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QC 991 .E3 D3 1939 (Jan.-June)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

[redacted] Sunrise 06h. 4? — Sunset 17h. 0? [redacted] JANUARY 1939 — ١٩٣٩ شهر يناير

STATION	14h ww	V	Dir.	Force	Cloud N	Form	Bar. Press. M.S.L. 1000+	Temp. °C	% Hum.	8h ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
[redacted]	01	[redacted]						18.0	39	00	6	26	5	0	0	—	15.2	-3.1	9.0	17	—	7	—	86	0	34	—	130
...UH	[redacted]							16.3	59	01	7	22	4	1	4	Cu	13.3	-5.3	11.8	17	-1	7	-1	90	0	64	73	131
...LA	[redacted]						10.2	16.3	60	05	7	18	4	1	3	St	15.9	—	9.5	17	—	8	—	—	dr	44	—	150
...NDRIA	[redacted]					Ci	9.4	16.3	67	02	9	20	5	2	4	Cu	14.8	-4.1	10.3	17	-2	10	-1	81	2	111	97	132
...TTA										00	8	20	3	1	0	—	14.7	—	9.1	16	—	7	—	75	1	28	41	159
...SAÎD	05	7	20	[redacted]		—	9.3	15.0	49	00	7	18	6	1	0	—	15.0	-2.4	10.7	16	-3	9	-2	69	dr	23	32	134
...SH	30	3	20	[redacted]		—	9.5	16.4	38	00	7	20	2	0	0	—	15.6	—	12.0	16	—	10	—	56	0	69	33	135
...HÛR										01	5	20	4	1	2	Cu	15.6	-3.1	8.8	17	-4	7	-1	77	0	10	39	136
...URA										00	8	20	2	0	0	—	15.2	—	8.1	16	-5	7	-1	72	dr	23	16	137
...	00	8	16	[redacted]					49	00	8	20	2	0	0	—	16.2	3.0	9.2	16	-4	5	-2	76	0	15	14	138
...IG	00	7	20	[redacted]					48	00	7	20	3	0	0	—	16.6	—	9.9	16	-5	4	-3	74	0	10	10	139
...LMÂZA	14	[redacted]							32	00	7	18	3	0	0	—	17.0	—	11.0	17	—	8	—	56	0	2	—	141
...BE...	[redacted]								34	00	5	16	1	0	0	—	17.4	-1.8	9.3	17	-3	8	0	63	0	3	9	—
...ZA...	[redacted]						17.9	17.9	39	05	5	18	2	0	0	—	18.0	-1.6	9.7	19	0	7	+1	65	0	3	10	—
...ÂN...	[redacted]					Cc	12.3	16.5	28	00	6	12	1	0	0	—	17.8	-1.8	9.7	17	-2	7	-1	52	0	9	9	143
...	[redacted]				5	As	12.0	18.0	39	01	6	28	1	0	1	Ac	16.6	-2.2	12.3	19	-1	9	-1	75	0	13	9	144
...M	03	6	2	[redacted]	8	Sc	13.5	17.8	31	00	8	00	0	0	0	—	17.5	-1.9	8.6	18	-3	6	-1	63	0	dr	4	153
...A	02	7	2	[redacted]	5	Ac	14.0	18.8	26	02	5	30	1	1	4	Cu	18.8	-1.4	10.2	29	0	9	+2	68	0	2	—	154
...T	02	8	2	[redacted]	5	St	15.4	16.6	38	03	7	26	2	1	8	As	19.0	-1.2	12.0	18	-2	9	+3	54	0	2	3	155
...	02	8	2	[redacted]	5	Cu	13.4	20.9	44	02	7	24	1	2	5	Cu	18.6	-0.6	12.9	23	0	11	+3	62	0	dr	—	156
...R	02	7	[redacted]		5	Ci	12.8	24.0	31	03	7	10	2	2	6	Sc	17.9	—	11.3	25	—	9	—	62	0	dr	—	157
...N	02	7	[redacted]		3	Ci	11.6	26.5	13	01	7	00	0	1	3	Ci	17.2	-1.9	13.2	28	+4	11	+1	35	0	1	—	158
...										02	7	00	0	1	4	Cu	—	—	8.4	17	-2	5	+1	70	0	dr	5	148
...RIYA	02	9	[redacted]		4	—	15.6	16.0	32	02	9	00	0	1	4	—	18.2	—	10.0	16	—	3	—	62	0	0	—	149
...GA	02	7	[redacted]		5	Cs	13.6	22.4	27	03	7	00	0	1	6	Ac	19.5	0.0	11.7	22	-1	9	+2	52	0	dr	tr	151
...LA	02	6	[redacted]		5	Ci	16.9	[redacted]		03	6	00	0	2	8	Cc	19.2	-1.1	12.6	20	-2	10	+5	64	0	dr	—	152
...	01	6	[redacted]							02	6	32	4	1	5	Ns	16.8	-1.4	16.5	25	+4	15	+6	48	0	19	8	145
...HÂDA	[redacted]									03	7	28	3	2	7	Sc	15.8	-2.4	16.8	25	+3	15	+4	27	0	1	—	146
...R	[redacted]								42	02	5	24	1	1	5	Ci	17.9	+0.2	—	28	+5	17	+2	—	0	tr	6	147
...SUDA...	[redacted]						10	29	70	00	—	32	2	0	0	—	14.0	-1.4	25.8	39	+3	21	+1	74	0	66	91	1 39
...HALFA	[redacted]			1	6	—	12.8	27	26	00	7	32	2	0	0	—	17.4	-1.8	13.2	28	+4	11	+3	55	—	—	—	165
...MA	01	8	[redacted]	0	4	—	9.6	33	8	00	8	08	1	0	2	Ci	14.3	-2.5	18.4	33	+3	14	+1	36	0	0	1	166
...RA	01	[redacted]		0	5	—	7	34	10	00	—	06	3	0	0	—	12.0	-2.9	22.0	34	+3	17	+3	49	0	6	1	167
...TÛM	01	[redacted]		0	4	—	6.0	36	20	00	8	02	3	0	0	—	11.3	-2.9	21.7	37	+5	17	+1	29	0	dr	5	168
...LA	00	[redacted]		0	0	—	3.2	36	17	00	8	06	3	0	0	—	9.3	-3.3	21.4	37	+3	19	+3	82	0	dr	11	170
...MEDANI	01	[redacted]		0	5	—	5	36	10	00	—	04	4	0	0	—	9.9	-3.5	21.8	36	+2	16	+1	30	0	2	13	171
...	01	[redacted]		0	4	—	6	35	20	00	—	22	3	0	0	—	10.3	-3.1	24.7	37	+3	19	+5	38	0	14	12	178
...	00	[redacted]		0	0	—	3.7	36	34																			182
...RES	01	[redacted]		0	4	—	2	[redacted]		00	—	20	1	0	0	—	7.1	-4.7	22.0	39	+3	16	0	44	0	27	37	172
...EID	01	[redacted]								02	8	32	1	1	5	Ci	11.6	-4.3	19.2	35	+4	16	+5	30	0	8	19	174
...HER	[redacted]									00	—	28	2	0	0	—	—	—	15.6	36	+5	11	+1	28	0	0	8	175
...	[redacted]									01	8	04	2	0	4	Ac,Cc	—	—	13.8	37	—	11	—	28	0	dr	—	179
...	[redacted]							36	17																			187
...	[redacted]			2	8	—	4.0	35	14																		93	176
...	02	[redacted]		0	8	—	3	37	14	00	—	20	1	0	0	—	8.1	-3.2	21.0	37	+2	18	+1	57	0	103	146	177
...	01	[redacted]		0	4	Ac	1.6	37	18	00	8	20	1	0	0	—	9.3	-1.6	23.4	38	+1	18	-2	52	0	231	141	178

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

...ÛM	MA...	...ILA	CAIRO	HELWÂN	ASYÛT	AÎWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 31.12
...m.	07...	m.	07h.15m.	07h.30m.	07h.00m.	07h.00m.	06h.00m.	06h.00m.	06h.10m.	06h.00m.	06h.00m.	h. m.	06h.00m.	13h.00m.
...35	02...	[redacted]	02.20.20	02.12.20	05.33.25	02.02.15	03.03.30	06.04.60	06.01.40	06.05.15	07.05.25		06.22.15	02.27.45
...25	[redacted]		05.27.35	05.22.15	10.33.15	05.03.30	06.03.40	10.06.60	10.01.50	10.05.20	10.05.15		10.23.15	06.28.35
...45	[redacted]		10.26.45	08.28.40	15.28.20	10.33.05	10.03.25	15.05.40	15.03.40	15.06.10	15.04.10		15.24.15	10.29.45
...50	[redacted]		15.21.35	[redacted] 7.35	20.28.75	15.32.45	15.01.30	20.05.25	20.04.15	20.35.05	20.02.10		20.24.30	15.30.50
[redacted]				5.35		20.30.50	20.30.05	30.00.0	22.01.10					20.29.75
				6.45			25.07.15							
				5.40										
				5.26.50										

[redacted] hours from noon on 1st
[redacted]sh to strong westerly winds.
[redacted]te to fresh southwesterly winds
[redacted] and low clouds
[redacted]ers near the Coast probable.
[redacted] below normal.

تغيرات الطقس المنتظرة [redacted]
على السواحل رياح غربية بين [redacted]
وفى الداخل رياح جنوبية غربية [redacted]
يظهر بعض السحاب المنخفض [redacted]
يحتمل تساقط مطر [redacted]
تستمر درجة الحرارة دون [redacted]

STATION	Humidity % on 31st	Diff. from normal	Wet bulb temp. °C on 31st	Diff. from normal
Alexandria	69	+4	11.3	-0.9
Ezbekiya	44	-27	8.2	-2.6
Giza	45	-30	8.3	-2.5
Helwân	50	-10	7.0	-2.4

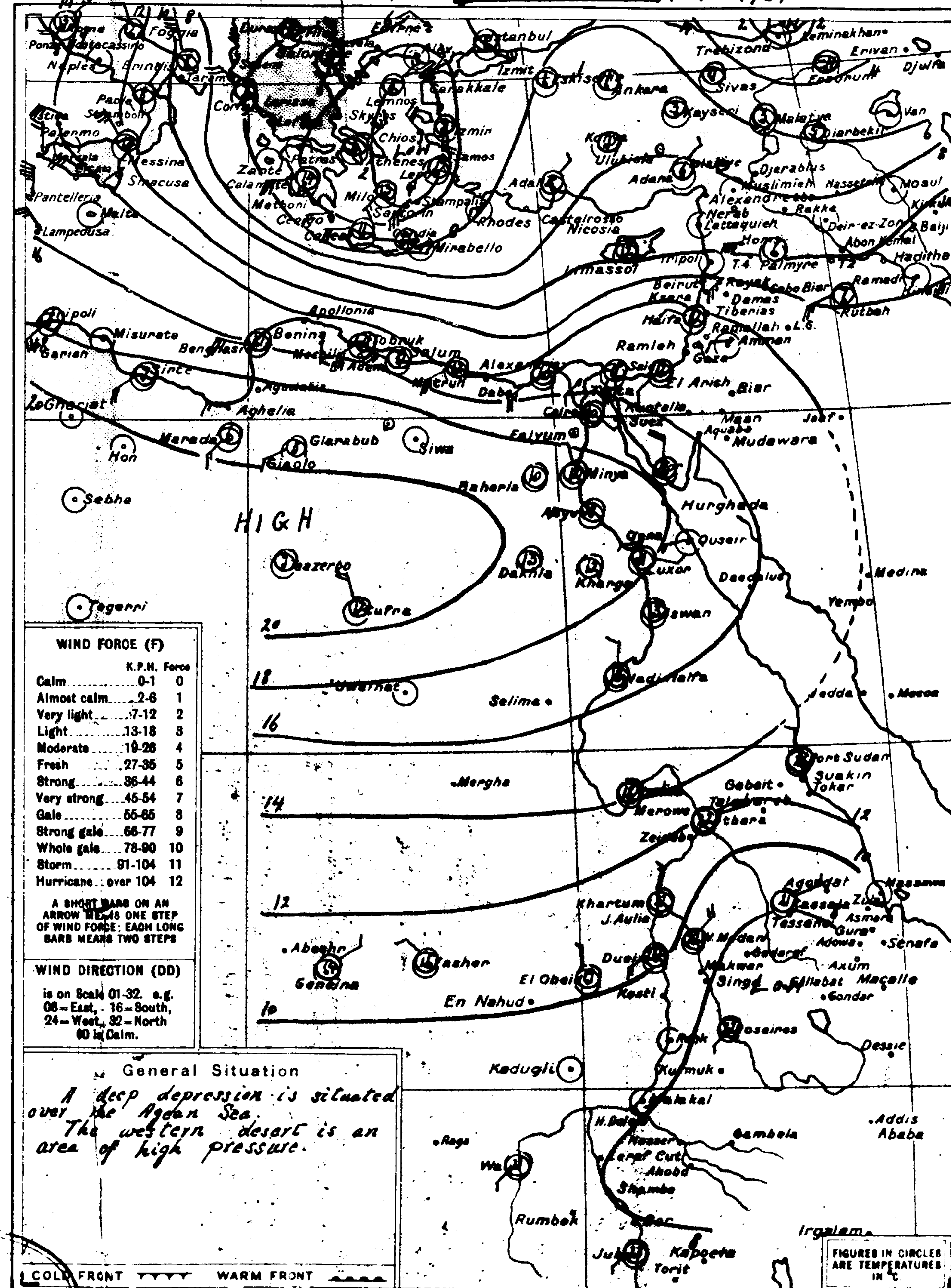
Giza Grass minimum on 1st 4.2 °C

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

DATE	1939	1938
1.1.39	1273	1273
31.12.38	1215	1273

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1.1	13.53	+0.09	13.54	+0.10
Nagger	31.12.38	10.27	+2.57	10.30	+2.51
Malakâl	1.1	12.63	+0.89	12.63	+0.86
Roseires	1.1	13.14	+0.74	13.18	+0.71
Sennâr Res.	30.12.38	20.71	—	20.70	—
J. Aulia U.S	31.12.38	375.63	—	374.99	—
J. Aulia D.S	31.12.38	372.34	+0.09	372.26	+0.07
Khartûm	31.12.38	11.50	+0.21	11.53	+0.21
Kh. el Girba					
Atbara	31.12.38	11.08	+0.20	11.09	+0.20
Kajnarti	31.12.38	134.68	+0.42	134.71	+0.43
Aswan Res.	1.1	120.00	—	119.96	—
Aswan D.S.	1.1	86.57	+0.38	86.43	+0.24
Roda (Cairo)	1.1	14.75	-0.20	14.75	[illegible]

Isobars, Wind and Temperature at 8 h. 1.1.1939 — ١٩٣٩-١-١



WIND FORCE (F)

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

A SHORT BARS ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARS MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A deep depression is situated over the Agean Sea.
The western desert is an area of high pressure.

LIBRARY OCT 24 1946 WEATHER BUREAU

At 8 h. on 1-1-1939 — الساعة ٨ يوم ١-١-١٩٣٩

STATION	Present Weather	Visibility	Wind Dir.	Force	Past Weather	Cloud Amount	Form	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol	02	5	00	0	1	5	—	23	-8.3	12	—	—	—	[redacted]				202
Haifa	02	—	26	2	—	6	—	13.5	-2.9	12.0	18	-1	11	[redacted]				309
Siwa	02	7	26	1	2	6	Cu	—	—	8.4	20	+1	7	[redacted]				5
SHIPS																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER

Clear, slight cloud	
Variable sky	
Mainly overcast	
Sandstorm, Dust	
Fog, thick dust	
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb

National Oceanic and Atmospheric Administration

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September 14, 1999

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1939 ١٩٣٩ شهر يناير

STATION	14h: ww	V	DD	F	W	N	C	PPP	TTT	UU
SALÛM	18	6	24	7	3	4	Cu	13.8	18.3	46
MATRÛH	00	7	24	7	0	0	—	12.2	19.4	62
DIKHEILA	01	7	55	6	1	2	Cb	13.9	18.6	51
ALEXANDRIA	01	9	20	7	2	3	Ac	13.3	17.3	60
DAMIETTA										
PORT SAÎD	00	7	18	6	1	0	—	13.5	16.7	63
EL 'ARÎSH	00	7	24	3	0	0	—	14.4	18.0	40
DAMANHÛR										
[illegible]										
[illegible]	00	7	18	4	0	0	—	14.4	18.1	52
[illegible]	00	8	20	3	0	0	—	15.2	19.9	50
CAIRO ALMÂZA	02	8	22	5	1	4	Sc	15.2	18.3	42
CAIRO EZBEKIYA	02	8	20	3	1	4	—	15.1	19.8	37
CAIRO GÎZA	02	8	26	2	1	4	Cu	15.0	20.6	40
HELWÂN	01	8	22	4	0	3	Cu	15.1	17.6	36
SUEZ	01	9	28	2	0	1	Ac	15.2	20.0	40
FAIYÛM	01	8	20	4	0	3	Cu	15.9	19.5	33
MINYA	01	8	26	2	1	4	Cu	17.0	17.7	40
ASYÛT	02	7	24	2	1	5	St	17.4	17.1	42
[illegible]NA	03	8	24	1	2	8	Cu	16.4	18.0	53
LUXOR	02	7	04	4	2	5	Cb	15.8	20.3	38
ASWÂN	00	7	32	2	0	0	—	13.8	22.5	12
SÎWA	00	7	22	2	0	0	—	16.0	19.2	43
BAHARÎYA	01	9	24	2	0	3	—	17.4	18.0	38
KHARGA	02	7	04	2	1	4	—	16.6	21.2	36
DÂKHLA	03	6	30	1	2	8	As	18.3	24.5	35
TÔR	00	6	32	3	0	4	Ac	15.0	19.5	43
HURGHÂDA										
QUṢEIR	02	4	02	1	1	5	As	16.7	20.3	50
PORT SUDAN	01	—	04	3	0	—	—	12	28	60
WÂDI HALFA	—									
KAREIMA										
'AṬBARA	01	—	06	4	0	—	—	7	32	10
KHARTÛM										
KASSALA										
WAD MEDANI	01	—	32	4	0	—	—	4	35	10
DUEIM	01	—	24	3	0	—	—	6	35	10
RENK	02	—	10	3	2	—	—	3	37	20
ROṢEIRES	01	—	26	1	0	—	—	6	38	10
EL OBEID										
EL FÂSHER	01	—	04	3	4	—	—	—	35	[illegible]
GENEINA										
KADUGLI										
MALAKÂL										
WÂU										
JÛBA										

At 8 h. on MONDAY 2nd

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday	Diff.	Min. Today	Diff.	UU	Rain past 24 hrs	Total from Oct. 1	Normal from Oct. 1	Station Number
SALÛM	02	7	26	3	5	5	Cb	20.8	+2.4	9.8	19	—	8	—	80	1	35	—	130
MATRÛH	02	6	24	4	2	6	Cb	17.8	-0.8	13.0	20	+2	11	+3	88	0	64	74	131
DIKHEILA	22	6	24	4	6	7	Cb	18.0	—	16.5	19	—	9	—	61	1	45	—	150
ALEXANDRIA	03	9	24	7	5	6	Cb	17.1	-1.8	16.3	18	-1	9	-2	56	tr	111	99	132
DAMIETTA	03	7	20	3	2	6	Ac	16.6	—	11.2	18	—	9	—	81	0	28	42	159
PORT SAÎD	60	7	18	5	6	7	Cu	16.7	-0.7	10.0	17	-2	10	-1	86	tr	23	33	134
EL 'ARÎSH	01	7	20	1	1	2	Cu	17.0	—	13.0	18	—	11	—	77	0	69	34	135
DAMANHÛR	02	4	20	4	2	5	Cu	17.4	-1.3	11.0	19	-2	9	+1	90	0	10	40	136
[illegible]	03	4	18	3	2	5	Sc	17.4	—	10.0	19	-2	7	-1	74	tr	23	16	137
[illegible]	03	6	18	1	2	8	Sc	18.6	-0.7	10.0	19	-1	7	0	74	0	15	14	138
[illegible]	01	7	20	5	1	2	Ci	19.0	—	10.4	20	-1	6	-1	73	0	10	10	139
CAIRO ALMÂZA	01	7	16	4	0	1	Sc	19.0	—	12.2	19	—	10	—	54	0	2	—	141
CAIRO EZBEKIYA	00	5	16	3	0	0	—	19.5	+0.3	10.2	20	0	9	+1	62	0	3	9	—
CAIRO GÎZA	01	6	14	3	1	3	As	19.2	-0.4	8.8	22	+3	8	+2	71	0	3	10	—
HELWÂN	05	6	14	2	0	0	—	19.9	+0.3	10.0	19	+1	9	+1	51	0	9	9	143
SUEZ	01	7	22	2	1	2	Sc	19.1	+0.3	15.3	20	0	11	+1	48	0	13	9	144
FAIYÛM	00	6	14	2	0	0	—	20.4	+1.0	9.5	21	0	6	-1	61	0	tr	4	153
MINYA	00	6	04	1	0	0	—	21.2	+0.9	10.0	19	-1	8	+1	68	0	2	—	154
ASYÛT	00	6	22	2	0	0	—	21.5	+1.3	9.2	19	-1	7	+1	84	0	2	3	155
[illegible]NA	01	7	24	1	1	4	Cu	19.8	+0.6	12.0	20	-3	9	+1	71	0	tr	—	156
LUXOR	03	7	10	2	1	6	Cb	19.8	—	11.0	22	—	9	—	73	0	tr	—	157
ASWÂN	00	7	32	2	0	0	—	18.2	-0.9	13.0	23	-1	11	+1	45	0	1	—	158
SÎWA	00	7	00	0	0	0	—	—	—	10.0	20	+1	7	+3	74	0	tr	5	148
BAHARÎYA	00	9	00	0	0	0	—	21.1	—	9.0	19	—	2	—	61	0	0	—	149
KHARGA	00	8	32	2	0	0	—	21.9	+2.4	12.9	21	-2	9	+2	54	0	tr	6	151
DÂKHLA	08	4	00	0	1	3	Ci	19.1	-1.2	9.8	22	0	7	+2	66	0	tr	—	152
TÔR	00	6	32	2	0	0	—	18.3	+0.1	12.5	21	0	8	-1	62	0	19	8	145
HURGHÂDA	00	9	30	3	0	0	—	19.0	+0.7	15.4	20	-2	9	-2	37	0	1	—	146
QUṢEIR	01	5	26	1	1	4	Cu	19.1	+1.3	16.5	23	0	10	-4	35	0	tr	6	147
PORT SUDAN	00	—	28	2	0	0	—	15.1	-0.3	24.9	29	+2	21	+1	73	0	66	91	169
WÂDI HALFA	01	8	02	2	0	4	Ci	18.8	-0.4	13.1	25	+1	11	+3	45	—	—	—	165
KAREIMA	00	8	02	3	0	1	Ci	15.3	-1.5	19.2	32	+2	14	+1	30	0	0	1	166
'AṬBARA	00	—	02	3	0	0	—	13.0	-1.9	20.8	33	+3	16	+2	63	0	6	1	167
KHARTÛM	01	8	04	3	0	4	Ci	11.9	-2.3	21.0	35	+3	19	+3	34	0	tr	5	168
KASSALA	00	8	06	3	0	0	—	10.3	-2.3	22.5	37	+3	18	+2	66	0	tr	11	170
WAD MEDANI	01	—	04	4	1	3	—	11.0	-2.4	21.0	36	+2	15	0	54	0	2	13	171
DUEIM	00	—	—	—	0	0	—	12.0	-1.4	21.4	36	+2	19	+5	40	0	14	12	173
RENK																			182
ROṢEIRES	00	—	02	1	0	0	—	7.8	-4.0	23.7	39	+3	18	+2	45	0	27	37	172
EL OBEID	03	8	32	1	1	8	Ci	12.5	-3.4	18.8	34	+3	16	+5	38	0	8	19	174
EL FÂSHER	00	—	02	2	0	0	—	—	—	14.5	35	+4	10	0	36	0	0	8	175
GENEINA	01	8	08	2	0	4	Ac	—	—	12.3	37	—	10	—	43	0	tr	—	179
KADUGLI																			187
MALAKÂL	03	8	04	3	2	6	Cs	10.2	-1.3	22.8	37	+2	17	0	38	0	83	93	176
WÂU	00	—	12	2	0	0	—	10.1	-1.2	21.7	37	+2	19	+2	52	0	103	146	177
JÛBA	02	8	14	1	1	5	Ac	9.5	-1.3	25.9	37	0	21	+1	55	0	231	141	178

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 3 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 7 h.	MALAKÂL 6 h.	JÛBA 6 h.	Salûm 1st 13 h.
02 30 15	02 29 30		02 23 30	02 18 25	05 33 25	02 01 20	03 03 35	06 08 40	06 04 35	06 18 15	07 02 35	06 03 45	06 29 15	02 27 50
[illegible] 45	05 29 50		05 27 35	05 25 15	10 33 20	05 02 30	06 04 45	10 06 25	10 03 35	10 36 10	10 03 35	10 03 75	10 30 20	05 26 15
[illegible] 40	10 31 40		10 27 50	08 28 30	15 32 20	10 01 15	10 08 15	15 07 35	15 30 20	15 24 05	15 35 10	15 03 30	15 31 30	10 27 40
[illegible] 40	15 32 35		15 28 65	10 27 45	20 28 20	15 33 25	15 35 10	20 07 45	20 26 25	20 19 10	20 22 25	20 02 10	20 32 25	
[illegible] 60			20 27 60	15 27 50		20 27 20	20 31 25	21 07 45	30 24 15			30 04 10	30 05 5	
			[illegible]				30 27 25		36 21 15			40 18 15	40 07 5	
							40 27 30							

Forecast for 24 hours from noon on 2nd

On the coast strong west to northwest winds, decreasing to moderate or fresh tomorrow.
Inland fresh southerly winds, veering later to west or northwest and moderating. Much low cloud. Scattered showers. Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢
على السواحل رياح سريعة بين غربية وشمالية غربية تصير نسبية أو معتدلة باكر
وفي الداخل رياح نسبية جنوبية ثم تتحول إلى غربية أو شمالية غربية وتنشط السماء
[illegible] متفرقة
استمرار الطقس مائلاً للبرودة

STATION	Mean of day: Humidity % on 1st	Diff. from normal	Wet bulb temp °C on 1st	Diff. from normal
Alexandria	68	+3	10.5	-0.9
Ezbekiya	55	-15	9.6	-1.1
Giza	48	-27	9.9	-0.9
Helwân	49	-11	8.4	-0.9

Gîza Grass minimum on 2nd 5.5 °C

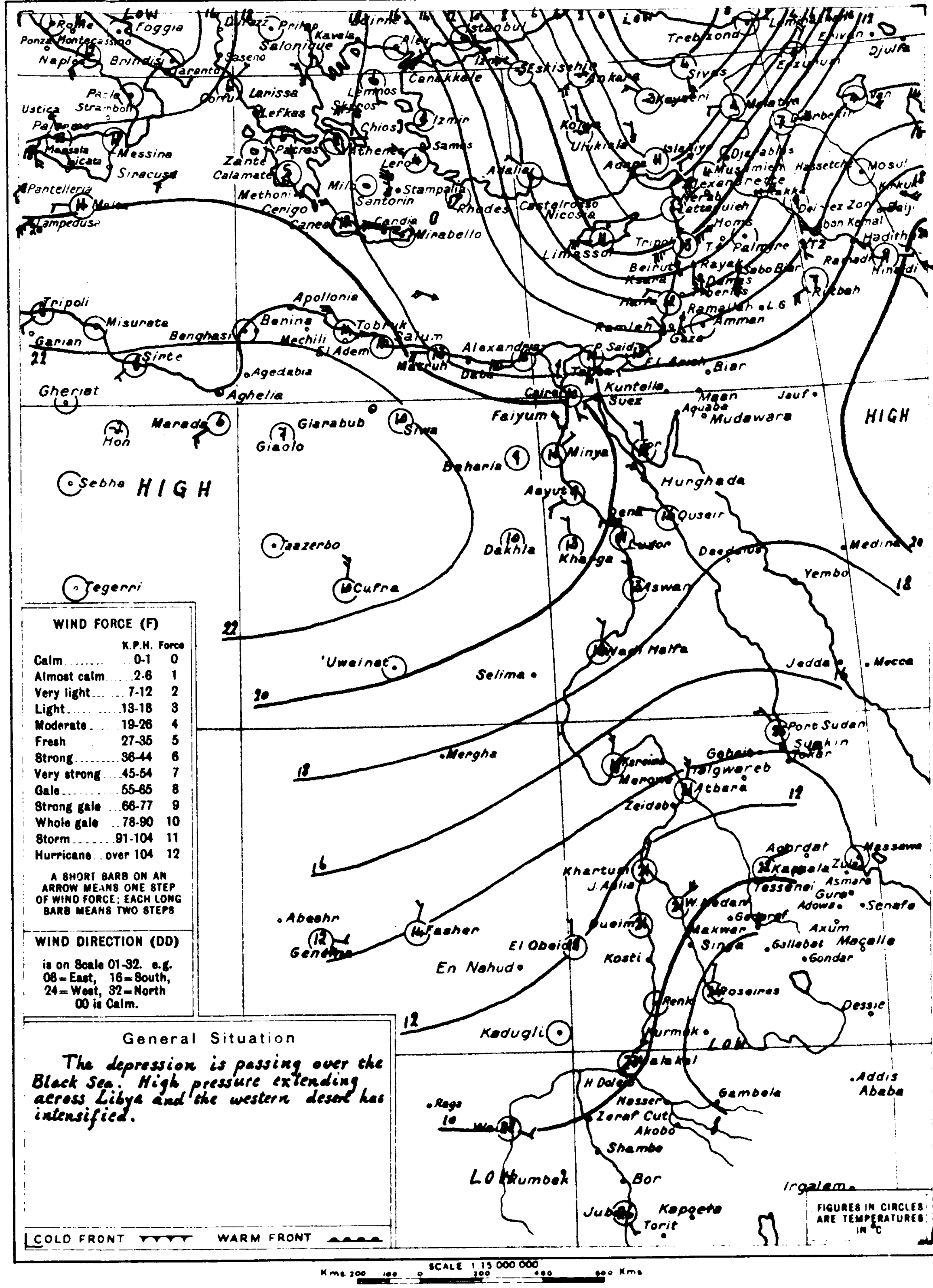
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
2.1	1273	1274
1.1	1273	1273

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1.1	13.53	+0.09	13.54	+0.10
Nasser	1.1	10.23	+2.60	10.27	+2.57
Malakâl	2.1	12.63	+0.93	12.63	+0.89
Roseires	2.1	13.10	+0.69	13.14	+0.71
Sennâr Res.	1.1	20.71	—	20.72	—
J. Aulia U.S	2.1	375.03	—	375.00	—
J. Aulia D.S	2.1	372.22	+0.08	372.22	+0.07
Khartûm	2.1	11.48	+0.21	11.49	+0.22
Kh. el Girba					
'Atbara	2.1	11.04	+0.20	11.06	+0.19
Kajnarti	1.1	134.65	+0.42	134.68	+0.42
Aswân Res.	2.1	120.07	—	120.00	—
Aswân D.S.	2.1	86.58	+0.39	86.57	+0.38
Rôda (Cairo)	2.1	14.72	-0.20	14.75	-0.20

Printed by the Survey & Mines Dept. 1938 (38/554)

١٩٣٩-١-٢ Isobars, Wind and Temperature at 8 h. 2.1.1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

The depression is passing over the Black Sea. High pressure extending across Libya and the western desert has intensified.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 2nd — الساعة ٨ يوم ٢

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday	Diff.	Min. Today	Diff.	UU	Rain past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	02	5	24	7	2	5	—	9.5	-8.1	11	—	—	—	—	—	10	—	205
Haifa	03	—	26	2	—	6	—	14.8	-2.2	12.5	18	-1	10	+1	87	18	304	316
Gaza	02	6	28	1	1	4	—	16.6	-0.1	12.1	21	+2	8	0	63	0	271	178
Gaza 1st	02	6	04	1	1	4	—	15.9	-0.8	11.9	22	+3	7	-1	63	0	271	175
SHIPS سفن																		

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

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

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

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

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

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

CAIRO
Time of Sunrise 06 h 51 m
" " Sunset 17 h 08 m

DAILY WEATHER REPORT

Month *JANUARY* 1939 ١٩٣٩ شهر يناير

Region	STATION	At 14 h. on 2nd: ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h. on TUESDAY 3rd: ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITE[RRANEAN]	[illegible]	02	8	30	4	1	6	Cu	21.9	14.8	41	01	7	26	3	0	3	Cu	24.6	+6.2	8.3	16	—	8	—	73	0	35	—	130
	[illegible]	02	7	28	4	2	5	Cu	19.2	16.3	52	13	6	18	1	2	5	Cb	22.6	+4.0	13.3	16	-2	12	+4	81	0	64	76	131
	[illegible]	02	8	30	5	5	5	Cu	19.0	15.8	64	02	8	30	4	1	4	Sc	23.1	—	15.3	17	—	15	—	54	dr.	45	—	150
	ALEXANDRIA	02	9	32	5	2	5	Cu	18.3	16.4	58	02	9	32	2	2	5	Cu	22.7	+3.8	14.7	18	-1	13	+2	51	0	111	100	132
	DAMIETTA											03	8	20	2	2	6	Ac	22.3	—	9.8	17	—	7	—	70	dr.	28	43	159
	PORT SAÏD	20	7	26	5	6	6	Cu	17.0	16.0	75	01	8	22	2	1	3	Sc	21.8	+4.4	12.2	17	-2	10	-1	76	dr.	23	33	134
	EL 'ARISH	03	7	24	3	1	7	Cu	16.6	17.0	56	01	7	20	2	1	3	Cu	21.6	—	11.8	17	—	10	—	69	0	69	34	135
[LOWER] EGYPT	DAMANHÛR											01	5	20	1	1	2	Cu	23.1	+4.4	9.0	19	-2	8	0	86	0	10	41	136
	[illegible]SÛRA											02	5	14	2	1	4	Sc	22.7	—	8.6	19	-2	7	-1	86	1	24	17	137
	[illegible]A	03	6	16	2	1	8	Sc	16.6	18.0	55	00	7	00	0	0	0	—	23.2	+3.8	9.3	19	-1	5	-2	88	0	15	15	138
	[illegible]ZIG	03	7	20	7	1	8	Sc	17.6	18.8	63	01	7	20	2	1	3	Cs	23.2	—	11.3	20	-1	4	-2	83	dr.	10	10	139
MIDDLE EG[YPT] — CAI[RO]	[illegible]ALMÂZA	02	8	24	5	2	5	Cu	18.2	18.8	48	01	7	10	1	1	3	St	22.2	—	10.7	20	—	6	—	64	0	2	—	141
	EZBEKIYA	02	8	28	1	1	5	Cu	18.0	20.8	42	08	4	00	0	4	0	—	23.0	+3.8	9.0	21	+1	7	-1	78	0	3	9	—
	GIZA	02	8	28	3	2	5	Cu	18.2	20.3	39	40	3	00	0	4	4	St	22.8	+3.1	4.1	22	+3	4	-2	92	0	3	10	—
	HELWÂN	02	9	00	0	1	5	Cb	18.3	17.9	49	05	5	04	2	0	0	—	23.0	+3.4	8.5	19	+1	7	-1	66	0	9	9	143
	SUEZ	02	9	24	3	1	5	Cu	18.0	19.4	44	01	7	02	1	1	2	Cu	22.7	+3.9	10.0	21	+1	6	-4	79	0	13	9	144
UPPER EGYPT	FAIYÛM	02	8	28	2	0	4	Cu	19.0	19.6	47	04	5	02	1	0	0	—	23.0	+3.6	7.1	22	+1	4	-3	96	0	dr.	4	153
	MINYA	01	8	32	2	0	2	Cu	19.0	20.0	44	00	5	30	2	0	0	—	22.6	+2.3	7.3	21	+1	6	-1	90	0	2	—	154
	ASYÛT	00	8	22	3	0	0	—	19.2	19.6	41	00	6	22	3	0	0	—	21.2	+1.0	8.8	21	+1	7	+1	83	0	2	3	155
	QENA	01	8	26	2	1	3	Cu	17.4	22.6	37	02	7	02	3	2	5	Cu	19.1	-0.1	13.2	25	+2	11	+3	75	0	dr.	—	156
	LUXOR	02	7	02	2	1	5	Cb	17.4	21.8	39	02	7	06	2	1	5	Cu	19.1	—	12.9	23	—	10	—	78	0	dr.	—	157
	ASWÂN	01	7	32	2	1	3	Cu	15.0	22.4	25	00	7	00	0	0	0	—	18.6	-0.5	13.0	23	-1	11	+1	55	0	1	—	158
WESTERN DESERT	SIWA	01	7	26	0	1	3	Cu	—	18.0	61	00	7	00	0	0	0	—	—	—	11.0	20	+1	3	-1	80	0	dr.	5	148
	BAHARIYA	00	9	32	1	0	0	—	18.8	18.0	44	00	9	00	0	0	0	—	23.0	—	7.0	18	—	—	—	82	0	0	—	149
	KHARGA	02	7	04	4	1	4	Ac	19.1	19.5	41	02	7	02	3	2	5	Ac	20.4	+0.6	13.9	20	-3	12	+5	58	0	dr.	tr.	151
	DAKHLA	02	7	30	3	1	4	As	19.5	18.3	—	02	6	00	0	1	4	As	21.5	+1.2	12.4	19	-3	9	+4	72	0	dr.	—	152
RED SEA	TOR	00	6	32	4	0	0	—	16.7	22.0	43	01	6	32	3	0	2	Cc	19.6	+1.4	16.0	23	+2	11	+2	64	0	19	8	145
	HURGHÂDA											02	9	30	4	1	4	Ci	21.4	+3.1	15.2	21	-1	11	0	38	0	1	—	146
	QUSEIR	00	5	32	2	1	0	—	17.0	20.3	57	03	4	30	2	2	8	Sc	17.2	-0.6	16.4	22	-1	15	+1	59	0	tr.	6	147
	PORT SUDAN	02	—	04	4	1	5	—	12	28	60	03	—	32	4	1	7	—	14.6	-0.9	23.5	28	+1	20	0	65	0	66	92	169
NORTH SUDAN	WADI HALFA	01	8	30	4	0	1	—	16.0	24	25	01	8	02	2	0	1	Ci	19.6	+0.4	12.1	25	+1	11	+3	54	—	—	—	165
	KAREIMA	00	8	02	4	0	0	—	10.9	31	17	01	8	32	3	0	3	Ci	16.4	-0.4	17.8	31	+1	14	+1	28	0	0	1	166
	'ATBARA	01	—	32	3	0	4	—	9	30	30	00	—	32	3	0	0	—	14.7	-0.2	20.2	30	0	16	+2	55	0	6	1	167
	KHARTÛM	01	8	02	3	0	4	—	7.2	35	18	03	8	02	3	1	6	Ci	12.9	-1.3	20.6	35	+3	13	-3	34	0	dr.	5	168
	KASSALA	00	8	02	3	0	0	—	3.8	36	25	00	8	10	2	0	0	—	10.8	-1.9	21.0	37	+3	17	+1	65	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	02	—	32	4	1	5	—	6	35	10	00	—	02	4	0	0	—	11.0	-2.4	21.1	35	+1	13	-2	53	0	2	13	171
	DUEIM											00	—	24	3	0	0	—	11.9	-1.6	22.6	35	+1	19	+5	45	0	14	12	173
	RENK	00	7	28	3	0	0	—	4.6	36	33								—			—		—						182
	ROSEIRES	01	—	28	1	0	4	—	7	34	10	00	—	28	1	0	0	—	8.2	-3.7	22.4	39	+3	16	0	41	0	27	37	172
	EL OBEID	02	9	06	3	1	5	—	6.4	32	33	03	8	04	1	1	6	Ci	12.4	-3.5	19.8	33	+2	16	+5	40	0	8	19	174
	EL FÂSHER											00	—	02	2	—	0	—	—	—	15.6	35	+5	12	+2	38	0	0	8	175
	GENEINA	01	8	04	2	0	3	As	12.2	35	10																			179
	KADUGLI	01	7	04	4	1	2	—	5.1	35	51																			187
S. SUDAN	MALAKÂL	03	8	06	3	2	6	—	5.5	37	16	01	8	04	4	1	4	Ci	10.4	-1.1	25.0	37	+2	19	+2	34	0	83	93	176
	WAU											00	—	28	1	0	0	—	10.1	-1.2	21.5	37	+2	18	+1	57	0	103	146	177
	JUBA	02	8	30	2	1	5	Cu	3.5	36	29	00	8	20	3	0	0	—	10.1	-0.7	24.7	36	-1	22	+2	68	0	231	141	178

UPPER WINDS الرياح العليا

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

SALUM 7 h.	MATRUH 7 h	DIKHEILA	CAIRO 8 h. 30 m	HELWAN 8 h. 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 4 h	KAREIMA 4 h	KHARTUM 6 h	KASSALA 6 h	EL OBEID 6 h	MALAKAL 2 h	JUBA 6 h	SALUM 2nd 13 h
[illegible]9.20	02.36.05		02.01.10	02.02.10	05.02.40	02.04.05	03.02.35	06.07.45	06.02.40	06.03.10	07.04.30	06.02.60	06.23.15	02.33.25
[illegible]5.30	05.02.05		05.02.25	05.04.25	10.36.20	05.04.40	06.05.50	10.07.55	10.06.50	10.36.25	10.05.20	10.03.50	10.24.15	05.36.25
[illegible]4.10	10.36.15			08.02.25	15.35.20	10.04.20	10.02.30	15.06.55	15.05.40	15.29.15	15.05.15	15.01.15	15.25.15	10.33.20
[illegible]1.05	Ext. Cu.			10.01.30	20.29.10	15.34.30	25.23.05	20.07.45	20.03.20	20.24.15	20.06.10	20.05.15	20.25.25	15.30.10
20.31.15				15.34.30		20.33.40	20.03.15	29.08.15	30.29.30			30.10.15	30.35.15	20.30.25
25.30.20				20.33.30			30.09.25		40.36.75			32.13.15		Ext. Cu.
30.31.20				23.31.35			36.26.30		50.24.80					
35.25.30				25.30.25										
40.29.15														
45.29.10														

Forecast for 24 hours from noon on 3rd

Light to moderate winds chiefly between north east and northwest.
Some low cloud.
Further scattered showers probable.
Little change in temperature.

تنبؤات [illegible] في ٢٤ ساعة من ظهر يوم ٣
رياح بين [illegible] والمعتدله اغلبها بين شماليه شرقيه
وشماليه [illegible]
[illegible] المنخفضه
[illegible] آخر فى جهات متفرقه
[illegible] الا قليلا .

STATION	Mean of day: Humidity on 2nd	Diff. from normal	Wet bulb temp on 2nd	Diff. from normal
Alexandria	48	-17	11.4	+0.1
Ezbekiya	61	-9	10.7	+0.1
Giza	56	-19	10.4	-0.4
Helwan	55	-5	9.6	+0.3

Giza Grass minimum on 3rd -0.3 °C

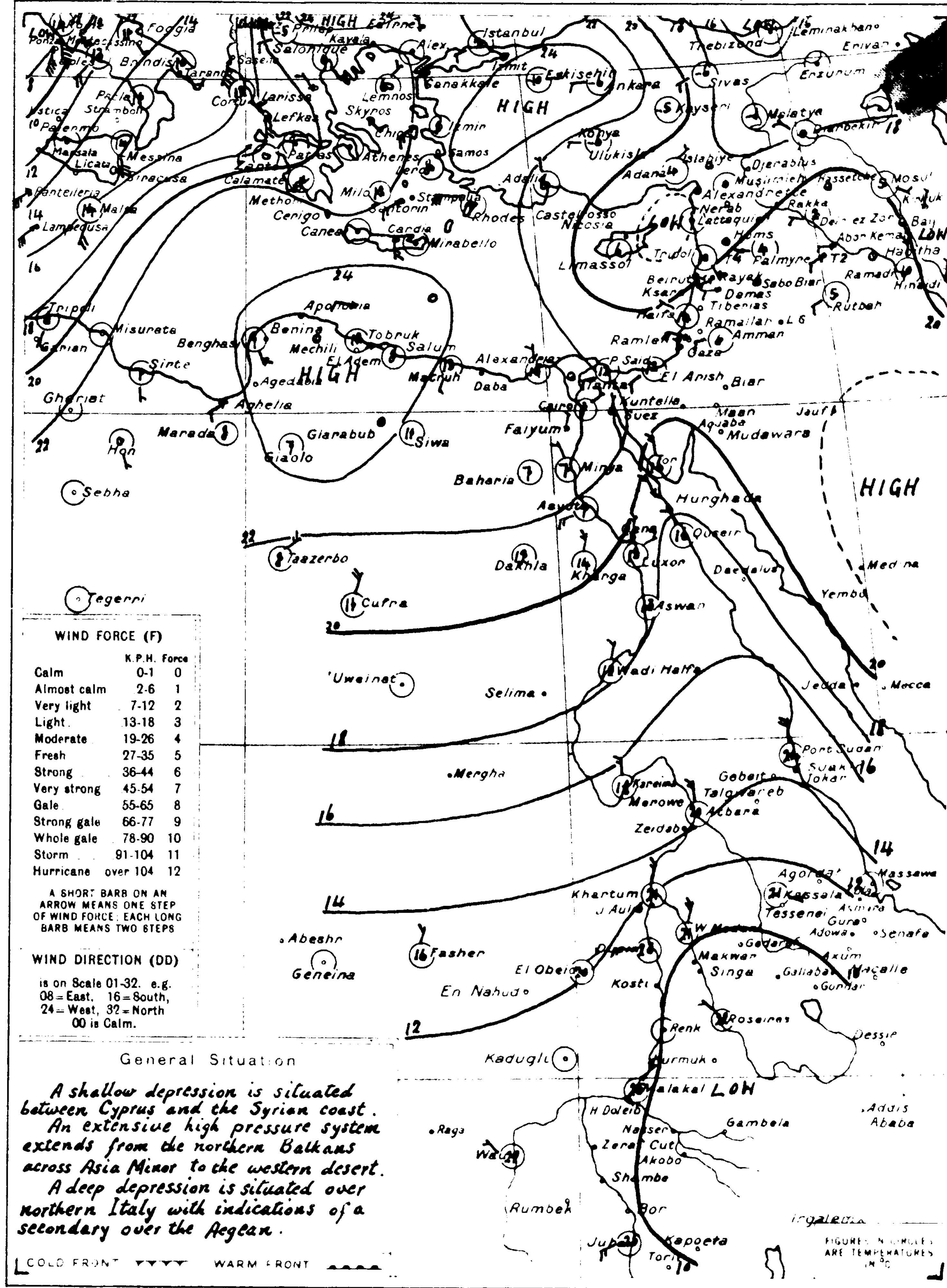
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
3-1	1273	1271
2-1	1273	1274

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	3-1	13.54	+0.11	13.55	+0.11
Nasser	2-1	10.19	+2.66	10.23	+2.60
Malakal	3-1	12.63	+0.98	12.63	+0.93
Roseires	3-1	13.08	+0.69	13.10	+0.69
Sennar Res	2-1	20.70	—	20.71	—
J. Aulia U.S	2-1	375.03	—	375.00	—
J. Aulia D.S	2-1	372.22	+0.06	372.22	+0.07
Khartum	3-1	11.47	+0.20	11.48	+0.21
Kh. el Girba					
Atbara	3-1	11.02	+0.21	11.04	+0.20
Kajnarti	2-1	134.60	+0.41	134.65	+0.42
Aswan Res	3-1	120.12	—	120.07	—
Aswan D S	3-1	86.58	+0.39	86.58	+0.39
Roda (Cairo)	3-1	14.75	-0.16	14.73	-0.20

Printed by the Survey & Mines Dept 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 3.1.1939. ٣-١-١٩٣٩



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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

A shallow depression is situated between Cyprus and the Syrian coast.
An extensive high pressure system extends from the northern Balkans across Asia Minor to the western desert.
A deep depression is situated over northern Italy with indications of a secondary over the Aegean.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 3rd ٣ الساعة ٨ يوم

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb °C	Max. Yester day °C	Diff. from norm.	Min. Today °C	Diff. from norm.	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	00	0	0	0	—	19.6	+2.0	6	—	—	—	—	—	0	—	209
Haifa	01	—	26	2	—	4	—	20.6	+4.2	13.5	18	0	11	+3	52	16	320	32[illegible]
Gaza	03	4	30	1	2	7	—	21.1	+4.4	10.9	21	+2	10	+2	92	6	277	181

SHIPS سفن
33333 23706 24202 23958 91271 84407
33334 26706 00001 24858 31001 79701 36301

Remarks

Aswan Discharge for 24th Dec. 1938 published on 24 & 25/12/38 should read 1158 instead of 1155 m!

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

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

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

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

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

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

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 51 m
Time of Sunset 17 h 09 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY, 1939 شهر يناير

1417 F.C.

At 14 h on 3rd — At 8 h on WEDNESDAY 4th يوم الأربعاء ٤

Region	STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. TTT	14h Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total since Oct. 1 mms	Normal since Oct. 1 mms	Station Number
MEDITERRANEAN	SALUM	01	8	02	2	0	3	Cu	23.2	15.1	51	01	6	00	0	0	3	St	23.4	+5.0	10.2	16	—	8	—	71	0	35	—	130
	MATRUH	02	7	02	2	1	4	Cu	21.5	16.3	62	01	7	18	1	1	3	Cu	21.9	+3.3	11.1	17	-1	10	+2	75	0	64	77	131
	DIKHEILA	02	8	30	4	1	4	Cu	22.0	15.6	53	03	8	12	1	2	6	Sc	22.6	—	10.7	16	—	9	—	70	0	45	—	150
	ALEXANDRIA	02	9	32	4	2	5	Ac	21.6	15.7	50	03	7	00	0	2	7	As	22.2	+3.3	12.3	19	0	12	+1	67	0	111	102	132
	DAMIETTA											04	6	02	1	0	0	—	21.9	—	11.0	17	—	8	—	94	0	28	44	159
	PORT SAÎD	03	7	30	2	1	6	Cu	20.3	15.6	61	01	8	02	2	1	3	Ac	21.1	+3.7	14.9	17	-2	12	+1	65	0	23	34	134
	EL 'ARÎSH	02	7	26	1	1	5	Cb	18.6	15.2	66	00	7	00	0	0	0	—	21.8	—	12.6	16	—	8	—	69	0	69	35	135
[illegible] EGYPT	DAMANHÛR											01	5	04	1	1	2	Cu	22.3	+3.6	11.4	17	-4	5	-3	88	0	10	42	136
	MANSÛRA											00	8	32	1	0	0	—	21.5	—	11.2	18	-3	8	0	60	0	24	17	137
	[illegible]	02	7	28	2	1	4	Cu	21.5	17.0	52	00	7	00	0	0	0	—	22.2	+2.8	6.5	18	-2	3	-4	94	0	15	15	138
	[illegible]	01	7	30	1	1	3	Cc	21.1	16.9	56	01	7	30	1	1	4	Cc	22.2	—	8.9	19	-2	3	-3	86	0	10	11	139
MIDDLE EGYPT	[illegible]	02	8	30	3	1	5	Cb	21.1	18.5	55	01	7	08	1	1	4	Cu	21.9	—	8.8	19	—	5	—	76	0	2	—	141
	CAIRO [illegible]	02	8	32	1	1	4	Cb	21.0	17.3	48	01	6	00	0	1	3	Cu	21.6	+2.4	9.2	18	-1	6	-2	75	0	3	10	—
	GIZA	02	8	32	3	2	5	Cu	21.0	16.6	50	08	4	32	1	4	4	Sc	21.8	+2.1	7.0	18	-1	3	-3	87	0	3	11	
	HELWAN	01	7	32	3	0	4	Cu	20.4	15.7	39	05	6	02	3	0	2	Sc	21.2	+1.6	9.4	16	-2	8	0	71	0	9	10	143
	SUEZ	00	9	32	2	1	0	—	20.4	16.3	46	00	7	28	2	0	0	—	21.5	+2.7	10.7	17	-3	7	-3	74	0	13	9	144
UPPER EGYPT	FAIYÛM	01	8	30	2	0	3	Cu	20.7	17.3	45	00	6	02	1	0	0	—	21.6	+2.2	12.5	19	-2	3	-3	64	0	dr	4	153
	MINYA	00	7	32	4	0	0	—	19.5	17.5	40	00	6	30	2	0	0	—	20.6	+0.3	10.2	18	-2	3	-4	87	0	2	—	154
	ASYÛT	00	8	30	3	0	0	—	18.7	18.5	33	00	6	22	3	0	0	—	20.4	+0.2	6.3	20	0	4	-2	86	0	2	3	155
	QENA	00	8	24	1	1	0	—	17.2	23.0	48	00	8	24	2	0	0	—	18.6	-0.6	10.0	24	+1	8	+1	80	0	dr	—	156
	LUXOR	01	7	02	2	0	2	Cb	16.3	22.8	43	01	7	10	2	0	3	Sc	18.0	—	8.9	24	—	6	—	73	0	dr	—	157
	ASWÂN	01	7	30	2	1	3	Cu	14.3	22.7	29	00	7	30	1	0	0	—	17.0	-2.1	12.9	23	-1	10	0	46	0	1	—	158
WESTERN DESERT	SIWA	00	7	26	1	0	0	—	—	18.7	57	00	7	00	0	0	0	—	—	—	10.0	19	0	2	-2	74	0	dr	5	148
	BAHARIYA	00	9	32	1	0	0	—	20.6	17.0	43	00	9	00	0	0	0	—	21.4	—	9.0	17	—	—	—	71	0	0	—	149
	KHARGA	00	8	04	3	0	0	—	18.0	22.4	48	00	8	32	2	0	0	—	19.2	-0.4	11.4	22	-1	9	+3	50	0	dr	tr	151
	DAKHLA	02	7	02	2	1	4	Cc	19.1	19.0	62	00	5	18	1	0	0	—	19.8	-0.5	9.2	20	-2	7	+2	74	0	dr	—	152
RED SEA	TOR	00	6	28	6	0	0	—	16.7	19.0	70	01	6	32	2	0	1	Cu	17.8	-0.4	10.1	20	-1	7	-2	67	0	19	8	145
	HURGHADA											01	8	30	4	1	3	Cu	18.0	-0.3	14.4	20	-2	9	-2	44	0	1	—	146
	QUSEIR	01	5	32	3	1	4	Ac	14.4	20.0	55	00	5	28	2	0	0	—	17.9	+0.1	16.5	23	0	14	0	56	0	tr	6	147
	PORT SUDAN	02	—	32	5	2	5	—	12	26	60	01	—	30	4	1	4	—	14.6	-0.9	23.5	26	-1	20	-1	62	0	66	92	169
NORTH SUDAN	WADI HALFA	01	8	30	2	0	2	Ac	13.6	25	16	01	8	32	2	0	2	Ci	17.7	-1.5	12.0	26	+2	10	+2	54	—	—	—	165
	KAREIMA	01	8	04	4	0	2	—	11.7	29	24	01	8	04	3	0	2	Ci	15.5	-1.3	16.7	30	0	12	0	26	0	0	1	166
	ATBARA	01	—	30	3	0	4	—	10	30	30	00	—	32	2	0	0	—	14.0	-0.9	20.0	30	0	16	+2	62	0	6	1	167
	KHARTÛM	18	7	32	4	1	5	—	7.7	33	25	00	8	02	3	0	0	—	12.5	-1.7	19.8	33	+1	17	+1	32	0	dr	5	168
	KASSALA	01	8	32	2	0	4	—	4.0	35	24	00	8	06	2	0	0	—	10.4	-2.3	22.0	35	+1	18	+2	58	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI	02	—	32	4	0	5	—	6	33	20	00	—	02	3	0	0	—	11.6	-1.8	20.8	34	0	17	+2	50	0	2	13	171
	DUEIM	01	—	20	3	0	4	—	7	33	20	00	—	—	—	0	0	—	11.2	-2.3	23.4	34	0	18	+4	39	0	14	12	173
	RENK	02	7	28	2	1	5	—	4.3	34	13												—		—					182
	ROSEIRES	01	—	32	1	0	4	—	3	36	10	00	—	32	1	0	0	—	8.3	-3.6	22.3	38	+2	16	0	52	0	27	37	172
	EL OBEID	02	8	04	2	1	5	—	6.1	32	33	00	8	04	2	0	0	—	13.2	-2.7	17.5	33	+2	15	+4	48	0	8	19	174
	EL FASHER	01	—	06	2	0	4	—	—	33	10	00	—	02	2	0	0	—	—	—	15.6	34	+4	11	+1	33	0	0	8	175
	GENEINA	01	8	06	2	0	3	Ac	—	33	12	02	8	08	2	0	5	Ac	23.8	—	12.8	36	—	10	—	45	0	dr	—	179
	KADUGLI	01	7	04	4	1	4	—	5.3	34	51																			187
S. SUDAN	MALAKAL	03	8	04	4	2	7	—	5.0	35	22	01	8	04	4	1	4	Ci	10.6	-0.9	22.7	36	+1	18	+1	41	0	83	93	176
	WAU	01	—	04	1	0	4	—	5	34	30	00	—	28	2	0	0	—	9.2	-2.1	20.6	36	+1	17	0	57	0	103	146	177
	JUBA	01	8	04	2	0	3	Cu	4.1	35	28	01	8	20	2	0	4	Ac	9.3	-1.5	25.6	36	-1	22	+2	62	0	231	141	178

UPPER WINDS الرياح العليا

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

SALÛM 7h	MATRÛH 7h	DIKHEILA 8h	CAIRO 8h30m	HELWAN 8h30m	ASYÛT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 6h	KHARTÛM 6h	KASSALA 6h	EL OBEID 6h	MALAKAL 6h	JUBA 6h	Salum 3rd 13h
2.00.00	02.15.05	02.10.25	02.03.30	02.03.25	05.03.20	02.10.10	03.03.25	06.06.45	06.01.40	06.09.10	07.03.35	06.03.55	06.23.10	02.02.10
5.12.05	05.05.05	04.08.30	05.04.35	05.04.35	10.02.20	05.04.20	06.02.35	10.08.30	10.05.40	10.02.30	10.05.30	10.03.60	10.24.10	05.03.05
.00.00	10.07.20	08.07.20	10.05.30	08.05.35	15.35.15	10.04.25	10.01.15	15.07.15	15.03.20	15.33.05	15.02.25	15.04.45	15.25.10	10.34.10
2.02.05	15.04.10	10.05.15	15.04.25	10.04.35	20.34.15	15.03.20	15.01.10	20.34.05	20.33.25	20.24.20	20.36.15	20.05.25	20.25.15	15.32.05
15.10.15	20.33.15	15.36.25	20.03.15	15.04.45		20.31.25	20.27.10	30.29.30	30.27.35		30.33.20	30.10.10	25.23.10	20.35.20
20.12.10		16.36.25		20.03.20			30.26.35	37.29.50	34.27.55			40.14.20		25.31.15
		cnt. Sc		23.33.10			40.28.45							
				25.30.10			41.29.50							
				30.28.20										
				40.02.05										
				50.30.15										

Forecast for 24 hours from noon on 4th
On the coast moderate northeast winds, veering to southeast. Inland moderate to fresh northeast to east winds.
Some medium cloud at first, high cloud later.
Slight rise in temperature by day.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤
على السواحل رياح معتدلة شمالية شرقية ثم تتحول الى جنوبية
شرقية - وفي الداخل رياح بين المعتدلة والنشيطة وبين شمالية
شرقية وشرقية. السحاب المتوسط الارتفاع اولا ثم السحاب العالي
يظهر بعض
ترتفع درجة الحرارة قليلا اثناء النهار .

STATION	Mean of day Humidity on	Diff. from normal	Wet bulb temp °C on	Diff. from normal
Alexandria	49	-16	10.2	-1.0
Ezbekiya	67	-3	9.4	-1.1
Giza	67	-8	7.7	-3.0
Helwan	55	-5	7.6	-1.6

Giza Grass minimum on 4th -0.4 °C

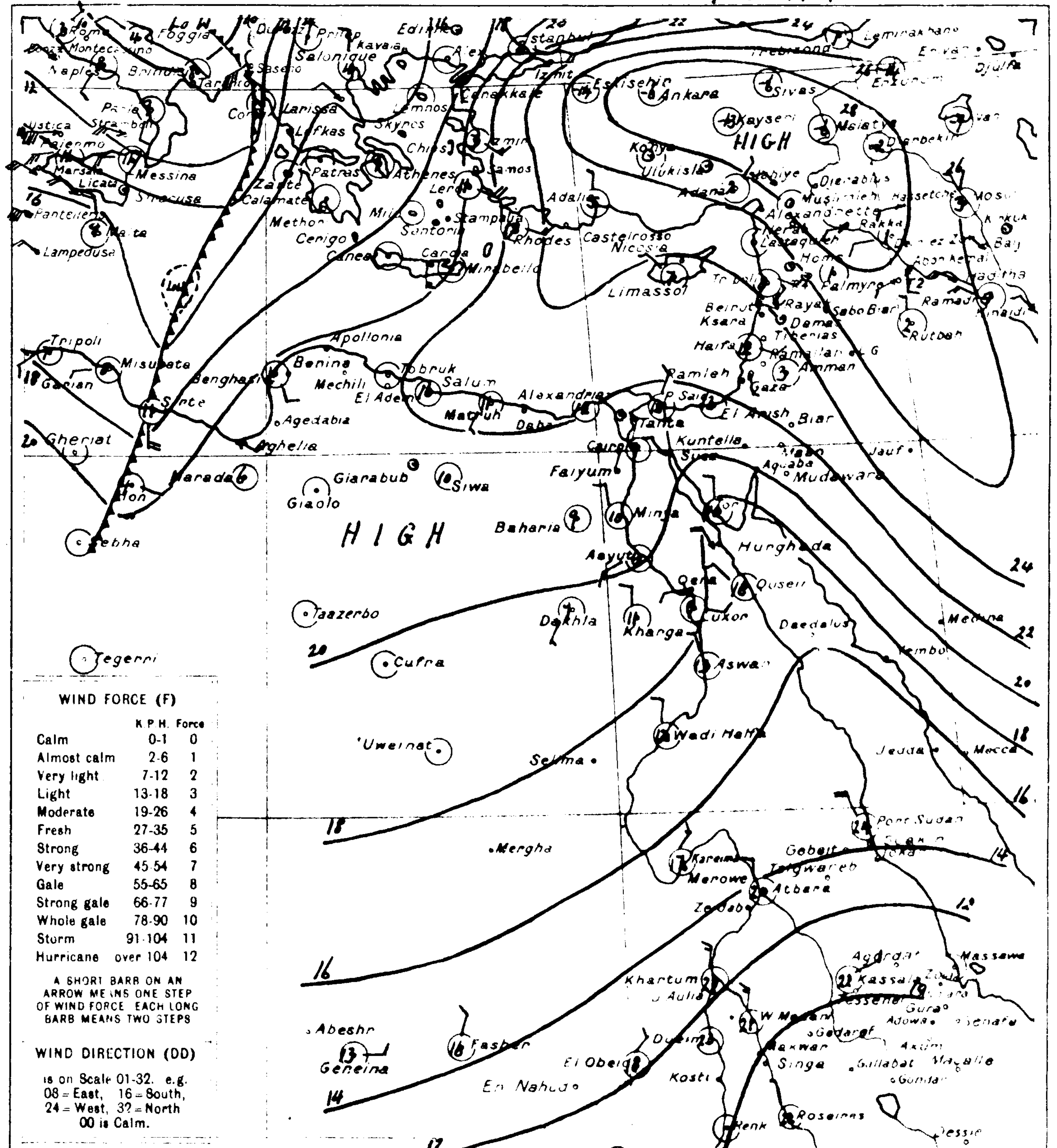
Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
4.1	1273	1331
3.1	1273	1271

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	4.1	13.54	+0.12	13.54	+0.11
Nasser	3.1	10.15	+2.72	10.19	+2.66
Malakal	4.1	12.63	+1.01	12.63	+0.98
Roseires	4.1	13.06	+0.70	13.08	+0.69
Sennar Res	3.1	20.70	—	20.70	—
J. Aulia U.S	3.1	375.63	—	375.63	—
J. Aulia D.S	3.1	372.22	+0.09	372.22	+0.08
Khartum	3.1	11.47	+0.20	11.48	+0.21
Khashm el Girba					
Atbara	3.1	11.02	+0.21	11.04	+0.20
Kajnarti	3.1	134.55	+0.40	134.60	+0.41
Aswan Res	4.1	120.23	—	120.12	—
Aswan D.S	4.1	86.57	+0.38	86.58	+0.39
Roda (Cairo)	3.1	14.75	-0.16	14.72	-0.26

Printed by the Survey & Mines Dept. 1938 (38-554)

١٩٣٩-١-٤ Isobars, Wind and Temperature at 8 h. 4-1-1939



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

General Situation

A wedge of high pressure extends from Asia Minor to western Egypt.
A depression over the Adriatic, with a small secondary off Benghasi, is moving eastwards, and pressure west of Egypt is falling.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000

At 8 h on 4th

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb	Maximum Yesterday	Maximum Diff.	Minimum Today	Minimum Diff. from norm	Humidity	Rainfall Past 24 hrs	Total	Normal
Limassol	00	7	28	1	0	0	—	23.1	+5.5	7	—	—	—	—	—	0	—	212
Haifa	00	—	10	2	—	0	—	23.0	+6.6	12.2	16	-2	8	0	59	0	320	329

SHIPS

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	[illegible]
20 "	[illegible]
50 "	[illegible]
Visibility over 50 km	[illegible]

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 52 m
" " Sunset 17 h 09 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY, 1939 ١٩٣٩ شهر يناير

At 14 h. on 4th — الساعة ١٤ يوم ٤ — At 8 h on THURSDAY 5th — الساعة ٨ يوم الخميس ٥

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALÛM	02	8	10	3	1	4	Sc	21.8	16.5	36	01	6	26	4	0	2	Cu	21.4	+2.9	9.4	17	—	7	—	54	0	35	—	130
MATRÛH	02	7	06	2	2	5	Cu	19.6	16.6	62	02	7	20	3	2	5	Cu	19.2	+0.6	11.2	18	0	11	+3	81	0	64	79	131
DEKHEILA	01	8	02	4	1	4	Cu	20.4	15.9	55	01	8	00	0	1	4	Cu	19.6	—	14.0	17	—	7	—	63	0	45	—	150
ALEXANDRIA	02	9	04	4	2	4	Ac	19.9	19.2	51	02	8	00	0	2	5	Ac	19.0	+0.1	16.3	20	+1	12	+1	64	0	111	103	132
DAMIETTA											04	6	26	1	0	2	Cu	18.2	—	11.4	17	—	8	—	83	0	28	45	159
PORT SAÎD	01	7	02	3	1	3	Ac	19.1	18.0	57	01	7	02	2	1	3	Ac	17.6	+0.2	14.7	19	0	10	-1	76	0	23	34	134
EL 'ARÎSH	00	7	02	4	0	0	—	20.3	16.2	51	00	7	00	0	0	0	—	19.4	—	11.5	16	—	9	—	—	0	69	35	135
DAMANHÛR											01	5	32	1	1	2	Cu	19.4	+0.7	8.2	19	-2	6	-2	83	0	10	.42	136
MANSÛRA											01	8	12	1	1	3	Sc	18.4	—	10.9	18	-3	8	0	71	0	24	18	137
TANTA	01	7	00	0	1	3	Cu	19.9	17.4	57	00	8	00	0	0	0	—	19.1	-0.4	8.0	20	0	3	-4	82	0	15	15	138
ZAGÂZÎG	02	7	04	2	1	4	Cc	19.2	17.6	60	00	7	30	1	1	0	—	19.0	—	9.4	18	-3	2	-4	87	0	10	11	139
CAIRO ALMÂZA	02	8	24	5	2	5	Cu	18.2	18.8	48	05	7	08	1	1	2	Sc	18.8	—	8.2	19	—	4	—	81	0	2	—	141
CAIRO EZBEKÎYA	01	8	04	1	1	3	Cu	18.6	18.0	46	01	6	02	1	4	2	Cu	18.7	-0.5	7.6	20	+1	6	-2	89	0	3	10	
CAIRO GÎZA	01	8	04	2	1	3	Cu	20.0	17.2	52	04	4	00	0	4	3	As	18.8	-0.9	6.6	18	-1	4	-2	91	0	3	11	
HELWAN	01	8	02	5	0	2	Cu	18.2	17.1	37	08	3	32	2	0	1	Ac	18.4	-1.2	8.6	17	-1	6	-2	79	0	9	10	143
SUEZ	00	9	02	3	0	0	—	17.9	17.2	45	00	7	32	2	0	0	—	18.2	-0.5	9.0	18	-2	6	-4	87	0	13	9	144
FAIYUM	00	7	02	4	0	0	—	17.9	18.6	45	00	6	30	2	0	0	—	18.8	-0.6	7.5	20	-1	4	-2	65	0	dr	4	153
MINYA	01	8	02	2	1	1	Cu	17.2	17.2	42	01	5	32	1	0	2	Cu	18.4	-1.9	6.1	18	-2	4	-3	87	0	2	—	154
ASYUT	00	8	26	3	0	0	—	16.6	19.0	38	00	6	22	3	0	0	—	18.4	-1.8	7.1	21	+1	5	-1	84	0	2	3	155
QENA	00	8	24	3	0	0	—	16.0	21.0	47	00	8	30	1	0	0	—	17.5	-1.7	11.0	22	-1	8	+1	75	0	dr	—	156
LUXOR	00	7	30	1	0	0	—	15.2	22.5	41	00	7	06	2	0	0	—	17.1	—	8.1	24	—	4	—	98	0	dr	—	157
ASWAN	01	7	32	2	1	3	Cu	13.1	23.7	28	00	7	02	1	0	0	—	16.0	-3.2	11.6	24	0	9	-1	46	0	1	—	158
SIWA	00	7	26	1	0	0	—	—	17.8	62	00	7	00	0	0	0	—	—	—	8.0	18	-1	1	-3	85	0	dr	5	148
BAHARIYA	00	9	00	0	0	0	—	17.5	18.0	36	00	9	00	0	0	0	—	20.4	—	7.0	18	—	—	—	71	0	0	—	149
KHARGA	00	8	04	3	0	0	—	16.3	20.7	34	00	8	32	1	0	0	—	17.0	-2.6	9.2	21	-2	4	-2	58	0	dr	tr	151
DAKHLA	00	7	02	1	1	2	Ci	17.2	20.0	55	00	5	24	1	0	0	—	18.8	-1.5	7.0	21	-1	5	0	84	0	dr	—	152
TOR	01	6	28	3	0	2	Cc	15.5	19.5	69	01	6	32	3	0	3	Cu	16.3	-1.9	9.5	21	0	6	-3	74	0	19	8	145
HURGHÂDA											01	9	30	3	1	3	Ci	16.3	-2.1	15.3	20	-2	9	-2	47	0	1	—	146
QUSEIR	00	5	04	3	0	0	—	17.4	20.3	66	00	5	24	2	0	0	—	16.7	-1.2	16.2	21	-2	14	0	49	0	tr	6	147
PORT SUDAN	02	—	02	4	1	5	—	13	27	60	00	—	32	3	0	0	—	13.5	-2.0	24.2	27	0	21	+1	66	0	66	92	1[illegible]9
WADI HALFA	01	8	02	3	0	2	Ac	16.0	24	20	01	7	02	1	0	3	Ac	17.2	-2.0	11.9	25	+1	8	0	43	—	—	—	165
KAREIMA	02	8	04	1	0	5	As,Ac	10.9	29	24	01	8	04	3	0	1	Ci	14.7	-2.1	17.0	29	-1	13	+1	34	0	0	1	166
ATBARA	01	—	28	3	0	4	—	9	30	20	00	—	32	2	0	0	—	13.5	-1.4	20.2	30	0	15	+1	53	0	6	1	167
KHARTÛM	01	8	32	2	0	2	—	7.8	35	24	01	8	02	3	0	2	Ci	11.5	-2.7	20.5	35	+3	20?	+4	41	0	dr	5	168
KASSALA	00	8	04	3	0	0	—	5.0	30	38	00	8	04	2	0	0	—	10.0	-2.7	21.3	33	-1	16	0	57	0	dr	11	170
WAD MEDANI	01	—	30	4	0	4	—	6	33	20	00	—	04	4	0	0	—	11.0	-2.4	21.0	33	-1	16	+1	51	0	2	13	171
DUEIM	01	—	24	3	0	4	—	8	32	20	00	—	—	3	0	0	—	11.0	-2.5	20.2	34	0	18	+4	43	0	14	12	173
RENK	00	6	28	2	0	0	—	5.5	34	18																			182
ROSEIRES	01	—	26	1	0	4	—	3	37	10	—	—	02	—	0	—	—	7.4	-4.5	22.1	38	+2	16	0	44	0	27	37	172
EL OBEID	01	8	06	4	0	4	—	6.7	31	27	01	8	32	3	0	4	Ci	13.1	-2.8	17.7	32	+2	13	+2	36	0	8	19	174
EL FASHER	01	—	32	2	0	4	—	—	32	10																		8	175
GENEINA	02	8	08	2	0	5	As	—	33	4	01	8	06	1	0	4	Ac	—	—	13.8	36	—	10	—	37	0	dr	—	179
KADUGLI	01	7	04	5	0	1	—	4.7	35	42																			187
MALAKAL	01	8	06	3	1	2	—	4.8	35	17	00	8	04	4	0	0	—	9.6	-1.9	22.9	35	0	17	0	31	0	83	93	176
WAU	01	—	04	3	0	4	—	4	36	10	00	—	28	1	0	0	—	8.4	-2.9	21.5	37	+2	18	+1	58	0	103	146	177
JUBA	02	8	32	2	0	5	Ac,Cu	3.6	35	37	02	8	02	1	0	5	Ac	8.0	-2.8	26.3	36	-1	20	0	55	0	231	141	178

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 4th
7 h	7 h		8 h 30 m	8 h 30 m	7 h	7 h	4 h	4 h	6 h	6 h	6 h	6 h	6 h	13 h
02.29.20	02.27.10		02.03.25	02.01.10	05.29.10	02.36.10	03.02.15	06.05.40	06.03.40	06.09.10	07.03.35	06.03.60	06.07.05	02.14.15
05.21.15	05.31.05		05.05.25	05.05.35	10.34.05	05.03.20	06.04.35	10.05.30	10.04.25	10.04.15	10.06.45	10.03.55	10.36.05	05.19.10
10.18.15	10.06.10		10.06.25	08.06.30	15.27.10	10.05.05	10.02.25	15.08.20	15.35.10	15.05.15	15.07.20	15.04.35	15.00.00	10.14.15
15.13.10	15.35.10		15.44.05	10.06.10	20.26.15	15.31.05	15.01.10	20.30.15	20.30.20	20.29.15	20.33.25	20.03.25		15.18.15
20.20.10	ent. Cu		20.00 00	15.12.05		20.29.15	20.29.15	30.27.30	30.28.40	30.24.10	30.26.25	30.05.10		ent. Cu.
25.24.20				20.00.00			23.30.15		40.27.35			36.10.15		
30.25.20				23.17.05					50.28.25					
35.25.40				25.18.05					60.32.40					
40.24.55				30.16.10					63.31.50					
				40.28.10										

Forecast for 24 hours from noon on 5th

On the coast light variable winds becoming westerly. Inland light to moderate winds chiefly northeast, backing later to westerly.
Clear or occasional medium cloud.
Possibly light rain on the coast in the west.
Little change in temperature.

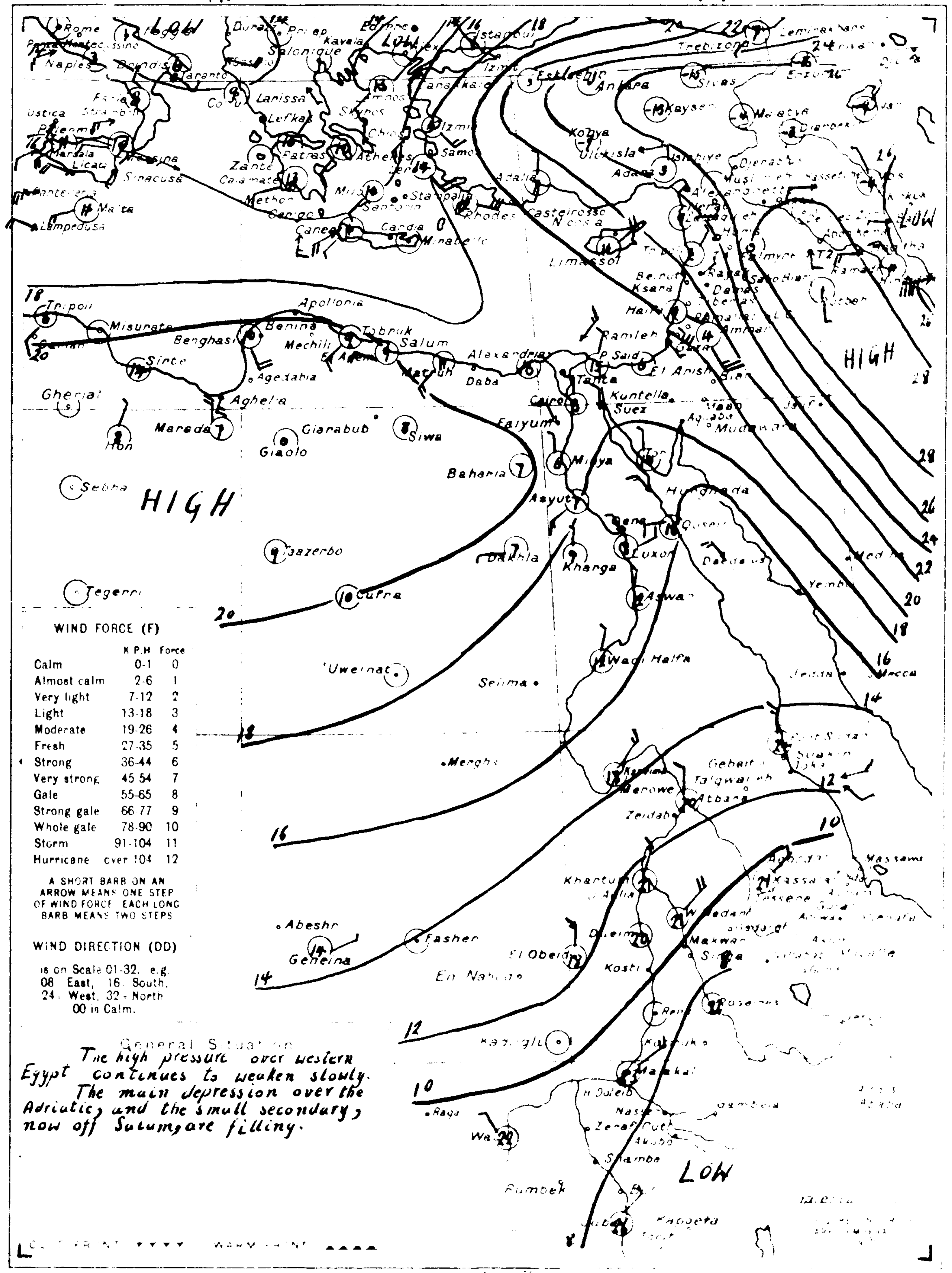
على الساحل رياح خفيفة مختلفة الاتجاه ثم تصير غربية
وفي الداخل رياح بين الخفيفة والمعتدلة أكثرها شمالية شرقية
ثم تصير غربية فيما بعد - السماء صحو او ظهور قليل من
السحاب المتوسط الارتفاع - يحتمل سقوط مطر خفيف على
الجزء الغربي من الساحل - ولا تتغير درجة الحرارة الا قليلا.

Station	Mean of day Humidity	Diff.	Mean of day Wet bulb temp.	Diff.
	4th		4th	
Alexandria	62	-3	11.1	-0.1
Ezbekiya	67	-3	9.6	-0.8
Giza	64	-11	9.4	-1.2
Helwan	56	-4	8.7	-0.4
Giza			5th	1.1

5.1	1273	1331
4.1	1273	1331

Gauge	Date 1939	Reading	Diff.	Previous day Reading	Diff.
Juba	5.1	13.54	+0.12	13.54	+0.12
Nasser	4.1	10.10	+2.76	10.15	+2.72
[illegible]	5.1	12.63	+1.04	12.63	+1.01
[illegible]	5.1	13.03	+0.70	13.06	+0.70
[illegible]	4.1	20.70	—	20.70	—
[illegible] Aulia D.S.	4.1	375.01	—	375.03	—
[illegible]	4.1	372.21	+0.09	372.22	+0.09
[illegible]	4.1	11.46	+0.20	11.47	+0.20
[illegible]	4.1	11.02	+0.23	11.02	+0.21
[illegible]	4.1	134.53	+0.41	134.55	+0.40
Aswan Res.	5.1	120.29	—	120.23	—
Aswan D.S.	5.1	86.56	+0.37	86.57	+0.38
Roda (Cairo)	5.1	14.77	-0.11	14.77	-0.12

.١٩٣٩-١-٥ Isobars, Wind and Temperature at 8 h. 5.1.1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The high pressure over western Egypt continues to weaken slowly. The main depression over the Adriatic, and the small secondary, now off Salum, are filling.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h on 5th

Station	ww	V	DD	F	W	N	C	PPP	Diff.	TTT	Max.	Diff.	Min.	Diff.	UU	Rain 24 hrs	Total	Normal
Limassol	01	7	04	4	0	1	—	20.6	+3.0	11	—	—	—	—	—	0	—	215
Haifa	00	—	10	2	—	0	—	19.7	+3.5	11.7	16	-2	8	0	52	0	320	343
Gaza	00	9	12	1	0	0	—	18.6	+1.7	7.7	22	+3	5	-3	83	0	277	170
Gaza 4th	00	—	08	1	0	0	—	23.1	+6.2	7.2	21	+2	5	-3	83	2	277	184

PRESENT WEATHER

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder in air	[illegible]
Distant Duststorm	[illegible]
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-39
Fog or thick haze	40-49
Mist	[illegible]
Thick	[illegible]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	68-69
Snow	70-79
Showers	80-89
... of Snow	83-84
... of [illegible]	[illegible]
... of Hail	[illegible]
Thunderstorm	90-99

PAST WEATHER (W)

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

Month JANUARY 1939

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 5th — At 8 h. on FRIDAY 6th

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm	Min. Today mm	Diff. from norm	Humidity UU	Rain past 24 hrs	Rain total	Rain normal	Station number
Mediterranean	SALÛM	01	8	20	3	0	3	Cu	19.1	16.3	32	01	6	26	5	0	2	Ac	18.2	-0.3	7.0	17	—	6	—	61	0	35	—	130
	MATRÛH	02	7	26	2	2	5	Cu	17.0	16.2	71	00	7	18	3	0	0	—	16.6	-2.0	8.7	17	-1	7	-1	77	0	64	80	131
	DIKHEILA	01	8	32	1	1	4	Cu	17.4	17.2	56	25	7	30	4	6	5	Cb	16.7	—	15.3	20	—	9	—	65	2	47	—	150
	ALEXANDRIA	02	9	04	1	2	4	Ac	16.7	18.6	56	02	8	32	2	5	5	Cu	16.0	-3.0	12.8	21	+2	11	0	93	1	112	105	132
	DAMIETTA											04	7	20	1	0	2	Cu	15.5	—	10.1	19	—	7	—	92	0	28	46	159
	PORT SAÎD	00	7	30	3	1	0	—	15.4	18.0	55	00	7	18	3	0	0	—	15.5	-1.9	11.3	21	+2	10	-1	92	0	23	35	134
	EL 'ARÎSH	00	7	30	1	0	0	—	16.0	16.1	68	00	7	00	0	0	0	—	16.2	—	8.0	19	—	5	—	79	0	69	36	135
Lower Egypt	DAMANHÛR											01	5	20	2	1	3	Cu	16.7	-2.0	8.0	16	-5	7	-1	89	0	10	43	136
	MANṢURA											01	7	20	2	0	2	Cu	15.8	—	7.9	20	-1	6	-2	88	0	24	18	137
	TANTA	02	7	00	0	1	4	Ac	15.6	19.5	55	00	7	22	1	0	0	—	16.8	-2.7	10.0	21	+1	5	-2	87	0	15	15	138
	ZAGÂZIG	01	8	04	1	1	2	Ci	16.0	19.9	55	01	8	20	1	1	2	Ci	16.7	—	7.9	21	0	4	-2	98	0	10	11	139
Middle Egypt (Cairo)	ALMÂZA	01	8	32	1	0	2	St	16.0	18.0	53	05	6	18	1	0	0	—	17.0	—	10.9	19	—	6	—	76	0	2	—	141
	EZBEKIYA	00	8	30	1	0	0	—	15.5	18.4	48	01	5	12	2	0	2	Cu	16.8	-2.4	9.3	20	+1	7	+1	86	0	3	10	
	GIZA	01	8	30	1	0	2	Cu	15.6	19.0	49	01	5	12	2	0	2	Cu	17.1	-2.7	8.0	19	0	4	-2	94	0	3	11	
	HELWÂN	00	8	02	2	0	0	—	14.6	18.2	38	09	5	00	0	0	0	—	17.1	-2.5	8.0	19	+1	7	-1	94	0	9	10	143
	SUEZ	00	9	32	2	0	0	—	15.1	18.3	52	00	6	32	1	0	0	—	16.8	-1.9	8.3	19	-1	6	-4	92	0	13	9	144
Upper Egypt	FAIYÛM	00	7	32	2	0	0	—	15.5	19.4	43	09	5	30	1	0	0	—	17.8	-1.6	—	21	+1	5	-1	—	0	dr	4	153
	MINYA	00	7	32	2	0	0	—	15.5	17.7	47	00	5	28	1	0	0	—	17.6	-2.7	6.2	19	-1	4	-3	82	0	2	—	154
	ASYUT	00	8	26	3	0	0	—	15.6	18.8	39	00	6	22	2	0	0	—	17.6	-2.7	8.0	19	-1	5	-1	72	0	2	3	155
	QENA	00	8	24	2	0	0	—	14.6	22.0	43	00	8	24	1	0	0	—	17.0	-2.2	8.4	23	0	7	0	78	0	dr	—	156
	LUXOR	00	7	10	2	0	0	—	14.2	24.9	40	00	7	10	1	0	0	—	16.7	—	6.8	26	—	3	—	81	0	dr	—	157
	ASWÂN	00	7	32	1	0	0	—	12.0	24.5	21	00	7	00	0	0	0	—	16.3	-2.9	12.2	25	+1	8	-2	43	0	1	—	158
Western Desert	SIWA	00	7	22	1	0	0	—	—	18.0	60	00	7	00	0	0	0	—	—	—	3.0	20	+1	1	-3	88	0	dr	5	148
	BAHARIYA	00	9	00	0	0	0	—	17.8	17.3	50	00	9	00	0	0	0	—	17.9	—	7.0	18	—	—	—	71	0	0	—	149
	KHARGA	00	8	04	2	0	0	—	14.0	20.1	31	00	8	32	1	0	0	—	18.4	-1.2	7.5	21	-2	3	-3	54	0	dr	[illegible]	151
	DAKHLA	00	8	28	2	0	0	—	16.2	19.6	58	00	6	00	0	0	0	—	19.0	-1.3	6.3	20	-2	3	-2	81	0	dr	—	152
Red Sea	TOR	00	6	28	2	0	0	—	15.4	21.0	65	00	6	32	3	0	0	—	15.2	-3.1	10.3	22	+1	7	-2	71	0	19	8	145
	HURGHADA											00	9	30	4	0	0	—	15.6	-2.9	16.5	22	0	10	-1	49	0	1	—	146
	QUSEIR	00	5	32	2	0	0	—	15.6	20.3	70	00	5	24	2	0	0	—	19.0	+1.1	15.0	23	0	13	-1	68	0	5	6	147
	PORT SUDAN	03	—	02	5	1	—	—	10	27	60	01	—	32	3	1	3	—	12.8	-2.7	23.5	28	+1	21	+1	65	0	66	92	169
North Sudan	WADI HALFA	01	8	02	2	0	3	Ac	13.7	25	25	03	8	32	1	1	7	Cs	16.9	-2.3	10.3	26	+2	7	-1	50	—	—	—	165
	KAREIMA	00	8	02	2	0	3	—	10.3	29	19	00	8	04	2	0	1	[illegible]	14.4	-2.4	17.0	30	0	14	+2	34	0	0	1	166
	'ATBARA	02	—	30	2	0	—	—	9	31	20	00	—	32	3	0	0	—	13.4	-1.5	20.0	31	+1	15	+1	40	0	6	1	167
	KHARTÛM	00	8	02	3	0	1	—	6.4	35	17	01	8	02	2	0	5	Ci	12.4	-1.8	20.0	35	+3	19	+4	40	0	dr	5	168
	KASSALA	00	8	06	1	0	0	—	5.5	33	30	00	8	04	2	0	0	—	10.0	-2.7	20.8	34	0	15	-1	57	0	dr	11	170
Central Sudan	WAD MEDANI	01	—	30	4	0	—	—	6	33	10	00	—	04	4	0	0	—	10.8	-2.6	21.9	35	+1	17	+2	30	0	2	13	171
	DUEIM	01	—	24	3	0	—	—	7	34	10	00	—	24	3	0	0	—	11.1	-2.4	20.6	35	+1	18	+4	42	0	14	12	173
	RENK	00	7	28	2	0	0	—	4.6	35	19																			182
	ROSEIRES	01	—	30	1	0	—	—	2	37	10	00	—	30	1	0	0	—	7.6	-4.3	22.0	37	+1	16	0	41	0	27	37	172
	EL OBEID	00	8	32	1	0	0	—	5.2	33	12	02	8	04	1	0	4	Ci	12.0	-3.9	18.0	33	+3	12	+1	36	0	8	19	174
	EL FASHER	01	—	06	2	0	—	—	—	33	10	00	—	02	2	0	0	—	—	—	17.3	34	+4	12	+2	31	0	0	8	175
	GENEINA	00	8	00	0	0	0	—	—	34	10	02	8	02	1	1	5	Cs, Ac	—	—	12.7	35	—	10	—	35	0	dr	—	179
	KADUGLI	00	7	04	5	0	2	—	5.1	35	68																			187
S. Sudan	MALAKÂL	01	8	04	4	1	4	Ac	4.3	35	16	03	8	04	4	1	6	Ci, Ac	10.0	-1.5	22.3	35	0	17	-1	32	0	83	93	176
	WÂU	02	—	08	1	0	—	—	2	37	10	02	—	12	1	0	5	—	8.5	-2.8	20.5	37	+2	19	+2	66	0	103	146	177
	JÛBA	02	8	08	1	0	5	Cu	3.1	35	36	02	8	08	1	0	4	Ac	8.0	-2.0	23.0	36	-1	19	-1	68	0	23.1	141	178

UPPER WINDS

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

SALÛM h m — MATRÛH h — DIKHEILA — CAIRO h m — HELWÂN h m — ASYÛT h m — ASWÂN h m — WADI HALFA 5 h — KAREIMA 6 h — KHARTÛM 6 h — KASSALA 6 h — EL OBEID 6 h — MALAKÂL 6 h — JUBA 6 h — Salum 5th 13 h

03.05.10 06.05.15 60.06.03.45 06.10.10 07.04.40 06.03.60 06.10.15 02.18.20
06.04.30 10.07.40 10.04.25 10.07.10 10.06.40 10.03.75 10.10.10 05.23.20
10.01.30 15.06.20 15.05.10 15.07.30 15.03.15 15.05.45 15.11.10 10.23.35
15.33.15 20.01.15 20.02.5 20.03.10 20.03.10 20.05.40 20.11.20 15.23.20
20.30.15 30.35.00 30.01.15 30.30.5 30.04.10 30.13.25 20.25.20
28.35.10 31.34.15 34.07.15

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Humidity on 5th	Diff. from normal	Wet bulb temp on 5th	Diff. from normal
Alexandria	63	-2	13.1	+2.0
Ezbekiya	77	+7	9.9	-0.5
Giza	80	+5	10.1	-0.5
Helwan	66	+6	9.5	+0.5

Giza Grass minimum on 6th 0.6 °C

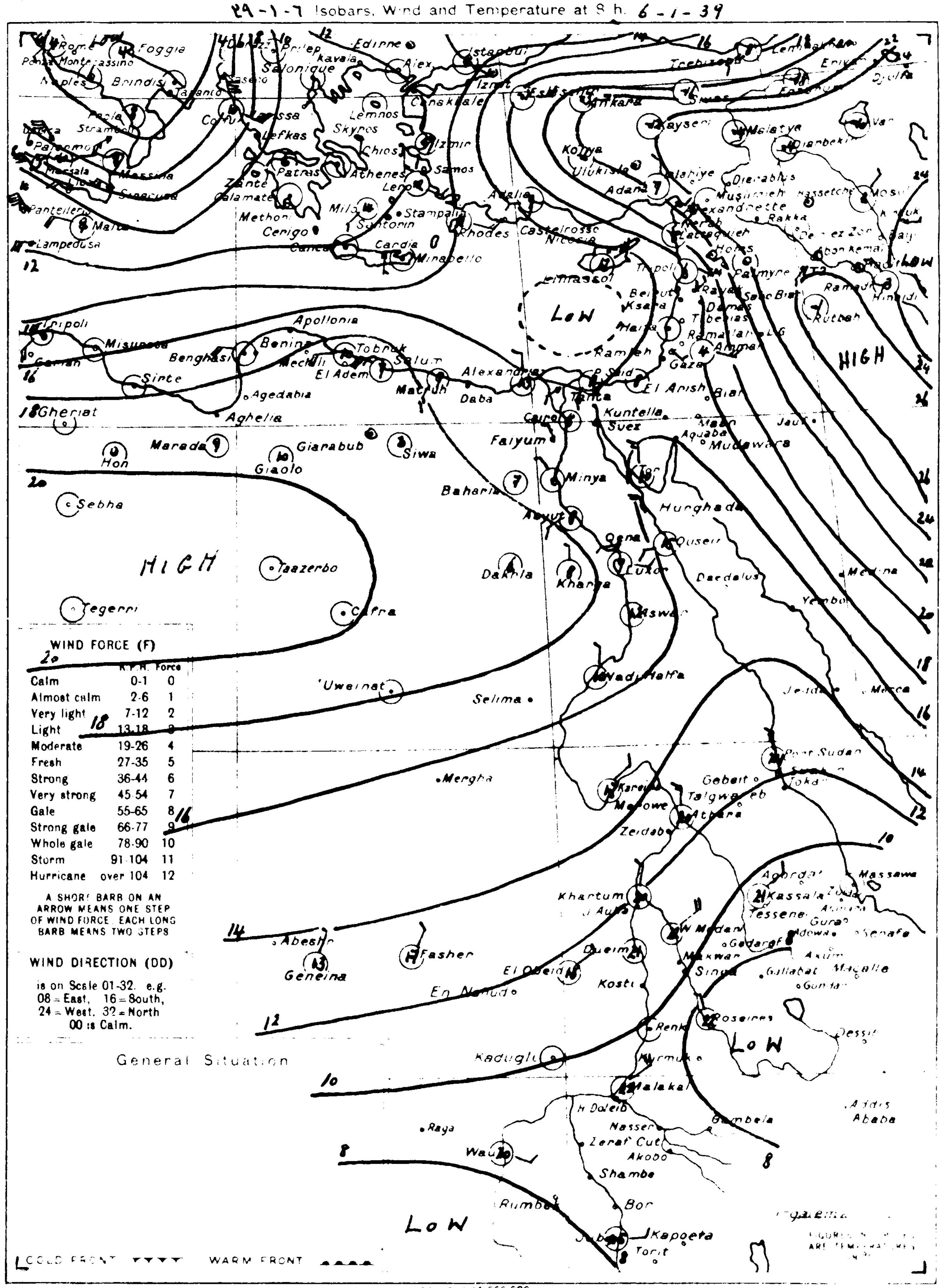
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
6.1	1273	1331
5.1	1273	1331

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	6.1	13.57	+0.16	13.54	+0.17
Nasser	6.1	9.98	+2.83	10.05	+2.81
Malakal	6.1	12.63	+1.07	12.63	+1.04
Roseires	6.1	13.00	+0.69	13.03	+0.70
Sennâr Res	6.1	20.70	—	20.70	—
J. Aulia U S	5.1	375.05	—	375.01	—
J. Aulia D S	5.1	372.20	+0.10	372.21	+0.09
Khartûm	6.1	11.45	+0.21	11.46	+0.21
Kh. el Girba					
'Atbara	6.1	11.00	+0.23	11.00	+0.22
Kajnarti	6.1	134.49	+0.43	134.52	+0.43
Aswân Res	6.1	120.35	—	120.29	—
Aswân D S	6.1	86.55	+0.36	86.56	+0.37
Rôda (Cairo)	6.1	14.79	-0.08	14.77	-0.11

Printed by the Survey & Mines Dept. 1938 (38 554)

٢٩-١-٦ Isobars, Wind and Temperature at 8 h. 6-1-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

SCALE 1:14,000,000

At 8 h. on 6th

Station	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Rain past 24 hrs	Total	Normal
Limassol	01	6	06	6	1	3	—	15.1	-2.5	12	—	—	—	—	—	0	—	218
Haifa	00	—	10	2	—	0	—	17.4	+1.0	11.6	16	-2	9	+1	46	0	320	343
Gaza	00	9	08	1	0	0	—	16.2	-0.7	9.1	22	+3	5	-3	83	0	277	190

SHIPS

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	
[illegible]	
20	
50	

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 06h 52m
" " Sunset 17h 11m

Month JANUARY, 1939 — شهر يناير

At 14h on 6th — At 8h on SATURDAY 7th — السبت ٧

At 14 h on 6th

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs (PPP)	Temp. (TTT)	% Humidity (UU)
MEDITERRANEAN										
SALÛM	02	7	22	6	1	4	Cu	16.4	17.0	28
MATRÛH	02	7	22	4	1	4	Cu	15.1	18.1	52
DIKHEILA	02	8	24	4	5	4	Cu	16.6	17.1	48
ALEXANDRIA	02	9	24	4	5	4	Ac	15.6	17.5	54
DAMIETTA										
PORT SAÎD	00	8	26	3	0	0	—	14.7	18.3	56
EL 'ARÎSH	01	7	30	1	1	2	Cu	15.0	17.2	70
LOWER EGYPT										
DAMANHÛR										
MANSÛRA										
TANTA	02	7	28	4	1	5	Cu	16.3	19.5	55
ZAGÂZÎG	01	8	28	1	1	3	Cs	16.0	20.6	55
MIDDLE EGYPT										
CAIRO ALMÂZA	02	8	22	2	1	5	Cu	16.2	17.9	53
CAIRO EZBEKIYA	02	8	26	2	1	4	Cu	15.6	18.6	43
CAIRO GÎZA	01	8	00	0	1	4	Cu	15.8	20.8	47
HELWÂN	02	8	26	1	1	4	Cu	15.6	17.0	51
SUEZ	02	9	02	2	1	4	As	15.2	18.0	59
UPPER EGYPT										
FAIYÛM	01	6	00	0	0	4	Cu	—	19.6	47
MINYA	02	8	26	2	1	4	As	16.4	18.5	50
ASYÛT	02	8	22	3	1	5	St	16.4	18.0	45
QENA	02	8	22	3	1	5	Cu	15.4	19.2	39
LUXOR	02	7	04	1	2	5	Cu	14.8	22.3	36
ASWÂN	01	7	32	2	1	3	Ci	13.6	22.0	11
WESTERN DESERT										
SIWA	00	7	22	1	0	0	—	—	18.3	54
BAHARÎYA	02	9	24	1	1	4	—	16.3	19.0	46
KHARGA	02	7	04	3	1	4	Cs	15.4	20.1	40
DAKHLA	02	7	30	2	2	5	As	16.7	18.1	31
RED SEA										
TOR	01	6	28	3	0	4	Cc	13.6	20.2	54
HURGHADA										
QUSEIR	02	5	32	2	1	4	Ac	15.4	21.0	69
PORT SUDAN	01	—	04	2	0	—	—	11	27	60
NORTH SUDAN										
WADI HALFA	02	7	02	3	1	5	Ac	14.5	25	22
KAREIMA	04	8	06	2	1	3	—	10.0	30	29
'ATBARA	01	—	30	2	0	—	—	6	31	10
KHARTÛM	04	8	32	3	0	2	—	6.6	35	21
KASSALA	00	9	02	1	0	0	—	4.1	32	23
CENTRAL SUDAN										
WAD MEDANI	01	—	30	4	0	—	—	5	35	10
DUEIM										
RENK	00	7	08	2	0	0	—	4.8	35	15
ROSEIRES	01	—	28	1	0	—	—	3	36	20
EL OBEID	01	9	06	2	0	4	—	5.2	32	24
EL FASHER	01	—	10	3	0	—	—	—	33	10
GENEINA										
KADUGLI										
S. SUDAN										
MALAKÂL	02	8	04	4	1	7	Ac	4.7	35	13
WAU	02	—	32	1	0	—	—	4	35	10
JUBA	02	8	04	3	0	5	Fn	1.2	33	8

At 8 h on Saturday 7th

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity (UU)	Rain Past 24 hrs mms	Total since Oct. 1 mms	Normal since Oct. 1 mms	Station Number
SALÛM	00	6	18	5	0	0	—	16.0	-2.5	8.4	17	—	6	—	66	tr	35	—	130
MATRÛH	00	7	16	4	0	0	—	15.4	-3.2	9.6	18	0	7	-1	69	0	64	82	131
DIKHEILA	01	8	18	4	1	1	Cu	18.0	—	14.0	17	—	7	—	66	2	49	—	150
ALEXANDRIA	00	9	20	2	0	0	—	17.1	-1.9	11.2	18	-1	9	-2	58	dr	112	107	132
DAMIETTA	04	7	16	1	0	0	—	17.5	—	8.7	18	—	5	—	80	0	28	47	159
PORT SAÎD	00	7	20	2	0	0	—	17.4	-0.1	11.4	20	+1	9	-2	81	0	23	36	134
EL 'ARÎSH	00	7	00	0	0	0	—	17.8	—	8.8	18	—	6	—	89	0	69	37	135
DAMANHÛR	01	5	20	1	1	2	Cu	17.6	-1.1	7.0	20	0	6	-2	71	0	10	44	136
MANSÛRA	00	8	12	2	0	0	—	17.9	—	6.0	20	0	4	-4	78	0	24	19	137
TANTA	00	7	20	2	0	0	—	18.2	-1.3	9.0	21	+1	6	-1	67	0	15	16	138
ZAGÂZÎG	00	8	20	1	0	0	—	19.5	—	7.8	20	0	3	-3	73	0	10	11	139
CAIRO ALMÂZA	05	6	14	2	0	1	Sc	18.3	—	10.7	19	—	6	—	58	0	2	—	141
CAIRO EZBEKIYA	05	6	16	1	0	0	—	18.7	-0.5	7.6	21	+2	7	0	68	0	3	10	—
CAIRO GÎZA	05	6	00	0	0	3	Cs	18.7	-1.1	7.6	22	+3	3	-3	77	0	3	11	—
HELWÂN	05	7	00	0	0	0	—	18.8	-0.8	7.4	19	+1	6	-2	68	0	9	10	143
SUEZ	00	7	00	0	0	0	—	18.6	-0.1	9.4	20	0	6	-4	82	0	13	9	144
FAIYÛM	00	7	00	0	0	0	—	18.8	-0.7	7.0	21	+1	3	-3	71	0	dr	4	153
MINYA	00	6	02	1	0	0	—	17.9	-2.4	7.8	19	-1	4	-2	76	0	2	—	154
ASYÛT	00	6	10	2	0	0	—	19.6	-0.7	7.1	19	-1	4	-2	84	0	2	3	155
QENA	00	7	28	1	0	0	—	18.6	-0.6	9.8	21	-2	5	-2	80	0	dr	—	156
LUXOR	00	7	14	2	0	0	—	18.8	—	8.2	24	—	4	—	81	0	dr	—	157
ASWÂN	00	7	00	0	0	0	—	18.4	-0.8	12.1	23	-1	8	-2	50	0	1	—	158
SIWA																			148
BAHARÎYA	00	9	00	0	0	0	—	19.8	—	6.0	19	—	—	—	70	0	0	—	149
KHARGA	00	8	00	0	0	0	—	—	—	8.2	21	-2	4	-2	63	0	dr	tr	151
DAKHLA	00	5	00	0	0	0	—	19.6	-0.7	4.3	20	-2	3	-2	62	0	dr	—	152
TOR	00	6	32	3	0	0	—	16.7	-1.6	11.0	22	+1	8	-1	63	0	19	8	145
HURGHADA	00	9	26	3	0	0	—	17.0	-1.6	13.5	22	0	8	-3	99	0	1	—	146
QUSEIR	00	4	24	1	0	0	—	17.1	-0.8	14.2	22	-1	10	-4	48	0	tr	6	147
PORT SUDAN	00	—	28	1	0	0	—	14.2	-1.3	25.2	28	+1	21	+1	61	0	66	93	169
WADI HALFA	01	8	28	1	1	1	Ci	18.4	-0.8	11.8	25	+1	9	+1	43	—	—	—	165
KAREIMA	01	8	04	3	0	3	Ci	15.6	-1.2	16.0	30	0	14	+2	32	0	0	1	166
'ATBARA	00	—	32	3	0	0	—	14.8	-0.1	19.0	31	+1	14	0	30	0	6	1	167
KHARTÛM	01	8	02	3	0	2	Ci	12.5	-1.7	19.3	35	+3	19	+4	23	0	dr	5	168
KASSALA	00	8	08	1	0	0	—	11.1	-1.6	21.3	33	-1	16	0	49	0	dr	11	170
WAD MEDANI	01	—	04	4	0	4	—	12.2	-1.2	21.6	35	0	17	+2	19	0	2	13	171
DUEIM	00	—	28	4	0	0	—	11.8	-1.7	21.6	35	+2	19	+5	39	0	14	12	173
RENK																			182
ROSEIRES	00	—	32	1	0	0	—	9.1	-2.8	22.4	38	+2	17	+1	36	0	27	37	172
EL OBEID	02	8	04	3	1	5	Ci	12.3	-3.6	18.9	33	+3	14	+3	30	0	8	19	174
EL FASHER	00	—	04	2	0	0	—	—	—	16.8	33	+3	13	+3	32	0	0	8	175
GENEINA	17	6	08	1	0	4	AcCu	—	—	11.2	35	—	10	—	52	0	dr	—	179
KADUGLI																			187
MALAKÂL	03	8	04	4	2	8	Cs, Ac	10.2	-1.3	23.3	36	+1	18	0	33	0	83	93	176
WAU	01	—	32	1	0	4	—	9.9	-1.4	23.2	36	+1	19	+2	54	0	103	146	177
JUBA	02	8	32	3	8	5	Sc	10.3	-0.5	26.7	36	-1	20	0	63	dr	231	141	178

UPPER WINDS — الرياح العليا

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

SALÛM 7h	MATRÛH A.P. 19h	DIKHEILA 8h	CAIRO 8h 30m	HELWÂN 8h 30m	ASYÛT 7h	ASWÂN 7h	WADI HALFA 4h	KAREIMA 4h	KHARTÛM 6h	KASSALA 6h	EL OBEID 7h	MALAKÂL 6h	JUBA 6h	Geneina 5h
02.20.30	02.23.60	02.24.40	02.21.20	02.18.05	05.02.10	02.01.20	03.05.15	06.07.45	06.02.45	06.06.15	07.05.35	06.04.55	06.09.15	10.07.25
05.23.55	05.24.55	05.24.30	05.25.15	05.23.10	10.35.15	05.03.25	06.06.30	10.07.55	10.04.20	10.01.30	10.06.35	10.04.55	10.10.15	15.03.15
10.24.40	10.24.40	10.25.25	10.28.10	08.26.15	15.28.45	10.01.50	10.04.25	15.06.55	15.36.15	15.05.10	15.02.15	15.04.30	15.11.30	20.25.10
15.24.65		15.27.30	15.33.15	10.27.10	20.28.55	15.34.60	15.—.25	20.07.45	20.34.15	20.27.15	20.29.05	20.04.20	20.13.15	30.26.20
20.24.45		20.28.35		15.32.15		20.33.35	20.29.20	21.08.35	30.31.20	30.21.25	30.33.10	30.11.10	30.23.15	
		25.29.30		20.29.10			30.29.50			40.21.20		40.13.15	40.24.10	
				23.27.20						50.21.05				
				25.28.30						60.19.25				
				30.27.50										
				40.26.65										

Forecast for 24 hours from noon on 7th

On the coast moderate southwest winds, becoming fresh or strong and veering later to west. Inland light to moderate southerly winds, becoming fresh southwesterly.
Clear or occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٧
على السواحل رياح معتدلة جنوبية غربية ثم تصير نسيمها شديدة وتتحول فيما بعد الى غربية — وفي الداخل رياح بين الخفيفة والمعتدلة جنوبية ثم تصير جنوبية غربية وتشتد قوتها
السماء صحو او ظهر بعض السحاب المتوسط الارتفاع
ولا تتغير درجة الحرارة الا قليلا.

Station	Mean of day Humidity on 6th	Diff. from normal	Mean of day Wet Bulb Temp. on 6th	Diff. from normal
Alexandria	70	+4	11.9	+0.9
Ezbekiya	69	-1	9.8	-0.6
Giza	65	-9	10.1	-0.4
Helwân	66	+7	9.3	+0.3

Giza Grass minimum on 7th -0.6 °C

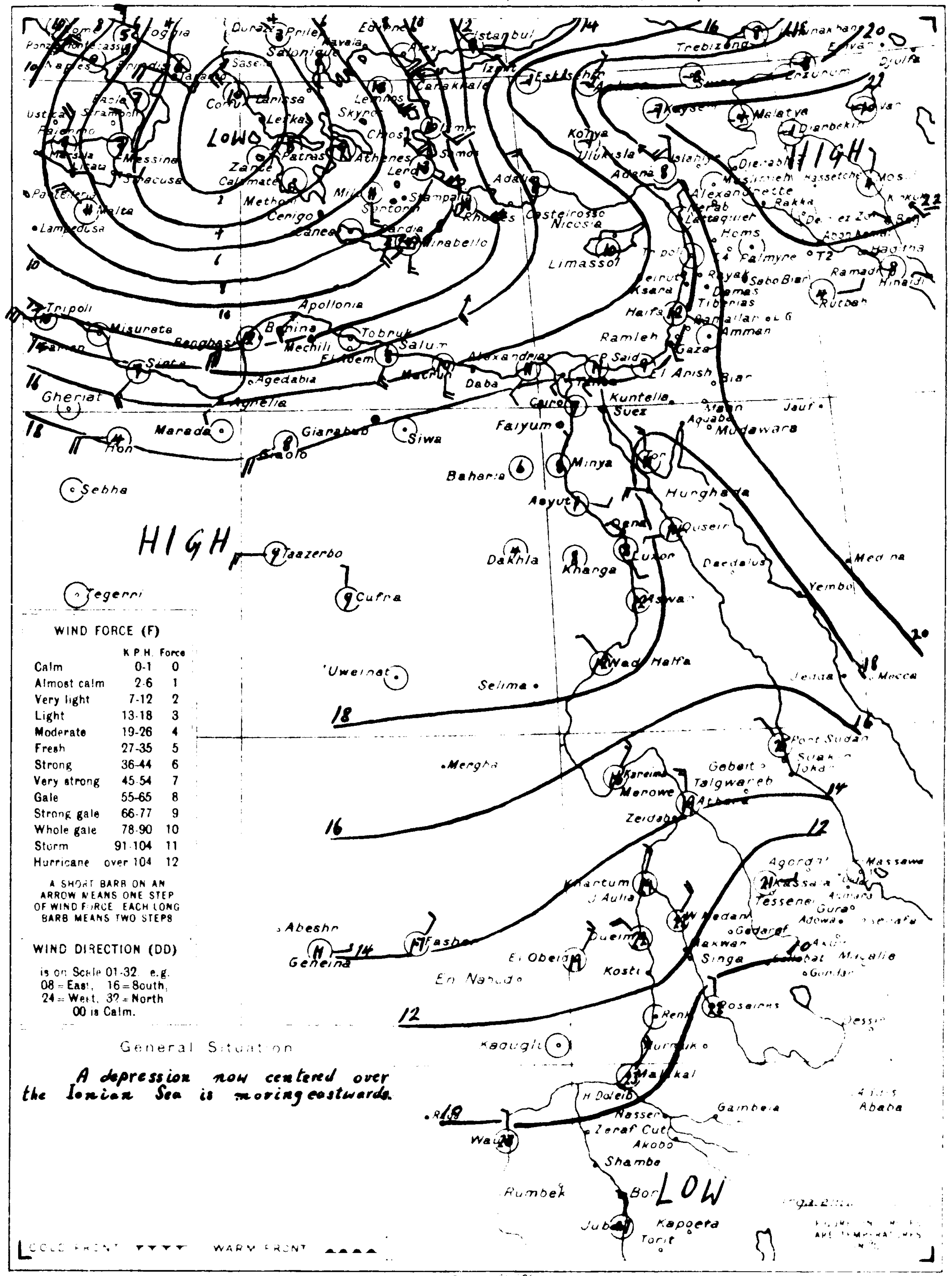
Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
7.1	1274	1271
6.1	1273	1331

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	6.1	13.57	+0.16	13.54	+0.12
Nasser	6.1	9.98	+2.83	10.05	+2.81
Malakâl	7.1	12.63	+1.11	12.63	+1.07
Roseires	7.1	12.99	+0.70	13.00	+0.69
Sennâr Res.	6.1	20.70	—	20.70	—
J. Aulia U.S.	5.1	375.05	—	375.01	—
J. Aulia D.S.	5.1	372.20	+0.10	372.21	+0.09
Khartum	6.1	11.45	+0.21	11.46	+0.21
Khashm el Girba					
'Atbara	6.1	11.00	+0.23	11.00	+0.22
Kajnarti	6.1	134.49	+0.43	134.52	+0.43
Aswân Res.	7.1	120.43	—	120.35	—
Aswân D.S.	7.1	36.55	+0.36	36.55	+0.36
Roda (Cairo)	7.1	14.79	-0.07	14.79	-0.08

Printed by the Survey & Mines Dept. 1938 (38-554)

٧-١-٣٩ Isobars, Wind and Temperature at 8 h. 7-1-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

WIND DIRECTION (DD)

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

General Situation

A depression now centered over the Ionian Sea is moving eastwards.

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

At 8 h on 7th — ٧

Station	Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	% Humidity	Rain Past 24 hrs	Total	Normal
Limasol	01	6	00	0	6	3	—	15.5	-2.3	10	—	—	—	—	—	8	—	222
Halfa	02	—	10	1	—	4	—	18.0	+1.6	11.7	17	-1	7	+1	74	0	320	347
Gaza	01	7	14	1	1	3	—	17.6	+0.7	9.0	23	+4	7	-1	86	0	277	143

SHIPS — سفن

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Nimbus	Nb
Nimbostratus	Ns
Cumulus	Cu
Cumulonimbus	Cb

ANNUAL SUBSCRIPTION: INLAND POST P.T. 90, ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 52 m
" " Sunset 17 h 12 m

Month JANUARY, 1939   ١٩٣٩   شهر يناير

MINISTRY OF PUBLIC WORKS   PHYSICAL DEPARTMENT   1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 7th — الساعة ١٤ يوم ٧ | At 8 h. on SUNDAY 8th — الساعة ٨ يوم الأحد ٨

Region	Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs (PPP)	Temp. °C (TTT)	Humidity % (UU)	8h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity % (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	12	6	16	7	0	0	—	13.1	16.2	28	00	6	16	6	0	0	—	13.3	-5.2	7.7	17	—	7	—	61	0	35	—	130
	MATRÛH	00	7	18	5	0	0	—	13.4	18.4	48	00	7	16	3	0	0	—	13.5	-5.1	9.1	19	+1	6	-2	58	0	64	83	131
	DIKHEILA	01	8	22	4	0	2	Cu	16.7	18.8	33	00	8	12	2	0	0	—	17.6	—	7.0	19	—	5	—	61	0	49	—	150
	ALEXANDRIA	00	9	20	4	0	0	—	15.9	18.1	47	00	9	14	4	0	0	—	16.2	-2.8	9.0	18	-1	7	-4	70	0	112	108	132
	DAMIETTA											00	8	16	1	0	0	—	17.0	—	9.9	20	—	5	—	75	0	28	48	159
	PORT SAÎD	00	7	22	2	0	0	—	16.3	18.5	46	00	7	18	2	0	0	—	17.2	-0.3	11.4	19	0	8	-3	67	0	23	36	134
	EL 'ARÎSH											00	7	00	0	0	0	—	17.8	—	11.2	19	—	4	—	85	0	69	37	135
LOWER EGYPT	DAMANHÛR											00	4	08	2	0	0	—	16.7	-2.0	7.3	20	0	6	-1	73	0	10	45	136
	MANSÛRA											00	8	14	1	0	0	—	17.1	—	6.0	19	-1	4	-3	70	0	24	19	137
	TANTA	00	7	22	4	0	0	—	16.6	20.0	40	00	7	00	0	0	0	—	17.4	-2.1	9.0	20	0	5	-2	61	0	15	16	138
	ZAGÂZIG	02	8	20	1	1	4	Cc	16.6	19.4	42	00	7	10	1	0	0	—	17.9	—	6.4	20	0	3	-3	76	0	10	11	139
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	16	2	0	1	Cu	17.1	18.4	44	00	8	10	2	0	0	—	17.5	—	11.6	19	—	7	—	51	0	2	—	141
	CAIRO EZBEKIYA	00	9	20	1	0	0	—	16.7	19.0	36	00	6	00	0	0	0	—	17.0	-2.2	8.0	21	+2	6	-1	62	0	3	10	—
	CAIRO GIZA	00	8	16	2	0	0	—	16.4	20.2	37	05	6	16	2	0	2	Cc	17.4	-2.4	7.8	21	+2	3	-3	67	0	3	11	—
	HELWÂN	00	9	00	0	0	0	—	16.6	17.8	35	00	8	10	2	0	0	—	17.2	-2.4	10.1	18	0	7	-1	40	0	9	11	143
	SUEZ	00	9	00	0	0	0	—	16.8	19.6	42	00	7	32	1	0	0	—	17.5	-1.2	7.8	21	+1	4?	-6	72	0	13	9	144
UPPER EGYPT	FAIYUM	00	8	18	1	0	0	—	17.1	19.3	35	00	7	14	2	0	0	—	18.0	-1.5	7.5	22	+2	3	-3	65	0	dr	4	153
	MINYA	00	9	32	1	0	0	—	17.0	18.4	41	00	7	16	2	0	0	—	17.5	-2.8	8.7	20	0	5	-1	51	0	2	—	154
	ASYUT	00	8	04	2	0	0	—	17.2	18.8	39	00	8	10	3	0	0	—	18.2	-2.1	7.1	21	+1	4	-2	70	0	2	3	155
	QENA	00	8	24	1	0	0	—	16.7	21.8	42	02	7	32	1	1	5	Ac	18.4	-0.8	7.0	24	+1	2	-5	63	0	dr	—	156
	LUXOR	00	7	30	2	0	0	—	16.4	22.4	42	03	6	10	2	2	6	Cu	18.4	—	5.8	23	—	3	—	87	0	dr	—	157
	ASWAN	01	7	32	1	1	3	Cu	15.6	21.5	23	01	7	00	0	1	3	Cu	17.5	-1.7	11.0	22	-2	8	-2	43	0	1	—	158
WESTERN DESERT	SIWA	00	7	22	4	0	0	—	—	20.2	48																		5	148
	BAHARIYA	00	9	00	0	0	0	—	16.7	20.0	32	00	9	00	0	0	0	—	17.9	—	7.0	21	—	—	—	57	0	0	—	149
	KHARGA	00	8	32	2	0	0	—	17.0	20.3	40	00	8	04	1	0	0	—	17.8	-1.8	6.0	21	-2	4	-2	60	0	dr	tr	151
	DAKHLA	01	8	00	0	1	1	Ci	17.1	19.8	35	01	7	00	0	1	4	Ci	18.3	-2.0	5.1	22	0	3	-2	66	0	dr	—	152
RED SEA	TOR											01	6	32	3	0	1	Cc	17.9	-0.4	9.1	20	-1	5	-4	70	0	19	8	145
	HURGHÂDA																												—	146
	QUSEIR	00	5	32	1	0	0	—	17.4	19.3	61	01	5	24	2	1	4	Cu	17.5	-0.4	14.5	20	-3	12	-2	30	0	tr	6	147
	PORT SUDAN	02	—	04	4	1	5	—	12	28	50	01	—	28	2	1	4	—	14.3	-1.2	24.5	29	+2	22	+2	68	0	66	93	1[illegible]9
NORTH SUDAN	WADI HALFA	01	8	02	3	0	3	Ac	15.9	24	26	01	8	02	2	1	4	Ci	17.1	-2.1	12.3	24	0	9	+1	54	—	—	—	165
	KAREIMA	01	8	02	4	0	3	—	12.0	28	17	01	8	04	2	0	1	Ci	14.9	-1.9	15.0	29	-1	13	+1	30	0	0	1	166
	'ATBARA	01	—	32	2	0	4	—	9	30	20	00	—	32	2	0	0	—	13.8	-1.1	19.2	30	0	15	+1	28	0	6	1	167
	KHARTÛM	00	8	02	2	0	0	—	8.1	34	13	00	8	02	3	0	0	—	12.9	-1.3	18.7	34	+2	18	+3	23	0	dr	5	168
	KASSALA	02	8	02	2	0	5	—	5.4	33	33	00	8	16	2	0	0	—	10.3	-2.4	21.0	33	-1	17	+1	49	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI	02	—	30	3	0	5	—	7	32	10	00	—	04	4	0	0	—	11.4	-2.0	22.2	33	-1	17	+2	—	0	2	13	171
	DUEIM	01	—	24	3	0	4	—	8	32	20	00	—	—	3	0	0	—	12.0	-1.5	21.6	34	+1	17	+3	34	0	14	12	173
	RENK	02	7	28	1	1	5	—	4.9	36	10								—				—		—					182
	ROSEIRES	01	—	28	1	0	4	—	4	35	10	00	—	30	1	0	0	—	8.3	-3.6	22.3	36	0	17	+1	52	0	27	37	172
	EL OBEID	02	8	04	2	1	5	—	6.7	31	17	01	8	06	2	0	3	Ce	11.8	-4.2	19.9	32	+2	15	+4	25	0	8	14	174
	EL FASHER	01	—	10	2	0	4	—	—	33	10	00	—	02	2	0	0	—	—	—	18.2	33	+3	13	+3	26	0	0	8	175
	GENEINA	01	8	04	2	0	2	Ac	—	34	6	00	8	04	2	0	0	—	—	—	11.8	36	—	10	—	33	0	dr	—	179
	KADUGLI	01	7	04	5	1	4	—	5.3	35	42																			187
S. SUDAN	MALAKÂL	03	8	04	4	2	8	Ac	5.6	35	14	01	8	04	3	1	1	Ac	10.6	-0.9	22.5	36	+1	17	-1	36	0	83	93	176
	WÂU	01	—	12	3	0	4	—	5	34	20	01	—	04	1	0	4	—	9.1	-2.2	20.5	35	0	20	+3	66	0	103	146	177
	JUBA	02	8	08	1	1	5	Ac,Cu	7.0	32	23	01	8	32	1	0	4	Cu	9.7	-1.0	25.1	33	-4	21	+1	68	0	231	141	178

UPPER WINDS — الرياح العليا

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 7th
7 h	7 h	8 h	8 h	8 h 30 m	7 h	7 h	4 h	4 h	6 h	6 h	6 h	2 h	6 h	13 h
02.18.45	02.21.25	02.18.50	02.19.25	02.13.20	05.13.20	02.02.10	03.05.25	06.04.60	06.02.40	06.11.10	07.06.40	06.03.60	06.10.15	02.18.40
05.24.—	05.22.40	05.18.35	05.20.20	05.20.20	10.08.10	05.06.25	06.08.30	10.06.60	10.04.25	10.05.15	10.06.35	10.03.40	10.11.20	05.23.—
10.24.50	10.26.55	10.21.15	10.26.20	08.20.15	15.08.35	10.02.20	10.08.25	15.05.40	15.36.20	15.11.20	15.09.20	15.05.25	15.12.15	10.22.50
15.23.60		15.25.25	15.26.10	10.25.20	20.09.40	15.34.30	15.36.25	20.05.25	20.00.0	20.31.10	20.36.10	20.04.25	20.12.20	15.22.45
		20.25.20	20.22.25	15.25.10		20.32.20		29.06.05		30.25.10	30.31.05	28.05.15	30.14.30	20.25.30
				20.23.25										
				23.23.30										
				25.23.35										
				30.22.50										
				35.23.60										

Forecast for 24 hours from noon on 8th

On the coast fresh southerly winds, veering later to westerly and strengthening.
Inland moderate southerly winds, becoming fresh.
Mainly clear.
Rain on the coast in the west probable.
Little change in temperature.

تنبؤات الطقس المنتظر في ٢٤ ساعة من ظهر يوم ٨

على السواحل رياح جنوبية نسيمية ثم تصير غربية وتشتد فيما بعد. وفي الداخل رياح جنوبية معتدلة ثم تصير نسيمية. السماء صحو على العموم. يحتمل تساقط مطر على الجهة الغربية من السواحل. ولا تتغير درجة الحرارة إلا قليلاً.

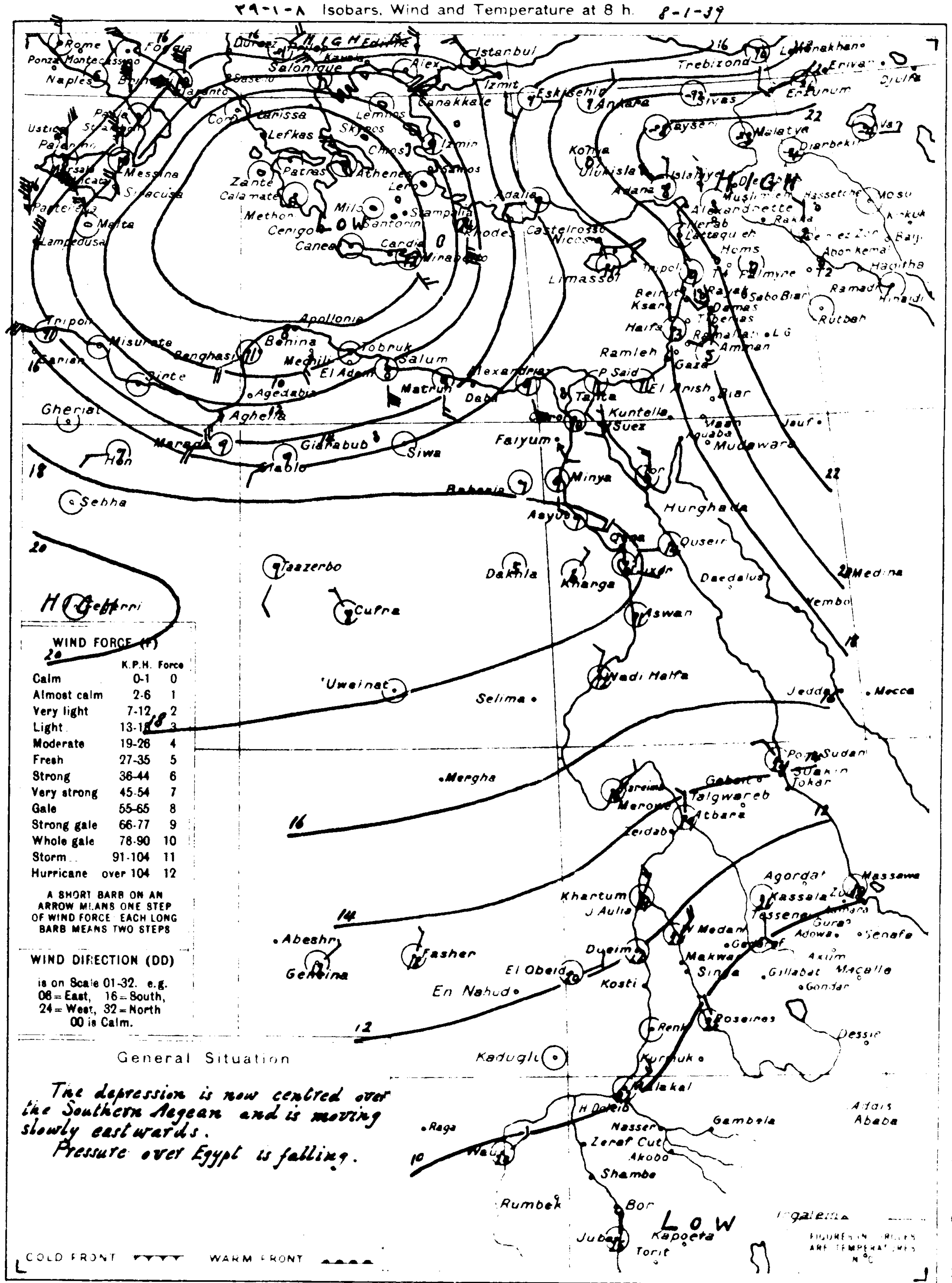
Station	Mean of day Humidity % on 7th	Diff. from normal	Wet bulb temp. °C on 7th	Diff. from normal
Alexandria	51	-15	10.0	-1.0
Ezbekiya	57	-13	8.3	-2.0
Giza	54	-20	8.9	-1.5
Helwan	52	-7	7.8	-1.2
Giza Grass minimum			8[illegible]	-2.1

Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
8.1	1331	1272
7.1	1274	1271

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	7.1	13.54	+0.15	13.57	+0.16
Nasser	7.1	9.92	+2.85	9.98	+2.83
Malakal	8.1	12.63	+1.15	12.63	+1.11
Roseires	7.1	12.99	+0.70	13.00	+0.69
Sennar Res	7.1	20.71	—	20.70	—
J. Aulia U.S	7.1	375.83	—	375.84	—
J. Aulia D.S	7.1	372.22	+0.14	372.22	+0.13
Khartûm	8.1	11.41	+0.20	11.43	+0.20
Kh. el Girba					
Atbara	7.1	11.00	+0.24	11.00	+0.23
Kajnarti	7.1	134.48	+0.44	134.49	+0.43
Aswân Res.	8.1	120.47	—	120.43	—
Aswân D.S.	8.1	86.63	+0.44	86.55	+0.36
Roda (Cairo)	8.1	14.77	-0.07	14.79	-0.07

٣٩-١-٨ Isobars, Wind and Temperature at 8 h. 8-1-39



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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

General Situation

The depression is now centred over the Southern Aegean and is moving slowly eastwards.
Pressure over Egypt is falling.

COLD FRONT   WARM FRONT

SCALE 1:15,000,000

At 8 h. on 8th

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	60	5	30	2	6	6	—	17.0	-0.8	11	—	—	—	—	—	9	—	225
Haifa	00	—	10	1	—	0	—	19.2	+2.3	12.6	16	-2	8	0	62	3	323	356
Siwa 7th	00	7	00	0	0	0	—	—	—	14.4	20	+1	1	-3	76	0	dr.	6

SHIPS

Remarks

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

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

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

VISIBILITY (V)	
Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
[illegible]	[illegible]
20	[illegible]
50	[illegible]
Visible over 50 kms	[illegible]

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

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

Printed by the Survey & Mines Dept. 1938 [illegible]

ANNUAL SUBSCRIPTION: INLAND P.T. [illegible] ABROAD P.T. 95

CAIRO
Time of Sunrise 06 h 52 m
" " Sunset 17 h 12 m

Month JANUARY, 1939 ١٩٣٩ شهر يناير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	14h. 8th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp °C TTT	% Humidity UU	8h. MONDAY 9th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
…UM	12	5	18	7	3	5	Cu	11.8	14.8	27	08	4	20	7	3	4	Cu	12.4	-6.1	6.2	15	—	5	—	94	0	35	—	130
…RUH	00	7	18	3	0	0	—	12.4	17.4	59	00	7	18	3	0	0	—	14.2	-4.5	7.8	18	0	6	-2	67	0	64	85	131
…HEILA	00	8	20	3	0	0	—	15.4	19.5	28	00	8	20	2	0	0	—	15.4	—	9.7	20	—	6	—	83	0	49	—	150
ALEXANDRIA	00	9	22	4	0	0	—	14.3	18.6	42	00	8	00	0	0	0	—	14.4	-4.6	11.7	19	0	9	-2	66	0	112	110	132
DAMIETTA											04	7	16	1	0	0	—	14.3	—	9.0	19	—	6	—	73	0	28	49	159
PORT SAÎD	00	7	12	2	0	0	—	15.2	18.3	43	00	7	18	2	0	0	—	14.7	-2.8	10.4	20	+1	9	-2	62	0	23	37	134
EL 'ARÎSH	00	7	32	2	0	0	—	16.0	16.3	59	00	7	00	0	0	0	—	16.0	—	9.0	17	—	6	—	56	0	69	38	135
LOWER EGYPT																													
DAMANHÛR											00	5	32	1	0	0	—	15.1	-3.6	6.6	21	+1	6	-1	68	0	10	46	136
MANṢÛRA											00	8	20	1	0	0	—	14.7	—	5.2	20	0	4	-3	81	0	24	20	137
TANTA	00	7	20	2	0	0	—	14.7	21.0	41	00	7	22	2	0	0	—	15.2	-4.3	8.0	22	+2	1?	-6	72	0	15	16	138
ZAGÂZÎG	00	8	20	1	0	0	—	15.2	20.9	41	00	8	20	2	0	0	—	15.8	—	7.9	21	+1	3	-3	72	0	10	12	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	[illegible]	3	0	0	—	15.6	18.9	41	01	7	14	3	0	1	Sc	15.6	—	12.4	20	—	8	—	48	0	2	—	141
CAIRO EZBEKIYA	00	8	[illegible]	1	0	0	—	15.0	20.2	31	01	6	16	1	0	2	Ci	15.5	-3.7	9.8	21	+2	8	+1	54	0	3	11	
CAIRO GÎZA	00	8	[illegible]	1	0	0	—	15.0	20.5	28	01	6	14	1	0	3	Cs	15.9	-3.9	9.0	22	+3	5	-1	62	0	3	12	
HELWÂN	00	8	16	1	0	0	—	14.8	18.4	28	00	6	10	1	0	0	—	16.2	-3.4	10.7	19	+1	8	0	44	0	9	11	143
SUEZ	00	4	12	1	0	0	—	15.2	18.3	51	00	8	12	1	0	0	—	14.8	-3.9	12.3	19	-1	8	-2	62	0	13	10	144
UPPER EGYPT																													
FAIYÛM	00	7	12	1	0	0	—	14.2	20.7	34	00	7	00	0	0	0	—	15.1	-4.4	5.0	23	+3	3	-3	76	0	dr	4	153
MINYA	00	9	20	3	0	0	—	14.4	20.4	33	09	4	02	1	0	0	—	15.9	-4.4	4.0	21	+1	—	—	75	0	2	—	154
ASYÛT	00	8	16	3	0	0	—	15.4	19.6	39	02	8	10	2	1	4	As	16.0	-4.3	10.0	21	+1	7	+1	66	0	2	3	155
QENA	01	8	02	1	1	3	Ac	15.1	22.3	35	02	7	32	1	1	4	Cu	15.8	-3.4	8.3	25	+2	6	-1	73	0	dr	—	156
LUXOR	02	7	10	2	1	4	Cu	14.8	23.3	44	03	6	06	2	2	8	Sc	15.2	—	9.4	24	—	5	—	75	0	dr	—	157
ASWÂN	01	7	30	1	1	3	Ci	13.6	22.8	19	01	7	32	1	1	3	Ci	14.2	-5.0	12.0	23	-1	9	-1	45	0	1	—	158
WESTERN DESERT																													
SIWA	00	7	22	1	0	0	—	—	18.9	55	00	7	22	1	0	0	—	—	—	2.2	20	+1	0	-4	82	0	dr	5	148
BAHARIYA	00	9	24	1	0	0	—	15.0	21.0	34	00	9	00	0	0	0	—	17.1	—	8.0	21	—	—	—	55	0	0	—	149
KHARGA	00	8	12	1	0	0	—	15.0	22.2	37	00	8	00	0	0	0	—	15.2	-4.4	9.3	23	0	5	-1	53	0	dr	tr	151
DAKHLA	01	8	30	2	1	3	Ci	14.4	21.7	31	02	6	26	2	1	4	Ci	16.4	-3.9	7.8	24	+2	4	-1	49	0	dr	—	152
RED SEA																													
TOR	00	6	28	2	0	0	—	14.8	20.3	67	00	6	32	3	0	0	—	14.6	-3.7	9.5	21	0	7	-2	62	0	19	9	145
HURGHÂDA											00	9	00	0	0	0	—	14.8	-3.8	14.3	21	-1	9	-2	43	0	1	—	146
QUSEIR	02	4	04	1	1	4	Ci	15.6	20.3	54	00	4	24	1	0	0	—	16.3	-1.7	16.2	21	-2	13	-1	62	0	tr	6	147
PORT SUDAN	03	—	04	3	2	—	—	12	27	60	03	—	30	2	1	7	—	13.3	-2.2	23.0	27	0	20	0	68	0	66	94	1[illegible]9
NORTH SUDAN																													
WADI HALFA	01	8	30	4	1	4	—	13.6	26	13	01	8	20	1	1	4	Cs	14.4	-4.8	11.0	26	+2	8	0	52	—	—	—	165
KAREIMA	00	8	04	2	0	0	—	10.1	29	14	01	8	04	2	0	2	Ci	11.8	-5.0	17.9	31	+1	16	+4	28	0	0	1	166
ATBARA	01	—	04	2	0	—	—	8	32	20	00	—	04	1	0	0	—	11.8	-3.1	21.0	32	+2	16	+2	57	0	6	1	167
KHARTÛM	00	8	32	2	0	0	—	6.7	36	20	01	8	02	2	0	4	Ci	10.2	-4.0	21.2	36	+4	19	+4	34	0	4	5	168
KASSALA	00	7	30	3	0	0	—	5.6	33	32	00	8	04	2	0	0	—	8.3	-4.4	24.2	33	-1	21	+5	60	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	12	1	0	—	—	9	32	20	00	—	06	4	0	0	—	9.1	-4.3	23.0	35	+1	17	+2	59	0	2	13	171
DUEIM											00	—	—	3	0	0	—	9.6	-3.9	23.6	35	+2	19	+5	55	0	14	12	173
RENK	00	7	28	1	0	0	—	5.4	34	22																			182
ROSEIRES	01	—	26	1	0	—	—	3	36	10	00	—	04	1	0	0	—	7.2	-4.7	22.9	39	+3	18	+2	37	0	27	37	172
EL OBEID	00	8	04	2	0	0	—	6.4	32	19	00	9	04	1	0	0	—	10.3	-5.7	21.2	33	+3	15	+4	34	0	8	19	174
EL FASHER	02	—	10	3	0	—	—	—	33	20																		8	175
GENEINA	00	8	04	3	0	0	—	—	34	6	02	8	08	1	0	5	Ac	—	—	12.1	36	—	10	—	43	0	dr	—	179
KADUGLI																													187
S. SUDAN																													
MALAKAL	01	8	10	3	0	2	—	6.4	35	19	03	8	06	3	2	6	Ac	9.4	-2.1	23.2	36	+1	20	+2	38	0	83	93	176
WAU	01	—	04	3	0	—	—	4	35	10	00	—	12	1	0	0	—	7.7	-3.5	21.5	36	+1	19	+2	57	0	103	146	177
JUBA	02	8	10	4	0	5	Cu	3.3	36	29	01	8	00	0	0	3	Cu	8.9	-1.8	26.4	37	0	21	+1	69	0	231	141	178

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

SALÛM	MATRÛH 7h	DIKHEILA 8h	CAIRO 8h 30m	HELWÂN 8h 30m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 5h	KAREIMA 7h	KHARTÛM 6h	KASSALA 6h	EL OBEID 6h	MALAKAL 6h	JUBA 6h	Salum 8th 13h
	02.24.45	02.28.30	02.25.10	02.14.10	05.23.10	02.03.15	03.05.15	06.08.35	06.04.35	06.07.10	07.05.40	06.04.45	06.19.05	02.18.50
	05.24.40	05.28.30	05.29.10	05.28.05	10.20.10	05.08.15	06.10.25	10.14.15	10.04.25	10.07.15	10.06.35	10.04.50	07.18.05	05.23.75
	10.24.20	10.27.30	10.27.20	08.28.15	15.22.25	10.05.25	10.10.10	15.22.10	15.03.25	15.08.25	15.09.20	15.04.35	10.00.00	10.23.55
		15.22.20	15.24.20	10.27.15	20.23.25	15.10.15	15.17.10	20.28.20	20.02.10	20.09.20	20.34.05	20.05.20		15.22.75
		20.18.20	20.24.55	15.24.25		20.19.20	20.27.10	21.31.20	25.02.10	30.12.05	30.31.05	30.11.20		
		23.23.35	tail	20.23.55			30.25.60					40.14.25		
				23.23.75			34.25.70					50.12.15		
												56.10.20		

Forecast for 24 hours from noon on 9th

On the coast moderate to fresh southwest winds veering to west.

Inland light to moderate southerly winds.

Clear or occasional medium cloud.

Light rain on the coast in the west probable later.

Temperature slightly above normal by day.

ﻣﺘﻮﻗﻊ ﻃﻘﺲ ﻟﻠﻄﻮﻕ ٢٤ ﺳﺎﻋﺔ ﻣﻦ ﻇﻬﺮ ٩

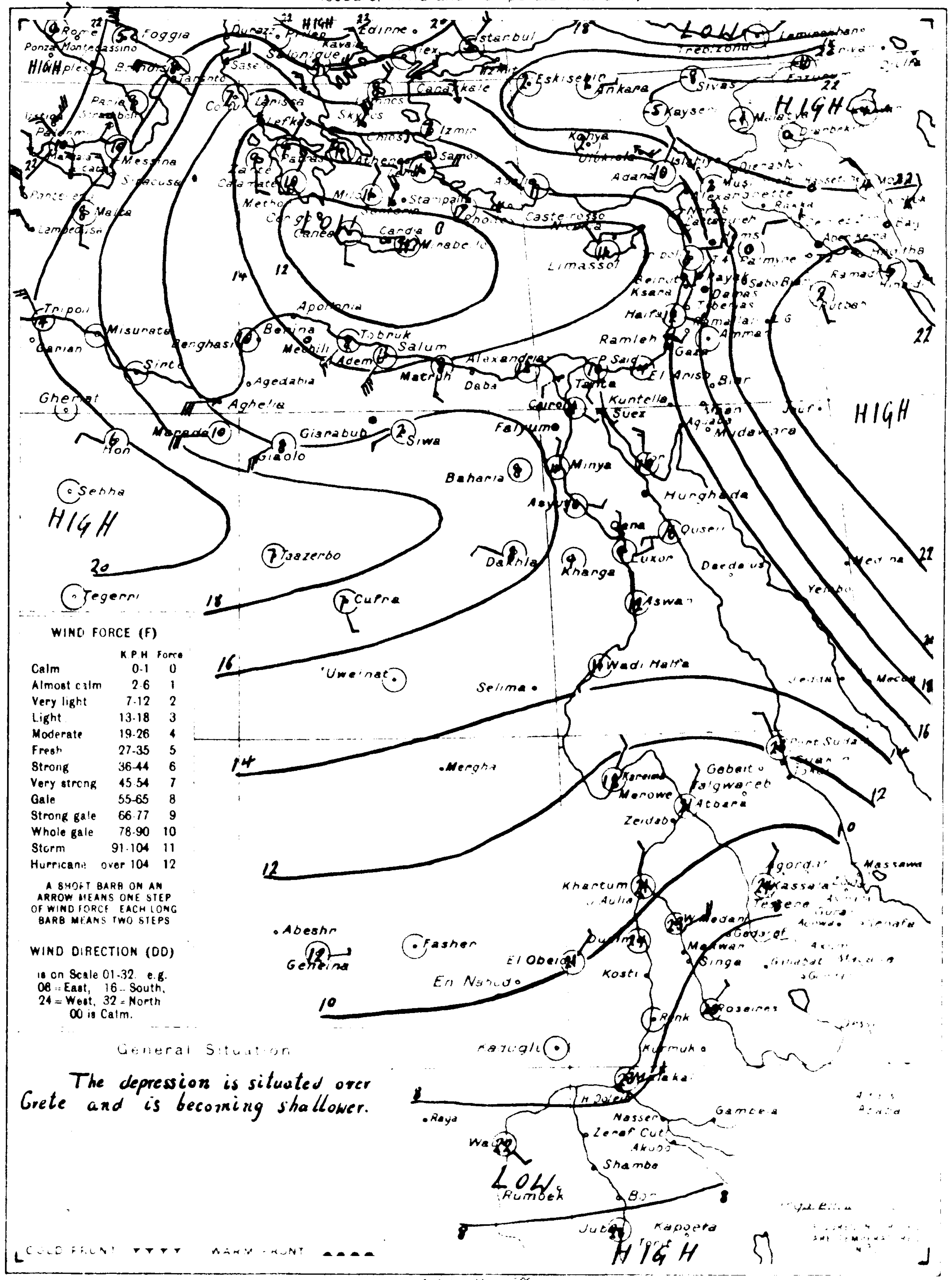
على الساحل رياح جنوبية غربية بين المعتدلة والشديدة نوعا ثم تتحول الى غربية — وفى الداخل رياح جنوبية بين الخفيفة والمعتدلة.
السماء صحو او يظهر بها بعض السحاب المتوسط الارتفاع.
يحتمل تساقط مطر خفيف بالجهة الغربية من الساحل.
ودرجة الحرارة فوق المعدل قليلا اثناء النهار.

STATION	Mean of day Humidity on 8th	Diff. from norm.	Wet bulb temp. on 8th	Diff. from norm.
Alexandria	60	-6	10.7	-0.3
Ezbekiya	53	-17	8.3	-2.0
Giza	51	-23	8.2	-2.2
Helwan	32	-27	7.5	-1.5
Giza			9th	0.5

Date	1939	1938
9.1	1331	1271
8.1	1331	1272

GAUGE	Date 1939	Reading m	Diff.	Previous day Reading	Diff.
Juba	9.1	13.53	+0.12	13.54	+0.13
Nasser	8.1	9.85	+2.87	9.92	+2.85
Malakal	9.1	12.62	+1.17	12.63	+1.15
Roseires	9.1	12.96	+0.72	12.97	+0.69
Sennar Res.	8.1	20.70	—	20.71	—
J. Aulia U.S.	8.1	375.63	—	375.63	—
J. Aulia D.S.	8.1	372.20	+0.14	372.22	+0.14
Khartum	8.1	11.41	+0.20	11.43	+0.20
Atbara	9.1	10.99	+0.26	10.99	+0.24
Kajbar	8.1	134.44	+0.42	134.48	+0.44
Aswan Res.	9.1	120.51	—	120.47	—
Aswan D.S.	9.1	86.63	+0.44	86.63	+0.44
Roda (Cairo)	9.1	14.75	-0.08	14.77	-0.07

٩-١-٣٩ Isobars, Wind and Temperature at 8 h. 9-1-39



General Situation

The depression is situated over Crete and is becoming shallower.

At 8 h. on 9th

STATION	ww	V	DD	F	W	N	C	PPP	Diff.	TTT	Max. Yesterday	Diff.	Min. Today	Diff.	UU	Past 24 hrs	Total	Normal
Limassol	02	6	28	2	6	4	—	14.0	-3.8	11	—	—	—	—		2	—	278
Haifa	00	—	10	2	—	0	—	16.6	+0.3	11.4	18	0	9	+1	61	0	323	363
Gaza	00	9	00	0	0	0	—	15.6	-1.2	10.8	19	+1	6	-2	70	0	279	197
Gaza [illegible]	00	9	00	0	0	0	—	18.0	+1.1	10.1	19	+1	4	-4	76	0	274	196
Siwa [illegible]	00	7	00	0	0	0	—	—	—	2.0	20	+1	0	-4	84	0	[illegible]	5
Hurghada	00	9	22	2	0	0	—	17.8	-0.8	12.4	20	-2	8	-3	50	0	1	—

HOURS ARE EGYPTIAN STANDARD TIME ... AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	62
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended now Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

CAIRO
Time of Sunrise 06 52 m
" " Sunset 17 13 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F C

DAILY WEATHER REPORT

Month JANUARY 1939 — ١٩٣٩ شهر يناير

At 14 h. on 9th — ٩ يوم ... | At 8 h. on TUESDAY 10th — الثلاثاء ١٠ الساعة ٨ يوم

Region	Station	14h Present Weather (ww)	14h Visibility (V)	14h Wind Dir (DD)	14h Wind Force (F)	14h Past Weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. Press. M.S.L. 1000+ mbs (PPP)	14h Temp (TTT)	14h Humidity (UU)	8h Present Weather (ww)	8h Visibility (V)	8h Wind Dir (DD)	8h Wind Force (F)	8h Past Weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Max Diff. from norm. °C	Minimum Today °C (mm)	Min Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	01	8	18	4	4	3	Cu	12.8	14.1	56	01	7	26	2	2	3	Cu	20.3	+1.8	6.1	16		5		95	0	35		130
MEDITERRANEAN	MATRÛH	01	7	20	3	0	2	Cu	13.0	16.3	58	02	7	18	2	1	4	St	18.3	-0.4	9.1	16	-2	7	-1	84	0	64	86	131
MEDITERRANEAN	DIKHEILA	05	7	22	3	0	0	—	15.1	16.5	43	01	8	18	1	1	4	Cu	18.8	—	11.4	17	—	6	—	61	0	49	—	150
MEDITERRANEAN	ALEXANDRIA	00	9	24	3	0	0	—	14.7	16.7	50	02	8	00	0	2	4	Cu	18.0	-1.0	12.4	17	-2	8	-3	63	0	112	112	132
MEDITERRANEAN	DAMIETTA											02	8	28	1	2	5	Ac	16.8	—	13.3	18	—	9	—	74	0	28	50	159
MEDITERRANEAN	PORT SAÎD	00	7	26	3	0	0	—	13.8	17.5	51	50	7	30	2	5	7	Cu	16.4	-1.1	14.8	19	0	10	-1	81	dr.	23	38	134
MEDITERRANEAN	EL 'ARÎSH	00	7	32	1	0	0	—	13.8	18.5	52	03	7	22	1	1	8	Cu	16.0	—	14.0	21	—	11	—	77	0	69	39	135
LOWER EGYPT	DAMANHÛR											01	5	20	1	1	2	Cu	18.6	-0.1	7.2	20	0	5	-2	66	0	10	47	136
LOWER EGYPT	MANṢÛRA											02	4	28	2	1	4	Sc	17.8	—	10.9	20	0	5	-2	67	0	24	20	137
LOWER EGYPT	TANTA	00	7	00	0	0	0	—	14.0	—	46	00	7	00	0	1	0	—	18.4	-1.2	5.0	20	0	2	-5	92	0	15	17	138
LOWER EGYPT	ZAGÂZÎG	00	8	20	1	0	0	—	14.7	19.9	49	02	7	28	1	1	4	Cc	18.2	—	9.4	20	0	4	-2	80	0	10	12	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	00	8	24	2	0	0	—	14.7	18.0	41	02	6	00	0	2	5	Cb	18.0	—	10.0	18	—	8	—	67	0	2	—	141
MIDDLE EGYPT (CAIRO)	EZBEKIYA	00	8	28	1	0	0	—	14.3	19.2	29	21	5	00	0	5	5	Sc	17.9	-1.3	10.0	21	+2	8	+1	64	dr.	3	11	—
MIDDLE EGYPT (CAIRO)	GÎZA	00	8	32	1	0	0	—	14.2	19.4	28	50	6	00	0	5	5	Cb	18.4	-1.4	8.6	21	+2	5	-1	61	dr.	3	12	—
MIDDLE EGYPT	HELWÂN	00	8	26	2	0	0	—	14.4	17.4	22	08	4	28	3	2	6	Sc	18.0	-1.6	9.7	19	+1	9	+1	63	0	9	11	143
MIDDLE EGYPT	SUEZ	00	9	12	1	0	0	—	13.6	22.0	42	03	7	28	2	2	7	Cu	16.6	-2.0	13.0	23	+3	12	+2	68	0	13	10	144
UPPER EGYPT	FAIYÛM	00	7	00	0	0	0	—	14.3	19.5	30	02	6	28	1	1	4	Cu	18.3	-1.2	7.5	22	+2	5	-1	64	0	dr.	4	153
UPPER EGYPT	MINYA	00	7	32	2	0	0	—	13.6	18.8	31	01	6	30	2	1	2	Cu	18.3	-2.0	8.5	20	0	6	0	62	0	2		154
UPPER EGYPT	ASYÛT	00	8	22	3	0	0	—	13.5	21.0	34	00	7	22	3	0	0	—	17.9	-2.4	7.2	22	+2	5	-1	68	0	2	3	155
UPPER EGYPT	QENA	02	8	20	1	1	4	Cu	13.0	23.2	40	01	7	22	5	1	3	Ac	15.5	-3.7	12.1	25	+2	8	+1	53	0	dr.	—	156
UPPER EGYPT	LUXOR	02	7	02	2	2	5	Sc	12.4	23.9	25	01	7	10	2	1	3	Cu	15.6	—	8.3	25	—	5	—	69	0	dr.	—	157
UPPER EGYPT	ASWÂN	01	7	30	1	1	3	Ci	9.5	26.0	24	01	7	32	1	1	3	Ci	13.9	-5.3	13.0	27	+3	11	+1	35	0	1	—	158
WESTERN DESERT	SIWA	00	7	26	2	0	0	—	—	17.0	68	00	7	00	0	0	0	—	—	—	2.0	20	+1	0	-4	87	0	dr.	5	148
WESTERN DESERT	BAHARIYA	00	9	00	0	0	0	—	—	18.0	28	00	9	00	0	0	0	—	20.3		6.0	19	—	—	—	56	0	0		149
WESTERN DESERT	KHARGA	00	8	32	1	0	0	—	11.9	23.6	36	00	8	32	2	0	0	—	18.6	-1.0	11.8	24	+1	9	+3	51	0	dr.	tr.	151
WESTERN DESERT	DAKHLA	00	8	30	4	0	0	—	13.4	19.8	28	00	6	26	2	0	0	—	20.0	-0.3	6.7	20	-2	4	-1	60	0	dr.	—	152
RED SEA	TOR	01	6	28	3	0	1	Cc	12.4	21.5	57	01	6	32	2	0	3	Ac	13.6	-4.7	11.0	23	+2	8	-1	63	0	19	9	145
RED SEA	HURGHADA											00	9	28	3	0	0	—	14.8	-3.8	14.3	21	-1	9	-2	43	0	1	—	146
RED SEA	QUSEIR	00	5	04	2	0	0	—	14.7	20.0	64	00	5	28	2	0	0	—	15.4	-2.6	19.0	23	0	13	-1	48	0	tr.	6	147
RED SEA	PORT SUDAN	03	—	04	3	0	—	—	10	28	60	01	—	28	1	1	1	—	12.6	-2.9	26.5	28	+1	22	+2	79	dr.	66	94	169
NORTH SUDAN	WÂDI HALFA	02	7	28	3	1	4	Ac	10.7	26	26	02	7	26	4	1	5	Ac	17.7	-1.5	13.8	27	+3	12	+4	28	—	—	—	165
NORTH SUDAN	KAREIMA	00	8	04	3	0	0	—	8.9	30	19	03	8	28	5	1	7	Cs	12.7	-4.1	19.0	34	+4	18	+6	23	0	0	1	166
NORTH SUDAN	'ATBARA	01	—	06	2	0	—	—	6	35	10	00	—	06	1	0	0	—	11.1	-3.8	22.5	35	+5	18	+4	61	0	6	1	167
NORTH SUDAN	KHARTÛM	02	8	08	3	0	4	—	5.6	37	24	02	8	28	2	1	5	Cs	10.2	-4.0	22.4	38	+6	20	+5	36	0	dr.	5	168
NORTH SUDAN	KASSALA	00	8	04	3	0	0	—	3.8	37	32	00	8	06	2	0	0	—	9.0	-3.7	21.8	37	+3	18	+2	66	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	28	3	0	—	—	4	37	10	00	—	00	0	0	0	—	9.6	-3.8	24.0	37	+3	16	+1	46	0	2	13	171
CENTRAL SUDAN	DUEIM	01	—	24	3	0	—	—	6	35	20	00	—	28	2	0	0	—	10.3	-3.2	23.4	36	+3	18	+4	48	0	14	12	173
CENTRAL SUDAN	RENK	00	7	28	1	0	0	—	3.6	37	22																			182
CENTRAL SUDAN	ROSEIRES	01	—	28	1	0	—	—	2	38	10	00	—	18	1	0	0	—	7.1	-4.8	24.2	40	+4	18	+2	52	0	27	37	172
CENTRAL SUDAN	EL OBEID	00	8	13	1	0	0	—	5.4	34	32	01	8	28	2	0	4	Ci	11.2	-4.8	21.3	35	+5	17	+6	27	0	8	19	174
CENTRAL SUDAN	EL FASHER	01	—	20	2	0	—	—	—	36	10	00	—	02	3	0	0	—	—	—	17.1	36	+6	11	+1	30	0	0	8	175
CENTRAL SUDAN	GENEINA	02	8	04	2	0	4	Ac	—	34	10	03	8	08	4	1	6	Ac,As	—	—	15.1	35	—	13	—	21	0	dr.	—	179
CENTRAL SUDAN	KADUGLI																													187
S. SUDAN	MALAKÂL	02	8	10	3	2	4	Ac	4.5	35	18	01	8	32	3	1	3	Ac	9.6	-1.9	24.1	37	+2	21	+3	51	0	83	93	176
S. SUDAN	WAU	01	—	08	2	0	—	—	3	37	10	00	—	20	1	0	0	—	8.8	-2.4	25.5	38	+3	21	+4	57	0	103	146	177
S. SUDAN	JUBA	00	8	08	2	0	0	—	—	37	6	01	8	00	0	0	4	Ac	10.5	-0.2	25.2	38	+1	20	0	68	0	231	141	178

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

UPPER WINDS ON 10th

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA 8 h. m.	CAIRO 9 h. m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 5 h. m.	KAREIMA 4 h. m.	KHARTÛM 6 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKÂL 4 h. m.	JÛBA 6 h. m.	Salum 9th 12 h. m.
02.29.15	02.35.15	02.25.10	02.35.25	02.33.20	05.34.50	02.36.20	03.36.35	06.07.45	06.03.30	06.10.10	07.32.40	06.25.15	06.11.10	02.20.25
05.02.15	05.34.10	05.27.05	05.01.25	05.35.35	10.34.45	05.35.50	06.01.55	10.07.55	10.05.10	10.11.20	10.35.15	10.32.10	10.12.10	05.24.45
10.03.15	10.34.10	10.33.10	09.36.25	08.36.30	15.25.15	10.34.15	10.36.25	15.06.55	15.05.10	15.10.10	15.25.10	15.05.05	15.13.10	10.25.30
15.02.20	15.06.05	15.34.10	Ext. Ns.	10.36.20		15.20.15	15.20.05	20.07.45	20.35.05	20.09.10	20.23.10	20.09.10	20.13.10	15.26.35
20.03.20	20.04.15	20.01.10		15.04.20		20.22.20	20.20.35	21.08.35	30.27.10		30.24.15	30.11.25	30.13.25	20.26.20
Ext. Cu.	Ext. St.	25.07.05		20.24.05					40.32.15			40.13.20		25.24.15
		30.36.15		23.24.10										30.25.15
				25.19.20										35.25.15
				30.21.40										
				35.21.65										

Forecast for 24 hours from noon on 10th

Light to moderate winds chiefly northerly.
Some medium cloud.
Light showers probable near the coast.
Slightly cooler.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٠
رياح بين الخفيفة والمعتدلة اكثرها شمالية
يظهر بعض السحاب المتوسط الارتفاع
يحتمل تساقط مطر خفيف بالقرب من الساحل
تهبط درجة الحرارة قليلا.

STATION	Mean of day: Humidity % on 9th	Diff. from normal	Wet bulb temp °C on 9th	Diff. from normal
Alexandria	52	-14	9.8	-1.1
Ezbekîya	42	-28	8.7	-1.6
Gîza	43	-31	8.5	-1.9
Helwân	33	-26	7.6	-1.3

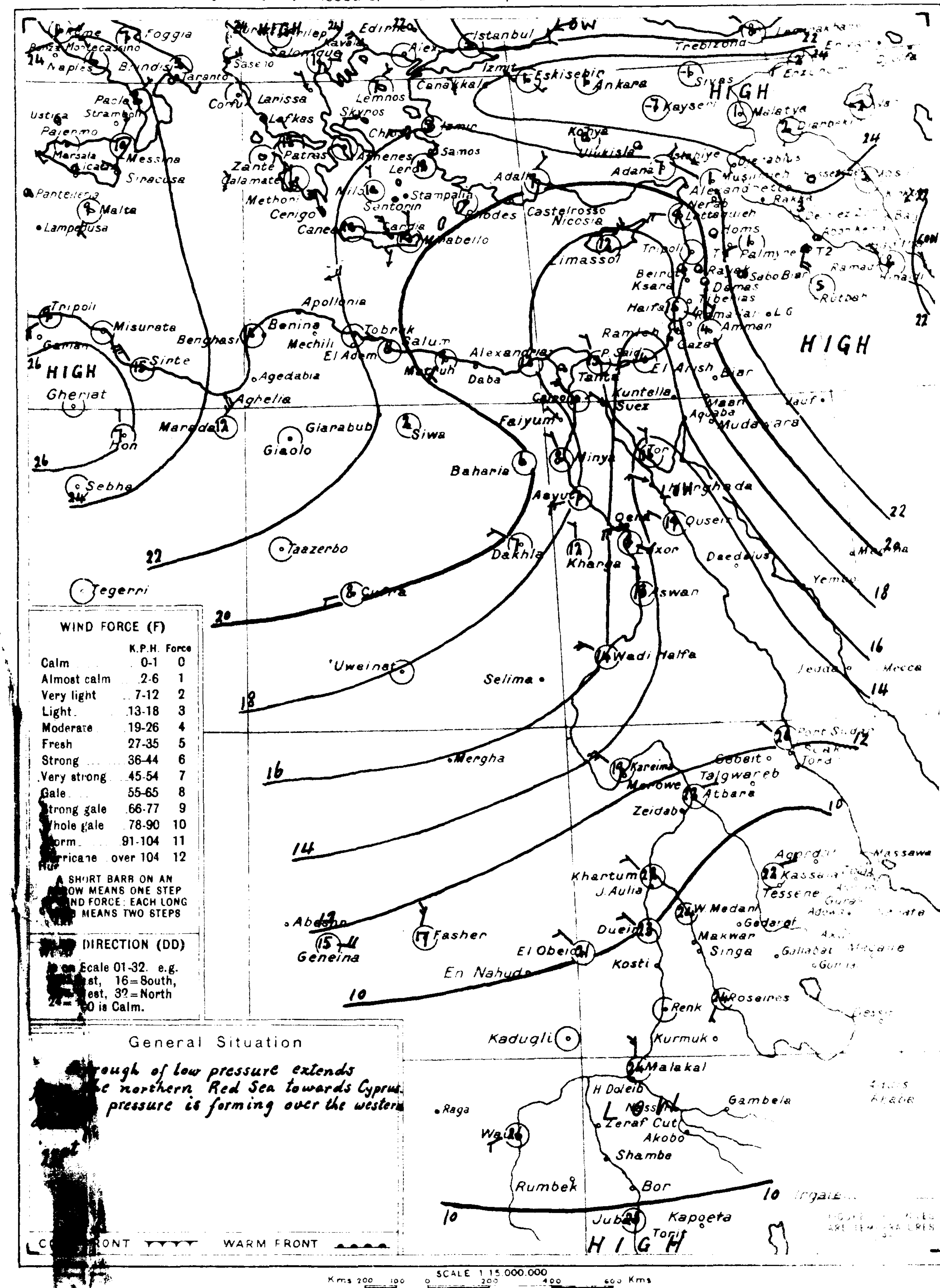
Gîza Grass minimum on 10th 0.7 °C

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

DATE	1939	1938
10-1	1331	1271
9-1	1331	1271

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-1	13.53	+0.12	13.54	+0.13
Nâsser	9-1	9.80	+2.89	9.85	+2.87
Malakâl	10-1	12.62	+1.20	12.62	+1.17
Roseires	10-1	12.94	+0.73	12.96	+0.72
Sennâr Res	9-1	20.72	—	20.70	—
J. Aulia U.S	9-1	375.08	—	375.03	—
J. Aulia D.S	9-1	372.19	+0.15	372.20	+0.14
Khartûm	10-1	11.38	+0.21	11.40	+0.21
Kh. el Girba					
'Atbara	9-1	10.99	+0.26	10.99	+0.24
Kajnarti	9-1	134.41	+0.41	134.44	+0.42
Aswân Res.	10-1	120.55	—	120.51	—
Aswân D.S.	10-1	86.64	+0.45	86.63	+0.44
Rôda (Cairo)	10-1	14.75	-0.07	14.75	-0.08

Isobars, Wind and Temperature at 8 h. 10-1-1939. ١٠-١-١٩٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

... trough of low pressure extends ... the northern Red Sea towards Cyprus. ... pressure is forming over the western ...

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 10th — الساعة ٨ يوم ١٠

STATION	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max Yesterday °C (MM)	Diff. from norm. °C	Min Today °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Li[illegible]	02	6	04	3	2	5	—	18.0	+0.2	12	—	—	—	—	—	dr.	—	232
Ha[illegible]	02	—	10	2	—	4	—	17.6	+1.3	14.8	19	+1	9	+1	54	dr.	323	369

S... 33344 25206 02201 20959 31003 69X03 66310

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	No
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38/554)

ANN... SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 52 m
" " Sunset 17 h 14 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY, 1939 — ١٩٣٩ شهر يناير

At 14 h. on 10th (الساعة ١٤ يوم ١٠)

Region	Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)
Mediterranean	SALÛM	02	7	00	0	6	4	Cb	20.3	13.1	83
	MATRÛH	02	7	28	4	1	5	Sc	17.5	15.3	78
	DIKHEILA	02	8	30	5	1	5	Cu	17.1	15.0	61
	ALEXANDRIA	02	9	32	5	2	4	Cu	16.7	15.5	60
	DAMIETTA										
	PORT SAÎD	02	7	28	4	6	4	Cu	14.6	18.2	64
	EL 'ARÎSH	03	7	32	4	1	8	Cu	15.0	17.2	70
Lower Egypt	DAMANHÛR										
	MANSÛRA										
	TANTA	02	7	24	2	1	4	Cu	15.8	18.5	50
	ZAGÂZIG	02	8	26	3	1	4	Cc	16.0	18.8	59
Middle Egypt	CAIRO ALMÂZA	01	8	26	3	2	3	Sc	16.4	16.8	25
	CAIRO EZBEKIYA	01	8	28	3	1	2	Cu	15.8	18.2	35
	CAIRO GIZA	01	8	30	3	1	3	As	15.6	18.4	35
	HELWAN	01	8	28	2	1	3	Sc	15.2	16.0	33
	SUEZ	03	7	28	3	2	6	Sc	14.6	17.0	54
Upper Egypt	FAIYUM	00	8	30	1	0	0	—	15.5	18.2	29
	MINYA	00	9	28	4	0	0	—	15.8	17.4	32
	ASYUT	00	8	22	4	0	0	—	15.9	17.6	30
	QENA	02	8	22	4	1	4	Cu	13.6	20.9	39
	LUXOR	02	8	26	2	2	5	Cu	13.9	21.2	39
	ASWAN	01	7	28	3	1	3	Cu	12.3	21.5	19
Western Desert	SIWA	00	7	26	1	0	0	—	—	17.0	50
	BAHARIYA	00	9	00	0	0	0	—	17.9	16.0	41
	KHARGA	00	8	32	4	0	0	—	16.0	18.4	35
	DAKHLA	00	8	30	3	0	0	—	17.8	16.4	38
Red Sea	TÔR	01	6	28	5	0	2	Ac	11.6	20.1	76
	HURGHADA										
	QUSEIR	00	5	32	2	0	0	—	13.1	21.5	56
	PORT SUDAN	02	—	12	2	1	5	—	9	29	70
North Sudan	WÂDI HALFA	14	5	28	6	3	0	—	15.3	20	32
	KAREIMA	01	8	30	5	1	4	—	10.3	28	24
	'ATBARA	01	—	06	1	0	4	—	7	35	20
	KHARTÛM	18	6	32	4	1	4	—	5.4	37	32
	KASSALA	00	8	08	1	0	0	—	2.2	38	12
Central Sudan	WAD MEDANI	01	—	02	3	0	4	—	4	37	10
	DUEIM	01	—	28	2	0	4	—	5	35	30
	RENK	00	7	28	1	0	0	—	3.6	38	36
	ROSEIRES	01	—	14	1	0	4	—	2	39	10
	EL OBEID	01	8	32	3	0	4	—	5.7	31	17
	EL FÂSHER	01	—	32	4	0	4	—	—	28	10
	GENEINA	03	7	06	5	1	6	As	—	34	8
	KADUGLI	01	7	18	4	0	4	Ac	4.0	34	56
S. Sudan	MALAKÂL	01	8	20	1	1	2	Ac,Cu	4.2	37	22
	WÂU	02	—	16	2	0	5	—	5	37	10
	JÛBA	01	8	32	4	0	4	Cu	4.0	36	39

At 8 h. on WEDNESDAY 11th (الساعة ٨ يوم الاربعاء)

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rain past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALÛM	02	6	26	4	6	4	Ns	23.9	+5.4	7.9	16	—	6	—	100	8	43	—	130
MATRÛH	02	7	30	5	2	5	Cu	20.6	+1.9	10.9	15	-3	8	0	80	1	65	88	131
DIKHEILA	02	8	30	6	6	5	Cb	17.6	—	16.0	19	—	10	—	72	10	59	—	150
ALEXANDRIA	02	9	32	7	6	4	Cb	16.7	-2.3	14	18	-1	11	0	82	18	130	113	132
DAMIETTA	66	7	20	1	8	8	Sc	15.9	—	8.5	17	—	6	—	96	4	32	51	159
PORT SAÎD	02	7	22	4	1	5	Cu	15.9	-1.6	9.7	19	0	9	-2	88	tr	23	38	134
EL 'ARÎSH	01	7	22	2	1	2	Cu	16.7	—	11.2	18	—	9	—	73	0	69	39	135
DAMANHÛR	03	4	20	2	6	6	Cu	17.0	-1.7	10.0	19	-1	7	0	98	3	13	47	136
MANSÛRA	02	4	20	2	1	5	As	16.3	—	9.0	19	-1	6	-1	89	0	24	21	137
TANTA	02	7	22	4	1	5	Cs	17.0	-2.6	10.0	19	-1	4	-3	95	0	15	17	138
ZAGÂZIG	03	7	20	6	2	8	Sc	16.7	—	9.8	19	-1	3	-3	87	0	10	12	139
CAIRO ALMÂZA	03	7	16	4	2	7	Cb	18.2	—	9.9	17	—	8	—	62	dr	2	—	141
CAIRO EZBEKIYA	21	6	14	2	5	6	Cu	18.4	-0.8	8.9	19	0	8	+1	67	dr	3	11	
CAIRO GIZA	50	6	14	3	5	6	Cb	18.8	-1.1	8.7	19	0	5	-1	77	dr	3	12	---
HELWAN	05	5	14	2	2	6	Sc	19.5	-0.1	7.4	16	-2	6	-2	67	0	9	11	143
SUEZ	01	8	12	1	1	3	Sc	17.4	-1.2	10.1	18	-2	9	-1	78	0	13	10	144
FAIYUM	01	7	30	2	0	3	Cu	19.4	-0.1	7.8	20	0	5	-1	64	0	dr	4	153
MINYA	00	5	32	1	1	0	—	20.8	+0.5	8.8	18	-2	7	+1	69	0	2	—	154
ASYUT	01	6	22	3	1	3	As	21.4	+1.1	8.0	19	-1	5	-1	65	0	2	3	155
QENA	00	8	22	2	0	0	—	21.0	+1.8	8.8	22	-1	6	-1	72	0	dr	—	156
LUXOR	00	7	22	2	0	0	—	20.8	—	9.5	22	—	6	—	70	0	dr	—	157
ASWAN	00	7	32	1	0	0	—	21.1	+1.9	10.6	22	-2	8	-2	44	0	1	—	158
SIWA	00	7	26	1	0	0	—	—	—	8.3	20	+1	7?	+3	69	0	dr	5	148
BAHARIYA	00	9	24	1	0	0	—	21.5	—	9.0	17	—	—	—	80	0	0	—	149
KHARGA	00	8	00	0	0	0	—	22.8	+3.2	7.5	19	-4	3	-3	68	0	dr	tr	151
DAKHLA	00	6	26	2	0	0	—	24.0	+3.7	7.1	17	-5	5	0	83	0	dr	—	152
TÔR	01	6	32	3	0	1	Cu	17.6	-0.7	15.0	21	0	11	+2	68	0	19	9	145
HURGHADA	00	9	26	4	0	0	—	18.0	-0.5	14.2	21	-1	10	-1	48	0	1	—	146
QUSEIR	00	5	24	2	0	0	—	19.6	+1.6	15.0	23	0	12	-2	59	0	tr	6	147
PORT SUDAN	01	—	32	3	1	4	—	13.6	-1.9	24.8	31	+4	21	+1	88	0	66	94	1 9
WÂDI HALFA	01	8	02	3	0	2	Ci	23.1	+3.9	10.2	25	+1	8	0	50	—	—	—	165
KAREIMA	01	8	32	5	0	4	Ci	20.7	+3.9	13.2	29	-1	11	-1	35	0	0	1	166
'ATBARA	30	—	28	7	3	—	—	16.2	+1.3	18.0	35	+5	15	+1	22	0	6	1	167
KHARTÛM	18	6	32	6	0	2	Ci	16.7	+2.5	17.0	37	+5	15	0	26	0	dr	5	168
KASSALA	05	5	02	3	0	0	—	13.6	+0.9	20.0	40	+6	19	+3	32	0	dr	11	170
WAD MEDANI	00	—	30	6	0	0	—	16.0	+2.6	18.6	38	+4	14	-1	17	0	2	13	171
DUEIM																		12	173
RENK									—			—		—					182
ROSEIRES	00	—	32	1	0	0	—	12.4	+0.5	22.2	40	+4	18	+2	24	0	27	37	172
EL OBEID	02	8	32	3	0	5	Ci	16.5	+0.5	15.0	31	+1	14	+3	30	0	8	19	174
EL FÂSHER	00	—	02	4	0	0	—	—	—	14.1	30	0	11	+1	20	0	0	8	175
GENEINA	02	8	04	5	0	5	Ac	—	—	12.2	36	—	11	—	10	0	dr	—	179
KADUGLI																			187
MALAKÂL	21	5	04	6	2	7	Ac,As	12.8	+1.3	23.3	37	+2	22	+4	52	dr	83	93	176
WÂU	01	—	28	4	1	4	—	10.7	-0.5	23.7	37	+2	18?	+1	25	0	103	146	177
JÛBA	01	8	18	2	0	4	Cu	10.8	+0.1	27.8	37	0	23	+3	57	0	231	141	178

UPPER WINDS (الرياح العليا)

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 10th
7 h	7 h	h m	8 h 30 m	8 h 30 m	7 h	7 h	5 h	6 h	6 h	6 h	2 h	6 h	6 h	13 h
02.29.20	02.33.30		02.24.20	02.18.15	05.30.40	02.34.20	03.36.20	06.06.20	06.34.45	06.33.20	07.01.35	06.03.45	06.25.10	02.36.20
05.32.—	05.34.25		05.28.45	05.26.25	10.31.35	05.35.35	06.01.35	10.10.15	10.35.65	10.35.30	10.03.45	10.02.55	10.20.05	05.01.15
10.34.40	10.34.35		10.28.45	06.27.30		10.34.45	10.02.35	15.00.00	15.35.60		15.04.35		14.18.05	10.02.20
15.31.55	ent. Cu.		15.29.45	ent. Sc.		15.32.70	15.03.25	20.28.30	20.33.25		20.04.30		15.00.00	ent. Cb.
20.33.25			18.29.45					30.24.40	30.32.30					
25.34.40			ent. Ns.						40.33.25					
30.35.25														

Forecast for 24 hours from noon on 11th

Northwesterly winds, strong on the coast, fresh inland, moderating tomorrow.
Much low cloud at times.
Rain on the coast; scattered showers inland.
Remaining cool.
Conditions improving tomorrow.

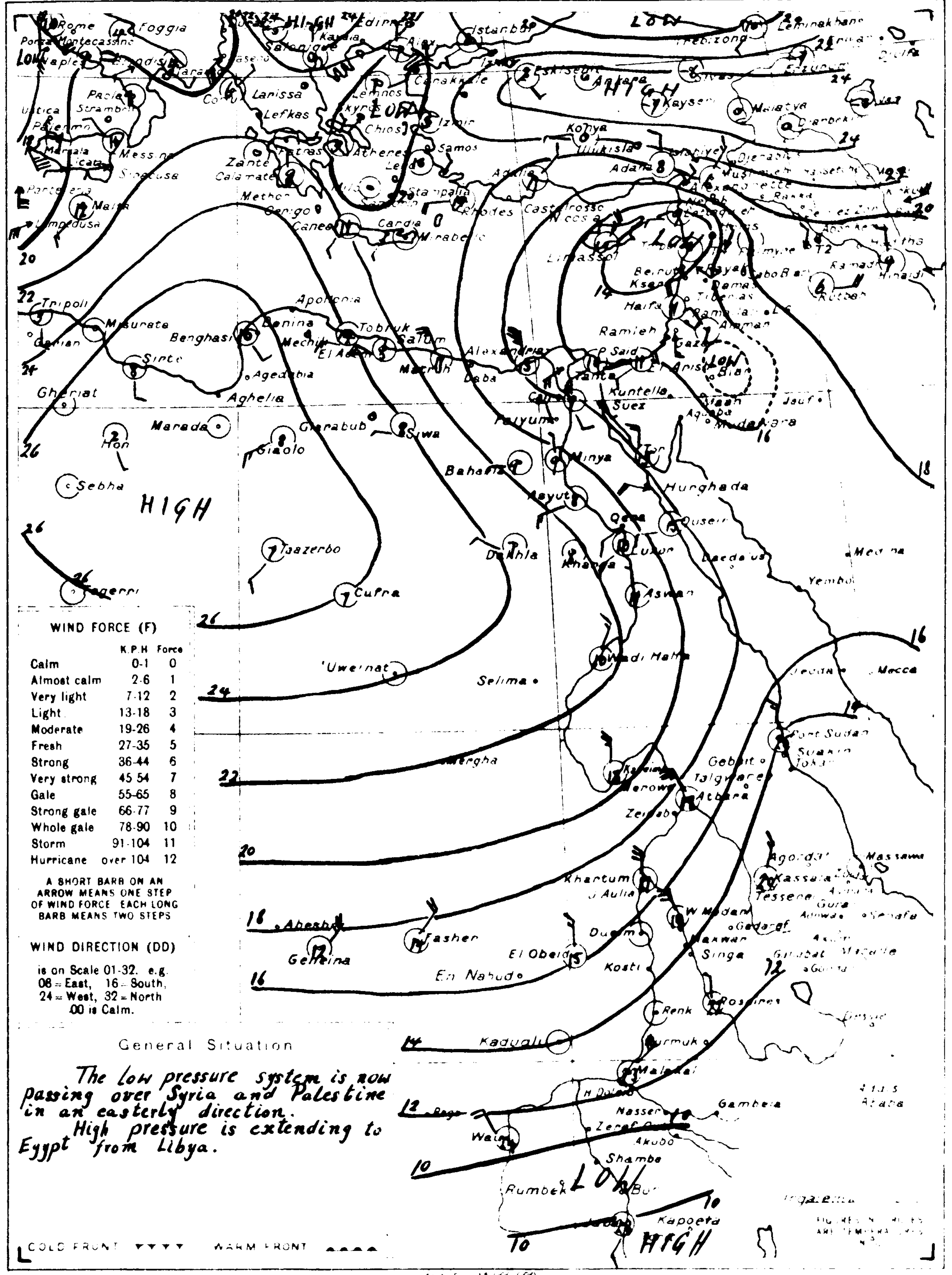
تنبؤات طقس المنطقة في ٢٤ ساعة من ظهر يوم ١١
رياح شمالية غربية شديدة على الساحل ونسبية في الداخل
ثم تعتدل باكر — يكثر السحاب المنخفض احيانا
يتساقط مطر على الساحل وكذلك في جهات متفرقة من الداخل
تستمر درجة الحرارة مائلة الى البرودة .
يتحسن الطقس باكر .

Station	Mean of day Humidity on 10th	Diff. from normal	Mean of day Wet bulb temp. on 10th	Diff. from normal
Alexandria	67	+1	10.6	-0.2
Ezbekiya	57	-13	9.0	-1.2
Giza	67	-7	8.0	-2.4
Helwan	50	-9	7.5	-1.4
Giza	11th	1.9		

Date	1939	1938
11.1	1331	1251
10.1	1331	1271

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10.1	13.51	+0.10	13.53	+0.12
Nasser	10.1	9.74	+2.92	9.80	+2.89
Malakal	11.1	12.62	+1.23	12.62	+1.20
Roseires	11.1	12.92	+0.72	12.94	+0.73
Sennar Res.	9.1	20.72	—	20.70	—
J. Aulia U.S.	10.1	375.11	—	375.08	—
J. Aulia D.S.	10.1	372.19	+0.16	372.19	+0.15
Khartum	10.1	11.38	+0.21	11.40	+0.21
Khashm el Girba					
Atbara	10.1	10.98	+0.26	10.99	+0.26
Kajnarti	10.1	134.37	+0.39	134.41	+0.41
Aswan Res.	11.1	120.60	—	120.55	—
Aswan D.S.	11.1	86.67	+0.48	86.64	+0.45
Roda (Cairo)	11.1	14.77	-0.05	14.75	-0.07

٣٩-١-١١ Isobars, Wind and Temperature at 8 h. 11-1-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

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

General Situation

The low pressure system is now passing over Syria and Palestine in an easterly direction.
High pressure is extending to Egypt from Libya.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15,000,000

At 8 h. on 11th

Station	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. M.S.L.	Diff. from normal	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 hrs	Total	Normal
Limassol	03	5	04	5	2	7	—	15.9	-1.4	16	—	—	—	—	—	tr	—	235
Haifa	03	—	10	2	—	7	—	15.8	-0.5	11.4	17	-1	10	+2	78	12	335	376
Gaza	01	8	20	2	1	3	As	15.5	-1.3	10.0	—	—	—	—	70	30	309	205

SHIPS

HOURS ARE EXPRESSED IN STANDARD TIME ... AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-64
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, new ...	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

CLOUD AMOUNT (N)

Clear	0
Overcast	
Fog or ...	

CLOUD FORM (C)

CAIRO
Time of Sunrise 06 h 52 m
" " Sunset 17 h 15 m

Month JANUARY 1939 ١٩٣٩ شهر يناير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417

DAILY WEATHER REPORT

At 14 h. on 11th — At 8 h. on THURSDAY 12th

STATION	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb TTT °C	Max Yesterday MM	Diff from norm	Min Today mm	Diff from norm	Humidity	Rain Past 24h	Total since Oct 1	Normal from Oct 1	Station No.
SALUM	02	7	28	4	5	5	cb	22.8	16.8	63	13	6	24	5	2	6	NS	26.7	+8.2	11.2	17	—	7	—	71	tr	43	—	130
MATRUH	02	7	26	4	1	4	Cu	20.4	16.9	79	03	6	22	3	6	7	cb	25.4	+6.7	12.7	17	-1	11	+3	90	1	66	89	131
DIKHEILA	25	8	28	6	2	5	cb	18.2	16.0	72	50	7	18	2	1	5	Cb	24.7	—	12.8	18	—	10	—	88	dr	59		150
ALEXANDRIA	02	9	32	7	2	5	Cu	17.8	16.9	82	03	8	28	4	2	6	cb	24.6	+5.6	15.8	18	-1	14	+3	77	tr	130	115	132
DAMIETTA											01	8	20	2	1	4	Ac	23.5	—	11.8	16	—	10	—	87	9	41	52	159
PORT SAID	20	6	04	4	6	5	Cu	13.6	14.0	93	02	7	22	4	6	4	Cu	23.4	+6.0	13.3	15	-4	10	-1	90	3	26	39	134
EL ARISH	01	7	22	3	1	3	Cu	14.6	16.2	65	03	7	22	2	1	6	cb	23.1	—	12.4	17	—	11	—	97	1	70	40	135
DAMANHUR											01	5	20	1	1	2	Cu	25.0	+6.3	9.0	18	-2	7	0	95	0	13	48	136
MANSURA											00	8	20	1	0	0	—	24.2	—	10.2	18	-2	9	+2	89	dr	24	21	137
TANTA	03	5	28	6	6	7	NS	16.0	17.5	66	00	7	20	3	0	0	—	25.1	+5.5	10.0	19	-1	6	-1	95	tr	15	17	138
ZAGAZIG	02	7	28	8	2	4	Cu	16.4	17.4	79	02	7	20	1	1	4	Cu	24.7	—	9.4	19	-1	8	+2	92	1	11	12	139
CAIRO ALMAZA	03	8	24	4	2	6	Cu	17.4	18.1	45	05	6	16	2	2	2	Cu	25.1	—	11.3	18	—	9	—	77	tr	2		141
CAIRO EZBEKIYA	03	7	28	4	2	6	cb	16.6	19.2	69	01	5	14	1	0	2	Sc	25.5	+6.3	11.2	20	+1	8	+1	85	1	4	11	
CAIRO GIZA	02	6	30	3	5	5	Cb	16.8	19.5	51	04	6	14	3	0	0	—	25.8	+5.9	11.3	20	+1	8	+2	91	dr	3	12	
HELWAN	02	7	28	5	5	5	cb	16.6	18.0	43	09	5	00	0	0	3	Cu	26.2	+6.6	9.9	18	0	9	+1	94	dr	9	11	143
SUEZ	03	7	24	1	6	8	Sc	16.0	14.8	71	02	7	28	1	1	5	Cu	24.3	+5.7	14.0	17	-3	10	0	81	1	14	10	144
FAYUM	01	8	18	1	0	4	Cu	17.6	18.9	47	00	7	30	1	0	0	—	25.5	+6.0	11.2	20	0	7	+1	73	0	dr	4	153
MINYA	02	6	28	5	1	4	Cu	19.0	19.0	46	04	3	00	0	1	0	—	26.4	+6.1	7.0	20	0	7	+1	100	0	2	—	154
ASYUT	02	8	22	4	1	4	St	19.4	18.0	46	05	5	22	3	1	8	As	26.0	+5.7	9.5	19	-1	7	+1	94	0	2	3	155
QENA	01	8	22	4	1	3	Cu	18.6	19.7	43	00	8	30	2	0	0	—	26.0	+6.8	11.0	20	-3	8	+1	85	0	dr	—	156
LUXOR	01	8	26	4	0	1	St	19.1	19.0	45	00	7	12	2	0	0	—	25.0	—	8.9	19	—	6	—	83	0	dr	—	157
ASWAN	00	7	28	3	0	0	—	18.6	19.3	25	00	7	00	0	0	0	—	24.6	+5.4	10.0	20	-4	7	-2	62	0	1	—	158
SIWA	02	7	26	1	1	4	Cu	—	17.8	31	00	7	26	1	0	0	—	—	—	9.8	20	+1	8	+4	63	0	dr	5	148
BAHARIYA	02	9	28	4	1	4	—	20.7	17.8	50	00	9	00	0	0	0	—	27.0	—	8.5	18	—	—	—	79	0	0	—	149
KHARGA	00	8	32	3	0	0	—	20.3	18.3	47	00	8	00	0	0	0	—	26.8	+7.2	9.8	19	-4	6	0	69	0	dr	tr	151
DAKHLA	01	8	30	4	1	3	Ci	21.9	17.8	48	00	6	26	2	0	0	—	27.1	+6.8	9.0	19	-3	7	+2	80	0	dr	—	152
TOR	00	6	32	3	0	0	—	17.0	18.5	68	00	6	32	3	0	0	—	22.4	+4.2	16.1	20	-1	12	+3	73	0	19	9	145
HURGHADA											00	9	26	4	0	0	—	22.7	+4.2	15.2	21	-1	11	+1	59	0	1	—	146
QUSEIR	00	5	24	3	0	0	—	17.6	214	41	00	5	24	2	0	0	—	23.6	+5.6	15.0	23	0	10	-4	68	0	tr	6	147
PORT SUDAN	03	—	32	6	8	—	—	12	26	60	03	—	30	4	2	7	—	19.6	+4.1	22.2	28	+1	17	-3	56	dr	66	94	[illegible]
WADI HALFA	01	8	28	3	0	1	Ac	18.9	19	30	00	8	02	1	0	0	—	26.3	+7.1	8.4	19	-5	6	-2	72	—	—	—	165
KAREIMA	05	7	28	6	0	5	—	17.3	22	22	01	8	28	4	0	4	Ci	23.6	+6.8	12.2	23	-6	10	-2	43	0	0	1	166
ATBARA	01	—	32	6	3	—	—	13	26	40	00	—	32	6	0	0	—	19.0	+4.1	16.0	26	-4	14	0	28	0	6	1	167
KHARTUM	18	4	30	5	1	7	—	12.3	27	15	01	8	32	4	0	3	Cs	19.8	+5.6	15.5	28	-4	13	-2	24	0	dr	5	168
KASSALA	00	7	02	2	0	0	—	8.4	31	27	02	8	04	2	1	5	Ci	16.8	+3.8	17.4	32	-2	15	-1	26	0	dr	11	170
WAD MEDANI	02	—	28	4	0	—	—	12	29	40	00	—	32	5	0	0	—	18.4	+5.0	17.0	29	-5	10	-5	20	0	2	13	171
DUEIM	01	—	24	4	0	—	—	13	26	20	00	—	—	4	0	0	—	18.2	+4.7	17.2	27	-6	14	0	36	0	14	12	173
RENK																		—		—		—		—					182
ROSEIRES	01	—	26	1	0	—	—	7	32	40	00	—	32	1	0	0	—	14.4	+2.5	20.0	32	-4	16	0	31	0	27	37	172
EL OBEID	03	8	04	3	1	8	—	10.7	23	25	02	8	02	3	1	5	Ci	20.3	+4.3	13.8	25	-5	12	+1	37	0	8	19	174
EL FASHER	01	—	02	2	0	—	—	—	25	10	00	—	04	3	0	0	—	—	—	11.8	28	-2	9	-1	29	0	0	8	175
GENEINA	00	4	28	3	0	0	—	10.7	28	27	00	8	06	4	0	0	—	—	—	12.5	25	—	12	—	25	0	dr	—	179
KADUGLI																													187
MALAKAL	17	5	04	6	5	5	Ac	9.1	30	15	17	6	04	6	2	8	Ac, Ci	15.6	+4.1	20.3	31	-4	19	+1	14	0	83	93	176
WAU	01	—	08	1	0	—	—	8	32	10	00	—	32	2	0	0	—	14.4	+3.2	21.0	33	-2	18	+1	20	0	103	146	177
JUBA	02	8	04	2	0	5	Cu	4.5	36	33	00	8	32	1	0	0	—	14.4	+3.7	23.0	37	0	19	-1	52	0	231	141	178

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

SALUM MATRUH DIKHEILA CAIRO HELWAN ASYUT ASWAN WADI HALFA KAREIMA KHARTUM KASSALA EL OBEID MALAKAL JUBA SALUM 11th

7h 7h 8h 8h 30m 8h 20m h m 7h 4h 6h 6h 6h 7h 5h 13h

02 27 20 02 31 30 02 29 20 02 24 05 02 18 10 02 35 15 03 01 15 06 36 30 06 35 30 06 34 10 07 01 35 06 02 30 06 08 10 02 32 30
05 — — 05 31 40 05 29 20 05 32 25 05 28 05 05 36 35 06 02 45 10 35 30 10 01 60 10 04 20 10 03 55 10 04 70 10 10 15 05 33 35
10 09 50 10 30 40 07 30 20 10 32 25 08 34 15 10 36 45 10 02 55 15 33 26 15 34 25 15 06 15 15 04 40 15 07 45 15 11 10 10 32 40
15 07 10 Ent. Cb. Ent. Cb. 15 32 30 10 31 55 15 01 30 15 01 30 20 33 25 20 22 05 20 02 15 20 01 35 20 18 10 15 31 25
18 03 10 20 28 25 20 01 20 20 34 15 30 23 25 30 28 05 30 24 05 Ent. Cb.
Ent. NS. 40 24 10
43 28 10

Forecast for 24 hours from noon on 12th
Light to moderate northwesterly winds, becoming northeasterly inland tomorrow.
Some low cloud.
Light showers near the coast.
Slight rise in temperature.

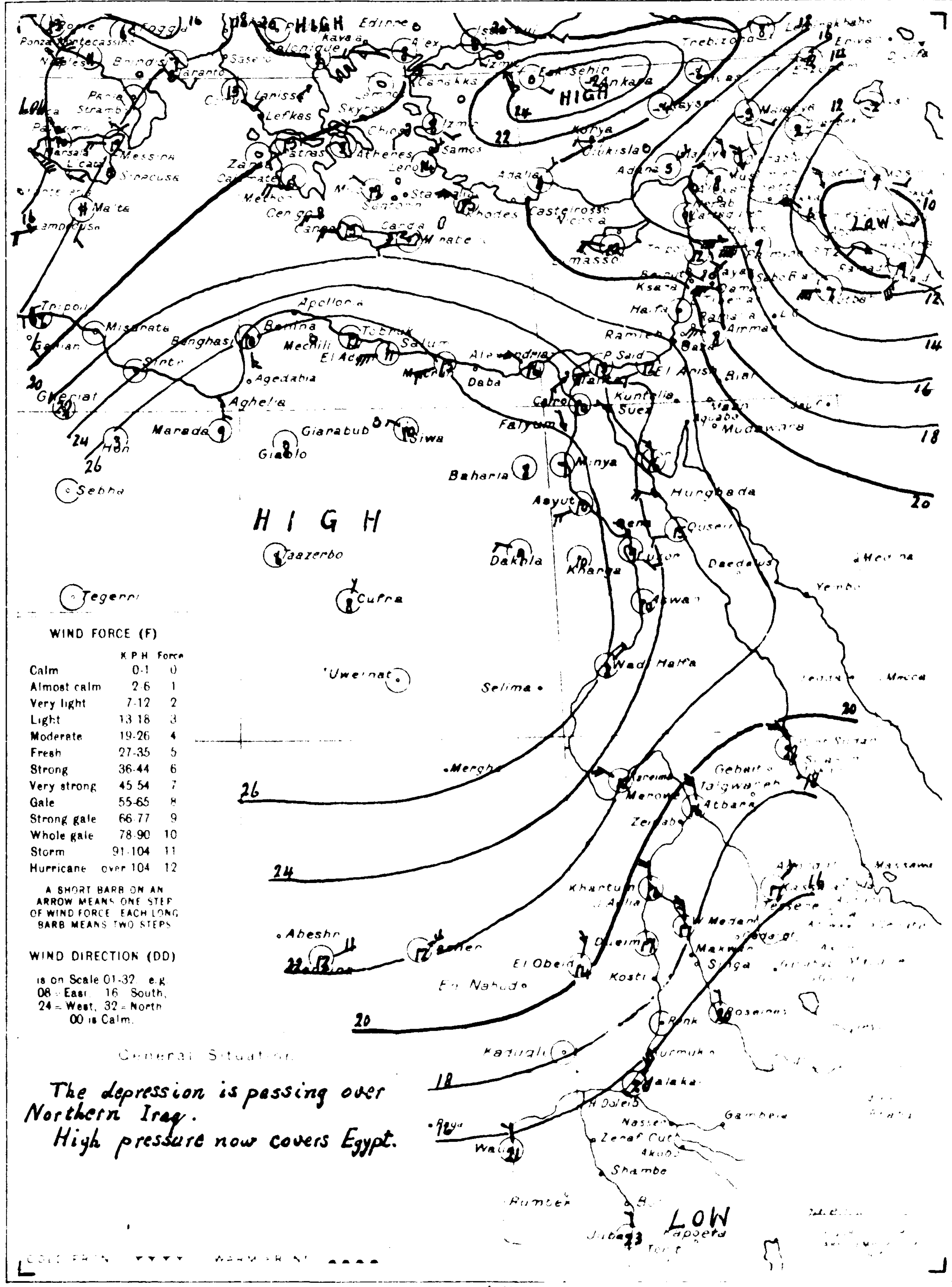
رياح شمالية غربية بين الخفيفة والمعتدلة ثم تتحول
الى شمالية شرقية في الداخل غداً.
يظهر بعض السحاب المنخفض.
يتساقط رذاذ خفيف بالقرب من الساحل.
ترتفع درجة الحرارة قليلاً.

Station	11th		11th	
Alexandria	76	+10	18.7	+3.0
Ezbekiya	64	0	10.5	+0.3
Giza	75	+2	10.0	-0.3
Helwan	66	+8	9.3	+0.4
Giza		12th	5.1	

11-1	1331	1251
10-1	1331	1271

Gauge		Date	Reading	Diff	Previous day Reading	Diff
Juba	*	11-1	13.53	+0.13	13.51	+0.10
Nasser		11-1	9.66	+2.91	9.74	+2.92
Malakal		12-1	12.62	+1.26	12.61	+1.23
Roseires		12-1	12.90	+0.71	12.92	+0.72
Sennar Res		11-1	20.71	—	20.73	—
J. Aulia U.S.		12-1	376.86	—	374.76	—
J. Aulia D.S.		12-1	372.19	+0.19	372.25	+0.23
Khartoum		10-1	11.38	+0.21	11.40	+0.21
		—	—	—	—	—
Atbara		11-1	10.98	+0.27	10.98	+0.26
		11-1	134.30	+0.34	134.37	+0.37
Aswan Res		11-1	120.60	—	120.55	—
Aswan D.S.		11-1	86.67	+0.48	86.64	+0.45
Roda (Cairo)		12-1	14.77	-0.04	14.77	-0.05

.١٩٣٩-١-١٢ Isobars, Wind and Temperature at 8 h. 12-1-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

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

General Situation
The depression is passing over Northern Iraq.
High pressure now covers Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

12th ١٢

Limassol 01 7 26 4 1 1 — 17.8 20 12 — — — — — — 1 — 238

53281 33506 29301 24862

* Juba River Gauge Reading for 15-12-938 published on 16 & 17-12-938 should read 13.55 instead of 13.53 m.

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

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month JANUARY, 1939 ١٩٣٩ شهر يناير

At 14 h. on 12th الساعة ١٤ يوم ١٢ — At 8 h. on FRIDAY 13th الساعة ٨ يوم الجمعة ١٣

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	01	8	00	0	1	3	Cu	25.1	18.1	44	02	6	24	4	1	5	Ac	28.8	+10.2	8.0	19	—	7	—	69	0	43	—	130
MATRUH	03	7	26	4	2	7	Cu	24.0	16.9	81	01	7	18	2	1	4	As	27.6	+8.9	10.7	17	-1	8	0	83	0	66	90	131
DIKHEILA	02	8	28	4	1	4	Sc	23.8	17.5	68	50	7	00	0	5	6	Cb	27.9	—	14.6	18	—	12	—	83	dr	59	—	150
ALEXANDRIA	02	9	26	4	2	4	Cu	23.8	18.2	74	03	8	32	1	5	7	Cb	27.5	+8.5	15.6	20	+1	14	+3	83	dr	130	116	132
DAMIETTA											03	7	20	1	2	7	Ac	27.1	—	13.9	19	—	11	—	85	0	41	53	159
PORT SAID	00	7	28	3	1	0	—	22.8	18.8	64	02	7	22	3	1	4	Ac	27.4	+10.0	15.0	19	0	12	+1	86	0	26	39	134
EL 'ARISH	01	7	22	3	5	3	Cu	22.6	17.4	77	02	7	22	1	1	5	Cu	27.6	—	13.2	18	—	12	—	86	1	71	40	135
LOWER EGYPT																													
DAMANHÛR											03	4	00	0	2	8	As	28.0	+9.3	13.4	19	-1	9	+2	89	0	13	49	136
MANSÛRA											02	4	02	1	1	5	Sc	27.6	—	12.6	20	0	10	+3	87	0	24	21	137
TANTA	03	6	22	3	2	6	Ns	23.8	18.0	71	01	7	00	0	1	4	Ac	28.0	+8.4	12.0	20	0	7	0	91	0	15	17	138
ZAGÂZÎG	02	7	20	4	1	4	Cc	23.9	20.4	63	02	7	20	1	2	4	Cc	28.4	—	12.9	21	+1	8	+2	95	0	11	12	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	02	8	26	3	2	5	Cu	23.8	18.0	61	03	7	00	0	2	6	Ac	27.2	—	14.1	18	—	11	—	86	0	2	—	141
EZBEKIYA	01	8	28	2	1	4	Cu	23.9	18.3	53	04	5	10	1	2	5	Cb	28.0	+8.8	13.5	21	+2	10	+3	85	0	4	11	—
GÎZA	02	8	30	1	2	5	Cu	24.2	20.0	53	04	5	10	1	2	5	Cb	28.2	+8.3	13.0	22	+3	10	+4	88	dr	3	12	—
HELWÂN	02	8	26	2	1	5	Cu	24.3	17.4	49	09	5	00	0	1	4	Sc	28.2	+8.6	13.0	19	+1	11	+3	81	0	9	12	143
SUEZ	02	9	32	2	1	4	Cu	23.8	18.0	53	03	7	02	2	2	6	Cu	27.9	+9.3	13.5	20	0	12	+2	87	0	14	10	144
UPPER EGYPT																													
FAIYÛM	02	7	30	4	1	4	Cu	24.3	18.8	51	02	7	32	2	1	6	Sc	28.8	+9.3	14.0	22	+2	10	+4	74	0	dr	4	153
MINYA	02	7	30	2	1	4	Cu	24.3	18.4	53	02	6	02	1	2	5	Ac	27.5	+7.2	14.5	19	-1	7	+1	73	0	2	—	154
ASYÛT	02	8	30	3	1	4	St	24.2	18.8	56	00	6	22	2	0	0	—	28.0	+7.7	9.4	20	0	7	+1	80	0	2	3	155
QENA	00	8	26	1	0	0	—	20.7	22.6	50	00	8	28	1	0	0	—	26.6	+7.4	10.7	24	+2	7	0	76	0	dr	—	156
LUXOR	01	7	30	3	0	1	—	22.4	20.8	46	00	7	10	2	0	0	—	26.6	—	8.9	22	—	5	—	81	0	dr	—	157
ASWÂN	00	7	32	3	0	0	—	21.0	21.2	32	00	7	32	2	0	0	—	23.9	+4.7	11.5	22	-2	8	-1	58	0	1	—	158
WESTERN DESERT																													
SÎWA	00	7	00	0	0	0	—	—	20.0	54	02	7	00	0	1	4	Cu	—	—	5.2	23	+4	3	-1	77	0	dr	5	148
BAHARÎYA	01	9	00	0	1	3	—	24.3	19.0	39	01	9	00	0	0	3	—	28.4	—	7.5	19	—	4	—	65	0	0	—	149
KHÂRGA	00	8	32	3	0	0	—	24.2	19.3	47	00	8	32	2	0	0	—	27.4	+7.8	10.3	20	-3	7	+1	58	0	dr	tr	151
DÂKHLA	01	8	30	3	1	4	Ci	25.0	18.3	45	00	5	20	1	0	0	—	28.7	+8.4	8.3	19	-3	5	0	71	0	dr	—	152
RED SEA																													
TÔR	00	6	28	6	0	0	—	21.1	19.8	79	00	6	32	1	0	0	—	25.4	+7.2	13.2	22	+1	9	0	69	0	19	9	145
HURGHÂDA											02	8	28	4	1	4	Cu	25.5	+7.0	16.3	22	0	12	+2	57	0	1	—	146
QUṢEIR	00	5	32	2	0	0	—	21.9	21.2	60	00	5	26	2	0	0	—	24.8	+6.8	16.2	22	-1	14	0	52	0	tr	6	147
PORT SUDAN	03	—	32	5	2	—	—	18	23	50	03	—	28	3	1	7	—	19.6	+4.1	22.3	28	+1	20	0	49	0	66	94	169
NORTH SUDAN																													
WÂDI HALFA	00	8	32	3	1	0	—	19.5	—	19	01	8	02	2	0	4	Cs	25.7	+6.5	9.4	21	-3	9	+1	73	—	—	—	165
KAREIMA	02	8	28	3	1	5	—	18.8	23	18	01	8	30	5	0	1	Ci	22.4	+5.6	12.6	23	-6	11	-1	45	0	0	1	166
'ATBARA	01	—	30	5	0	—	—	15	25	20	00	—	32	3	0	0	—	19.2	+4.3	16.8	25	-5	13	-1	39	0	6	1	167
KHARTÛM	02	8	32	4	1	5	—	14.8	27	15	00	8	02	3	0	0	—	18.6	+4.4	16.5	31	-1	14	-1	34	0	dr	5	168
KASSALA	00	8	04	3	1	0	—	10.7	31	37	00	8	06	3	0	0	—	15.0	+2.3	20.7	32	-2	17	+1	74	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	32	5	0	—	—	13	29	10	00	—	32	3	0	0	—	17.2	+3.8	18.0	30	-4	12	-3	26	0	2	13	171
DUEIM	01	—	24	4	0	—	—	14	26	10	00	—	—	3	0	0	—	17.8	+4.3	18.0	28	-5	15	+1	31	0	14	12	173
RENK	00	7	28	3	0	0	—	11.4	28	27									—			—		—					182
ROṢEIRES	01	—	28	1	0	—	—	8	30	10	00	—	30	1	0	0	—	12.6	+0.7	20.6	32	-4	16	0	50	0	27	37	172
EL OBEID	03	8	32	4	1	6	—	14.3	24	15	00	8	32	3	0	0	—	19.6	+3.7	14.4	25	-5	13	+2	37	0	8	19	174
EL FÂSHER	01	—	04	3	0	—	—	—	—	10	00	—	04	2	0	0	—	—	—	12.5	27	-3	9	-1	31	0	0	8	175
GENEINA	00	8	08	5	0	0	—	—	25	11	01	7	32	4	0	4	Ac	—	—	13.0	27	—	12	—	25	0	dr	—	179
KADUGLI	01	7	04	5	1	3	—	11.6	28	44																		—	187
S. SUDAN																													
MALAKÂL	01	7	04	5	2	3	Ac	9.6	30	13	01	7	04	4	0	3	Cs	15.2	+3.7	20.8	31	-4	17	-1	17	0	83	93	176
WÂU	01	—	32	3	0	—	—	9	30	10	00	—	32	2	0	0	—	14.7	+3.5	18.8	32	-3	17	0	33	0	103	146	177
JÛBA	00	8	04	4	0	0	—	7.9	33	21	17	6	02	1	0	0	—	14.9	+4.3	21.1	34	-4	18	-2	49	0	231	141	178

UPPER WINDS

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

SALÛM	MAṬRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 12th
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	4 h. m.	4 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	13 h. m.
							03.02.35	06.36.30	06.36.45	06.05.10	07.36.35	06.02.55	06.33.15	02.32.10
							06.03.60	10.35.30	10.33.70	10.00.00	10.03.55	10.04.80	10.34.20	05.34.10
							10.04.40	15.33.25	15.05.05	15.00.00	15.06.25	15.06.60	15.33.25	10.01.10
							15.04.25	20.33.25	20.33.15		20.06.25	20.09.35	20.32.25	
							20.02.20						30.25.10	
							30.29.25						40.19.10	
							39.31.40						44.18.10	

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet Bulb Temp °C on 12th	Diff. from normal
Alexandria	75	+9	14.4	+3.7
Ezbekiya	75	+6	11.7	+1.5
Giza	81	+8	11.8	+1.5
Helwân	76	+18	10.6	+1.7

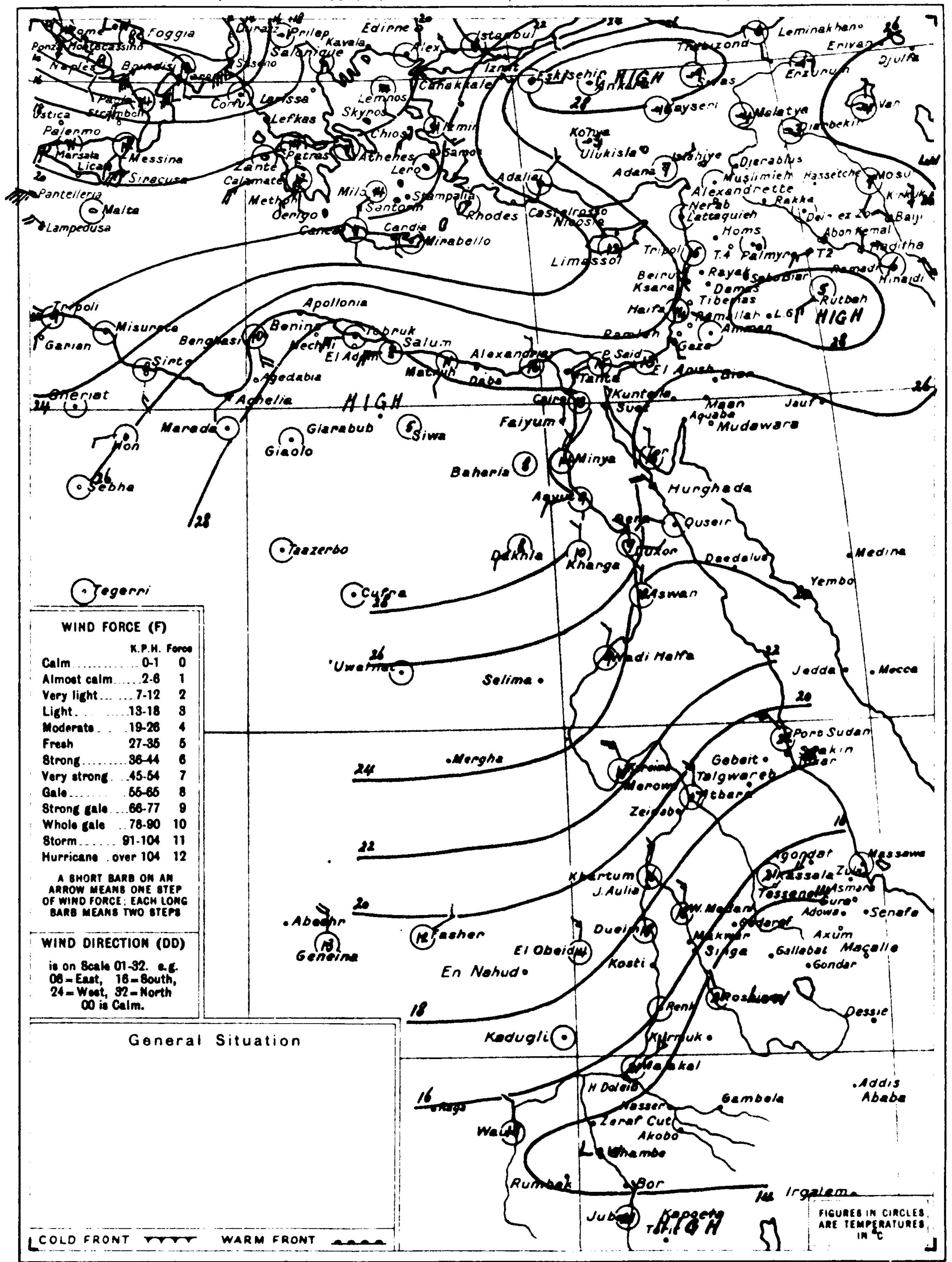
Giza Grass minimum on 13th 6.6 °C

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

DATE	1939	1938
13-1	1331	1253
12-1	1331	1252

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13.1	13.50	+0.10	13.53	+0.13
Nâṣṣer	13.1	9.52	+2.93	9.58	+2.90
Malakâl	13.1	12.61	+1.29	12.62	+1.26
Roṣeires	13.1	12.89	+0.71	12.90	+0.71
Sennâr Res.	13.1	20.70	—	20.70	—
J. Aulia U.S	13.1	374.90		374.86	—
J. Aulia D.S	13.1	372.19	+0.21	372.19	+0.19
Khartûm	12.1	11.30	+0.17	11.30	+0.15
Kh. el Girba					
'Atbara	13.1	10.94	+0.25	10.98	+0.28
Kajnarti	13.1	134.23	+0.32	134.27	+0.34
Aswân Res.	13.1	120.65		120.63	—
Aswân D.S.	13.1	86.64	+0.45	86.63	+0.44
Rôda (Cairo)	13.1	14.75	-0.04	14.77	-0.04

٣٩-١-١٣ Isobars, Wind and Temperature at 8 h. 13-1-39



SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 13-1-39 الساعة ٨ يوم ١٣-١-٣٩

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	6	28	2	4	3	—	24.4	+6.6	12	—	—	—	—	—	0	—	241
Haifa	00	—	10	1	—	0	—	27.0	+10.7	13.8	18	0	11	+3	76	0	336	390
Gaza	02	6	14	1	6	5	Fs.	26.0	+9.2	12	—	—	10	+2	80	3	289	211
Haifa 12th	01	—	26	2	—	4	—	19.4	+3.1	15.9	15	-3	9	+1	68	1	336	303
Gaza 12th	02	8	02	1	2	5	—	21.5	+4.7	15	—	—	—	—	60	7	286	208
SHIPS سفن																		

Remarks

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

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

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

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

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

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

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100. ABROAD P.T. 150

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *JANUARY* 1939 — ١٩٣٩ شهر يناير

At 14 h. on *13th* الساعة ١٤ يوم ١٣ — At 8 h. on *SATURDAY 14th* الساعة ٨ يوم السبت ١٤

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Bar. Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
[illegible]ÛM	03	7	18	3	2	7	Sc	26.8	16.5	40	02	6	24	4	1	5	Ac	29.1	+10.5	7.0	18	—	6	—	71	0	43	—	130
MATRÛH	02	7	28	3	2	3	As	25.8	17.4	72	02	7	18	2	2	5	As	27.8	+9.1	9.6	18	0	8	0	78	0	66	92	131
DIKHEILA	03	8	30	2	2	6	Sc	25.9	17.8	60	02	8	04	1	1	6	Ci	27.1	—	17.0	21	—	14	—	60	dr.	59	—	150
ALEXANDRIA	03	8	00	0	5	7	Sc	25.8	17.6	69	02	8	00	0	2	5	Ac	27.5	+8.5	15.4	20	+1	15	+4	75	dr.	130	118	132
DAMIETTA											05	5	00	0	2	5	Ac	25.4	—	12.7	21	—	10	—	96	0	41	54	159
PORT SAÎD	02	7	30	3	1	5	Ns	24.8	18.4	72	02	7	30	2	1	5	Cu	26.6	+9.2	14.6	21	+2	12	+1	97	0	26	40	134
EL 'ARÎSH	01	7	28	2	1	3	Cu	25.4	18.2	67	03	7	16	1	1	6	Cu	26.8	—	10.2	19	—	8	—	89	0	71	41	135
LOWER EGYPT																													
DAMANHÛR											02	5	02	1	2	5	Ci	27.6	+8.9	10.8	21	+1	9	+2	95	0	13	50	136
MANṢÛRA											02	5	12	1	1	5	Ac	27.0	—	11.4	21	+1	9	+2	89	0	24	22	137
[illegible]	03	6	00	0	2	6	Cu	25.4	21.0	49	02	7	00	0	1	4	Cs	27.2	+7.6	12.5	22	+2	8	+1	94	0	15	18	138
[illegible]	02	7	02	1	1	4	Cc	25.5	18.9	72	01	7	28	1	1	3	Cc	27.6	—	10.4	22	+2	5	-1	98	0	11	13	139
MIDDLE EGYPT																													
[illegible]AZA	02	8	02	3	1	4	Sc	24.3	19.5	49	05	6	04	2	0	5	Ac	26.2	—	11.7	21	—	7	—	81	0	2	—	141
CAIRO [illegible]EKIYA	01	8	28	3	1	4	Cu	25.6	19.4	53	02	5	30	1	2	5	Cs	27.2	+8.0	11.2	22	+3	8	+1	85	0	4	12	—
GIZA	01	7	30	1	1	4	Cu	26.0	21.0	47	02	5	30	1	2	5	Cs	27.2	+7.3	9.2	23	+4	7	+1	93	0	3	13	—
HELWÂN	02	8	32	3	1	4	Cu	24.4	19.4	36	09	6	04	3	1	4	Ci	26.8	+7.2	12.1	20	+2	10	+2	87	0	9	12	143
SUEZ	01	9	02	2	1	3	Cu	24.7	19.1	43	02	7	28	2	1	4	As	26.8	+8.2	11.8	20	0	9	-1	78	0	14	10	144
UPPER EGYPT																													
FAIYÛM	01	7	02	2	1	4	Cu	24.4	20.8	36	01	7	30	2	1	4	Sc	—	—	8.9	22	+2	6	0	83	0	dr.	4	153
MINYA	01	8	04	3	1	2	Cu	24.3	20.0	40	02	4	32	1	2	4	Cs	25.6	+5.4	7.0	20	0	6	0	85	0	2	—	154
ASYÛT	00	8	02	3	0	0	—	23.5	20.2	36	02	6	22	3	1	4	Ci	25.2	+4.9	7.7	22	+2	5	-1	80	0	2	3	155
QENA	00	8	22	1	0	0	—	21.8	22.8	43	01	7	28	1	1	3	Cs	24.0	+4.8	9.8	25	+3	6	-1	75	0	dr.	—	156
LUXOR	00	7	06	2	0	0	—	21.6	23.8	43	03	7	10	3	2	6	Cu	23.5	—	9.2	24	—	5	—	78	0	dr.	—	157
ASWÂN	00	7	32	2	0	0	—	19.6	23.6	36	00	7	00	0	0	0	—	22.0	+2.8	11.8	24	0	9	0	60	0	1	—	158
WESTERN DESERT																													
SÎWA	02	7	26	1	2	5	Cu	—	21.0	48	02	7	00	0	2	5	Cu	—	—	9.0	21	+2	5	+1	63	0	dr.	5	149
BAHARÎYA	01	9	00	0	0	3	—	25.8	20.0	40	02	9	00	0	1	4	—	27.8	—	10.8	20	—	7	—	84	0	0	—	149
KHARGA	00	8	32	2	0	0	—	26.2	18.9	36	00	8	32	2	0	0	—	24.2	+4.6	11.7	20	-3	10	+4	61	0	dr.	tr.	151
DÂKHLA	00	8	06	1	0	0	—	24.4	19.5	42	02	5	00	0	2	5	Cs	26.0	+5.7	10.0	21	-1	7	+2	67	0	dr.	—	152
RED SEA																													
TÔR	00	6	28	4	0	1	Ci	22.0	20.5	44	00	6	32	3	0	2	Cc	23.4	+5.2	11.5	22	+1	8	-1	64	0	19	9	145
HURGHÂDA											01	9	28	4	1	4	Cu	23.6	+5.1	15.1	22	0	12	+2	65	0	1	—	146
QUṢEIR	00	4	32	2	0	0	—	23.0	20.4	71	00	5	28	2	0	0	—	22.2	+4.2	16.1	22	-1	15	+1	68	0	tr.	7	147
PORT SUDAN	01	—	04	5	0	—	—	16	26	40	00	—	28	2	0	0	—	16.8	+1.2	22.7	27	0	17	-3	49	0	66	95	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	1	0	0	—	22.3	+3.1	10.9	23	-1	9	+1	52	—	—	—	165
KAREIMA											02	8	28	4	1	5	Cs	20.4	+3.6	14.0	25	-4	11	-1	37	0	0	7	166
'ATBARA											00	—	02	3	0	0	—	17.4	+2.5	17.0	28	-2	13	-1	43	0	6	1	167
KHARTÛM	00	8	02	5	0	1	—	12.6	30	25	00	8	04	4	0	0	—	16.9	+2.7	16.5	30	-2	12	-3	34	0	dr.	5	168
KASSALA	00	8	02	3	0	1	—	10.6	—	—	00	8	08	2	0	0	—	13.9	+1.2	19.0	32	-2	16	0	72	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	32	4	0	—	—	12	30	30	00	—	02	3	0	0	—	15.5	+2.1	18.7	30	-4	12	-3	37	0	2	13	171
DUEIM	01	—	24	3	0	—	—	13	28	30	00	—	—	4	0	0	—	16.2	+2.7	18.4	29	-4	15	+1	40	0	14	12	173
RENK																			—			—		—					182
ROṢEIRES	01	—	26	1	0	—	—	6	34	30	00	—	26	1	0	0	—	11.1	-0.8	22.3	35	-1	17	+1	38	0	27	37	172
EL OBEID	00	8	00	0	0	0	—	12.5	26	19	00	8	32	1	0	0	—	18.3	+2.4	14.0	27	-3	11	0	37	0	8	19	174
EL FÂSHER	01	—	02	4	0	—	—	—	23	20	00	—	02	2	0	0	—	—	—	11.4	28	-2	8	-2	36	0	0	8	175
GENEINA	01	7	04	5	0	3	Ac	—	26	13	00	7	04	4	0	0	—	—	—	12.2	29	—	11	—	33	0	dr.	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL											00	8	04	5	0	0	—	13.9	+2.4	21.2	33	-2	18	0	30	0	83	93	176
WÂU	01	—	04	2	0	—	—	9	31	10	00	—	32	1	0	0	—	14.0	+2.8	19.0	32	-3	16	-1	34	0	103	146	177
JÛBA											17	6	32	1	0	0	—	13.2	+2.6	22.8	33	-5	19	-1	52	0	231	141	178

UPPER WINDS

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

[illegible] ١٤

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Geneina
7 h. m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	4 h. m.	4 h. m.	6 h. m.	6 h. m.	7 h. m.	7 h. m.	6 h. m.	5 h. m.
[illegible]27.20	02.29.20				05.05.40	02.03.10	03.02.25	06.05.40	06.01.40	06.08.10	07.01.35	06.02.50	06.07.10	10.04.55
[illegible]32.10	05.30.10				10.02.25	05.05.45	06.05.45	10.05.30	10.03.6c	10.06.20	10.04.50	10.03.70	10.05.05	15.36.10
[illegible]35.05	10.34.20				15.03.20	10.07.40	10.06.55	15.08.20	15.08.25	15.35.20	15.04.30	15.04.50		20.32.05
[illegible].01.15	15.01.10				20.03.30	15.05.30	15.07.65	20.30.15	20.36.15	20.35.15	20.35.20	20.07.25		24.27.15
20.04.15	20.02.10							21.29.15	30.32.15	30.23.10	30.35.15	30.05.20		
25.31.20	25.32.20								34.29.20			33.05.25		

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 13th	Humidity Diff. from normal	Wet Bulb Temp °C on 13th	Wet Bulb Diff. from normal
Alexandria	75	+9	14.0	+3.3
Ezbekiya	70	+1	13.1	+2.9
Giza	76	+3	12.7	+2.4
Helwân	64	+6	11.6	+2.7

Giza Grass minimum on 14th 4.2 °C

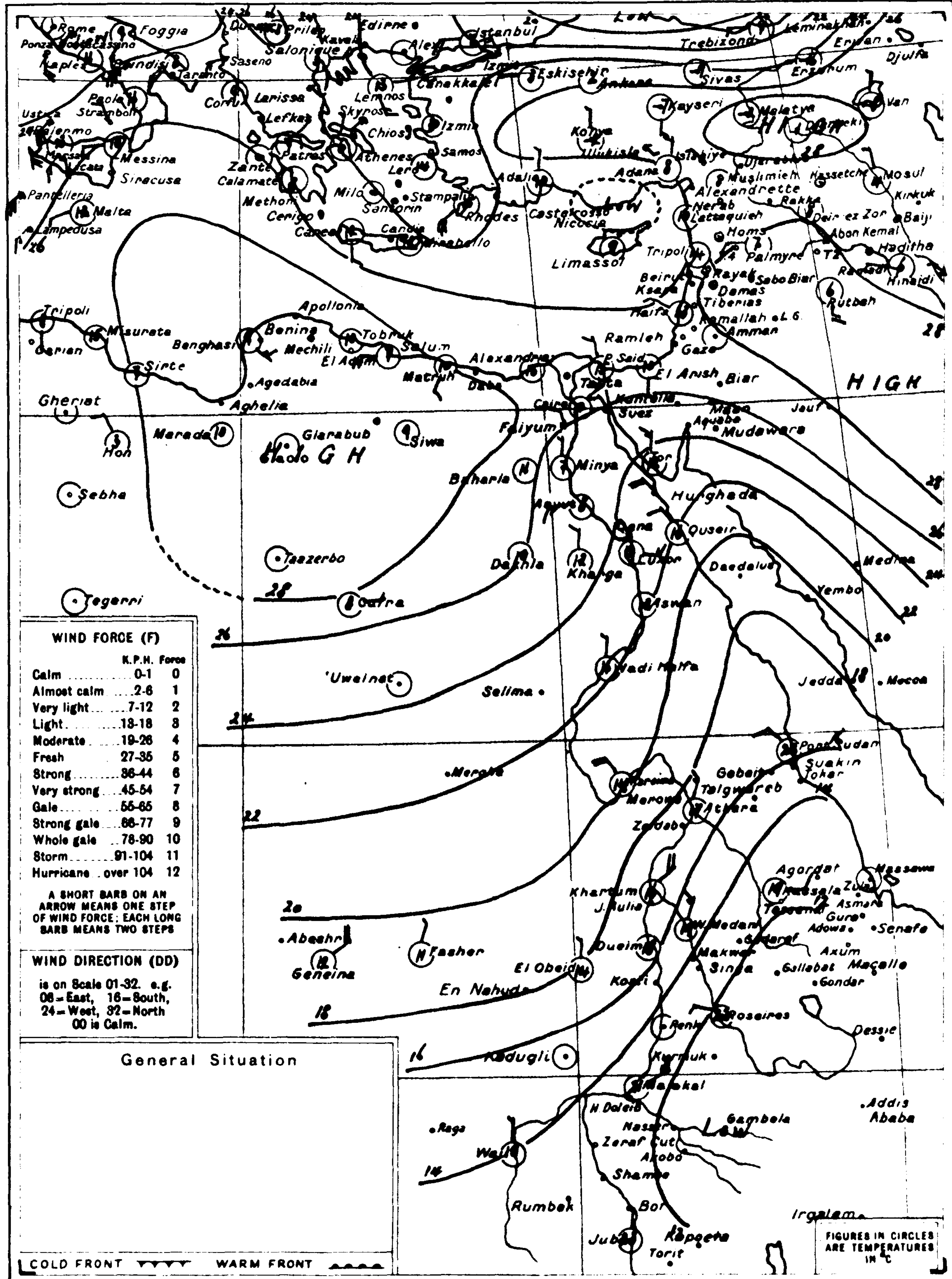
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
14-1	1331	1253
13-1	1331	1253

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-1	13.50	+0.10	13.50	+0.10
Nâsser	14-1	9.42	+2.88	9.52	+2.93
Malakâl	14-1	12.60	+1.30	12.61	+1.29
Roṣeires	14-1	12.87	+0.71	12.89	+0.71
Sennâr Res.	14-1	20.71	—	20.70	—
J. Aulia U.S.	14-1	374.96	—	374.90	—
J. Aulia D.S.	14-1	372.17	+0.21	372.17	+0.21
Khartûm	14-1	11.30	+0.22	11.27	+0.16
Kh. el Girba					
'Atbara	14-1	10.92	+0.24	10.94	+0.25
Kajnarti	14-1	134.23	+0.34	134.23	+0.32
Aswân Res.	14-1	120.65	—	120.65	—
Aswân D.S.	14-1	86.63	+0.44	86.64	+0.45
Roda (Cairo)	14-1	14.78	-0.03	14.75	-0.04

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. *14 - 1 - 39* — ١٤ - ١ - ٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1.15.000.000 — Kms. 200 100 0 200 400 600 Kms.

At 8 h. on 14th — الساعة ٨ يوم ١٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Bar. Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff from norm °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.
Limassol	09	6	00	0	1	1	—	22.8	+2.0	9	—	—	—	—	—	0	—	245
Haifa	01	—	26	1	—	3	—	26.7	+14.4	13.2	20	+2	12	+4	97	0	236	396
SHIPS سفن																		

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h. 52 m.
" " Sunset 17 h. 18 m.

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

DAILY WEATHER REPORT

Month JANUARY 1939 — شهر يناير ١٩٣٩

At 14 h. on 14th — الساعة ١٤ يوم ١٤ / At 8 h. on SUNDAY 15th — الساعة ٨ يوم الأحد ١٥

	STATION	14h Present Weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past Weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. Press. M.S.L. 1000+ mbs. (PPP)	14h Temp. °C (TTT)	14h % Humidity (UU)	8h Present Weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past Weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	Bar. M.S.L. 1000+ mbs. (PPP)	Bar. Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	[illegible]	02	7	00	0	2	5	Sc	26.6	18.0	41	01	7	28	3	1	4	Cu	28.2	+9.6	9.1	19	—	6	—	86	0	43	—	130
	MATRÛH	02	7	28	3	2	6	As	25.1	16.6	87	01	6	30	3	1	4	Cu	25.6	+6.9	16.0	17	-1	9	+1	77	0	66	93	131
	DIKHEILA	02	8	30	1	1	5	Cs	25.0	17.8	56	05	7	12	1	1	4	Cb	25.2	—	13.6	20	—	10	—	79	0	59	—	150
	ALEXANDRIA	02	9	06	1	2	4	Ac	24.7	17.3	77	02	8	00	0	2	4	Cu	25.5	+6.5	15.3	21	+2	13	+2	86	0	130	120	132
	DAMIETTA											04	6	28	1	2	4	Ac	24.7	—	14.0	18	—	11	—	90	0	41	55	159
	PORT SAÏD	02	7	02	4	5	4	Cu	23.1	20.4	62	02	7	04	2	1	4	Cu	24.2	+6.8	17.2	22	+3	14	+4	73	0	26	41	134
	EL 'ARÎSH	02	7	32	2	1	4	Cu	23.6	16.8	74	01	7	00	0	1	3	Cu	24.6	—	9.9	19	—	9	—	87	0	71	42	135
	DAMANHÛR											01	4	04	1	1	2	Ci	25.8	+7.2	8.8	21	+1	8	+1	99	0	13	51	136
	MANṢÛRA											01	7	32	1	1	3	Sc	24.7	—	12.5	21	+1	11	+4	82	0	24	22	137
	ṬANTA	02	6	04	2	1	5	Cu	23.8	22.2	49	00	7	00	0	0	0	—	25.6	+6.1	11.0	22	+2	7	0	94	0	15	18	138
	ZAGÂZIG	02	7	04	3	1	4	Cc	24.2	19.8	64	00	7	28	1	0	0	—	25.4	—	11.4	21	+1	8	+2	95	0	11	13	139
MIDDLE EGYPT	CAIRO ALMÂZA	02	8	02	5	2	5	Cu	23.2	18.9	51	05	6	00	0	1	3	Ac	24.6	—	11.0	19	—	9	—	87	0	2	—	141
	CAIRO EZBEKIYA	02	8	04	4	1	4	Cs	23.0	20.0	48	05	5	00	0	0	2	Sc	25.0	+5.8	10.5	22	+3	8	+1	92	0	4	12	—
	CAIRO GÎZA	03	8	04	3	2	6	Cu	23.1	19.9	52	05	5	02	1	1	3	Cu	24.8	+4.9	9.2	21	+2	7	+1	93	0	3	13	—
	HELWÂN	03	9	02	4	2	6	Cc	22.6	19.0	38	09	7	04	4	0	1	Ac	24.7	+5.1	11.8	20	+2	11	+3	90	0	9	12	143
	SUEZ	02	8	04	3	1	5	Sc	23.0	19.0	49	01	7	28	3	1	3	Ac	23.8	+5.3	12.3	20	0	10	0	77	0	14	10	144
UPPER EGYPT	FAIYÛM	01	6	04	2	1	4	Cu	22.4	19.9	37	00	7	32	2	0	0	—	24.2	+4.7	11.8	21	+1	8	+2	78	0	dr.	4	153
	MINYA	02	7	02	3	2	5	As	21.4	18.8	41	00	6	02	3	0	0	—	22.4	+2.2	12.0	20	0	6	0	89	0	2	—	154
	ASYÛṬ	02	8	26	2	1	5	As	20.6	20.0	40	00	6	22	3	0	0	—	22.3	+2.0	8.2	22	+2	6	0	87	0	2	3	155
	QENA	02	8	24	1	2	5	Cu	17.0	17.8	51	01	7	26	1	1	4	Ac	21.1	+1.9	10.9	22	0	8	+1	75	0	dr.	—	156
	LUXOR	02	7	02	3	2	5	Cu	18.7	22.7	44	02	7	22	2	2	5	Cb	20.6	—	11.2	24	—	7	—	75	0	dr.	—	157
	ASWÂN	01	7	32	4	1	3	Ci	15.8	24.0	33	01	7	02	1	1	3	Ci	19.1	-0.1	12.4	25	+1	10	+1	54	0	1		158
WESTERN DESERT	SÎWA	03	6	06	1	2	8	Cu	—	19.3	55	00	7	00	0	0	0	—	—	—	9.4	20	+1	5	+1	86	0	dr.	5	148
	BAHARÎYA	02	9	32	1	1	4	—	22.8	19.0	50	00	9	00	0	0	0	—	25.9	—	11.2	19	—	9	—	85	0	0	—	149
	KHÂRGA	01	8	32	2	1	3	Cc	20.0	20.6	45	00	8	32	2	0	0	—	21.4	+1.8	14.2	21	-2	11	+5	63	0	dr.	tr.	151
	DÂKHLA	02	7	02	2	2	5	Cc	21.4	19.9	39	01	6	00	0	1	3	Ci	22.8	+2.5	11.8	20	-2	9	+4	78	0	dr.	—	152
RED SEA	TÔR	01	6	28	3	0	4	Cc	19.6	19.8	61	00	6	32	2	0	1	Cc	20.3	+2.1	13.2	21	0	9	0	62	0	19	9	145
	HURGHÂDA											01	9	30	4	1	3	Cu	20.7	+2.2	16.4	21	-1	12	+2	57	0	1	—	146
	QUṢEIR	02	6	32	3	1	4	Ac	19.6	21.3	71	01	5	28	3	1	4	Ac	19.2	+1.2	17.3	22	-1	15	+1	58	0	tr.	6	147
	PORT SUDAN	03	—	02	5	0	7	—	12	27	50	03	—	30	3	2	7	—	15.6	0.0	23.4	28	+1	21	+1	66	0	66	95	[illegible]
NORTH SUDAN	WÂDI HALFA	00	8	30	2	0	0	—	16.5	27	25	00	8	02	2	0	1	Ac	18.6	-0.6	12.3	—	—	10	+2	54	—	—	—	165
	KAREIMA	00	7	28	3	0	0	—	14.5	28	26	00	8	26	3	0	0	—	18.1	+1.3	13.8	—	—	11	-1	47	0	0	1	166
	'AṬBARA	01	—	30	3	0	4	—	16	28	20	00	—	32	2	0	0	—	15.6	+0.7	18.4	27	-3	15	+1	53	0	6	1	167
	KHARTÛM	00	8	32	4	0	0	—	11.2	30	24	00	8	32	2	0	0	—	16.1	+1.9	16.2	31	-1	13	-2	41	0	dr.	5	168
	KASSALA	00	8	04	2	0	0	—	07.2	32	33	00	8	06	3	0	0	—	12.6	-0.1	17.8	33	-1	15	-1	71	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	02	4	0	4	—	10.0	29	20	00	—	30	4	0	0	—	14.6	+1.2	17.9	30	-4	10	-5	32	0	2	13	171
	DUEIM											00	—	—	3	0	0	—	15.1	+1.6	17.6	29	-4	15	+1	41	0	14	12	173
	RENK	00	7	28	3	0	0	—	8.3	31	31									—			—		—					182
	ROṢEIRES	01	—	28	1	0	4	—	5.0	35	20	00	—	32	1	0	0	—	11.0	-0.9	21.1	—	—	15	-1	36	0	27	37	172
	EL OBEID	00	8	32	3	0	0	—	11.1	27	22	00	8	30	3	0	0	—	17.1	+1.2	13.3	27	-3	10	-1	55	0	8	19	174
	EL FÂSHER	01	—	04	2	0	4	—	—	—	10	00	—	02	2	0	0	—	—	—	10.9	29	-1	6	-4	35	0	0	8	175
	GENEINA	00	7	02	3	0	0	—	—	28	12	00	8	06	3	0	0	—	—	—	11.2	31	—	9	—	41	0	dr.	—	179
	KADUGLI	00	7	04	5	0	0	—	8.4	30	34																			187
S. SUDAN	MALAKÂL	00	8	02	4	0	0	—	7.2	32	21	00	8	02	6	0	0	—	13.0	+1.5	20.9	34	-1	17	-1	27	0	83	93	176
	WÂU	01	—	04	2	0	4	—	8.	32	10	00	—	32	4	0	0	—	11.5	+0.3	21.0	34	-2	17	0	27	0	103	146	177
	JÛBA	00	7	04	3	0	0	—	5.6	34	22	00	8	12	1	0	2	Ac	11.8	+1.2	24.8	35	-3	19	-1	47	0	231	141	178

UPPER WINDS — الرياح العليا يوم ١٥

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

SALUM 7h. m.	MATRÛH 7h. m.	DIKHEILA h. m.	CAIRO 8h. 30m.	HELWÂN 8h. 30m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 4h. m.	KAREIMA 4h. m.	KHARTÛM 6h. m.	KASSALA 6h. m.	EL OBEID 6h. m.	MALAKÂL 6h. m.	JÛBA 6h. m.	Sulum 14th 13h. m.
02.31.20	02.36.20		02.04.30	02.05.45	05.04.30	02.36.10	03.02.25	06.05.40	06.35.30	06.05.15	07.01.35	06.02.60	06.21.20	02.27.10
05.36.25	05.35.15		05.05.40	05.05.50	10.06.15	05.03.25	06.04.50	10.06.25	10.36.40	10.04.15	10.01.35	10.02.65	10.22.20	05.29.10
10.01.20	10.33.20		10.05.30	08.05.35	15.01.30	10.06.20	10.05.25	15.04.40	15.05.25	15.03.20	15.05.05	15.03.40	15.21.15	10.00.00
15.31.35	15.31.30		15.03.35	10.05.40	20.01.15	15.18.15	15.06.15	20.04.40	20.25.40	20.03.30	20.24.05	20.03.25	20.33.05	15.02.05
20.31.30				15.04.50		20.06.10	20.01.20	21.03.25	30.22.30			30.03.15	30.07.30	
25.29.25							30.29.20		40.21.30			40.13.20	40.05.25	
							40.27.40		50.23.10					
							50.27.50							

Forecast for 24 hours from noon on 15th

On the coast moderate northwest or north winds; inland moderate northeast winds, fresh at times.
Occasional low cloud.
Remaining mild.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٥
على السواحل رياح معتدلة شمالية غربية او شمالية
وفي الداخل رياح شمالية شرقية معتدلة ولكنها تشتد
نوعا أحيانا
يظهر بعض السحاب المنخفض أحيانا
تستمر درجة الحرارة معتدلة

STATION	Mean of day: Humidity % on 14th	Humidity Diff. from normal	Wet Bulb Temp °C on 14th	Wet Bulb Diff. from normal
Alexandria	71	+5	13.7	+3.0
Ezbekiya	70	+1	12.1	+1.9
Gîza	73	0	11.9	+1.7
Helwân	68	+10	11.6	+2.7

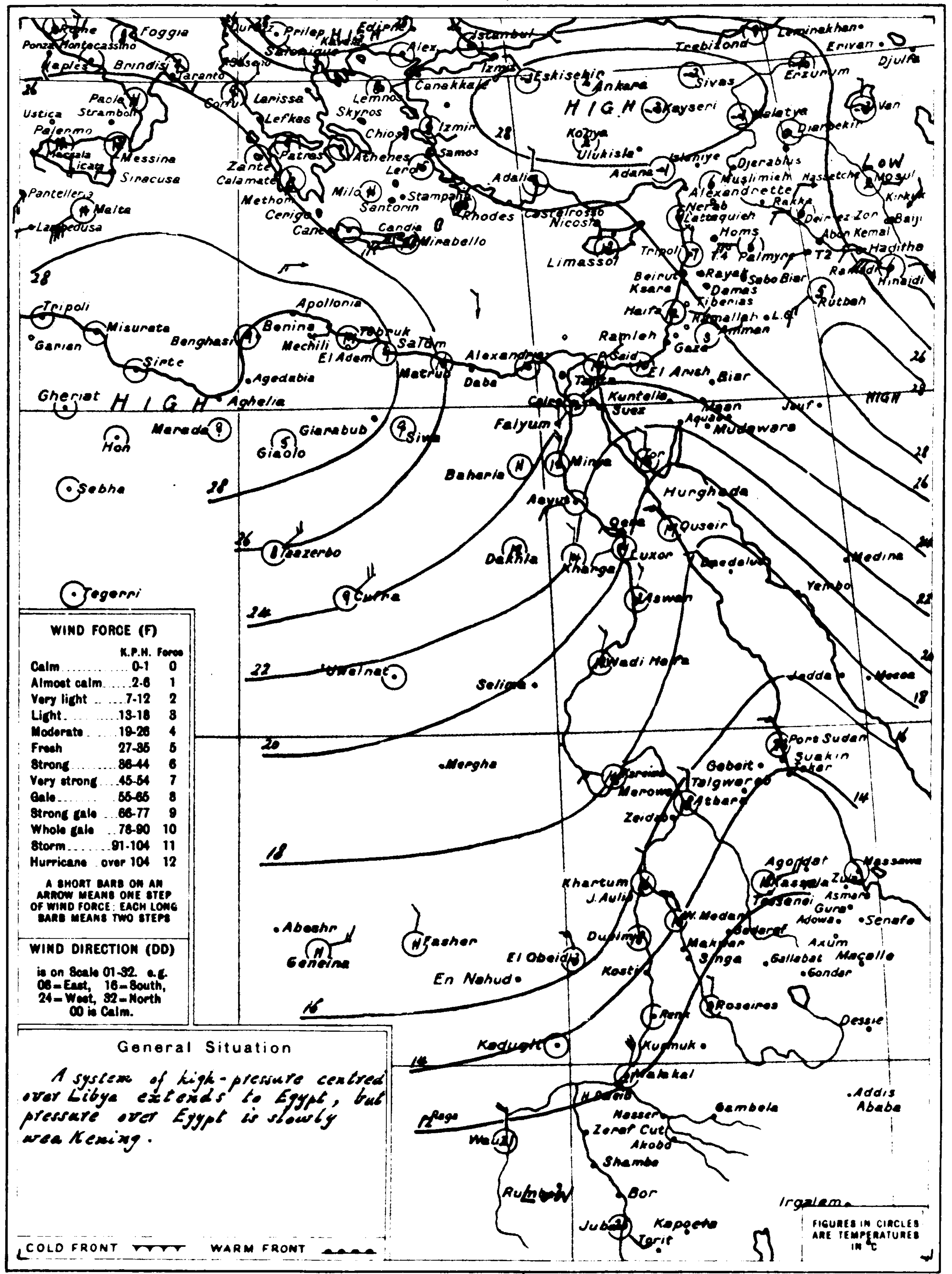
Gîza Grass minimum on 15th 5.3 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
15-1	1330	1247
14-1	1331	1253

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15-1	13.50	+0.10	13.50	+0.10
Nasser	14-1	9.42	+2.88	9.52	+2.93
Malakâl	15-1	12.60	+1.32	12.60	+1.30
Roseires	15-1	12.83	+0.69	12.87	+0.71
Sennâr Res	14-1	20.71	—	20.70	—
J. Aulia U.S	14-1	374.96	—	374.90	—
J. Aulia D.S	14-1	372.17	+0.21	372.19	+0.21
Khartum	14-1	11.30	+0.22	11.27	+0.16
Kh. el Girba					
'Atbara	14-1	10.92	+0.24	10.94	+0.25
Kajnarti	14-1	134.23	+0.34	134.23	+0.32
Aswân Res.	15-1	120.68	—	120.65	—
Aswân D.S.	15-1	86.63	+0.44	86.63	+0.44
Roda (Cairo)	15-1	14.75	-0.02	[illegible]	[illegible]

Isobars, Wind and Temperature at 8 h. 15-1-39 — ٣٩-١-١٥



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A system of high-pressure centred over Libya extends to Egypt, but pressure over Egypt is slowly weakening.

COLD FRONT — WARM FRONT

At 8 h. on 15-1-39 — الساعة ٨ يوم ١٥-١-٣٩

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. M.S.L. 1000+ mbs. (PPP)	Bar. Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.
Limassol	02	6	30	1	2	5	—	24.6	+6.8	12	—	—	—	—	—	0	—	248
Haifa	00	—	10	1	—	0	—	25.2	+9.0	12.4	20	+2	10	+2	69	0	336	403

SHIPS سفن: 13320 30706 00001 25961 38394 62813 75310

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

...AL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 51 m
" " Sunset 17 h 18 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1939 ١٩٣٩ شهر يناير

At 14 h. on 15th — الساعة ١٤ يوم ١٥

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)
MEDITERRANEAN										
[illegible]	01	8	28	5	1	3	Cu	26.6	15.1	63
[illegible]TRUH	01	7	28	4	1	3	As	24.0	17.3	77
DIKHEILA	01	8	30	3	1	3	Cu	23.6	17.5	75
ALEXANDRIA	01	9	02	3	5	3	Cu	23.6	18.4	54
DAMIETTA										
PORT SAÏD	01	7	02	3	1	3	Ac	22.3	21.0	57
EL 'ARÎSH	02	7	02	3	1	5	Cu	21.6	17.2	63
[illegible]YPT										
DAMANHÛR										
[illegible]ŞÛRA										
[illegible]TA	02	7	02	2	1	5	Cu	22.4	20.0	47
[illegible]ÂZIG	02	7	02	1	1	4	Cu	22.0	20.6	58
MIDDLE EGYPT										
CAIRO ALMÂZA	01	8	30	5	1	4	Cu	21.8	19.7	49
CAIRO EZBEKIYA	01	8	04	1	1	3	Cu	21.6	20.2	49
CAIRO GÎZA	02	8	32	2	1	4	Cu	21.5	21.0	51
HELWÂN	01	8	32	2	0	3	Cu	21.1	19.0	39
SUEZ	00	9	02	4	1	0	—	20.4	19.3	47
UPPER EGYPT										
FAIYÛM	00	8	32	4	0	0	—	21.4	20.5	45
MINYA	00	7	32	4	0	0	—	20.2	20.7	50
ASYÛT	00	8	30	3	0	0	—	19.1	21.0	34
QENA	00	8	22	2	0	0	—	17.5	22.6	48
LUXOR	00	7	10	3	0	1	—	16.7	25.2	40
ASWÂN	00	7	00	0	0	0	—	14.6	24.2	36
WESTERN DESERT										
SÎWA	00	7	26	1	0	0	—	—	20.1	53
BAHARÎYA	00	9	08	1	0	0	—	21.6	21.0	34
KHÂRGA	00	8	04	3	0	0	—	18.2	21.0	47
DÂKHLA	05	7	02	3	0	0	—	19.6	19.8	49
RED SEA										
TÔR	00	6	28	5	0	0	—	17.2	17.0	65
HURGHÂDA										
QUŞEIR	01	7	32	2	0	1	Ci	17.2	21.5	65
PORT SUDAN	02	—	04	2	2	5	—	12	27	60
NORTH SUDAN										
WÂDI HALFA	01	8	32	3	0	2	—	16.1	24	26
KAREIMA	00	7	28	1	0	0	—	12.5	27	32
'AṬBARA	00	—	32	2	0	0	—	10	29	20
KHARTÛM	00	9	30	2	0	0	—	10.1	32	27
KASSALA	00	7	02	2	0	0	—	6.2	32	33
CENTRAL SUDAN										
WAD MEDANI	01	—	03	4	0	4	—	9	30	10
DUEIM										
RENK	00	7	18	3	0	0	—	8.6	28	34
ROSEIRES	01	—	30	2	0	4	—	5	33	10
EL OBEID	00	8	30	2	0	0	—	10.9	26	20
EL FÂSHER	01	—	06	2	0	4	—	—	28	10
GENEINA	00	9	04	2	0	0	—	—	24	14
KADUGLI	03	6	30	2	—	—	—	10.4	32	45
S. SUDAN										
MALAKÂL	00	8	04	2	0	0	—	5.2	34	22
WÂU	01	—	20	3	3	4	—	9	34	40
JÛBA	00	8	04	2	0	0	—	6.2	30	20

At 8 h. on MONDAY 16th — الساعة ٨ يوم الاثنين ١٦

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
[illegible]	03	6	00	0	2	8	Cu	27.9	+9.2	12.2	16	—	9	—	68	0	43	—	130
[illegible]TRUH	03	6	30	3	2	7	Ns	25.6	+6.9	16.4	17	-1	15	+7	73	0	66	95	131
DIKHEILA	01	8	32	5	1	4	Cu	24.7	—	16.4	18	—	13	—	61	0	59	—	150
ALEXANDRIA	02	9	32	4	2	5	Ac	24.4	+5.4	15.8	22	+3	15	+5	58	tr	130	121	132
DAMIETTA	02	7	30	1	1	5	Ac	24.8	—	15.5	19	—	12	—	81	0	41	56	159
PORT SAÏD	02	8	02	3	1	4	Ac	22.8	+5.4	16.3	23	+4	14	+4	75	0	26	41	134
EL 'ARÎSH	01	7	00	0	1	3	Cu	23.1	—	14.4	18	—	9	—	75	0	71	42	135
DAMANHÛR	01	5	30	1	1	2	Cu	24.3	+5.7	13.0	20	0	9	+2	77	0	13	52	136
[illegible]ŞÛRA	01	7	32	1	1	4	Sc	23.5	—	12.8	21	+1	11	+4	82	0	24	23	137
[illegible]TA	01	7	00	0	1	4	Cb	24.3	+4.8	11.5	21	+1	7	0	94	0	15	18	138
[illegible]ÂZIG	02	7	28	1	1	4	Cu	24.3	—	7.4	21	+1	5	-1	96	0	11	13	139
CAIRO ALMÂZA	05	6	08	1	1	3	Sc	23.9	—	9.6	20	—	7	—	87	0	2	—	141
CAIRO EZBEKIYA	04	4	00	0	4	9	=	24.0	+4.8	10.4	21	+2	9	+2	93	0	4	12	—
CAIRO GÎZA	08	3	30	1	4	3	St	24.2	+4.3	8.1	21	+2	7	+1	99	0	3	13	—
HELWÂN	09	5	00	0	0	2	Sc	23.4	+3.8	10.0	20	+2	9	+1	95	0	9	12	143
SUEZ	01	6	02	2	1	2	As	23.1	+4.6	10.0	20	+1	8	-2	95	0	14	10	144
FAIYÛM	00	8	30	2	0	0	—	23.4	+4.0	10.5	21	+1	7	+1	80	0	tr	4	153
MINYA	00	5	32	3	0	0	—	23.0	+2.9	10.5	21	+1	8	+2	91	0	2	—	154
ASYÛT	08	4	20	3	4	0	—	22.6	+2.3	8.8	24	+4	6	0	89	0	2	3	155
QENA	00	8	26	2	0	0	—	20.4	+1.2	9.2	25	+3	7	0	87	0	tr	—	156
LUXOR	00	7	08	2	0	0	—	19.9	—	8.2	26	—	4	—	77	0	tr	—	157
ASWÂN	00	7	32	1	0	0	—	18.3	-0.8	12.3	25	+1	11	+2	51	0	1	—	158
SÎWA	00	7	26	2	0	0	—	—	—	10.4	21	+2	7	+3	71	0	tr	5	148
BAHARÎYA	00	9	00	0	0	0	—	24.4	—	10.0	21	—	7	—	76	0	0		149
KHÂRGA	00	8	32	4	0	0	—	22.2	+2.6	13.7	22	-1	10	+4	72	0	tr	6	151
DÂKHLA	01	5	00	0	1	3	Cc	23.4	+3.1	13.2	21	-1	9	+4	77	0	tr	—	152
TÔR	00	6	32	2	0	0	—	18.8	+0.7	12.0	23	+2	7	-2	65	0	19	9	145
HURGHÂDA	01	9	30	3	0	3	St	18.8	+0.4	14.9	22	0	10	0	69	0	1	—	146
QUŞEIR	00	7	30	3	0	0	—	18.7	+0.7	17.9	22	-1	15	+1	49	0	tr	6	147
PORT SUDAN	03	—	30	3	2	7	—	14.6	-1.0	23.4	27	0	21	+1	64	0	66	96	169
WÂDI HALFA	00	8	02	3	0	0	—	19.2	0.0	11.0	25	+1	10	+2	52	—	—	—	165
KAREIMA	00	8	28	2	0	0	—	16.8	0.0	17.0	27	-2	14	+2	34	0	0	1	166
'AṬBARA	00	—	30	3	0	0	—	14.8	-0.1	19.0	29	-1	15	+1	46	0	6	1	167
KHARTÛM	00	8	04	3	0	0	—	14.4	+0.2	18.5	31	-1	15	0	46	0	tr	5	168
KASSALA	00	8	04	2	0	0	—	11.4	-1.3	19.1	35	+1	16	0	72	0	tr	11	170
WAD MEDANI	00	—	30	3	0	0	—	14.3	+0.9	17.6	31	-3	11	-4	45	0	2	13	171
DUEIM	00	—	—	3	0	0	—	14.6	+1.1	19.2	30	-3	14	0	48	0	14	12	173
RENK									—			—		—					182
ROSEIRES	00	—	32	1	0	0	—	10.8	-1.1	20.4	35	-1	14	-2	44	0	27	37	172
EL OBEID	00	8	30	1	0	0	—	16.4	+0.5	13.7	27	-3	11	0	47	0	8	19	174
EL FÂSHER	00	—	06	2	0	0	—	—	—	9.9	30	0	5	-5	34	0	0	8	175
GENEINA	00	8	06	4	0	0	—	—	—	12.1	32?	—	10	—	33	0	tr	—	179
KADUGLI																			187
MALAKÂL	00	8	04	5	0	3	Ac	13.4	+1.9	20.2	34	-1	15	-3	31	0	83	93	176
WÂU	00	—	32	2	0	0	—	12.8	+1.7	19.8	34	-2	16	-1	33	0	103	146	177
JÛBA	00	8	00	0	0	3	Ac	12.3	+1.7	24.0	35	-3	19	-1	53	0	231	142	178

UPPER WINDS الرياح العليا

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 15th
7 h.	7 h.	8 h.	8 h. 30 m.	8 h. 30 m.	h. m.	7 h.	4 h.	5 h.	6 h.	6 h.	3 h.	3 h.	6 h.	13 h.
02.30.15	02.36.25	02.35.30	02.02.30	02.33.15		02.01.15	03.02.30	06.03.40	06.36.40	06.05.25	07.01.35	06.01.60	06.29.15	02.33.25
05.34.30	05.35.25	05.36.15	05.03.25	05.03.35		05.02.25	06.03.40	10.02.35	10.36.30	10.04.25	10.04.45	10.36.40	10.30.25	05.36.25
10.36.25	10.35.20	10.36.30	10.02.35	08.02.40		10.01.30	10.02.40	15.01.35	15.16.5	15.02.5	15.02.30	15.01.15	15.31.20	10.31.20
15.36.25	13.34.10		15.03.40	10.02.45		15.33.20	15.08.15	20.03.20	20.18.25	20.30.20	20.35.20	20.02.20	20.32.10	15.31.40
Ent Cu	Ent Ns		tail	15.03.35			17.05.15		30.22.35	30.25.35	25.33.10	30.33.5	30.07.5	20.30.35
				20.35.45					36.18.30			37.11.15	40.04.5	25.30.30
				23.36.25									50.35.15	30.28.20
														35.28.15

Forecast for 24 hours from noon on 16th
On the coast moderate to fresh northwest to north winds.
Inland fresh winds between north and northeast. Much low cloud at times. Scattered showers probable.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٦
على السواحل رياح بين المعتدلة والشديدة وبين شمالية غربية وشمالية. وفي الداخل رياح نشيطة بين شمالية وشمالية شرقية. يكثر السحاب المنخفض أحياناً. يحتمل تساقط أمطار خفيفة متفرقة
درجة الحرارة حول المعدل

STATION	Mean of day Humidity % on 15th	Diff. from normal	Wet Bulb Temp °C on 15th	Diff. from normal
Alexandria	68	+2	13.0	+2.3
Ezbekiya	75	+6	12.5	+2.3
Giza	75	+2	12.3	+2.1
Helwân	74	+16	11.5	+2.6

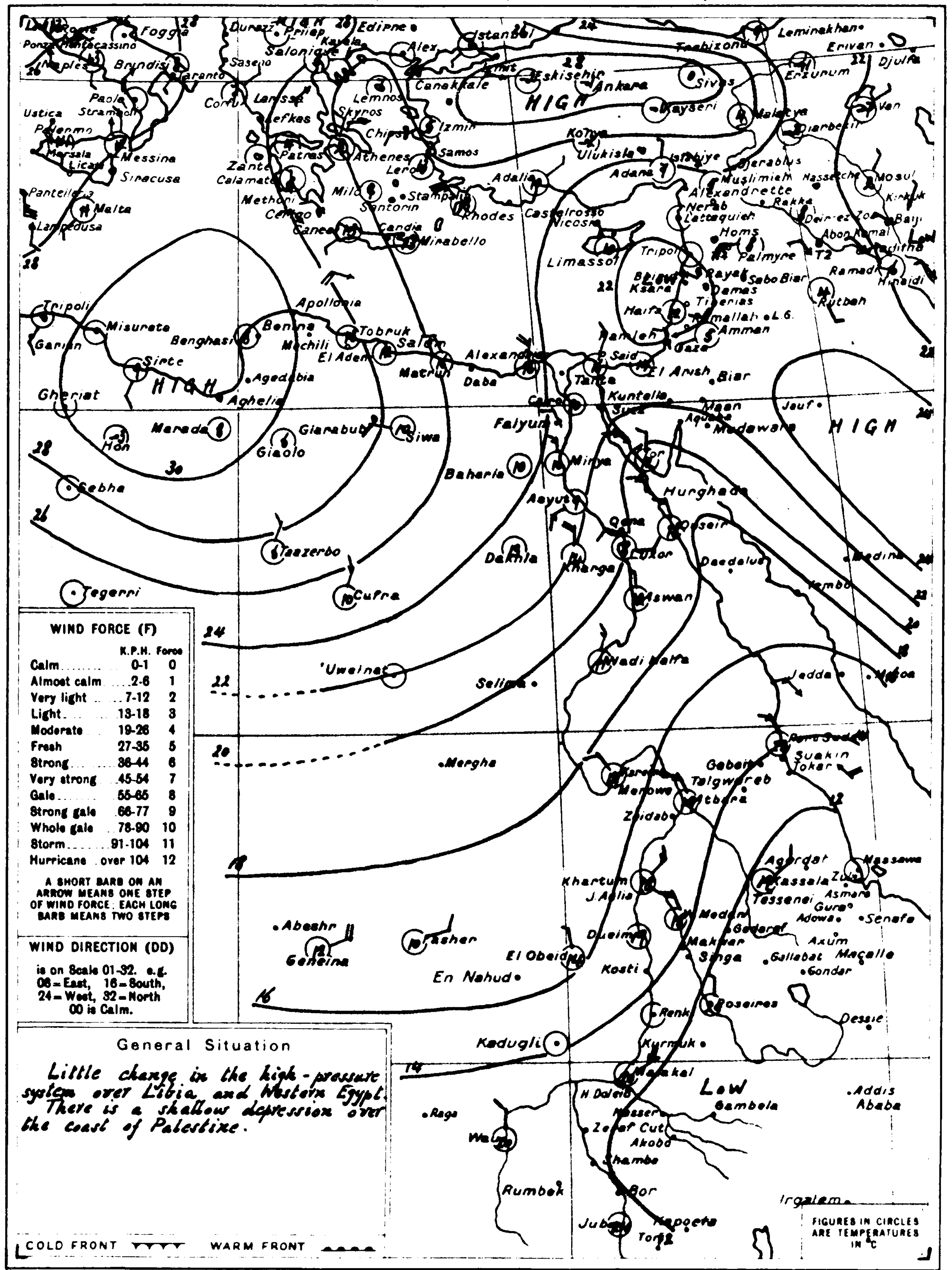
Gîza Grass minimum on 16th 4.1 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
16-1	1330	1247
15-1	1330	1247

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16-1	13.49	+0.10	13.50	+0.10
Nasser	15-1	9.32	+2.83	9.42	+2.88
Malakâl	16-1	12.59	+1.35	12.60	+1.32
Roseires	16-1	12.81	+0.69	12.83	+0.69
Sennâr Res.	15-1	20.70	—	20.71	—
J. Aulia U.S.	16-1	375.04	—	375.00	—
J. Aulia D.S.	16-1	372.17	+0.25	372.16	+0.22
Khartûm	15-1	11.28	+0.24	11.30	+0.22
Kh. el Girba					
Atbara	15-1	10.90	+0.23	10.92	+0.2[illegible]
Kajnarti	15-1	134.23	+0.35	134.23	+0.3[illegible]
Aswân Res.	16-1	120.70	—	120.68	—
Aswân D.S.	16-1	86.62	+0.43	86.63	[illegible]
Rôda (Cairo)	16-1	14.75	[illegible]	14.75	[illegible]

Isobars, Wind and Temperature at 8 h. 16-1-39 ٣٩-١-١٦



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

Little change in the high-pressure system over Libia and Western Egypt. There is a shallow depression over the coast of Palestine.

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

At 8 h. on 16-1-39 — الساعة ٨ يوم ٣٩-١-١٦

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	01	7	30	1	1	1	—	22.3	+4.5	10	—	—	—	—	—	0	—	281
Haifa	00	—	10	1	0	0	—	22.4	+6.2	12.4	20	+2	8	0	65	0	336	410
Gaza	01	8	30	2	0	3	—	22.0	+5.2	9	—	—	7	-1	75	0	289	220
Gaza 15th	00	9	12	1	0	0	—	24.3	+7.5	10	—	—	8	0	75	0	289	217

SHIPS سفن: 23338 23806 26403 27961 36227 51727 75305

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise 06 57 h m
Sunset 17 19

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1939 — شهر يناير ١٩٣٩

TUESDAY 17th — الثلاثاء ١٧ — 17-1-1939

STATION	At 4 h. Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Barometer Reduced to 0° (1000+ mbs)	Diff. from normal mbs	Temperature Dry Bulb C	Max. Yesterday C	Diff. from normal C	Min. Today C	Diff. from normal C	Rainfall Last 24 hrs. mm	Rainfall Since 1st Oct. mm
[illegible]	03	7	28	4	2	8	Cu	27.4	15.9	6	13	6	28	3	72	0	43	—
[illegible]	03	6	30	3	2	8	NS	24.0	17.0	80	03	6	30	4	78	0	66	96
[illegible]	01	8	32	4	1	4	Cu	23.9	17.1	66	03	7	30	3	54	0	59	—
[illegible]	02	9	32	5	2	4	Cu	23.8	17.8	57	03	8	28	2	54	0	130	123
DAMIETTA											02	8	30	1	69	0	41	57
[illegible] SAID	02	7	02	3	1	5	Ac	21.5	17.6	69	01	7	28	3	72	0	26	42
	01	7	30	1	1	3	Cu	21.6	18.2	69	02	7	22	1	90	0	71	43
[illegible]											03	4	26	1	78	0	13	52
											02	4	28	1	71	0	24	23
[illegible]	02	7	32	2	1	5	Cu	22.4	19.0	54	03	6	00	0	83	0	15	19
[illegible]	02	8	30	1	1	4	Cc	22.3	18.4	62	03	7	26	1	83	0	11	13
[illegible]	02	8	32	4	2	4	Cu	22.0	18.4	61	02	7	08	1	69	0	2	
[illegible]	02	8	04	2	1	4	Cu	22.2	19.3	56	03	5	00	0	81	0	4	12
[illegible]	02	8	30	2	1	4	Cu	22.0	19.6	52	08	5	00	0	96	0	3	13
[illegible]	02	7	32	5	1	5	Cu	21.5	18.0	51	08	4	00	0	66	0	9	13
[illegible]	01	8	32	3	1	4	Cu	21.0	18.6	52	00	7	30	1	84	0	14	10
	00	8	02	4	0	0	—	21.9	19.0	48	02	7	00	0	79	0	dr.	5
[illegible]	01	6	32	4	1	2	Cu	20.7	18.5	58	00	6	30	2	87	0	2	
[illegible]	01	8	30	4	0	0	—	19.8	20.0	40	09	5	22	4	90	0	2	3
[illegible]	00	8	24	1	0	0	—	17.4	22.0	43	02	7	26	1	87	0	dr.	—
[illegible]	00	7	26	2	0	0	—	17.1	23.3	37	08	7	10	2	86	0	dr.	
[illegible]	00	7	32	3	0	0	—	15.4	22.8	23	00	7	32	1	56	0	1	—
[illegible]	00	7	00	0	0	0	—	24.2	19.3	52	03	7	26	1	73	0	dr.	6
BAHARIYA	00	9	32	1	0	0	—	22.6	19.0	38	02	9	00	0	74	0	0	
KHARGA	00	8	32	3	0	0	—	19.1	20.7	42	00	8	32	4	75	0	dr.	tr.
DAKHLA	00	6	30	4	0	0	—	21.1	19.0	52	01	6	28	1	87	0	dr.	—
[illegible]	00	6	28	7	0	0	—	16.4	20.0	81	00	6	32	2	67	0	19	9
[illegible]											01	9	28	4	82	0	1	—
QUSEIR	00	7	32	3	0	0	—	18.3	21.0	57	01	7	30	3	57	0	tr.	6
PORT SUDAN	03	—	04	5	2	7	—	12	27	65	00	—	28	3	62	0	66	96
WADI HALFA	01	8	32	2	0	2	—	16.8	24	20	00	8	32	3	74	—	—	
KAREIMA	00	8	30	3	0	0	—	18.2	27	31	00	8	28	3	21	0	0	1
ATBARA	01	—	30	2	0	4	—	11	30	25	00	—	32	2	43	0	6	1
KHARTOUM	00	9	32	3	0	0	—	10.3	31	27	02	8	02	3	46	0	dr.	5
KASSALA	00	7	02	1	0	0	—	5.9	33	30	01	8	06	2	74	0	dr.	11
WAD MEDANI	01	—	02	3	0	4	—	9	31	25	00	—	30	3	39	0	2	13
DUEIM	01	—	02	3	0	4	—	10	30	25	00	—	—	3	44	0	14	12
RENK	00	7	28	3	0	0	—	8.0	31	32								
ROSEIRES	01	—	30	1	0	4	—	5	34	25	00	—	26	1	50	0	27	37
EL OBEID	00	9	04	3	0	0	—	10.3	27	31	00	8	32	3	50	0	8	19
EL FASHER	02	—	04	2	0	5	—	—	27	10	00	—	06	2	38	0	0	8
GENEINA	01	9	08	4	0	3	—	—	29	25	00	8	08	5	43	0	dr.	—
KADUGLI	01	7	28	4	0	2	—	8.0	32	22								
MALAKAL	00	8	04	3	—	—	—	4.4	34	22	00	8	04	5	13.4	+1.9	21.6	33	-2	17	-1	36	0	83	93
WAU	01	—	32	1	0	4	—	6	33	10	00	—	04	1	12.8	+1.7	19.7	33	-3	15	-2	42	0	103	147
JUBA	01	7	02	3	0	3	Cu	5.8	34	28	00	8	08	1	12.3	+1.7	24.0	35	-3	18	-2	39	0	231	142

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

	7	7	8	8	30	8	30	7	7	4	7	6	6	6	7	6	Salum 14h
[illegible]	02.31.15	02.34.25	03.33.15	02.01.25		02.36.10	05.01	45	02.01.15	03.01.35	06.03	45 06.01.20	06.07.15	07.04.15	06.02.50	06.24.10	02.32.20
[illegible]	03.40	05.34.30	06.33.15	05.01.25		05.36.35	10.02	40	05.36.35	06.04.40	10.04.50	10.02.40	10.03.20	10.05.25	10.02.55	10.20.05	05.34.25
[illegible]	05.30	10.33.25	09.33.20	10.01.35		08.01.30	15.36.20		10.01.20	10.03.40	15.06.40	15.02.20	15.01.15	15.36.10	15.03.20		10.33.30
[illegible]	06.35	13.33.30	11.33.20	15.36.35		10.01.25			15.01.35	15.04.55	20.36.20	20.35.15	20.37.15	20.34.05	20.36.20		14.33.20
				Emb. Sa		Emb. Cu					30.02.35	30.28.20			30.35.10		Emb. Cu
											34.36.20	40.24.20			40.12.05		

17th

Light to moderate northerly winds.
Occasional low cloud.
Temperature slightly above normal.

	16h		16h	
	54	-12	12.4	+1.7
	75	+7	12.2	+2.0
	80	+8	11.6	+1.4
	74	+17	11.3	+2.4
			17th	1.3

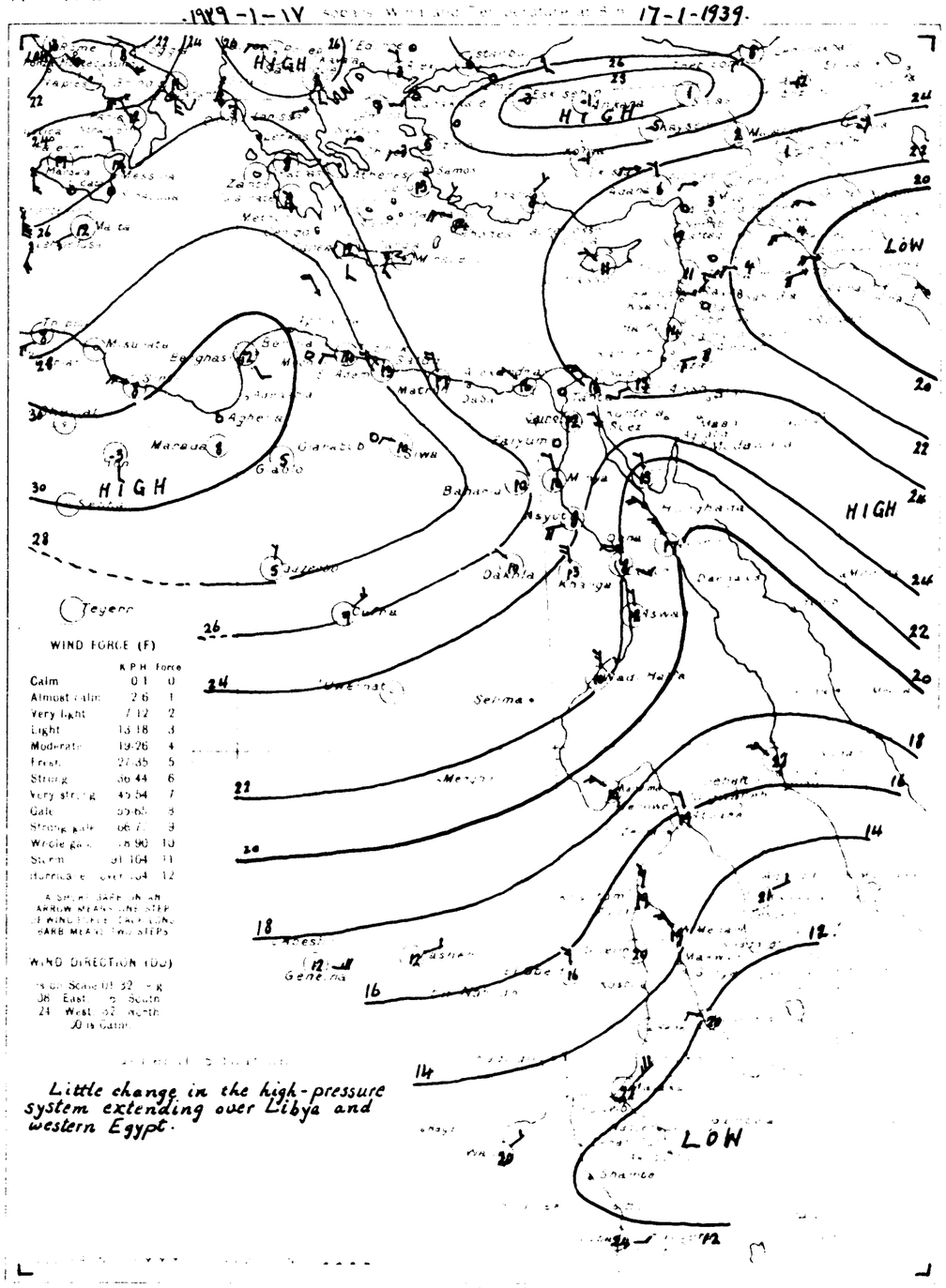
١٧

رياح شماليه بين الخفيفه والمعتدله.
يظهر بعض السحاب المنخفض احيانا.
ودرجه الحراره فوق المعدل قليلا.

17-1	13.46	+0.07	13.49	+0.10
16-1	9.22	+2.82	9.32	+2.83
17-1	12.58	+1.37	12.59	+1.35
17-1	12.79	+0.69	12.81	+0.69
16-1	20.70	—	20.70	—
16-1	375.04	—	375.00	—
16-1	372.17	+0.25	372.16	+0.22
17-1	11.28	+0.31	11.30	+0.30
16-1	10.90	+0.24	10.90	+0.23
16-1	134.22	+0.37	134.23	+0.36
17-1	120.73	—	120.70	—
17-1	86.45	+0.26	86.62	+0.43
17-1	14.75	0.00	14.75	-0.01

Limassol	00	7	28	2	0	1	—	22.8	+5.2	11	—	—	—	—	81	—	0	—	255	
Haifa	02	—	00	0	—	8	—	23.1	+6.7	13.8	18	0	11	+3	81	5	341	416		
Gaza	03	7	24	2	6	7	Cu	22.8	+6.0	11	—	—	8	0	85	2	—	222		

33342 22706 30402 25861 61797 5601X



17th — ١٧

X Atbara river gauge reading for 24-12-1938 published on 25-12-1938 should read 11.16 instead of 11.17 m.

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1939 ١٩٣٩ شهر يناير

At 14 h. on 17th (الساعة ١٤ يوم ١٧) — At 8 h. on WEDNESDAY 18th (الساعة ٨ يوم الأربعاء ١٨)

	STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm.	Min. Today °C mm	Diff. from norm.	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	13	6	30	3	2	8	Cb	26.0	15.7	69	50	6	26	3	5	8	Ns	25.6	+6.9	11.8	17	—	12	—	90	tr	43	—	130
	MATRÛH	02	7	28	4	2	5	Sc	22.7	17.4	65	03	6	20	2	2	8	Ns	23.0	+4.4	15.2	17	-1	14	+6	84	0	66	98	131
	DIKHEILA	03	8	32	2	2	6	Sc	23.5	17.6	58	03	8	12	1	2	6	Sc	23.8	—	15.3	18	—	14	—	61	0	57	—	150
	ALEXANDRIA	03	9	32	2	2	6	Ac	23.2	18.5	46	03	8	00	0	2	7	As	23.6	+4.7	15.0	20	+1	14	+4	68	0	130	124	132
	DAMIETTA											02	8	20	2	2	5	As	22.7	—	14.2	18	—	11	—	74	0	41	58	159
	PORT SAÏD	01	8	28	3	1	3	Ac	21.8	19.1	55	02	7	26	3	1	5	Ac	23.2	+5.9	14.9	21	+3	12	+2	76	0	26	42	134
	EL 'ARÎSH	01	7	30	2	1	3	Cu	21.4	17.8	66	03	7	00	0	1	6	Cu	22.7	—	12.8	20	—	9	—	81	0	71	43	135
DELTA	DAMANHÛR											03	4	02	1	2	8	As	24.0	+5.5	14.4	19	-1	13	+6	72	0	13	53	136
	MANSÛRA											01	6	32	1	1	4	Sc	23.2	—	13.1	19	-1	10	+3	66	0	24	24	137
	TANTA	03	6	28	2	2	8	Ns	23.0	18.0	57	02	6	00	0	1	5	Sc	23.6	+4.2	15.0	18	-2	7	0	68	0	15	19	138
	ZAGAZIG	02	8	30	1	1	4	Cc	22.7	19.8	48	00	8	22	1	0	0	—	24.0	—	13.8	20	0	8	+2	73	0	11	13	139
MIDDLE EGYPT	CAIRO ALMÂZA	03	8	30	3	1	6	Cb	22.7	18.3	54	01	7	10	1	2	3	Sc	23.6	—	12.2	19	—	8	—	68	0	2	—	141
	CAIRO EZBEKIYA	02	8	28	1	2	5	Cu	22.7	19.2	45	00	5	00	0	1	0	—	23.9	+4.7	10.2	20	+1	8	+1	83	0	4	12	—
	CAIRO GIZA	02	8	30	3	2	4	Cu	22.7	18.3	48	01	6	00	0	0	3	As	23.8	+3.9	9.0	19	0	3	-3	91	0	3	13	—
	HELWÂN	02	9	32	1	1	5	Sc	22.6	17.0	45	09	5	00	0	0	0	—	24.3	+4.8	8.4	18	0	8	0	89	0	9	13	143
	SUEZ	01	9	32	2	1	3	Cu	22.2	18.3	53	01	8	32	1	1	3	Sc	23.5	+5.0	11.3	20	+1	8	-2	85	0	14	10	144
UPPER EGYPT	FAIYÛM	01	8	30	3	1	3	Cu	22.6	19.5	41	09	5	00	0	0	0	—	23.8	+4.4	10.0	21	+1	5	-1	72	0	tr	5	153
	MINYA	00	8	02	3	0	0	—	21.8	18.4	50	09	4	32	2	0	0	—	23.6	+3.6	8.0	19	-1	5	-1	86	0	2	—	154
	ASYÛT	01	8	30	4	0	3	—	21.0	19.2	45	00	5	22	3	0	0	—	23.5	+3.2	8.0	21	+1	6	0	86	0	2	3	155
	QENA	02	8	22	1	1	4	Cu	18.6	19.5	51	00	8	26	1	0	0	—	22.0	+2.6	9.2	22	0	7	0	88	0	tr	—	156
	LUXOR	03	7	10	2	2	8	Cu	17.8	22.8	47	00	7	14	2	0	0	—	21.9	—	9.1	23	—	4	—	81	0	tr	—	157
	ASWÂN	01	7	02	2	1	3	Ci	17.8	22.3	29	01	7	32	1	1	3	Ci	20.8	+1.7	4.3	23	-1	8	-1	60	0	1	—	158
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	—	18.7	57	02	6	00	0	2	8	Cu	—	—	13.3	20	+1	6	+2	51	0	tr	6	148
	BAHARÎYA	00	9	32	1	0	0	—	22.8	18.0	44	00	9	00	0	0	0	—	24.0	—	10.0	18	—	5	—	62	0	0	—	149
	KHARGA	00	8	32	4	0	0	—	20.6	20.0	51	00	8	32	2	0	0	—	22.8	+3.3	12.0	20	-3	9	+3	68	0	tr	5	151
	DÂKHLA	02	7	02	3	1	5	Ci	22.0	18.0	54	01	5	24	1	1	3	Ci	23.0	+2.7	8.0	20	-2	6	+1	83	0	tr	—	152
RED SEA	TÔR	00	6	28	5	0	1	Cu	18.3	14.8	79	00	6	32	2	0	0	—	21.0	+2.9	12.5	22	+1	9	0	71	0	19	9	145
	HURGHÂDA											01	9	28	4	1	3	Cu	21.5	+3.2	16.5	21	-1	12	+2	56	0	1	—	146
	QUṢEIR	02	6	32	4	1	5	As	18.7	20.5	55	00	7	28	2	0	0	—	20.4	+2.4	17.9	21	-2	15	+1	49	0	5	6	147
	PORT SUDAN	02	—	04	5	0	5	—	8	26	65	02	—	28	2	0	5	—	17.8	+2.2	21.7	26	-1	16	-3	59	0	66	96	[illegible]
NORTH SUDAN	WÂDI HALFA	02	8	02	2	1	5	—	18.3	22	29	03	8	30	3	0	6	Cs	21.6	+2.5	9.0	23	-1	8	0	73	—	—	—	165
	KAREIMA	02	8	04	2	1	4	—	15.6	27	28	00	8	30	3	0	2	Ci	19.5	+2.7	13.0	28	-1	10	-2	35	0	0	1	166
	'AṬBARA	01	—	30	3	0	4	—	11.0	30	35	00	—	32	3	0	0	—	17.5	+2.6	17.5	30	0	12	-1	48	0	6	1	167
	KHARTÛM	01	8	32	3	1	4	—	09.5	32	24	00	8	02	4	0	2	Cs	16.2	+2.1	17.4	32	0	15	0	34	0	tr	5	168
	KASSALA	01	8	06	3	1	4	—	07.5	32	37	00	8	02	2	0	0	—	14.1	+1.4	20.4	32	-2	16	0	64	0	tr	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	30	3	0	4	—	09.0	32	25	00	—	04	5	0	0	—	14.7	+1.3	20.3	32	-2	15	0	36	0	2	13	171
	DUEIM	01	—	24	3	0	4	—	10.0	31	25	00	—	—	4	0	0	—	15.0	+1.5	19.6	32	-1	16	+2	39	0	14	12	173
	RENK	00	7	28	2	0	0	—	07.8	32	24									—		—		—						182
	ROṢEIRES	01	—	28	1	0	4	—	05.0	34	35	00	—	26	1	0	0	—	10.4	-1.5	22.0	36	0	17	+1	55	0	27	37	172
	EL OBEID	01	8	04	3	0	4	—	10.0	29	33	00	8	02	1	0	0	—	16.0	+0.1	15.3	29	-1	13	+2	49	0	8	19	174
	EL FÂSHER	01	—	08	3	0	4	—	—	28	10	00	—	06	2	0	0	—	—	—	10.9	30	0	6	-4	43	0	0	8	175
	GENEINA	01	8	06	3	0	3	Ac	—	26	15	01	8	06	3	0	3	Ac	—	—	11.7	30	—	9	—	43	0	tr	—	179
	KADUGLI	00	7	04	4	0	1	—	12.9	33	21																			187
S. SUDAN	MALAKÂL	00	8	02	5	0	0	—	2.7	33	16	00	8	02	4	0	0	—	11.9	+0.4	22.5	34	-1	19	+1	33	0	83	93	176
	WÂU	01	—	04	1	0	4	—	6	33	10	02	—	32	2	0	5	—	11.5	+0.4	21.0	34	-2	16	-1	34	0	103	147	177
	JÛBA	00	8	02	3	0	0	—	5.6	34	17	01	8	20	1	1	4	Ac	12.0	+1.5	22.4	35	-3	18	-2	50	0	231	142	178

UPPER WINDS الرياح العليا

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

SALÛM 7h.	MATRÛH 7h.	DIKHEILA 10h.	CAIRO 8h.30m.	HELWÂN 8h.30m.	ASYÛT 7h.	ASWÂN 7h.	WÂDI HALFA 4h.	KAREIMA 5h.	KHARTÛM 6h.	KASSALA 6h.	EL OBEID 5h.	MALAKÂL 7h.	JÛBA 7h.	Salum 17th 13h.
[illegible].27.10	02.27.25	02.13.10	02.36.15	02.36.5	05.01.25	02.36.15	03.02.20	06.03.30	06.01.45	06.09.15	07.02.40	06.01.50	06.29.20	02.33.20
[illegible].27.20	05.30.25	04.12.5	05.01.15	05.36.15	10.36.25	05.04.30	06.03.45	10.02.30	10.04.55	10.05.15	10.05.60	10.03.75	10.31.20	05 34.20
[illegible].33.25	10.34.10	05.00.00	10.03.10	08.01.20	15.02.20	10.05.25	10.04.35	15.03.20	15.05.15	15.03.25	15.09.25	15.05.40	15.33.25	10 32.40
[illegible] Ns	Ent NS	10.32.5	15.07.15	10.03.20	20.01.15	15.01.10	15.02.25	20.03.10	20.01.15	20.35.20	20.02.15	20.01.40	20.34.40	14 32.30
		12.30.5	20.02.10	15.05.20		20.24.15	20.03.35	21.03.5	30.30.15	30.32.20		30.03.15	30.10.20	Ent Cb
			25.01.15	20.01.15			30.03.30		40.27.20	40.25.30			40.11.10	
			30.36.15	23.01.15						50.34.25				
				25.34.5										
				30.36.25										
				40.31.45										

Forecast for 24 hours from noon on 18th

On the coast light to moderate westerly winds.
Inland light variable winds chiefly northerly.
Occasional medium cloud.
Light rain on the coast.
Temperature remaining slightly above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٨
على السواحل رياح غربية بين الخفيفة والمعتدلة
وفي الداخل رياح متقلبة الاتجاه أكثرها شمالية
سحب متوسطة أحيانا
يحتمل سقوط مطر خفيف على السواحل
ودرجة الحرارة فوق المعدل قليلا

STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp °C on 17th	Diff. from normal
Alexandria	51	-15	11.9	+1.2
Ezbekiya	69	+1	11.2	+1.0
Giza	83	+11	10.5	+0.3
Helwân	58	+1	10.1	+1.2

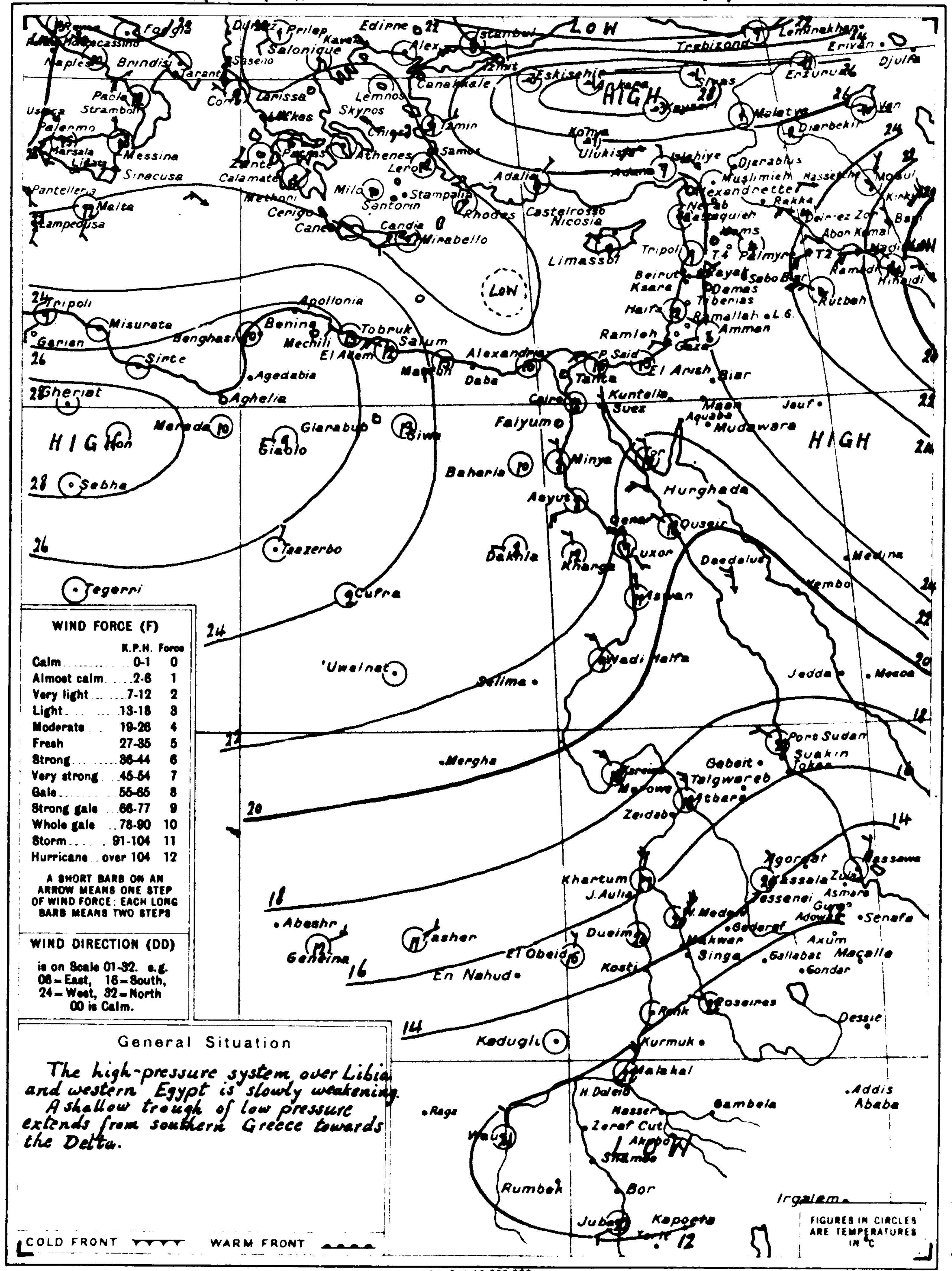
Giza Grass minimum on 18th 1.9°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
18-1	1215	1281
17-1	1216	1281

GAUGE	Date 1939	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Jûba	17.1	13.46	+0.07	13.49	+0.10
Nasser	17.1	9.08	+2.74	9.22	+2.82
Malakâl	18.1	12.56	+1.39	12.58	+1.37
Roṣeires	18.1	12.77	+0.68	12.79	+0.69
Sennâr Res	16.1	20.70	—	20.70	—
J. Aulia U.S	18.1	374.98	—	375.04	—
J. Aulia D.S	18.1	372.18	+0.29	372.17	+0.27
Khartûm	17.1	11.28	+0.31	11.30	+0.30
Kh. el Girba					
'Aṭbara	17.1	10.90	+0.25	10.90	+0.24
Kajnarti	17.1	134.20	+0.37	134.22	+0.37
Aswân Res.	18.1	120.79	—	120.73	—
Aswân D.S.	18.1	86.43	+0.24	86.45	+0.26
Rôda (Cairo)	18.1	14.79	+0.06	14.75	0.00

١٨-١-١٩٣٩ Isobars, Wind and Temperature at 8 h. 18-1-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

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

General Situation

The high-pressure system over Libia and western Egypt is slowly weakening.
A shallow trough of low pressure extends from southern Greece towards the Delta.

COLD FRONT — WARM FRONT

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

At 8 h. on 18th (الساعة ٨ يوم ١٨)

STATION	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff from norm	Min. Today °C	Diff from norm	% Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	28	1	4	1	—	22.4	+4.8	9	—	—	—	—	—	0	267	258
Haifa	01	—	10	1	—	3	—	22.8	+6.6	11.9	18	0	9	+1	80	0	341	423
Gaza	02	7	24	2	4	5	—	23.0	+6.3	12	—	—	8	0	75	—	—	225
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1939 — ١٩٣٩ شهر يناير

At 14 h. on 18th — الساعة ١٤ يوم ١٨ | At 8 h. on THURSDAY 19th — الساعة ٨ يوم الخميس ١٩

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
Mediterranean																													
[illegible]	13	7	24	4	5	8	NS	23.8	15.5	74	13	6	26	1	5	8	Cu	23.6	+4.9	12.1	16	—	11	—	91	dr	43	—	130
MATRUH	03	6	28	4	2	8	NS	21.1	17.1	87	08	5	24	2	4	9	NS	21.1	+2.5	14.2	18	0	9	+1	95	0	66	99	131
DIKHEILA	02	8	32	1	2	5	Sc	22.6	17.9	54	01	7	00	0	1	3	Cs	22.7	—	12.0	19	—	7	—	80	0	59	—	150
ALEXANDRIA	03	9	20	2	2	6	As	21.9	20.8	44	02	8	00	0	2	4	Ac	22.8	+3.9	14.8	21	+2	8	-2	68	0	130	126	132
DAMIETTA											02	7	04	1	2	5	Sc	21.5	—	15.2	18	—	11	—	88	0	41	59	159
PORT SAÏD	03	7	30	3	1	6	Ac	21.2	18.9	60	01	7	20	2	1	3	Ac	21.8	+4.5	14.0	20	+2	12	+2	81	0	26	43	134
EL 'ARISH	01	7	32	1	1	4	Cu	21.6	17.7	70	00	7	00	0	0	0	—	22.3	—	9.5	19	—	8	—	91	0	71	44	135
Lower Egypt																													
DAMANHÛR											01	5	02	1	1	3	Cu	22.8	+4.3	9.8	20	0	8	+1	92	0	13	54	136
MANSÛRA											01	7	14	1	1	4	Sc	21.9	—	13.9	19	-1	11	+4	80	0	24	24	137
TANTA	03	7	00	0	2	6	NS	21.8	19.0	54	03	6	00	0	2	8	NS	22.7	+3.3	9.0	21	+1	6	-1	84	0	15	19	138
ZAGÂZIG	02	7	02	1	1	4	Cc	21.6	18.8	54	00	7	02	1	1	0	—	22.6	—	10.8	21	+1	7	+1	95	0	11	13	139
Middle Egypt																													
Cairo: ALMÂZA	01	8	04	1	1	3	Sc	21.4	18.1	55	05	6	04	1	1	3	Sc	22.2	—	9.3	20	—	8	—	83	0	2	—	141
Cairo: EZBEKÎYA	01	8	28	1	1	2	Cu	21.4	20.2	45	08	4	00	0	4	1	Cc	22.3	+3.1	9.3	21	+2	8	+1	88	0	4	12	—
Cairo: GÎZA	01	8	32	2	1	4	Cu	21.1	19.8	50	04	5	28	3	4	3	As	22.2	+2.3	7.6	21	+2	5	-1	98	0	3	13	—
HELWÂN	01	7	04	3	0	3	Ac	20.7	18.7	38	05	5	00	0	0	3	As	20.7	+1.2	9.6	19	+1	11	+3	65	0	9	13	143
SUEZ	01	9	32	2	1	1	Cu	20.8	18.0	26	00	7	30	1	0	0	—	21.2	+2.7	10.8	19	0	8	-2	81	0	14	10	144
Upper Egypt																													
FAIYÛM	01	6	30	2	1	4	Cu	21.4	19.4	43	01	7	32	1	1	4	Cu	21.8	+2.4	11.9	21	+1	6	0	77	0	dr	5	153
MINYA	01	6	04	3	1	3	Cu	20.4	18.0	44	09	4	00	0	0	0	—	21.4	+1.5	8.5	19	-1	5	-1	89	0	2	—	154
ASYÛT	00	8	30	3	0	0	—	20.2	19.2	45	00	6	24	3	0	0	—	21.9	+1.6	8.3	21	+1	6	0	82	0	2	3	155
QENA	00	8	26	1	0	0	—	19.0	21.0	49	01	7	28	1	1	3	Cs	20.8	+1.7	10.4	23	+1	8	+1	84	0	dr	—	156
LUXOR	00	7	30	2	0	0	—	18.6	21.8	49	02	6	06	2	1	5	Cu	20.7	—	9.1	24	—	6	—	87	0	dr	—	157
ASWÂN	01	7	24	1	1	3	Cc	16.7	23.6	30	00	7	00	0	0	0	—	19.4	+0.3	12.2	24	0	9	0	63	0	1	—	158
Western Desert																													
SÎWA	03	7	26	1	2	7	Cu	—	20.8	43	03	7	00	0	2	8	Cu	—	—	13.0	21	+2	10	+6	66	0	dr	6	148
BAHARÎYA	00	9	00	0	0	0	—	20.7	19.0	46	02	9	00	0	1	4	—	22.4	—	8.3	19	—	4	—	71	0	0	—	149
KHARGA	00	8	32	1	0	0	—	19.6	20.8	45	00	8	04	1	0	0	—	21.5	+2.0	9.0	21	-2	5	-1	76	0	dr	dr	151
DÂKHLA	01	7	02	1	1	3	Ci	20.6	19.0	52	01	5	24	1	1	3	Cc	21.9	+1.6	8.7	20	-2	6	+1	76	0	dr	—	152
Red Sea																													
TÔR	00	6	28	3	0	0	—	18.6	20.2	71	01	6	32	2	0	1	Cc	20.8	+2.7	11.0	20	-1	8	-1	81	0	19	9	145
HURGHÂDA											00	9	28	3	0	0	—	20.7	+2.4	15.2	21	-1	9	-1	50	0	1	—	146
QUṢEIR	01	7	32	2	1	4	Ac	18.7	20.8	63	01	7	24	1	0	1	Ci	19.6	+1.7	17.4	21	-2	13	-1	66	0	dr	6	147
PORT SUDAN	01	—	04	5	0	4	—	15	26	55	00	—	24	2	0	0	—	17.0	+1.4	22.5	26	-1	17	-2	60	0	66	96	169
North Sudan																													
WÂDI HALFA	02	8	32	3	1	5	—	18.0	21	41	01	8	02	2	0	1	Ci	19.6	+0.5	11.6	23	-1	8	0	54	—	—	—	165
KAREIMA	01	8	30	3	0	4	—	14.1	26	11	00	8	28	3	0	0	—	16.2	-0.6	14.9	29	0	10	-2	30	0	0	1	166
'ATBARA	02	—	04	3	0	5	—	12	28	10	00	—	04	2	0	0	—	15.8	+0.9	17.2	29	-1	12	-1	46	0	6	1	167
KHARTÛM	01	8	02	2	0	1	—	9.5	31	25	01	8	32	2	0	1	Cs	15.1	+1.0	17.1	32	0	13	-2	43	0	dr	5	168
KASSALA	00	8	04	3	0	0	—	8.0	31	26	00	8	06	2	0	0	—	11.9	-0.7	19.0	31	-3	15	-1	63	0	dr	11	170
Central Sudan																													
WAD MEDANI	01	—	32	4	0	4	—	9	32	10	00	—	04	3	0	0	—	13.6	+0.2	17.7	33	-1	11	-4	49	0	2	13	171
DUEIM	01	—	02	3	0	4	—	10	30	35	00	—	—	3	0	0	—	13.3	-0.2	18.8	32	-1	16	+2	43	0	14	12	173
RENK	09	7	28	2	0	0	—	8.2	34	12									—			—		—					182
ROṢEIRES	01	—	32	2	0	4	—	5	35	35	00	—	32	1	0	0	—	9.5	-2.3	19.8	35	-1	14	-2	56	0	27	37	172
EL OBEID	00	8	02	3	0	0	—	5.3	29	34	00	8	28	2	0	0	—	15.3	-0.6	14.6	30	0	11	0	39	0	8	19	174
EL FÂSHER	01	—	06	4	0	4	—	—	30	10	00	—	04	2	0	0	—	—	—	11.9	30	0	7	-3	32	0	0	8	175
GENEINA	01	8	04	2	0	2	Ac	—	28	9	01	8	00	0	0	1	Ci	—	—	11.0	32	—	9	—	30	0	dr	—	179
KADUGLI	01	7	04	5	1	1	—	7.1	32	24																			187
S. Sudan																													
MALAKÂL	00	7	02	5	0	0	—	4.8	34	31	00	8	32	3	0	0	—	11.5	0.0	22.2	35	-1	19	+1	22	0	83	93	176
WAU	01	—	04	1	0	4	—	5	34	10	00	—	28	1	0	0	—	11.2	+0.2	20.5	35	-1	18	+1	48	0	103	147	177
JÛBA	00	8	32	3	0	0	—	4.4	35	15	00	8	30	1	0	0	—	10.8	+0.3	23.9	36	-2	19	-1	46	0	231	142	178

UPPER WINDS — الرياح العليا ١٩

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 5 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JÛBA 6 h.	Salum 18th 13 h.
02.00.00	02.28.05	02.10.10	02.07.30	02.07.15	05.35.10	02.35.15	03.02.25	06.03.40	06.04.35	06.07.10	07.02.35	06.01.55	06.01.10	02.28.15
05.00.00	05.29.10	05.10.10	05.08.30	05.08.35	10.15.15	05.05.20	06.05.35	10.02.30	10.05.45	10.10.15	10.05.40	10.03.75	10.04.05	05.34.15
[illegible].22.05	10.29.10	10.11.15		08.07.30	15.11.10	10.03.20	10.07.20	15.01.35	15.04.20	15.06.10	15.06.25	15.05.35	15.00.00	10.32.10
[illegible]5.16.15	13.30.05	15.10.10		10.05.10	20.29.05	15.06.10	15.09.15	20.03.20	20.01.05	20.01.15	20.01.20	20.03.45		Ent N3
Ent Cu	Ent N3	20.18.10		15.14.10		20.29.05	20.13.10		30.03.05		30.01.10	30.05.10		
		25.12.20					25.14.05		40.30.10					
		30.17.05												

Forecast for 24 hours from noon on 19th

On the coast, light to moderate southerly winds, veering to westerly.
Inland light to moderate winds chiefly northeast to east, veering later to south.
Much low cloud.
Light rain on the coast probable.
Remaining mild.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٩
على السواحل رياح جنوبية بين الخفيفة والمعتدلة ثم تتحول الى غربية
وفي الداخل رياح بين الخفيفة والمعتدلة أكثرها شمالية شرقية وشرقية ثم تتحول الى جنوبية
كثير من السحاب المنخفض ويحتمل تساقط مطر خفيف على السواحل
وتستمر درجة الحرارة معتدلة

Station	Mean of day: Humidity % on 18th	Diff. from normal	Wet Bulb Temp °C on 18th	Diff. from normal
Alexandria	62	-4	12.4	+1.7
Ezbekiya	73	+5	11.2	+1.0
Giza	76	+4	11.1	+1.0
Helwân	69	+12	10.0	+1.1

Giza Grass minimum on 19th: 2.9 °C

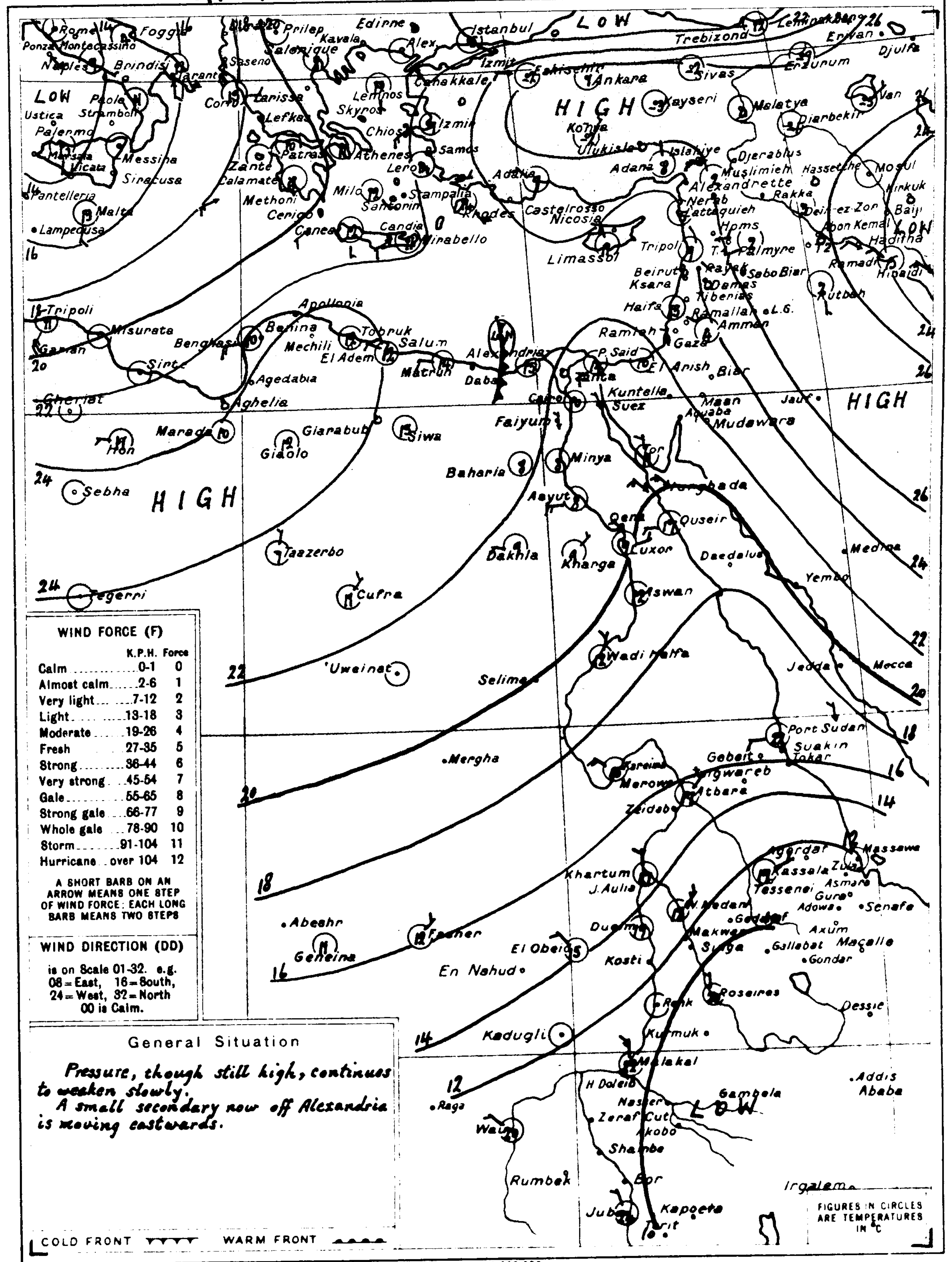
Discharges at Aswân measured by sluices m.³ per sec.

Date	1939	1938
19-1	1215	1267
18-1	1215	1281

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18.1	13.45	+0.06	13.46	+0.07
Nâsser	18.1	8.96	+2.69	9.08	+2.74
Malakâl	18.1	12.56	+1.39	12.58	+1.37
Roṣeires	19.1	12.73	+0.66	12.77	+0.68
Sennâr Res.	18.1	20.70	—	20.71	—
J. Aulia U.S	18.1	374.98	—	375.04	—
J. Aulia D.S	18.1	372.18	+0.29	372.17	+0.27
Khartûm	18.1	11.27	+0.32	11.28	+0.31
Kh. el Girba					
'Atbara	19.1	10.90	+0.28	10.90	+0.27
Kajnarti	18.1	134.16	+0.36	134.20	+0.37
Aswân Res.	19.1	12.83	—	120.79	—
Aswân D.S.	19.1	86.42	+0.23	86.43	+0.24
Rôda (Cairo)	19.1	14.79	+0.06	14.79	+0.06

Printed by the Survey & Mines Dept. 1938 (38/554)

١٩٣٩-١-١٩ Isobars, Wind and Temperature at 8 h. 19-1-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

Pressure, though still high, continues to weaken slowly.
A small secondary now off Alexandria is moving eastwards.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

At 8 h. on 19th — الساعة ٨ يوم ١٩

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.
Limassol	00	7	30	2	0	0	—	23.0	+5.5	11	—	—	—	—	—	0	267	261
Haifa	00	—	10	1	—	0	—	22.8	+6.6	13.2	18	0	9	+1	55	0	341	430
Gaza	00	9	30	1	0	0	—	21.6	+4.9	8	—	—	6	-2	80	—	—	228

SHIPS سفن: 53274 34106 28302 22765

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO 1417 F.C.

Time of Sunrise 06 h 51 m
" " Sunset 17 22

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1939 ١٩٣٩ شهر يناير

At 14 h. on 19th الساعة ١٤ يوم ١٩ — At 8 h. on FRIDAY 20th الساعة ٨ يوم الجمعة ٢٠

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	13	7	00	0	2	8	Cb	23.0	16.1	74	13	6	00	0	6	8	Ns	22.3	+3.6	11.7	17	—	11	—	84	1	44	—	130
MATRÛH	13	6	26	3	2	8	Cb	20.8	15.8	83	03	6	18	1	2	8	Cb	19.8	+1.3	12.8	17	-1	11	+3	95	dr.	66	101	131
DIKHEILA	03	8	04	2	2	7	As	22.0	17.0	59	50	6	00	0	1	4	Cu	19.5	—	14.7	17	—	10	—	77	dr.	59	—	150
ALEXANDRIA	03	8	04	1	2	6	Cu	21.4	17.2	62	02	8	00	0	5	5	Cu	19.1	+0.2	17.0	20	+1	13	+3	64	dr.	130	128	132
DAMIETTA											04	6	20	1	4	4	Ac	17.6	—	13.0	19	—	12	—	98	0	41	60	159
PORT SAÎD	01	7	30	3	1	3	Ac	20.4	19.6	67	02	6	06	1	1	5	Ac	17.8	+0.5	14.7	21	+3	12	+2	92	0	26	44	134
EL 'ARÎSH	01	7	02	3	1	3	Sc	21.8	17.2	69	01	7	00	0	1	2	Cu	18.2	—	9.2	19	—	7	—	72	0	71	45	135
LOWER EGYPT																													
DAMANHÛR											01	5	02	1	1	2	Cu	19.4	+1.0	10.7	19	-1	9	+2	95	0	13	55	136
MANSÛRA											01	7	18	1	1	3	Sc	18.3	—	12.5	21	+1	10	+3	86	0	24	25	137
[illegible]	03		28	2	2	8	—	20.6	19.5	58	00	7	00	0	0	0	—	18.7	-0.6	11.0	21	+1	7	0	91	0	15	20	138
…IG	02		02	1	1	4	Cu	20.8	18.9	63	01	7	26	1	1	2	Cs	18.8	—	7.9	20	0	6	0	79	0	11	14	139
MIDDLE EGYPT — CAIRO																													
…LMAZA	03		04	4	2	6	Cs	20.0	19.6	56	05	6	10	1	4	4	St	18.7	—	10.3	20	—	7	—	82	0	2	13	141
…EZBEKIYA	02		32	2	1	5	Cs	19.9	19.8	48	08	2	00	0	4	9	—	18.6	-0.6	10.0	21	+2	8	+1	94	0	4	13	—
GIZA	02		30	2	2	6	As	19.6	19.5	48	40	2	30	1	4	9	—	18.6	-1.2	8.8	20	+1	7	+1	96	0	3	14	—
HELWAN	03	8	04	2	1	6	As	18.8	19.9	36	09	5	00	0	0	0	—	18.3	-1.1	11.1	21	+2	9	+1	70	0	9	13	143
SUEZ	02	9	00	0	1	5	—	19.0	20.0	53	00	7	02	1	0	0	—	18.0	-0.4	10.6	23	+4	9	-1	89	0	14	10	144
FAIYÛM	02	8	02	1	1	4	Cu	19.5	21.5	46	00	7	00	0	0	0	—	19.1	-0.2	10.2	23	+3	6	0	78	0	dr.	5	153
UPPER EGYPT																													
MINYA	01	7	32	1	1	4	Ac	18.8	19.5	53	04	3	00	0	4	0	—	19.4	-0.5	6.2	21	+1	5	-1	97	0	2	—	154
ASYÛT	00	7	26	2	0	0	—	18.7	20.0	54	00	6	10	2	0	0	—	19.2	-1.1	8.0	23	+3	5	-1	86	0	2	3	155
QENA	00	8	22	1	0	0	—	18.0	22.9	56	02	7	30	1	1	5	Cu	18.3	-0.8	10.6	25	+3	9	+2	74	0	dr.	—	156
LUXOR	00	7	10	3	0	0	—	18.8	24.4	52	02	7	06	2	2	5	Cu	18.3	—	9.1	26	—	8	—	83	0	dr.	—	157
ASWÂN	01	7	32	2	1	3	Cu	15.4	25.5	32	01	7	32	1	2	3	Cc	17.1	-2.0	12.5	26	+2	11	+2	63	0	1	—	158
WESTERN DESERT																													
SIWA	03	7	26	1	2	8	Cu	—	19.0	63	02	7	00	0	2	5	Cu	—	—	8.7	21	+2	5	+1	83	0	dr.	6	148
BAHARÎYA	02	9	00	0	1	4	—	18.8	18.3	51	00	9	00	0	0	0	—	19.8	—	9.0	20	—	5	—	74	0	0	—	149
KHARGA	00	8	32	1	0	0	—	18.2	21.2	49	00	8	04	1	0	0	—	18.8	-0.7	8.0	23	0	5	-1	76	0	dr.	A.	151
DAKHLA	01	7	00	0	1	3	Cc	19.0	20.0	54	01	5	00	0	1	3	Ci	19.8	-0.4	8.0	23	+1	6	+1	85	0	dr.	—	152
RED SEA																													
TÔR	01	6	28	2	0	1	Cc	17.8	22.0	62	00	6	22	2	0	0	—	17.6	-0.5	11.7	22	+1	8	-1	79	0	19	9	145
HURGHÂDA											00	9	24	2	0	0	—	17.5	-0.7	16.1	22	0	10	0	60	0	1	—	146
QUSEIR	01	7	32	2	0	1	Ci	18.8	21.4	69	01	7	26	1	0	1	Ci	17.5	-0.4	17.8	22	-1	14	0	71	0	A.	6	147
PORT SUDAN	01	—	04	2	0	4	—	10	27	45	03	—	28	2	2	7	—	15.6	-0.1	23.0	27	0	19	0	65	0	66	97	169
NORTH SUDAN																													
WÂDI HALFA	02	8	28	2	1	5	Ac	16.8	24	26	01	8	32	2	0	2	Ac	18.1	-0.9	11.1	25	+1	10	+2	63	—	—	—	165
KAREIMA	00	8	28	2	0	0	—	14.2	29	39	02	8	28	3	1	5	Cs	16.0	-0.7	15.9	30	0	11	-1	32	0	0	1	166
'ATBARA	01	—	30	3	0	4	—	13	29	25	00	—	02	2	0	0	—	14.4	-0.4	18.0	29	-1	13	0	49	0	6	1	167
KHARTÛM	00	8	32	2	0	0	—	10.1	32	14	01	8	04	4	0	4	Cs	12.7	-1.4	18.1	32	0	15	0	36	0	dr.	5	168
KASSALA	00	8	06	3	0	0	—	6.8	34	31	01	8	04	2	0	2	Ci	9.9	-2.7	21.0	34	0	15	-1	65	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	02	4	0	4	—	5	34	25	00	—	02	4	0	0	—	11.6	-1.8	19.3	33	-1	11	-4	44	0	2	13	171
DUEIM	01	—	04	2	0	4	—	8	32	25	00	—	—	3	0	0	—	12.4	-1.0	19.6	32	-1	16	+2	41	0	14	12	173
RENK	00	8	28	3	0	0	—	4.6	30	24																			182
ROSEIRES	01	—	30	2	0	4	—	3	33	25	00	—	04	1	0	0	—	8.0	-3.8	21.9	38	+2	16	0	57	0	27	37	172
EL OBEID	00	8	04	3	0	0	—	8.9	29	19	01	8	30	3	0	3	Ci	13.6	-2.3	16.3	31	+1	14	+3	32	0	8	19	174
EL FÂSHER	01	—	06	2	0	4	—	—	32	15	00	—	04	3	0	0	—	—	—	12.9	32	+2	7	-3	31	0	0	8	175
GENEINA	00	8	03	3	0	0	—	—	31	9	01	8	06	2	0	2	Ac	—	—	12.0	34	—	11	—	23	0	dr.	—	179
KADUGLI	01	7	28	4	0	2	—	7.0	34	23																			187
S. SUDAN																													
MALAKÂL	00	8	02	4	0	0	—	6.2	34	10	02	8	02	5	1	5	Cs	10.2	-1.5	22.0	35	-1	17	-1	20	0	83	93	176
WÂU	01	—	08	1	0	4	—	4	35	15	00	—	28	2	0	0	—	9.7	-1.5	21.5	36	0	17	0	28	0	103	147	177
JÛBA	00	8	02	3	0	0	—	4.5	36	17	00	7	00	0	0	0	—	10.4	-0.1	22.0	36	-2	18	-2	52	0	231	142	178

UPPER WINDS الرياح العليا صباح يوم ٢٠

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWAN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JUBA	Salum 19th
h. m.	h. m.	8 h. m.	h. m.	h. m.	h. m.	h. m.	5 h. m.	7 h. m.	6 h. m.	6 h. m.	6 h. m.	7 h. m.	6 h. m.	12 h. m.
		02.05.05					02.02.20	06.04.40	06.01.45	06.07.10	07.03.30	06.02.55	06.21.20	02.00.00
		04.05.10					06.02.35	10.50.50	10.02.45	10.06.15	10.02.35	10.03.75	10.22.20	05.35.10
		06.06.10					10.04.35	15.06.40	15.07.15	15.05.25	15.36.15	15.06.40	15.21.15	10.28.10
		Ent. Cu.					15.08.15	20.01.25	20.04.10	20.03.10	20.05.10	20.13.20	20.33.05	15.21.05
							20.20.05	30.01.10	30.34.10			30.09.15	30.07.30	17.10.05
							30.25.35	40.18.05	40.27.25				40.05.25	Ent. Cb
							40.24.40		50.26.30					
							45.26.45		60.25.20					
									63.27.30					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet bulb temp. °C on 19th	Diff. from normal
Alexandria	68	+2	13.9	+2.2
Ezbekiya	73	+5	11.7	+1.5
Giza	77	+5	11.2	+1.1
Helwan	60	+3	11.2	+2.3

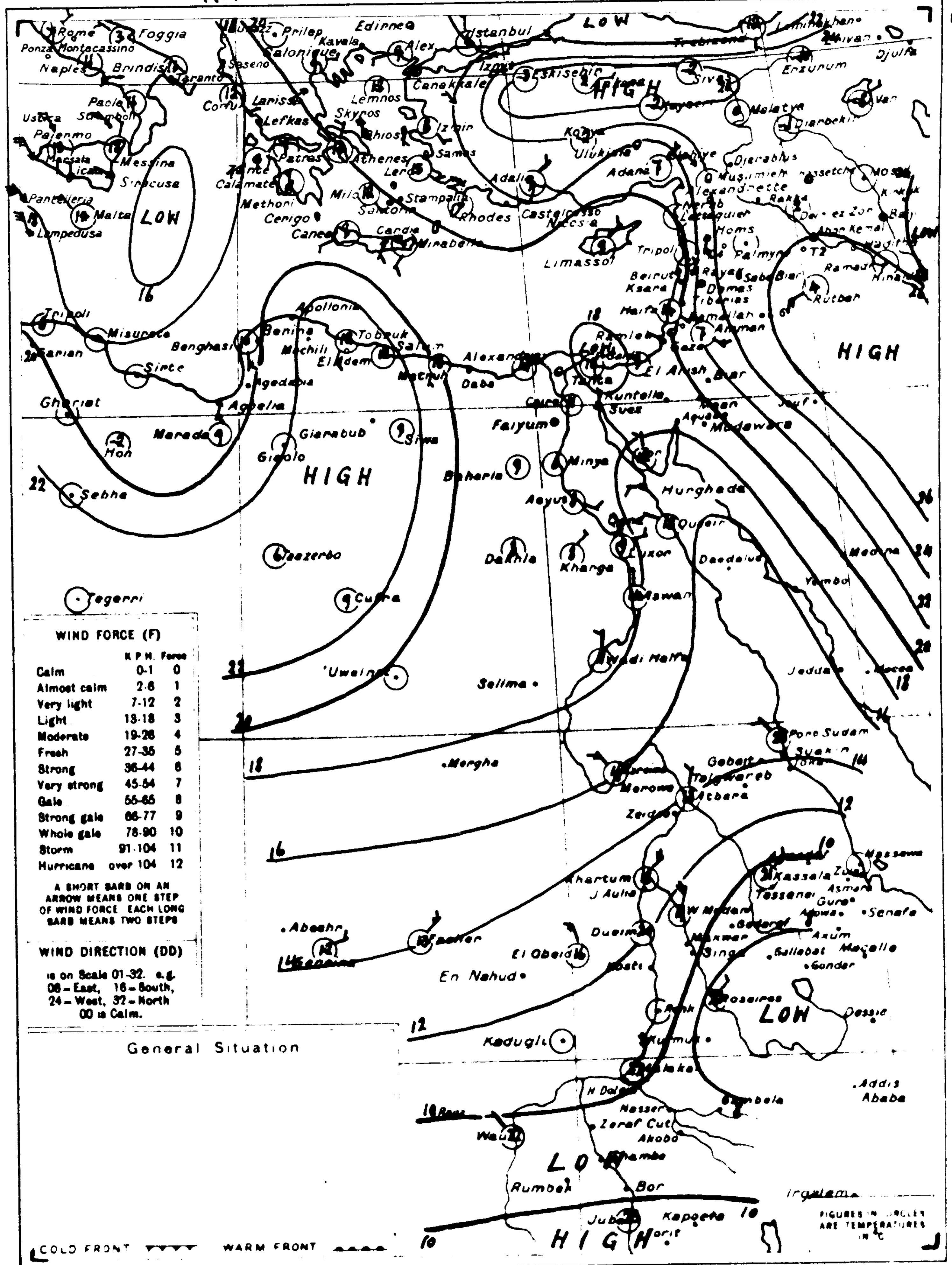
Giza Grass minimum on 20th 2.9 °C

Discharges at Aswan measured by sluices m^3 per sec

DATE	1939	1938
20-1	1215	1156
19-1	1215	1267

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal
Jûba	20-1	12.46	+0.08	12.46	+0.07
Nasser	20-1	8.88	+2.54	8.83	+2.63
Malakâl	20-1	12.56	+1.42	12.55	+1.41
Roseires	20-1	12.71	+0.67	12.73	+0.66
Sennâr Res.	20-1	20.70	—	20.71	—
J. Aulia U.S.	20-1	376.03	—	375.05	—
J. Aulia D.S.	20-1	372.17	+0.32	372.16	+0.29
Khartum	20-1	11.26	+0.36	11.27	+0.35
Kh. el Girba					
'Atbara	20-1	10.90	+0.31	10.90	+0.28
Kajnarti	20-1	134.11	+0.37	134.13	+0.36
Aswân Res.	20-1	120.88	—	120.83	—
Aswân D.S.	20-1	86.42	+0.23	86.42	+0.23
Roda (Cairo)	20-1	14.79	+0.06	14.79	+0.06

١٩٣٩-١-٢٠ Isobars, Wind and Temperature at 8 h. 20-1-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

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

General Situation

At 8 h. on 20th ٢٠ صباح يوم

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	09	6	06	2	1	4	—	19.6	+2.1	9	—	—	—	—	—	0	267	265
Haifa	00		10	2	—	0	—	24.3	+4.2	13.6	20	+2	9	+1	44	0	341	436
Gaza	01	8	26	1	0	4	Ac	18.4	+1.7	9	—	—	7	-1	75	—	—	231
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100

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1417 F.C.

CAIRO
Time of Sunrise 06 h 50 m
" " Sunset 17 h 23 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *JANUARY* 1939 ١٩٣٩ شهر يناير

STATION	At 14 h. on 20th — Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	At 8 h. on SATURDAY 21st — Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm. °C	Minimum Today °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station number
MEDITERRANEAN																													
SALÛM	13	6	02	1	2	7	Cb	20.6	14.4	88	01	7	24	4	6	3	Cu	17.8	-0.9	8.0	18	—	8	—	93	2	46	—	130
MATRÛH	02	7	02	2	1	4	Cu	17.4	17.4	82	01	7	22	2	1	4	Cu	14.7	-3.8	11.0	17	-1	10	+2	98	2	68	102	131
DIKHEILA	02	8	30	2	1	4	Cu	17.5	17.8	67	62	7	28	4	6	8	Cb	14.7	—	13.0	18	—	11	—	95	2	61	—	150
ALEXANDRIA	01	9	04	2	2	3	Cu	16.6	18.9	65	03	7	24	5	6	7	Cb	14.3	-4.6	12.3	21	+2	12	+2	97	4	134	129	132
DAMIETTA											47	3	20	1	4	5	Ac	13.8	—	11.0	21	—	9	—	99	0	41	61	159
PORT SAÏD	00	8	30	3	1	0	—	15.6	20.2	60	02	6	20	3	1	5	Ac	13.5	-3.7	13.2	21	+3	12	+1	97	0	26	44	134
EL 'ARÎSH	00	7	04	1	1	0	—	15.2	22.1	44	00	7	00	0	0	0	—	13.4	—	10.0	24	—	7	—	76	0	71	45	135
LOWER EGYPT																													
DAMANHÛR											02	5	28	3	2	5	Cu	14.2	-4.2	12.2	20	0	10	+3	94	0	13	56	136
MANSÛRA											40	3	14	2	4	0	—	13.5	—	8.9	22	+2	8	+1	98	0	24	25	137
TANTA	01	7	00	0	1	3	Ac	16.3	22.0	50	03	6	20	2	2	7	Sc	14.2	-5.0	10.5	24	+4	8	+1	94	0	15	20	138
ZAGÂZIG	00	8	28	1	0	0	—	16.3	21.4	54	01	6	20	3	1	4	Cu	14.8	—	9.9	23	+3	6	0	94	0	11	14	139
MIDDLE EGYPT																													
CAIRO: ALMÂZA	00	7	20	2	0	0	—	16.6	21.4	56	05	7	12	3	1	6	Sc	15.1	—	12.2	22	—	10	—	82	0	2	—	141
CAIRO: EZBEKIYA	00	7	28	1	4	0	—	16.2	21.3	49	03	6	18	3	1	7	Sc	15.1	-4.1	11.8	23	+4	9	+2	69	0	4	13	—
CAIRO: GIZA	00	8	00	0	0	0	—	15.8	21.1	53	03	5	16	2	2	7	Sc	15.2	-4.6	10.5	24	+5	8	+2	76	0	3	14	—
HELWÂN	00	7	00	0	0	0	—	15.8	20.9	43	03	6	12	2	2	8	Sc	16.0	-3.4	10.1	21	+2	9	+1	73	0	9	14	143
SUEZ	00	9	12	1	0	0	—	15.4	21.8	46	01	7	02	1	1	1	Cu	15.0	-3.4	9.8	24	+5	8	-2	76	0	14	10	144
UPPER EGYPT																													
FAIYÛM	01	8	30	2	0	3	Cu	16.3	21.0	51	02	5	14	2	1	5	Cu	15.6	-3.7	11.0	24	+4	7	+1	69	0	tr	5	153
MINYA	00	6	28	2	0	0	—	16.4	19.3	52	09	5	30	1	0	0	—	16.7	-3.1	10.0	20	0	6	0	74	0	2	—	154
ASYÛT	00	8	22	3	0	0	—	16.8	20.4	48	00	6	22	3	0	0	—	16.8	-3.5	9.5	21	+1	7	+1	80	0	2	3	155
QENA	00	8	22	1	1	0	—	15.8	23.0	48	00	7	30	1	0	0	—	16.6	-2.4	11.0	25	+3	8	+1	81	0	tr	—	156
LUXOR	02	7	02	2	1	4	Cu	17.5	24.1	53	00	7	26	2	0	0	—	15.8	—	9.5	26	—	5	—	83	0	tr	—	157
ASWÂN	01	7	30	2	1	3	Cc	12.8	23.5	35	01	7	32	1	1	3	Cu	14.8	-4.2	13.0	27	+3	10	+1	57	0	1	—	158
WESTERN DESERT																													
SÎWA	01	7	26	1	1	3	Cu	—	21.8	52	00	7	26	1	0	0	—	—	—	8.7	24	+5	5	+1	77	0	tr	6	148
BAHARÎYA	00	9	00	0	0	0	—	17.4	18.5	50	01	9	24	1	0	3	—	16.6	—	13.0	20	—	7	—	64	0	0	—	149
KHÂRGA	00	8	32	1	0	0	—	17.5	—	42	00	8	32	1	0	0	—	17.5	-2.0	9.2	20	-3	6	0	68	0	tr	6	151
DÂKHLA	01	8	30	2	1	3	Ci	16.7	19.3	56	00	5	00	0	0	0	—	19.0	-1.2	9.9	20	-2	6	+1	80	0	tr	—	152
RED SEA																													
TÔR	00	6	28	2	0	0	—	14.7	23.0	51	00	6	32	3	0	0	—	14.3	-3.7	11.5	24	+3	9	0	60	0	11	9	145
HURGHÂDA											01	9	28	2	0	3	St	13.6	-4.6	16.5	23	+1	10	0	60	0	1	—	146
QUSEIR	01	7	04	1	0	1	Ci	15.5	21.8	74	00	7	26	2	0	0	—	15.2	-2.6	19.4	23	0	15	+1	69	0	6	6	147
PORT SUDAN											03	—	28	1	2	7	—	12.6	-3.0	25.2	28	+1	22	+3	76	0	66	97	169
NORTH SUDAN																													
WÂDI HALFA											01	8	32	1	0	4	Ci	16.9	-2.1	12.1	26	+2	9	+1	54	—	—	—	165
KAREIMA											02	8	32	2	1	5	Cs	13.7	-3.0	14.2	30	0	13	+1	47	0	0	1	166
'ATBARA											00	—	32	2	0	0	—	11.9	-2.9	20.7	30	0	15	+1	44	0	6	1	167
KHARTÛM											01	8	32	3	0	3	Ci	10.5	-3.6	19.2	33	+1	17	+2	38	0	tr	5	168
KASSALA											00	8	06	2	0	0	—	8.8	-3.8	18.7	—	—	15	-1	63	0	tr	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	4	0	0	—	4.3	-3.1	20.6	34	0	12	-3	38	0	2	13	171
DUEIM											00	—	—	3	0	0	—	11.1	-2.3	20.4	33	0	17	+3	42	0	14	12	173
RENK																			—			—		—					182
ROSEIRES											00	—	28	1	0	0	—	6.7	-5.1	22.8	38	+2	17	+1	48	0	27	37	172
EL OBEID											02	8	30	2	0	5	Ci	12.9	-3.0	15.8	31	+1	13	+2	41	0	8	19	174
EL FÂSHER											00	—	02	3	0	0	—	—	—	12.2	31	+1	8	-2	38	0	0	6	175
GENEINA											02	8	08	1	0	6	Ac	—	—	11.8	32	—	10	—	33	0	tr	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL											01	8	02	3	1	4	Ci	9.5	-2.0	22.2	35	-1	17	-1	29	0	83	93	176
WÂU											00	—	28	1	0	0	—	7.6	-3.3	21.5	36	0	16	-2	33	0	103	107	177
JÛBA											01	8	18	2	0	4	Cu	8.8	-1.7	25.0	36	-2	20	0	47	0	231	142	178

UPPER WINDS — 21st

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Geneina
7 h. m.	7 h. m.	h. m.	8 h. 30 m.	8 h. 30 m.	7 h. m.	7 h. m.	6 h. m.	3 h. m.	6 h. m.	6 h. m.	7 h. m.	6 h. m.	h. m.	5 h. m.
[illegible]	02.31.10		02.20.30	02.16.20	05.33.30	02.35.15	03.35.20	06.05.40	06.01.40	06.35.20	07.36.25	06.01.50		10.03.30
[illegible]	04.29.15		05.26.35	End NS	10.32.30	05.35.30	06.35.40	10.05.30	10.01.30	10.11.20	10.06.35	10.03.50		15.03.25
[illegible]	End Cu		End Sc		15.29.35	10.35.10	10.02.15	15.08.20	15.05.10	15.05.15	15.08.15	15.07.15		20.29.10
[illegible]					20.26.30	15.24.20	15.27.10	20.30.15	20.20.05	20.34.20	20.06.10	20.12.15		30.22.25
20.31.40							20.25.10	21.29.15	30.28.25			30.08.15		31.24.30
25.31.45							30.23.30		40.29.20			36.13.20		
30.29.55							40.27.35		50.24.25					
35.28.45									60.25.30					
40.27.40									63.26.25					
45.23.20														

Forecast for 24 hours from noon on 21st

On the coast fresh westerly winds; inland moderate to fresh winds between South and west.
Much low cloud.
Rain on the coast; scattered showers inland.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢١
على السواحل رياح غربية شديدة نوعا
وفي الداخل رياح جنوبية معتدلة الى الشديدة وجنوبية غربية
كثير من السحاب المنخفض
يتساقط مطر على السواحل تكون زخات متفرقة في الداخل
درجة الحرارة حول المعدل

STATION	Mean of day — Humidity % on 20th	Diff. from normal	Wet bulb temp. °C on 20th	Diff. from normal
Alexandria	66	0	14.2	+3.5
Ezbekiya	80	+12	12.1	+1.9
Giza	84	+12	11.5	+1.4
Helwân	58	+1	11.3	+2.4

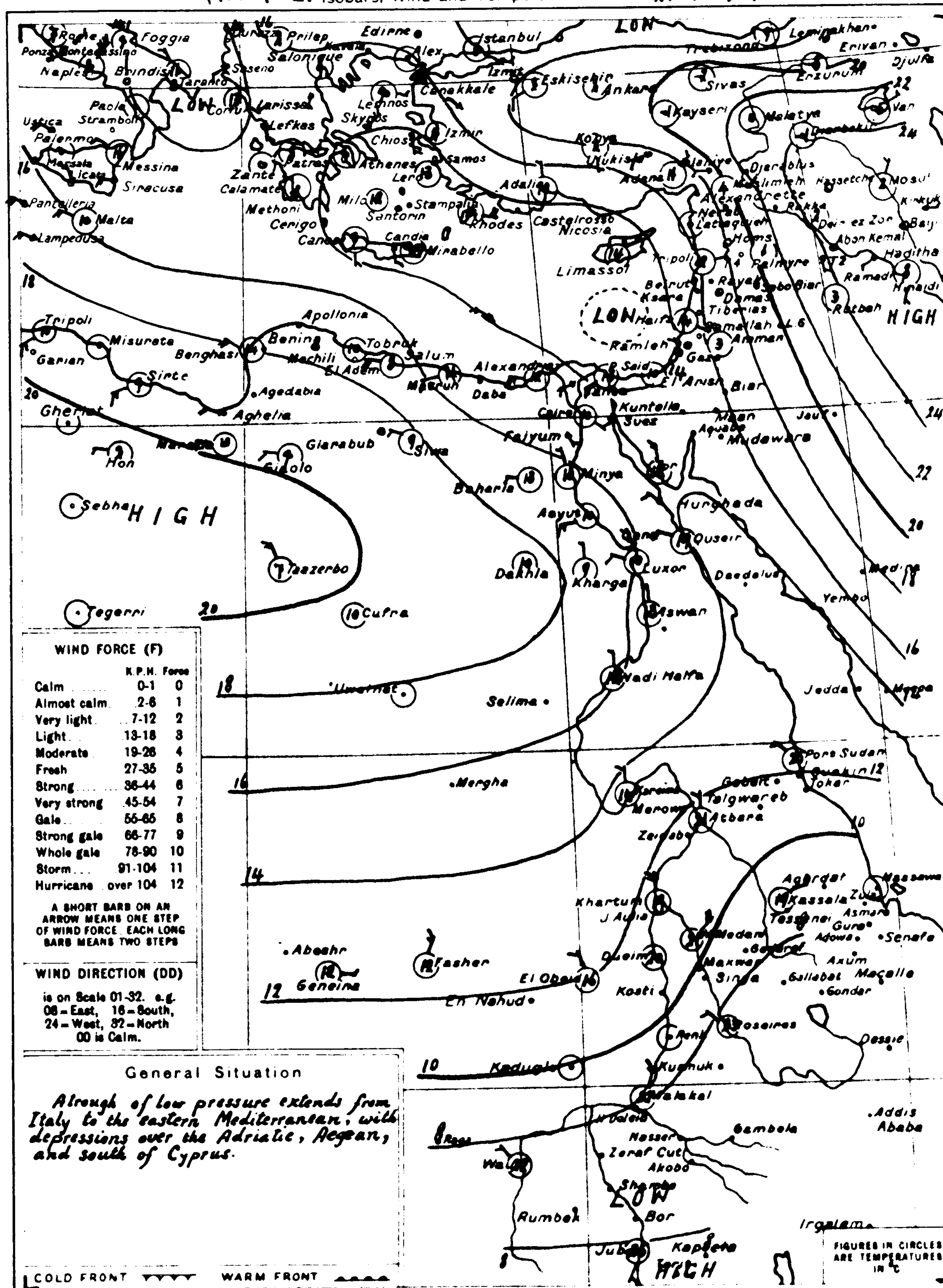
Giza Grass minimum on 21st 3.6 °C

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

DATE	1939	1938
21.1	1215	1167
20.1	1215	1156

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	20.1	13.46	+0.08	13.46	+0.07
Nasser	20.1	8.68	+2.84	8.83	+2.63
Malakâl	21.1	12.51	+1.41	12.54	+1.42
Roseires	21.1	12.71	+0.69	12.71	+0.67
Sennâr Res	20.1	20.70	—	20.71	—
J. Aulia U.S	20.1	375.03	—	375.05	—
J. Aulia D.S	20.1	372.17	+0.32	372.16	+0.29
Khartum	21.1	11.25	+0.37	11.26	+0.36
Kh. el Girba					
'Atbara	20.1	10.90	+0.31	10.90	+0.28
Kajnarti	20.1	134.11	+0.37	134.13	+0.36
Aswân Res.	21.1	120.92	—	120.88	—
Aswân D.S.	21.1	86.42	+0.21	86.42	+0.23
Rôda (Cairo)	21.1	14.77	+0.04	14.79	+0.06

١٩٣٩ - ١ - ٢١ Isobars, Wind and Temperature at 8 h. 21-1-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

General Situation

A trough of low pressure extends from Italy to the eastern Mediterranean, with depressions over the Adriatic, Aegean, and south of Cyprus.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION محطة	At 8 h. on 21st — Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry bulb °C (TTT)	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	06	3	2	7	—	12.8	-4.6	14	—	—	—	—	—	0	267	268
Haifa	00	8	10	2	0	0	—	13.8	-2.3	13.9	21	+3	11	+3	38	0	341	443
Gaza	00	9	30	2	0	0	—	13.6	-3.1	10	—	—	7	-1	65	—	—	234
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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CAIRO
Time of Sunrise 06 h 50 m
Sunset 17 23

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1939 ١٩٣٩ شهر يناير

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

STATION	14h Present Weather	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PPP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C	Max Diff. from norm. °C	Min Today °C	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
	01	8	26	4	0	4	Cu	16.1	16.7	56	01	6	24	5	1	3	Cu	16.3	-2.3	6.0	18	—	6	—	—	0	46	—	130
	02	7	26	4	2	5	Cu	13.3	16.6	80	02	7	20	3	2	5	Sc	14.4	-4.1	9.4	17	-1	8	0	87	0	68	103	131
	02	8	24	6	2	5	Cu	13.3	17.8	90	01	8	20	2	1	2	Cu	15.2	—	9.9	18	—	8	—	61	dr.	61	—	150
	0.	9	24	6	2	4	Cu	12.2	16.7	66	00	9	16	2	0	0	—	14.7	-4.2	11.5	18	-1	10	0	62	1	135	131	132
											01	8	20	2	0	2	Ac	14.3	—	10.6	21	—	8	—	74	0	41	62	159
PORT SAID	01	7	26	3	1	3	Ac	11.9	19.7	55	00	7	20	5	1	0	—	14.8	-2.4	13.1	21	+2	10	-1	72	1	27	45	134
EL ARISH	02	7	30	2	1	4	Cu	12.7	17.1	79	00	7	18	1	0	0	—	16.3	—	13.0	20	—	10	—	70	0	71	46	135
DAMANHUR											00	5	22	2	1	0	—	15.2	-3.1	8.3	17	-3	7	0	74	0	13	57	136
MANSURA											00	8	20	1	0	0	—	15.1	—	7.8	21	+1	6	-1	76	0	24	25	137
TANTA	02	7	24	2	1	4	Cu	12.4	18.5	67	00	7	20	3	0	0	—	15.8	-3.3	10.0	21	+1	5	-2	74	0	15	20	138
ZAGAZIG	02	8	20	4	1	4	Cu	12.7	21.1	58	00	7	20	2	1	0	—	16.2	—	9.9	21	+1	6	0	73	0	11	14	139
ALMAZA	02	8	22	4	2	5	Cu	13.3	19.0	55	01	8	16	3	0	1	Cu	16.4	—	11.9	20	—	8	—	59	0	2	—	141
EZBEKIYA	02	8	18	1	1	5	Cu	12.8	20.5	38	00	6	20	2	0	0	—	16.6	-2.6	10.6	23	+4	9	+2	56	0	4	13	—
GIZA	02	8	26	3	2	5	Cu	12.6	21.6	41	00	7	14	4	0	0	—	16.8	-3.0	10.7	24	+5	6	0	62	0	3	14	—
HELWAN	02	9	24	2	2	5	Cu	12.6	18.1	44	00	7	10	1	0	0	—	17.4	-2.0	10.9	20	+1	8	0	49	0	9	14	143
SUEZ	01	9	24	2	1	4	Cu	12.7	22.0	32	00	7	12	1	0	0	—	16.6	-1.8	13.7	23	+4	9	-1	66	0	14	10	144
FAIYUM	02	7	30	2	1	5	Cu	13.6	19.8	39	00	7	00	0	0	0	—	17.1	-2.2	10.2	23	+3	6	0	55	0	dr.	5	153
MINYA	02	7	28	3	1	4	Cu	14.6	22.3	40	00	6	06	2	0	0	—	18.0	-1.7	9.1	23	+3	7	+1	73	0	2	—	154
ASYUT	01	8	22	3	0	3	Cu	15.2	19.8	42	00	6	26	2	0	0	—	19.0	-1.2	9.2	20	0	6	0	71	0	2	3	155
QENA	00	8	22	2	0	0	—	14.0	23.0	44	01	8	26	1	0	3	Ac	18.2	-0.8	11.0	24	+2	8	+1	81	0	dr.	—	156
LUXOR	00	7	06	3	0	0	—	14.4	23.3	41	02	6	10	3	1	4	Cu	16.0	—	7.2	24	—	5	—	86	0	dr.	—	157
ASWAN	00	7	32	2	0	0	—	11.5	23.4	26	02	7	32	1	2	5	Cc	17.1	-1.9	12.0	27	+3	9	0	51	0	1	—	158
SIWA	00	7	00	0	0	0	—	—	18.6	66	00	7	00	0	0	0	—	—	—	10.0	23	+4	5	+1	79	0	dr.	6	148
BAHARIYA	00	9	32	1	0	0	—	15.4	19.0	38	00	9	00	0	0	0	—	18.7	—	8.0	19	—	3	—	62	0	0	—	149
KHARGA	00	8	32	4	0	0	—	15.1	20.5	48	00	8	32	1	0	0	—	18.8	-0.6	9.2	21	-2	7	+1	65	0	dr.	tr.	151
DAKHLA	00	8	30	4	0	0	—	15.9	19.0	53	01	5	00	0	1	3	Ci	20.3	+0.1	7.0	20	-2	3	-2	72	0	dr.	—	152
TOR	00	6	28	4	0	0	—	12.2	22.0	38	01	6	32	2	0	1	Cu	15.6	-2.4	13.5	22	+1	9	0	61	0	19	9	145
HURGHADA											01	9	30	3	0	3	Cu	15.6	-2.5	16.4	24	+2	10	0	49	0	1	—	146
QUSEIR	00	7	04	2	0	0	—	12.3	22.2	74	01	7	30	2	0	1	Ci	16.0	-1.8	17.9	24	+1	14	0	44	0	tr.	6	147
PORT SUDAN	03	—	12	4	1	8	—	10	28	75	01	—	28	2	1	4	—	12.0	-3.6	26.3	29	+2	23	+4	78	0	66	97	169
WADI HALFA	00	7	28	2	0	0	—	12.5	26	25	02	8	32	2	1	6	Cs	18.0	-1.0	10.1	24	0	8	0	62	0	—	—	165
KAREIMA	00	8	04	2	0	0	—	10.5	28	21	00	8	28	2	0	2	Ci	16.0	-0.7	14.8	29	-1	12	0	30	0	0	1	166
ATBARA	01	—	32	2	0	4	—	8	31	25	00	—	32	3	0	0	—	12.8	-2.0	21.0	31	+1	17	+3	27	0	6	1	167
KHARTUM	00	7	32	2	0	0	—	7.5	29	26	00	8	32	3	0	0	—	12.3	-1.8	19.0	34	+2	17	+2	28	0	dr.	5	168
KASSALA	00	7	02	4	0	0	—	3.2	36	17	01	8	06	2	1	4	Ci	10.2	-2.3	18.8	36	+2	16	-1	63	0	dr.	11	170
WAD MEDANI	01	—	02	3	0	4	—	8	31	25	00	—	32	5	0	0	—	11.2	-2.2	20.5	35	+1	15	0	42	0	2	13	171
DUEIM	01	—	—	3	0	4	—	6	33	25	00	—	24	3	0	0	—	11.8	-1.6	20.8	34	+1	17	+3	41	0	14	12	173
RENK	02	7	28	3	1	5	—	4.7	32	28									—			—		—					182
ROSEIRES	01	—	26	2	0	4	—	2	37	25	00	—	26	1	0	0	—	7.6	-4.2	22.3	38	+2	16	0	47	0	27	37	172
EL OBEID	03	8	06	2	1	7	—	6.4	30	23	00	8	30	2	0	0	—	13.6	-2.2	15.3	31	+1	13	+2	39	0	8	19	174
EL FASHER	01	—	06	2	0	4	—	—	—	45	00	—	04	2	0	0	—	—	—	13.3	32	+2	9	-1	34	0	0	8	175
GENEINA	01	8	08	2	1	4	Ac	—	31	9	00	8	02	2	0	0	—	—	—	13.7	34	—	12	—	28	0	dr.	—	179
KADUGLI	01	7	04	4	1	4	—	3.8	34	31																			187
MALAKAL	01	8	02	4	0	3	—	2.6	36	10	01	8	02	3	1	3	Ac	9.9	-1.5	22.6	36	0	18	0	27	0	83	93	176
WAU	01	—	04	1	0	4	—	2	35	10	01	—	32	2	0	4	—	8.5	-2.4	22.0	37	+1	19	+1	35	0	103	147	177
JUBA	17	7	30	1	0	0	—	3.0	36	25	01	8	00	0	0	4	Cu	8.5	-2.0	27.4	37	-1	20	0	49	0	231	142	178

UPPER WINDS

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 21st
7 h.	7 h.	h. m.	8 h. 30 m.	8 h. 30 m.	7 h.	7 h.	4 h.	5 h.	7 h.	6 h.	6 h.	6 h.	6 h.	13 h.
2.29.30	02.27.40		02.21.25	02.16.20	05.34.25	02.36.20	03.02.25	06.36.30	06.01.35	06.05.15	07.36.35	06.02.50	06.01.15	02.32.20
5.28.70	05.27.50		05.29.30	05.24.15	10.31.20	05.36.35	06.01.45	10.35.30	10.01.35	10.03.20	10.03.45	10.03.55	10.02.40	05.32.15
0.29.30	10.27.30		10.27.40	08.30.45	15.31.25	10.01.35	10.36.35	15.33.25	15.34.05	15.36.20	15.04.20	15.04.20	15.35.30	10.32.25
5.29.40	15.26.35		15.28.30	10.27.35	20.27.25	15.22.20	15.25.10	20.33.25	20.23.15	20.33.10	20.06.10	20.02.05	20.32.10	15.31.20
20.29.50	18.27.35			15.27.36		20.22.20	20.29.25		30.23.15		30.08.10	30.05.20	30.28.10	20.28.30
25.29.25	Ext. Sc.			20.26.35			40.35.15		40.29.20			40.15.25	40.30.10	25.29.35
30.28.25				23.27.35			43.34.15					43.16.40	50.27.15	
				25.27.45									58.02.10	
				30.25.50										

Forecast for 24 hours from noon on 22nd

Moderate to fresh winds, southwest to west on the coast, south to southwest inland. Clear or occasional medium cloud. Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٢

رياح بين المعتدله والنشطه تكون جنوبيه غربيه الى غربيه على الساحل . وجنوبية الى جنوبيه غربيه فى الداخل السماء صحو أو يظهر بها بعض السحاب المتوسط الارتفاع احيانا . ولا تتغير درجة الحرارة الا قليلا .

STATION	Mean of day Humidity % on 21st	Diff. from normal	Wet Bulb Temp °C on 21st	Diff. from normal
Alexandria	60	+14	12.8	+2.1
Ezbekiya	54	-13	10.9	+0.7
Giza	65	-5	10.5	+0.4
Helwan	55	-1	9.9	+1.0

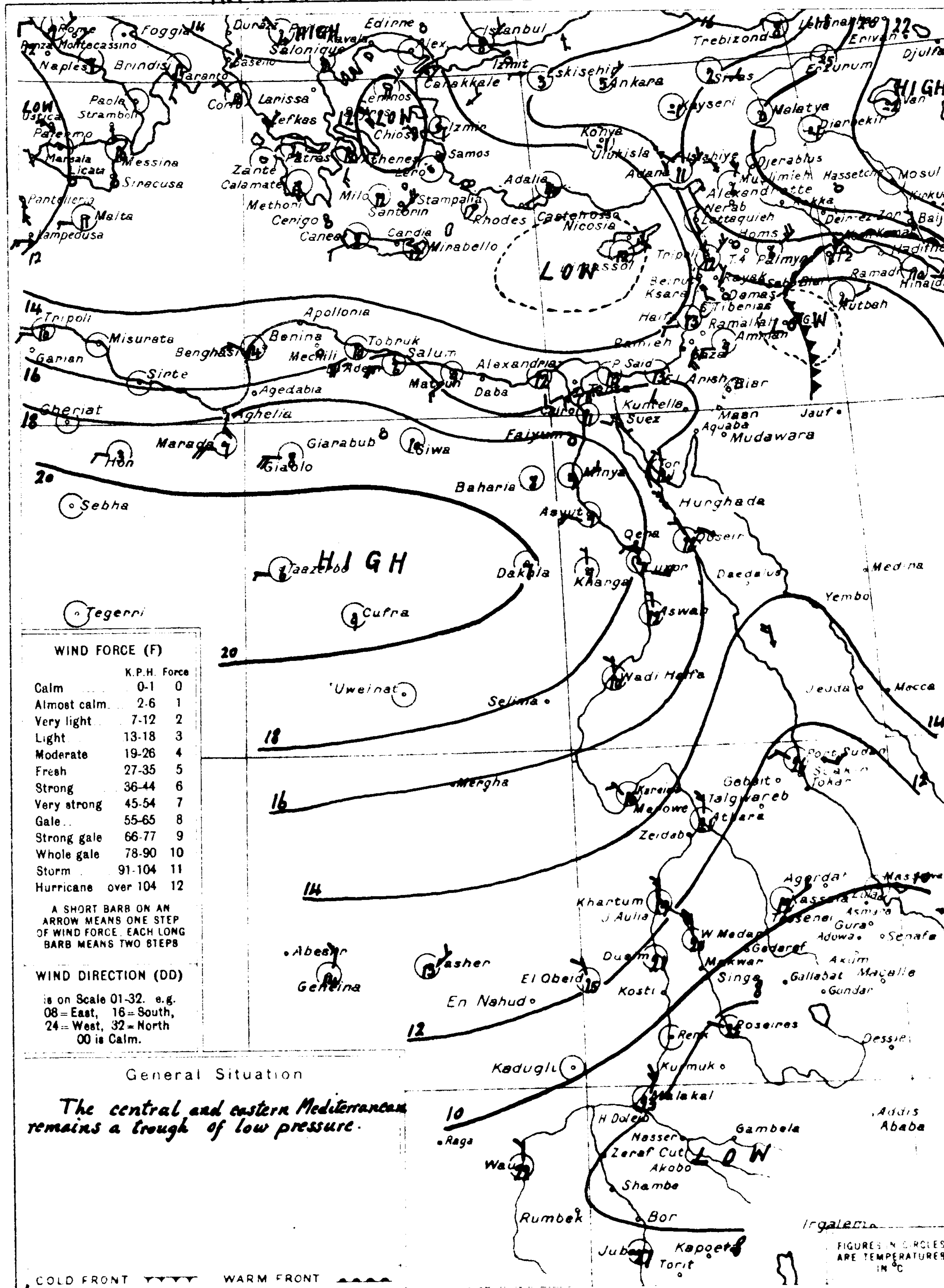
Giza Grass minimum on 22nd 3.2 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
22-1	1215	1108
21-1	1215	1107

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	21-1	13.44	+0.06	13.46	+0.08
Nasser	21-1	8.53	+2.43	8.68	+2.54
Malakal	22-1	12.49	+1.43	12.51	+1.41
Roseires	22-1	12.70	+0.69	12.71	+0.69
Sennar Res	21-1	20.71	—	20.70	—
J. Aulia U.S	21-1	375.04	—	375.03	—
J. Aulia D.S	21-1	372.16	+0.33	372.17	+0.32
Khartum	21-1	11.25	+0.37	11.26	+0.36
Kh. el Girba					
Atbara	21-1	10.90	+0.32	10.90	+0.31
Kajnarti	21-1	134.12	+0.40	134.11	+0.37
Aswan Res	22-1	120.95	—	120.92	—
Aswan D.S	22-1	86.42	+0.20	86.42	+0.21
Roda (Cairo)	22-1	14.77	+0.04	14.77	+0.04

Isobars, Wind and Temperature at 8 h. 22-1-1939. ١٩٣٩-١-٢٢



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The central and eastern Mediterranean remains a trough of low pressure.

At 8 h on 22nd — الساعة ٨ يوم ٢٢

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C	Max Diff from norm °C	Min Today °C	Min Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	60	5	06	3	6	8	—	11.4	-6.0	12	—	—	—	—	—	41	308	271
Haifa	03	—	22	2	—	8	—	14.0	-2.0	12.9	20	+2	12	+4	90	8	349	450
SHIPS																		

Remarks

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	93, 96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST ... ABROAD ... 150

Printed by the Survey & Mines Dept. 1938 (38/554)

CAIRO

Time of Sunrise h. 06 m. 49

" " Sunset h. 17 m. 24

Month *JANUARY* 1939 ١٩٣٩ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 22nd — الساعة ١٤ يوم ٢٢ | At 8 h. on MONDAY 23rd — الساعة ٨ يوم الاثنين ٢٣

STATION	14h 22nd: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU	8h 23rd: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
SALUM	01	7	22	6	0	4	Cu	15.6	16.9	56	02	7	26	5	1	5	Cs	18.0	-0.6	8.4	17	—	6	—	89	dr	46	—	130
MATRUH	02	7	24	4	2	5	Cu	14.6	16.4	64	02	7	18	3	2	5	Sc	17.4	-1.1	8.4	17	-1	8	0	92	0	68	105	131
DIKHEILA	01	8	24	5	1	2	Cu	15.2	18.2	48	01	8	20	3	0	2	Cu	18.7	—	10.4	18	—	8	—	53	0	61	—	150
ALEXANDRIA	01	9	20	5	2	3	Cu	14.4	17.3	58	00	9	20	2	0	0	—	18.7	-0.1	11.7	21	+2	10	0	56	0	135	132	132
DAMIETTA											09	7	20	2	0	0	—	18.4	—	9.8	19	—	7	—	84	0	41	63	159
PORT SAID	00	7	22	5	0	0	—	14.0	19.7	46	00	7	20	3	0	0	—	18.6	+1.4	11.6	20	+1	9	-2	79	0	27	45	134
EL 'ARISH	00	7	26	3	0	0	—	15.2	18.9	48	00	7	00	0	0	0	—	18.7	—	11.8	20	—	8	—	69	0	71	46	135
DAMANHUR											01	5	16	1	1	2	Cu	19.0	+0.8	8.8	20	0	7	0	73	0	13	57	136
MANSURA											00	8	12	1	0	0	—	18.6	—	7.5	20	0	6	-1	79	0	24	26	137
TANTA	02	7	22	5	1	4	Ac	14.6	20.0	43	00	7	20	2	0	0	—	19.0	0.0	10.0	21	+1	6	-1	74	0	15	20	138
ZAGAZIG	01	8	20	5	1	3	Cc	15.2	21.2	32	00	7	20	1	0	0	—	19.4	—	9.3	21	+1	5	-1	72	0	11	14	139
ALMAZA	01	8	20	5	0	2	Sc	15.4	20.3	42	01	7	18	3	0	1	Sc	19.1	—	11.8	20	—	9	—	63	0	2	—	141
EZBEKIYA	01	8	20	1	0	4	Cu	15.0	21.0	27	01	6	20	2	0	1	Cs	19.6	+0.4	10.2	22	+3	9	+2	65	0	4	13	—
GIZA	01	8	24	2	0	3	Cu	14.8	22.0	28	00	6	14	2	0	0	—	19.9	+0.1	9.9	23	+4	5	-1	68	0	3	14	—
HELWAN	01	9	22	4	0	2	Cu	14.8	19.1	23	00	7	10	1	0	0	—	20.0	+0.7	11.0	20	+1	8	0	53	0	9	14	143
SUEZ	00	9	20	2	0	0	—	14.6	21.7	26	00	8	00	0	0	0	—	19.5	+1.1	10.1	22	+3	7	-3	69	0	14	10	144
FAIYUM	01	8	26	3	0	3	Cu	16.2	20.6	28	09	5	10	1	0	0	—	19.8	+0.5	10.3	22	+2	4	-2	59	0	dr	5	153
MINYA	00	8	28	3	0	0	—	16.4	21.0	34	00	5	02	1	0	0	—	20.3	+0.7	10.2	22	+2	6	0	70	0	2	—	154
ASYUT	01	8	24	3	0	3	As	17.2	20.0	40	00	6	04	3	0	0	—	20.7	+0.5	9.2	20	0	6	0	78	0	2	3	155
QENA	02	8	26	2	2	5	Ac	15.8	21.9	50	01	8	28	1	1	4	Ac	19.8	+0.9	9.6	24	+1	5	-2	70	0	dr	—	156
LUXOR	02	7	30	4	2	5	Cu	15.8	20.8	42	02	7	30	2	1	5	Cu	19.6	—	9.5	22	—	5	—	74	0	dr	—	157
ASWAN	02	7	32	2	1	5	Cc	14.4	21.6	18	02	7	00	0	2	5	Ca	18.7	-0.2	10.6	23	-1	9	0	49	0	1	—	158
SIWA	00	7	26	2	0	0	—	—	20.0	47	00	7	00	0	0	0	—	—	—	9.0	20	+1	3	-1	73	0	dr	6	148
BAHARIYA	00	9	24	1	0	0	—	17.4	19.0	42	00	9	00	0	0	0	—	20.3	—	8.0	19	—	2	—	59	0	0	—	149
KHARGA	00	8	32	2	0	0	—	16.2	21.3	40	01	8	00	0	1	4	Ci	20.7	+1.3	8.1	22	-1	5	-1	71	0	dr	6	151
DAKHLA	01	7	30	2	1	4	Ci	17.8	19.0	48	05	4	00	0	1	3	—	21.5	+1.4	6.9	20	-2	2	-3	74	0	dr	—	152
TOR	01	6	28	6	0	1	Ci	14.3	20.8	57	01	6	32	3	0	1	Ci	17.9	-0.4	11.0	21	0	8	-1	69	0	19	9	145
HURGHADA											01	9	30	3	1	3	Ci	17.9	-0.1	16.8	22	0	8	-2	42	0	1	—	146
QUSEIR	01	7	30	2	1	1	Ci	14.8	20.4	45	01	7	26	2	0	1	Ci	19.1	+1.4	17.3	22	-1	13	-1	40	0	6	6	147
PORT SUDAN	02	—	03	2	1	5	—	10	28	65																		98	169
WADI HALFA	01	7	04	2	0	2	—	15.1	25	26	02	8	32	1	1	5	Ci	19.5	+0.5	9.8	27	+3	7	-1	50	—	—	—	165
KAREIMA	02	7	25	3	0	4	—	12.1	27	22	01	8	28	3	0	4	Ci	16.7	0.0	14.2	28	-2	11	-1	28	0	0	1	166
ATBARA	01	—	02	2	0	4	—	10	30	35	00	—	32	3	0	0	—	13.5	-1.3	19.7	30	0	16	+2	29	0	6	1	167
KHARTUM	05	7	32	2	0	0	—	7.9	32	19	01	8	30	2	0	4	Ci	14.5	+0.5	17.0	32	0	15	0	43	0	dr	5	168
KASSALA	00	8	04	2	0	0	—	3.6	36	20	00	8	02	3	0	0	—	11.1	-1.4	19.0	36	+2	15	-1	63	0	dr	11	170
WAD MEDANI	05	—	02	4	0	—	—	6	34	10	00	—	32	4	0	0	—	12.2	-1.2	19.6	34	0	12	-3	28	0	2	13	171
DUEIM	01	—	—	3	0	4	—	8	33	35	00	—	—	4	0	0	—	12.7	-0.7	19.4	33	0	15	+1	38	0	14	12	173
RENK	00	7	28	3	0	0	—	5.2	30	30																			182
ROSEIRES	01	—	26	1	0	4	—	3	36	15	00	—	32	1	0	0	—	9.0	-2.7	22.0	38	+2	17	+1	52	0	27	37	172
EL OBEID	00	8	04	2	0	0	—	6.9	32	30	00	8	32	3	0	0	—	14.7	-1.1	15.0	31	+1	13	+2	—	0	8	19	174
EL FASHER	02	—	04	1	0	5	—	—	31	25	00	—	04	3	0	0	—	—	—	13.4	31	0	11	+1	45	0	0	8	175
GENEINA	01	8	08	3	0	3	As	—	29	14	02	8	06	2	0	5	Ac	—	—	14.8	33	—	12	—	30	0	dr	—	179
KADUGLI																													187
MALAKAL	00	8	02	3	1	0	—	4.9	34	13	00	8	02	4	0	0	—	10.7	-0.7	22.7	36	0	20	+2	20	0	83	93	176
WAU	01	—	24	2	0	4	—	5	34	25	00	—	28	1	0	0	—	9.2	-1.6	21.7	35	-1	18	0	48	0	103	147	177
JUBA	05	7	03	2	0	4	CuAc	4.5	36	20	02	8	14	1	0	5	Sc	9.9	-0.5	26.1	37	-1	22	+2	62	0	231	142	178

UPPER WINDS (الرياح العليا)

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

SALUM 7h	MATRUH 7h	DIKHEILA	CAIRO 8h 30m	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 5h	KHARTUM 7h	KASSALA 6h	EL OBEID 4h	MALAKAL 4h	JUBA 6h	Salum 22nd 13h
.29.—	02.27.25		02.19.15	02.15.15	05.01.20	02.35.10	03.03.25	06.36.30	06.01.25	16.05.15	07.36.30	06.01.70	06.29.10	02.26.35
.24.—	05.26.30		05.26.20	05.21.15	10.35.20	05.01.45	06.03.45	10.35.30	10.02.30	10.04.30	10.03.35	10.01.70	10.34.05	05.26.—
10.23.25	09.25.30		10.27.30	08.26.20	15.34.15	10.03.30	10.02.45	15.34.20	15.03.25	15.05.25	15.03.25	15.05.20	11.03.05	10.27.25
15.24.25			15.29.10	10.29.20	20.20.05	15.06.05	15.05.10	20.34.15	20.33.20	20.02.20	20.31.15	20.05.30	15.00.00	15.27.35
20.26.30			20.24.30	15.31.15		20.16.05	20.25.20		30.24.15	30.36.15		30.07.25		
25.26.35			25.27.20	20.24.20			30.26.35		40.22.15			40.17.25		
30.25.30			30.27.40	23.26.15			40.26.55		50.29.15					
35.26.40			Tail	25.28.15			45.26.65							
40.25.40				30.27.20										
45.25.55				40.27.45										

Forecast for 24 hours from noon on 23rd

Winds between south and west, moderate to fresh on the coast, moderate inland.
Clear or occasional low cloud.
Possibility of rain on the coast in the west tomorrow.
Temperature remaining slightly above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٣
رياح بين جنوبية وغربية تكون بين المعتدلة والنشيطة على الساحل ومعتدلة في الداخل
يظهر بعض السحاب المنخفض أحيانا
يحتمل تساقط مطر على الجهة الغربية من الساحل باكر
وستظل درجة الحرارة فوق المعدل قليلا

STATION	Mean of day: Humidity % on 22nd	Diff. from normal	Wet Bulb Temp °C on 22nd	Diff. from normal
Alexandria	58	-8	11.1	+0.4
Ezbekiya	48	-19	9.7	-0.5
Giza	59	-11	9.8	-0.3
Helwan	43	-13	8.5	-0.5

Giza Grass minimum 23rd 1.9 °C

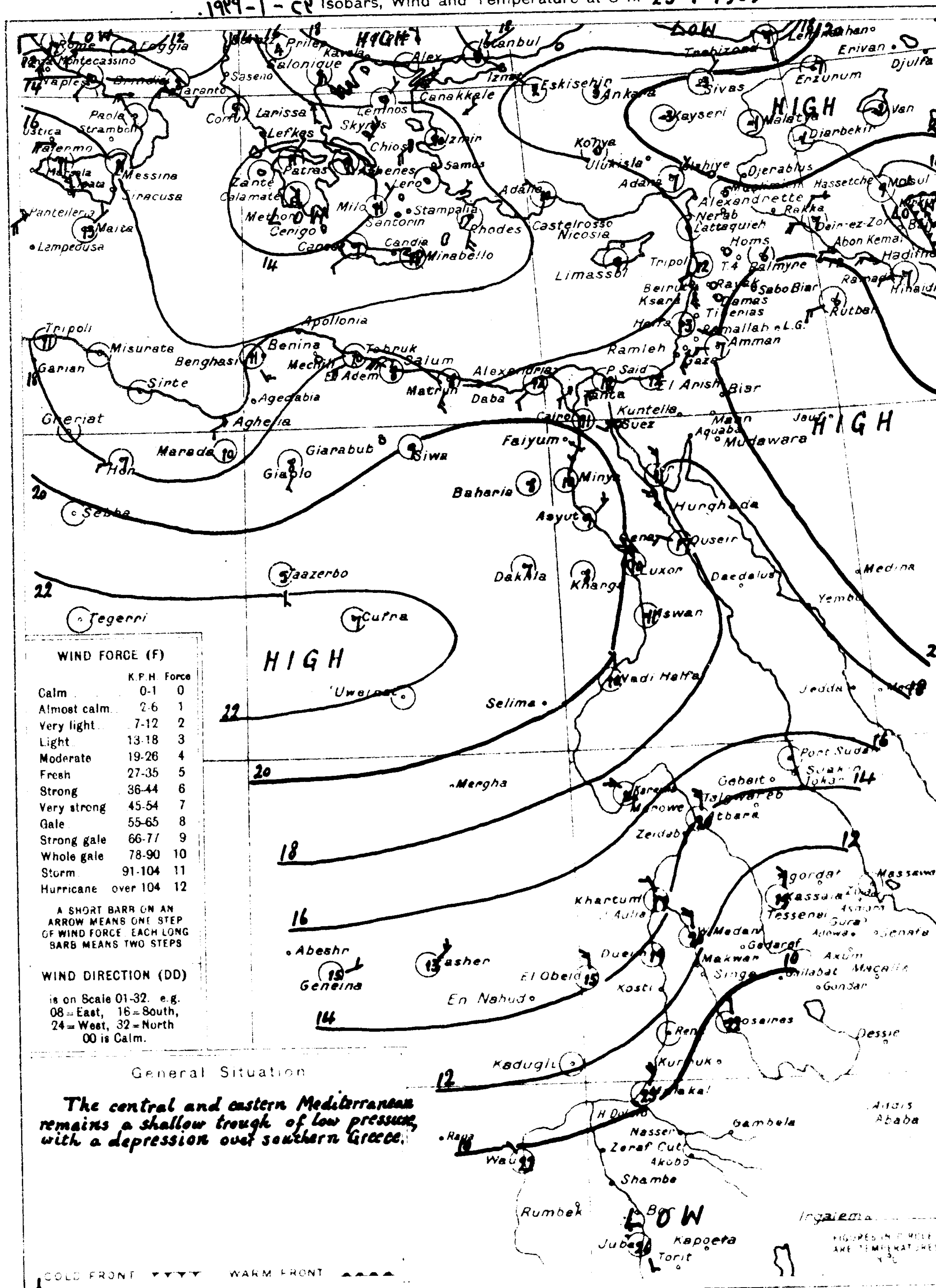
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
23-1	1330	1107
22-1	1215	1108

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	23.1	13.42	+0.04	13.44	+0.06
Nasser	21.1	8.53	+2.43	8.68	+2.54
Malakal	23.1	12.47	+1.45	12.49	+1.43
Roseires	23.1	12.68	+0.68	12.70	+0.69
Sennar Res	22.1	20.74	—	20.71	—
J. Aulia U S	23.1	375.01	—	375.03	—
J. Aulia D S	23.1	372.15	+0.36	372.15	+0.34
Khartum	23.1	11.23	+0.42	11.24	+0.39
Khashm el Girba					
Attara	23.1	10.89	+0.34	10.90	+0.34
Kajnarti	22.1	134.10	+0.40	134.12	+0.40
Aswan Res	23.1	120.97	—	120.95	—
Aswan D S	23.1	86.59	+0.35	86.42	+0.20
Roda (Cairo)	23.1	14.77	+0.04	14.77	+0.04

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 23-1-1939. ١٩٣٩-١-٢٣



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

General Situation

The central and eastern Mediterranean remains a shallow trough of low pressure, with a depression over southern Greece.

At 8 h. on 23rd — الساعة ٨ يوم ٢٣

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb	Maximum Yesterday	Diff. from norm.	Minimum Today	Diff. from norm.	Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	02	6	00	0	2	5	—	17.0	-0.2	9	—	—	—	—	—	8	316	274
Haifa	03	—	10	2	—	7	—	18.6	+2.6	13.4	16	-2	10	+2	80	19	368	457
Gaza	01	8	24	1	0	3	Cu	19.0	+2.4	10	—	—	8	0	60	—	—	240
" " 22nd	02	8	28	3	4	4	Cu	15.6	-1.0	11	—	—	—	—	60	—	—	237

SHIPS

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

ANNUAL SUBSCRIPTION INLAND POST P.T. ... ABROAD P.T. 150

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. ... in last hour	41
Thick	47
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	84, 85
" of Sleet	86, 87
" of Hail	88, 89
Thunderstorm	90-99

PAST WEATHER (W)

Clear ... 0; Variable sky 1; Mainly overcast 2; Sandstorm ... 3; Fog, thick ... 4; Drizzle; Rain; Snow ...; Showers; Thunderstorm

VISIBILITY (V)

Objects not visible at 50 metres; 200 1; 500 2; 1 Kilometre; 2; 4; 10 6; 20 7; ...; Visible over 50 kms

CLOUD AMOUNT (N)

Clear; Trace; ...; Overcast; Fog or ...

CLOUD FORM (C)

Cirrus; Cirro-cumulus; Cirro-stratus; Alto-stratus; Alto-cumulus A; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

CAIRO
Time of Sunrise 06 h 49 m
" " Sunset 17 h 25 m

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

DAILY WEATHER REPORT

Month JANUARY 1939 — شهر يناير ١٩٣٩

Region	STATION	14h 23rd ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Tuesday 24th ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max Yesterday MM	Diff. from norm.	Min Today mm	Diff. from norm.	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	SALUM	02	7	18	4	2	5	As	17.0	16.7	45	00	7	18	4	6	0	—	155	-3.1	11.1	18	—	8	—	64	dr.	46	—	130
	MATRUH	02	7	22	4	2	5	As	—	19.9	45	00	7	18	4	0	0	—	14.3	-4.1	8.8	20	+2	9	+1	98	0	68	106	131
	DIKHEILA	01	8	22	4	0	2	Ci	17.9	19.2	38	01	8	16	3	1	3	Sc	16.3	—	12.0	19	—	10	—	44	0	61	—	150
	ALEXANDRIA	00	9	22	4	0	0	—	17.1	18.7	48	00	9	20	3	0	0	—	15.8	-3.0	13.8	20	+1	11	+1	46	0	135	134	132
	DAMIETTA											02	7	20	2	2	5	Ac	16.2	—	12.0	20	—	8	—	64	0	41	64	159
	PORT SAID	00	7	20	3	0	0	—	17.2	20.0	47	01	7	18	2	1	3	Ac	16.4	-0.7	13.1	21	+2	9	-2	71	0	27	46	134
	EL 'ARISH	00	7	28	1	0	0	—	17.0	17.3	66	03	7	00	0	1	6	Cb	17.9	—	9.8	20	—	8	—	76	0	71	47	135
[illegible]PT	DAMANHUR											00	6	20	3	0	0	—	16.2	-2.0	9.8	20	0	10	+3	66	0	13	58	136
	[illegible]URA											01	7	20	1	1	3	Sc	16.3	—	9.6	21	+1	7	0	66	0	24	26	137
	[illegible]A	00	7	22	2	0	0	—	17.5	21.5	39	00	7	20	2	1	0	—	16.6	-2.3	11.5	22	+2	6	-1	64	0	15	21	138
	[illegible]IG	00	8	20	2	0	0	—	17.6	21.2	46	00	8	18	1	0	0	—	17.2	—	10.4	21	+1	6	0	69	0	11	14	139
MIDDLE EGYPT, CAIRO	ALMAZA	00	8	22	3	0	0	—	17.9	20.3	46	01	8	16	3	0	2	St	17.4	—	12.6	21	—	9	—	59	0	2	—	141
	EZBEKIYA	00	9	00	0	0	0	—	17.8	21.3	34	01	6	18	2	1	3	St	17.4	-1.8	11.4	23	+4	9	+2	58	0	4	13	—
	GIZA	00	6	12	2	0	0	—	17.5	21.3	36	01	6	14	3	0	3	As	17.8	-1.9	11.7	24	+5	5	-1	60	0	3	14	—
	HELWAN	00	8	22	1	0	0	—	17.5	18.4	35	05	6	10	2	0	0	—	17.9	-1.4	11.9	20	+1	8	0	46	0	9	14	143
	SUEZ	00	9	16	1	0	0	—	17.4	21.4	42	01	8	00	0	1	2	Cu	17.5	-0.9	10.1	22	+3	7	-3	65	0	14	10	144
UPPER EGYPT	FAIYUM																												5	153
	MINYA	00	7	30	2	0	0	—	17.9	18.9	41	00	6	26	1	0	0	—	19.1	-0.5	10.0	20	0	6	0	66	0	2	—	154
	ASYUT	00	8	28	3	0	0	—	18.2	19.8	38	00	7	10	2	0	0	—	19.5	-0.7	9.0	22	+2	6	0	76	0	2	3	155
	QENA	01	8	20	1	1	3	Cs	16.7	22.8	39	01	8	26	2	1	4	Ac	18.4	-0.5	9.7	24	+1	7	0	75	0	dr.	—	156
	LUXOR	01	7	02	3	1	3	Sc	16.0	22.3	40	02	7	26	2	2	5	Sc	18.4	—	9.1	23	—	3	—	73	0	dr.	—	157
	ASWAN	01	7	30	2	2	5	Cc	15.6	21.6	25	02	7	00	0	2	5	Cc	18.3	-0.6	11.3	23	-1	7	-2	41	0	1		158
WESTERN DESERT	SIWA	00	7	26	1	0	0	—	—	21.1	48	00	7	00	0	0	0	—	—	—	10.0	22	+2	4	0	73	0	dr.	6	143
	BAHARIYA	00	9	00	0	0	0	—	17.5	21.0	27	00	9	00	0	0	0	—	18.7	—	8.0	21	—	2	—	59	0	0	—	149
	KHARGA	00	8	32	2	0	0	—	18.4	20.3	44	00	8	32	1	0	0	—	19.6	+0.3	8.0	20	-3	5	-1	69	0	dr.	tr.	151
	DAKHLA	01	7	30	1	1	3	Ci	18.2	19.9	47	05	5	00	0	1	3	Ci	20.6	+0.5	6.3	22	0	2	-3	68	0	dr.	—	152
RED SEA	TOR	00	6	28	5	0	1	Ci	16.2	20.0	65	00	6	32	3	0	1	Cc	16.6	-1.4	11.5	22	+1	8	-1	70	0	19	9	145
	HURGHADA											01	9	28	3	1	4	Ci	16.3	-1.7	15.3	21	-1	10	0	49	0	1	—	146
	QUSEIR	01	7	02	2	0	1	Ci	17.0	20.5	52	01	7	24	1	1	4	Ac	16.3	-1.4	17.3	23	0	13	-1	50	0	tr.	6	147
	PORT SUDAN	02	—	04	5	2	5	—	10	25	65	02	—	32	2	2	5	—	14.4	-1.2	23.6	25	-2	22	+3	69	0	71	77	169
NORTH SUDAN	WADI HALFA	01	8	02	3	1	4	—	16.0	22	14	02	8	32	2	1	5	Cs	19.7	+0.8	16.2	23	-1	8	0	50	0	—	—	165
	KAREIMA	01	8	04	1	1	3	—	12.0	27	11	00	8	28	3	0	2	Ci	17.5	+0.9	15.0	28	-2	12	0	21	0	0	1	166
	ATBARA	02	—	02	1	0	5	—	7	31	10	00	—	30	2	0	0	—	14.4	-0.4	20.5	31	+1	17	+3	37	0	6	1	167
	KHARTUM	00	9	02	4	0	0	—	7.5	32	15	00	8	32	3	0	0	—	13.7	-0.3	18.6	33	+1	17	+2	30	0	dr.	5	168
	KASSALA	00	8	32	3	0	0	—	4.6	35	28	00	8	16	1	0	0	—	10.4	-2.1	21.7	36	+2	18	+2	58	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	02	3	0	4	—	4	30	10	00	—	32	4	0	0	—	13.1	-0.2	20.2	35	+1	15	0	46	0	2	13	171
	DUEIM	02	—	30	3	0	5	—	4	32	10	00	—	—	4	0	0	—	12.7	-0.7	21.0	33	0	16	+2	28	0	14	12	173
	RENK	00	7	08	3	0	0	—	7.8	32	27									—			—		—					182
	ROSEIRES	01	—	30	1	0	4	—	6	36	10	00	—	26	1	0	0	—	9.4	-2.3	22.6	38	+2	17	+1	41	0	27	37	172
	EL OBEID	00	8	04	1	0	0	—	8.4	29	10	00	8	30	2	0	0	—	15.1	-0.7	15.4	30	0	13	+2	—	0	8	19	174
	EL FASHER											00	—	06	2	0	0	—	—	—	14.1	32	+1	10	0	25	0	0	8	175
	GENEINA	02	8	08	1	1	6	As	—	31	17																		—	179
	KADUGLI	00	8	04	4	0	1	—	6.0	34	31																			187
S. SUDAN	MALAKAL	00	8	04	4	0	0	—	5.0	35	16	01	8	02	4	1	3	Cc, Ac	11.5	+0.1	23.8	35	-1	19	+1	22	0	83	93	176
	WAU	01	—	04	2	0	4	—	4	36	10	00	—	16	1	0	0	—	10.0	-0.8	21.0	37	+1	18	0	61	0	103	147	177
	JUBA	01	8	02	1	0	4	Cu	3.6	37	22	01	8	30	1	0	4	Cu	10.8	+0.4	24.6	38	0	20	0	47	0	231	142	178

At 14 h. on 23rd — الساعة ١٤ يوم ٢٣ — At 8 h. on TUESDAY 24th — الساعة ٨ يوم الثلاثاء ٢٤

UPPER WINDS — الرياح العليا

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	CAIRO 8 h 30 m.	HELWAN 8 h 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 02 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	Salum 23rd 13 h.
02.20.25	02.23.40		02.19.25	02.15.20	05.30.20	02.35.10	03.01.20	06.03.40	06.35.35	06.13.05	07.01.25	06.02.55	06.34.05	02.25.30
05.25.—	05.22.35		05.21.20	05.19.15	10.31.20	05.35.30	06.36.40	10.02.30	10.03.30	10.09.15	10.03.35	10.03.40		05.25.45
10.25.35	10.23.35			08.25.30	15.30.35	10.33.25	10.35.20	15.01.35	15.02.05	15.08.30	15.04.15	15.04.30		10.25.25
15.25.35				10.27.30		15.28.30	15.34.35	20.03.20	20.31.15	20.06.15	20.09.10	20.10.16		15.26.20
20.27.30				15.27.35			20.27.25		30.28.35			30.16.25		20.24.30
25.25.35				20.28.35			30.25.55		40.26.45			40.10.30		25.23.45
30.26.50				23.29.30			35.25.65		50.25.20			43.11.35		30.21.35
				25.30.35					60.15.30					
				29.29.25					70.17.40					
									78.20.35					

Forecast for 24 hours from noon on 24th

On the coast fresh winds between south and west, strengthening.
Inland moderate to fresh southerly winds.
Mainly clear.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٤
على الساحل رياح نسيمية بين جنوبية وغربية ثم تشتد
وفي الداخل رياح جنوبية بين المعتدلة والنسيمية
السماء صحو على العموم
ولا تغيير درجة الحرارة إلا قليلا

STATION	Mean of day Humidity % on 23rd	Diff. from normal	Wet Bulb Temp °C on 23rd	Diff. from normal
Alexandria	53	-13	10.8	+0.1
Ezbekiya	57	-10	10.1	-0.1
Giza	63	-7	10.0	-0.1
Helwan	42	-14	9.2	+0.2

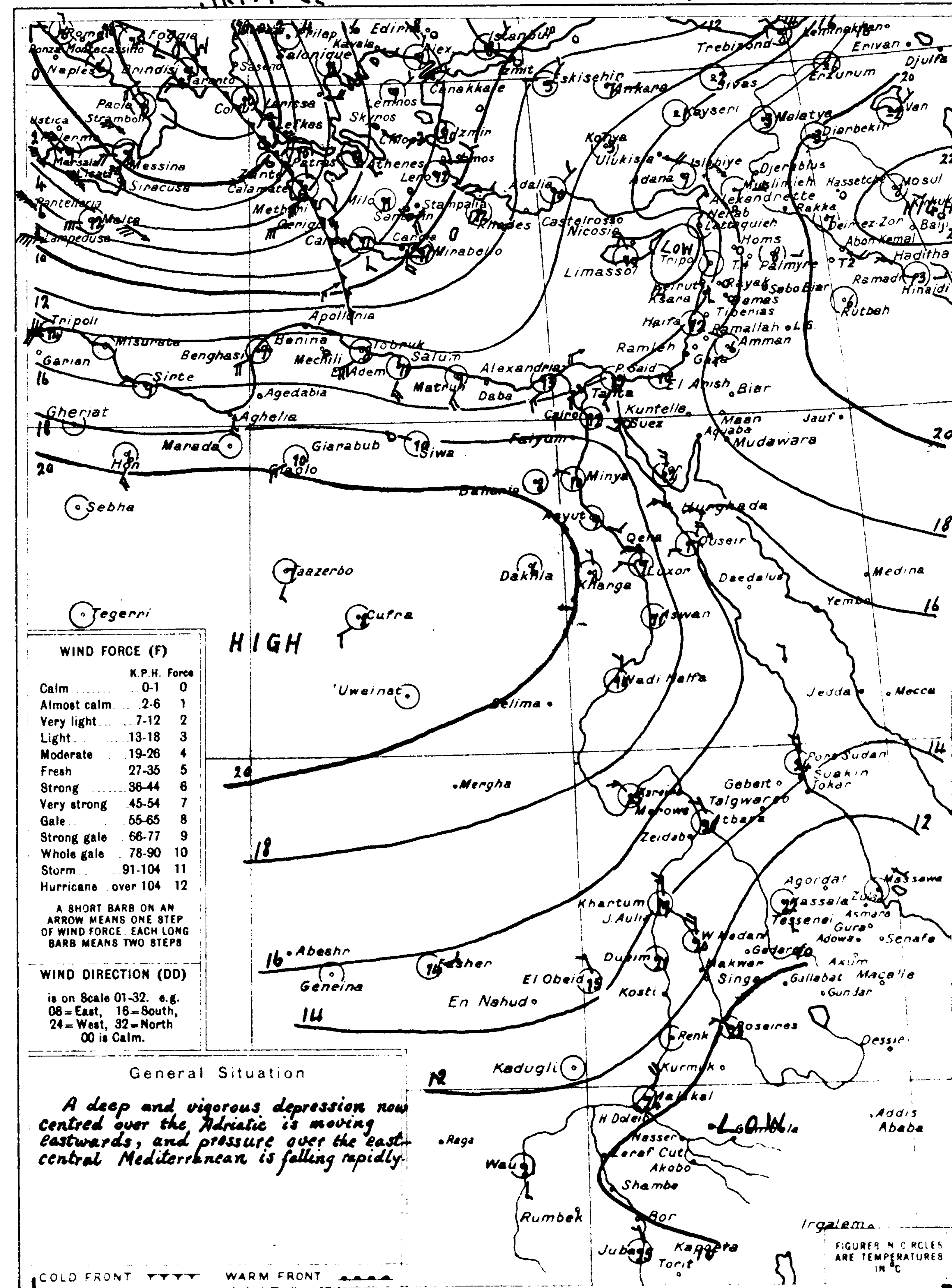
Giza Grass minimum on 24th 1.4 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
24-1	1330	1108
23-1	1330	1107

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	23-1	13.42	+0.04	13.44	+0.06
Nasser	23-1	8.22	+2.24	8.39	+2.35
Malakal	24-1	12.43	+1.44	12.47	+1.45
Roseires	24-1	12.66	+0.68	12.68	+0.68
Sennar Res	23-1	20.72	—	20.74	—
J. Aulia U S	24-1	375.03	—	375.01	—
J. Aulia D S	24-1	372.14	+0.37	372.15	+0.36
Khartum	24-1	11.22	+0.44	11.23	+0.42
Kh. el Girba					
Atbara	24-1	10.89	+0.36	10.89	+0.34
Kajnarti	23-1	134.06	+0.38	134.10	+0.40
Aswan Res	24-1	120.99	—	120.97	—
Aswan D.S.	24-1	86.59	+0.33	86.59	+0.35
Roda (Cairo)	24-1	14.75	+0.03	14.77	+0.04

٢٤-١-١٩٣٩ Isobars, Wind and Temperature at 8 h. 24-1-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A deep and vigorous depression now centred over the Adriatic is moving eastwards, and pressure over the east-central Mediterranean is falling rapidly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 — Kms 200 0 200 400 600 Kms

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb	Max Yesterday	Diff.	Min Today	Diff.	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	60	5	30	2	6	8	—	14.2	-3.0	10	—	—	—	—	—	16	332	278
Haifa	03	—	10	1	—	10	—	16.8	+0.8	11.5	17	-1	9	+1	77	18	386	463

At 8 h on 24th — الساعة ٨ يوم ٢٤

SHIPS — سفن

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h. 48 m.
" " Sunset 17 h. 26 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY, 1939 ١٩٣٩ شهر يناير

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

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN																													
SALUM	02	7	22	6	1	5	As	13.1	18.0	49	00	6	20	6	6	0	—	11.0	-7.6	8.2	19	—	8	—	85	1	47	—	130
MATRUH	00	7	20	4	0	0	—	12.2	19.9	54	02	7	18	4	2	5	Cb	9.6	-8.8	11.7	20	+2	10	+2	83	dr	68	108	131
DIKHEILA	05	7	22	5	0	1	Ci	14.4	20.3	33	02	8	18	4	1	4	Ac	11.6	—	13.3	22	—	11	—	44	0	61	—	150
ALEXANDRIA	00	9	20	5	0	0	—	13.4	21.0	36	02	9	18	6	2	4	Ac	10.7	-8.1	13.2	21	+2	12	+2	54	0	135	136	132
DAMIETTA											01	8	20	3	1	4	Ac	12.2	—	12.0	21	—	10	—	56	0	41	65	159
PORT SAID	00	7	20	4	1	0	—	14.4	20.6	44	01	7	18	5	1	3	Ac	12.7	-4.4	13.0	22	+3	11	0	61	0	27	47	134
EL ARISH	00	7	30	2	1	0	—	16.7	19.2	48	01	6	16	2	1	2	Cu	13.5	—	13.9	21	—	9	—	48	0	71	48	135
LOWER EGYPT																													
DAMANHUR											01	6	20	3	1	1	Cu	11.8	-6.3	11.8	22	+2	7	0	74	0	13	59	136
MANSURA											01	7	14	1	1	3	Sc	12.3	—	9.7	22	+2	8	+1	60	0	24	27	137
TANTA	00	7	22	3	0	0	—	13.6	23.0	34	00	7	20	3	1	0	—	12.6	-6.2	12.0	23	+3	9	+2	65	0	15	21	138
ZAGAZIG	01	7	20	4	1	2	Cs	15.1	21.7	39	01	7	18	4	1	2	Ci	13.6	—	12.2	22	+2	8	+2	55	0	11	15	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	18	5	0	0	—	15.2	20.8	43	01	7	16	5	0	2	Sc	13.9	—	13.3	21	—	11	—	51	0	2	—	141
CAIRO EZBEKIYA	00	9	18	2	0	0	—	15.0	22.2	27	01	5	14	2	0	2	Cc	13.9	-5.2	10.1	23	+4	9	+2	57	0	4	14	—
CAIRO GIZA	00	9	18	1	0	0	—	15.0	22.1	25	01	7	16	3	0	1	Sc	14.2	-5.5	11.7	23	+4	8	+2	45	0	3	15	—
HELWAN	00	8	18	3	0	0	—	15.0	19.9	26	05	6	14	2	0	0	—	14.4	-4.9	9.2	21	+2	8	0	50	0	9	14	143
SUEZ	01	9	18	2	1	1	Cu	15.1	20.0	47	00	8	14	2	0	0	—	14.6	-3.8	15.0	21	+2	10	0	26	0	14	11	144
UPPER EGYPT																													
FAIYUM	00	8	22	2	0	0	—	15.8	22.5	24	00	7	18	2	0	0	—	15.1	-4.1	9.7	24	+4	6	0	54	0	dr	5	153
MINYA	00	9	26	3	0	0	—	16.3	22.9	32	00	6	16	3	0	0	—	16.2	-3.3	10.1	24	+4	8	+2	61	0	2	—	154
ASYUT	00	8	28	2	0	0	—	16.8	20.9	42	00	6	12	4	0	0	—	17.1	-3.1	8.0	22	+2	5	-1	75	0	2	3	155
QENA	00	8	26	3	1	0	—	16.0	21.9	42	00	8	04	1	0	0	—	17.8	-1.0	9.0	24	+1	4	-3	65	0	dr	—	156
LUXOR	01	7	32	3	0	1	Ci	12.6	22.4	—	00	7	22	2	0	0	—	17.6	—	7.4	24	—	3	—	76	0	dr	—	157
ASWAN	01	7	28	2	1	3	Ci	15.0	22.0	18	00	7	00	0	0	0	—	16.4	-2.4	8.4	23	-1	7	-3	50	0	1	—	158
WESTERN DESERT																													
SIWA	00	7	26	1	0	0	—	—	20.1	54	00	7	00	0	0	0	—	—	—	11.2	22	+2	8	+4	71	0	dr	6	148
BAHARIYA	00	9	24	2	0	0	—	16.4	22.0	22	00	9	00	0	0	0	—	15.9	—	10.2	23	—	5	—	48	0	0	—	149
KHARGA	00	8	32	1	0	0	—	18.2	20.5	45	00	8	28	1	0	0	—	18.4	-0.9	7.8	21	-2	4	-2	60	0	dr	Tr	151
DAKHLA	00	8	30	1	0	0	—	17.2	20.8	46	00	5	28	1	0	0	—	18.6	-1.5	5.0	23	+1	3	-2	69	0	dr	—	152
RED SEA																													
TOR	00	6	28	6	0	0	—	14.0	20.5	70	00	6	32	3	0	0	—	15.9	-2.0	11.1	22	+1	6	-3	64	0	19	10	145
HURGHADA											00	9	20	1	0	0	—	15.8	-2.1	15.6	22	0	8	-2	44	0	1	—	146
QUSEIR	01	7	02	2	0	1	Ci	15.5	20.2	50	01	7	24	1	0	1	Ci	16.6	-1.0	18.8	22	-1	13	-1	45	0	Tr	6	147
PORT SUDAN											03	—	32	4	1	7	—	14.0	-1.5	23.0	27	0	22	+3	65	dr	71	98	169
NORTH SUDAN																													
WADI HALFA											01	8	02	1	1	2	Ac	18.3	-0.6	8.6	23	-1	5	-3	48	—	—	—	165
KAREIMA											01	8	28	3	0	1	Ci	16.5	-0.1	13.8	29	-1	11	-1	28	0	0	1	166
ATBARA											00	—	30	3	0	0	—	14.0	-0.7	19.0	31	0	16	+2	23	0	6	1	167
KHARTUM											00	8	32	3	0	2	Ci	13.6	-0.4	17.4	33	+1	15	0	26	0	dr	5	168
KASSALA											00	8	10	2	0	0	—	10.4	-2.0	20.2	34	0	18	+2	64	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	02	3	0	0	—	12.6	-0.7	20.0	34	0	14	-1	29	0	2	13	171
DUEIM											00	—	—	3	0	0	—	12.3	-1.1	19.6	34	+1	17	+3	36	0	14	12	173
RENK																			—			—		—					182
ROSEIRES											00	—	30	1	0	0	—	8.2	-3.5	23.3	37	+1	18	+2	51	0	27	37	172
EL OBEID											00	8	32	2	0	0	—	13.9	-1.8	15.5	30	0	13	+2	—	0	8	19	174
EL FASHER											00	—	04	2	0	0	—	—	—	13.6	35	+4	10	0	26	0	0	8	175
GENEINA											01	8	32	2	0	4	Ac	—	—	14.0	35	—	12	—	26	0	dr	—	179
KADUGLI																													187
S. SUDAN																													
MALAKAL											01	8	04	4	1	4	Ac	10.3	-1.0	23.8	35	-1	21	+3	23	0	83	93	176
WAU											03	—	32	2	0	7	—	9.6	-1.1	22.0	37	+1	20	+2	25	0	103	147	177
JUBA											01	8	32	3	0	3	Ac	9.0	-1.4	27.0	38	0	21	+1	37	0	231	142	178

UPPER WINDS

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

SALUM 7h	MATRUH	DIKHEILA	CAIRO 8h 30m	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 5h	KHARTUM 6h	KASSALA 6h	EL OBEID 6h	MALAKAL 6h	JUBA 6h	Geneina 7h
02.26.35			02.20.50	02.19.25	05.20.20	05.05.25	03.03.25	06.03.45	06.36.15	06.11.10	07.02.35	06.02.60	06.02.15	10.04.40
05.27.—			05.22.55	05.21.50	10.23.20	10.03.30	06.02.35	10.40.50	10.04.30	10.08.15	10.04.45	10.03.70	10.35.25	15.07.25
10.27.85			10.24.50	08.22.45	15.27.35	15.27.05	10.02.30	15.06.40	15.03.20	15.05.20	15.20.10	15.05.45	15.28.20	20.23.15
15.27.60			15.23.55	10.22.58	20.25.25		15.02.15	20.36.20	20.30.25	20.02.15	20.15.05	20.06.35	20.24.20	30.22.15
20.27.45			20.25.70	15.23.65			20.32.05		30.29.30	30.33.05		30.03.35		40.22.05
							30.29.35		40.24.25			40.07.20		50.36.05
							32.29.30		50.27.10			42.07.25		60.29.10
														70.25.20
														75.26.20

Forecast for 24 hours from noon on 25th

On the coast strong southwest winds, at times of gale force, veering later to west or northwest.
Inland fresh to strong winds between south and west. Some low cloud, increasing.
Rain in the north probable.
Slightly cooler tomorrow, but temperature remaining above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٥
على السواحل رياح جنوبية غربية شديدة تصل أحيانا الى شدة العاصفة ثم تتحول الى غربية أو شمالية غربية فيما بعد. وفي الداخل رياح [illegible] بين جنوبية وغربية [illegible] سحاب منخفض [illegible] ثم يتكاثر [illegible] المطر محتمل في الشمال [illegible] وتهبط درجة الحرارة قليلا غدا ولكنها تستمر فوق المعدل

Mean of day

STATION	Humidity on 24th	Diff. from normal	Wet bulb temp. on 24th	Diff. from normal
Alexandria	51	-15	11.3	+0.6
Ezbekiya	46	-21	10.2	0.0
Giza	43	-27	9.7	-0.4
Helwan	34	-22	9.1	+0.1

Giza Grass minimum on 25th: 3.4°

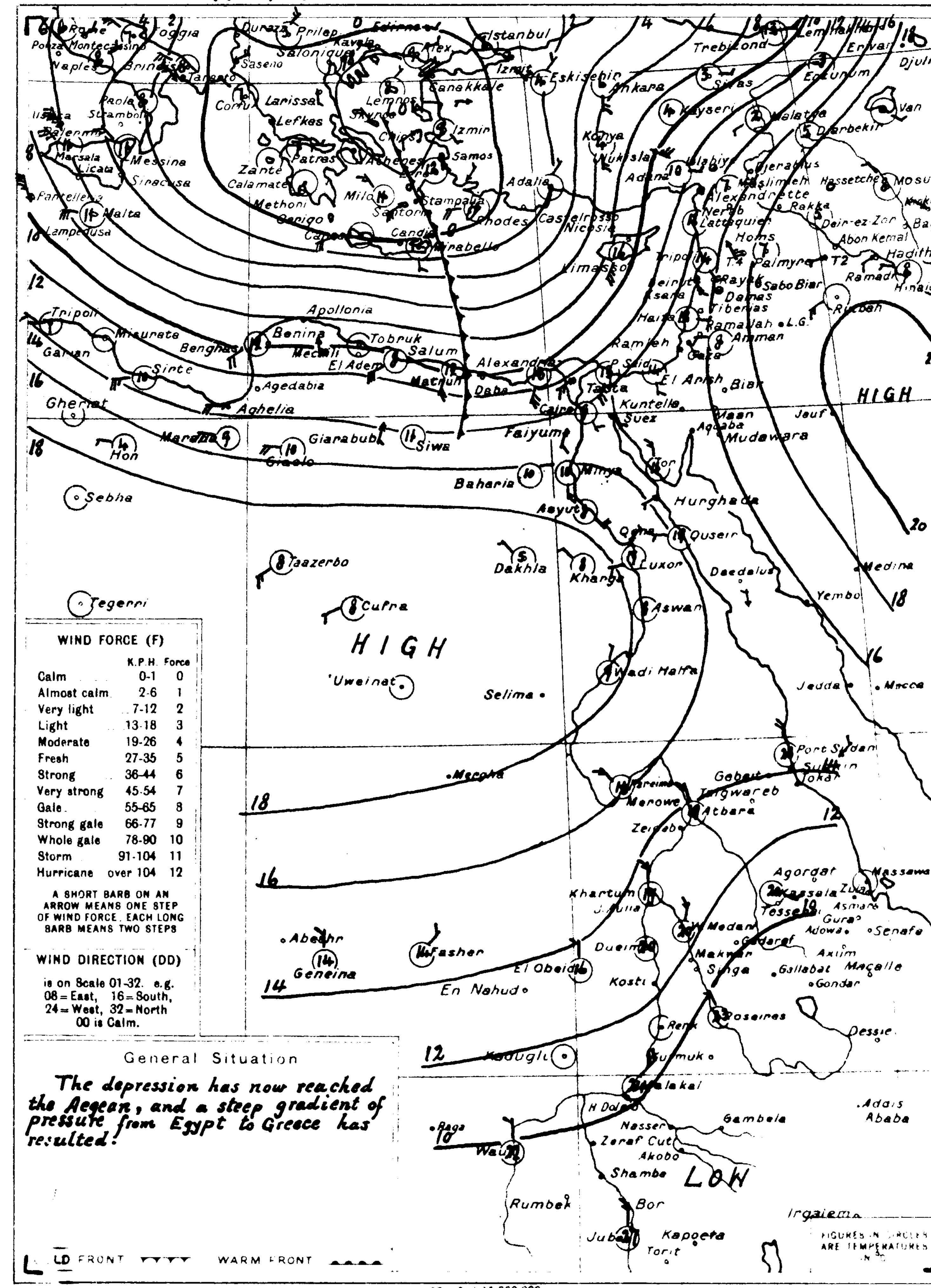
Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
25-1	1332	1108
24-1	1330	1108

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	25.1	13.43	+0.06	13.43	+0.06
Nasser	24.1	8.05	+2.12	8.22	+2.24
Malakal	25.1	12.40	+1.43	12.43	+1.44
Roseires	25.1	12.63	+0.67	12.66	+0.68
Sennar Res	24.1	20.71	—	20.72	—
J. Aulia U.S	24.1	375.03	—	375.01	—
J. Aulia D.S	24.1	372.14	+0.37	372.15	+0.36
Khartum	25.1	11.20	+0.45	11.22	+0.44
Kh. el Girba					
Atbara	25.1	10.88	+0.37	10.89	+0.36
Kajbar	24.1	134.00	+0.35	134.06	+0.38
Aswan Res	25.1	121.00	—	120.99	—
Aswan D.S	25.1	86.59	+0.32	86.57	+0.33
Roda (Cairo)	25.1	14.70	-0.01	14.75	+0.03

Printed by the Survey & Mines Dept. 1938 (38 554)

.١٩٣٩-١-٢٥ Isobars, Wind and Temperature at 8 h. 25-1-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The depression has now reached the Aegean, and a steep gradient of pressure from Egypt to Greece has resulted.

At 8 h. on 25th

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	60	5	18	5	6	8	—	8.7	-8.5	16	—	—	—	—	—	8	340	281
Haifa	03	—	08	1	—	7	—	13.8	-2.1	12.3	18	0	9	+1	65	0	386	470
Gaza 24th	02	7	24	2	1	5	Ac	17.1	+0.5	9	—	—	6	-2	75	—	—	243
Faiyum "	09	5	20	1	0	0	—	18.0	-1.3	11.0	23	+3	4	-2	53	0	dr	5

SHIPS:
43353 23407 22660 96713 36908 85565 76600
43239 36307 32100 13823 30000 31800 33300
43193 38807 04202 15729 346X5 32125 44307

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h. 06 m. 48
" " Sunset 17 27

Sell in Feb.

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

DAILY WEATHER REPORT

Month JANUARY 1939 ١٩٣٩ شهر يناير

At 14 h. on 25th الساعة ١٤ يوم ٢٥ — At 8 h. on THURSDAY 26th الساعة ٨ يوم الخميس ٢٦

Region	Station	14h Present weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. press. M.S.L. 1000+ mbs. (PPP)	14h Temp. °C (TTT)	14h % Humidity (UU)	8h Present weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	8h M.S.L. 1000+ mbs (PPP)	8h Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
Mediterranean	SALUM	18	5	22	7	0	5	Sc	8.6	15.9	42	01	6	24	5	0	2	Sc	15.1	-3.5	6.9	17	—	5	—	90	0	47	—	130
	MATRUH	12	6	22	5	2	5	Cu	8.0	18.2	65	00	7	22	4	0	0	—	12.7	-5.7	10.2	19	+1	9	+1	96	0	68	109	131
	DIKHEILA	02	8	22	5	1	4	Ac	10.2	19.2	38	05	7	20	4	1	4	Cu	13.1	—	12.0	19	—	10	—	—	0	61	—	150
	ALEXANDRIA	02	9	20	5	2	5	Sc	9.1	18.5	49	02	9	22	5	2	4	Ac	12.3	-6.4	14.6	19	0	13	+3	80	0	135	137	132
	DAMIETTA											00	8	20	3	0	0	—	12.0	—	9.9	20	—	8	—	67	dr	41	66	159
	PORT SAÎD	02	7	20	5	1	4	Cu	9.8	20.7	51	00	7	18	6	1	0	—	12.3	-4.8	12.4	21	+2	11	0	68	dr	27	47	134
	EL 'ARISH	00	5	20	3	0	0	—	10.2	22.6	32	00	7	20	2	0	0	—	13.3	—	13.2	23	—	6	—	54	0	71	48	135
Lower Egypt	DAMANHUR											00	5	20	1	0	0	—	13.4	-4.6	9.2	20	0	8	+1	75	0	13	60	136
	MANSURA											00	8	18	2	0	0	—	13.1	—	9.5	21	+1	8	+1	61	0	24	27	137
	TANTA	02	7	22	6	1	5	Cu	9.9	21.0	41	00	7	22	4	0	0	—	13.9	-4.8	10.0	22	+2	7	0	62	0	15	21	138
	ZAGAZIG	02	8	20	6	1	4	Cu	10.2	20.4	47	00	7	20	2	0	0	—	14.6	—	10.7	21	+1	7	+1	60	0	11	15	139
Middle Egypt	CAIRO ALMAZA	02	7	20	6	1	4	Sc	11.4	20.6	49	05	6	18	3	0	0	—	14.8	—	11.3	21	—	9	—	53	0	2	—	141
	CAIRO EZBEKIYA	01	8	20	4	1	3	Cu	11.0	21.2	32	00	5	18	3	0	0	—	14.7	-4.4	11.2	22	+3	9	+2	49	0	4	14	—
	CAIRO GIZA	01	9	18	5	1	3	Sc	11.1	22.2	30	00	7	20	1	0	0	—	15.1	-4.6	11.9	23	+4	8	+2	49	0	3	15	—
	HELWAN	01	8	20	4	0	3	Cu	10.8	22.5	28	05	6	12	1	0	0	—	15.1	-4.1	9.8	21	+2	8	0	46	0	9	15	143
	SUEZ	00	9	14	3	0	0	—	11.1	20.2	51	00	6	16	1	0	0	—	14.7	-3.7	15.3	22	+2	12	+2	49	0	14	11	144
Upper Egypt	FAIYUM	01	8	18	2	0	3	Cu	11.1	23.1	28	00	6	14	2	0	0	—	15.4	-3.8	9.2	23	+3	7	+1	53	0	dr	5	153
	MINYA	00	8	26	4	0	0	—	12.4	22.8	31	00	5	30	1	0	0	—	17.1	-2.4	9.9	23	+3	6	0	63	0	2	—	154
	ASYUT	00	8	18	3	0	0	—	13.3	24.0	21	00	6	22	3	0	0	—	17.1	-3.1	11.0	25	+5	7	+1	54	0	2	3	155
	QENA	00	8	22	1	0	0	—	14.4	23.8	33	00	8	26	1	0	0	—	16.8	-2.0	10.0	25	+2	4	-3	72	0	dr	—	156
	LUXOR	00	7	14	2	0	0	—	13.5	24.3	32	00	7	10	2	0	0	—	16.2	—	7.3	25	—	4	—	74	0	dr	—	157
	ASWAN	01	7	30	11	1	3	Cu	13.3	22.4	21	00	7	00	0	0	0	—	15.9	-2.9	11.7	24	0	8	-2	47	0	1	—	158
Western Desert	SIWA	12	6	22	5	0	0	—	—	20.2	47	00	7	00	0	0	0	—	—	—	8.3	21	+1	5	+1	82	0	dr	6	148
	BAHARIYA	00	9	16	3	0	0	—	12.2	22.6	26	00	9	00	0	0	0	—	18.2	—	10.0	23	—	6	—	48	0	0	—	149
	KHARGA	00	8	32	2	0	0	—	15.9	24.3	33	00	8	32	1	0	0	—	18.0	-1.2	12.8	21	-2	6	0	57	0	dr	6	151
	DAKHLA	00	8	28	3	0	0	—	13.8	24.0	44	05	4	00	0	0	0	—	18.4	-1.6	10.8	25	+3	5	0	62	0	dr	—	152
Red Sea	TOR	00	6	02	2	0	0	—	11.8	23.2	47	00	6	32	2	0	0	—	13.4	-4.6	13.8	25	+4	10	+1	67	0	19	10	145
	HURGHADA											00	9	28	3	0	0	—	14.0	-3.8	16.8	23	+1	9	-1	39	0	1	—	146
	QUSEIR	00	7	08	2	0	0	—	13.9	21.5	50	00	7	24	2	0	0	—	14.7	-2.8	18.6	24	+1	15	+1	36	0	4	6	147
	PORT SUDAN	03	—	02	4	2	7	—	—	—	65	03	—	32	2	1	7	—	13.0	-2.5	23.0	25	-2	20	+1	64	0	71	98	169
North Sudan	WADI HALFA											01	8	00	0	0	1	Ac	17.6	-1.3	8.4	23	-2	4	-4	59	—	—	—	165
	KAREIMA											01	8	32	3	0	4	Ci	15.7	-0.9	14.2	28	-2	10	-2	28	0	0	1	166
	ATBARA	01	—	32	2	0	4	—	9	29	35	00	—	30	2	0	0	—	13.1	-1.6	18.3	29	-2	15	+1	19	0	6	1	167
	KHARTUM	01	8	32	3	0	4	—	6.6	33	30	00	8	02	3	0	0	—	11.7	-2.3	17.4	33	+1	14	-1	34	0	dr	5	168
	KASSALA	00	8	04	2	0	0	—	3.5	33	24	00	8	32	2	0	0	—	9.0	-3.4	20.2	36	+2	17	+1	64	0	dr	11	170
Central Sudan	WAD MEDANI											00	—	02	4	0	0	—	10.6	-2.7	20.9	34	0	15	0	26	0	2	13	171
	DUEIM	01	—	24	3	0	4	—	8	34	—	00	—	—	3	0	0	—	11.1	-2.2	20.0	33	0	16	+2	31	0	14	12	173
	RENK	00	7	28	3	0	0	—	4.2	35	32									—		—		—						182
	ROSEIRES	01	—	26	1	—	4	—	6	37	—	00	—	32	1	0	0	—	7.1	-4.6	23.6	38	+2	18	+2	49	0	27	37	172
	EL OBEID											00	8	30	1	0	0	—	12.4	-3.3	15.3	31	+1	13	+2	—	0	8	19	174
	EL FÂSHER											00	—	02	2	0	0	—	—	—	14.1	33	+2	9	-1	28	0	0	8	175
	GENEINA	01	8	04	1	0	3	—	—	33	12	02	8	06	2	0	5	Ac	—	—	13.6	36	—	12	—	28	0	dr	—	179
	KADUGLI	00	7	04	5	0	1	—	6.4	34	36																			187
S. Sudan	MALAKAL	00	8	32	4	1	0	—	3.9	34	19	00	8	02	5	0	3	Cs	9.1	-2.2	23.3	35	-1	20	+2	16	0	83	93	176
	WAU											00	—	04	1	0	0	—	7.6	-3.1	21.7	36	0	18	0	50	0	103	147	177
	JUBA											00	8	26	1	0	3	Ac	8.4	-2.0	25.0	37	-1	21	+1	54	0	231	142	178

UPPER WINDS

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 6 h.	Salum 25th 13 h.
02.27.30	02.28.35	02.26.40	02.24.40	02.18.10	05.34.25	05.04.05	03.02.15	06.36.30	06.36.15	06.05.15	07.02.30	06.02.55	06.18.05	02.25.50
05.28.—	05.29.40	05.27.35	05.27.45	05.27.30	10.30.40	10.01.15	06.02.35	10.36.30	10.02.55	10.03.15	10.03.45	10.03.70	10.00.00	05.25.55
06.30.30	10.29.30	06.28.35	10.27.35	08.27.40		15.35.35	10.02.35	15.36.25	15.05.20	15.01.15	15.06.10	15.04.45		10.25.55
15.29.40			15.28.35	10.26.35			15.01.30	20.35.20	20.28.10	20.34.10	20.06.10	20.07.30		15.25.50
20.30.25			18.29.25	15.27.35			20.33.30		30.32.55			30.08.15		Bel Cu
25.28.50				20.29.40			30.26.25		34.27.35			36.07.20		
30.29.75				23.29.40			40.27.45							
35.30.75							43.28.55							

Forecast for 24 hours from noon on 26th

On the coast fresh westerly winds.
Inland moderate to fresh southerly winds, veering to west.
Clear at first, occasional low cloud later.
Possibly light rain on the coast.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦
رياح نسبية غربية على السواحل
ورياح جنوبية بين معتدلة ونسبية في الداخل تتحول الى غربية
السماء صحو أولاً ثم يظهر بعض السحاب المنخفض فيما بعد
ويحتمل تساقط مطر خفيف على الساحل
وليس هناك تغير يذكر في درجة الحرارة

Station	Mean of day Humidity % on 25th	Diff. from normal	Wet bulb temp °C on 25th	Diff. from normal
Alexandria	50	-16	11.3	+0.5
Ezbekiya	45	-22	10.5	+0.3
Giza	39	-31	10.3	+0.2
Helwan	42	-14	9.2	+0.2

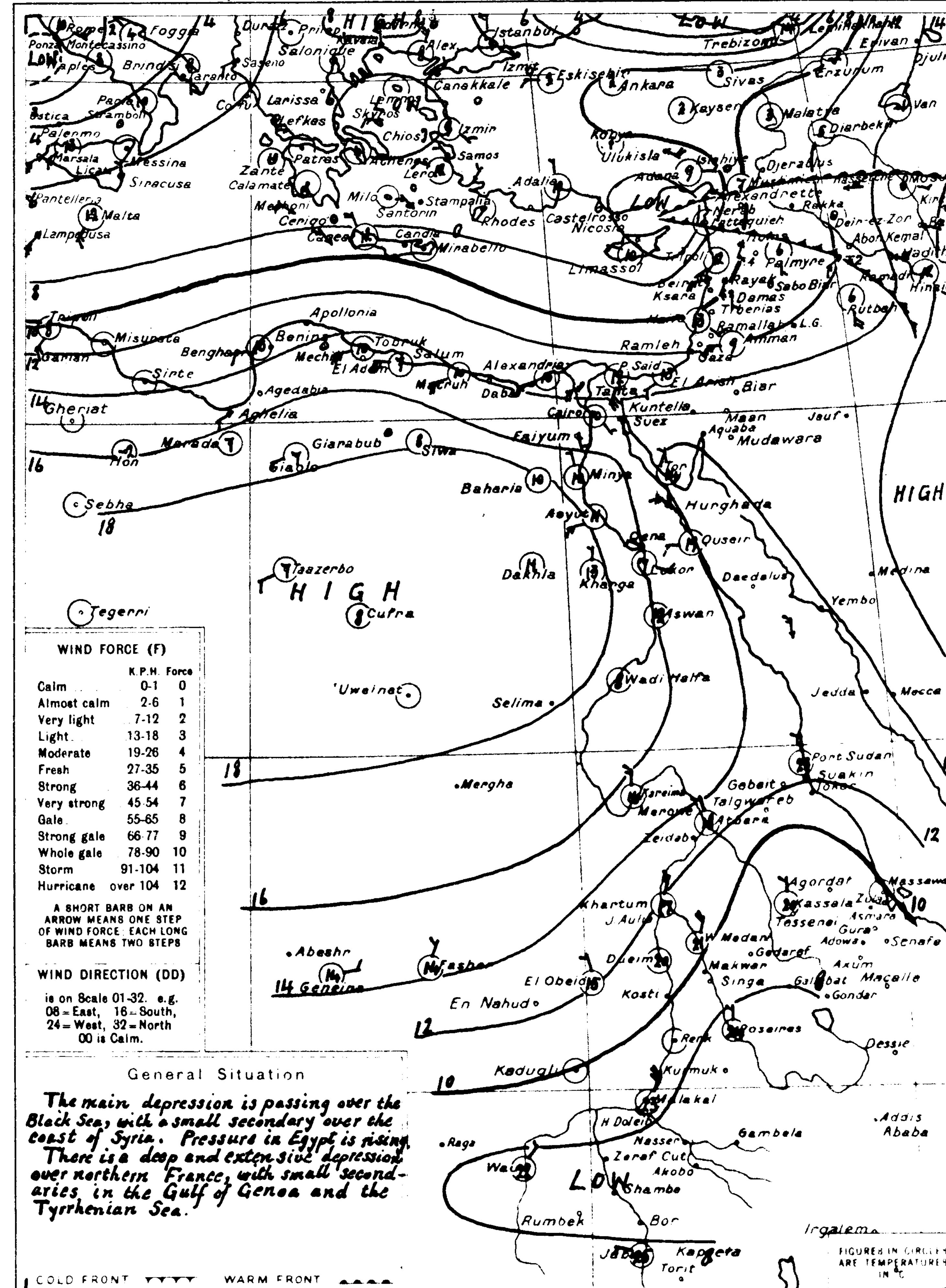
Giza Grass minimum on 26th 4.8 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
26-1	1319	1101
25-1	1332	1108

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	26.1	13.42	+0.05	13.43	+0.06
Nasser	25.1	7.86	+1.98	8.05	+2.12
Malakal	26.1	12.37	+1.42	12.40	+1.43
Roseires	26.1	12.61	+0.67	12.63	+0.67
Sennar Res	25.1	20.72	—	20.71	—
J. Aulia U.S	25.1	375.01	—	375.03	—
J. Aulia D.S	25.1	372.14	+0.39	372.14	+0.37
Khartum	25.1	11.20	+0.45	11.22	+0.44
Kh. el Girba					
Atbara	25.1	10.88	+0.37	10.89	+0.36
Kajnarti	25.1	133.97	+0.36	134.00	+0.35
Aswan Res	26.1	121.00	—	121.00	—
Aswan D.S.	26.1	86.56	+0.28	86.59	+0.32
Roda (Cairo)	26.1	14.70	-0.01	14.70	-0.01

Isobars, Wind and Temperature at 8 h. 26-1-1939. ١٩٣٩-١-٢٦



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The main depression is passing over the Black Sea, with a small secondary over the coast of Syria. Pressure in Egypt is rising. There is a deep and extensive depression over northern France, with small secondaries in the Gulf of Genoa and the Tyrrhenian Sea.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 — Kms 200 0 200 400 600 Kms

At 8 h. on 26th الساعة ٨ يوم ٢٦

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.
Limassol	20	6	26	1	6	4	—	6.2	-10.9	10	—	—	—	—	—	43	383	284
Haifa	03	—	10	2	—	8	—	11.6	-4.3	13.2	20	+2	11	-3	81	12	398	477

SHIPS سفن

53230 37007 32300 05722 30000 61800 85300
53354 22607 28302 08716 32214 45713 33007

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h. 47 m.
" " Sunset 17 h. 28 m.

fill in 8 h.

Month **JANUARY,** 1939 ١٩٣٩ شهر يناير

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

DAILY WEATHER REPORT

At 14 h. on 26th (الساعة ١٤ يوم ٢٦) — At 8 h. on FRIDAY 27th (الساعة ٨ يوم الجمعة ٢٧)

STATION	14h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	01	7	22	4	0	2	Cu	13.9	17.3	38	00	6	18	6	0	0	—	16.0	-2.6	10.7	18	—	6	—	40	0	47	—	130
MATRUH	02	7	28	3	1	4	Cu	—	16.6	87	00	7	18	4	0	0	—	15.5	-2.9	11.1	18	0	8	0	76	0	68	111	131
DIKHEILA	01	8	24	3	1	2	Sc	13.8	17.3	67	00	7	18	2	0	0	—	17.4	—	10.5	18	—	8	—	61	0	61	—	150
ALEXANDRIA	01	9	22	5	2	3	Cu	12.8	17.3	70	00	9	00	0	0	0	—	16.4	-2.3	12.2	18	-1	10	-1	68	0	135	139	132
DAMIETTA											00	7	20	2	0	0	—	16.2	—	9.6	19	—	7	—	73	0	41	67	159
PORT SAID	02	7	22	3	1	5	Ac	12.6	17.5	60	00	7	18	3	0	0	—	16.3	-0.8	12.8	19	0	11	0	72	0	27	48	134
EL 'ARISH	01	7	24	2	1	3	Cu	12.7	19.0	52	01	7	00	0	1	4	Cu	17.0	—	10.5	20	—	7	—	64	0	71	49	135
DAMANHUR											01	5	20	2	1	2	Cu	17.4	-0.5	8.3	20	0	7	0	74	0	13	61	136
MANSURA											00	8	18	2	0	0	—	16.6	—	7.5	20	0	5	-2	72	0	24	28	137
TANTA	00	7	24	5	0	0	—	12.6	20.0	52	00	7	22	3	0	0	—	17.9	-0.7	10.5	21	+1	6	-1	69	0	15	22	138
ZAGAZIG	01	8	20	3	1	2	Ci	13.5	20.9	47	00	7	20	1	0	0	—	18.0	—	9.4	21	+1	5	-1	72	0	11	15	139
ALMAZA	01	8	20	3	0	3	Cu	13.6	19.6	48	00	7	16	2	0	0	—	17.4	—	12.2	20	—	9	—	59	0	2	—	141
EZBEKIYA	01	9	12	1	0	3	Cu	13.6	21.0	35	00	6	14	3	0	0	—	17.9	-1.2	10.2	22	+2	8	+1	59	0	4	14	
GIZA	01	8	22	2	0	1	Cu	13.5	22.8	34	00	6	14	3	0	0	—	18.3	-1.3	10.4	24	+5	7	+1	59	0	3	15	
HELWAN	01	7	00	0	0	2	Cu	13.4	18.1	36	05	6	10	1	0	0	—	18.2	-1.0	10.9	19	0	7	-1	44	0	9	15	143
SUEZ	00	8	12	2	0	0	—	13.3	20.6	42	00	6	02	1	0	0	—	17.8	-0.5	10.3	21	+1	7	-3	73	0	14	11	144
FAIYUM	00	7	30	1	0	0	—	15.2	20.7	41	00	7	00	0	0	0	—	17.8	-1.4	9.5	23	+3	4	-2	57	0	dr	5	153
MINYA	00	7	30	2	0	0	—	14.6	18.8	37	00	6	04	1	0	0	—	18.3	-1.1	10.0	20	0	5	-1	62	0	2	—	154
ASYUT	00	7	22	3	0	0	—	15.2	18.8	37	00	6	10	2	0	0	—	19.2	-0.9	8.0	19	-1	5	-1	72	0	2	3	155
QENA	00	8	22	1	0	0	—	13.9	24.0	36	00	8	30	1	0	0	—	18.8	+0.1	9.2	26	+3	6	-1	63	0	dr	—	156
LUXOR	00	7	10	2	0	0	—	14.0	24.8	37	00	6	10	2	0	0	—	18.3	—	7.1	25	—	4	—	71	0	dr	—	157
ASWAN	00	7	28	2	0	0	—	12.8	23.4	17	00	7	00	0	0	0	—	17.9	-0.9	11.0	24	0	9	-1	46	0	1	—	158
SIWA	00	7	26	1	0	0	—	—	18.3	43	00	7	00	0	0	0	—	—	—	4.9	19	-1	0	-4	67	0	dr	6	148
BAHARIYA	00	9	24	1	0	0	—	16.0	18.5	42	00	9	00	0	0	0	—	19.9	—	7.0	19	—	1	—	57	0	0	—	149
KHARGA	00	8	04	2	0	0	—	16.2	21.2	48	00	8	32	1	0	0	—	18.4	-0.8	8.8	22	-1	5	-1	61	0	dr	tr	151
DAKHLA	05	4	24	2	0	0	—	15.5	20.6	51	05	4	00	0	0	0	—	19.6	-0.3	4.8	22	0	2	-3	71	0	dr	—	152
TOR	00	6	28	4	0	0	—	12.1	20.5	55	00	6	32	3	0	0	—	16.6	-1.3	10.0	21	0	7	-2	68	0	19	10	145
HURGHADA											05	7	30	3	0	0	—	—	—	17.3	23	+1	9	-1	42	0	1	—	146
QUSEIR	01	7	06	2	0	1	Ci	13.3	22.8	58	00	7	24	1	0	0	—	16.6	-0.9	18.0	24	+1	13	-1	35	0	tr	6	147
PORT SUDAN	03	—	04	4	0	7	—	10	26	65	03	—	32	2	1	7	—	13.3	-2.2	22.5	27	0	20	+1	60	0	71	99	169
WADI HALFA											00	8	32	1	0	0	—	17.6	-1.2	11.1	25	0	7	-1	52	—	—	—	165
KAREIMA											01	8	32	3	0	1	Ci	14.7	-1.8	15.5	28	-2	12	0	24	0	0	1	166
ATBARA	01	—	32	4	0	4	—	8	28	25	00	—	32	2	0	0	—	13.0	-1.7	19.0	30	-1	14	0	38	0	6	1	167
KHARTUM											01	8	02	3	0	2	Ci	11.7	-2.2	19.0	32	0	17	+2	30	0	dr	5	168
KASSALA											00	8	02	3	0	0	—	9.5	-2.9	20.0	33	-1	17	+1	72	0	dr	11	170
WAD MEDANI	01	—	02	3	0	4	—	2	33	10	00	—	04	4	0	0	—	10.2	-3.1	20.3	33	-1	16	+1	36	0	2	13	171
DUEIM											00	—	—	3	0	0	—	11.0	-2.3	20.2	34	+1	17	+3	36	0	14	27	173
RENK	00	7	28	3	0	0	—	1.0	33	43									—			—		—					182
ROSEIRES	01	—	26	1	0	4	—	2	37	10	00	—	32	1	0	0	—	6.7	-5.0	22.9	38	+2	18	+2	43	0	27	37	172
EL OBEID											00	8	00	0	0	0	—	12.7	-3.0	15.2	31	+1	13	+2	—	0	8	19	174
EL FASHER											00	—	06	2	0	0	—	—	—	13.8	32	+1	10	0	24	0	0	8	175
GENEINA	01	9	02	2	0	4	—	—	32	24	01	8	04	4	0	3	Ac	—	—	14.8	36	—	13	—	20	0	dr	—	179
KADUGLI	00	8	12	3	0	1	Ci	1.6	37	26																			187
MALAKAL	00	8	24	4	0	0	—	2.8	35	26	00	8	02	4	1	0	—	8.7	-2.5	23.1	35	-1	20	+2	14	0	83	93	176
WAU											00	—	32	1	0	0	—	6.3	-4.3	22.2	36	0	18	0	31	0	103	147	177
JUBA	01	8	32	1	0	4	Cu	1.5	35	19	01	8	00	0	0	—	Ac	7.8	-2.6	26.0	39	+1	23	+3	62	0	231	142	178

UPPER WINDS (27th)

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 26th
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	4h	7h	6h	6h	6h	6h	6h	13
							03.02.25	06.03.05	06.02.40	06.11.15	07.02.30	06.02.55	06.02.25	02.27.20
							06.03.30	10.36.10	10.03.30	10.09.20	10.03.50	10.03.70	10.01.45	05.25.30
							10.01.25	15.01.15	15.36.15	15.08.15	15.06.25	15.05.35	15.01.45	10.27.20
							15.36.15	20.01.15	20.31.20	20.05.10	20.09.10	20.06.15	20.33.25	15.27.20
							20.30.10		30.31.30	30.03.05		30.04.20		20.30.45
							25.28.15		40.30.35			04.12.25		
									50.24.15					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 26th	Diff. from normal	Wet Bulb Temp. on 26th	Diff. from normal
Alexandria	75	+10	13.4	+2.6
Ezbekiya	45	-21	10.1	-0.1
Giza	52	-17	10.3	+0.2
Helwan	43	-13	8.5	-0.5

Giza Grass minimum on 27th 2.8 °C

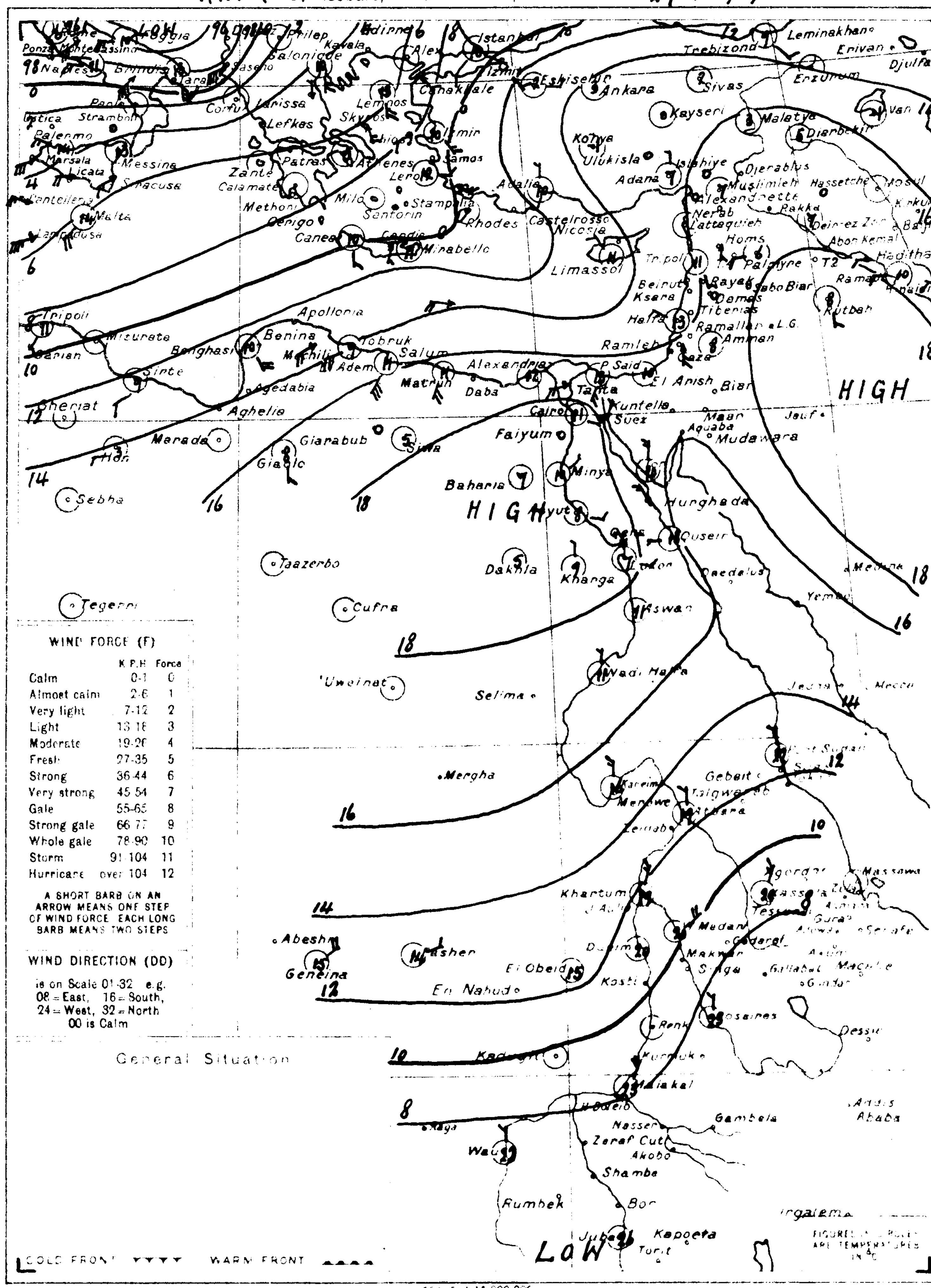
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
27-1	1308	1041
26-1	1319	1101

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	27.1	13.52	+0.15	13.42	+0.05
Nasser	27.1	7.50	+1.71	7.66	+1.83
Malakal	27.1	12.33	+1.41	12.37	+1.42
Roseires	27.1	12.59	+0.66	12.61	+0.67
Sennar Res	26.1	20.71	—	20.72	—
J. Aulia U S	27.1	375.04	—	375.07	—
J. Aulia D S	27.1	372.09	+0.38	372.11	+0.38
Khartum	27.1	11.15	+0.45	11.17	+0.45
Kh el Girba					
Atbara	27.1	10.86	+0.37	10.87	+0.37
Kajnarti	27.1	133.99	+0.43	133.99	+0.47
Aswan Res	27.1	121.00	—	121.00	—
Aswan D S	27.1	86.54	+0.24	86.56	+0.28
Roda (Cairo)	27.1	14.68	-0.04	14.70	-0.02

Printed by the Survey & Mines Dept. 1938 (38/554)

١٩٣٩-١-٢٧ Isobars, Wind and Temperature at 8 h. 27-1-1939.



At 8 h. on 27th (الساعة ٨ يوم ٢٧)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday MM	Diff. from norm.	Minimum Today mm	Diff. from norm.	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	28	2	2	8	—	13.9	-3.2	11	—	—	—	—	—	dr	383	288
Haifa	03	—	26	1	—	7	—	16.3	+0.5	13.0	20	+2	11	+3	91	8	406	483
SHIPS																		

Remarks

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

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm
Heavy Thunderstorm
Duststorm 30-34
Fog or Thick Haze 40-49
Drizzle
Rain
Rain and Fog
Rain and Snow
Snow
Showers

PAST WEATHER (W)

VISIBILITY (V)
Objects not visible at 50 metres
200
500
1 Kilometre
4
10
20
50
Visibility over 50 kms

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

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 47 m
Time of Sunset 17 h 29 m

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

DAILY WEATHER REPORT

Month *JANUARY* 1939 ١٩٣٩ شهر يناير

At 14 h. on 27th الساعة ١٤ يوم ٢٧ — At 8 h. on SATURDAY 28th الساعة ٨ يوم السبت ٢٨

Station	14h: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	00	8	18	5	0	0	—	15.9	21.0	21	02	6	18	6	1	4	Cs	18.8	+0.3	13.9	22	—	8	—	36	0	47	—	130
MATRUH	00	7	20	3	0	0	—	15.6	21.3	66	02	7	16	4	1	4	As	18.4	0.0	11.9	21	+3	10	+2	68	0	68	112	131
DIKHEILA	00	8	22	3	0	0	—	17.4	18.9	40	00	8	16	3	0	1	Ci	21.4	—	11.4	19	—	9	—	50	0	61	—	150
ALEXANDRIA	00	9	22	4	0	0	—	16.7	18.4	50	00	9	16	2	0	0	—	20.7	+2.0	11.5	20	+1	10	-1	55	0	135	141	132
DAMIETTA											04	6	18	1	4	0	—	21.2	—	10.0	20	—	7	—	82	0	41	68	159
PORT SAÏD	00	7	22	3	0	0	—	16.6	20.3	50	00	7	18	2	0	0	—	21.1	+4.1	12.6	21	+2	9	-2	69	0	27	49	134
EL 'ARISH	00	7	32	2	1	0	—	17.1	18.2	55	00	7	16	1	0	0	—	21.9	—	8.3	20	—	5	—	70	0	71	50	135
LOWER EGYPT																													
DAMANHÛR											00	5	16	1	0	0	—	21.4	+3.6	9.6	19	-1	8	+1	66	0	13	62	136
MANṢURA											08	4	08	1	4	0	—	21.1	—	8.4	21	+1	6	-1	81	0	24	28	137
TANTA	00	7	00	0	0	0	—	17.9	21.5	39	00	7	00	0	0	0	—	20.6	+2.1	12.0	22	+2	6	-1	65	0	15	22	138
ZAGÂZIG	00	8	20	3	0	0	—	17.5	20.3	41	00	7	20	1	4	0	—	21.8	—	10.2	21	+1	3	-3	71	0	11	15	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	24	3	0	0	—	17.2	19.0	51	01	7	12	2	0	1	Sc	21.5	—	10.5	20	—	6	—	62	0	2	—	141
CAIRO EZBEKIYA	00	8	24	2	0	0	—	17.4	20.5	32	00	5	00	0	0	0	—	21.6	+2.5	8.9	22	+2	6	-1	66	0	4	14	—
CAIRO GIZA	00	8	24	2	0	0	—	17.4	21.0	33	01	5	00	0	0	2	As	21.5	+1.9	6.3	24	+5	2	-4	74	0	3	15	—
HELWÂN	00	8	18	2	0	0	—	17.1	19.0	32	05	5	00	0	0	0	—	21.5	+2.3	10.9	20	+1	7	-1	50	0	9	15	143
SUEZ	00	9	10	1	0	0	—	17.0	21.0	38	00	6	30	1	0	0	—	21.2	+2.9	9.2	23	+3	7	-3	71	0	14	11	144
UPPER EGYPT																													
FAIYUM	00	8	28	2	0	0	—	17.6	19.4	46	00	7	16	1	0	0	—	21.2	+2.0	8.9	23	+3	2	-4	52	0	d	5	153
MINYA	00	8	28	3	0	0	—	17.4	19.5	37	09	4	02	1	0	0	—	21.8	+2.4	6.7	20	0	4	-2	76	0	2	—	154
ASYUT	00	7	26	3	0	0	—	17.2	20.0	40	00	6	28	3	0	0	—	21.4	+1.4	8.0	21	+1	5	-1	72	0	2	3	155
QENA	00	8	22	1	0	0	—	16.6	22.5	42	00	8	26	1	0	0	—	20.3	+1.6	9.0	24	+1	5	-2	73	0	d	—	156
LUXOR	00	8	08	2	0	0	—	15.8	19.8	57	00	7	10	3	0	0	—	20.2	—	8.8	24	—	4	—	64	0	d	—	157
ASWÂN	00	7	32	2	0	0	—	15.1	22.0	12	00	7	02	1	0	0	—	18.8	+0.1	10.8	23	-1	7	-3	54	0	1	—	158
WESTERN DESERT																													
SIWA	00	7	22	1	0	0	—	—	17.8	32	03	7	00	0	0	6	Cu	—	—	3.7	19	-1	1	-3	83	0	d	6	148
BAHARIYA	00	9	00	0	0	0	—	17.5	19.5	28	01	9	00	0	0	3	—	21.8	—	4.5	21	—	1	—	60	0	0	—	149
KHARGA	00	8	04	2	0	0	—	16.4	20.5	32	00	8	04	3	0	0	—	19.5	+0.4	11.5	21	-2	4	-2	48	0	d	h	151
DÂKHLA	05	4	20	1	0	0	—	16.7	22.8	60	01	4	00	0	1	4	Ci	20.8	+1.0	8.0	24	+2	3	-2	58	0	d	—	152
RED SEA																													
TÔR	00	6	28	5	0	0	—	14.7	19.8	49	00	6	32	2	0	0	—	19.9	+2.1	10.3	20	-1	6	-3	49	0	19	10	145
HURGHÂDA											00	9	30	3	0	0	—	18.6	+0.9	16.5	21	-1	9	-1	48	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	15.6	20.4	48	00	7	30	2	0	0	—	18.7	+1.3	18.1	21	-2	13	-1	43	0	h	6	147
PORT SUDAN	03	—	04	4	0	7	—	12	—	50	00	—	28	3	0	0	—	14.8	-0.6	22.2	26	-1	18	-1	66	0	71	99	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	1	0	0	—	19.3	+0.5	9.2	25	0	5	-3	48	—	—	—	165
KAREIMA											00	8	32	3	0	0	—	16.4	-0.1	14.1	29	-1	10	-2	28	0	0	1	166
'ATBARA	01	—	32	3	0	3	—	9	30	20	00	—	02	3	0	0	—	14.2	-0.5	19.0	30	-1	15	+1	52	0	6	1	167
KHARTÛM	00	8	32	3	0	0	—	7.3	33	26	01	8	32	3	0	1	Ci	13.3	-0.6	18.4	32	0	17	+2	36	0	d	5	168
KASSALA	00	8	—	2	0	0	—	4.6	33	30	00	8	04	2	0	0	—	9.4	-3.0	21.7	33	-1	16	0	66	0	d	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	4	0	0	—	11.5	-1.8	20.7	35	+1	12	-3	46	0	2	13	171
DUEIM	—	—	—	4	4	—	—	—	33	30	00	—	—	3	0	0	—	11.9	-1.4	20.2	34	0	17	+3	42	0	14	12	173
RENK	00	7	28	4	0	0	—	4.2	33	34	00	7	28	2	0	0	—	11.1	—	20	34	—	16	—	55	0	—	—	182
ROSEIRES	—	—	26	3	0	—	—	2	36	20	00	—	30	1	0	0	—	7.4	-4.2	22.7	37	+1	18	+2	42	0	27	37	172
EL OBEID	00	8	32	4	0	0	—	5.7	31	13	01	8	32	3	0	—	Ci	13.2	-2.4	16.3	32	+2	13	+2	41	0	8	19	174
EL FÂSHER	01	—	—	—	0	3	—	—	33	—	00	—	04	2	0	0	—	—	—	13.8	33	+2	9	-1	24	0	0	8	175
GENEINA	00	8	02	2	0	0	—	—	34	10	02	8	06	3	0	5	Ac	—	—	15.3	38	—	14	—	21	0	d	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL	00	8	32	4	0	0	—	3.4	34	16	01	8	32	3	1	4	Cs, Ac	9.4	-1.8	23.4	35	-1	19	+1	27	0	83	93	176
WÂU											01	—	20	1	0	4	—	8.1	-2.5	19.2	36	0	18	0	57	0	103	147	177
JÛBA	02	8	04	3	0	5	Cu	1.3	38	23																		142	178

UPPER WINDS الرياح العليا يوم ٢٨

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

SALUM 7 h. m.	MATRUH h. m.	DIKHEILA 8 h. m.	CAIRO 8 h.30 m.	HELWAN 8 h.30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 4 h. m.	KAREIMA 5 h. m.	KHARTUM 7 h. m.	KASSALA 6 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA h. m.	Geneina 5 h. m.
02.21.35		02.19.20	02.12.10	02.05.05	05.36.20	02.02.15	03.03.35	06.36.30	06.01.50	06.06.10	07.03.25	06.02.60		10.04.45
05.22.—		05.24.15	05.07.05	05.05.10	10.34.20	05.03.40	06.03.45	10.35.30	10.04.45	10.05.20	10.05.50	10.03.70		15.05.25
10.24.30		08.27.05	10.03.15	08.01.10	15.03.05	10.05.40	10.02.45	15.33.25	15.36.15	15.35.20	15.06.30	15.05.50		20.18.15
15.25.25		10.32.10	20.21.15	10.03.25	20.11.10	15.04.15	15.03.20	20.33.25	20.32.25	20.33.15	20.18.05	20.05.35		
20.28.40		12.34.20	25.23.10	15.24.05			20.01.15		25.27.20	30.26.10		30.04.45		
25.29.30		15.01.10	30.30.20	20.21.10			30.32.10					40.03.25		
30.26.35		18.07.05	35.32.25	23.18.10			40.28.25					50.11.25		
35.26.40		20.20.05	40.30.40	25.18.10			47.27.45							
40.27.35		25.24.20	45.30.40	30.30.25										
45.28.40		30.29.35	50.29.45	40.30.40										

Forecast for 24 hours from noon on 28th

On the coast moderate winds between south and west.
Inland light variable winds, chiefly northeasterly.
Clear or occasional high cloud.
Remaining mild by day.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٨
على السواحل رياح معتدلة بين جنوبية وغربية
وفي الداخل رياح خفيفة مختلفة الاتجاه أكثرها شمالية شرقية
السماء صحو أو يظهر بعض سحاب عالي أحيانا
تستمر درجة الحرارة معتدلة أثناء النهار

Station	Mean of day: Humidity % on 27th	Diff. from normal	Wet bulb temp. °C on 27th	Diff. from normal
Alexandria	64	-1	11.3	+0.5
Ezbekîya	53	-13	9.5	-0.7
Gîza	58	-11	9.3	-0.8
Helwân	38	-18	8.8	-0.2

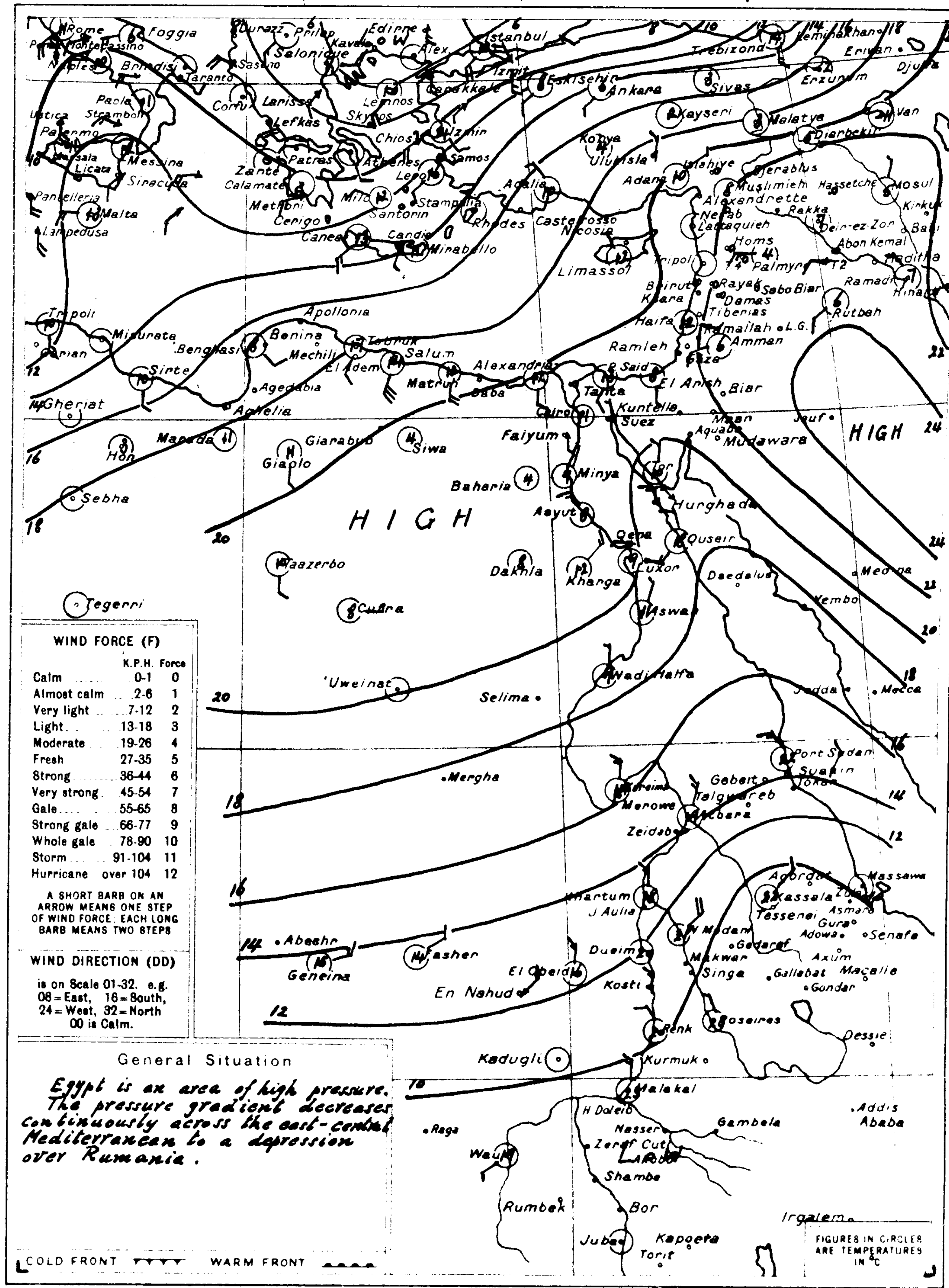
Gîza Grass minimum on 28th: -1.2 °C

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

DATE	1939	1938
28-1	1297	1042
27-1	1308	1041

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27.1	13.52	+0.15	13.42	+0.05
Nasser	27.1	7.50	+1.71	7.46	+1.83
Malakâl	28.1	12.28	+1.39	12.33	+1.41
Roseires	28.1	12.58	+0.65	12.59	+0.66
Sennâr Res.	26.1	20.71	—	20.72	—
J. Aulia U.S.	28.1	375.03	—	375.04	—
J. Aulia D.S.	28.1	372.08	+0.39	372.09	+0.38
Khartûm	28.1	11.13	+0.46	11.15	+0.45
Kh. el Girba					
'Atbara	28.1	10.86	+0.38	10.86	+0.37
Kajnarti	27.1	133.99	+0.43	133.99	+0.41
Aswân Res.	28.1	121.00	—	121.00	—
Aswân D.S.	28.1	86.54	+0.22	86.54	+0.24
Rôda (Cairo)	28.1	14.66	+0.08	14.68	-0.04

٢٨-١-٣٩ Isobars, Wind and Temperature at 8 h. 28-1-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

Egypt is an area of high pressure. The pressure gradient decreases continuously across the east-central Mediterranean to a depression over Rumania.

At 8 h. on الساعة ٨

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	09	6	28	1	1	2	—	19.6	+2.6	12	—	—	—	—	—	2	385	291
Haifa	00	—	10	1	—	0	—	21.9	+6.1	12.0	18	0	10	+2	86	1	407	490
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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CAIRO

Time of Sunrise 06 47
" " Sunset 17 29

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1939 — ١٩٣٩ شهر يناير

Isobars Wind and Temperature at 8 p.m. 29-1-39 — ٢٩-١-٣٩

SUNDAY 29th — الأحد ٢٩

STATION	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press. M.S.L. 1000+ mbs	Temp. Max.	Temp. Min.	Humidity	Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Temp. Max.	Diff. from normal	Temp. Min.	Diff. from normal	Humidity	Rainfall	Rainfall	Rainfall
SALUM	03	7	16	5	1	6	Cu	18.3	21.6	25	00	8	22	5	0	—	20.8	+2.3	14.6	22	13		37	0	47	—
MATRUH	02	7	00	0	0	7	St	17.2	22.8	65	00	7	16	2	0	—	20.2	+1.9	12.3	23	+5	9	+1	74	0	68	114
HURGHADA	02	8	28	1	1	4	Cs	19.5	23.4	54	05	6	12	1	1	3	Ci	21.9	—	12.0	23		9		66	0	61	
ALEXANDRIA	04	9	00	0	2	6	Ac	19.0	22.6	30	02	9	14	1	2	4	Ac	21.8	+3.1	12.6	24	+5	10	-1	75	0	135	142
DAMIETTA											02	7	04	1	1	5	Ac	21.1	—	14.7	21		9		80	0	41	69
PORT SAID	01	7	02	3	0	2	Cu	19.2	19.3	52	02	7	04	3	1	4	Ac	20.3	+3.3	17.2	—	—	—	—	79	0	27	49
EL'ARISH	00	7	02	3	0	0	—	19.9	17.2	61	03	7	16	1	1	6	Cs	20.6		8.2	—		5	—	85	0	71	56
DAMANHUR											01	6	04	2	1	1	Cu	21.9	+4.2	9.0	22	+2	8	+1	87	0	13	62
MANSURA											01	7	02	1	1	3	Ac	20.7	—	11.7	22	+2	8	+1	91	0	24	29
TANTA	02	7	04	2	1	5	Cs	19.2	22.3	58	00	7	00	0	0	—	21.6	+3.2	10.5	23	+3	3	-4	94	0	15	22
ZAGAZIG	00	8	04	1	0	0	—	19.1	20.6	41	49	1	28	1	4	9	—	21.4	—	6.9	21	+1	4	-2	99	0	11	15
EL MANZALA	01	8	04	2	1	3	Ci	19.0	20.2	48	02	7	00	0	1	5	St	20.4	—	9.5	21		7	—	80	0	2	
EZBEKIYA	02	9	28	1	1	4	Ci	19.2	21.0	28	02	4	00	0	4	5	Sc	21.1	+2.1	9.7	22	+2	7	0	75	0	4	14
GIZA	01	8	04	1	1	4	Ci	19.0	21.0	55	08	4	00	0	4	7	Sc	21.2	+1.6	5.5	22	+3	4	-2	93	0	3	15
HELWAN	02	7	30	2	1	4	Ci	18.6	19.9	24	09	6	02	5	0	3	Cc	20.7	+1.6	11.5	21	+2	9	+1	81	0	9	15
SUEZ	01	9	00	0	0	0	—	18.2	20.6	35	02	7	28	3	2	5	Cs	20.2	+1.9	12.1	22	+2	9	-1	75	0	14	11
FAYOUM	02	8	02	2	0	5	Cu	18.8	19.5	41	09	5	30	1	0	0	—	20.0	+0.9	10.8	22	+2	4	-2	63	0	dr.	5
MINYA	02	6	32	3	2	5	Ac	18.0	19.3	37	00	6	32	1	0	0	—	20.6	+1.3	8.3	20	0	5	-2	73	0	2	
ASSIUT	03	7	22	2	1	7	—	17.9	21.2	40	00	6	26	3	0	0	—	20.6	+0.6	8.0	24	+4	5	-1	72	0	2	3
QENA	02	8	28	1	1	5	Cu	15.4	22.0	43	00	8	30	2	0	0	—	18.7	+0.1	10.0	24	+1	7	0	72	0	dr.	
LUXOR	02	7	22	3	2	5	Cu	16.3	24.8	37	00	7	10	1	0	0	—	18.6	—	8.7	27		4		70	0	dr.	
ASWAN	02	7	28	2	1	3	Cu	14.6	23.5	19	00	7	32	1	0	0	—	17.6	-1.1	12.2	24	0	9	-1	41	0	1	—
SIWA	03	7	00	0	2	7	Cu	—	19.7	56	00	7	00	0	0	0	—	—	—	5.1	24	+4	1	-3	60	0	dr.	6
BAHARIYA	02	9	00	0	1	4	—	18.8	20.0	32	00	9	00	0	0	0	—	21.4		5.8	21		2		51	0	0	
KHARGA	00	8	32	3	0	0	—	17.4	20.2	42	00	8	32	1	0	0	—	19.8	+0.7	8.2	21	-2	4	-2	62	0	dr.	tr.
DAKHLA	01	7	02	1	1	4	Ci	17.8	22.4	39	00	5	00	0	0	0	—	21.2	+1.4	6.3	25	+3	2	-3	66	0	dr.	
[illegible]	01	6	28	4	0	3	Cc	16.4	20.8	68	00	6	32	2	0	2	Cc	18.2	+0.4	11.0	21	0	8	-1	58	0	19	10
[illegible]											01	9	30	4	1	3	Ci	15.4	-2.2	16.7	23	+1	10	0	51	0	9	—
QUSEIR	00	7	02	3	0	0	—	17.2	21.2	62	00	7	28	2	0	0	—	16.8	-0.6	18.4	22	-1	14	0	82	0	tr.	6
PORT SUDAN	03	—	04	5	0	7	—	12	27	55	01	—	04	2	1	4	—	14.2	-1.2	24.0	27	0	19	0	55	0	71	99
WADI HALFA	01	8	32	2	0	3	—	15.6	23	31	00	8	02	2	0	0	—	18.8	+0.1	11.0	25	0	8	0	41	—	—	
KAREIMA	00	8	32	3	0	0	—	11.6	25	14	00	8	32	3	0	0	—	15.7	-0.7	15.6	29	-1	11	-1	24	0	0	1
ATBARA	01	—	32	3	0	4	—	13	31	10	00	—	32	2	0	0	—	14.0	-0.6	19.3	31	0	15	+1	50	0	6	1
KHARTUM	00	9	02	4	0	1	—	7.7	34	21	00	8	32	3	0	0	—	13.4	-0.5	18.4	34	+1	15	0	36	0	dr.	5
KASSALA	00	8	02	4	0	0	—	3.5	33	34	00	8	02	2	0	0	—	10.8	-1.6	21.4	34	0	17	+1	42	0	dr.	11
WADI MEDANI	01	—	04	5	0	4	—	6	33	25	00	—	02	4	0	0	—	12.3	-1.0	20.4	34	0	16	+1	45	0	2	13
DUEIM	01	—	04	3	0	4	—	—	—	35	00	—	—	4	0	0	—	12.2	-1.0	21.6	34	0	17	+3	47	0	14	12
RENK	01	7	00	0	1	3	—	13.3	—	33																		
ROSEIRES	01	—	28	1	0	4	—	2	38	10	00	—	28	1	0	0	—	8.7	-2.9	22.5	38	+2	17	+1	43	0	37	37
EL OBEID	01	8	02	3	0	3	—	6.5	30	30	02	8	32	3	0	5	Ci	14.1	-1.5	15.5	31	0	13	+2	58	0	8	18
EL FASHER											00	—	04	2	0	0	—	—	—	14.1	33	+2	9	-1	50	0	0	
GENEINA	02	8	32	3	0	4	—	—	32	11	01	8	06	3	0	4	Ac	—	—	15.0	36	—	13	—	21	0	dr.	—
KADUGLI	W	7	00	0	3	4	—	3.4	33	13																		
MALAKAL	00	8	24	3	0	0	—	4.7	35	15	00	8	02	3	0	0	—	9.0	-2.2	22.7	35	-1	18	0	33	0	83	93
WAU	02	—	12	2	0	5	—	4	35	10	00	—	20	1	0	0	—	9.9	-0.6	19.8	36	0	17	-1	61	0	103	147
JUBA	01	8	32	1	0	3	Cu	2.8	36	35	00	8	16	1	0	0	—	10.2	-0.1	26.9	38	0	21	0	39	0	231	142

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

UPPER WINDS — ريح الطبقات العليا

Salum	Matruh	Helwan	Abbassia	Aswan	Wadi Halfa	Kareima	Khartum	Kassala	Malakal	Geneina
km	km	km	km	km	4	5	7	6	6	7
					03.03.20	06.02.40	06.02.45	06.03.15	07.02.45	06.01.50
					06.01.35	10.02.35	10.02.50	10.05.10	10.03.50	10.03.60
					10.01.30	15.01.35	15.04.25	15.03.10	15.02.25	15.06.35
					15.35.20	20.03.20	30.33.25	20.36.05	24.35.25	20.13.10
						21.03.15	30.31.30			30.06.05
							40.24.30			40.07.15

6	6	7
21.20.20	10.44.35	
10.22.20	15.05.25	
21.15.20	20.06.15	
20.33.05	30.12.10	
30.07.30	40.16.10	
40.05.25	50.21.15	
	60.23.20	

Forecast for 24 hours from 8.00 a.m.

	28th		29th	
Kosseir	57	-8	11.2	+0.4
Erkowit	67	-9	9.7	-0.5
Suez	65	-4	9.2	-0.9
Helwan	56	-20	6.6	-0.4
Giza Cairo	29th		1.1	

Aswan	29-1	13.41	+0.05	13.42	+0.06
Kassala	29-1	7.13	+1.01	7.32	+1.57
Wadi Halfa	29-1	13.22	+1.36	13.28	+1.39
[illegible]	29-1	12.56	+0.34	12.58	+0.65
[illegible]	28-1	20.70	—	20.70	—
[illegible]	29-1	375.07	—	375.03	—
[illegible]	29-1	372.05	+0.38	372.08	+0.39
[illegible]	29-1	11.11	+0.46	11.13	+0.46
[illegible]	29-1	10.60	+0.33	10.86	+0.38
[illegible]	29-1	133.97	+0.46	133.98	+0.45
[illegible]	29-1	121.00	—	121.00	—
[illegible]	29-1	86.58	+0.18	86.54	+0.22
[illegible]	29-1	14.61	-0.15	14.66	-0.08

Limassol	01	7	28	2	0	1	—	21.2	+4.2	10	—	—	—	—	—	0	305	294
Haifa	01	—	10	1	—	4	—	21.0	+5.3	14.4	20	+2	10	+2	57	0	407	497
Gaba	02	8	10	2	4	6	—	20.7	+4.3	7	—	—	4	-4	45	—	—	258
Gaza 28-1	00	9	16	1	4	0	—	21.6	+5.1	9	—	—	5	-6	75	—	—	255

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CAIRO
Time of Sunrise h 06 m 46
" " Sunset h 17 m 30

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C

DAILY WEATHER REPORT

Month *JANUARY* 1939 ١٩٣٩ شهر يناير

Observations at 14 h. on 29th (الساعة ١٤ يوم ٢٩) and at 8 h. on MONDAY 30th (الساعة ٨ يوم الاثنين ٣٠)

At 14 h. on 29th

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
SALUM	00	9	00	0	0	0	—	20.2	22.0	36
MATRUH	00	7	02	1	0	0	—	19.1	18.4	40
DIKHEILA	05	7	30	2	0	0	—	20.6	17.0	69
ALEXANDRIA	00	9	04	2	0	0	—	19.1	18.0	62
DAMIETTA										
PORT SAID	01	8	02	4	1	3	Ac	18.6	20.5	56
EL 'ARISH	01	7	28	2	1	3	Ci	18.6	18.1	67
DAMANHUR										
ANSURA										
ANTA										
GAZIG	00	8	04	3	0	0	—	18.8	21.6	47
CAIRO ALMAZA	00	8	04	6	1	1	Sc	18.3	21.1	56
CAIRO EZBEKIYA	00	9	04	3	1	0	—	17.6	22.5	40
CAIRO GIZA	00	9	30	1	0	0	—	17.9	22.4	45
HELWAN	01	8	02	5	0	1	As	16.4	21.2	25
SUEZ	01	9	32	3	1	1	Sc	16.7	22.8	21
FAIYUM	00	8	02	2	0	0	—	17.2	22.0	42
MINYA	00	7	02	3	0	0	—	17.0	20.0	35
ASYUT	00	8	30	3	0	0	—	16.8	21.6	31
QENA	00	8	24	3	0	0	—	15.9	23.5	35
LUXOR	00	7	06	2	0	0	—	14.7	26.2	35
ASWAN	00	7	32	1	0	0	—	13.0	24.0	12
SIWA	00	7	00	1	0	0	—	—	23.5	35
BAHARIYA	00	9	32	1	0	0	—	17.9	20.0	32
KHARGA	00	8	32	3	0	0	—	17.5	22.4	28
DAKHLA	00	8	04	1	0	0	—	17.2	22.0	37
TOR	01	6	28	4	0	1	Ca	15.0	20.5	64
HURGHADA										
QUSEIR	00	7	32	3	0	0	—	15.2	23.0	51
PORT SUDAN										

At 8 h. on MONDAY 30th

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry bulb °C TTT	Max. yesterday °C MM	Diff. from norm.	Min. today °C mm	Diff. from norm.	Humidity UU	Rainfall past 24 h.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station number
SALUM	02	7	22	4	0	4	Cs	21.4	+2.9	15.4	23	—	14	—	34	0	47	—	130
MATRUH	01	7	18	3	1	3	St	20.0	+1.7	12.7	22	+4	8	0	54	0	68	115	131
DIKHEILA	05	6	00	0	0	0	—	21.1	—	14.3	19	—	8	—	84	0	61	—	150
ALEXANDRIA	00	9	00	0	0	0	—	20.3	+1.7	16.1	21	+2	12	+1	78	0	135	144	132
DAMIETTA	04	6	02	1	4	0	—	19.4	—	15.1	19	—	11	—	80	0	41	70	159
PORT SAID	01	8	04	3	1	2	Cu	19.2	+2.3	17.5	23	+4	15	+4	70	0	27	50	134
EL 'ARISH	00	7	00	0	0	0	—	18.8	—	10.1	19	—	7	—	88	0	71	51	135
DAMANHUR																		63	136
ANSURA	00	8	02	1	0	0	—	19.8	—	11.7	22	+2	10	+3	92	0	24	29	137
ANTA																		22	138
GAZIG	49	1	30	1	4	9	St	20.6	—	6.4	22	+2	4	-2	98	0	11	16	139
CAIRO ALMAZA	47	2	02	1	4	9	—	19.9	—	7.4	22	—	6	—	94	0	2		141
CAIRO EZBEKIYA	40	1	00	0	4	9	—	20.3	+1.3	7.8	24	+4	6	-1	96	0	4	15	
CAIRO GIZA	40	1	30	1	4	9	—	19.8	+0.2	6.6	22	+3	5	-1	99	0	3	16	
HELWAN	09	5	04	4	0	0	—	19.2	+0.1	12.7	22	+3	7	-1	81	0	7	16	143
SUEZ	01	6	28	2	0	1	Sc	19.0	+0.7	18.1	23	+3	9	-1	78	0	14	14	144
FAIYUM	00	7	32	2	0	0	—	19.5	+0.4	11.9	23	+3	7	+1	80	0	dr.	5	153
MINYA	04	4	24	2	4	0	—	18.4	-0.6	7.0	21	+1	5	-2	88	0	2		154
ASYUT	08	5	26	3	0	0	—	18.4	-1.6	7.6	23	+2	5	-1	89	0	2	3	155
QENA	00	8	26	3	0	0	—	17.9	-0.6	9.2	25	+2	7	0	74	0	dr.		156
LUXOR	00	7	30	1	0	0	—	—	—	9.1	28	—	3	—	79	0	dr.		157
ASWAN	00	7	00	0	0	0	—	17.1	-1.6	12.8	26	+2	8	-2	36	0	1	—	158
SIWA	02	7	00	0	2	5	Cu	—	—	9.1	26	+6	1	-3	60	0	dr.	0	148
BAHARIYA	00	9	00	0	0	0	—	20.6	—	7.0	21	—	2	—	85	0	0		149
KHARGA	00	8	30	1	0	0	—	18.2	-0.2	9.2	28	0	4	-2	—	0	dr.	tr.	151
DAKHLA	05	5	00	0	0	0	—	19.2	-0.5	7.0	23	+1	4	-1	71	0	dr.		152
TOR	00	6	32	2	0	0	—	16.4	-1.4	12.1	21	0	7	-2	58	0	19	10	145
HURGHADA	00	9	30	4	0	0	—	16.0	-1.5	17.2	24	+2	11	+1	43	0	1	—	146
QUSEIR	00	7	26	2	0	0	—	16.0	-1.2	18.4	24	+1	14	0	37	0	tr.	6	147
PORT SUDAN	00	—	32	3	0	0	—	13.3	-2.1	24.1	27	0	20	+1	66	0	71	100	169
WADI HALFA	00	8	02	2	0	0	—	18.5	-0.2	9.4	26	+1	7	-1	48	—	—		165
KAREIMA	00	8	28	3	0	0	—	16.1	-0.3	15.4	31	+1	13	+1	21	0	0	1	166
ATBARA	00	—	32	2	0	0	—	16.0	-0.6	19.0	30	-1	14	0	30	0	6	1	167
KHARTUM	01	8	02	3	0	2	Ci	14.0	+0.1	17.5	34	+2	13	-2	28	0	dr.	5	168
KASSALA	01	8	04	2	0	0	—	11.0	-1.4	20.3	33	-1	16	0	64	0	dr.	11	170
WAD MEDANI	00	—	02	5	0	0	—	12.6	-0.6	21.0	34	0	12	-3	19	0	2	13	171
DUEIM	00	—	—	4	0	0	—	12.4	+0.2	20.2	32	-2	16	+2	43	0	14	12	173
RENK																			182
ROSEIRES	00	—	32	1	0	0	—	8.7	-2.9	22.7	37	+1	16	0	42	0	27	37	172
EL OBEID	02	8	32	3	1	6	Ci	14.4	-1.2	15.2	32	+1	13	+2	58	0	8	19	174
EL FASHER	00	—	30	2	0	0	—	—	—	11.1	32	+1	8	-2	39	0	0	8	175
GENEINA	01	8	32	3	0	4	Ac	—	—	13.8	36	—	12	—	18	0	dr.	—	179
KADUGLI																			181
MALAKAL	00	8	02	4	0	0	—	10.0	-1.2	22.8	36	0	18	0	26	0	83	93	176
WAU	00	—	32	1	0	0	—	9.9	-0.6	20.0	37	+1	17	-1	46	0	103	147	177
JUBA	02	8	16	2	0	5	Sc	10.4	+0.1	24.0	37	-1	21	0	65	0	231	142	178

UPPER WINDS

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

Stations: SALUM, MATRUH, DIKHEILA, CAIRO, HELWAN, ASYUT, ASWAN (no entries)

	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	[illegible]	Geneina
h	4	5	6	6	4	7	6	7
	02.36.15	06.03.40	06.01.35	06.05.10	07.03.30	06.03.55	06.01.30	10.06.35
	06.01.35	10.03.30	10.01.40	10.03.15	10.03.45	10.03.60	10.03.35	05.05.25
	10.36.30	15.01.35	15.03.35	15.03.10	15.05.15	15.05.30	15.03.35	20.36.25
	15.35.20	20.03.20	20.36.15	20.02.05	20.06.10	20.06.10	20.03.25	30.07.20
	20.33.15		30.29.20			30.05.10	30.32.10	40.05.25
			40.25.35			36.13.10	40.23.15	
							50.17.15	
							59.15.05	

Forecast for 24 hours from noon on

حديث الطقس المنتظر في ٢٤ ساعة من ظهر يوم

Station	Humidity 29th		Evaporation 29th	
Alexandria	76	+11	12.7	+1.9
Ezbekiya	65	-1	11.1	+0.9
Giza	71	+2	10.5	+0.4
Helwan	63	+7	11.0	+2.0
Giza			30th	2.5

Date	1939	1938
30-1	1265	1098
29-1	1284	1041

Gauge	Date	Reading		Previous year reading	
..ba	30-1	13.41	+0.05	13.41	+0.05
Nasser	30-1	6.96	+1.28	7.13	+1.41
Malakal	30-1	13.15	+1.32	12.22	+1.30
Roseires	30-1	12.54	+0.63	12.56	+0.64
Sennar Res	30-1	20.69	—	20.70	—
J. Aulia U.S.	30-1	375.11	—	375.07	—
J. Aulia D.S.	30-1	372.05	+0.40	372.05	+0.38
Khartum	30-1	N.N	+0.08	11.11	+0.46
[illegible]					
Atbara	30-1	10.82	+0.30	10.80	+0.33
[illegible]	30-1	123.96	+0.07	123.97	+0.46
Aswan Res	30-1	121.0?	—	121.00	—
Aswan D.S.	30-1	86.47	+0.12	86.52	+0.18
Roda (Cairo)	30-1	14.57	-0.24	14.61	-0.15

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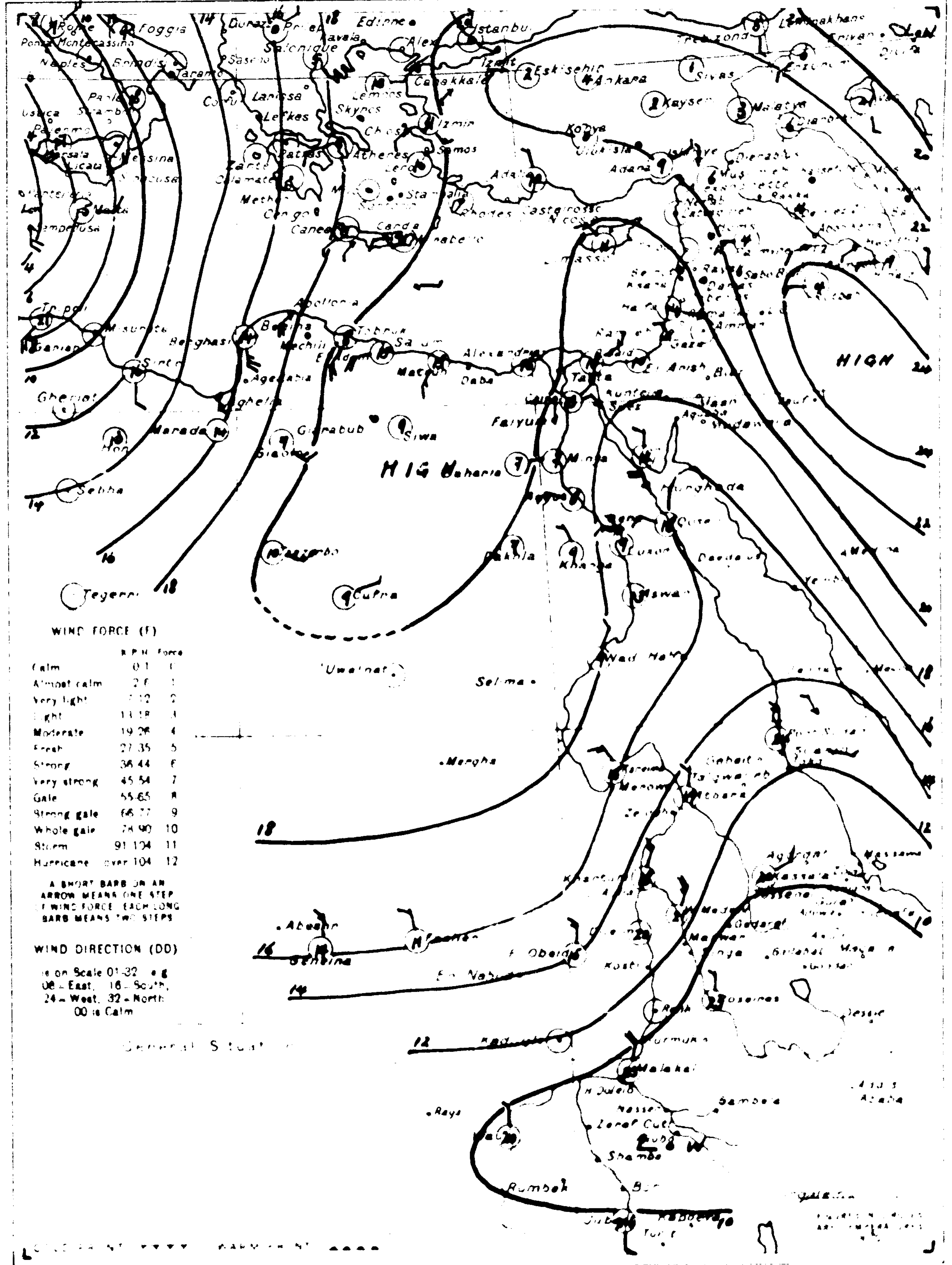
Isobars, Wind and Temperature at 8 h ٣٠-١-٣٩ 30-1-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

General Situation

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04

At 8 h. on 30-1-39 ٣٠-١-٣٩

Station	ww	V	DD	F	W	N	C	PPP	Diff	TTT	Max	Diff	Min	Diff	UU	Rain 24 h	Total	Normal
Limassol	00	7	28	3	0	1	—	199	+2.9	11	—	—	—	—	—	0	385	297
Haifa	00	—	10	1	0	0	—	196	+2.7	14.2	20	+2	9	+1	57	0	407	504
Gaza	00	9	30	2	4	0	—	190	+2.6	10	—	—	6	-2	85	—	—	261

HOURS ARE EGYPTIAN STANDARD TIME ... AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CLOUD FORM (C)
Nimbus N
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

CAIRO
Time of Sunrise 06 h 46 m
" " Sunset 17 h 31 m

Month JANUARY 1939 ١٩٣٩ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 30th — الساعة ١٢ يوم ٣٠

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
SALUM	02	8	12	3	1	5	Cs	18.2	20.9	27
MATRUH	02	7	06	3	2	7	Sc	17.1	17.7	61
DIKHEILA	02	8	02	3	1	4	Ci	18.8	17.5	71
ALEXANDRIA	02	9	08	2	0	4	Ac	18.4	20.0	68
DAMIETTA										
PORT SAID	01	8	02	3	1	3	Ac	17.8	20.8	63
EL 'ARISH	00	7	32	3	0	0	—	17.2	17.8	68
DAMANHUR										
MANSURA										
TANTA										
ZAGAZIG	00	8	04	1	0	0	—	17.5	22.2	49
ALMAZA	01	8	06	6	0	3	Ci	17.0	21.0	60
EZBEKIYA	01	9	04	5	1	3	Cc	16.7	22.4	42
GIZA	01	8	28	1	1	4	As	16.4	21.5	44
HELWAN	01	8	02	5	0	3	Ci	15.9	21.3	39
SUEZ	00	9	30	2	0	0	—	16.2	21.0	51
FAIYUM	01	8	06	2	0	4	Cu	15.8	22.6	35
MINYA	01	8	32	3	1	4	Ac	15.2	20.2	39
ASYUT	01	7	26	3	0	3	As	15.8	20.0	47
QENA	00	8	24	2	0	0	—	15.1	23.0	31
LUXOR	00	7	10	2	0	0	—	14.0	26.3	42
ASWAN	00	7	30	1	0	0	—	13.1	25.0	21
SIWA	01	7	26	1	1	4	Cu	—	21.2	40
BAHARIYA	00	9	00	0	0	0	—	17.5	21.0	34
KHARGA	00	8	32	2	0	0	—	15.9	21.8	31
DAKHLA	05	7	02	2	1	2	Ci	16.3	20.8	50
TOR	00	6	28	11	0	0	—	13.9	20.8	54
HURGHADA										
QUSEIR	00	7	32	3	0	0	—	14.2	22.2	60
PORT SUDAN	02	—	04	4	1	—	—	12	27	60
WADI HALFA										
KAREIMA										
ATBARA	00	—	18	2	0	—	—	10	30	—
KHARTUM										
KASSALA										
WAD MEDANI	01	—	32	5	0	—	—	7	32	—
DUEIM	—	—	—	—	—	—	—	8	32	—
RENK	00	7	17	3	0	—	—	6.4	33	34
ROSEIRES	—	—	30	3	—	—	—	—	32	—
EL OBEID	01	8	14	4	4	4	—	7.6	31	37
EL FASHER										
GENEINA	00	—	32	4	0	2	Ac	—	—	27
KADUGLI										
MALAKAL										
WAU										
JUBA	00	8	32	4	0	4	—	3.3	—	26

(Station groups: Mediterranean; Middle Egypt (Cairo); Upper Egypt; Western Desert; Red Sea; North Sudan; Central Sudan; S. Sudan)

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

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	01	7	12	5	0	2	St	13.3	-5.2	12.8	21	—	11	—	64	0	47	—	130
MATRUH	01	7	12	2	0	3	Sc	13.3	-5.0	11.9	21	+3	9	+1	83	0	68	117	131
DIKHEILA	01	7	10	2	1	4	As	13.9	—	12.7	19	—	12	—	87	0	61	—	150
ALEXANDRIA	02	9	08	3	2	4	Ac	—	—	13.1	22	+3	12	+1	89	0	135	145	132
DAMIETTA	02	7	12	2	2	5	Ac	13.8	—	15.9	18	—	12	—	82	0	41	71	159
PORT SAID	02	7	06	2	1	4	Ac	14.2	-2.7	15.5	22	+3	14	+3	89	0	27	50	134
EL 'ARISH	02	7	16	1	1	5	Cb	14.7	—	9.8	20	—	7	—	79	0	71	51	135
DAMANHUR	01	6	08	2	1	1	Cu	15.4	-2.2	11.2	22	+2	7	0	88	0	13	64	136
MANSURA	02	4	12	1	1	4	As	13.5	—	11.3	22	+2	11	+4	97	0	24	30	137
TANTA	02	7	14	2	1	4	Cs	13.6	-4.6	11.0	23	+3	8	+1	94	0	15	23	138
ZAGAZIG	08	4	10	1	4	9	St	13.9	—	12.4	22	+2	5	-1	94	0	11	16	139
ALMAZA	05	6	00	0	2	6	Ci	13.8	—	11.6	22	—	7	—	73	0	2	—	141
EZBEKIYA	02	5	00	0	2	5	St	13.3	-5.7	16.5	24	+4	7	0	87	0	4	15	—
GIZA	02	5	00	0	2	5	St	13.4	-6.1	8.6	22	+3	6	0	93	0	3	16	—
HELWAN	03	6	12	1	2	6	As	13.4	-5.6	12.0	22	+3	10	+2	64	0	9	16	143
SUEZ	03	7	06	1	2	6	As	13.9	-4.4	11.8	22	+2	10	0	83	0	14	11	144
FAIYUM	02	6	10	1	1	5	Sc	13.9	-5.2	10.1	24	+4	9	+3	72	0	dr.	5	153
MINYA	01	5	14	3	1	4	As	14.6	-4.6	10.5	21	+1	7	0	65	0	2	—	154
ASYUT	02	7	08	2	1	5	Ac	15.8	-4.2	10.0	22	+1	7	+1	78	0	2	3	155
QENA	01	8	30	1	1	4	Cu	17.6	-0.8	10.4	25	+2	6	-1	58	0	dr.	—	156
LUXOR	02	7	06	1	1	5	Ac	16.3	—	11.3	27	—	5	—	66	0	dr.	—	157
ASWAN	00	7	00	0	0	0	—	15.4	-3.2	9.7	27	+3	8	-2	40	0	1	—	158
SIWA	00	7	00	0	0	0	—	—	—	13.4	27	+7	1	-3	65	0	dr.	6	143
BAHARIYA	02	9	00	0	1	4	—	15.5	—	12.0	22	—	9	—	79	0	0	—	149
KHARGA	02	7	32	1	2	5	Ci	16.6	-2.4	9.3	23	0	6	0	57	0	dr.	tr.	151
DAKHLA	02	6	06	2	2	5	Ci	15.9	-3.8	6.0	23	0	4	-1	69	0	dr.	—	152
TOR	00	6	32	3	0	3	Cc	14.4	-3.3	12.6	21	0	8	-1	76	0	19	10	145
HURGHADA	02	8	28	2	2	5	Ci	14.6	-2.9	17.6	23	+1	11	+1	61	0	4	—	146
QUSEIR	01	7	25	2	0	1	Ci	15.2	-2.0	18.4	23	0	14	0	58	0	tr.	6	147
PORT SUDAN	00	—	28	1	0	0	—	14.6	-0.8	25.0	28	+1	20	+1	63	dr.	71	100	169
WADI HALFA	00	8	08	1	0	0	—	17.2	-1.5	9.8	25	0	5	-3	39	—	—	—	165
KAREIMA	00	8	32	2	0	0	—	14.1	-2.3	13.0	29	-1	9	-3	35	0	0	1	166
ATBARA	00	—	30	2	0	0	—	12.7	-1.9	20.0	30	-1	14	0	32	0	6	1	167
KHARTUM	00	8	02	2	0	0	—	13.5	-0.3	17.0	32	0	14	-1	26	0	dr.	5	168
KASSALA	00	8	02	2	0	0	—	10.0	-2.4	20.5	34	0	16	0	34	0	dr.	11	170
WAD MEDANI	00	—	04	4	0	0	—	12.2	-1.0	20.3	33	-1	—	—	22	0	2	13	171
DUEIM	00	—	—	4	0	0	—	13.9	+0.8	19.8	32	-2	16	+2	43	0	14	12	173
RENK																			182
ROSEIRES	00	—	22	1	0	0	—	8.6	-3.0	21.8	36	0	15	-1	43	0	27	37	172
EL OBEID	00	8	32	2	0	0	—	14.7	-0.8	15.0	31	0	12	+1	49	0	8	19	174
EL FASHER	00	—	26	2	0	0	—	—	—	13.8	33	+2	7	-3	18	0	0	8	175
GENEINA	01	8	06	2	0	3	Ac	—	—	12.7	36	—	11	—	25	0	dr.	—	179
KADUGLI																			187
MALAKAL	03	8	02	4	2	7	Cs	10.4	-0.8	22.6	35	-1	20	+2	16	0	83	93	176
WAU	00	—	08	1	0	0	—	9.3	-1.1	21.2	36	0	18	0	40	0	103	147	177
JUBA	01	8	00	0	0	4	Sc	9.6	-0.7	29.0	38	0	24	+3	40	0	231	142	178

UPPER WINDS — الرياح العليا

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

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	KHARTUM 7 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKAL 3 h. m.	JUBA 6 h. m.	Geneina 5 h. m.
							03.06.10	06.03.35	06.36.35	06.34.15	07.02.35	06.01.65	06.02.15	10.06.35
							06.07.25	10.32.20	10.02.25	10.36.10	10.04.35	10.03.50	10.04.15	15.07.20
							10.09.15	15.01.25	15.07.15	15.03.05	15.08.20	15.01.10	15.35.20	20.02.10
							15.13.10	20.36.25	20.01.15	20.05.05	20.01.10	20.03.10	20.32.15	30.32.15
							20.08.05	30.03.15	30.33.10		30.30.15	30.18.05	25.30.25	33.34.15
							30.34.25	40.02.15				34.36.10		
							40.36.50							
							50.36.80							
							53.35.65							

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 30th	Diff. from normal	Wet bulb temp °C on 30th	Diff. from normal
Alexandria	76	+11	14.8	+4.0
Ezbekiya	79	+13	11.5	+1.3
Giza	81	+12	11.4	+1.3
Helwan	67	+11	12.4	+3.4

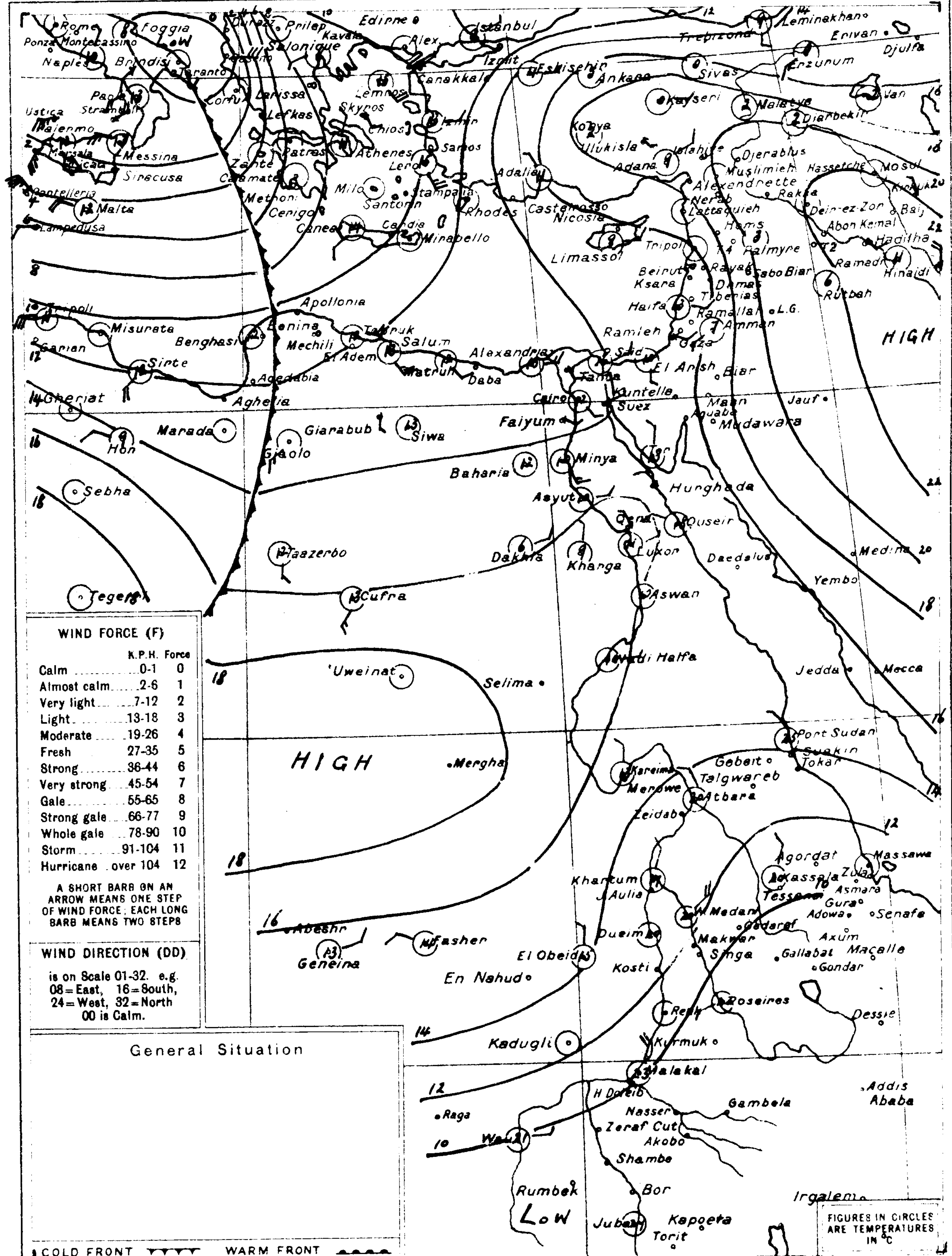
Giza Grass minimum on 31st 4.6 °C

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

DATE	1939	1938
31-1	1327	1101
30-1	1265	1098

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	31-1	13.40	+0.04	13.47	+0.05
Nasser	31-1	6.79	+1.15	6.96	+1.28
Malakal	31-1	12.08	+1.28	12.15	+1.32
Roseires	31-1	12.52	+0.62	12.54	+0.63
Sennar Res	31-1	20.69	—	20.69	—
J. Aulia U.S	31-1	375.09	—	375.11	—
J. Aulia D.S	31-1	372.05	+0.42	372.05	+0.40
Khartum	31-1	11.10	+0.47	11.11	+0.40
Kh. el Girba					
'Atbara	31-1	10.81	+0.36	10.82	+0.36
Kajnarti	31-1	133.93	+0.46	133.96	+0.47
Aswan Res.	31-1	121.06	—	121.03	—
Aswan D.S.	31-1	86.55	+0.19	86.47	+0.12
Roda (Cairo)	31-1	14.54	-0.34	14.57	-0.24

٣٩-١-٣١ Isobars, Wind and Temperature at 8 h. 31-1-39



SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 31st — الساعة ٨ يوم ٣١

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	6	08	2	4	4	—	15.0	-1.8	9	—	—	—	—	—	0	385	301
Haifa	02	—	10	2	—	5	—	15.4	-0.2	12.8	20	+2	10	+2	58	0	407	301
Gaza	02	8	12	2	4	4	Ac	15.8	-0.6	10	—	—	6	-2	75	—	—	264
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

Printed by the Survey & Mines Dept. 1938 (38/554)

CAIRO
Time of Sunrise 06 h. 45 m.
" " Sunset 17 h. 32 m.

feet in 5 M.

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY 1939 ١٩٣٩ شهر فبراير

At 14 h. on 31st — الساعة ١٤ يوم ٣١-١ / At 8 h. on WEDNESDAY 1st — الساعة ٨ يوم الاربعاء ١

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	18	6	14	6	3	2	Ci	6.6	22.2	22	00	6	24	6	0	0	—	9.3	-9.1	8.0	23	—	8	—	88	0	47	—	130
MATRUH	12	6	16	4	0	0	—	6.7	22.8	33	00	7	22	2	0	0	—	7.9	-10.3	12.1	24	+6	10	+2	78	0	68	118	131
DIKHEILA	01	8	16	2	1	1	Cu	9.6	21.8	39	05	6	22	5	1	4	Cu	8.8	—	14.0	23	—	12	—	69	0	61	—	150
ALEXANDRIA	01	9	12	3	2	3	Ac	9.1	20.8	55	02	8	20	7	2	4	Cu	7.9	-10.7	15.0	23	+4	13	+2	84	0	135	147	132
DAMIETTA											12	7	20	3	0	0	—	8.2	—	11.2	21	—	8	—	65	0	41	72	159
PORT SAID	01	7	04	3	1	2	Ac	10.6	20.6	64	00	7	20	6	0	0	—	8.0	-8.9	14.0	21	+2	8	-3	57	0	27	51	134
EL ARISH	01	7	28	2	1	3	Cu	10.6	20.6	68																		52	135
DAMANHUR											00	6	20	3	0	0	—	8.2	-9.4	11.4	23	+3	8	+1	83	0	13	65	136
MANSURA											00	8	20	1	0	0	—	8.6	—	11.0	24	+4	9	+2	62	0	24	30	137
TANTA	00	7	00	0	0	0	—	11.0	24.0	53	00	7	20	6	0	0	—	9.9	-8.2	12.0	25	+5	9	+2	65	0	15	23	138
ZAGAZIG	00	8	18	3	0	0	—	10.7	23.9	35	00	7	20	2	0	0	—	9.9	—	12.6	24	+4	9	+3	69	0	11	16	139
ALMAZA	01	8	18	6	1	3	Cs	11.2	21.8	53	05	7	18	5	1	5	As	10.8	—	13.5	23	—	10	—	63	0	2	—	141
EZBEKIYA	01	7	20	4	1	4	Cs	11.0	23.8	32	05	5	20	1	0	0	—	10.8	-8.2	13.2	25	+5	10	+3	53	0	4	15	—
GIZA											05	5	20	1	0	0	—	11.2	-8.3	12.9	24	+5	8	+2	56	0	3	16	—
HELWAN	01	7	16	4	1	3	Ac	10.8	21.9	28	05	6	12	1	0	0	—	12.0	-7.0	10.9	23	+4	9	+1	43	0	9	16	143
SUEZ	01	9	16	2	1	3	As	10.7	20.4	63	00	6	24	1	0	0	—	10.3	-8.0	18.2?	21	+1	13	+3	35	0	14	11	144
FAIYUM	02	8	18	2	1	5	Cu	11.0	22.9	35	00	7	16	1	0	0	—	12.4	-6.6	12.1	24	+3	9	+3	62	0	dr.	5	153
MINYA	03	7	12	4	2	8	Cs	12.3	20.0	45	00	5	32	1	0	0	—	13.3	-5.8	12.0	21	+1	10	+3	58	0	2	—	154
ASYUT	03	7	14	3	1	8	As	12.7	20.3	47	01	6	22	3	0	3	Sc	14.0	-5.9	12.0	22	+1	9	+3	57	0	2	3	155
QENA	02	8	08	2	2	4	Cu	13.6	23.0	44	03	7	24	3	1	7	Cu	12.6	-5.7	13.5	25	+2	8	+1	51	0	dr.	—	156
LUXOR	02	7	26	2	2	6	Cu	12.4	24.1	40	03	6	06	2	2	8	Sc	12.2	—	10.8	27	—	7	—	60	0	dr.	—	157
ASWAN	02	7	00	0	2	5	Cc	9.9	28.0	19	02	7	00	0	2	5	Cc	11.6	-7.0	15.0	30	+5	9	-1	49	0	1	—	158
SIWA	00	7	00	0	0	0	—	—	25.8	26	00	7	26	1	0	0	—	—	—	11.1	27	+7	8	+4	51	0	dr.	6	148
BAHARIYA	02	9	16	1	1	4	—	11.0	23.0	18	00	9	24	1	0	0	—	14.2	—	11.5	23	—	9	—	58	0	0	—	149
KHARGA	02	7	28	2	0	0	—	14.0	23.3	28	02	6	32	3	2	5	Ci	15.5	-3.5	17.2	25	+2	9	+3	50	0	dr.	tr.	151
DAKHLA	02	7	28	1	2	5	Ci	12.3	25.4	43	02	4	26	4	1	5	Cc	15.6	-4.1	12.3	27	+4	5	0	71	0	dr.	—	152
TOR	01	6	16	3	0	4	Cu	10.3	23.2	61	01	6	16	2	0	4	Cb	9.1	-8.6	20.5	26	+5	12	+3	74	0	19	10	145
HURGHADA																												—	146
QUSEIR	01	7	32	2	0	1	Ci	13.6	22.7	43	02	7	00	0	1	4	Ac	10.7	-6.5	21.4	25	+2	15	+1	39	0	tr.	6	147
PORT SUDAN	01	—	04	3	0	—	—	11	27	65	03	—	28	2	2	7	—	10.8	-4.5	25.4	28	+1	21	+2	65	0	71	100	169
WADI HALFA											01	8	00	0	1	4	Ac	13.9	-4.7	13.0	29	+4	10	+2	35	—	—	—	165
KAREIMA											00	8	26	2	0	0	—	12.4	-3.9	13.8	31	+1	11	-1	28	0	0	1	166
ATBARA	01	—	08	2	0	—	—	8	33	25	00	—	02	2	0	0	—	11.2	-3.3	21.3	33	+2	15	+1	56	0	6	1	167
KHARTUM											00	8	30	2	0	0	—	11.4	-2.4	19.6	35	+3	17	+2	20	0	dr.	5	168
KASSALA											00	8	02	3	0	0	—	9.6	-2.7	19.0	34	0	15	-1	63	0	dr.	11	170
WAD MEDANI	01	—	32	3	0	—	—	6	34	10	00	—	08	3	0	0	—	11.8	-1.4	19.3	35	+1	12	-3	31	0	2	13	171
DUEIM	01	—	—	2	0	—	—	8	32	35	00	—	—	3	0	0	—	13.8	+0.2	20.2	34	0	14	0	46	0	14	12	173
RENK	00	7	28	2	0	0	—	4.8	35	32									—	—	—		—	—					182
ROSEIRES	01	—	30	1	0	—	—	2	36	10	00	—	22	1	0	0	—	7.5	-4.0	21.7	37	+1	15	-1	34	0	27	37	172
EL OBEID											00	8	32	1	0	0	—	12.3	-3.1	15.8	32	+1	12	+1	50	0	8	19	174
EL FASHER											00	—	06	2	0	0	—	—	—	12.3	34	+3	7	-3	21	0	0	8	175
GENEINA	01	8	28	2	0	3	Ac	—	35	12	00	8	08	1	0	0	—	—	—	13.4	37	—	8	—	25	0	dr.	—	179
KADUGLI																													187
MALAKAL											01	8	02	3	2	4	Ac	9.1	-2.1	24.0	35	-1	17	-1	20	0	83	93	176
WAU	01	—	08	2	0	—	—	6	35	—	00	—	28	1	0	0	—	8.1	-2.3	20.2	37	+1	17	-1	50	0	103	147	177
JUBA	02	8	12	2	0	6	Sc	4.6	33	34	02	8	18	1	8	6	Sc	10.1	-0.2	24.2	35	-3	22	+1	83	dr.	231	142	178

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

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTUM 6 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKAL 6 h. m.	JUBA 6 h. m.	Geneina 7 h. m.
							03.33.05	06.05.40	06.01.35	06.06.15	07.02.30	06.01.40	06.36.10	10.04.25
							06.01.05	10.05.30	10.02.35	10.07.20	10.04.25	10.03.35	10.29.05	15.06.20
							10.27.15	15.08.20	15.05.15	15.09.30	15.14.10	15.03.10	15.00.00	20.03.15
							15.29.15	20.30.20	20.29.10	20.11.20	20.25.15	20.00.00		30.04.15
							20.31.10		30.26.15			30.28.05		40.07.25
							30.26.20		40.35.15			40.22.05		43.03.25
							40.23.25		50.02.15			50.16.25		
							43.25.35		60.00.00			51.17.35		
									63.18.10					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Humidity % on 31st/1	Humidity Diff. from normal	Wet Bulb Temp °C on 31/1	Wet Bulb Diff. from normal
Alexandria	62	-3	13.2	+2.4
Ezbekiya	57	-9	11.9	+1.7
Giza	57	-13	10.8	+0.7
Helwan	42	-14	10.5	+1.5

Giza Grass minimum on 1st 6.1 °C

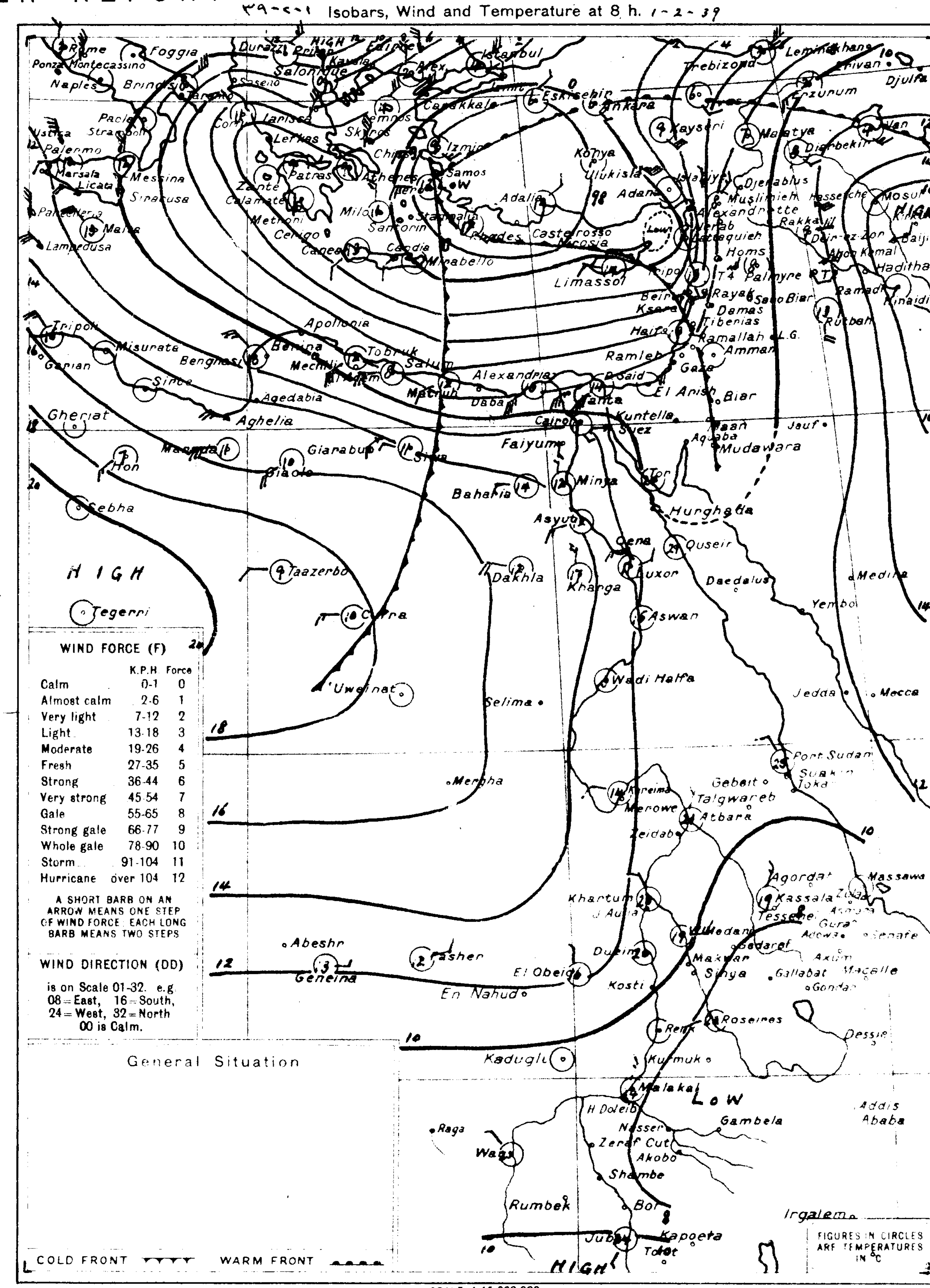
Discharges at Aswan measured by sluices per sec.

DATE	1939	1938
1-2	1656	1101
31-1	1327	1101

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1-2	13.40	+0.05	13.40	+0.04
Nasser	1-2	6.64	+1.04	6.79	+1.15
Malakal	1-2	12.00	+1.22	12.08	+1.28
Roseires	1-2	12.50	+0.62	12.52	+0.62
Sennar Res.	1-2	20.70	—	20.69	—
J. Aulia U.S	1-2	375.12	—	375.09	—
J. Aulia D.S	1-2	372.05	+0.44	372.05	+0.42
Khartum	1-2	11.11	+0.53	11.10	+0.49
Kh. el Girba					
'Atbara	1-2	10.80	+0.35	10.81	+0.36
Kajnarti	1-2	133.93	+0.51	133.93	+0.46
Aswan Res.	1-2	121.02	—	121.06	—
Aswan D.S.	1-2	87.02	+0.64	86.55	+0.17
Roda (Cairo)	1-2	14.54	-0.41	14.54	-0.31

Printed by the Survey & Mines Dept. 1938 (38/554)

٣٩-٢-١ Isobars, Wind and Temperature at 8 h. 1-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

At 8 h. on 1st — الساعة ٨ يوم ١

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	09	5	26	2	1	3	—	1.3	-15.5	14	—	—	—	—	—	0	385	307
Haifa	00	—	10	2	[illegible]	[illegible]	—	6.3	-9.2	18.8	23	+5	3	+5	59	0	407	517
Gaza	02	6	20	4	[illegible]	5	As	8.4	-8.0	17	—	—	10	+2	45	—	—	267
SHIPS سفن																		

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 44 m
" " Sunset 17 h 33 m

Month **FEBRUARY,** 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٤١٧ F.C. — 1417 F.C.

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

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM	30	3	24	8	5	5	Cb	7.5	17.0	56	00	6	24	3	5	0	—	16.6	-1.8	7.0	19	—	6	—	94	dr	47	—	130
	MATRUH	18	5	20	5	3	0	—	6.8	17.0	49	03	5	28	4	2	6	Ns	13.8	-4.4	15.7	19	+1	11	+3	82	1	69	119	131
	DIKHEILA	05	6	22	6	1	1	Cu	9.5	18.0	43	21	7	28	5	5	4	Cu	12.2	—	15.4	18	—	12	—	85	dr	61		150
	ALEXANDRIA	01	9	20	7	2	3	Cu	8.3	17.0	59	02	9	32	4	6	4	Cu	12.0	-6.5	16.2	19	0	14	+3	79	1	136	148	132
	DAMIETTA											02	7	20	3	5	5	Ac	12.0	—	12.2	20		10	—	76	dr	41	73	159
	PORT SAID	00	7	20	6	0	0	—	7.6	19.5	53	02	7	20	6	1	4	Ac	12.2	-4.6	13.3	21	+2	12	+1	67	0	27	51	134
	EL 'ARISH	05	6	30	2	0	0	—	10.0	21.0	49	05	6	18	3	1	4	Cu	14.0	—	14.4	21	—	13	—	57	0	71	53	135
Delta	DAMANHUR											02	4	20	3	1	5	Cu	12.4	-5.1	11.8	19	-1	10	+3	83	0	13	66	136
	MANSURA											01	8	20	1	1	3	Sc	12.6	—	11.5	20	0	10	+3	70	0	24	30	137
	TANTA	00	7	20	6	0	0	—	8.8	20.5	45	00	7	20	5	0	0	—	13.4	-4.6	12.0	21	+1	9	+2	76	0	15	23	138
	ZAGAZIG	00	8	20	1	0	0	—	8.8	20.9	41	00	7	20	1	0	0	—	13.6	—	12.2	21	+1	9	+3	72	0	11	16	139
Cairo	ALMAZA	01	8	22	6	1	3	Cu	9.9	20.1	55	05	6	18	5	0	0	—	14.3	—	12.7	21	—	11	—	68	0	2	—	141
	EZBEKIYA	01	8	20	4	0	1	Cu	9.6	20.6	30	00	5	14	2	0	0	—	14.3	-4.6	11.8	22	+2	11	+4	57	0	4	15	—
	GIZA	01	8	22	3	0	1	Cu	9.8	22.5	34	00	5	14	2	0	0	—	14.2	-5.2	12.8	23	+3	8	+2	57	0	3	16	—
Middle Egypt	HELWAN	01	7	22	5	0	2	Cu	9.1	19.9	28	05	6	12	3	0	1	Ac	15.4	-3.6	10.0	20	+1	8	0	47	0	9	16	143
	SUEZ	00	9	24	2	0	0	—	9.0	22.4	28	01	6	20	2	1	4	Cu	14.0	-4.3	15.2	23	+3	14	+4	51	0	14	11	144
Upper Egypt	FAIYUM	00	8	26	4	0	0	—	10.2	21.4	25	00	7	22	2	0	0	—	15.6	-3.4	11.9	22	+1	8	+2	59	0	dr	5	153
	MINYA	00	7	28	4	0	0	—	12.2	20.5	37	00	6	28	2	0	0	—	16.4	-2.6	12.0	21	+1	9	+2	54	0	2	—	154
	ASYUT	01	7	22	4	1	3	Sc	12.8	19.4	40	09	6	18	2	0	0	—	17.8	-2.1	10.2	21	0	6	0	72	0	2	3	155
	QENA	03	7	24	5	2	7	Cu	11.4	22.0	36	00	8	04	1	0	0	—	—	—	8.2	23	0	4	-3	81	0	dr	—	156
	LUXOR	03	6	26	5	2	8	Sc	12.2	20.2	45	00	7	22	3	0	0	—	17.8	—	10.5	22	—	5	—	51	0	dr	—	157
	ASWAN	01	7	02	2	1	3	Cu	9.9	24.0	18	00	7	00	0	0	0	—	18.7	+0.2	10.5	25	0	8	-2	40	0	1	—	158
Western Desert	SIWA	18	4	26	4	3	0	—	—	20.2	40	00	7	26	1	0	0	—	—	—	10.0	20	0	8	+4	62	0	dr	6	148
	BAHARIYA	30	9	24	2	0	0	—	12.7	20.2	24	00	9	24	1	0	0	—	16.7	—	12.0	23	—	8	—	65	0	0	.	149
	KHARGA	30	7	04	4	0	0	—	13.0	21.5	47	00	8	28	1	0	0	—	18.7	-0.3	7.2	22	-1	5	-1	68	0	dr	tr	151
	DAKHLA	14	4	28	5	0	0	—	14.0	21.2	55	05	4	00	0	0	0	—	19.5	-0.1	6.1	22	-1	5	0	68	0	dr	—	152
Red Sea	TOR	00	5	28	3	0	0	—	8.7	22.2	53	02	4	32	2	0	5	Sc	15.5	-2.1	12.5	23	+2	8	-1	60	0	19	10	145
	HURGHADA											05	7	22	3	0	0	—	16.0	-1.3	18.2	25	+3	10	0	44	0	1		146
	QUSEIR	02	7	24	1	1	4	Ac	9.6	25.9	30	00	7	24	2	0	0	—	16.3	-0.8	18.0	27	+4	13	-1	40	0	tr	6	147
	PORT SUDAN	01	—	08	3	8	3	—	8	28	75	02	—	32	4	1	4	—	13.8	-1.5	25.4	27	+2	20	+1	51	dr	71	100	169
North Sudan	WADI HALFA	01	8	28	5	1	2	—	12.3	25	16	00	8	32	2	0	0	—	19.5	+0.9	9.8	26	+1	7	-1	39	—	—	—	165
	KAREIMA	00	8	24	2	0	0	—	9.3	30	11	05	7	30	3	0	0	—	18.0	+1.7	15.0	31	+1	12	0	30	0	0	1	166
	ATBARA	01	—	04	2	0	3	—	7	33	25	00	—	32	5	0	0	—	14.8	+0.3	19.8	33	+2	16	+2	25	0	6	1	167
	KHARTUM	00	8	30	2	0	0	—	6.9	35	15	00	8	32	3	0	0	—	14.5	+0.7	18.2	35	+3	16	+1	29	0	dr	5	168
	KASSALA	00	8	04	3	0	0	—	4.3	34	18	00	8	04	2	0	0	—	11.2	-1.1	22.4	35	+1	17	+1	58	0	dr	11	170
Central Sudan	WAD MEDANI	01	—	30	3	0	3	—	5	34	15	00	—	02	4	0	0	—	13.0	-0.2	20.8	35	+1	17	+2	17	0	2	13	171
	DUEIM	01	—	—	3	0	3	—	7	34	35	00	—	—	4	0	0	—	14.0	+0.9	20.4	34	0	17	+3	51	0	14	12	173
	RENK	00	7	28	1	0	0	—	4.6	35	37																			182
	ROSEIRES	01	—	24	1	0	3	—	3	37	15	00	—	14	1	0	0	—	8.8	-2.7	22.8	38	+2	15	-1	37	0	27	37	172
	EL OBEID	00	8	32	3	0	0	—	5.9	32	33	00	8	32	1	0	0	—	14.5	-0.9	15.6	33	+2	13	+2	50	0	8	19	174
	EL FASHER	01	—	04	2	0	3	—	—	34	15	00	—	04	2	0	0	—	—	—	12.1	35	+4	7	-3	23	0	0	8	175
	GENEINA	01	8	06	3	0	1	Ac	—	34	03	02	7	06	3	0	5	Ac	—	—	14.8	36	—	12	—	13	0	dr	—	179
	KADUGLI																													187
S. Sudan	MALAKAL	01	8	26	3	1	3	Ac	4.3	36	13	01	8	32	1	0	2	Ac	11.2	-0.4	24.8	36	0	19	+1	38	0	83	93	176
	WAU	01	—	12	1	0	3	—	3	37	15	02	—	24	1	0	4	—	9.3	-1.1	25.0	37	+1	20	+2	68	0	103	147	177
	JUBA	03	8	30	2	8	7	Sc	7.7	26	69	03	8	18	2	1	7	Sc	10.7	+0.4	25.2	28	-10	23	+2	76	dr	231	142	178

UPPER WINDS (2nd)

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

	SALUM	MATRUH	DIKHEILA	CAIRO (Almaza)	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Geneina
Time	10 h.	h. m.	h. m.	10 h.	h. m.	h. m.	h. m.	4 h.	5 h.	7 h.	6 h.	6 h.	6 h.	6 h.	7 h.
	02.26.20			02.23.60				03.03.20	06.05.40	06.01.60	06.03.25	07.02.40	06.31.10	06.28.20	10.04.40
	[illegible].40			05.24.40				06.36.40	10.05.30	10.01.50	10.02.20	10.04.40	10.36.15	10.27.30	15.14.25
	[illegible]2.30			09.26.35				10.35.40	15.08.20	15.01.05	15.33.15	15.07.15	15.35.15	15.25.25	20.16.15
	[illegible]3.40			ent. Cb				13.01.55	20.30.15	20.34.15	20.29.10	20.23.15	20.35.15	20.23.15	30.25.05
										30.27.25			30.04.15	24.22.10	38.25.05
										40.23.15			40.36.05		
													50.23.10		
													51.33.15		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 1st	Diff. from normal	Wet Bulb Temp °C on 1st	Diff. from normal
Alexandria	68	+3	13.2	+2.3
Ezbekiya	42	-23	10.4	+0.1
Giza	47	-23	10.7	+0.6
Helwan	33	-22	8.4	-0.7

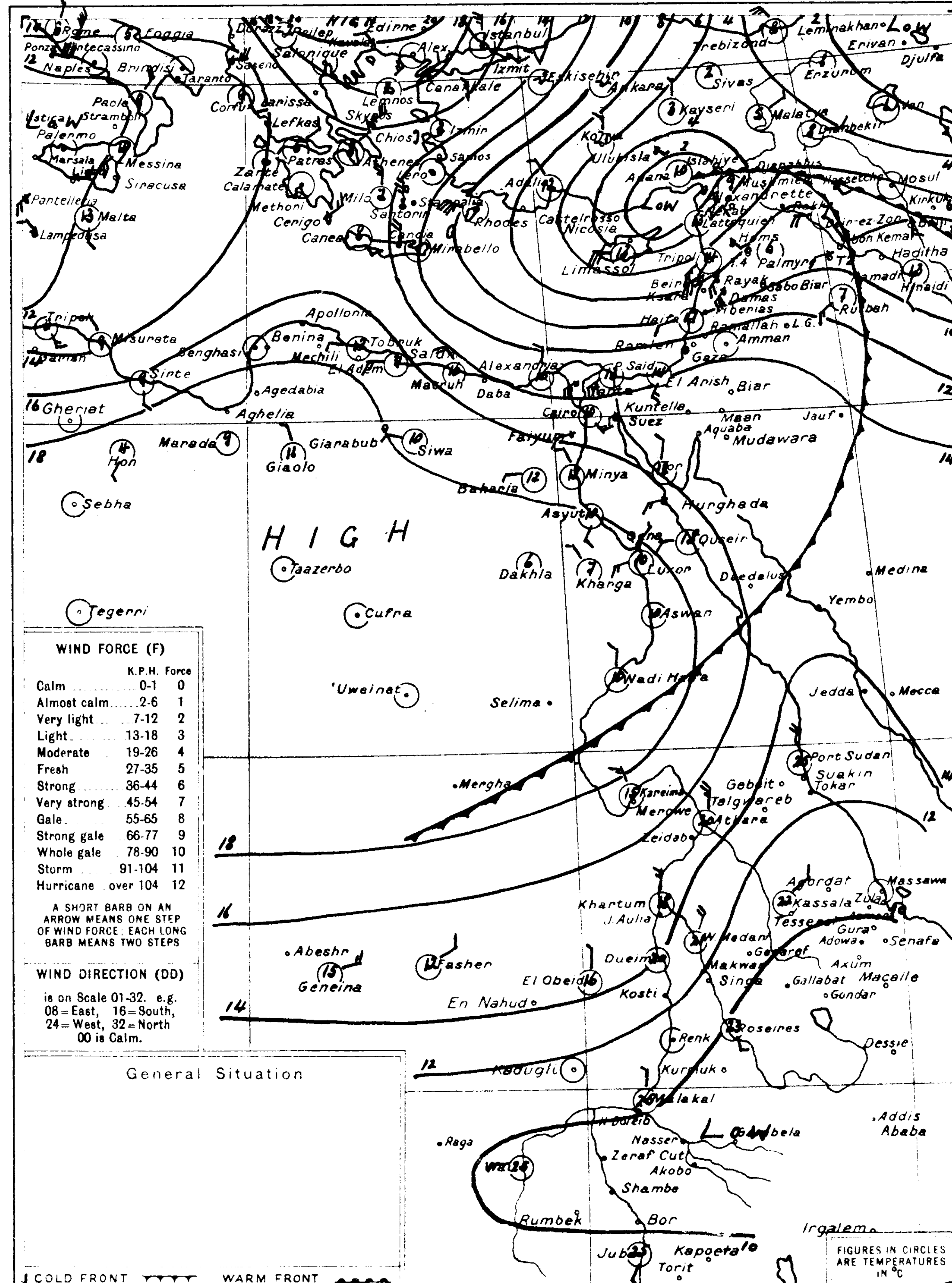
Giza Grass minimum on 2nd 7.0 °C

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

DATE	1939	1938
2 - 2	1410	1102
1 - 2	1656	1101

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	2.2	13.40	+0.05	13.40	+0.05
Nasser	2.2	6.51	+0.95	6.64	+1.04
Malakal	2.2	11.92	+1.16	12.00	+1.22
Roseires	2.2	12.48	+0.62	12.50	+0.62
Sennar Res	2.2	20.70	—	20.70	—
J. Aulia U.S	2.2	375.09	—	375.12	—
J. Aulia D.S	2.2	372.05	+0.46	372.05	+0.44
Khartum	2.2	11.10	+0.54	11.11	+0.53
Kh. el Girba					
Atbara	2.2	10.80	+0.36	10.80	+0.35
Kajnarti	2.2	133.92	+0.53	133.93	+0.51
Aswan Res.	2.2	121.00	—	121.02	—
Aswan D.S.	2.2	86.72	+0.34	87.02	+0.64
Roda (Cairo)	2.2	14.57	-0.46	14.54	-0.41

٣٩-٢-٢ Isobars, Wind and Temperature at 8 h. 2-2-39



SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 2nd — الساعة ٨ يوم ٢

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff from norm °C	Min. Today °C mm	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	24	6	8	2	—	4.8	-12.0	13	—	—	—	—	—	15	400	310
Haifa	03	—	22	2	—	8	—	9.5	-6.0	16.8	20	+2	13	+5	69	1	408	520
Gaza	01	8	00	0	1	4	Ac Cu	10.0	-6.3	14	—	—	10	+2	55	—	—	270
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise h 06 m 44
" " Sunset h 17 m 33

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

DAILY WEATHER REPORT

Month *FEBRUARY* 1939 ١٩٣٩ شهر فبراير

At 14 h. on *2nd* الساعة ١٤ يوم ٢ — At 8 h. on *FRIDAY 3rd* الساعة ٨ يوم الجمعه ٣

STATION	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	03	7	24	3	1	7	Ac	15.6	16.3	49	02	6	24	2	1	4	Ac	21.1	+2.7	9.2	18	—	7	—	83	0	47	—	130
MATRUH	02	7	28	5	1	4	Sc	14.3	16.8	70	01	7	16	1	0	3	As	20.6	+2.4	13.0	17	-1	10	+2	77	0	69	120	131
DIKHEILA	02	8	28	1	5	4	Sc	14.6	15.7	78	05	7	16	1	1	5	Sc	22.2	—	13.5	18	—	10	—	77	3	64	—	150
ALEXANDRIA	03	9	04	1	5	5	Ac	13.8	17.5	78	03	8	00	0	2	6	Ac	21.9	+3.4	14.0	18	-1	12	+1	81	1	137	149	132
DAMIETTA											04	7	22	2	1	0	—	21.1	—	10.2	17	—	7	—	91	dr.	41	74	159
PORT SAID	02	7	26	5	5	4	Ac	12.6	16.6	74	01	7	22	4	1	3	Ac	21.4	+4.6	13.0	18	-1	11	0	89	dr.	27	52	134
EL 'ARISH	05	6	22	3	1	4	Cb	13.8	18.2	69	02	7	24	2	1	5	Cu	20.8	—	12.8	20	—	11	—	88	2	73	53	135
DAMANHUR											01	5	20	1	1	2	Cu	21.9	+4.5	10.0	18	-2	8	+1	97	tr.	13	66	136
MANSURA											40	3	12	1	4	0	—	21.4	—	8.9	20	0	7	0	93	0	24	31	137
TANTA	00	8	00	0	0	0	—	11.4	20.3	47	00	8	00	0	0	0	—	23.1	+5.2	12.6	21	+1	7	0	89	0	15	24	138
ZAGAZIG											00	7	20	1	0	0	—	22.7	—	11.4	—	—	6	0	88	dr.	11	16	139
ALMAZA	02	8	24	4	2	4	Cb	13.9	19.7	68	00	7	12	2	0	0	—	21.6	—	12.1	20	—	7	—	83	0	2	—	141
EZBEKIYA	02	8	26	3	1	5	Cu	13.8	21.4	42	00	6	14	1	0	0	—	22.2	+3.3	10.7	23	+3	8	+1	89	0	4	15	—
GIZA	02	8	26	3	1	5	Cu	13.4	20.7	48	00	6	14	1	0	0	—	22.0	+2.6	10.4	23	+3	6	0	85	0	3	16	—
HELWAN	02	8	24	4	1	4	Cu	13.8	19.0	46	09	5	00	0	0	0	—	22.0	+3.1	10.3	21	+2	9	+1	85	0	9	16	143
SUEZ	02	8	22	2	1	5	Cu	13.0	20.7	41	00	6	02	2	0	0	—	22.3	+4.1	11.4	23	+3	9	-1	91	0	14	11	144
FAIYUM	02	8	32	5	1	5	Cu	14.6	19.4	53	08	4	00	0	4	0	—	22.7	+3.7	8.8	22	+1	6	0	89	0	dr.	5	153
MINYA	01	8	24	4	1	3	Cu	15.4	22.0	43	09	5	30	1	0	0	—	22.0	+3.0	9.5	23	+2	7	0	84	0	2	—	154
ASYUT	01	7	30	3	0	3	Ac	16.4	19.6	50	00	7	22	3	0	0	—	22.2	+2.4	10.0	22	+1	7	+1	74	0	2	3	155
QENA	00	8	24	3	0	0	—	16.8	21.8	37	00	8	26	1	0	0	—	21.2	+3.0	12.5	23	-1	8	+1	73	0	dr.	—	156
LUXOR	00	7	26	4	0	0	—	16.2	23.1	36	02	7	10	2	1	4	Cu	21.1	—	9.2	24	—	5	—	81	0	dr.	—	157
ASWAN	00	7	30	1	0	0	—	15.8	21.2	16	01	7	00	0	1	3	Ci	20.0	+1.5	11.8	23	-2	8	-2	56	0	1	—	158
SIWA	00	7	26	1	0	0	—	—	19.4	60	00	7	00	0	0	0	—	—	—	10.1	20	0	3	-1	61	0	dr.	6	148
BAHARIYA	02	9	24	1	1	4	—	16.4	19.0	46	00	9	00	0	0	0	—	22.4	—	9.0	20	—	4	—	73	0	0	—	149
KHARGA	00	8	32	1	0	0	—	15.8	21.3	33	00	8	00	0	0	0	—	21.9	+3.0	9.5	22	-1	5	-1	54	0	dr.	tr.	151
DAKHLA	05	5	28	3	0	0	—	15.9	20.8	67	05	4	—	—	—	—	—	21.8	+2.3	7.4	23	0	5	0	83	0	dr.	—	152
TOR	01	5	28	3	0	1	Cu	14.3	22.0	55	00	6	32	2	0	0	—	20.0	+2.4	13.6	23	+2	9	0	76	0	19	10	145
HURGHADA											01	9	28	3	0	3	St	20.3	+3.1	17.6	23	+1	10	0	66	0	1	—	146
QUSEIR	00	7	04	3	0	0	—	15.5	20.4	52	01	7	24	1	0	1	Ci	19.6	+2.6	18.4	23	0	13	-1	54	0	tr.	6	147
PORT SUDAN	01	—	04	5	0	3	—	12	27	65	03	—	30	4	2	7	—	17.1	+1.8	22.7	28	+1	21	+2	54	0	71	100	169
WADI HALFA	00	7	32	4	0	0	—	17.2	22	16	00	7	02	2	0	0	—	20.3	+1.8	10.2	24	-1	5	-3	62	—	—	—	165
KAREIMA	00	8	30	4	0	0	—	13.5	26	08	05	7	28	2	0	0	—	18.2	+2.0	12.9	27	-3	11	-1	25	0	0	1	166
ATBARA	01	—	32	4	0	3	—	11	29	10	00	—	32	3	0	0	—	15.6	+1.2	16.0	29	-2	13	-1	28	0	6	1	167
KHARTUM	00	8	32	3	0	0	—	8.3	34	18	05	7	32	2	0	1	Ci	15.4	+1.7	17.0	34	+2	15	0	26	0	dr.	5	168
KASSALA	00	8	04	3	0	0	—	5.4	34	27	00	8	04	2	0	0	—	11.1	-1.2	23.7	35	0	19	+3	53	0	dr.	11	170
WAD MEDANI	01	—	02	3	0	3	—	7	34	10	00	—	02	5	0	0	—	14.0	+0.9	19.2	34	0	—	—	51	0	2	13	171
[illegible]	01	—	—	3	0	3	—	8	33	35	00	—	—	4	0	0	—	14.6	+1.6	19.4	33	-1	16	+2	49	0	14	12	173
RENK	00	7	00	0	0	0	—	7.9	34	36									—		—		—						182
[illegible]	01	—	28	1	0	3	—	4	37	10	00	—	30	1	0	0	—	10.0	-1.4	21.5	38	+2	14	-2	26	0	27	37	172
[illegible]	00	8	04	2	0	0	—	9.5	31	37	01	8	32	1	0	4	Ci	15.2	-0.2	14.7	31	0	12	+1	39	0	8	19	174
[illegible]	01	—	06	2	0	3	—	—	32	10	00	—	02	2	0	0	—	—	—	14.3	33	+2	10	0	21	0	0	8	175
GENEINA	00	8	02	3	0	2	Ac	—	33	04	01	7	06	2	0	1	Ac	—	—	12.6	36	—	10	—	25	0	dr.	—	179
[illegible]																													187
MALAKAL	01	7	02	3	0	3	Ac	5.8	35	21	01	8	02	4	1	4	Ac	11.2	+0.1	22.9	35	-1	20	+2	14	0	83	93	176
WAU	03	—	08	1	0	7	—	5	34	35	01	—	32	1	1	4	—	10.5	+0.2	24.8	36	0	22	+4	62	0	103	148	177
JUBA	02	8	04	3	1	5	Cu Sc	5.7	34	36	02	8	18	3	0	5	Ac	10.7	+0.5	24.9	35	-3	21	0	63	0	231	143	178

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

	SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	*Geneina*
h. m.								4 h.	6 h.	7 h.	6 h.	6 h.	7 h.	6 h.	7 h.
								03.01.10	06.05.15	06.02.30	06.04.10	07.02.40	06.03.60	06.29.15	10.06.30
								06.05.35	10.04.20	10.03.40	10.02.20	10.04.35	10.03.60	10.30.25	15.15.20
								10.06.25	15.01.15	15.04.30	15.35.25	15.08.05	15.03.35	15.30.25	20.12.10
								15.07.25	20.02.20	20.34.20	20.32.15	20.05.10	20.05.15	20.31.15	30.01.15
								18.06.30	30.28.05	30.29.30	30.25.10		30.09.10	30.06.10	40.33.05
										40.25.25			40.11.25	40.09.10	50.18.10
										43.24.25			50.15.15	50.11.10	60.29.05
													60.22.10		68.25.25
													70.26.25		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 2nd	Diff. from normal	Wet bulb temp °C on 2nd	Diff. from normal
Alexandria	77	+12	14.0	+3.1
Ezbekîya	62	-3	11.7	+1.4
Gîza	63	-6	11.8	+1.7
Helwân	51	-4	10.2	+1.1

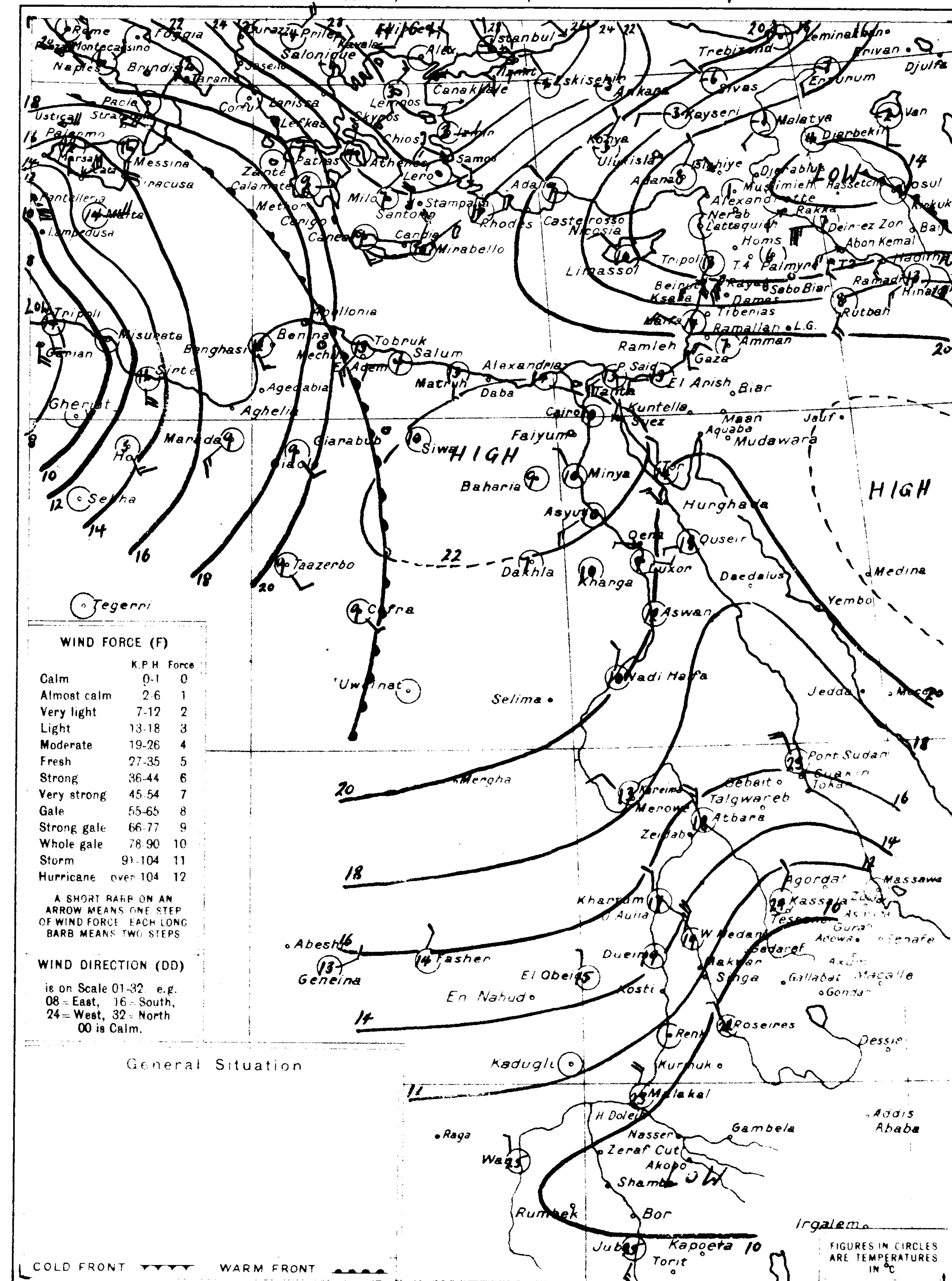
Gîza Grass minimum on 3rd 2.0 °C

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

DATE	1939	1938
3-2	1203	1101
2-2	1410	1102

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-2	13.40	+0.06	13.40	+0.05
Nâșser	3-2	6.42	+0.90	6.51	+0.95
Malakâl	3-2	11.86	+1.12	11.92	+1.16
Roșeires	3-2	12.46	+0.62	12.48	+0.62
Sennâr Res	3-2	20.69	—	20.70	—
J. Aulia U.S	3-2	375.07	—	375.09	—
J. Aulia D.S	3-2	372.05	+0.48	372.05	+0.46
Khartûm	3-2	11.08	+0.54	11.10	+0.54
Kh. el Girba					
'Atbara	3-2	10.80	+0.37	10.80	+0.36
Kajnarti	3-2	133.91	+0.56	133.92	+0.53
Aswân Res.	3-2	120.99	—	121.00	—
Aswân D.S.	3-2	86.38	-0.01	86.72	+0.34
Rôda (Cairo)	3-2	14.59	-0.52	14.57	-0.46

٢٩-٢-٣ Isobars, Wind and Temperature at 8 h. 3-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

WIND DIRECTION (DD)

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

At 8 h. on 3rd الساعة ٨ يوم ٣

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	28	2	0	2	—	17.0	+0.3	10	—	—	—	—	—	0	400	312
Haifa	03	—	26	3	—	7	—	19.4	+3.9	13.6	17	-1	13	+5	73	5	413	523
Gaza	03	6	14	2	6	6	Ac	20.6	+4.3	12	—	—	12	+4	25	Nala	—	272
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

Clear, slight [illegible]	0
Variable sky	1
[illegible]	2
[illegible] duststorm	3
Fog, thick [illegible] haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

[illegible]	
[illegible]	0
200 [illegible]	1
500 [illegible]	2
1 Kilometre	3
[illegible]	4
[illegible]	5
10 [illegible]	6
20 [illegible]	7
50 [illegible]	8
Visibility over 50 kms.	9

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 43 m
" " Sunset 17 h 34 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month *FEBRUARY*, 1939 ١٩٣٩ شهر فبراير

At 14 h. on 3rd — الساعة ١٤ يوم ٣

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
SALUM	02	8	00	0	0	4	Ac	21.2	19.2	41
MATRUH	01	7	32	2	1	3	Ac	20.0	18.6	72
DIKHEILA	01	8	32	2	2	3	Cu	22.0	16.5	69
ALEXANDRIA	02	9	00	0	2	4	Cu	21.6	18.7	62
DAMIETTA										
PORT SAÏD	01	7	30	3	1	2	Ac	—	17.5	57
EL ARISH	01	7	28	3	1	4	Cu	21.2	17.5	67
DAMANHUR										
MANSURA										
TANTA	02	6	00	0	1	5	Cu	21.2	20.0	55
[illegible]	01	7	30	1	1	4	Cc	22.0	19.9	50
ALMAZA	01	8	02	3	1	2	Cu	22.4	19.2	63
EZBEKIYA	01	9	02	3	1	3	Cu	21.1	20.5	45
GIZA	01	8	22	3	1	4	Cu	21.1	19.2	57
HELWAN	01	7	32	3	0	2	Cu	20.7	18.6	37
SUEZ	01	8	04	2	1	2	Cu	21.1	18.0	48
FAIYUM	01	8	06	2	0	3	—	20.6	20.0	52
MINYA	00	7	02	3	0	0	—	19.8	20.7	37
ASYUT	00	8	30	3	0	0	—	19.2	22.0	43
QENA	00	8	28	1	0	0	—	17.9	25.0	43
LUXOR	00	8	06	2	0	0	—	18.0	24.0	46
ASWAN	00	7	04	2	0	0	—	15.6	25.4	17
SIWA	00	7	26	1	0	0	—	—	22.0	36
BAHARIYA	00	9	00	0	0	0	—	20.2	21.0	41
KHARGA	00	8	04	3	0	0	—	19.4	22.4	32
DAKHLA	00	7	06	3	0	0	—	18.7	22.0	35
TOR	00	6	28	5	0	0	—	19.2	20.0	73
HURGHADA										
QUSEIR	00	7	02	3	0	0	—	18.6	21.6	60
PORT SUDAN	02	—	04	5	1	4	—	14	27	45
WADI HALFA										
KAREIMA										
ATBARA	01	—	04	2	0	3	—	10	32	25
KHARTUM	00	8	30	2	0	0	—	7.2	34	29
KASSALA	00	8	32	2	0	0	—	5.4	34	26
WAD MEDANI	01	—	02	3	0	3	—	7	34	10
DUEIM	01	—	—	3	0	3	—	9	33	35
RENK	00	7	28	2	0	0	—	8.3	35	32
ROSEIRES	01	—	22	1	0	3	—	4	36	10
EL OBEID	01	8	00	0	0	4	—	8.1	31	26
[illegible]	01	—	14	2	0	3	—	—	31	10
GENEINA	02	7	04	2	0	5	Ac	—	35	10
KADUGLI										
MALAKAL	01	8	02	4	1	4	Ac	6.6	34	7
WAU	01	—	04	1	0	3	—	6	35	10
JUBA	02	8	32	3	1	5	Cu,Ac	5.9	34	36

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

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	01	7	00	0	0	3	Cu	23.5	+5.2	10.8	20	—	9	—	92	0	47	—	130
MATRUH	01	7	14	3	0	2	Ac	21.9?	+3.7	11.6	19	+1	9	+1	80	0	69	121	131
DIKHEILA	05	7	12	2	1	2	Sc	24.0	—	11.0	18	—	9	—	77	dr	64	—	150
ALEXANDRIA	00	9	12	1	0	0	—	24.0	+5.6	12.0	20	+1	11	0	80	0	137	149	132
DAMIETTA	01	6	02	1	0	2	Ac	23.5	—	14.2	17	—	9	—	76	0	41	74	159
PORT SAÏD	00	8	28	3	1	0	—	23.8	+7.0	16.5	20	+1	10	-1	70	0	27	52	134
EL ARISH	00	7	00	0	0	0	—	24.0	—	9.3	18	—	7	—	84	0	73	54	135
DAMANHUR	01	5	04	1	1	2	Cu	24.2	+6.8	9.8	18	-2	8	+1	89	0	13	67	136
MANSURA	00	8	08	1	0	0	—	23.6	—	8.9	20	0	5	-2	95	0	24	31	137
TANTA	00	7	00	0	0	0	—	23.8	+6.0	9.5	22	+2	5	-2	94	0	15	24	138
[illegible]	00	7	04	1	0	0	—	23.9	—	9.9	20	0	5	-1	86	0	11	17	139
ALMAZA	05	7	08	4	0	0	—	22.8	—	13.0	20	—	9	—	74	0	2	—	141
EZBEKIYA	00	5	04	3	0	0	—	22.8	+4.0	10.4	22	+2	8	0	70	0	4	15	—
GIZA	05	5	26	1	0	0	—	23.0	+3.6	8.7	20	0	5	-1	78	0	3	16	—
HELWAN	00	7	06	5	0	0	—	22.2	+3.3	13.1	19	0	11	+3	51	0	9	16	143
SUEZ	00	7	30	2	0	0	—	23.1	+4.9	12.7	19	-1	8	-2	71	0	14	11	144
FAIYUM	00	7	06	2	0	0	—	22.6	+3.6	12.1	23	+2	7	+1	65	0	dr	5	153
MINYA	09	5	32	2	0	0	—	20.8	+1.9	8.6	21	0	6	-1	81	0	2	—	154
ASYUT	00	6	20	3	0	0	—	20.6	+0.8	9.2	23	+2	6	0	71	0	2	3	155
QENA	00	8	04	2	0	0	—	19.4	+1.3	12.8	27	+3	10	+3	59	0	dr	—	156
LUXOR	00	7	02	3	0	0	—	19.4	—	10.8	25	—	5	—	71	0	dr	—	157
ASWAN	00	7	02	1	0	0	—	18.3	-0.1	12.8	27	+2	10	0	68	0	1	—	158
SIWA	00	7	00	0	0	0	—	—	—	10.3	23	+3	7	+3	69	0	dr	6	148
BAHARIYA	00	9	00	0	0	0	—	22.3	—	11.0	21	—	8	—	75	0	0	—	149
KHARGA	00	8	04	1	0	0	—	19.4	+0.5	14.6	23	0	9	+3	52	0	dr	tr	151
DAKHLA	05	5	00	0	0	0	—	19.5	0.0	8.0	24	+1	5	0	62	0	dr	—	152
TOR	00	6	32	3	0	0	—	19.8	+2.3	12.3	20	-1	8	-1	71	0	19	10	145
HURGHADA	01	9	28	3	0	3	St	20.0	+2.8	17.2	22	0	10	0	51	0	1	—	146
QUSEIR	01	7	28	3	0	2	Cs	19.1	+2.2	18.8	22	-1	15	+1	59	0	tr	6	147
PORT SUDAN	02	—	30	3	2	5	—	16.0	+0.8	22.9	27	0	19	0	60	0	71	101	169
WADI HALFA	00	8	02	2	0	0	—	17.9	-0.6	11.6	25	0	8	0	54	—	—	—	165
KAREIMA	00	8	32	2	0	0	—	15.7	-0.5	15.0	29	-1	11	-1	30	0	0	1	166
ATBARA	00	—	02	2	0	0	—	14.4	0.0	19.3	32	+1	14	0	47	0	6	1	167
KHARTUM	05	7	02	2	0	0	—	12.9	-0.8	20.1	35	+3	17	+2	40	0	dr	5	168
KASSALA	00	8	02	3	0	0	—	11.1	-1.1	23.4	35	0	17	+1	66	0	dr	11	170
WAD MEDANI	00	—	04	4	0	0	—	11.6	-1.5	22.0	36	+2	16	+1	50	0	2	13	171
DUEIM	00	—	—	3	0	0	—	12.3	-0.7	20.8	34	0	18	+4	52	0	14	12	173
RENK	03	—	06	2	—	7	—	14	—	—	—	—	—	—	45	—	—	—	182
ROSEIRES	00	—	14	1	0	0	—	7.8	-3.6	22.4	38	+2	14	-2	45	0	27	37	172
EL OBEID	01	8	00	0	0	3	Ci	13.5	-1.8	16.6	32	+1	14	+3	34	0	8	19	174
[illegible]	00	—	04	2	0	0	—	—	—	15.3	34	+3	12	+2	21	0	0	8	175
GENEINA	01	8	08	2	0	3	Ac	—	—	12.5	37	—	11	—	25	0	dr	—	179
KADUGLI	00	7	20	4	1	2	Ac	11.5	—	21	36	—	15	—	27	—	—	—	187
MALAKAL	01	8	02	4	2	4	Ci	9.4	-1.6	24.1	35	-1	19	+1	18	0	83	93	176
WAU	00	—	32	1	0	0	—	9.3	-1.0	21.0	36	0	19	+1	49	0	103	148	177
JUBA	01	8	00	0	0	3	Ac	9.9	-0.3	24.4	35	-3	20	-1	67	0	231	143	178

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Geneina
7 h. m.	h. m.	8 h. m.	8 h. 30 m.	8 h. 30 m.	7 h. m.	7 h. m.	4 h. m.	4 h. m.	7 h. m.	6 h. m.	7 h. m.	7 h. m.	6 h. m.	5 h. m.
02 00 00		02 09 35	02 07 35	02 07 40	05 04 15	02 02 15	03 03 25	06 04 25	06 03 30	06 06 15	07 02 35	06 01 55	06 03 05	10 08 20
05 12 40		05 08 25	05 06 45	05 07 40	10 09 10	05 06 40	06 07 35	10 04 10	10 05 40	10 05 20	10 05 45	10 03 55	10 34 05	15 14 15
10 11 35		08 07 25	10 06 40	08 05 30	15 36 05	10 06 45	10 09 35	15 03 05	15 05 25	15 05 35	15 08 30	15 04 45	15 00 00	20 21 20
15 13 25			15 06 10	10 07 35	20 31 10	15 07 25	15 10 20	20 01 10	20 35 25	20 03 15	20 07 10	20 07 25		30 09 05
20 14 25			20 30 10	15 06 20			20 08 15		30 30 20		30 01 05	30 10 05		
25 20 25							30 26 35					40 13 20		
30 22 25							35 27 65					50 14 25		
35 23 45														
40 23 60														

Forecast for 24 hours from noon on 4th

On the coast moderate northeast winds veering to east or southeast.
Inland fresh northeast to east winds.
Clear or occasional medium cloud.
Normal temperature.
Further outlook: somewhat warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤
على الساحل رياح معتدلة شمالية شرقية ثم تتحول الى شرقية
أو جنوبية شرقية — وفي الداخل رياح نشطة شمالية
شرقية الى شرقية — السماء صحو أو يظهر بها بعض
السحاب المتوسط الارتفاع — درجة الحرارة حول المعدل.
وسيميل الطقس الى الدفء قليلا فيما بعد.

STATION	Mean of day: Humidity % on 3rd	Diff. from normal	Wet Bulb Temp °C on 3rd	Diff. from normal
Alexandria	75	+10	13.0	+2.1
Ezbekîya	70	+5	11.6	+1.3
Gîza	70	+1	11.6	+1.5
Helwân	63	+8	10.2	+1.1

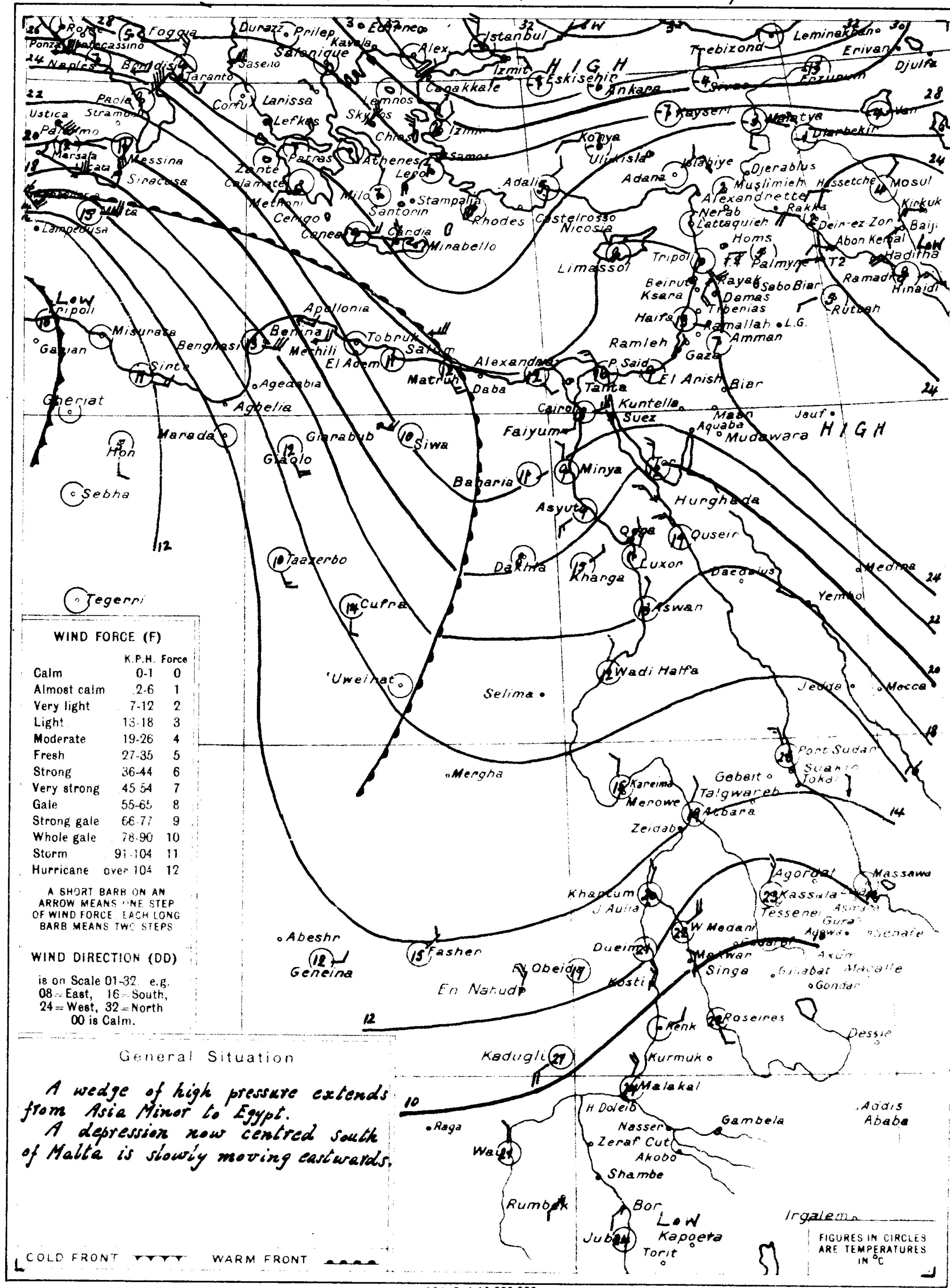
Gîza Grass minimum on 4th 1.9 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
4.2	1192	1100
3.2	1203	1101

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3.2	13.40	+0.06	13.40	+0.05
Nâsser	3.2	6.42	+0.90	6.51	+0.95
Malakâl	4.2	11.79	+1.08	11.86	+1.12
Roseires	4.2	12.44	+0.61	12.46	+0.62
Sennâr Res	3.2	20.69	—	20.70	—
J. Aulia U.S	3.2	375.07	—	375.09	—
J. Aulia D.S	3.2	372.05	+0.48	372.05	+0.46
Khartûm	3.2	11.08	+0.54	11.10	+0.54
Kh. el Girba					
'Atbara	3.2	10.80	+0.37	10.80	+0.36
Kajnarti	3.2	133.91	+0.56	133.92	+0.53
Aswân Res.	4.2	121.00	—	120.99	—
Aswân D.S.	4.2	86.35	-0.05	86.38	-0.01
Rôda (Cairo)	4.2	14.61	-0.61	14.59	-0.52

٣٩-٢-٤ Isobars, Wind and Temperature at 8 h. 4-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

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

General Situation

A wedge of high pressure extends from Asia Minor to Egypt.
A depression now centred south of Malta is slowly moving eastwards.

At 8 h. on 4th — الساعة ٨ يوم ٤

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm. °C	Minimum Today °C mm	Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	30	1	0	1	—	23.9	+7.2	8	—	—	—	—	—	0	460	315
Haifa	01	—	10	1	—	3	—	23.9	+8.4	12.7	17	-1	10	+2	71	dr.	413	526
Gaza	02	8	04	1	6	4	—	—	—	11	—	—	9	+1	85	Rain	—	275

SHIPS سفن: 73324 26306 08502 26958 61285 72010

Remarks

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear [illegible]	0
Variable sky	1
[illegible]	2
[illegible] duststorm	3
Fog [illegible] haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 42 m
" " Sunset 17 h 35 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month *FEBRUARY* 1939 ١٩٣٩ شهر فبراير

At 14 h. on *4th* الساعة ١٤ يوم ٤ — At 8 h. on *SUNDAY 5th* الساعة ٨ يوم الاحد ٥

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	01	8	04	3	0	3	Cu	22.7	15.4	72	13	7	06	5	2	8	Cb	20.0	+1.7	13.9	16	—	10	—	79	0	47	—	130
MATRUH	01	7	06	4	1	3	Ac	—	18.2	71	03	5	02	3	2	7	Ns	18.2	+0.1	15.0	19	+1	11	+3	83	0	69	121	131
DIKHEILA	01	8	04	4	1	4	Cu	22.7	16.8	69	03	8	06	2	1	5	Ac	19.1	—	12.4	19	—	9	—	85	0	64	—	150
ALEXANDRIA	02	9	04	4	2	4	Cu	22.3	19.3	61	02	8	08	3	2	5	Ac	18.8	+0.4	12.8	21	+2	11	0	81	0	137	150	132
DAMIETTA											02	7	08	3	2	5	Ac	19.0	—	15.1	18	—	13	—	68	0	41	75	159
PORT SAÎD	00	8	04	2	0	0	—	22.6	20.0	55	01	8	04	5	1	3	Sc	19.2	+2.5	16.2	21	+2	13	+2	65	0	27	53	134
EL 'ARISH	01	7	04	2	1	3	Cu	22.6	17.2	73	01	7	00	0	1	4	Cu	19.0	—	9.9	20	—	8	—	74	0	73	55	135
DAMANHÛR											03	4	04	1	2	8	As	19.5	+2.2	10.8	20	0	8	+1	90	0	13	68	136
MANSURA											01	7	02	1	1	4	Sc	18.8	—	10.0	21	+1	8	+1	86	0	24	32	137
TANTA	2	7	02	2	1	5	Cu	21.9	20.0	55	02	6	00	0	1	5	Cs	19.0	+1.2	9.5	21	+1	8	+1	94	0	15	24	138
ZAGAZIG	02	8	04	1	1	4	Cc	21.6	20.1	57	03	7	04	1	2	8	Sc	19.1	—	9.6	20	0	7	+1	91	0	11	17	139
ALMAZA	01	8	04	6	0	3	Cu	21.1	19.7	34	03	8	06	3	1	7	As	17.8	—	11.8	20	—	9	—	69	0	2	—	141
EZBEKIYA	00	8	04	5	0	0	—	20.7	21.0	41	03	6	06	1	1	6	St	17.1	-1.7	11.8	22	+2	10	+2	73	0	4	16	—
GIZA	00	8	04	3	0	0	—	20.7	20.2	43	03	5	32	2	2	8	Cs	17.2	-2.1	10.9	21	+1	8	+2	83	0	3	16	—
HELWAN	00	8	04	6	0	0	—	19.9	19.9	33	02	7	28	2	1	4	As	16.2	-2.6	13.3	20	+1	10	+2	59	0	9	17	143
SUEZ	00	9	02	2	0	0	—	20.2	20.3	44	02	7	28	2	1	5	As	17.4	-0.8	11.7	22	+2	10	0	78	0	14	11	144
[illegible]YÛM	00	8	06	3	0	0	—	19.6	22.7	33	03	6	00	0	2	7	Sc	16.6	-2.3	11.0	23	+2	8	+2	75	0	dr.	5	153
MINYA	00	8	30	3	0	0	—	18.4	23.3	27	01	6	02	2	1	3	Ac	15.8	-3.1	10.0	24	+3	8	+1	83	0	2	—	154
ASYUT	00	8	28	3	0	0	—	18.0	24.0	39	02	6	22	3	1	4	As	15.9	-3.9	9.3	25	+4	8	+2	83	0	2	3	155
QENA	00	8	24	1	0	0	—	17.1	27.0	33	01	8	26	1	1	4	Cu	15.8	-2.2	13.7	28	+4	10	+3	57	0	dr.	—	156
LUXOR	00	7	04	3	0	0	—	16.2	26.2	40	02	7	12	2	1	5	Sc	15.9	—	10.1	28	—	5	—	73	0	dr.	—	157
ASWAN	00	7	30	1	0	0	—	14.0	26.7	27	00	7	32	1	0	0	—	14.0	-4.4	12.3	28	+3	10	0	52	0	1	—	158
SIWA	00	7	26	2	0	0	—	—	20.8	62	02	7	—	3	1	5	Cu	—	—	14.0	23	+3	10	+6	78	0	dr.	6	148
[illegible]ARIYA	00	9	08	1	0	0	—	18.3	23.0	31	02	9	00	0	1	4	—	16.8	—	10.0	23	—	6	—	80	0	0	—	149
[illegible]ARGA	00	8	08	3	0	0	—	16.7	25.3	31	00	8	28	1	0	0	—	14.8	-4.0	13.6	26	+3	8	+2	45	0	dr.	tr.	151
[illegible]	05	7	14	1	1	2	Ci	16.6	26.0	27	02	6	00	0	2	5	Cc	15.6	-3.8	10.0	28	+5	7	+1	62	0	dr.	—	152
[illegible]	00	6	28	4	0	0	—	17.4	21.2	73	01	6	32	2	0	1	Cc	15.2	-2.3	14.1	21	0	8	-1	65	0	19	10	145
[illegible]											01	9	30	3	1	3	Ci	15.6	-1.5	17.4	22	0	10	0	62	0	1	—	146
[illegible]	00	7	32	3	0	0	—	17.5	21.4	71	01	7	28	2	0	1	Ci	16.0	-0.8	18.0	22	-1	13	-1	56	0	tr.	6	147
PORT SUDAN	01	—	04	3	0	3	—	12	26	60	01	—	28	3	1	4	—	14.0	-1.2	24.2	28	+1	19	0	62	0	71	101	169
[illegible]	00	7	02	2	0	0	—	14.1	28	35	00	8	04	1	1	2	Ci	15.2	-3.3	11.8	29	+4	7	-1	54	—	—	—	165
[illegible]	00	8	02	2	0	0	—	12.1	30	21	00	8	02	1	0	0	—	14.0	-2.1	18.0	32	+2	14	+2	36	0	0	1	166
[illegible]	01	—	02	2	0	3	—	9	32	10	00	—	04	2	0	0	—	13.3	-1.1	20.6	32	+1	15	+1	53	0	6	1	167
[illegible]	05	7	04	3	0	0	—	7.0	36	20	05	7	02	2	0	0	—	12.3	-1.4	20.7	36	+3	17	+1	41	0	dr.	5	168
[illegible]	00	8	02	3	0	0	—	5.9	35	24	00	8	02	2	0	0	—	9.9	-2.3	22.4	35	0	15	-1	58	0	dr.	11	170
[illegible]	01	—	02	4	0	3	—	6	36	10	00	—	04	3	0	0	—	11.1	-1.9	20.4	37	+3	13	-2	35	0	2	13	171
[illegible]	01	—	—	2	0	3	—	7	35	45	00	—	—	3	0	0	—	11.8	-1.2	20.4	35	+1	18	+4	59	0	14	12	173
[illegible]	00	7	28	3	0	0	—	5.6	37	18	00	7	10	1	0	0	—	10.8	—	21	38	—	16	—	57	0	—	—	182
[illegible]	01	—	06	1	0	3	—	3	38	10	00	—	12	1	0	0	—	9.6	-1.8	21.3	39	+3	14	-2	49	0	27	37	172
[illegible]	00	8	04	3	0	0	—	63	33	44	00	8	04	1	0	0	—	12.3	-3.0	19.2	34	+3	14	+3	46	0	8	19	174
[illegible]	01	—	08	1	0	3	—	—	35	—	00	—	06	2	0	0	—	—	—	17.1	36	+5	12	+2	24	0	0	8	175
[illegible]	01	7	02	1	1	4	Ac	—	34	10	00	7	04	2	0	0	—	—	—	11.7	37	—	10	—	25	0	dr.	—	179
[illegible]	00	7	04	5	0	1	—	5.6	35	24	00	7	28	4	0	2	Ac	10.6	—	20	36	—	17	—	55	0	—	—	187
[illegible]	01	8	04	4	1	3	Ac	4.4	39	12	00	8	02	4	0	0	—	9.6	-1.4	23.9	37	+1	21	+3	23	0	83	93	176
[illegible]	01	—	04	3	0	3	—	4	37	—	01	—	24	1	0	4	—	8.4	-1.8	22.5	38	+2	19	+1	45	0	103	148	177
[illegible]	02	8	10	2	0	4	Cu	3.6	37	26	01	8	16	2	0	4	Ac	9.0	-1.2	27.3	38	0	23	+2	56	0	231	143	178

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 4th
7 h. m.	7 h. m.	h. m.	8 h. 30 m.	8 h. 30 m.	7 h. m.	7 h. m.	4 h. m.	5 h. m.	7 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	13 h. 00 m.
02.07.35	02.06.25		02.07.35	02.08.05	05.13.05	02.01.15	03.05.10	06.36.30	06.04.25	06.07.20	07.01.25	06.03.50	06.01.15	02.04.15
05.09.45	05.07.30		05.08.40	05.09.30	10.00.00	05.03.15	06.08.25	10 36.35	10.05.25	10.03.25	10.02.35	10.05.80	10.01.20	05 10.30
Ent. Cb.			10.10.20	08.08.15	15.26.10	10.09.10	10.13.20	15.34.30	15.04.15	15.02.15	15.04.35	15.05.60	15.35.10	10.11.35
			15.18.05	10.11.05	20.21.10	15.29.10	15.20.10	20.31.20	20.05.05	20.36.10	20.07.10	20.05.55	20.35.15	
			20.24.15	15.13.05		20.30.10	20.31.05		30.29.10	30.31.05		30.07.25	30.28.25	
			25.27.20	20.25.10		25.23.10	25.30.30		40.33.15			34.09.15	40.26.30	
			30.28.30	23.24.10		30.18.05			50.34.15				50.27.25	
				25.26.10					60.28.10					
				30.28.30										
				40.27.50										

Forecast for 24 hours from noon on *5th*

Fresh northeast winds, veering later to east or southeast.
Some high cloud, increasing.
Slightly warmer tomorrow.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٥
رياح نسيمية شمالية شرقية ثم تتحول الى شرقية أو جنوبية شرقية
يظهر بعض السحاب العالى ويتكاثر
ترتفع درجة الحرارة قليلا باكر.

STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet Bulb Temp °C on 4th	Diff. from normal
Alexandria	76	+11	12.4	+1.5
Ezbekîya	60	-5	11.0	+0.6
Gîza	65	-3	10.7	+0.6
Helwân	52	-3	10.5	+1.4

Gîza Grass minimum on *5th* 6.8 °C

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

DATE	1939	1938
5-2	1411	1102
4-2	1192	1100

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-2	13.40	+0.06	13.40	+0.06
Nâsser	4-2	6.32	+0.83	6.42	+0.90
Malakal	5-2	11.70	+1.01	11.79	+1.08
Roseires	5-2	12.43	+0.61	12.44	+0.61
Sennâr Res.	4-2	20.70	—	20.69	—
J. Aulia U.S	4-2	375.13	—	375.07	—
J. Aulia D.S	4-2	372.04	+0.49	372.05	+0.48
Khartûm	4-2	11.07	+0.55	11.08	+0.54
Kh. el Girba					
'Atbara	5-2	10.79	+0.38	10.79	+0.37
Kajnarti	4-2	133.89	+0.58	133.91	+0.56
Aswân Res.	5-2	121.03	—	121.00	—
Aswân D.S.	5-2	86.58	+0.18	86.35	-0.05
Rôda (Cairo)	5-2	14.70	-0.60	14.61	-0.61

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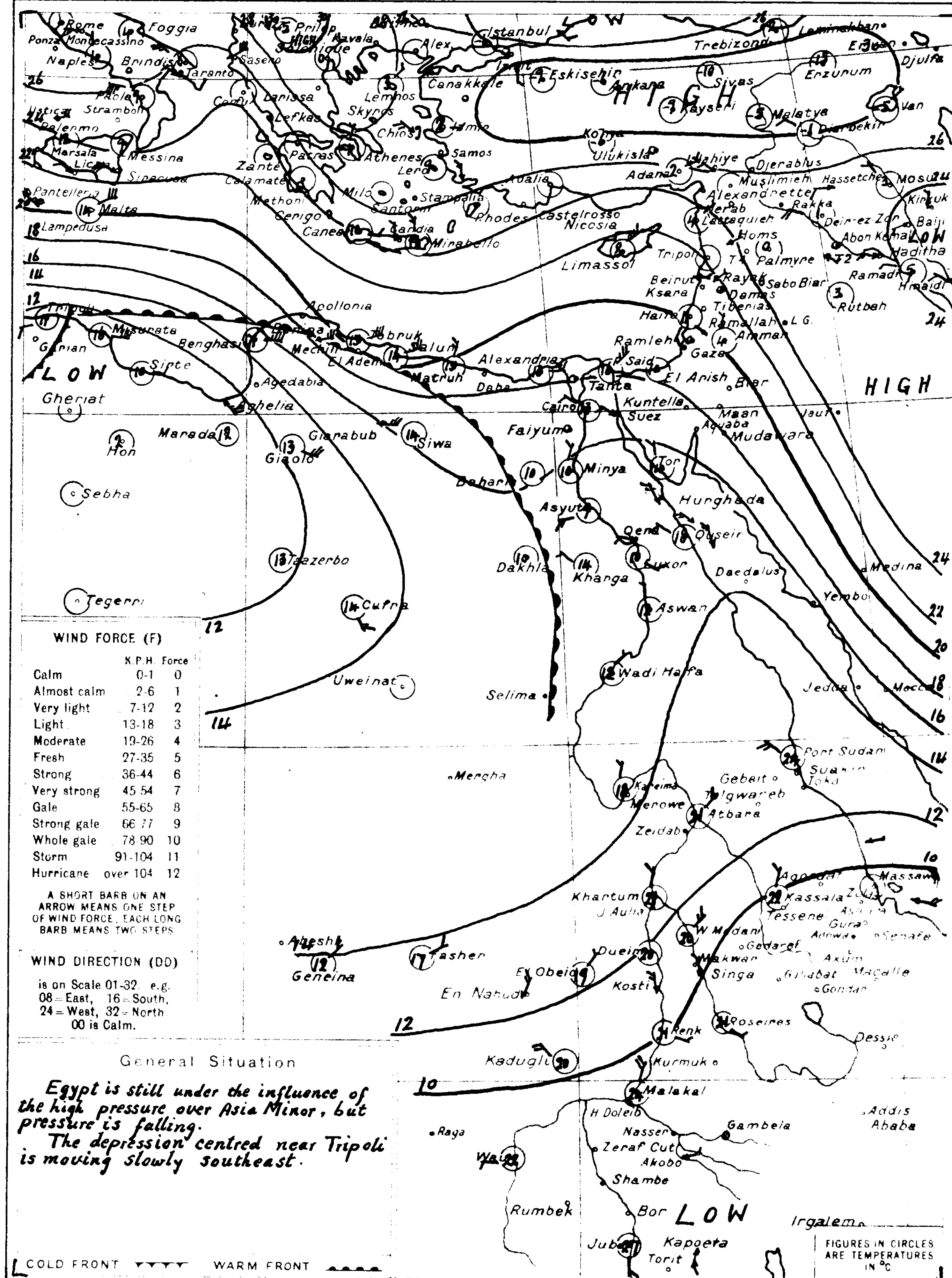
٥-٢-١٩٣٩ Isobars, Wind and Temperature at 8 h. *5-2-1939.*



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

Egypt is still under the influence of the high pressure over Asia Minor, but pressure is falling.
The depression centred near Tripoli is moving slowly southeast.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

At 8 h. on *5th* الساعة ٨ يوم ٥

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	02	6	04	3	1	4	—	21.4	+4.8	8	—	—	—	—	—	0	400	318
Haifa	01	—	18	2	—	3	—	20.3	+4.9	11.2	17	-1	8	0	61	0	413	529

SHIPS سفن: 13258 35106 30400 13974

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

Clear [illegible]	0
[illegible]	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
Rain	6
[illegible]	7
[illegible]	8
[illegible]	9

VISIBILITY (V)

[illegible]	0
[illegible]	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
[illegible]	6
[illegible]	7
[illegible]	8
[illegible]	9

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 42 m
" " Sunset 17 h 36 m

Month FEBRUARY, 1939 — ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 5th — الساعة ١٤ يوم ٥ | At 8 h. on MONDAY 6th — الساعة ٨ يوم الاثنين ٦

STATION	ww	V	DD	F	W	N	C	PPP	TTT	UU	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	UU	Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN																													
SALUM	13	7	04	5	2	6	Cb	18.4	15.6	59	13	6	02	5	2	8	Cb	16.0	-2.3	14.0	16	—	12	—	76	0	47	—	130
MATRUH	03	6	06	4	2	8	NS	16.0	17.0	79	03	6	02	4	2	8	Cb	13.4	-4.7	15.1	17	-1	13	+5	86	0	69	122	131
DIKHEILA	02	8	04	5	1	5	Ac	17.6	16.7	70	02	8	00	0	2	5	Cu	14.0	—	13.5	19	—	9	—	77	0	64	—	150
ALEXANDRIA	03	9	08	6	2	5	Ac	16.8	18.1	56	03	8	08	2	2	6	As	13.6	-4.7	13.7	20	+1	12	+1	71	0	137	151	132
DAMIETTA											03	7	04	2	2	6	As	12.6	—	14.8	17	—	13	—	75	0	41	76	159
PORT SAID	02	8	04	5	1	4	Cc	16.7	18.2	62	02	8	04	2	1	5	Sc	12.7	-4.0	15.5	19	0	14	+3	74	0	27	53	134
EL ARISH	02	7	02	2	1	5	Cu	18.6	15.5	76	03	7	00	0	1	6	Cu	—	—	10.3	16	—	8	—	85	0	73	56	135
LOWER EGYPT																													
DAMANHUR											02	5	04	1	2	5	Cu	13.6	-3.6	11.8	19	-1	9	+2	87	0	13	69	136
MANSURA											02	5	04	1	1	4	Sc	13.3	—	12.9	19	-1	9	+2	78	0	24	32	137
TANTA	02	7	04	2	1	5	Sc	16.0	19.8	53	03	6	00	0	1	6	Ac	12.8	-4.8	12.0	20	0	8	+1	76	0	15	25	138
ZAGAZIG	01	8	04	3	1	3	Cc	16.0	19.2	60	01	7	30	1	1	3	Cc	12.7	—	12.3	19	-2	8	+2	88	0	11	17	139
MIDDLE EGYPT																													
CAIRO: ALMAZA	03	8	04	7	1	6	Ci	15.2	19.0	38	05	6	02	1	1	4	Sc	12.8	—	10.2	20	—	8	—	74	0	2	—	141
CAIRO: EZBEKIYA	02	8	04	5	2	5	Cc	14.6	20.2	41	01	5	32	1	1	3	Ac	12.4	-6.4	10.3	22	+2	9	+1	83	0	4	16	—
CAIRO: GIZA	03	7	32	3	2	6	Cs	14.4	19.6	44	05	5	32	1	1	5	Ac	12.2	-7.1	10.2	21	+1	7	+1	89	0	3	17	—
HELWAN	03	8	04	6	1	6	Cc	13.4	19.2	36	01	6	04	6	0	3	Ac	10.8	-7.9	12.9	20	0	10	+2	76	0	9	17	143
SUEZ	02	9	28	3	1	4	As	14.0	20.9	43	00	7	28	3	0	0	—	11.5	-6.7	13.4	22	+2	10	0	76	0	14	11	144
UPPER EGYPT																													
FAIYUM	02	7	04	3	2	5	Sc	13.8	22.4	37	00	6	32	3	0	0	—	11.1	-7.8	11.0	23	+2	7	+1	81	0	dr	5	153
MINYA	01	7	32	3	1	3	Cu	13.1	22.4	30	09	4	32	1	1	3	Cu	10.3	-8.5	9.0	23	+2	7	0	84	0	2	—	154
ASYUT	02	8	30	2	1	4	As	13.0	23.4	49	01	6	06	3	1	4	As	10.2	-9.5	11.2	26	+5	7	+1	53	0	2	3	155
QENA	02	8	22	1	1	4	Cu	13.3	25.2	34	01	8	06	1	1	3	Ac	11.6	-6.3	10.0	28	+4	6	-1	69	0	dr	—	156
LUXOR	02	7	10	2	1	5	Cu	12.6	26.8	38	02	7	06	1	1	4	Cb	11.1	—	10.0	28	—	5	—	74	0	dr	—	157
ASWAN	01	7	28	1	1	3	Cu	9.9	27.6	29	02	7	00	0	1	3	Cu	9.5	-8.9	14.2	30	+5	11	+1	45	0	1	—	158
WESTERN DESERT																													
SIWA	02	7	06	4	2	5	Cu	—	20.3	55	03	7	26	1	2	8	Cu	12.4	-6.5	14.0	23	+2	10	+6	57	0	dr	6	148
BAHARIYA	02	9	00	0	1	4	—	14.3	24.0	33	02	9	00	0	1	4	—	11.8	—	8.9	24	—	5	—	88	0	0	—	149
KHARGA	02	7	32	1	1	5	Cc	12.0	25.6	33	02	7	00	0	1	4	Cc	10.7	-8.1	12.8	28	+5	7	+1	49	0	dr	tr	151
DAKHLA	02	8	12	2	2	5	Ce	11.9	25.3	15	02	6	00	0	1	4	Ci	10.0	-9.4	10.0	28	+5	7	+1	41	0	dr	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	12.6	22.0	58	00	6	32	2	0	0	—	10.7	-6.8	12.5	22	+1	8	-1	60	0	19	10	145
HURGHADA											00	9	28	1	0	0	—	10.8	-6.2	15.6	23	+1	8	-2	54	0	1	—	146
QUSEIR	01	7	32	2	1	4	Ac	13.9	21.8	58	00	7	00	0	0	0	—	11.5	-5.3	19.4	23	0	14	0	59	0	tr	6	147
PORT SUDAN	02	—	06	3	0	—	—	11	27	65	00	—	32	1	0	0	—	11.5	-3.7	25.3	28	+1	20	+1	80	0	71	101	169
NORTH SUDAN																													
WADI HALFA	00	8	32	1	0	0	—	11.6	29	24	00	7	28	2	0	0	—	10.7	-7.7	13.0	31	+5	10	+2	55	—	—	—	165
KAREIMA	00	8	02	2	0	0	—	9.6	32	19	00	8	24	1	0	0	—	11.3	-4.8	16.4	34	+4	13	+1	41	0	0	1	166
ATBARA	01	—	30	2	0	—	—	8	33	25	00	—	02	2	0	0	—	11.6	-2.7	21.0	33	+2	16	+2	41	0	6	1	167
KHARTUM	00	8	02	3	0	0	—	6.0	35	14	00	8	04	1	0	0	—	10.2	-3.4	22.0	37	+4	18	+3	36	0	dr	5	168
KASSALA	00	9	32	2	0	0	—	5.0	36	22	00	8	02	3	0	0	—	10.0	-2.1	22.2	36	+7	16	+8	43	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	32	3	0	—	—	5	36	—	00	—	08	3	0	0	—	9.6	-3.4	22.4	37	+3	15	0	32	0	2	13	171
DUEIM	02	—	—	2	0	—	—	8	35	10	00	—	—	3	0	0	—	9.9	-3.1	22.2	36	+2	16	+2	68	0	14	12	173
RENK	00	7	28	1	0	0	—	4.3	38	10																			182
ROSEIRES	01	—	04	1	0	—	—	2	38	—	00	—	22	1	0	0	—	8.6	-2.8	21.0	39	+3	14	-2	47	0	27	37	172
EL OBEID	00	8	06	3	0	0	—	5.2	35	37	00	8	00	0	0	0	—	10.8	-4.5	20.7	36	+5	15	+4	41	0	8	19	174
EL FASHER	02	—	08	2	0	—	—	—	37	—	00	—	26	2	0	0	—	—	—	16.8	37	+6	12	+2	25	0	0	8	175
GENEINA	00	8	08	2	0	0	—	—	35	4	00	7	08	1	0	0	—	—	—	13.0	38		11		35	0	dr	—	179
KADUGLI																													187
S. SUDAN																													
MALAKAL	00	8	08	4	0	0	—	4.2	35	20	01	8	02	3	1	3	Ac	9.0	-2.0	24.3	38	+2	20	+2	21	0	83	93	176
WAU	01	—	04	2	0	—	—	4	35	10	00	—	12	1	0	0	—	8.9	-1.3	24.0	38	+2	20	+2	50	0	103	148	177
JUBA	02	8	08	3	0	4	Cu	3.7	37	26	01	8	18	3	0	4	Ac	8.7	-1.5	26.7	38	0	23	+2	56	0	231	143	178

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	Salum 5th 13 h.
02.03.25	02.04.35	02.07.35	02.06.40	02.06.55	05.12.15	05.15.15	03.16.05	06.11.15	06.05.25	06.05.20	07.07.25	06.04.40	06.26.15	02.12.30
05.06.35	05.04.45	05.06.35	05.06.35	05.06.25	10.20.15	10.20.25	06.16.05	10.13.15	10.05.15	10.03.20	10.08.35	10.05.60	10.24.15	05.08.45
[illegible].06.40	09.05.45	10.06.40	10.04.25	08.34.05	15.23.25	15.29.25	10.19.15	15.17.15	15.36.25	15.03.25	15.08.25	15.04.45	15.24.25	10.10.40
ent. Cb	ent. Cb	12.06.40	15.24.20	10.34.10	20.23.30	20.26.30	15.25.25	20.21.10	20.02.10	20.02.20	20.36.15	20.03.30	20.22.25	15.09.25
			20.26.20	15.23.25			20.27.35	30.25.10	30.32.40	30.35.25		30.03.10	30.10.10	18.18.05
			25.26.15	20.23.15			30.26.30	31.25.15				40.03.15	40.11.10	ent. Ns
			30.28.15	23.26.15								50.20.10	50.12.15	
			35.21.39	25.29.20										
			40.24.55	30.29.10										
			45.25.70 tail											

Forecast for 24 hours from noon on 6th

Fresh northeasterly winds backing later to northerly and moderating.
Much high cloud at first, low cloud later.
Little change in temperature.
Rain near the coast probable.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٦
رياح نسيم شمالية شرقية تصير معتدلة ثم تتحول إلى
شمالية فيما بعد يظهر الكثير من السحاب العالى أولا
ثم يكون السحاب المنخفض فيما بعد
وليس هناك تغير يذكر فى درجة الحرارة
ويحتمل سقوط مطر بالقرب من الساحل.

STATION	Mean of day: Humidity % on 5th	Diff. from normal	Wet bulb temp °C on 5th	Diff. from normal
Alexandria	73	+8	11.8	+0.9
Ezbekiya	63	-2	11.3	+0.9
Giza	68	0	11.2	+1.1
Helwan	53	-2	10.5	+1.3

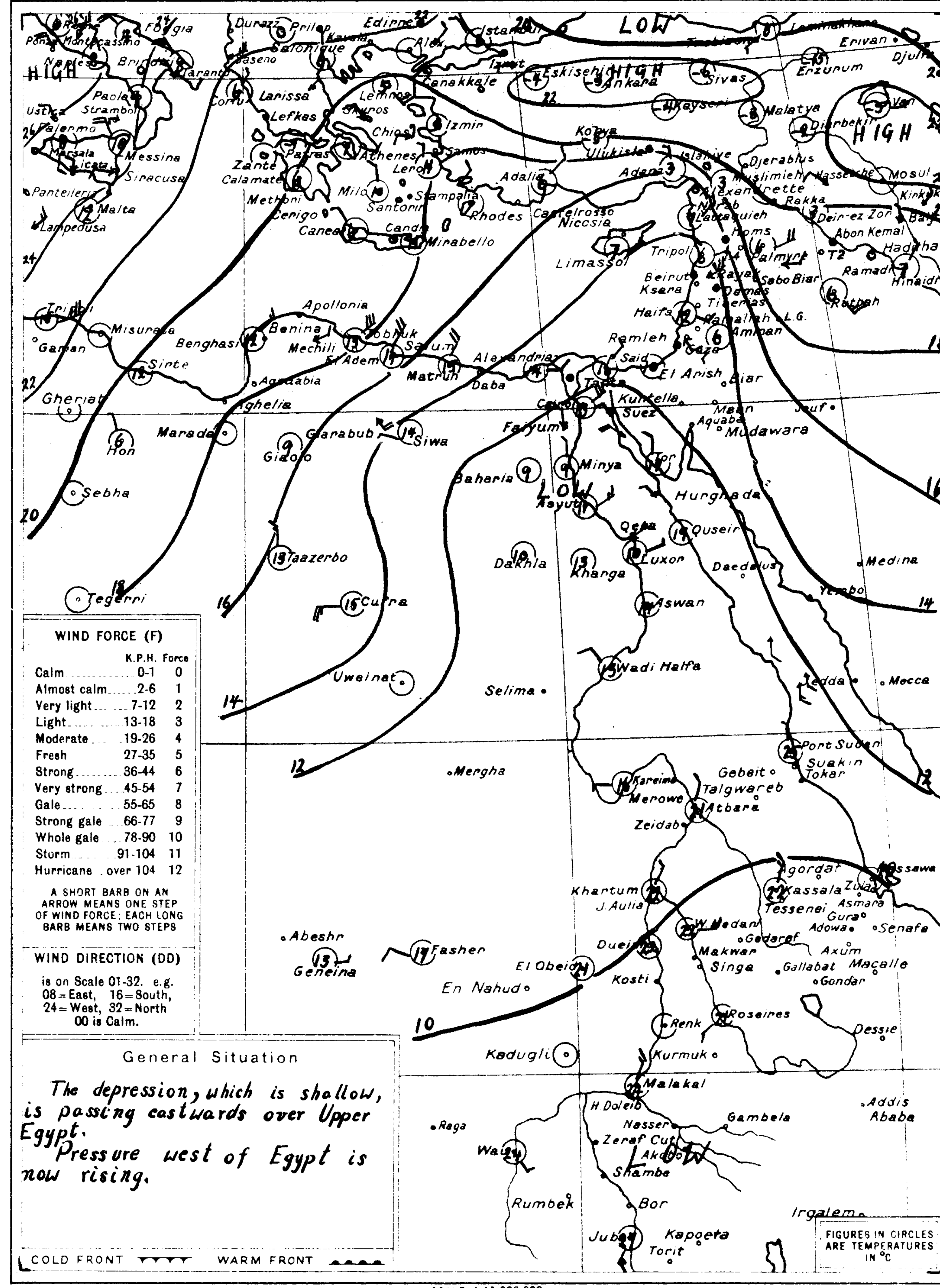
Giza Grass minimum on 6th 4.0 °C

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

DATE	1939	1938
6-2	1521	1102
5-2	1411	1102

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6.2	13.39	+0.06	13.40	+0.06
Nasser	5.2	6.25	+0.79	6.32	+0.83
Malakal	6.2	11.62	+0.94	11.70	+1.01
Roseires	6.2	12.42	+0.62	12.43	+0.61
Sennar Res	5.2	20.70	—	20.70	—
J. Aulia U.S	5.2	375.17	—	375.13	—
J. Aulia D.S	5.2	372.06	+0.53	372.04	+0.49
Khartum	6.2	11.08	+0.58	11.06	+0.55
Kh. el Girba					
Atbara	6.2	10.78	+0.38	10.79	+0.38
Kajnarti	5.2	133.86	+0.58	133.89	+0.58
Aswan Res.	6.2	121.02	—	121.03	—
Aswan D.S.	6.2	86.84	+0.44	86.58	+0.18
Roda (Cairo)	6.2	15.09	-0.29	14.70	-0.60

٦-٢-٣٩ Isobars, Wind and Temperature at 8 h. 6-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

The depression, which is shallow, is passing eastwards over Upper Egypt.
Pressure west of Egypt is now rising.

COLD FRONT — WARM FRONT

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

At 8 h. on 6th — الساعة ٨ يوم ٦

STATION مرصد	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	UU	Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	09	6	06	1	1	1	—	14.2	-2.4	7	—	—	—	—	—	0	400	320
Haifa	02	—	10	2	—	4	—	12.8	-2.6	11.7	17	-1	4	+1	58	0	413	532
Geza	02	6	12	2	1	5	As	13.3	-2.9	10	—	—	8	0	85	—	—	281
Geza [illegible]	03	6	02	1	1	8	As	19.5	+2.8	8	—	—	6	-2	85	—	—	278
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 41 m
Sunset 17 h 37 m

Month FEBRUARY, 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h on 6th (الساعة ١٤ يوم ٦): Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on TUESDAY 7th (الساعة ٨ يوم الثلاثاء ٧): Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	03	7	32	5	2	6	Cb	15.8	14.1	61	01	7	26	3	0	3	Cu	17.5	-0.7	6.4	15	—	6	—	79	0	47	—	130
MATRUH	03	6	02	3	2	6	St	12.4	15.9	74	02	6	30	4	1	4	Cb	13.8	-4.3	14.1	16	-2	13	+5	90	dr	69	123	131
DIKHEILA	03	8	04	7	2	8	Cu	12.3	15.6	67	01	8	02	3	1	3	Cu	13.1	—	15.0	16	—	12	—	55	dr	64	—	150
ALEXANDRIA	03	9	04	6	2	6	Ac	11.1	17.4	56	01	9	04	3	2	3	Cu	12.7	-5.5	15.0	19	0	13	+2	52	dr	137	152	132
DAMIETTA											01	8	32	2	1	2	Cu	10.8	—	15.1	17	—	13	—	67	0	41	76	159
PORT SAID	02	8	04	5	1	4	Sc	8.8	17.8	68	00	8	28	4	1	0	—	10.7	-5.9	16.0	21	+2	14	+3	64	0	27	54	134
EL 'ARISH	03	7	30	1	1	8	Sc	8.3	17.4	77	02	7	24	1	1	4	Cu	8.7	—	14.8	20	—	10	—	81	0	73	56	135
DAMANHUR											01	5	28	1	1	2	Cu	12.4	-4.8	9.1	18	-2	8	+1	83	0	13	70	136
MANSURA											01	7	32	1	1	3	Sc	11.4	—	11.9	20	0	10	+3	72	0	24	32	137
TANTA	03	6	02	2	2	8	Ns	9.9	19.0	58	02	7	00	0	1	4	Cu	12.0	-5.6	11.0	20	0	6	-1	81	0	15	25	138
ZAGAZIG	03	7	04	4	2	8	Sc	9.6	18.8	63	02	7	26	1	1	4	Cu	12.2	—	12.4	19	-2	8	+2	76	0	11	17	139
MIDDLE EGYPT																													
CAIRO ALMAZA	03	8	04	4	2	8	As	9.6	18.9	42	05	6	02	1	1	1	Sc	12.4	—	10.6	19	—	9	—	68	0	2	—	141
CAIRO EZBEKIYA	03	8	04	3	2	7	As	9.0	18.8	49	00	5	28	1	0	0	—	11.8	-6.9	12.0	19	-1	10	+2	69	0	4	16	—
CAIRO GIZA	03	7	32	3	2	8	As	8.8	18.3	56	00	6	32	2	0	0	—	12.2	-7.0	10.0	18	-2	8	+2	78	0	3	17	—
HELWAN	03	8	02	5	1	8	Sc	7.9	19.4	37	05	6	30	3	0	2	Ac	11.6	-7.1	11.2	20	0	9	+1	62	0	9	17	143
SUEZ	03	8	30	3	1	6	Sc	7.1	20.3	49	01	6	28	2	1	3	Cu	10.6	-7.6	12.2	21	+1	11	+1	76	0	14	11	144
UPPER EGYPT																													
FAIYUM	03	7	04	2	2	8	Sc	6.8	19.5	49	00	7	30	2	0	0	—	12.6	-6.2	11.4	20	-1	8	+2	69	0	dr	5	153
MINYA	01	6	32	3	2	3	As	7.5	21.3	38	00	5	30	3	0	0	—	12.2	-6.6	10.7	22	+1	8	+1	85	0	2	—	154
ASYUT	02	7	32	1	1	5	As	6.8	22.8	47	00	6	28	4	0	0	—	12.8	-6.9	10.2	26	+5	8	+2	87	0	2	3	155
QENA	03	8	06	2	2	5	Cu	7.4	23.8	50	00	8	22	6	0	0	—	11.0	-6.8	12.1	26	+2	10	+3	84	0	dr	—	156
LUXOR	02	7	22	2	1	5	Cu	6.7	25.2	42	00	7	22	4	0	0	—	10.6	—	13.7	28	—	11	—	79	0	dr	—	157
ASWAN	01	7	00	0	1	3	Cu	4.0	31.7	21	00	7	20	1	0	0	—	10.4	-8.0	15.0	33	+8	14	+4	39	0	1	—	158
WESTERN DESERT																													
SIWA	03	7	10	3	2	7	Sc	—	19.8	55																		6	148
BAHARIYA	02	9	04	1	1	4	—	7.8	20.0	36	02	9	00	0	1	4	—	15.9	—	10.0	20	—	8	—	74	0	0	—	149
KHARGA	00	8	32	2	0	0	—	8.4	25.1	32	00	8	04	2	0	0	—	13.3	-5.4	13.2	30	+6	10	+4	53	0	dr	tr	151
DAKHLA	14	5	26	5	0	0	—	6.8	27.8	31	01	6	30	3	1	2	Ci	15.2	-4.0	11.3	28	+5	10	+4	73	0	dr	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	7.1	21.0	55	01	6	32	2	0	1	Cu	6.4	-11.0	17.0	22	+1	13	+4	65	0	19	10	145
HURGHADA											01	9	30	5	0	2	Ci	7.1	-9.8	17.8	25	+3	14	+4	63	0	1	—	146
QUSEIR	02	7	06	1	1	4	Ac	8.8	22.0	81	00	7	24	3	0	0	—	7.2	-9.5	21.0	23	0	16	+2	74	0	tr	6	147
PORT SUDAN	01	—	12	3	1	—	—	9	28	75	00	—	20	3	0	0	—	9.1	-6.1	26.5	29	+2	22	+3	67	0	71	101	169
NORTH SUDAN																													
WADI HALFA	01	8	20	2	0	3	Ac	5.7	33	16	00	6	32	2	3	0	—	13.5	-4.9	15.8	35	+9	14	+6	41	—	—	—	165
KAREIMA	00	8	14	2	0	0	—	5.0	36	13	05	7	28	3	0	0	—	11.2	-4.8	20.0	37	+7	11	-1	18	0	0	1	166
'ATBARA	01	—	10	2	0	—	—	6	36	10	00	—	08	2	0	0	—	9.6	-4.7	22.0	36	+5	15	+1	36	0	6	1	167
KHARTUM	00	8	04	2	0	0	—	2.8	34	14	05	6	16	1	0	0	—	8.5	-5.1	20.7	39	+6	17	+1	41	0	dr	5	168
KASSALA	00	8	02	1	0	0	—	2.7	35	12	00	8	04	2	0	0	—	7.9	-4.2	21.0	36	+1	14	-3	41	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	04	3	0	—	—	4	37	10	00	—	08	3	0	0	—	7.6	-5.4	23.5	38	+4	17	+2	23	0	2	13	171
DUEIM	01	—	—	2	0	—	—	4	36	25	00	—	—	3	0	0	—	8.0	-4.9	24.0	37	+3	19	+5	40	0	14	12	173
RENK	00	7	28	2	0	0	—	3.1	38	6									—			—		—				—	182
ROSEIRES	01	—	28	1	0	—	—	2	38	10	00	—	14	1	0	0	—	6.2	-5.2	21.7	40	+4	14	-2	32	0	27	37	172
EL OBEID	00	8	12	1	0	0	—	2.9	36	33	00	8	12	1	0	0	—	8.0	-7.2	25.0	37	+6	16	+5	40	0	8	19	174
EL FASHER	01	—	28	2	0	—	—	—	37	10	00	—	04	2	0	0	—	—	—	18.5	37	+6	14	+4	27	0	0	8	175
GENEINA	00	8	04	2	0	0	—	—	36	7	00	7	32	2	0	0	—	—	—	16.7	38	—	14	—	18	0	dr	—	179
KADUGLI	00	7	04	5	0	1	—	1.9	39	17																			187
S. SUDAN																													
MALAKAL	00	7	02	3	1	0	—	2.3	37	6	01	8	02	2	1	3	Ci	7.1	-3.8	23.8	38	+2	18	0	22	0	83	93	176
WAU	03	—	32	1	0	—	—	1	38	20	01	—	12	1	0	4	—	6.0	-4.1	22.2	38	+2	18	0	56	0	103	148	177
JUBA	02	8	32	2	0	4	Cu	2.5	37	26	02	8	18	3	1	5	Sc	6.9	-3.3	26.4	38	0	25	+4	69	0	231	143	178

UPPER WINDS 7th

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 9 h.	CAIRO 8 h 30 m.	HELWAN 8 h 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 5 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 4 h.	MALAKAL 7 h.	JUBA 6 h.	Salum 6th 13 h.
05.33.35	02.35.35	02.36.25	02.35.30	02.34.15	05.35.50	02.30.15	03.35.25	06.36.30	06.09.35	06.04.15	07.05.15	06.03.40	06.30.20	02.02.25
10.35.15	05.35.60	05.36.30	05.36.35	05.36.35	10.35.55	05.35.20	06.34.50	10.36.25	10.08.30	10.02.25	10.05.25	10.05.45	10.31.35	05.03.30
[illegible].35.10	10.34.40	10.36.30	10.36.35	08.01.35		10.35.40	10.33.50	15.35.30	15.03.10	15.02.20	15.06.20	15.05.40	15.31.30	10.03.35
[illegible]0.34.10	13.34.30	15.36.30	15.35.30	10.01.35		15.35.45	12.33.40	20.35.25	20.05.15	20.33.15	20.09.15	20.04.30	20.31.10	14.02.35
25.34.25	ent. Cb	20.35.15	20.36.25	15.36.30					30.31.30	30.30.15		30.04.15	30.25.10	ent. Cb
		25.33.20	25.27.10	20.32.10					31.30.25			40.17.10	40.23.10	
		30.32.20	30.32.25	23.28.10								50.18.25	50.17.10	
			tail	25.27.20								53.17.15	53.16.05	
				30.31.25										

Forecast for 24 hours from noon on 7th

Northerly winds, on the coast fresh, inland moderate.
Some low cloud.
Further light showers near the coast.
Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٧
رياح شمالية تكون نسيمة على الساحل ومعتدلة في
الداخل — يظهر بعض السحاب المنخفض ا
يتساقط مطر خفيف آخر بالقرب من الساحل .
تهبط درجة الحرارة .

STATION	Mean of day: Humidity % on 6th	Diff. from normal	Wet Bulb Temp °C on 6th	Diff. from normal
Alexandria	65	+1	12.0	+1.1
Ezbekiya	73	+9	11.4	+1.0
Giza	76	+8	11.4	+1.3
Helwan	67	+14	11.6	+2.4

Giza Grass minimum on 7th 6.0 °C

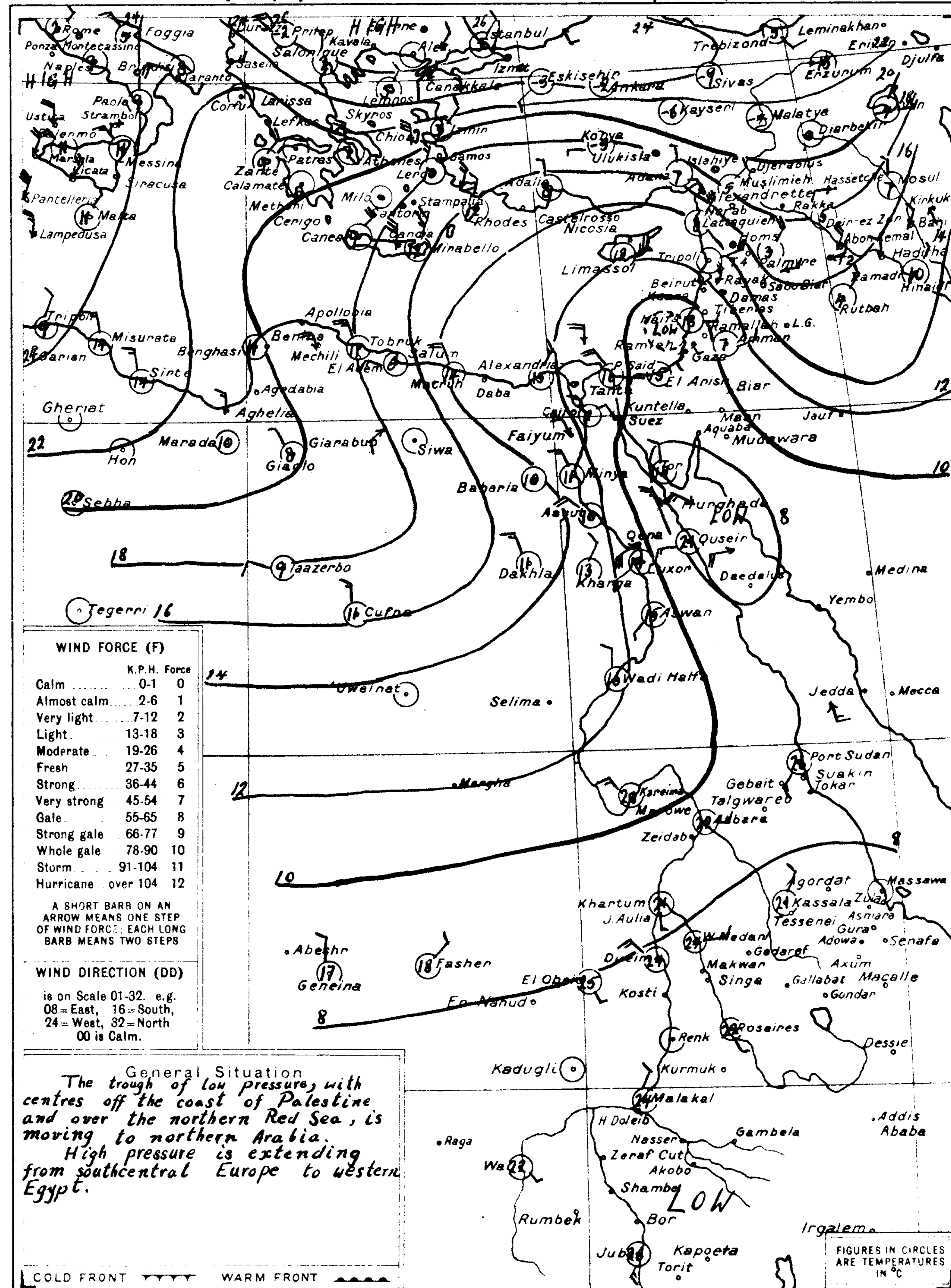
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
7.2	1355	1054
6.2	1521	1102

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	7.2	13.39	+0.06	13.39	+0.06
Nasser	6.2	6.19	+0.76	6.25	+0.79
Malakal	7.2	11.56	+0.90	11.62	+0.94
Roseires	7.2	12.41	+0.63	12.42	+0.62
Sennar Res.	6.2	20.68	—	20.70	—
J. Aulia U.S	7.2	375.20	—	375.17	—
J. Aulia D.S	7.2	372.14	+0.65	372.08	+0.57
Khartum	7.2	11.12	+0.62	11.08	+0.58
Kh. el Girba					
'Atbara	7.2	10.78	+0.40	10.78	+0.38
Kajnarti	6.2	133.86	+0.62	133.86	+0.58
Aswan Res.	7.2	121.00	—	121.02	—
Aswan D.S.	7.2	86.63	+0.23	86.84	+0.44
Roda (Cairo)	7.2	15.54	+0.11	15.09	-0.29

Printed by the Survey & Mines Dept. 1938 (38/554)

٢٩-٢-٧ Isobars, Wind and Temperature at 8 h. 7-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The trough of low pressure, with centres off the coast of Palestine and over the northern Red Sea, is moving to northern Arabia.
High pressure is extending from southcentral Europe to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 7th (الساعة ٨ يوم ٧): Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff from norm °C	Minimum Today °C mm	Minimum Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	06	5	0	1	—	12.4	-4.0	12	—	—	—	—	—	0	400	323
Haifa	03	—	08	2	—	7	—	9.8	-5.5	12.7	17	-1	11	+3	62	0	413	535
Gaza	02	8	18	2	1	6	Ac, Cu	9.5	-6.7	12	—	—	9	+1	85	—	—	283
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 6h 40
" " Sunset 17 37

Month *FEBRUARY*, 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

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

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	66	5	26	3	6	8	Cb	17.6	9.1	86	60	5	00	0	6	8	Cb	21.5	+3.3	8.2	14		6		96	24	71		130
[illegible]	02	7	04	4	1	4	Sc	14.6	14.7	68	60	5	18	1	6	8	Cb	17.8	-0.3	10.9	16	-2	10	+2	89	5	74	124	131
[illegible]	02	8	28	4	1	4	Sc	13.8	16.0	54	01	8	32	2	1	4	Cu	17.5	—	14.3	16		9		66	0	64		150
ALEXANDRIA	02	9	32	2	2	4	Cu	13.6	17.5	43	02	8	00	0	2	4	Cu	17.1	-1.1	15.0	19	0	12	+1	61	0	137	153	132
DAMIETTA											02	8	24	2	2	4	Cu	16.2	—	14.0	17		10		87	0	41	77	159
PORT SAID	01	8	28	4	1	2	Cc	11.0	20.0	59	02	8	04	3	1	5	Sc	16.3	-0.3	17.2	21	+2	13	+2	62	dr	27	54	134
EL ARISH	01	7	28	3	1	3	Cu	9.4	18.6	78	02	7	20	1	1	5	Cb	14.8	—	12.6	20	—	10	—	95	7	80	57	135
DAMANHUR											01	5	28	1	1	2	Cu	17.1	0.0	9.0	19	-1	7	0	89	0	13	70	136
MANSURA											02	4	30	1	1	4	Sc	16.2	—	13.0	19	-1	9	+2	76	dr	24	33	137
[illegible]	02	6	28	2	2	5	Cu	12.3	17.5	61	01	7	00	0	1	4	Ac	16.8	-0.7	10.0	21	+1	5	-2	94	0	15	25	138
[illegible]	01	8	26	2	1	3	Cc	12.0	20.1	50	02	7	20	2	1	4	Cc	17.0	—	8.9	20	-1	5	-1	87	0	11	18	139
ALMAZA	02	8	24	3	2	5	Cu	12.3	18.7	38	05	5	16	1	0	2	St	17.0	—	10.6	19		6		75	0	2	16	141
EZBEKIYA	01	8	30	2	1	4	Cu	11.9	20.2	40	00	5	16	1	0	0	—	16.6	-2.0	10.0	21	+1	7	-1	86	0	4	17	—
GIZA	02	8	30	3	1	4	Cu	11.6	19.3	35	05	4	00	0	0	1	Ac	17.2	-2.0	9.6	20	0	4	-2	88	0	3	17	—
HELWAN	02	9	26	3	0	4	Cu	12.2	17.1	38	09	5	00	0	0	3	Sc	17.5	-1.1	8.9	18	-2	7	-1	86	0	9	17	143
[illegible]	01	9	28	3	1	3	Cu	—	20.0	42	01	6	02	2	1	2	Sc	16.2	-1.9	10.2	21	+1	9	-1	94	0	14	11	144
FAYUM	01	8	30	3	0	3	Cu	12.8	17.2	39	05	5	30	1	0	3	Cu	17.8	-1.0	8.7	20	-1	5	-1	84	0	dr	5	153
MINYA	01	7	28	4	1	2	Cu	12.4	19.0	49	09	4	32	1	0	0	—	17.5	-1.2	9.0	19	-2	6	-1	80	0	2		154
ASYUT	00	8	30	4	0	0	—	12.7	18.0	51	01	6	22	3	1	4	As	17.8	-1.8	9.3	20	-1	7	0	70	0	2	3	155
QENA	01	8	22	5	1	3	Cs	10.8	20.0	54	01	8	26	1	1	4	Cu	16.0	-1.7	11.2	21	-3	8	+1	75	0	dr	—	156
LUXOR	02	7	30	4	1	5	Cs	10.7	22.0	48	02	7	22	2	1	5	Cu	15.8	—	8.2	22	—	6	—	87	0	dr	—	157
ASWAN	01	7	28	3	1	3	Ci	9.5	23.8	21	01	7	02	2	1	3	Cu	15.1	-3.2	12.6	25	0	10	0	50	0	1	—	158
SIWA	02	7	26	1	1	4	—	—	18.0	62	00	7	26	1	0	0	—		—	6.7	18	-3	5	0	76	0	dr	6	148
BAHARIA	01	9	00	0	0	3	—	15.4	17.0	38	02	9	00	0	1	4	—	18.6		8.6	18	—	3	—	54	0	0		149
[illegible]	00	8	32	4	0	0	—	—	20.4	41	00	8	08	1	0	0	—	17.9	-0.8	9.5	21	-3	6	0	55	0	dr	tr	151
[illegible]	01	7	30	4	1	3	Ci	13.8	18.2	40	01	6	22	2	1	3	Ci	19.1	-0.2	9.0	19	-4	6	0	52	0	dr	—	152
[illegible]	00	6	28	7	0	0	—	7.8	19.5	68	02	6	32	2	0	5	Ac	14.0	-3.4	13.2	21	0	10	+1	75	0	19	10	145
[illegible]											02	8	28	4	2	5	Sc	13.9	-3.0	16.7	23	+1	13	+3	66	0	1	—	146
[illegible]	00	7	04	3	0	0	—	8.0	21.5	49	02	7	24	3	1	4	Ac	13.6	-3.0	18.4	24	+1	13	-1	—	0	tr	6	147
[illegible]	01	—	14	3	0	—	—	7	27	75	03	—	04	3	1	7	—	11.1	-4.0	25.8	30	+3	23	+4	73	0	71	101	169
[illegible]	00	8	32	5	0	0	—	12.3	28	31	03	8	32	3	1	7	Ac	17.1	-1.2	13.0	29	+3	11	+3	55	—	—	—	165
KAREIMA	05	7	28	5	0	0	—	8.3	31	9	01	8	30	2	0	3	Ci	13.1	-2.9	16.8	32	+2	14	+2	34	0	0	1	166
[illegible]	01	—	02	1	0	—	—	5	37	10	00	—	30	3	0	0	—	10.8	-3.4	21.4	37	+6	17	+3	28	0	6	1	167
[illegible]	05	7	28	1	0	0	—	3.1	31	14	01	8	02	3	0	3	Ci	9.9	-3.6	20.7	35	+2	18	+2	27	0	dr	5	168
[illegible]	00	8	04	2	0	0	—	1.7	37	14	00	8	02	3	0	0	—	7.4	-4.6	23.7	38	+3	18	+1	60	0	dr	11	170
[illegible]	01	—	02	4	0	—	—	2	38	10	00	—	32	4	0	0	—	6.0	-6.9	24.1	39	+4	18	+3	23	0	2	13	171
[illegible]	01	—	—	4	0	—	—	3	38	10	00	—	—	4	0	0	—	9.3	-3.6	21.6	40	+6	19	+5	31	0	14	12	173
[illegible]	00	7	28	2	0	0	—	1.5	39	14	00	7	28	1	0	0	—	7.1		22	40		18		36	0	—	—	182
[illegible]	01	—	30	2	0	—	—	1	40	10	00	—	26	1	0	0	—	5.6	-5.7	21.4	40	+3	15	-1	34	0	27	37	172
[illegible]	00	8	02	1	0	0	—	2.3	37	34	01	8	30	1	0	4	Ci	10.7	-4.5	17.3	38	+7	15	+4	61	0	8	19	174
[illegible]	01	—	10	2	0	—	—	—	37	10	00	—	02	2	0	0	—	—	—	17.3	37	+6	14	+4	32	0	0	8	175
[illegible]	01	7	06	4	0	3	—	—	34	3	01	7	06	3	0	3	Ac	—	—	17.1	37	—	16	—	18	0	dr	—	179
[illegible]	01	7	14	4	1	4	—	0.7	40	15	01	7	18	—	—	—	—	—	—	—	40	—	18	—	41	0	—	—	187
MALAKAL	02	8	02	4	1	5	Ac	1.5	37	8	03	8	04	3	2	7	Cs	6.6	-4.3	25.0	39	+3	19	+1	22	0	83	93	176
[illegible]	01	—	08	2	0	—	—	1	38	10	00	—	20	1	0	0	—	5.9	-4.2	23.6	39	+3	17	-1	34	0	103	149	177
[illegible]	02	8	06	4	1	5	Sc	1.9	36	32	01	8	20	1	0	4	Ac	5.2	-4.9	28.2	37	-1	25	+4	57	0	231	144	178

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

[illegible]	MATRUH	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	Geneina 4 h.
		02.35.10	02.31.10	02.33.05	05.01.15	02.01.20	03.03.25	06.04.25	06.35.35	06.03.15	07.02.20	06.04.40	06.01.25	10.05.40
		05.02.20	05.34.20	05.34.15	10.33.25	05.36.40	06.02.45	10.04.10	10.02.40	10.04.25	10.03.35	10.06.55	10.06.40	15.07.25
		10.01.25	10.36.15	08.33.15	15.34.30	10.36.35	10.01.35	15.03.05	15.03.30	15.03.30	15.04.20	15.06.60	15.02.30	20.05.10
		13.01.30	15.03.15	10.33.15	20.29.25	15.29.15	15.33.10	20.01.10	20.05.20	20.01.35	20.07.10	20.06.50	20.35.30	
		ent. Cb	20.03.10	15.35.10			20.27.35		30.09.05	30.33.15		30.06.30	30.30.25	
			25.20.05	20.01.15			29.27.85			40.25.25		33.05.25	40.27.15	
			30.01.10	23.18.05									50.22.25	
			35.22.30	25.21.05										
			40.24.30	30.30.05										
			43.25.30	40.24.35										

Forecast for 24 hours from noon on 8th
Moderate northerly winds, freshening.
Much low cloud.
Rain in the north.
Cool.

٨ تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم
رياح شمالية معتدلة ثم تشتد نوعا.
يكثر السحاب المنخفض
يتساقط مطر فى الشمال.
الطقس مائل الى البرودة.

STATION	Mean of day: Humidity % on 7th	Diff. from normal	Wet bulb temp °C on 7th	Diff. from normal
Alexandria	59	-5	11.0	0.0
Ezbekiya	67	+3	11.2	+0.8
Gîza	72	+5	10.2	0.0
Helwân	61	+8	9.8	+0.6

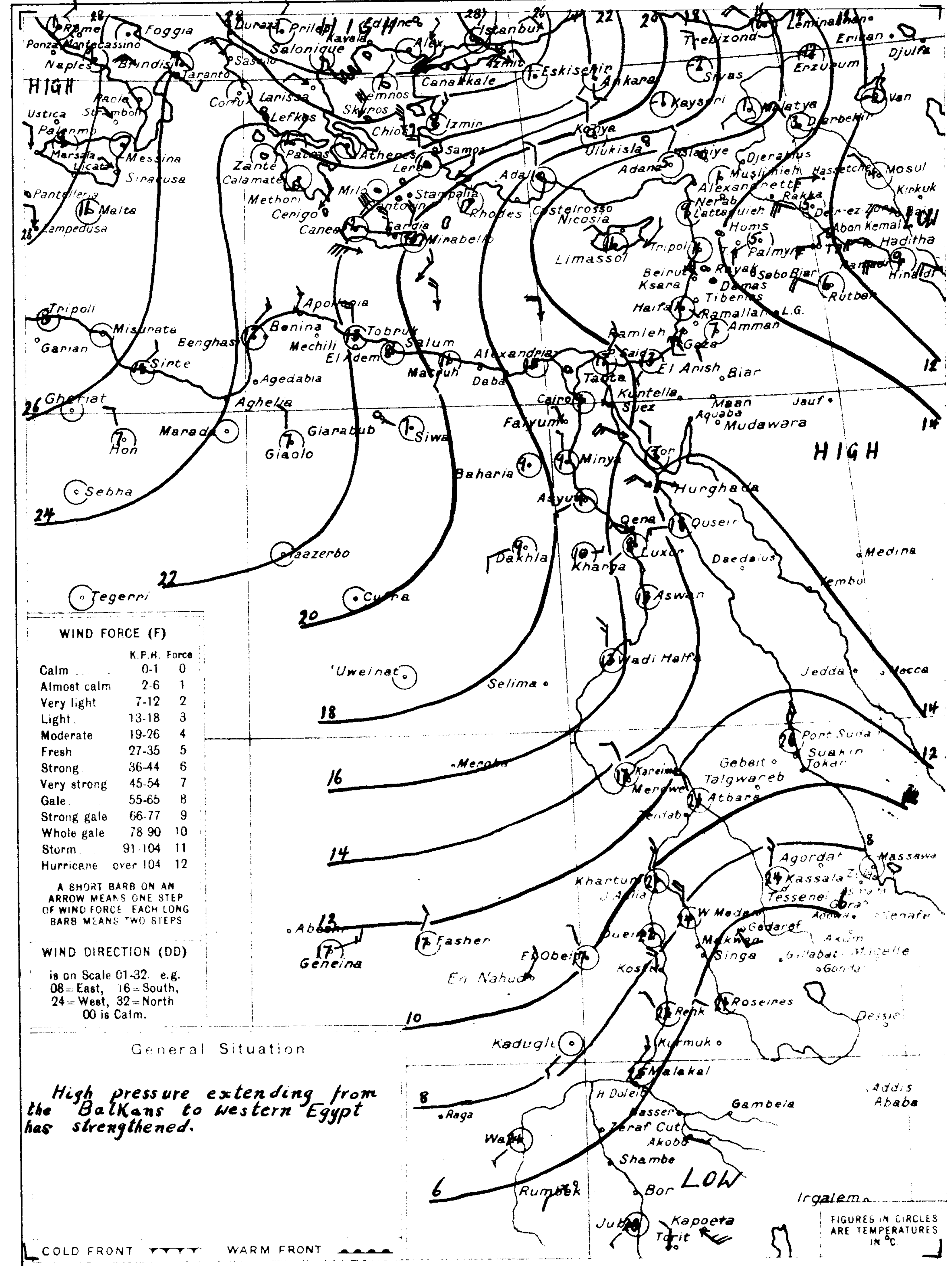
Gîza Grass minimum on 8th 0.4 °C

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

DATE	1939	1938
8.2	1146	987
7.2	1355	1054

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7.2	13.39	+0.06	13.39	+0.06
Nasser	7.2	6.14	+0.73	6.19	+0.76
Malakâl	8.2	11.50	+0.86	11.56	+0.90
Roseires	8.2	12.40	+0.63	12.41	+0.63
Sennâr Res.	7.2	20.67	—	20.68	—
J. Aulia U.S	7.2	375.20	—	375.17	—
J. Aulia D.S	7.2	372.14	+0.65	372.08	+0.57
Khartûm	7.2	11.12	+0.62	11.08	+0.58
Kh. el Girba					
'Atbara	7.2	10.78	+0.40	10.78	+0.38
Kajnarti	7.2	133.86	+0.64	133.86	+0.62
Aswân Res.	8.2	120.99	—	121.00	—
Aswân D.S.	8.2	86.27	-0.11	86.63	+0.23
Rôda (Cairo)	8.2	15.75	+0.27	15.54	+0.11

٢٩-٢-٨ Isobars, Wind and Temperature at 8 h. 8-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

General Situation

High pressure extending from the Balkans to western Egypt has strengthened.

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 8th — الساعة ٨ يوم ٨

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	28	2	0	0	—	14.6	-1.7	11	—	—	—	—	—	0	400	326
Haifa	01	—	10	1	—	4	—	15.0	+0.3	13.6	18	0	9	+1	67	0	413	538
Gaza	02	8	12	2	4	5	Cu, Sc	16.3	+0.1	11	—	—	9	+1	85	Rain	—	286
Siwa 7h	00	7	00	0	0	0	—	—	—	10.1	22	+1	8	+3	73	0	dr	6

SHIPS سفن

43344	34506	04100	15960	61181	52000
43325	30206	30401	16961	64883	47100
43277	33906	26403	12862	60847	93010

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

[illegible]

VISIBILITY (V)

[illegible]

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise 06 40

" " Sunset 17 38

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY, 1939 — ١٩٣٩ شهر فبراير

At 14 h. on 8th (الساعة ١٤ يوم ٨) — At 8 h. on THURSDAY 9th (الساعة ٨ يوم الخميس ٩)

STATION	14h 8th Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h 9th Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	02	8	00	0	6	5	Cb	21.0	14.0	59	01	6	30	3	6	4	Cu	23.6	+5.4	11.0	15	—	8	—	75	2	73	—	130
MATRUH	02	7	28	3	1	4	Ac	17.6	15.0	72	02	6	30	3	1	5	Cb	20.4	+2.4	15.0	16	-2	11	+3	59	6	80	125	131
DIKHEILA	02	8	32	2	1	4	Cu	18.2	16.3	54	21	7	18	1	5	5	Cb	19.6	—	11.3	16	—	9	—	84	tr	64	—	150
ALEXANDRIA	02	9	32	3	2	4	Cu	17.2	18.3	43	03	8	08	1	6	5	Cu	19.4	+1.2	13.3	19	0	11	0	71	4	141	154	132
DAMIETTA											01	8	28	2	1	3	Ac	18.4	—	14.0	17	—	8	—	76	0	41	78	159
PORT SAID	00	8	28	3	1	0	—	16.4	19.2	50	50	7	02	4	1	4	Cu	17.9	+1.4	14.8	21	+2	13	+2	67	dr	27	54	134
EL ARISH	02	7	32	3	1	4	Cu	16.2	16.8	68	01	7	00	0	1	2	Cu	18.2	—	10.0	17	—	7	—	73	7	87	58	135
DAMANHUR											50	4	16	1	2	8	As	20.0	+3.0	9.0	19	-1	7	0	87	dr	13	71	136
MANSURA											01	5	32	1	1	4	Sc	18.8	—	12.7	20	0	7	0	71	0	24	33	137
TANTA	02	7	30	2	1	5	Cu	16.4	18.0	53	03	6	00	0	2	8	Sc	19.5	+2.0	9.5	21	+1	6	-1	94	dr	15	26	138
ZAGAZIG	02	8	30	1	1	4	Cc	16.7	19.9	51	01	7	28	1	1	2	Cs	19.2	—	11.9	21	0	6	0	76	0	11	18	139
CAIRO ALMAZA	02	8	28	2	2	5	Cu	16.7	18.0	49	05	5	22	1	1	3	Sc	19.4	—	9.9	19	—	6	—	71	0	2	—	141
CAIRO EZBEKIYA	02	8	28	1	2	5	Cu	16.3	17.6	50	01	5	02	1	0	1	Cu	19.2	+0.6	10.0	21	+1	7	-1	76	0	4	16	—
CAIRO GIZA	03	7	26	1	2	6	Cu	16.6	19.1	—	05	5	00	0	1	4	As	19.2	+0.1	8.1	20	0	4	-2	91	0	3	17	—
HELWAN	02	7	28	2	5	4	Cu	16.4	16.4	45	09	4	30	2	0	1	Cu	19.2	+0.6	8.5	18	-2	7	-1	81	dr	9	17	143
SUEZ	01	9	32	2	1	3	Cu	16.0	17.6	57	22	7	30	1	5	4	Sc	17.9	-0.2	9.0	19	-1	8	-2	87	dr	14	12	144
FAYUM	02	8	30	2	1	4	Cu	16.8	18.9	36	01	7	30	2	0	3	Cu	19.5	+0.8	9.7	20	-1	8	+2	82	0	dr	6	153
MINYA	02	6	30	3	1	4	Cu	16.6	18.2	52	50	5	32	3	5	6	Ac	18.8	+0.2	10.0	19	-2	8	+1	96	2	4	—	154
ASYUT	02	8	30	3	1	5	Cu	16.7	17.4	49	01	6	26	3	1	3	Ac	19.6	0.0	9.5	20	-2	7	0	83	0	2	3	155
QENA	01	8	22	3	1	3	Cu	14.4	22.8	33	01	8	22	4	1	3	Ac	17.8	+0.2	10.8	24	0	7	-1	62	0	dr	—	156
LUXOR	03	7	26	5	2	6	Cu	14.3	21.2	42	01	7	08	1	0	1	Sc	17.6	—	11.5	22	—	5	—	68	0	dr	—	157
ASWAN	02	7	32	3	2	5	Cu	13.9	20.0	25	02	7	00	0	2	5	Cc	17.8	-0.5	11.6	21	-4	10	0	44	0	1	—	158
SIWA	02	7	06	1	1	5	Cu	—	17.1	69	00	7	26	1	0	0	—	—	—	10.0	17	-4	5	0	74	0	dr	6	148
BAHARIYA	02	9	00	0	1	4	—	17.6	17.0	32	00	9	00	0	0	0	—	21.1	—	11.0	19	—	6	—	63	0	0	—	149
KHARGA	00	8	04	3	0	0	—	16.4	19.8	29	00	8	28	1	0	0	—	20.6	+2.0	11.3	21	-3	6	0	55	0	dr	tr	151
DAKHLA	01	7	30	4	1	3	Ci	17.6	17.9	24	00	7	26	1	0	0	—	21.9	+2.7	6.0	19	-4	4	-2	72	0	dr	—	152
TOR	00	6	28	6	0	0	—	12.7	18.5	58	01	6	32	2	0	2	Cu	14.4	-2.9	11.1	19	-2	8	-1	73	0	19	11	145
HURGHADA											01	9	30	4	0	3	Cu	14.7	-2.1	16.8	21	-1	8	-2	53	0	1	—	146
QUSEIR	02	6	02	3	1	5	As	13.4	19.8	56	01	7	28	1	1	4	Ac	15.2	-1.4	15.9	21	-2	12	-2	50	0	tr	6	147
PORT SUDAN	02	—	04	4	1	—	—	10	28	10	03	—	28	4	2	7	—	12.6	-2.5	24.1	29	+2	22	+3	63	0	71	101	169
WADI HALFA	02	8	32	4	1	5	Cu,Ac	15.5	21	27	02	8	02	2	1	7	Ac	20.3	+2.0	11.8	22	-4	11	+3	43	—	—	—	165
KAREIMA	01	8	28	4	0	3	—	10.4	29	14	00	8	28	5	0	2	Ci	18.3	+2.4	15.2	29	-2	12	-1	39	0	0	1	166
ATBARA	01	—	32	3	0	—	—	7	34	10	30	—	32	7	0	—	—	13.4	-0.8	19.7	34	+3	16	+2	25	0	6	1	167
KHARTUM	05	6	02	2	0	5	—	4.6	37	24	18	4	30	5	0	3	Ci	13.1	-0.4	17.6	37	+4	—	—	28	0	dr	5	168
KASSALA	00	8	02	4	0	0	—	2.8	37	14	00	8	04	3	0	0	—	8.4	-3.6	23.2	38	+3	19	+2	59	0	dr	11	170
WAD MEDANI	01	—	06	3	0	—	—	4	38	10	00	—	32	5	0	0	—	11.8	-1.1	20.4	39	+4	15	0	26	0	2	13	171
DUEIM	01	—	—	3	0	—	—	5	35	25	00	—	—	4	0	0	—	12.0	-0.8	19.6	37	+3	17	+3	36	0	14	12	173
RENK	00	7	28	2	0	0	—	1.6	39	11	00	7	28	3	0	0	—	11.1	—	21	40	—	18	—	34	0	—	—	182
ROSEIRES	01	—	26	1	0	—	—	0	40	—	00	—	22	1	0	0	—	7.8	-3.5	21.4	40	+3	17	+1	31	0	27	37	172
EL OBEID	02	8	04	3	1	5	—	4.9	32	38	01	7	30	4	0	3	Ci	14.1	-1.0	16.5	34	+3	15	+4	61	0	8	19	174
EL FASHER	01	—	08	2	0	—	—	—	34	10	00	—	02	4	0	0	—	—	—	15.3	36	+5	12	+2	40	0	0	8	175
GENEINA	02	7	06	2	1	5	—	—	34	6	18	7	02	5	0	5	Ac	—	—	16.0	37	—	15	—	32	0	dr	—	179
KADUGLI	02	7	04	5	1	4	—	2.4	38	23																			187
MALAKAL	03	8	04	4	2	6	—	1.5	38	7	00	8	02	3	0	3	Ac	9.3	-1.6	23.3	39	+3	21	+3	23	0	83	93	176
WAU	01	—	08	3	0	—	—	0	39	10	01	—	28	1	0	4	—	8.7	-1.3	22.0	40	+4	19	+1	43	0	103	149	177
JUBA	02	8	04	1	0	4	—	1.2	39	24	03	8	16	1	1	7	Sc	8.5	-1.6	27.1	40	+2	25	+4	56	0	231	144	178

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

UPPER WINDS 9th

SALUM 7h.	MATRUH 7h.	DIKHEILA 9h.	CAIRO 8h.30m.	HELWAN 8h.30m.	ASYUT 7h.	ASWAN 7h.	WADI HALFA 4h.	KAREIMA 5h.	KHARTUM 7h.	KASSALA 6h.	EL OBEID 6h.	MALAKAL 7h.	JUBA 6h.	Salum 8th 13h.
05.36.35	02.35.30	02.33.05	02.34.20	02.35.10	05.34.30	02.33.20	03.36.40	06.03.40	06.33.75	06.03.15	07.35.40	06.02.60	06.28.10	05.02.30
10.36.30	05.35.15	05.02.05	05.01.20	05.01.25	10.32.30	05.34.30	06.35.60	10.02.35	10.01.60	10.01.20	10.01.60	10.03.70	10.36.05	10.01.35
15.36.20	10.34.20	10.02.15	10.04.25	08.02.25	15.29.35	10.32.35	10.36.40	15.01.35	15.08.20	15.36.25	15.07.20	15.05.45	15.00.00	15.01.35
20.35.25	ent. Cb	15.01.20	15.03.30	10.03.30		15.28.30	15.36.40	20.03.20	20.05.20	20.02.25	20.10.15	20.06.25		20.02.25
ent. Cu		20.36.20	20.35.15	15.02.35		20.27.45	20.29.30	21.03.15	30.35.10	30.09.05		30.36.15		25.01.30
		24.36.10	25.01.05	20.01.25		25.27.55	24.29.45		40.28.20			40.12.15		30.02.25
				23.01.15		30.24.80			45.27.20			45.11.15		
				25.03.05										
				30.35.10										
				40.05.20										

Forecast for 24 hours from noon on 9th

Northerly winds, on the coast moderate to fresh, inland moderate.
Much low cloud at times.
Further rain in the north, but conditions improving.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٩
رياح شمالية على السواحل بين المعتدلة والنسيم معتدلة
في الداخل — ويظهر الكثير من السحاب المنخفض أحيانا
ويتساقط مطر آخر في الشمال ولكن تتحسن الحالة هناك
وليس هناك تغير يذكر في درجة الحرارة .

STATION	Mean of day: Humidity % on 8th	Diff. from normal	Wet Bulb Temp °C on 8th	Diff. from normal
Alexandria	54	-10	11.3	+0.3
Ezbekiya	69	+5	10.7	+0.2
Giza	69	+2	11.0	+0.8
Helwan	69	+16	9.6	+0.4

Giza Grass minimum on 9th 0.5 °C

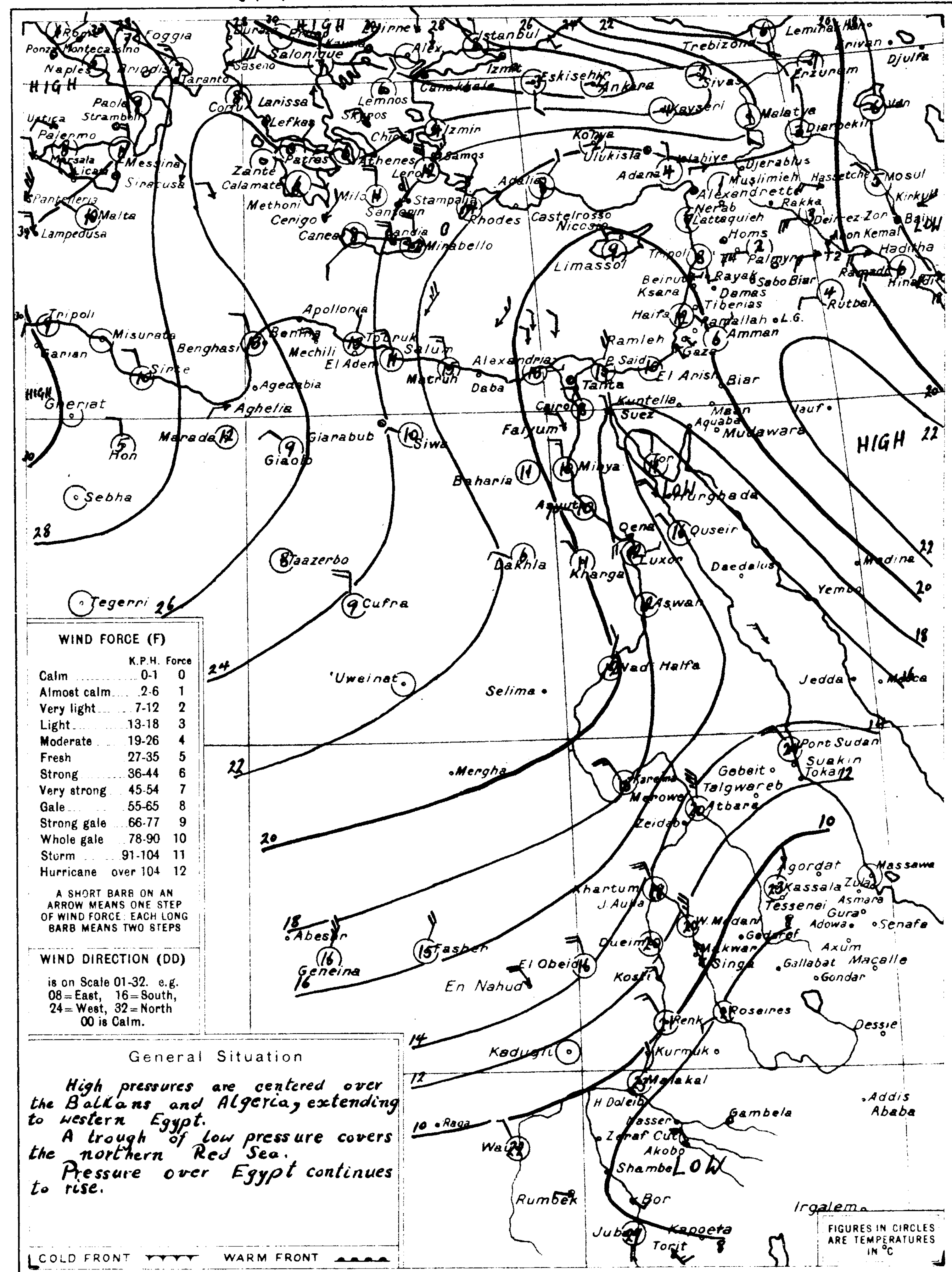
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
9.2	1273	928
8.2	1146	987

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	9.2	13.40	+0.08	13.39	+0.07
Nasser	8.2	6.10	+0.70	6.14	+0.73
Malakal	9.2	11.46	+0.84	11.50	+0.86
Roseires	9.2	12.40	+0.65	12.40	+0.63
Sennar Res	8.2	20.65	—	20.67	—
J. Aulia U.S	8.2	375.10	—	375.20	—
J. Aulia D.S	8.2	372.19	+0.72	372.14	+0.65
Khartum	8.2	11.14	+0.64	11.12	+0.62
Kh. el Girba					
'Atbara	8.2	10.78	+0.42	10.78	+0.40
Kajnarti	8.2	133.83	+0.65	133.86	+0.64
Aswan Res.	9.2	121.00	—	120.99	—
Aswan D.S.	9.2	86.44	+0.08	86.27	-0.11
Roda (Cairo)	9.2	15.82	+0.31	15.75	+0.27

Printed by the Survey & Mines Dept. 1938 (38/554)

٩-٢-٣٩ Isobars, Wind and Temperature at 8 h. 9-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

High pressures are centered over the Balkans and Algeria, extending to western Egypt.
A trough of low pressure covers the northern Red Sea.
Pressure over Egypt continues to rise.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 9th (الساعة ٨ يوم ٩)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	30	1	0	0	—	19.4	+3.1	9	—	—	—	—	—	0	400	329
Haifa	00	—	10	1	—	0	—	19.2	+4.0	11.8	17	-1	8	0	65	0	413	541
Gaza	00	9	12	1	4	0	—	19.0	+2.9	9	—	—	6	-2	10	—	—	289
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h. m. 06 39
Time of Sunset h. m. 7 39

Month *FEBRUARY* 1939 فبراير ١٩٣٩ شهر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT
DAILY WEATHER REPORT

1417 F.C.

14 h. on 9th الساعة ١٤ يوم ٩ — At 8 h. on FRIDAY 10th الساعة ٨ يوم الجمعة ١٠

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALÛM	03	6	30	4	2	6	Cb	23.5	14.3	61	01	6	30	3	0	4	Cu	26.4	+8.3	8.9	—	—	—	—	81	0	73	—	130
MATRÛH	02	6	28	4	1	4	Cu	19.8	15.7	72	01	7	22	1	0	2	Ac	—	—	14.0	17	-1	12	+4	76	0	80	126	131
DIKHEILA	02	8	28	2	5	4	Cu	19.9	16.3	66	02	8	00	0	1	5	Cb	23.8	—	13.3	17	—	10	—	77	dr.	64	—	150
ALEXANDRIA	02	9	28	2	2	4	Cu	19.2	17.1	60	02	8	00	0	2	5	Ac	23.6	+5.5	14.5	18	-1	12	+1	71	tr.	141	154	132
DAMIETTA											01	8	32	2	2	3	Ac	22.6	—	15.5	17	—	12	—	62	dr.	41	79	159
PORT SAÏD	01	7	02	3	5	3	Cu	17.4	20.0	52	01	8	28	4	1	3	Cu	22.3	+5.8	17.2	21	+2	13	+2	61	2	29	55	134
EL ARÎSH	02	7	30	3	1	4	Cu	16.4	16.5	72	01	7	04	2	1	4	Cu	21.1	—	15.8	17	—	7	—	61	dr.	87	58	135
DAMANHÛR											03	4	22	1	2	8	As	24.3	+7.4	7.7	17	-3	6	-1	90	tr.	13	72	136
MANSURA											01	7	02	1	1	3	Sc	22.6	—	11.8	19	-1	8	+1	76	0	24	34	137
TANTA	03	6	28	5	2	6	Sc	18.3	17.0	61	00	7	00	0	0	0	—	23.9	+6.5	10.0	20	0	6	-1	87	0	15	26	138
ZAGÂZIG	03	7	02	3	2	8	Sc	18.2	15.9	67	01	6	20	1	1	3	Cs	23.6	—	9.9	19	-2	6	0	86	0	11	18	139
CAIRO ALMÂZA	02	8	28	3	2	5	Cu	17.6	17.6	41	05	5	00	0	1	3	Sc	23.5	—	10.2	18	—	6	—	74	dr.	2	—	141
CAIRO EZBEKIYA	02	8	28	2	2	5	Cu	17.6	19.0	40	01	5	30	1	1	4	Cu	23.5	+4.9	10.6	20	0	7	-1	79	dr.	4	16	—
CAIRO GIZA	02	8	30	3	0	5	Cu	17.5	18.8	41	01	5	30	1	1	4	Cu	23.5	+4.4	10.9	19	-1	6	0	90	dr.	3	17	—
HELWAN	02	8	26	4	1	5	Cu	17.8	16.1	42	09	5	00	0	0	2	Sc	23.6	+5.1	8.9	18	-2	7	-1	88	dr.	9	17	143
SUEZ	02	9	30	2	1	5	Cu	16.4	17.4	43	01	7	02	1	0	1	Sc	22.8	+4.7	9.8	18	-2	8	-2	84	0	14	12	144
FAYUM	02	8	30	3	1	5	Cu	18.4	17.9	42	00	7	30	1	0	0	—	23.6	+4.9	11.6	19	-2	5	-2	70	0	dr.	6	153
MINYA	02	7	28	4	5	4	Cu	18.2	17.4	53	00	—	02	3	0	0	—	23.1	+4.5	10.0	18	-3	6	-1	80	dr.	4	—	154
ASYUT	02	8	30	4	1	5	Sc	18.6	16.9	52	00	6	22	3	0	0	—	23.1	+3.6	8.0	19	-3	6	-1	86	0	2	3	155
QENA	01	8	26	6	1	3	Cu	16.0	19.0	45	00	8	24	2	0	0	—	21.5	+4.0	10.6	20	-4	7	-1	77	0	dr.	—	156
LUXOR	01	7	26	5	1	3	Cu	16.2	18.4	49	00	7	22	2	0	0	—	20.8	—	13.2	20	—	7	—	65	0	dr.	—	157
ASWAN	01	7	28	4	1	3	Cu	15.6	20.5	19	00	7	30	1	0	0	—	21.1	+2.9	9.4	21	-5	8	-2	56	0	1	—	158
SIWA	03	7	26	1	2	8	Cu	—	18.0	62	00	7	00	0	0	0	—	—	—	10.0	20	-1	5	0	74	0	dr.	6	148
BAHARIA	01	9	32	1	0	3	—	18.8	18.0	44	00	9	00	0	0	0	—	24.7	—	9.5	19	—	4	—	71	0	0	—	149
KHARGA	00	8	32	3	0	0	—	18.7	18.2	43	00	8	12	2	0	0	—	22.7	+4.1	11.5	19	-5	6	0	58	0	dr.	tr.	151
DAKHLA	01	8	30	4	1	2	Cc	20.2	17.0	37	00	6	22	2	0	0	—	24.2	+5.1	8.8	18	-6	5	-1	69	0	dr.	—	152
[illegible]	30	3	28	7	0	0	—	12.7	18.7	66	00	6	32	3	0	0	—	19.1	+1.8	15.5	20	-1	11	+2	63	0	19	11	145
HURGHADA											01	9	28	5	0	3	Cu	18.6	+1.9	15.7	22	0	11	+1	60	dr.	1	—	146
QUSEIR	02	7	24	3	1	4	Ac	14.3	20.6	30	03	6	30	4	2	6	Cu	18.7	+2.2	15.9	22	-1	12	-2	50	0	tr.	6	147
PORT SUDAN	03	—	04	4	2	—	—	11	26	65	03	—	30	4	2	7	—	16.0	+1.0	21.8	26	-1	20	+1	77	0	71	102	169
WADI HALFA	03	7	30	6	1	6	Cu	18.0	19	23	01	8	32	2	0	1	Ac	22.9	+4.7	9.2	20	-6	6	-2	61	—	—	—	165
KAREIMA	18	6	26	6	0	0	—	15.6	24	25	00	8	32	4	0	0	—	18.3	+2.5	13.0	25	-6	11	-2	45	0	0	1	166
ATBARA	01	—	32	6	3	—	—	10	29	10	00	—	32	6	0	0	—	15.6	+1.5	16.8	29	-2	14	0	27	0	6	1	167
KHARTUM	18	4	32	5	3	0	—	9.1	31	11	02	8	32	3	1	5	Cs	16.2	+2.7	15.8	31	-2	14	-2	24	0	dr.	5	168
KASSALA	00	8	32	3	0	0	—	2.6	37	14	05	6	02	3	0	1	Ci	12.2	+0.3	18.2	38	+3	16	-1	28	0	dr.	11	170
WAD MEDANI	01	—	32	4	2	—	—	7	29	10	00	—	02	4	0	0	—	15.5	+2.7	17.1	32	-3	11	-4	21	0	2	13	171
[illegible]	01	—	—	1	0	—	—	9	28	10	00	—	—	4	0	0	—	15.5	+2.7	17.6	31	-3	14	0	34	0	14	12	173
RENK	00	7	28	3	0	0	—	6.2	32	24									—			—		—					182
[illegible]	01	—	04	1	0	—	—	2	37	10	00	—	30	1	0	0	—	10.6	-0.6	20.4	38	+1	17	+1	34	0	27	37	172
[illegible]	00	7	32	3	0	0	—	4.1	26	55	01	8	02	3	0	4	Ci	17.3	+2.3	13.7	27	-4	12	+1	57	0	8	19	174
[illegible]	01	—	06	4	0	—	—	—	27	10	00	—	06	3	0	0	—	—	—	13.9	31	0	10	0	33	0	0	8	175
GENEINA	12	7	06	4	3	5	Ac	—	27	15	00	7	04	5	0	0	—	—	—	14.0	30	—	13	—	28	0	dr.	—	179
KADUGLI	02	7	08	4	2	5	—	—	37	11																			187
MALAKAL	03	7	02	4	1	6	—	3.9	35	13	17	6	04	5	2	4	Ac	12.3	+1.5	20.0	37	+1	18	0	15	0	83	93	176
WAU	02	—	06	2	0	—	—	1	35	10	00	—	04	2	0	0	—	12.3	+2.3	22.0	35	-1	20	+2	25	0	103	149	177
JUBA	02	8	28	2	1	4	Cu	3.2	37	35	00	8	30	1	0	0	—	11.0	+0.9	25.5	38	0	22	+1	76	0	231	144	178

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

SALUM	MATRÛH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 9th
h. m.	h. m.	8 h. m.	h. m.	h. m.	h. m.	h. m.	5 h. m.	7 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	13 h. m.
		02.00.00					03.02.20	06.03.25	06.35.45	06.05.15	07.03.25	06.03.45	06.04.20	02.34.25
		05.05.05					06.02.50	10.02.35	10.02.60	10.04.20	10.05.45	10.03.85	10.03.20	05.36.35
		10.01.10					10.02.55	15.03.35	15.35.35	15.04.25	15.06.35	13.04.60	15.01.20	10.34.15
		18.36.20					15.02.45	20.03.30	20.23.25	20.03.40	20.07.20		20.34.25	15.36.15
		Ext. Cb.					17.36.30	22.36.40	30.25.40				30.33.20	20.34.25
									36.28.35					Ext. Cu

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 9th	Diff. from normal	Wet bulb temp °C on 9th	Diff. from normal
Alexandria	61	-3	11.6	+0.5
Ezbekîya	68	+4	10.4	-0.1
Gîza	74	+7	9.9	-0.3
Helwân	65	+12	8.9	-0.4

Gîza Grass minimum on 10th 1.4 °C

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

DATE	1939	1938
10.2	1273	902
9.2	1273	928

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-2	13.40	+0.08	13.40	+0.08
Nâsser	9-2	6.07	+0.69	6.10	+0.70
Malakâl	10-2	11.31	+0.71	11.46	+0.84
Roseires	10-2	12.39	+0.66	12.40	+0.65
Sennâr Res.	10-2	20.59	—	20.61	—
J. Aulia U.S.	10-2	374.85	—	374.98	—
J. Aulia D.S.	10-2	372.19	+0.76	372.25	+0.80
Khartûm	10-2	11.10	+0.63	11.11	+0.63
Kh. el Girba					
'Atbara	10-2	10.78	+0.44	10.78	+0.43
Kajnarti	10-2	133.71	+0.60	133.78	+0.64
Aswân Res.	10-2	121.01	—	121.00	—
Aswân D.S.	10-2	86.46	+0.15	86.44	+0.08
Rôda (Cairo)	10-2	15.84	+0.30	15.82	+0.31

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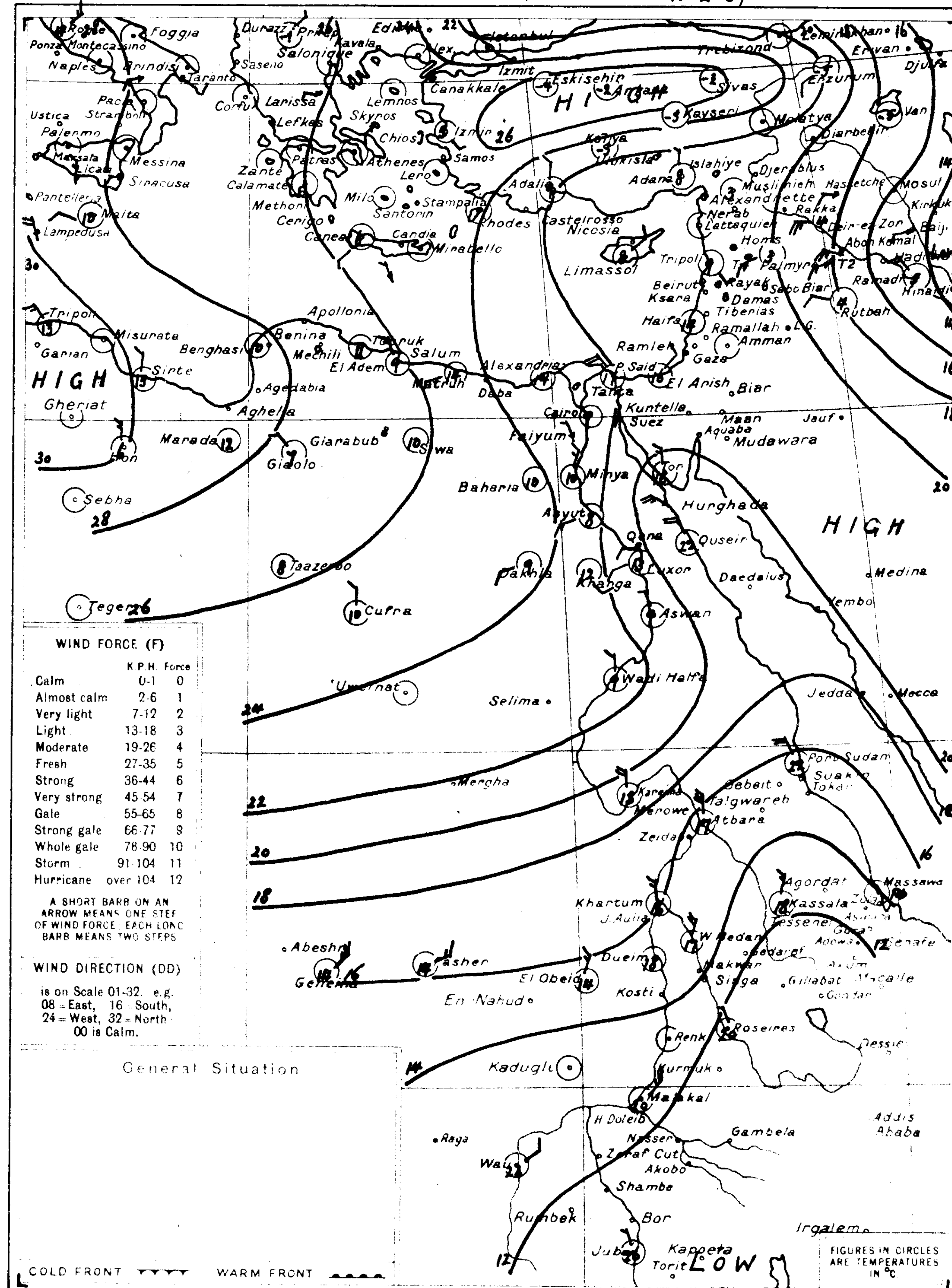
١٠-٢-٣٩ Isobars, Wind and Temperature at 8 h. 10-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS.

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	6	04	2	1	3	—	21.1	+4.9	8	—	—	—	—	—	0	400	332
Haifa	00	—	00	0	—	0	—	20.7	+5.5	14.2	19	+1	9	+1	57	0	413	544
SHIPS سفن																		

(At 8 h. on 10-2-39 الساعة ٨ يوم ١٠-٢-٣٩)

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

Clear, slight	0
Variable sky	1
Misty ...	2
Sandstorm ...	3
Fog ...	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

[illegible]	0
200	1
400	2
[illegible]	3
[illegible]	4
4	5
10	6
20	7
50	8
... over 50 kms	9

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 38
Time of Sunset 17 40

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

DAILY WEATHER REPORT

Month FEBRUARY 1939 — ١٩٣٩ شهر فبراير

At 14 h. on 10th — الساعة ١٤ يوم ١٠ | At 8 h. on SATURDAY 11th — الساعة ٨ يوم السبت

STATION	14h: Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp TTT	% Humidity UU	8h: Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
SALUM	02	8	00	0	1	4	Cu	24.6	17.0	53	01	6	24	4	0	2	Cu	21.5	+3.4	7.2	18	—	6	—	93	0	73	—	130
MATRUH	01	7	28	3	0	2	As	—	16.8	63	02	6	20	3	1	5	Sc	17.9	-0.1	11.4	17	-1	8	0	86	0	80	127	131
[illegible]	01	8	30	2	1	3	Cu	23.1	16.7	33											—		—					—	150
ALEXANDRIA	01	9	04	1	2	3	Ac	22.7	18.3	54	01	9	20	1	2	3	Cu	18.7	+0.7	13.0	19	0	10	-1	70	0	141	155	132
DAMIETTA											04	6	16	2	4	0	—	19.2	—	11.5	17	—	7	—	82	0	41	80	159
PORT SAID	01	8	28	4	1	3	Cc	21.6	19.5	52	00	8	20	4	1	0	—	19.1	+2.7	13.2	21	+2	10	-1	77	0	29	55	134
EL ARISH	00	7	28	3	1	0	—	21.2	17.2	59	00	7	12	1	1	0	—	19.5	—	10.0	18	—	6	—	74	0	87	59	135
[illegible]											03	4	18	2	2	6	Cu	19.5	+2.6	9.0	17	-3	7	0	84	0	13	72	136
MANSURA											41	8	02	1	4	0	—	19.0	—	8.3	20	0	6	-1	86	0	24	34	137
TANTA	02	7	28	3	1	4	Cu	22.3	20.0	47	02	7	20	2	1	5	Sc	19.0	+1.7	10.0	21	+1	3	-4	80	0	15	26	138
ZAG[illegible]	01	8	30	2	1	3	Cc	21.6	20.0	51	08	4	20	1	4	9	—	19.6	—	11.4	20	-1	3	-3	82	0	11	18	139
[illegible]	02	8	02	2	2	5	Sc	21.5	18.0	43	05	6	00	0	1	2	Sc	23.9	—	11.5	19	—	6	—	69	0	2	—	141
[illegible]	02	8	02	1	2	4	Cu	21.8	19.8	41	01	7	12	2	1	3	Sc	19.6	+1.0	10.0	22	+1	7	-1	74	0	4	16	
[illegible]	02	8	32	3	1	4	Cu	21.8	19.9	44	01	7	12	2	0	3	Sc	19.9	+0.9	8.1	20	0	3	-3	89	0	3	17	
HELWAN	01	7	32	2	0	3	Cu	21.2	17.6	38	05	5	00	0	0	0	—	19.9	+1.4	10.3	18	-2	7	-2	71	0	9	17	143
[illegible]	01	9	32	2	1	3	Cu	21.2	17.4	43	00	7	04	1	0	0	—	19.6	+1.6	9.3	19	-1	8	-2	82	0	14	12	144
[illegible]	00	8	02	3	0	0	—	22.2	18.8	36	02	6	00	0	1	5	Cu	20.6	+1.9	9.5	21	0	6	-1	75	0	dr.	6	153
[illegible]	01	7	30	3	1	3	Cu	21.5	17.7	56	09	4	00	0	0	0	—	20.6	+2.1	8.7	18	-3	6	-1	81	0	4	—	154
ASYUT	00	8	30	3	0	0	—	20.6	18.2	37	00	6	22	3	0	0	—	20.7	+1.3	8.0	20	-2	6	-1	86	0	2	3	155
[illegible]	00	8	26	1	0	0	—	19.1	21.2	45	00	8	26	2	0	0	—	20.0	+2.5	10.6	23	-2	6	-2	75	0	dr.	—	156
LUXOR	00	7	28	2	0	0	—	18.7	21.7	47	00	7	08	2	0	0	—	19.1	—	10.2	23	—	3	—	71	0	dr.	—	157
ASWAN	00	7	30	3	0	0	—	17.5	19.8	29	01	7	02	1	1	3	Cu	18.2	+0.1	10.4	22	-4	8	-2	57	0	1	—	158
SIWA	02	7	00	0	2	5	Cu	—	18.0	69	00	7	00	0	0	0	—	—	—	11.0	21	0	7	+2	63	0	dr.	6	148
BAHARIA	00	9	00	0	0	0	—	21.6	18.3	43	00	9	00	0	0	0	—	21.4	—	9.0	20	—	3	—	63	0	0	—	149
[illegible]	00	8	04	4	0	0	—	20.4	18.9	39	00	8	04	1	0	0	—	19.9	+1.4	10.2	20	-4	5	-1	62	0	dr.	tr.	151
DAKHLA	00	8	02	2	0	0	—	21.4	18.0	29	05	5	22	1	0	0	—	21.1	+2.0	8.1	19	-5	5	-1	62	0	dr.	—	152
[illegible]	00	6	28	6	0	0	—	18.2	18.5	71	00	6	32	2	0	0	—	19.1	+1.9	11.5	20	-2	8	-1	71	0	19	11	145
[illegible]											01	9	30	3	0	2	Cu	18.7	+2.1	17.4	20	-2	10	0	52	0	1	—	146
SUEZ	03	7	32	3	2	6	Cu	19.0	19.9	56	01	7	24	2	1	4	Ac	17.9	+1.5	17.9	20	-3	14	0	47	0	tr.	6	147
PORT SUDAN	03	—	04	6	2	—	—	14	24	75	03	—	30	4	—	7	—	14.3	-0.7	22.7	25	-2	16	-3	49	0	71	102	169
WADI HALFA	—	—	32	3	0	2	—	18.4	20	25	01	8	04	2	1	4	Cs	19.5	+1.3	9.5	21	-5	8	-1	61	—	—	—	165
KAREIMA	01	8	28	5	0	3	Cu	16.1	23	18	02	8	28	3	1	5	Ci	17.3	+1.5	11.6	24	-7	10	-3	33	0	0	1	166
ATBARA	01	—	28	4	0	—	—	12	26	10	00	—	32	3	0	0	—	14.7	+0.6	17.0	26	-5	13	-1	36	0	6	1	167
KHARTUM	03	7	04	3	1	6	—	11.5	28	17	03	8	30	4	1	8	Cs	14.4	+1.0	16.7	29	-4	14	-2	26	0	dr.	5	168
KASSALA	00	7	06	3	0	0	—	5.4	35	24	00	7	02	2	0	0	—	10.7	-1.1	19.2	36	+1	15	-2	63	0	dr.	11	170
[illegible]	01	—	30	5	0	—	—	9	30	10	00	—	30	3	0	0	—	13.6	+0.8	16.8	30	-5	9	-6	22	0	2	13	171
[illegible]	01	—	—	3	0	—	—	11	27	25	00	—	22	3	0	0	—	14.3	+1.6	17.4	28	-6	14	0	42	0	14	12	173
[illegible]	00	7	28	4	0	0	—	8.6	29	34									—		—		—						182
[illegible]	01	—	30	1	0	—	—	5	31	10	00	—	20	1	0	0	—	9.9	-1.3	20.0	32	-5	15	-1	31	0	27	37	172
[illegible]	02	7	04	3	0	4	—	11.5	25	50	00	8	32	2	0	0	—	16.4	+1.4	13.6	25	-6	11	0	57	0	8	19	174
[illegible]											00	—	04	2	0	0	—	—	—	13.2	30	-1	9	-1	34	0	0	8	175
GENEINA	02	7	02	4	0	5	Ac	—	26	13	01	7	06	4	0	4	Ac	—	—	13.0	29	—	12	—	25	0	dr.	—	179
[illegible]																													187
MALAKAL	01	7	02	4	1	3	Ac	7.0	32	10	01	8	02	5	0	2	Cs	11.8	+1.0	20.9	32	-4	17	-1	11	0	83	93	176
WAU	01	—	32	1	0	—	—	7	31	10	00	—	28	1	0	0	—	11.1	+1.1	21.0	32	-4	18	0	23	0	103	150	177
JUBA	02	8	02	2	0	4	Cu	4.8	35	37	00	8	00	0	0	1	Ac	11.7	+1.6	23.0	36	-2	19	-2	52	0	231	144	178

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

[illegible]	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Geneina
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	4 h. m.	5 h. m.	6 h. m.	6 h. m.	7 h. m.	6 h. m.	6 h. m.	5 h. m.
							03.02.25	06.36.30	06.35.45	06.08.05	07.02.25	06.02.55	06.28.10	10.04.45
							06.03.40	10.36.25	10.01.40	10.05.15	10.04.40	10.04.60	10.31.05	15.06.10
							10.02.35	15.35.20	15.01.10	15.30.10	15.35.15	15.06.40	15.00.00	20.27.10
							15.11.20	20.34.25	20.26.25	20.25.15	20.34.10	20.01.15		24.28.05
							20.06.05		30.27.45	30.29.25		30.06.25		
							30.29.20		40.28.35	40.26.30		40.14.25		
							40.26.65		50.36.10			43.14.30		
												2		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 10th	Diff. from normal	Wet Bulb Temp °C on 10th	Diff. from normal
Alexandria	61	-3	12.1	+1.0
Ezbekiya	68	+4	10.8	+0.3
Gîza	76	+10	10.9	+0.7
Helwân	63	+10	9.5	+0.2

Gîza Grass minimum on 11th -0.5 °C

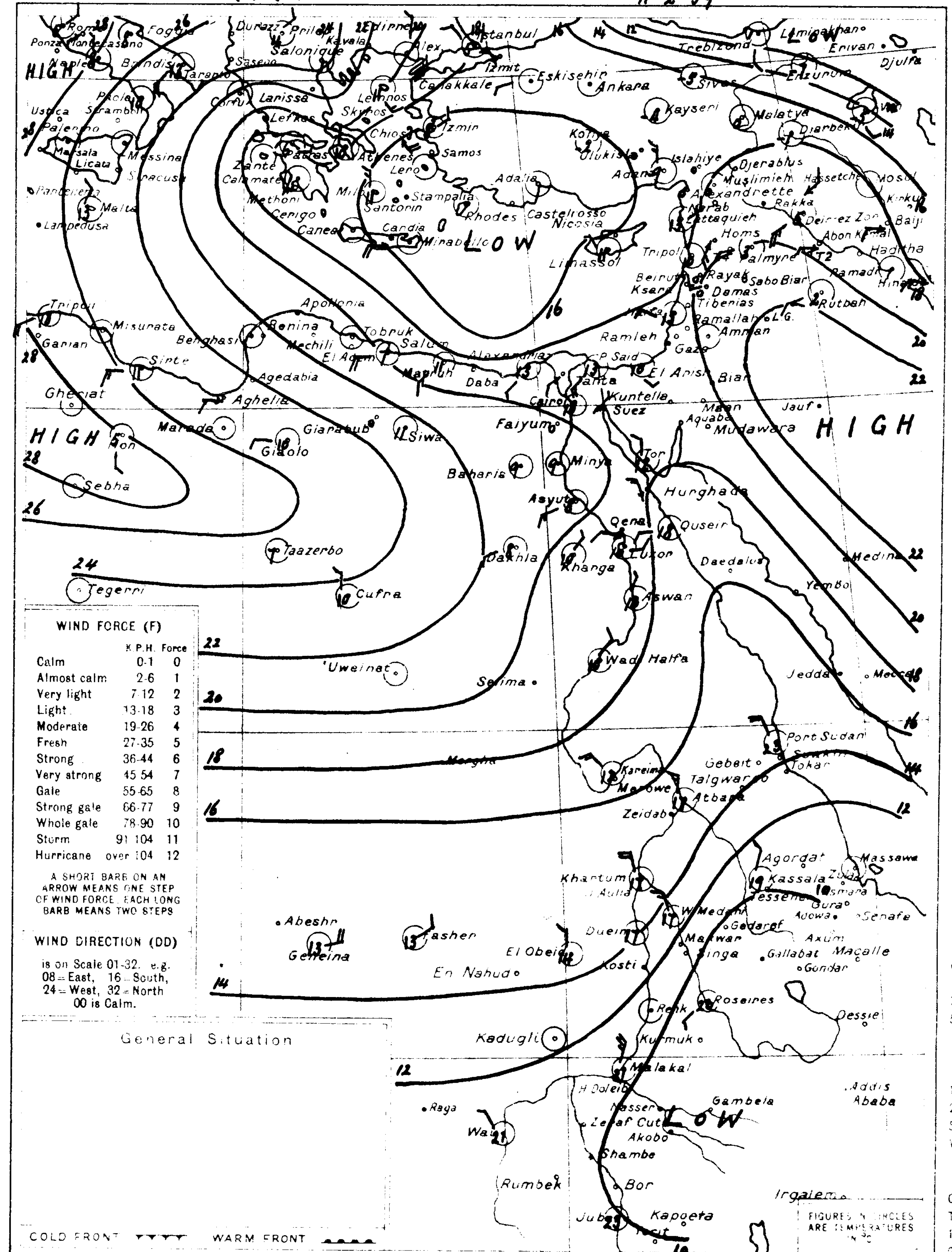
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
11-2	1273	892
10-2	1273	902

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11-2	13.38	+0.06	13.40	+0.08
Nâsser	9-2	6.07	+0.69	6.10	+0.70
Malakal	11-2	11.26	+0.68	11.31	+0.71
Roseires	11-2	12.40	+0.68	12.39	+0.66
Sennâr Res.	11-2	20.56	—	20.59	—
J. Aulia U.S	11-2	374.93	—	374.85	—
J. Aulia D.S	11-2	372.17	+0.76	372.19	+0.76
Khartûm	11-2	11.10	+0.64	11.10	+0.63
Kh. el Girba					
Atbara	11-2	10.80	+0.47	10.78	+0.44
Kajnarti	11-2	133.69	+0.61	133.71	+0.60
Aswân Res.	11-2	121.00	—	121.01	—
Aswân D.S.	11-2	86.46	+0.20	86.46	+0.15
Roda (Cairo)	11-2	15.82	+0.27	15.84	+0.30

Printed by the Survey & Mines Dept. 1938 (38/554)

٣٩-٢-١١ Isobars, Wind and Temperature at 8 h. 11-2-39



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

At 8 h. on 11th — الساعة ٨ يوم ١١

STATION رصد	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms
Limassol	02	6	28	1	2	5	—	16.6	+0.4	11	—	—	—	—	—	0	400	384
Haifa	01	—	26	1	—	3	—	19.0	+3.8	14.8	17	-1	12	+4	63	0	413	547
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick [illegible]	40-49
Mod. Fog in [illegible]	41
Thick [illegible]	42
Fog in patches	46
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
,, of Snow	83-84
,, of Sleet	85-86
,, of Hail	88-89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 37 m
" " Sunset 17 h 41 m

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

DAILY WEATHER REPORT

Month FEBRUARY, 1939 — ١٩٣٩ شهر فبراير

At 14 h. on 11th — الساعة ١٤ يوم ١١

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU
[illegible]	03	7	22	5	2	6	Cu	17.0	15.8	53
MATRUH	02	7	26	4	1	4	Sc	—	17.0	70
DIKHEILA	02	8	22	6	1	5	Sc	15.9	17.1	62
ALEXANDRIA	02	9	20	5	2	5	Ac	15.1	16.6	62
DAMIETTA										
PORT SAID	02	7	26	3	1	4	Cu	14.7	18.9	50
EL ARISH	00	7	16	1	0	0	—	15.0	19.9	53
DAMANHUR										
MANSURA										
TANTA	02	7	28	6	1	4	Sc	15.0	18.5	54
ZAGAZIG	02	7	20	3	1	4	Ce	14.8	18.8	55
ALMAZA	02	8	26	2	2	5	Sc	15.9	18.0	40
EZBEKIYA	02	8	22	1	2	4	Cu	15.4	21.2	34
GIZA	02	8	26	3	1	5	Cu	15.2	19.4	36
HELWAN	02	9	24	1	1	4	Cu	15.5	18.1	37
SUEZ	01	9	12	1	0	2	Cu	15.5	18.9	45
FAYUM	02	6	28	1	1	4	Cu	16.2	18.8	45
MINIA	00	6	28	3	1	0	—	16.4	19.0	49
ASYUT	00	8	28	3	0	0	—	16.3	20.0	34
QENA	00	8	26	2	0	0	—	15.1	23.3	43
LUXOR	00	7	22	2	0	0	—	14.4	23.2	45
ASWAN	01	7	00	0	1	3	Ci	13.1	22.0	36
SIWA	02	7	26	2	1	5	Cu	—	19.2	58
BAHARIYA	02	9	24	1	1	4	—	16.8	18.2	35
KHARGA	00	8	32	3	0	0	—	17.4	19.4	36
DAKHLA	01	7	30	4	1	2	Ci	17.1	18.8	30
[illegible]	00	6	28	2	0	0	—	14.0	21.5	57
[illegible]										
[illegible]	02	7	32	2	1	4	Ac	15.6	20.7	67
PORT SUDAN										
WADI HALFA										
KAREIMA										
ATBARA										
KHARTUM										
KASSALA										
WAD MEDANI										
[illegible]										
[illegible]										
[illegible]										
[illegible]										
[illegible]										
[illegible]										
[illegible]										
[illegible]										
[illegible]	01	—	32	2	0	—	—	7	32	10
[illegible]										

At 8 h. on SUNDAY 12th — الساعة ٨ يوم الاحد ١٢

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm.	Min. Today °C mm	Min. Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
[illegible]	13	7	26	4	1	6	Ns	18.0	0.0	9.2	17	—	7	—	76	dr	73	—	130
MATRUH	21	4	28	7	5	6	Ns	14.0	-3.9	12.2	18	0	9	+1	76	3	83	127	131
DIKHEILA	02	7	24	7	2	5	Cb	10.2	—	14.6	18	—	11	—	63	4	68	—	150
ALEXANDRIA	03	9	28	8	6	5	Cb	9.5	-8.5	14.1	18	-1	11	0	57	2	143	156	132
DAMIETTA	50	9	20	3	1	5	Sc	9.0	—	11.7	19	—	8	—	76	dr	41	80	159
PORT SAID	01	7	20	6	1	3	Ac	9.0	-7.4	12.6	20	+1	11	0	74	0	29	56	134
EL ARISH	02	7	20	2	1	6	Cu	9.8	—	12.1	20	—	9	—	74	0	87	60	135
DAMANHUR	20	4	20	4	6	5	Cu	9.0	-7.8	10.0	17	-3	9	+2	89	2	15	73	136
MANSURA	01	7	18	3	1	3	Sc	9.4	—	10.9	19	-1	9	+2	76	0	24	34	137
TANTA	01	8	20	3	1	3	Sc	10.7	-6.6	10.2	21	+1	8	+1	89	dr	15	27	138
ZAGAZIG	02	7	20	4	1	4	Cs	11.5	—	12.8	19	-2	8	+2	73	0	11	18	139
ALMAZA	02	8	22	3	2	4	Sc	12.3	—	12.6	20	—	10	—	68	0	2	—	141
EZBEKIYA	02	5	26	2	1	4	Ac	12.0	-6.5	12.0	22	+1	10	+2	68	0	4	17	
GIZA	02	7	22	3	2	4	Ac	12.0	-7.0	11.4	21	+1	8	+2	71	0	3	17	
HELWAN	02	7	00	0	1	4	Cu	12.6	-5.8	11.6	20	0	10	+1	65	0	9	18	143
SUEZ	02	7	28	1	—	5	Cu	11.9	-6.1	13.9	22	+2	9	-1	56	0	14	12	144
FAYUM	01	7	20	1	0	1	Cu	13.1	-5.5	11.6	22	+1	8	+1	61	0	dr	6	153
MINIA	02	5	30	1	2	4	Ac	14.3	-4.2	11.0	20	-1	8	+1	71	0	4	—	154
ASYUT	00	6	28	3	0	0	—	15.8	-3.6	10.0	21	-1	6	-1	62	0	2	3	155
QENA	00	8	26	4	0	0	—	15.2	-2.2	10.9	25	0	8	0	65	0	dr	—	156
LUXOR	00	7	12	2	0	0	—	15.0	—	12.5	25	—	6	—	71	0	dr	—	157
ASWAN	00	7	30	1	0	0	—	15.4	-2.7	11.2	25	-1	8	-3	46	0	1	—	158
SIWA	00	7	00	0	0	0	—	—	—	13.0	20	-1	7	+2	66	0	dr	6	148
BAHARIYA	00	9	24	1	0	0	—	16.3	—	11.0	19	—	7	—	65	0	0	—	149
KHARGA	00	8	28	2	0	0	—	17.0	-1.4	11.5	20	-4	7	+1	57	0	dr	tr	151
DAKHLA	05	6	26	1	0	0	—	18.2	-0.8	8.0	20	-4	5	-1	62	0	dr	—	152
[illegible]	01	6	28	4	0	1	Cu	12.0	-5.2	17.0	22	0	9	-1	61	0	19	11	145
[illegible]	01	9	28	3	0	2	Cu	12.3	-4.3	16.2	21	-1	10	0	49	0	1	—	146
[illegible]	00	7	24	1	0	0	—	13.5	-2.8	17.1	22	-1	12	-2	50	0	tr	6	147
PORT SUDAN	01	—	28	2	0	4	—	13.0	-1.9	23.6	26	-1	17	-2	54	0	71	102	169
WADI HALFA	01	8	02	3	1	4	Ac	18.3	+0.2	11.4	23	-3	10	+1	52	—	—	—	165
KAREIMA	00	8	32	4	0	2	Ci	17.2	+1.5	12.0	26	-5	10	-3	43	0	0	1	166
ATBARA	00	—	30	3	0	0	—	14.6	+0.6	17.2	27	-4	14	0	41	0	6	1	167
KHARTUM	00	9	30	3	0	0	—	14.8	+1.4	16.5	30	-3	14	-2	26	0	dr	5	168
KASSALA	00	8	02	3	0	0	—	11.6	-0.2	16.5	34	-1	14	-3	70	0	dr	11	170
WAD MEDANI	00	—	32	5	0	0	—	13.1	+0.4	18.2	31	-4	11	-4	19	0	2	13	171
[illegible]	00	—	—	4	0	0	—	13.3	+0.6	18.8	29	-5	14	0	41	0	14	12	173
[illegible]									—				—						182
[illegible]	00	—	30	1	0	0	—	9.5	-1.7	19.7	35	-2	14	-2	34	0	27	37	172
[illegible]	00	8	32	3	0	0	—	14.9	0.0	14.8	27	-4	12	+1	58	0	8	19	174
[illegible]	00	—	06	2	0	0	—	—	—	13.9	29	-2	9	-1	33	0	0	8	175
[illegible]	02	8	32	4	0	5	Cc,Ac	—	—	13.6	31	—	12	—	28	0	dr	—	179
[illegible]	01	7	28	4	0	1	—	11.5	—	20	33	—	17	—	40	0	—	—	187
[illegible]	00	8	04	6	0	0	—	10.3	-0.5	21.9	34	-2	17	-1	13	0	83	93	176
[illegible]	00	—	04	2	0	0	—	10.0	0.0	20.5	33	-3	16	-2	30	0	103	150	177
[illegible]	00	8	16	1	0	0	—	10.2	+0.1	24.0	36	-2	19	-2	46	0	231	145	178

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

[illegible]	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Geneina
7 h.	h.	8 h.	8 h 30 m	8 h 30 m	7 h.	7 h.	4 h.	5 h.	6 h.	6 h.	6 h.	7 h.	6 h.	7 h.
[illegible].30.20		03.30.80	02.27.40	02.22.05	05.30.40	02.33.10	03.34.35	06.03.40	06.34.45	06.04.15	07.02.20	06.02.60	06.34.15	10.04.40
[illegible].32.—		04.30.60	05.29.45	05.28.25	10.29.30	05.34.30	06.35.35	10.02.35	10.36.40	10.04.25	10.01.30	10.03.70	10.34.15	15.09.15
[illegible].33.35		06.30.50	10.29.40	08.28.40	15.29.30	10.33.40	10.35.40	15.01.35	15.29.10	15.04.15	15.35.15	15.03.30	15.35.20	20.28.15
[illegible].33.30			15.29.45	10.28.50		15.29.30	15.32.15	20.03.20	20.27.40	20.03.35	20.05.10	20.05.35	20.35.20	30.25.15
20.33.45			20.27.35	15.28.45		20.26.30	19.29.20	21.03.15	30.25.55		30.13.05	30.12.05	30.36.25	40.23.10
25.34.70			ent. Ac	20.27.30					40.05.10			31.14.05		50.30.10
				23.28.35										60.29.15

Forecast for 24 hours from noon on 12th

On the coast northwest winds, strong to gale force. Inland strong westerly winds, at times reaching gale force.
Much low cloud.
Scattered showers.
Remaining cool and unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٢
على الساحل رياح شمالية غربية بين الشديدة والعاصفة
وفي الداخل رياح غربية شديدة وتصل قوتها العاصفة احيانا
يكثر السحاب المنخفض
تتساقط مطر في جهات متفرقة.
يستمر الطقس مائلا للبرودة ومضطربا .

STATION	Mean of day: Humidity % on 11th	Diff. from normal	Wet bulb temp °C on 11th	Diff. from normal
Alexandria	64	0	11.8	+0.7
Ezbekiya	59	-4	10.8	+0.2
Gîza	67	+1	9.8	-0.5
Helwân	57	+5	9.6	+0.3

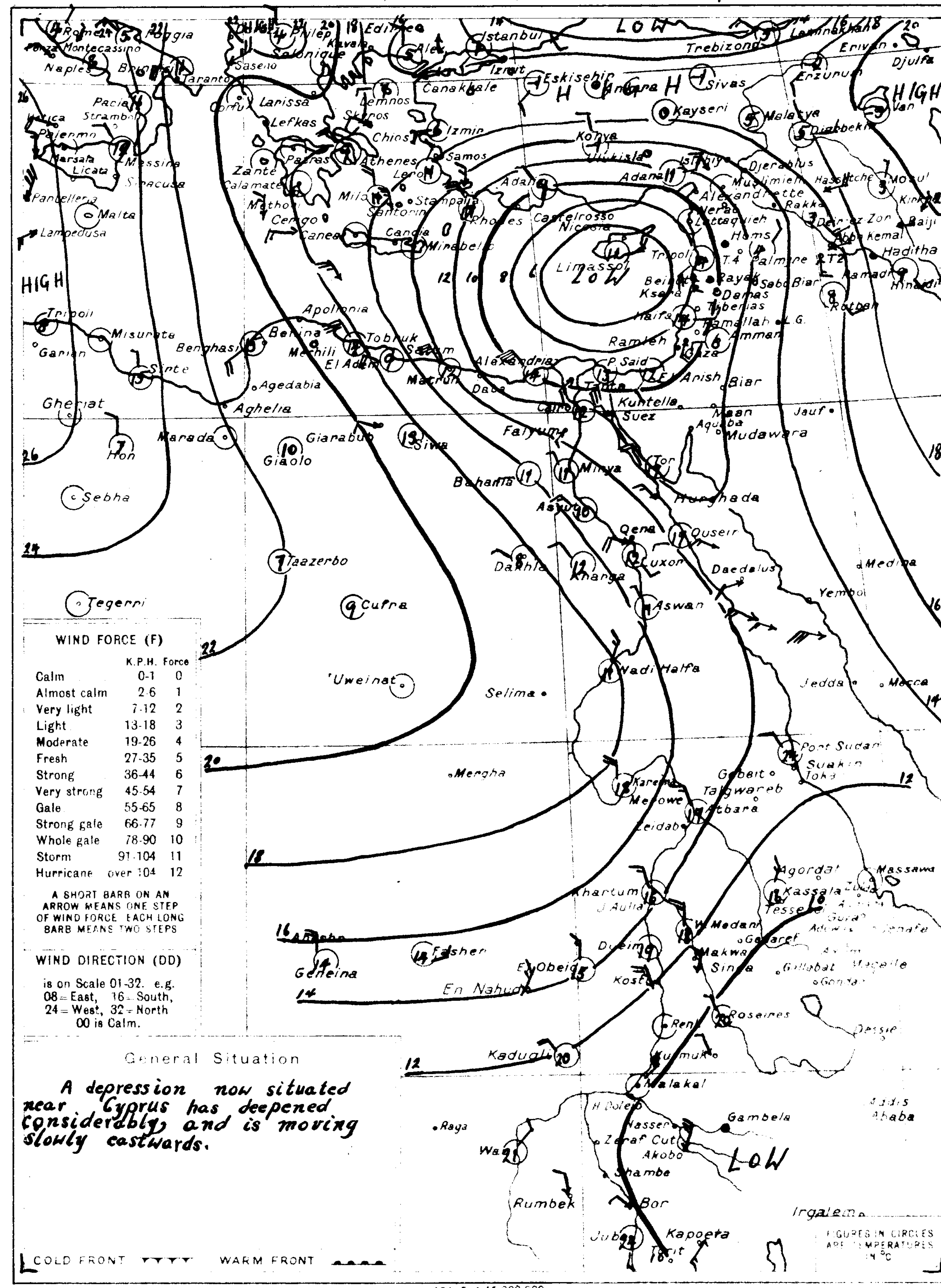
Gîza Grass minimum on 12th 5.2 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
12.2	1273	891
11.2	1273	892

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11.2	13.38	+0.06	13.40	+0.08
Nasser	9.2	6.07	+0.69	6.10	+0.70
Malakal	11.2	11.26	+0.68	11.31	+0.71
Roseires	12.2	12.39	+0.68	12.40	+0.68
Sennâr Res	11.2	20.56	—	20.59	—
J. Aulia U.S	11.2	374.93	—	374.85	—
J. Aulia D.S	11.2	372.17	+0.76	372.19	+0.76
Khartûm	11.2	11.10	+0.64	11.10	+0.63
Kh. el Girba					
Atbara	11.2	10.80	+0.47	10.78	+0.44
Kajnarti	11.2	133.69	+0.61	133.71	+0.60
Aswân Res.	12.2	121.00	—	121.00	—
Aswân D.S.	12.2	86.45	+0.22	86.46	+0.20
Rôda (Cairo)	12.2	15.77	+0.31	15.82	+0.27

Isobars, Wind and Temperature at 8 h. 12-2-39 ١٢-٢-٣٩



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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

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

General Situation

A depression now situated near Cyprus has deepened considerably, and is moving slowly eastwards.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

At 8 h. on 12th — الساعة ٨ يوم ١٢

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	20	5	08	2	6	6	—	4.7	-11.3	11	—	—	—	—	—	34	434	337
Haifa	03	—	08	2	—	7	—	7.5	-7.6	14.2	20	+2	9	+1	73	0	413	550
Gaza																		
SHIPS																		

Remarks

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

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

PAST WEATHER (W) — [illegible]

VISIBILITY (V) — [illegible]

CLOUD AMOUNT (N)

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

CLOUD FORM (C) — [illegible]

Printed by the Survey & Mines Dept. 1938 (38 554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

06 36
17 41

Month FEBRUARY, 1939 ١٩٣٩ شهر فبراير

At … h. on 12th ١٢ الساعة … يوم — At 8 h. on MONDAY 13th الأثنين ١٣ الساعة ٨ يوم

STATION	ww (12th)	V	DD	F	W	N	C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp °C TTT	Humidity UU	Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
	02	7	32	5	1	5	cb	17.6	14.0	51	01	7	26	3	0	2	Cu	21.5	+3.5	7.9	16	—	7	—	93	0	73	—	130
	02	6	26	6	2	5	cb	13.8	15.9	53	01	7	32	4	1	3	Sc	17.8	-0.1	15.2	16	-2	10	+2	63	2	85	128	131
	02	7	28	7	2	4	cb	9.5	15.6	59	01	8	30	5	1	4	Cu	16.8	—	15.5	16	—	10	—	63	dr	68	—	150
ALEXANDRIA	02	9	28	9	5	5	cb	9.8	15.3	52	02	9	32	5	6	4	Cu	16.3	-1.6	15.0	17	-2	12	+1	53	1	144	157	132
DAMIETTA											01	8	30	2	0	2	Cu	15.0	—	15.0	15	—	11	—	68	7	48	81	159
PORT SAID	20	6	22	6	6	6	Cu	7.6	13.4	85	01	7	22	3	6	3	Cu	15.1	-1.2	13.9	16	-3	10	-1	84	5	34	56	134
EL ARISH	03	3	24	4	5	8	cb	7.9	14.8	70	03	6	24	1	1	8	Cu	14.3	—	10.1	18	—	9	—	99	12	99	61	135
											02	5	24	2	2	4	Ac	17.0	+0.2	10.0	16	-4	8	+1	87	2	17	74	136
											01	8	24	2	1	3	Sc	15.8	—	10.0	17	-3	8	+1	82	dr	24	35	137
	03	6	18	6	2	6	Sc	10.0	15.6	59	00	8	00	0	0	0	—	16.4	-0.8	8.6	18	-2	6	-1	92	5	20	27	138
	02	7	20	9	2	4	Cc	9.8	17.8	53	01	7	20	2	1	3	—	17.1	—	12.4	18	-3	8	+2	83	1	12	19	139
	61	5	24	6	6	5	Ns	11.6	15.6	53	05	6	22	2	2	4	St	17.0	—	11.1	17	—	9	—	81	1	3	—	141
	03	4	28	6	3	8	Ns	11.5	16.2	48	02	6	26	3	2	4	Cu	16.7	-1.8	12.0	18	-3	10	+2	76	1	5	17	—
	21	4	26	4	5	7	Ns	11.2	16.0	44	01	7	26	3	0	3	Cu	17.2	-1.7	13.1	20	0	8	+2	75	tr	3	17	—
	18	4	26	7	5	8	cb	11.2	15.2	48	09	6	00	0	5	4	Ac	17.8	-0.6	10.1	17	-3	9	0	84	dr	9	18	143
	02	7	28	3	1	5	cu	10.4	17.0	41	01	7	28	2	1	3	As	16.4	-1.6	14.8	19	-1	12	+2	64	0	14	12	144
	05	5	30	4	1	7	Sc	13.0	17.0	40	00	6	00	0	0	0	—	18.4	-0.1	11.3	19	-2	8	+1	70	0	dr	6	153
	02	6	28	4	2	5	Cu	14.4	17.3	50	00	6	30	1	0	0	—	19.2	+0.8	10.8	18	-3	7	0	65	0	4	—	154
	02	8	26	4	1	5	Cu	15.4	18.2	35	00	6	24	3	0	0	—	20.2	+0.9	10.0	19	-3	6	-1	60	0	2	3	155
QENA	00	8	24	6	0	0	—	14.2	20.4	40	00	8	24	1	0	0	—	19.5	+2.2	10.8	21	-4	7	-1	65	0	dr	—	156
	01	7	28	5	1	3	Ac	14.2	20.2	41	00	7	18	2	0	0	—	18.8	—	12.2	21	—	4	—	62	0	dr	—	157
ASWAN	01	7	30	3	1	3	Ci	13.8	21.8	23	01	7	32	1	1	3	Cu	19.0	+1.0	11.2	22	-4	7	-4	42	0	1	—	158
SIWA	00	7	26	1	0	0	—	—	—	40	00	7	00	0	0	0	—	—	—	8.0	20	-1	4	-1	82	0	dr	6	148
BAHARIYA	00	9	24	1	0	0	—	16.0	18.0	36	00	9	00	0	0	0	—	19.8	—	9.0	18	—	6	—	70	0	0	—	149
	00	8	04	4	0	0	—	14.4	19.8	41	00	8	04	1	0	0	—	19.9	+1.5	10.4	20	-4	5	-1	58	0	dr	tr	151
	02	7	28	4	1	4	Cc	16.6	19.2	31	01	6	26	2	1	2	Ci	21.0	+2.1	7.0	20	-4	5	-1	59	0	dr	—	152
	00	6	28	5	0	0	—	11.4	19.5	58	20	5	32	2	6	4	Cu	16.3	-0.8	14.0	20	-2	11	+1	80	dr	19	11	145
HURGHADA											01	8	26	4	1	3	Cb	16.4	-0.1	15.8	23	+1	10	0	50	0	1	—	146
QUSEIR	00	7	26	4	0	0	—	12.0	22.2	34	00	7	26	4	0	0	—	17.1	+0.9	16.8	23	0	13	-1	47	0	tr	6	147
PORT SUDAN	02	—	06	4	1	—	—	10	26	55	03	—	30	3	1	7	—	14.7	-0.2	23.3	27	0	20	+1	39	0	71	102	169
WADI HALFA	01	8	30	4	1	2	Ac	16.4	21	27	01	8	02	1	0	2	Ci	20.8	+2.7	10.1	22	-4	6	-3	50	—	—	—	165
KAREIMA	01	8	28	4	1	3	—	14.4	23	25	00	8	28	3	0	0	—	13.8	+3.1	13.6	25	-6	9	-4	47	0	0	1	166
ATBARA	01	—	32	3	0	—	—	12	27	10	00	—	32	5	0	0	—	15.6	+1.7	16.0	27	-5	11	-3	27	0	6	1	167
KHARTUM	00	8	32	3	0	0	—	9.9	30	16	00	9	02	3	0	0	—	15.1	+1.8	16.6	30	-3	14	-2	26	0	dr	5	168
KASSALA	00	8	02	3	0	0	—	6.2	32	37	00	8	04	3	0	0	—	12.3	+0.6	16.7	33	-2	13	-4	34	0	dr	11	170
WAD MEDANI	01	—	30	5	0	—	—	9	30	10	00	—	02	5	0	0	—	13.4	+0.7	18.5	31	-4	10	-5	33	0	2	13	171
DUEIM											00	—	—	3	0	0	—	12.8	+0.2	18.0	30	-4	15	+1	41	0	14	12	173
RENK	00	7	28	3	0	0	—	7.2	31	32																			182
ROSEIRES	01	—	04	1	0	—	—	5	34	25	00	—	32	1	0	0	—	9.9	-1.2	20.3	35	-2	15	-2	43	0	27	37	172
EL OBEID	00	8	32	3	0	0	—	9.9	26	55	00	8	32	3	0	0	—	15.9	+1.1	13.7	27	-5	11	0	57	0	8	19	174
EL FASHER	01	—	06	2	0	—	—	—	28	10	00	—	06	2	0	0	—	—	—	14.1	29	-3	10	0	37	0	0	8	175
GENEINA	02	8	08	3	0	4	Ac	—	27	11	02	7	06	3	0	5	Cs,Ac	—	—	13.8	30	—	12	—	18	0	dr	—	179
KADUGLI																													187
MALAKAL	00	8	02	5	0	0	—	5.9	32	9	01	8	02	4	0	3	Ci	11.2	+0.5	20.3	33	-4	18	0	18	0	83	93	176
WAU	01	—	32	2	0	—	—	6	33	—	01	—	32	2	0	4	—	10.1	+0.2	20.5	35	-1	18	-1	31	0	103	150	177
JUBA	00	8	32	3	0	0	—	4.5	34	22	01	8	18	1	0	3	Ac	10.1	+0.1	24.7	35	-3	19	-2	47	0	231	145	178

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

[illegible]	[illegible]	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 12th
7 h.	7 h.	8 h.	8 h. 30 m.	8 h. 30 m.	7 h.	7 h.	5 h.	5 h.	7 h.	6 h.	7 h.	7 h.	6 h.	13 h.
02.30.20	02.35.30	02.34.30	02.30.50	02.14.05	05.30.30	02.36.10	03.02.15	06.01.20	06.36.40	06.01.15	07.01.35	06.03.55	06.33.10	02.35.35
05.34.25	05.35.30	05.34.40	05.33.25	05.30.25	10.31.40	05.35.35	06.03.40	10.35.30	10.36.40	10.04.20	10.03.45	10.03.75	10.36.05	05.32.30
10.01.20	10.34.45	10.34.40	10.34.30	08.32.30	15.31.35	10.34.30	10.01.35	15.34.60	15.02.20	15.12.15	15.05.20	15.05.45	15.00.00	10.32.70
15.01.40		15.34.40	15.33.30	10.32.35		15.35.30	15.36.30	20.31.35	20.33.15	20.22.05	20.32.15	20.05.30		12.14.15
20.35.15			ent. Cu	15.32.40			20.35.25	21.29.35	30.27.45		30.29.10	30.03.10		14.13.30
							30.30.40		33.26.40			40.11.20		15.32.15
							36.28.60					42.11.25		20.32.65

Forecast for 24 hours from noon on 13th

Northwesterly winds, on the coast fresh, strong at times but moderating; inland moderate.
Much low cloud.
Scattered showers, but conditions improving.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٣
رياح شمالية غربية تكون نسيمة وتشتد احيانا ثم تعتدل على السواحل أما في الداخل فتكون معتدلة .
يكثر السحاب المنخفض
يتساقط مطر في جهات متفرقة ولكن الطقس سيتحسن
تستمر درجة الحرارة مائلة الى البرودة.

STATION	Mean of day: Humidity % on 12th	Diff. from normal	Wet bulb temp °C on 12th	Diff. from normal
Alexandria	62	-2	10.3	-0.8
Ezbekiya	62	-1	10.1	-0.5
Giza	61	-5	9.7	-0.6
Helwan	56	+4	9.1	-0.3

Giza Grass minimum on 13th 5.4 °C

Discharges at Aswan measured by sluices m³ per sec.

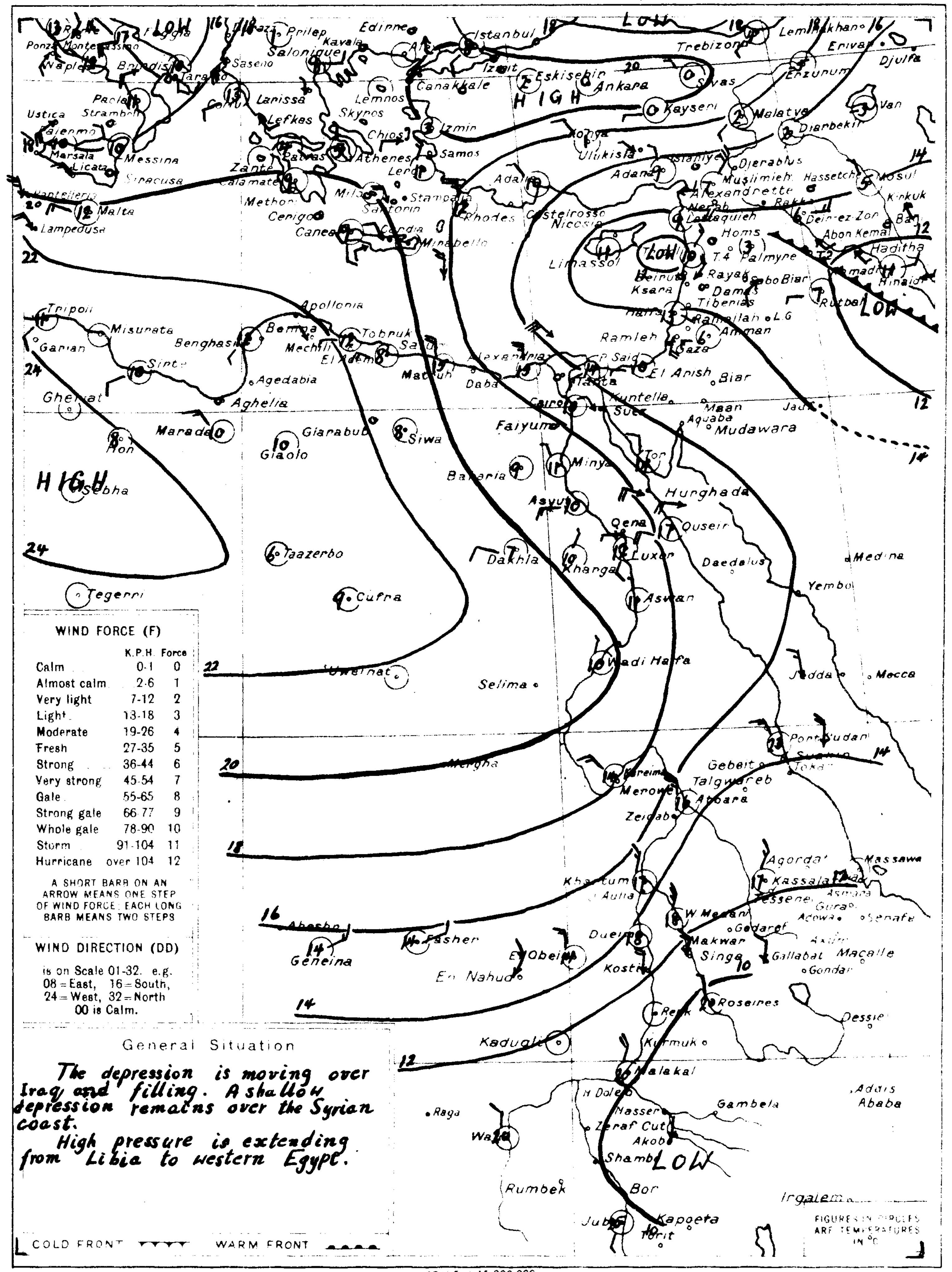
DATE	1939	1938
13.2	1273	892
12.2	1273	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	12.2	13.38	+0.06	13.38	+0.06
Nasser	11.2	6.00	+0.66	6.01	+0.65
Malakal	13.2	11.20	+0.65	11.26	+0.69
Roseires	13.2	12.38	+0.67	12.39	+0.68
Sennar Res	12.2	20.53	—	20.56	—
J. Aulia U.S	12.2	374.95	—	374.93	—
J. Aulia D.S	12.2	372.17	+0.77	372.17	+0.76
Khartum	12.2	11.11	+0.66	11.10	+0.64
Kh. el Girba					
Atbara	12.2	10.80	+0.48	10.80	+0.47
Kajnarti	12.2	133.69	+0.64	133.69	+0.61
Aswan Res.	13.2	120.99	—	121.00	—
Aswan D.S	13.2	86.45	+0.25	86.45	+0.22
Roda (Cairo)	13.2	15.84	+0.27	15.77	+0.21

Printed by the Survey & Mines Dept. 1938 (38/554)

1417 F.C.

٣٩-٢-١٣ Isobars, Wind and Temperature at 8 h. 13-2-39



General Situation

The depression is moving over Iraq and filling. A shallow depression remains over the Syrian coast.
High pressure is extending from Libia to western Egypt.

At 8 h. on 13th ١٣ الساعة ٨ يوم

STATION محطة	Present Weather ww	Visibility V	Wind DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday MM	Diff. from norm	Minimum Today mm	Diff. from norm	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	00	0	0	0	—	13.4	+2.6	11	—	—	—	—	—	1	435	340
Haifa	01	—	10	1	—	4	—	13.5	-1.6	13.4	19	+1	9	+1	82	31	444	553

SHIPS سفن: 23321 30706 28601 15961 67782 56100

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

PRESENT WEATHER (ww)
- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 13
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 29
- Heavy Thunderstorm
- Duststorm
- Fog or Thick Haze 40-49
- Fog in patches
- Drizzle 50-
- Rain 60-63
- Rain and Fog
- Rain and Snow
- Snow
- Showers 80-8
- of Snow
- of Sleet
- of Hail
- Thunderstorm 90-99
- ended, now hail
- with Hail
- with Duststorm 98
- heavy, with Hail 99

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

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

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

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

CAIRO
Time of Sunrise 06 h 35 m
Time of Sunset 17 h 42 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY, 1939 — شهر فبراير ١٩٣٩

At 14 h. on 13th — الساعة ١٤ يوم ١٣ | At 8 h. on TUESDAY 14th — الساعة ٨ يوم الثلاثاء ١٤

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	01	9	00	0	1	3	Cu	21.0	16.4	66	00	7	14	4	0	0	—	21.1	+3.2	11.8	17	—	7	—	67	0	73	—	130
MATRUH	10	7	26	3	1	4	Sc	17.9	16.8	57	00	6	16	2	0	0	—	19.8	+2.0	10.2	17	-1	7	-2	84	0	85	129	131
DIKHEILA	02	8	32	3	1	4	Cu	18.4	16.2	59	02	7	14	1	1	4	Sc	22.2	—	12.5	16	—	9	—	73	0	68	—	150
ALEXANDRIA	01	9	32	3	2	3	Cu	17.9	18.8	47	02	8	00	0	2	4	Ac	21.4	+3.5	12.0	19	0	11	0	79	0	144	158	132
DAMIETTA											04	6	18	2	0	0	—	21.1	—	12.8	17	—	8	—	76	0	48	82	159
PORT SAID	00	7	28	4	1	0	—	16.4	18.6	64	00	7	20	3	0	0	—	21.0	+4.7	12.5	20	+1	9	-2	91	0	34	57	134
EL ARISH											00	7	20	1	1	0	—	21.6	—	11.1	18	—	7	—	84	12	111	61	135
DAMANHUR											00	6	16	1	0	0	—	22.2	+5.5	9.8	17	-3	6	-1	87	0	17	75	136
MANSURA											00	8	02	1	0	0	—	21.6	—	9.9	19	-1	5	-2	82	0	24	35	137
TANTA	00	8	24	2	0	0	—	14.0	19.0	54	00	8	00	0	0	0	—	22.3	+5.1	8.0	20	0	3	-4	96	0	20	27	138
ZAGAZIG	02	8	28	1	1	4	Cc	17.6	18.3	54	00	7	18	1	4	0	—	22.3	—	12.4	19	-2	4	-2	77	0	12	19	139
ALMAZA	02	8	24	3	1	5	Cb	17.6	18.0	49	05	7	10	2	0	1	As	21.8	—	12.8	19	—	7	—	64	0	3	—	141
EZBEKIYA	02	8	28	2	2	5	Cu	17.5	20.4	40	08	5	00	0	4	2	Ac	21.4	+3.0	9.6	21	0	7	-1	88	0	5	17	—
GIZA	02	8	30	3	1	4	Cu	17.4	19.9	37	01	6	00	0	1	3	As	21.4	+2.5	10.9	20	0	4	-2	76	0	3	17	—
HELWAN	02	8	26	3	1	5	Cu	18.0	17.0	39	05	6	00	0	0	3	Ac	21.9	+3.6	11.0	18	-2	8	-1	67	0	9	18	143
SUEZ	02	9	28	2	1	4	Cu	17.1	20.0	40	00	8	02	1	0	0	—	22.2	+4.2	10.9	21	0	7	-3	79	0	14	12	144
FAYUM	02	7	30	3	1	5	Cu	18.2	18.0	44	00	6	30	1	0	0	—	21.9	+3.4	11.4	20	-2	8	+1	64	0	dr	6	153
MINYA	02	7	32	3	1	4	Cu	18.4	18.0	55	04	3	00	0	4	0	—	22.0	+3.7	8.8	19	-3	6	-1	83	0	4	—	154
ASYUT	02	8	22	3	1	5	Cu	18.7	19.3	41	00	6	12	3	0	0	—	22.0	+2.8	11.0	21	-1	6	-1	67	0	2	3	155
QENA	00	8	24	4	0	0	—	17.2	22.0	39	00	8	32	1	0	0	—	21.2	+4.0	11.2	24	-1	7	-1	61	0	dr	—	156
LUXOR	00	7	30	5	0	0	—	17.8	20.5	42	00	7	08	2	0	0	—	20.4	—	11.9	22	—	5	—	67	0	dr	—	157
ASWAN	01	7	02	3	1	3	Cu	16.8	20.7	23	00	7	32	1	0	0	—	19.9	+1.9	10.6	21	-5	8	-3	56	0	1	—	158
SIWA	00	7	00	0	0	0	—	—	20.0	55	00	7	00	0	0	0	—	—	—	8.4	21	-1	2	-3	78	0	dr	6	148
BAHARIYA	02	9	00	0	1	4	—	18.8	19.0	36	00	9	00	0	0	0	—	21.5	—	11.0	20	—	3	—	58	0	0	—	149
KHARGA	00	8	04	2	0	0	—	17.1	19.5	34	00	8	32	1	0	0	—	21.1	+2.8	10.2	20	-4	5	-1	60	0	dr	tr	151
DAKHLA	05	7	02	3	1	2	Ci	19.0	19.0	36	05	4	00	0	0	0	—	21.9	+3.0	6.8	20	-4	4	-2	60	0	dr	—	152
TOR	00	6	28	6	0	0	—	16.0	18.5	62	01	6	32	2	0	1	Cu	20.3	+3.2	11.5	19	-3	7	-3	56	0	19	11	145
HURGHADA											01	9	28	3	1	3	Cu	20.3	+3.8	16.5	20	-2	7	-3	53	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	16.4	19.4	58	01	7	26	1	0	2	Cs	19.5	+3.3	17.3	21	-2	13	-1	58	0	tr	6	147
PORT SUDAN	02	—	04	5	0	—	—	13	26	45	00	—	30	3	0	0	—	16.7	+1.9	21.7	26	-1	16	-3	46	0	71	102	169
WADI HALFA	01	8	02	4	0	3	—	18.0	21	20	01	8	04	2	0	1	Ac	20.1	+2.1	10.4	22	-4	8	-1	62	—	—	—	165
KAREIMA	01	8	28	4	0	3	—	14.9	24	20	00	8	02	3	0	0	—	17.6	+2.0	14.8	26	-5	10	-3	39	0	0	1	166
ATBARA	01	—	30	3	0	—	—	12	28	25	00	—	02	4	0	0	—	15.6	+1.7	16.4	28	-4	12	-2	27	0	6	1	167
KHARTUM	03	8	02	5	0	7	—	10.0	29	19	02	8	02	3	1	5	Cs	14.7	+1.5	15.8	29	-4	13	-3	32	0	dr	5	168
KASSALA	00	8	32	3	0	0	—	6.0	31	32	00	8	02	3	0	0	—	11.4	-0.3	18.7	32	-3	15	-2	63	0	dr	11	170
WAD MEDANI	01	—	02	4	0	—	—	8	30	25	00	—	02	4	0	0	—	12.8	+0.2	18.2	31	-4	11	-4	32	0	2	13	171
DUEIM	01	—	—	3	0	—	—	10	29	25	00	—	—	3	0	0	—	13.5	+1.0	17.2	30	-5	14	-1	36	0	14	12	173
RENK	00	7	28	3	0	0	—	7.5	31	27										—	—		—						182
ROSEIRES	01	—	26	1	0	—	—	4	34	10	01	—	32	1	0	4	—	09.0	-2.0	20.0	35	-2	16	-1	34	0	27	37	172
EL OBEID	02	8	04	3	0	4	—	9.4	27	49	01	8	02	1	0	5	Ci	14.8	0.0	14.3	28	-4	11	0	56	0	8	19	174
EL FASHER	01	—	04	3	0	—	—	—	29	10	00	—	06	2	0	0	—	—	—	13.8	30	-2	7	-3	33	0	0	8	175
GENEINA	02	8	04	4	1	5	Ac	—	28	7	02	8	04	3	1	6	Ac, Cs	—	—	14.2	33	—	13	—	18	0	dr	—	179
KADUGLI	00	7	04	4	0	2	—	6.7	32	28																			187
MALAKAL	01	8	02	4	1	3	Ac	5.6	33	15	02	8	02	5	2	5	Ac	10.4	-0.3	23.2	34	-3	20	+1	14	0	83	93	176
WAU											03	—	32	1	1	7	—	09.1	-0.8	23.0	33	-3	20	+1	29	0	103	150	177
JUBA	02	8	04	2	0	4	Ac	4.4	35	32	02	8	00	0	1	5	Cu, Sc	9.2	-0.8	24.8	37	-1	21	0	47	0	231	145	178

UPPER WINDS

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

SALUM 5h	MATRUH 7h	DIKHEILA 8h	CAIRO 8h 30m	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 7h	KHARTUM 6h	KASSALA 6h	EL OBEID 6h	MALAKAL 7h	JUBA 6h	Salum 13th 13h
02.00.00	02.16.20	02.14.20	02.10.10	02.09.10	05.05.15	02.02.10	03.04.25	06.03.25	06.02.45	06.06.10	07.03.35	06.03.55	06.17.10	05.30.15
05.22.—	05.14.25	05.14.15	05.09.10	05.11.15	10.01.15	05.07.25	06.05.40	10.02.35	10.03.40	10.04.20	10.06.40	10.04.70	10.13.05	10.29.15
10.31.05	09.25.10	10.11.05	10.11.10	08.10.10	15.36.15	10.07.35	10.03.35	15.03.35	15.03.20	15.07.10	15.05.30	15.06.35	15.00.00	15.29.15
15.30.05		15.07.05	15.18.05	10.09.05	20.33.20	15.08.10	15.02.25	20.03.30	20.03.20	20.02.10	20.06.25	20.06.20		20.35.10
20.04.15		20.35.05	20.22.05	15.12.10		20.03.20	20.35.10		30.33.20	30.34.20	30.02.10	30.04.40		25.01.25
25.23.20		25.35.05	25.20.10	20.24.05			30.30.50		40.23.10	40.30.15		40.09.35		30.35.30
30.23.15		30.35.10	30.35.15	23.36.05			40.29.70		50.28.20					35.36.25
		35.32.10	35.30.05	25.02.10			50.28.60							
		40.32.05	40.32.10	29.02.15			60.28.75							
		50.27.25					70.27.125							

Forecast for 24 hours from noon on 14th

On the coast moderate southerly winds; inland light variable winds, chiefly easterly.
Occasional medium cloud.
Mild by day.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٤
على الساحل رياح جنوبية معتدلة — وفى الداخل
رياح خفيفة مختلفة الاتجاه ولكن اكثرها شرقية .
يظهر بعض السحاب المتوسط الارتفاع .
ودرجة الحرارة معتدلة اثناء النهار .

STATION	Mean of day: Humidity % on 13th	Diff. from normal	Wet Bulb Temp °C on 13th	Diff. from normal
Alexandria	49	-15	11.3	+0.2
Ezbekiya	68	+5	11.4	+0.8
Giza	70	+5	10.9	+0.6
Helwan	65	+13	9.7	+0.3

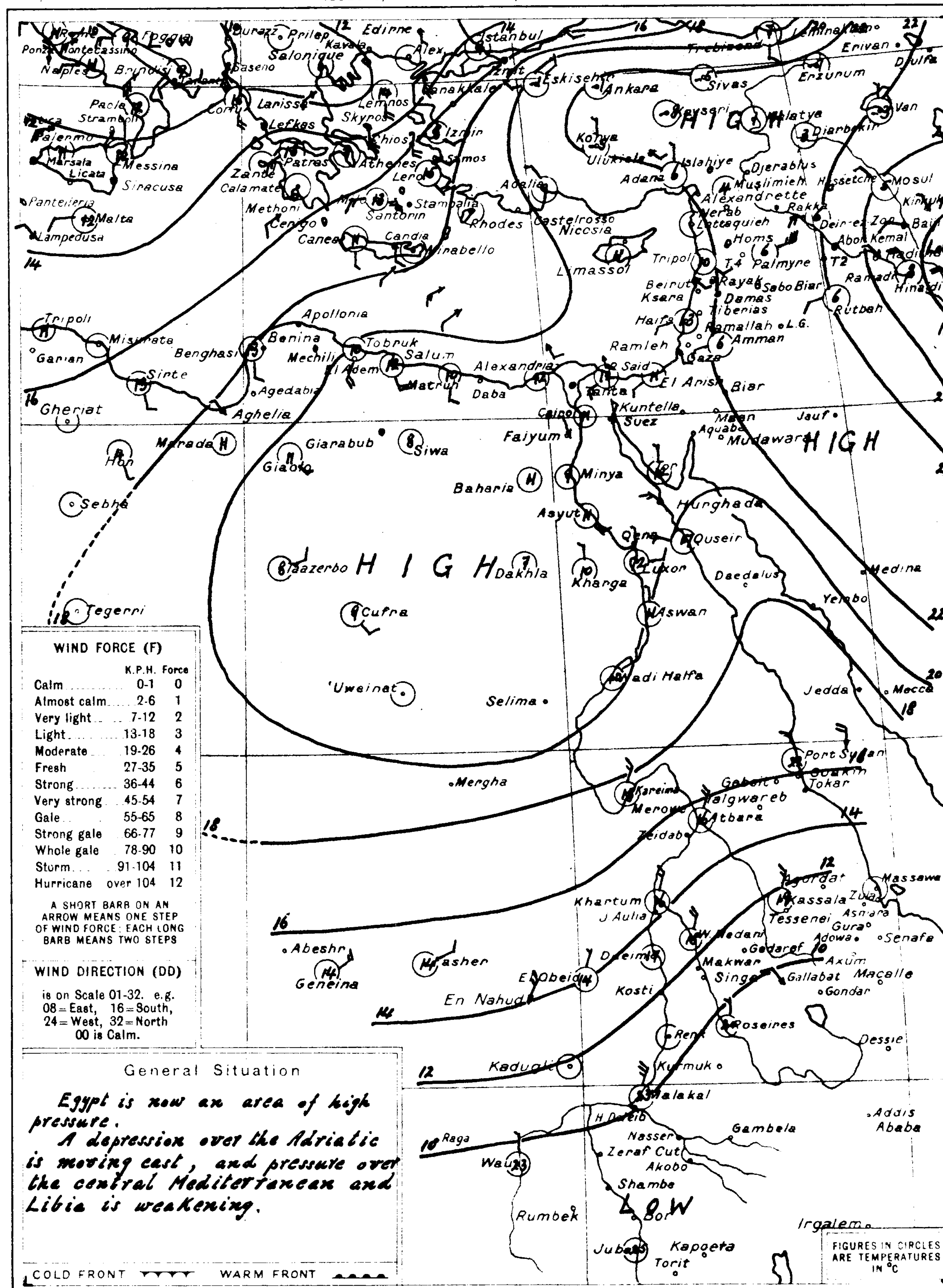
Giza Grass minimum on 14th 0.6 °C

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

DATE	1939	1938
14.2	1273	891
13.2	1273	892

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	13.2	13.38	+0.06	13.38	+0.06
Nasser	13.2	5.90	+0.58	5.96	+0.63
Malakal	14.2	11.15	+0.62	11.20	+0.65
Roseires	14.2	12.35	+0.66	12.38	+0.67
Sennar Res.	13.2	20.51	—	20.53	—
J. Aulia U.S	13.2	374.92	—	374.95	—
J. Aulia D.S	13.2	372.14	+0.76	372.17	+0.77
Khartum	14.2	11.07	+0.64	11.09	+0.65
Kh. el Girba					
Atbara	14.2	10.80	+0.49	10.80	+0.48
Kajnarti	13.2	133.71	+0.69	133.69	+0.64
Aswan Res.	14.2	120.98	—	120.99	—
Aswan D.S.	14.2	86.45	+0.28	86.45	+0.25
Roda (Cairo)	14.2	15.93	+0.34	15.84	+0.27

Isobars, Wind and Temperature at 8 h. 14-2-39 ١٤-٢-٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

Egypt is now an area of high pressure.
A depression over the Adriatic is moving east, and pressure over the central Mediterranean and Libia is weakening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 14th — الساعة ٨ يوم ١٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limasol	01	7	00	0	0	1	—	20.6	+4.7	11	—	—	—	—	—	0	435	342
Haifa	00	—	22	1	—	0	—	20.6	+5.5	12.7	17	-1	7	-1	69	0	444	556
Gaza	02	7	14	2	6	6	As	21.4	+5.5	11	—	—	10	+2	85	Rain	—	302
Gaza 13th	22	5	14	3	6	6	Cu, Sc	15.2	-0.8	11	—	—	9	+1	100	Rain	—	300
Gaza 12th	02	6	10	3	1	6	[illegible]	10.8	-5.2	11	—	—	7	-1	65	—	—	297

SHIPS سفن						
33337	26606	20401	20960	31003	50003	36204
33339	26306	20200	20966	60683	17000	
33346	25106	20201	22960	91251	65406	
33322	30166	14202	21759	69X65	36110	

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY, 1939 — ١٩٣٩ شهر فبراير

At 14 h on 14th — الساعة ١٤ يوم ١٤ | At 8 h. on WEDNESDAY 15th — الساعة ٨ يوم الأربعاء ١٥

STATION	14h Present weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. press. M.S.L. 1000+ mbs. (PPP)	14h Temp. °C (TTT)	14h % Humidity (UU)	8h Present weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	8h M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Max Diff. from norm. °C	Minimum Today °C (mm)	Min Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
SALUM	01	8	12	3	0	3	Cu	19.9	19.1	40	01	7	00	0	0	3	Cu	20.4	+2.6	11.4	20	—	11	—	63	0	73	—	130
MATRUH	01	7	04	2	0	3	Cc	—	17.0	67	01	6	16	3	0	1	Cs	—	—	12.3	20	+2	9	0	82	0	85	130	131
DIKHEILA	01	8	12	1	1	3	Sc	21.0	19.4	42	02	8	12	2	1	4	Ac	20.0	—	12.3	20	—	10	—	79	0	68	—	150
ALEXANDRIA	01	9	12	1	2	3	Cu	20.0	19.8	43	02	8	16	1	2	5	Ac	19.1	+1.2	12.5	21	+2	11	0	83	0	144	158	132
DAMIETTA											04	5	24	1	2	5	Ac	19.0	—	13.9	19	—	9	—	96	0	48	82	159
PORT SAID	00	8	04	2	0	0	—	20.7	17.3	77	01	5	04	2	0	3	Cc	18.7	+2.5	14.2	21	+2	11	0	96	0	34	57	134
EL ARISH	00	7	08	1	0	0	—	20.8	19.6	58	00	7	12	1	0	0	—	18.8	—	10.1	20	—	6	—	83	0	99	62	135
DAMANHUR											02	5	02	1	2	4	Ac	18.8	+2.1	8.4	19	-1	6	-1	97	0	17	76	136
MANSURA											01	7	02	1	1	4	Ac	18.7	—	12.3	21	+1	9	+2	91	0	24	36	137
TANTA	00	8	20	3	0	0	—	18.8	21.1	51	02	8	00	0	1	4	Cu	19.2	+2.0	8.0	22	+2	3	-4	94	0	20	27	138
	01	8	12	2	1	3	Cc	20.0	21.8	43	01	6	30	1	4	3	Cc	19.1	—	10.4	22	+1	6	0	92	0	12	19	139
ALMAZA	00	8	24	2	1	0	—	19.5	20.1	41	05	6	00	0	1	2	Sc	18.6	—	11.2	22	—	6	—	67	0	3	—	141
EZBEKIYA	00	8	20	1	1	0	—	19.4	21.0	38	08	5	28	1	4	1	Ac	18.6	+0.3	9.8	22	+1	7	-1	84	0	5	17	
GIZA	01	9	00	0	1	1	Cu	19.2	21.8	38	05	4	26	1	4	2	Ac	18.6	-0.2	7.4	23	+2	5	-1	85	0	3	17	
HELWAN	00	8	20	1	0	0	—	19.9	19.4	37	05	5	00	0	0	2	Cu	18.6	+0.4	8.9	20	0	7	-2	68	0	9	18	143
	00	9	00	0	0	0	—	19.2	22.3	44	00	8	04	1	0	0	—	18.2	+0.3	12.1	23	+2	7	-3	79	0	14	12	144
	00	8	18	1	0	0	—	20.0	21.9	37	08	4	00	0	4	0	—	19.4	+1.0	11.1	23	+1	5	-2	70	0	dr.	6	153
	00	6	02	2	0	0	—	19.1	19.5	44	01	4	32	1	1	3	Ac	18.8	+0.5	8.7	20	-2	6	-1	77	0	4	—	154
	00	8	12	3	0	0	—	19.0	22.2	35	02	6	26	3	1	5	As	19.1	0.0	9.5	25	+3	8	+1	67	0	2	3	155
	00	8	14	1	0	0	—	18.3	23.2	43	03	7	32	3	1	7	Cu	17.5	+0.4	13.7	24	-1	9	+1	70	0	dr.	—	156
	00	7	30	3	0	0	—	—	23.1	45	03	6	08	2	2	6	Cu	17.5	—	12.8	24	—	9	—	80	0	dr.	—	157
	00	7	02	2	0	0	—	14.3	25.0	21	01	7	32	2	1	3	Cu	16.0	-1.9	14.0	27	+1	10	-1	57	0	1	—	158
	00	7	22	1	0	0	—	—	21.0	49	00	7	00	0	0	0	—	—	—	9.2	21	-1	2	-3	74	0	dr.	6	148
	00	9	00	0	0	0	—	19.0	21.2	33	00	9	00	0	0	0	—	19.8	—	9.0	21	—	3	—	54	0	0	—	149
	00	8	04	2	0	0	—	17.2	19.4	32	02	7	04	2	2	5	Ac	17.9	-0.4	13.8	21	-3	10	+4	49	0	dr.	tr.	151
	00	7	00	0	0	0	—	18.4	21.0	35	02	6	00	0	2	5	Cc	18.8	0.0	10.0	23	-1	6	0	43	0	dr.	—	152
	00	6	28	2	0	0	—	18.4	21.0	49	00	6	32	2	0	0	—	17.6	+0.6	11.5	21	-1	8	-2	59	0	19	11	145
											02	8	26	3	2	5	Cu	17.4	+1.0	17.2	21	-1	9	-1	56	0	1	—	146
	01	7	32	3	1	4	Ac	18.8	21.0	69	01	7	26	1	1	4	Ac	17.4	+1.3	18.4	23	0	14	0	75	0	tr.	6	147
	01	—	04	3	0	4	—	14	25	45	00	—	28	2	0	0	—	14.2	-0.5	22.5	26	-1	15	-4	50	0	71	102	169
	01	8	04	2	1	3	Cu	16.8	22	22	01	8	32	1	1	4	Ac	17.6	-0.3	12.2	23	-4	9	0	43	—	—	—	165
	00	8	02	4	0	1	—	12.8	27	25	00	8	30	3	0	0	—	14.7	-0.9	16.6	29	-2	11	-2	34	0	0	1	166
	01	—	32	4	0	4	—	10	30	10	00	—	32	2	0	0	—	14.0	+0.2	17.3	30	-2	12	-2	41	0	6	1	167
	00	8	04	2	0	1	Cu, Sc	7.8	30	21	01	8	02	2	0	3	Ci	12.0	-1.2	18.3	33	-1	15	-1	28	0	dr.	5	168
	01	8	02	4	0	3	—	5.6	32	28	00	8	06	2	0	0	—	9.4	-2.2	20.2	33	-2	14	-4	55	0	dr.	11	170
	01	—	02	4	0	4	—	7	34	25	00	—	04	4	0	0	—	11.1	-1.5	20.1	35	0	13	-3	42	0	2	13	171
	01	—	—	3	0	4	—	8	32	10	00	—	—	3	0	0	—	11.6	-0.9	19.6	33	-2	16	+1	39	0	14	12	173
	00	7	28	2	0	0	—	5.8	33	40																			182
	01	—	24	1	0	4	—	5	35	10	00	—	26	1	0	0	—	6.8	-4.2	21.9	36	-1	16	-1	37	0	27	37	172
	00	8	04	2	0	1	—	4.8	31	25	01	8	04	1	0	3	Ci	12.8	-2.0	16.5	30	-2	11	0	52	0	8	19	174
	00	—	02	1	0	0	—	—	32	10	00	—	02	2	0	0	—	—	—	16.2	33	+1	11	+1	20	0	0	8	175
	02	8	02	3	1	5	Ac	—	30	7	02	8	02	3	0	5	Ci, Ac	—	—	14.0	35	—	11	—	28	0	dr.	—	179
	00	7	04	4	1	3	—	6.2	33	30	00	7	30	4	0	0	—	—	—	20	35	—	16	—	33	0	—	—	157
	02	8	04	3	2	6	Ac	5.0	34	11	01	8	02	4	0	3	Cs	8.8	-1.8	24.0	35	-2	19	0	17	0	83	93	176
	01	—	08	1	0	4	—	5	34	10	01	—	28	1	0	4	—	9	-1	22	—	—	—	—	35	0	103	150	177
	01	8	02	3	1	4	Cu, Ac	4.0	35	24	00	8	00	0	0	0	—	8.6	-1.4	26.2	36	-2	20	-1	42	0	231	145	178

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

MA…	…	…	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 14th
7	7	9	8 h 30 m	8 h 30 m	7 h	7 h	6 h	4 h	6 h	7 h	6 h	6 h	6 h	13
02.00.00	02.16.20	02.14.15	02.17.05	02.15.05	05.25.10	02.01.15	03.36.05	06.03.30	06.03.50	06.09.15	07.03.35	06.03.55	06.00.00	02.16.20
05.24.—	05.19.10	04.14.05	05.08.05	05.20.10	10.24.15	05.08.20	06.03.10	10.01.40	10.03.30	10.07.10	10.06.40	10.05.60	10.16.05	05.27.15
10.22.10	10.32.10	05.02.05	10.00.00	08.30.05	15.24.25	10.05.20	10.04.10	15.35.40	15.05.45	15.09.20	15.07.50	15.06.45	13.13.05	10.19.20
15.28.05	15.36.05	09.35.10	15.24.10	10.05.05	20.25.35	15.27.10	15.03.25	20.32.35	20.07.15	20.03.20	20.07.35	20.09.25	15.00.00	15.12.15
20.28.15	18.36.10		20.26.20	15.22.10		20.28.10	20.02.35	21.32.35	30.01.10		30.08.20	30.09.15		20.15.15
			25.25.25	20.24.30		25.24.20	24.01.45		40.30.10			40.12.25		25.21.20
			30.24.40	23.26.25		30.25.30			50.30.15					30.19.35
			35.24.55	25.27.35					60.32.15					35.19.35
				30.24.25					70.31.30					
				35.24.50					80.28.35					

Forecast for 24 hours from noon on 15th

On the coast moderate winds between south and west.
Inland light variable winds.
Occasional medium cloud.
Possibly light rain on the coast in the west. Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٥
على الساحل رياح معتدلة بين جنوبية وغربية
وفى الداخل رياح مختلفة الاتجاه
وظهر بعض السحاب المتوسط الارتفاع احيانا
وقد تمطر خفيفا على الساحل فى الغرب
وليس هناك تغيير يذكر فى درجة الحرارة

STATION	Mean of day Humidity % on 14th	Diff. from normal	Wet bulb temp. °C on 14th	Diff. from normal
Alexandria	68	+4	11.5	+0.4
Ezbekiya	69	+6	11.2	+0.5
Giza	60	-5	11.4	+1.1
Helwan	52	0	10.1	+0.7

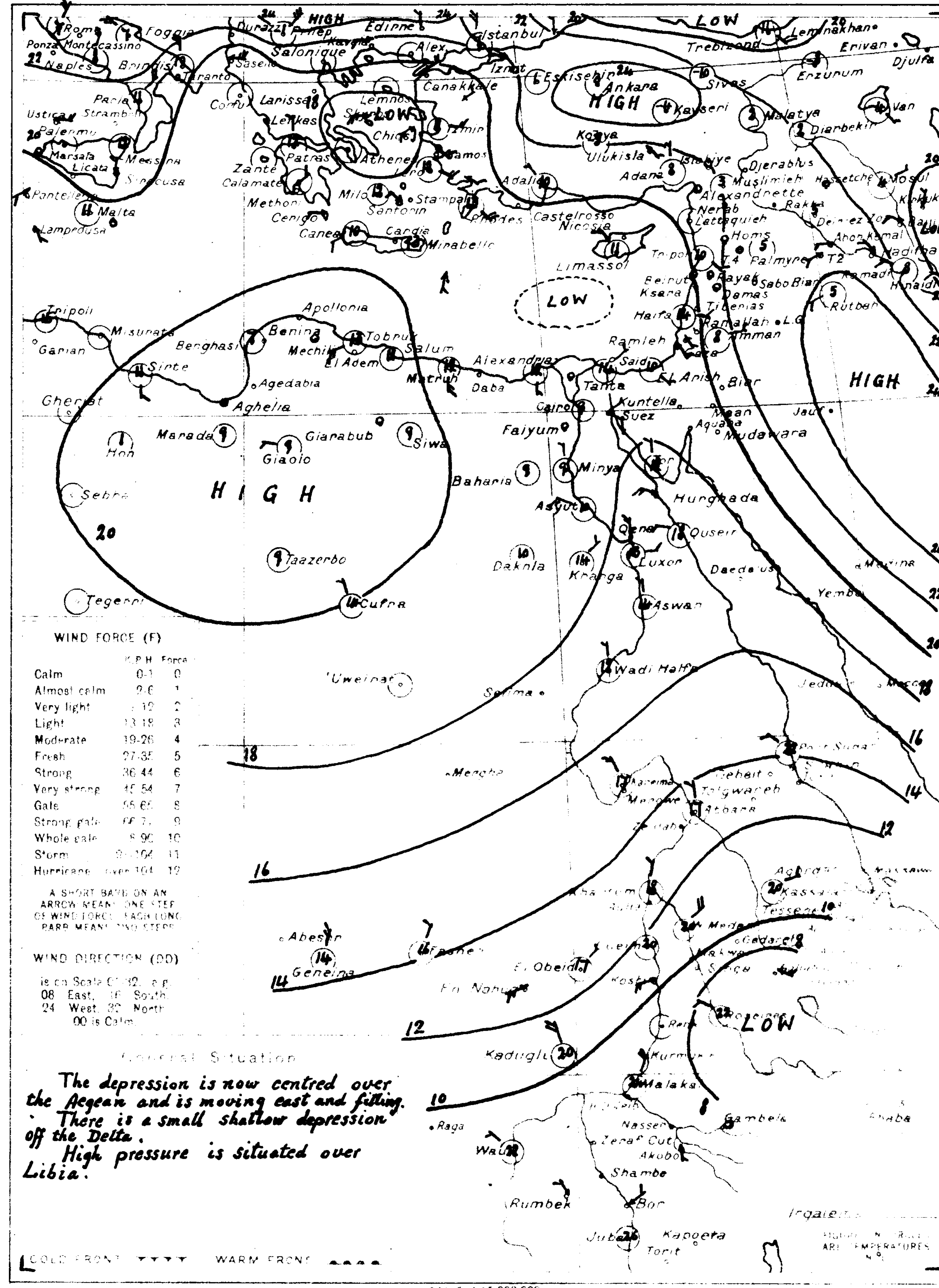
Giza Grass minimum on 15th: 1.1 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
15.2	1273	891
14.2	1273	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	15.2	13.37	+0.06	13.37	+0.06
Nasser	14.2	5.84	+0.54	5.90	+0.58
Malakal	15.2	11.10	+0.59	11.15	+0.62
Roseires	15.2	12.32	+0.65	12.35	+0.66
Sennar Res	14.2	20.49	—	20.51	—
J. Aulia U.S	14.2	374.92	—	374.92	—
J. Aulia D.S	14.2	372.12	+0.76	372.14	+0.76
Khartum	14.2	11.07	+0.64	11.09	+0.65
Kh. el Girba					
Atbara	14.2	10.80	+0.49	10.80	+0.48
Kajnarti	14.2	133.72	+0.73	133.71	+0.69
Aswan Res.	15.2	120.97	—	120.98	—
Aswan D.S.	15.2	86.45	+0.32	86.45	+0.28
Roda (Cairo)	15.2	15.91	+0.31	15.93	+0.34

Isobars, Wind and Temperature at 8 h. 15-2-1939. ١٥-٢-١٩٣٩



General Situation

The depression is now centred over the Aegean and is moving east and filling.
There is a small shallow depression off the Delta.
High pressure is situated over Libia.

SCALE 1:15,000,000

At 8 h on 15th — ١٥

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C	Maximum Yesterday	Max Diff. from norm.	Minimum Today	Min Diff. from norm.	% Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	02	6	28	2	2	7	—	19.4	+3.5	11	—	—	—	—	—	0	435	345
Haifa	00	—	08	2	—	0	—	19.6	+4.6	14.0	18	-1	10	+2	56	0	444	559
Gaza	00	9	12	2	4	0	—	19.0	+3.1	10	—	—	7	-1	85	—	—	305

Remarks

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Thick	42
Fog in patches	45
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-84
Thunderstorm	90-99

CLOUD FORM (C)

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

Survey of Egypt … 1938 … 554

ANNUAL SUBSCRIPTION … INLAND POST P.T. 100 … ABROAD …

CAIRO
Time of Sunrise 06 34
Sunset 17 44

Month FEBRUARY 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 15th (الساعة ١٤ يوم ١٥) ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h. on THURSDAY 16th (الساعة ٨ يوم الخميس ١٦) ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm °C	mm Min. Today °C	Diff. from norm °C	UU Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALLUM	02	8	26	3	1	5	Cu	19.8	19.8	29	01	7	26	3	0	2	Cu	22.8	+5.0	10.0	20	—	9	—	94	0	73	—	130
MATRUH	02	7	30	3	1	4	Cu	17.8	18.6	65	02	6	22	2	1	4	Sc	—	—	12.3	19	+1	10	+1	94	0	85	131	131
[illegible]	02	8	26	2	1	4	Sc	18.3	17.2	74	02	8	28	3	1	4	Cb	19.1	—	16.0	20	—	12	—	76	dr	68	—	150
ALEXANDRIA	01	9	24	3	2	3	Cu	17.5	18.2	62	02	9	32	1	2	4	Ac	18.6	+0.8	15.6	20	0	12	+1	68	0	144	159	132
DAMIETTA											02	7	20	1	2	5	Ac	17.5	—	12.5	19	—	10	—	87	0	48	83	159
PORT SAID	01	8	04	2	0	3	Cc	16.2	21.0	60	02	7	28	3	1	4	Sc	17.4	+1.3	15.6	22	+3	14	+3	83	0	34	57	134
EL ARISH	02	7	32	2	1	5	Cu	15.8	16.4	73	03	7	20	1	5	6	Cu	16.8	—	11.8	19	—	9	—	100	Rain	99	63	135
DAMANHUR											00	6	20	1	0	0	—	18.8	+2.2	9.6	18	-2	7	0	89	0	17	76	136
MANSURA											00	8	02	1	0	0	—	17.9	—	12.0	21	+1	9	+2	83	0	24	36	137
TANTA	02	7	28	2	1	4	Cu	16.8	20.3	52	00	8	00	0	0	0	—	18.8	+1.6	10.0	22	+2	6	-1	88	0	20	28	138
ZAGAZIG	02	7	30	2	1	4	Cc	15.6	21.4	46	00	7	26	2	0	0	—	18.7	—	12.4	21	0	6	0	82	0	12	19	139
[illegible] MA[illegible]	01	8	30	2	1	2	Sc	16.2	19.7	45	05	5	00	0	1	2	Sc	18.7	—	12.4	21	—	8	—	77	0	3	—	141
EZBEKIYA	01	9	24	2	1	3	Cu	16.0	21.2	36	00	5	26	1	0	0	—	18.8	+0.6	11.4	22	+1	9	+1	83	0	5	17	—
GIZA	01	8	30	2	1	3	Cu	15.9	20.7	41	05	5	00	0	0	1	Cu	18.7	-0.1	11.2	22	+1	6	0	83	0	3	18	—
HELWAN	01	8	26	3	0	1	Cu	15.6	19.1	32	09	5	00	0	0	0	—	19.2	+1.0	10.1	20	0	8	-1	86	0	9	18	143
[illegible]	00	9	10	1	0	0	—	14.8	22.6	41	01	7	32	2	1	1	Cu	17.8	-0.1	13.2	24	+3	11	+1	87	0	14	12	144
[illegible]	00	8	30	2	0	0	—	16.3	20.8	31	09	5	00	0	0	0	—	19.6	+1.2	11.9	22	0	6	-1	73	0	dr	6	153
MI[illegible]	00	7	28	3	0	0	—	16.3	21.0	34	00	5	30	1	0	0	—	19.6	+1.4	10.2	22	0	7	0	77	0	4	—	154
ASYUT	00	8	22	3	0	0	—	16.2	21.1	28	00	6	22	3	0	0	—	19.6	+0.5	10.2	22	-1	7	0	74	0	2	4	155
QENA	00	8	22	2	1	0	—	15.2	23.2	43	00	8	24	3	0	0	—	17.4	+0.4	13.2	26	+1	8	0	64	0	dr	—	156
LUXOR	00	7	06	3	0	0	—	14.3	26.5	43	00	7	14	3	0	0	—	17.0	—	14.9	26	—	7	—	63	0	dr	—	157
ASWAN	01	7	32	1	1	3	Cu	13.0	24.0	27	00	7	02	2	0	0	—	16.4	-1.4	13.8	25	-1	11	0	41	0	1	—	158
SIWA	00	7	00	0	0	0	—	—	23.8	57	00	7	00	0	0	0	—	—	—	10.2	25	+3	4	-1	72	0	dr	6	148
BAHARIYA	00	9	00	0	0	0	—	17.4	21.0	27	00	9	00	0	0	0	—	21.0	—	8.0	21	—	4	—	65	0	0	—	149
KHARGA	00	8	02	2	0	0	—	15.2	22.3	31	00	8	28	2	0	0	—	19.4	+1.2	13.9	24	-1	10	+3	58	0	dr	tr	151
DAKHLA	00	7	26	3	0	0	—	16.0	23.7	25	00	5	18	2	0	0	—	20.3	+1.6	11.0	25	+1	8	+2	52	0	dr	—	152
TOR	00	6	28	1	0	0	—	14.0	23.2	44	01	6	32	4	0	1	Cu	15.0	-2.0	16.5	24	+2	11	+1	52	0	19	11	145
HURGHADA											01	9	28	3	1	3	Cu	15.8	-0.5	17.3	22	0	12	+2	60	0	1	—	146
QUSEIR	02	7	02	2	1	4	Ac	15.4	21.2	80	00	7	32	3	0	0	—	15.8	-0.2	18.5	23	0	14	0	59	0	tr	6	147
PORT SUDAN	01	—	04	3	0	4	—	11	27	45	00	—	28	2	0	0	—	12.8	-1.9	23.0	27	0	17	-2	63	0	71	103	169
WADI HALFA	01	8	02	1	0	3	Ac	14.4	25	22	00	8	02	2	0	0	—	18.1	+0.3	12.9	27	0	10	+1	45	—	—	—	165
KAREIMA	00	8	28	4	0	0	—	10.0	31	17	00	8	30	5	0	0	—	15.7	+0.2	17.8	32	+1	11	-2	36	0	0	1	166
ATBARA	01	—	30	3	0	4	—	8	32	25	00	—	NW	5	0	0	—	12.8	-0.9	21.0	32	0	17	+2	26	0	6	1	167
KHARTUM	00	8	32	2	0	0	—	6.3	35	15	00	8	32	3	0	0	—	11.8	-1.4	20.8	35	+1	18	+2	27	0	dr	5	168
KASSALA	00	8	04	3	0	0	—	2.6	36	20	00	8	02	3	0	0	—	10.0	-1.5	17.4	37	+2	14	-4	61	0	dr	11	170
WAD MEDANI	01	—	02	4	0	4	—	5	35	25	00	—	32	4	0	0	—	10.7	-1.8	20.6	36	+1	12	-4	38	0	2	13	171
DUEIM	01	—	—	3	0	4	—	5	35	10	00	—	—	3	0	0	—	11.0	-1.4	22.2	35	0	17	+2	64	0	14	12	173
RENK	00	7	28	2	0	0	—	3.9	35	42																			182
ROSEIRES	01	—	30	1	0	4	—	4	37	10	00	—	30	1	0	0	—	7.5	-3.4	24.1	40	+3	18	+1	24	0	27	38	172
EL OBEID	02	8	32	2	0	4	—	6.0	32	49	00	8	32	2	0	0	—	12.3	-2.5	18.6	34	+2	15	+4	59	0	8	19	174
EL FASHER	01	—	06	2	0	4	—	—	36	10	00	—	06	2	0	0	—	—	—	17.1	37	+5	12	+1	25	0	0	8	175
GENEINA	02	8	00	0	0	4	Ac	—	35	8	01	8	04	2	0	3	Ac	—	—	16.4	39	—	13	—	24	0	dr	—	179
KADUGLI	00	7	04	4	0	0	—	4.8	36	17																			187
MALAKAL	03	8	02	2	2	8	—	2.8	37	11	01	8	02	3	0	2	Cs	9.1	-1.5	25.1	39	+2	21	+2	14	0	83	93	176
WAU	01	—	32	1	0	4	—	2	37	10	00	—	32	1	0	0	—	8.1	-1.8	23.7	38	+1	21	+2	44	0	103	151	177
JUBA	02	8	08	1	0	4	Cu	1.6	39	29	01	8	28	1	0	3	Cu	8.1	-1.9	29.3	39	+1	22	+1	40	0	231	145	178

UPPER WINDS

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

SALUM 7h	MATRUH 7h	DIKHEILA 8h	CAIRO 8h 30m	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 7h	KHARTUM 6h	KASSALA 6h	EL OBEID 6h	MALAKAL 7h	JUBA 6h	Solum 15th 13h
02 30 20	02 33 25	03 32 20	02 34 20	02 31 05	05 36 30	02 36 30	03 03 30	06 03 40	06 01 35	06 04 10	07 02 15	06 03 45	06 15 05	02 27 15
05 34 —	05 33 30	05 31 20	05 34 25	05 34 20	10 35 65	05 35 40	06 01 55	10 03 60	10 35 45	10 01 35	10 01 25	10 05 70	09 18 05	05 30 25
10 32 15	10 33 30	10 33 20	10 35 30	08 36 30		10 35 60	10 01 45	15 02 45	15 35 25	15 01 25	15 03 25	15 04 50	10 00 00	10 36 05
15 32 25	15 32 25	11 33 20	15 35 35	10 01 25		15 33 50	15 01 55	20 34 30	20 35 25	20 01 25	20 06 25	20 12 10		15 30 15
20 31 30				15 36 30			20 32 40	30 01 15	30 34 20	30 35 25		30 06 15		20 31 05
				20 34 50			30 27 75		40 31 20			40 04 15		25 31 15
							32 28 80		50 30 15			45 05 25		30 27 15
									60 25 10					35 30 40
									63 22 15					40 30 40

Forecast for 24 hours from noon on 16th

Northwesterly winds; on the coast moderate, freshening; inland light, becoming moderate.

Much low cloud.

Rain in the north; scattered showers inland probable later. Unsettled; becoming cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٦
رياح شمالية غربية معتدلة تقوى على الساحل وخفيفة ثم تصير معتدلة في الداخل.
يكثر السحاب المنخفض. يتساقط مطر في الشمال وكذلك يحتمل أن يتساقط في جهات متفرقة بالداخل أيضا فيما بعد.
الطقس متقلب ويميل الى البرودة.

STATION	Mean of day Humidity % on 15th	Diff. from normal	Wet Bulb Temp °C on 15th	Diff. from normal
Alexandria	73	+9	12.5	+1.3
Ezbekiya	65	+2	11.0	+0.2
Giza	67	+2	10.1	-0.3
Helwan	53	+1	9.3	-0.2

Giza Grass minimum on 16th 1.8 °C

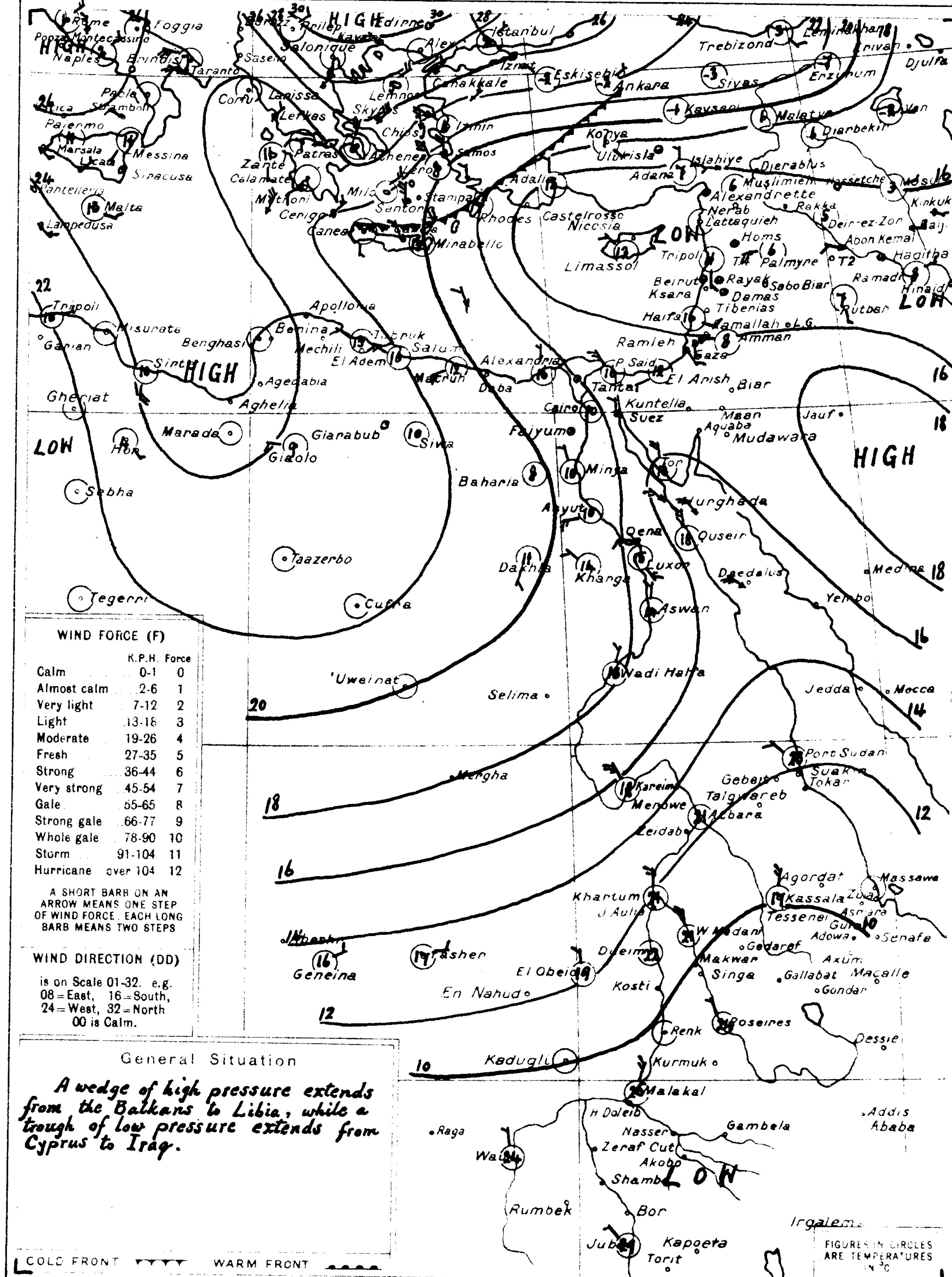
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
16-2	1273	891
15-2	1273	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	15-2	13.37	+0.06	13.37	+0.06
Nasser	15-2	5.80	+0.52	5.84	+0.54
Malakal	16-2	11.06	+0.57	11.10	+0.59
Roseires	16-2	12.30	+0.64	12.32	+0.65
Sennar Res	15-2	20.46	—	20.49	—
J. Aulia U.S	15-2	374.94	—	374.92	—
J. Aulia D.S	15-2	372.09	+0.75	372.12	+0.76
Khartum	15-2	11.07	+0.66	11.07	+0.64
Kh. el Girba					
Atbara	15-2	10.80	+0.50	10.80	+0.49
Kajnarti	15-2	133.69	+0.74	133.72	+0.73
Aswan Res	16-2	120.94	—	120.97	—
Aswan D.S.	16-2	86.46	+0.35	86.45	+0.32
Roda (Cairo)	16-2	15.91	+0.32	15.91	+0.31

Printed by the Survey & Mines Dept. 1938 (38/554)

١٦-٢-١٩٣٩ Isobars, Wind and Temperature at 8 h. 16-2-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A wedge of high pressure extends from the Balkans to Libia, while a trough of low pressure extends from Cyprus to Iraq.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000.000 Kms. 200 100 0 200 400 600 Kms

STATION	At 8 h. on 16th (الساعة ٨ يوم ١٦) Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb TTT	Max. Yesterday MM	Diff. from norm	Min. Today mm	Diff. from norm	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	28	2	1	3	—	14.3	-1.5	12	—	—	—	—	—	tr	435	348
Haifa	01	—	10	2	—	4	—	15.9	+0.9	16.5	20	+1	12	+4	65	1	445	562
Gaza	02	8	10	2	5	4	Ac	17.4	+1.6	11	—	—	9	+1	85	rain	—	308

SHIPS سفن: 53329 27606 30201 19962 61784 62000

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog [illegible]	4[illegible]
Thick [illegible]	4[illegible]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	6[illegible]
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, [illegible] Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 33
" " Sunset 17 45

Month *FEBRUARY* 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 16th (الساعة ١٤ يوم ١٦) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on FRIDAY 17th (الساعة ٨ يوم الجمعة ١٧) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	02	9	26	4	1	4	Cu	20.7	16.8	51	21	7	26	3	5	4	Cb	20.6	+2.9	9.3	19	—	8	—	95	dr.	73	—	130
MATRÛH	02	6	28	5	1	5	Sc	17.4	17.1	79	03	5	26	2	2	7	Ns	—	—	12.3	18	0	10	+1	96	"	89	132	131
DIKHEILA	02	8	26	4	1	5	Cu	18.6	17.0	78	02	8	28	5	2	5	Cb	17.4	—	15.0	18	—	13	—	84	"	72	—	150
ALEXANDRIA	02	9	28	4	2	5	Cu	17.5	18.2	63	02	8	32	5	6	5	Cu	16.8	-0.9	14.3	19	-1	12	+1	68	2	146	160	132
DAMIETTA											50	7	22	2	6	5	Sc	15.6	—	12.8	18	—	11	—	89	3	51	84	159
PORT SAÎD	00	8	28	3	1	0	—	16.3	19.3	62	02	6	28	3	1	5	Sc	15.8	-0.3	14.2	21	+2	13	+2	83	dr.	34	58	134
EL 'ARISH	03	7	28	1	5	6	Cu	15.9	17.8	72	02	7	20	2	1	5	Cb	14.7	—	13.2	18	—	11	—	88	2	101	63	135
LOWER EGYPT																													
DAMANHÛR											02	5	22	2	2	5	Ac	17.1	+0.5	12.7	17	-3	10	+3	90	1	18	77	136
MANSURA											00	8	20	2	8	0	—	15.6	—	12.5	21	+1	10	+3	89	1	25	36	137
TANTA	02	8	28	1	2	5	Cu	16.8	19.8	57	02	8	24	3	1	4	Cu	17.5	+0.4	14.0	22	+2	7	0	90	2	22	28	138
ZAGÂZIG	02	7	30	2	1	4	Cc	16.4	21.4	46	03	6	20	2	2	8	Sc	17.2	—	11.4	22	+1	7	+1	95	3	15	19	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	02	8	28	3	1	4	Sc	17.1	19.6	50	05	5	20	3	2	6	Cb	17.6	—	12.1	20	—	10	—	88	dr.	3	—	141
CAIRO EZBEKIYA	02	8	32	2	1	4	Cu	17.0	20.2	44	03	4	00	0	2	6	Cu	17.8	-0.4	11.7	22	+1	10	+2	85	tr.	5	17	—
CAIRO GÎZA	02	8	30	2	1	5	Cu	17.0	19.7	46	02	5	26	1	2	5	Cb	18.0	-0.7	11.5	21	0	6	0	89	2	5	18	—
HELWÂN	02	9	26	4	1	4	Cu	16.3	18.0	35	49	5	00	0	2	8	Ns	18.4	+0.3	10.0	19	-1	9	0	88	tr.	9	18	143
SUEZ	02	9	30	2	1	5	Cu	16.2	18.6	54	01	7	04	1	1	4	Cu	17.0	-0.8	13.0	20	-1	10	0	82	0	14	12	144
UPPER EGYPT																													
FAIYÛM	02	8	30	2	1	4	Cu	17.4	19.8	43	01	7	20	1	0	3	Cu	18.2	-0.1	13.3	21	-1	8	+1	68	0	dr.	6	153
MINYA	01	7	32	3	1	4	Cu	17.4	19.3	50	01	4	04	1	1	4	Ac	18.6	+0.4	12.2	20	-2	8	+1	74	0	4	—	154
ASYUT	00	8	26	4	0	0	—	17.1	20.0	40	00	6	22	3	0	0	—	18.7	-0.3	10.8	21	-2	8	+1	67	0	2	4	155
QENA	00	8	26	4	0	0	—	14.8	24.3	32	00	8	26	2	0	0	—	17.2	+0.3	13.0	26	0	8	0	72	0	dr.	—	156
LUXOR	00	7	30	5	0	0	—	14.6	22.9	39	00	7	14	2	0	0	—	17.0	—	15.2	23	—	7	—	62	0	dr.	—	157
ASWÂN	00	7	32	3	0	0	—	13.3	22.8	13	00	7	30	1	0	0	—	17.2	-0.6	11.8	24	-2	9	-2	58	0	1	—	158
WESTERN DESERT																													
SIWA	00	7	26	1	0	0	—	—	20.0	58	00	7	00	0	0	0	—	—	—	13.0	23	+1	5	0	66	0	dr.	6	148
BAHARIYA	00	9	24	1	0	0	—	17.4	19.5	39	00	9	00	0	0	0	—	19.8	—	9.2	20	—	5	—	71	0	0	—	149
KHARGA	00	8	04	3	0	0	—	17.0	22.2	35	00	8	28	1	0	0	—	19.2	+1.1	13.4	22	-3	7	0	54	0	dr.	tr.	151
DÂKHLA	00	8	02	5	0	0	—	18.3	20.4	35	00	6	24	2	0	0	—	20.3	+1.6	10.8	21	-4	5	-1	56	0	dr.	—	152
RED SEA																													
TÔR	01	6	28	6	0	1	Cu	13.3	19.5	72	01	6	32	3	0	1	Cu	15.8	-1.1	18.0	20	-2	11	+1	53	0	19	11	145
HURGHÂDA											01	9	28	3	0	3	Cu	15.6	-0.7	17.5	21	-2	10	0	44	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	14.8	21.0	62	00	7	24	2	0	0	—	16.0	0.0	18.9	22	-1	14	0	61	0	tr.	6	147
PORT SUDAN											03	—	32	3	2	7	—	13.4	-1.2	21.9	27	0	18	-1	51	0	71	103	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	1	0	0	—	19.0	+1.2	11.9	25	-2	9	0	54	—	—	—	165
KAREIMA											00	8	30	3	0	0	—	16.9	+1.4	14.2	29	-2	12	-1	37	0	0	1	166
'ATBARA											00	—	32	4	0	0	—	13.3	-0.4	18.8	30	-2	14	-1	22	0	6	1	167
KHARTÛM											05	7	02	3	0	0	—	12.7	-0.4	17.4	34	0	15	-1	26	0	dr.	5	168
KASSALA											00	8	02	3	0	0	—	10.7	-0.7	18.0	35	-1	14	-4	71	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	02	5	0	0	—	12.4	-0.1	19.3	36	+1	15	-1	23	0	2	13	171
DUEIM											00	—	—	3	0	0	—	12.4	+0.1	19.6	35	0	16	+1	38	0	14	12	173
RENK																			—			—		—					182
ROSEIRES											00	—	28	1	0	0	—	8.0	-2.9	21.9	40	+3	15	-2	25	0	27	38	172
EL OBEID											00	8	32	2	0	0	—	13.3	-1.4	17.0	33	+1	14	+3	61	0	8	19	174
EL FÂSHER											00	—	04	2	0	0	—	—	—	18.1	36	+4	11	0	27	0	0	8	175
GENEINA											01	8	08	2	0	4	As	—	—	16.4	37	—	15	—	24	0	dr.	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL											01	8	02	4	0	2	Ac	9.1	-1.4	23.2	37	0	20	+1	16	0	83	93	176
WÂU											00	—	12	1	0	0	—	8.4	-1.4	22.0	37	0	17	-2	50	0	103	151	177
JÛBA											03	8	10	1	6	6	Sc	10.0	0.0	23.4	39	+1	21	0	91	3	234	146	178

UPPER WINDS الرياح العليا

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

SALÛM h. m.	MATRÛH h. m.	DIKHEILA 8 h. m.	CAIRO h. m.	HELWÂN h. m.	ASYÛT h. m.	ASWÂN h. m.	WÂDI HALFA 5 h. m.	KAREIMA 6 h. m.	KHARTÛM 7 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKÂL 7 h. m.	JÛBA 6 h. m.	Salum 16th 13 h. m.
		02.32.35					03.04.15	06.34.10	06.02.40	07.04.10	07.01.25	06.03.60	06.03.20	02.29.20
		05.32.30					06.01.55	10.33.15	10.01.50	10.03.25	10.02.40	10.03.65	10.01.30	05.32.45
		10.31.40					10.01.45	15.32.05	15.35.30	15.02.35	15.03.20	15.04.45	15.02.35	10.30.30
		15.30.60					15.36.45	20.32.10	20.30.35	20.36.20	20.04.15	20.07.20	20.02.30	15.30.35
		20.29.50					20.34.30	30.33.25	30.27.40			30.02.25	23.05.05	Ext. Cb.
		21.28.55					30.30.55		40.31.40					
							32.31.50		50.18.30					

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	69	+5	13.4	+2.2
Ezbekîya	72	+10	12.0	+1.2
Gîza	86	+21	11.6	+1.2
Helwân	69	+18	10.4	+0.9

Gîza Grass minimum on 17th 4.0 °C

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

DATE	1939	1938
17-2	1273	889
16-2	1273	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-2	13.38	+0.08	13.37	+0.07
Nâsser	16-2	5.74	+0.48	5.80	+0.52
Malakâl	17-2	11.00	+0.62	11.06	+0.57
Roseires	17-2	12.28	+0.62	12.30	+0.64
Sennâr Res.	17-2	20.38	—	20.43	—
J. Aulia U.S	17-2	374.91	—	374.95	—
J. Aulia D.S	17-2	371.99	+0.67	372.07	+0.74
Khartûm	17-2	11.00	+0.62	11.06	+0.67
Kh. el Girba					
'Atbara	17-2	10.60	+0.53	10.80	+0.52
Kajnarti	17-2	133.62	+0.73	133.66	+0.72
Aswân Res.	17-2	120.93	—	120.94	—
Aswân D.S.	17-2	86.45	+0.37	86.46	+0.35
Rôda (Cairo)	17-2	15.91	+0.33	15.91	+0.32

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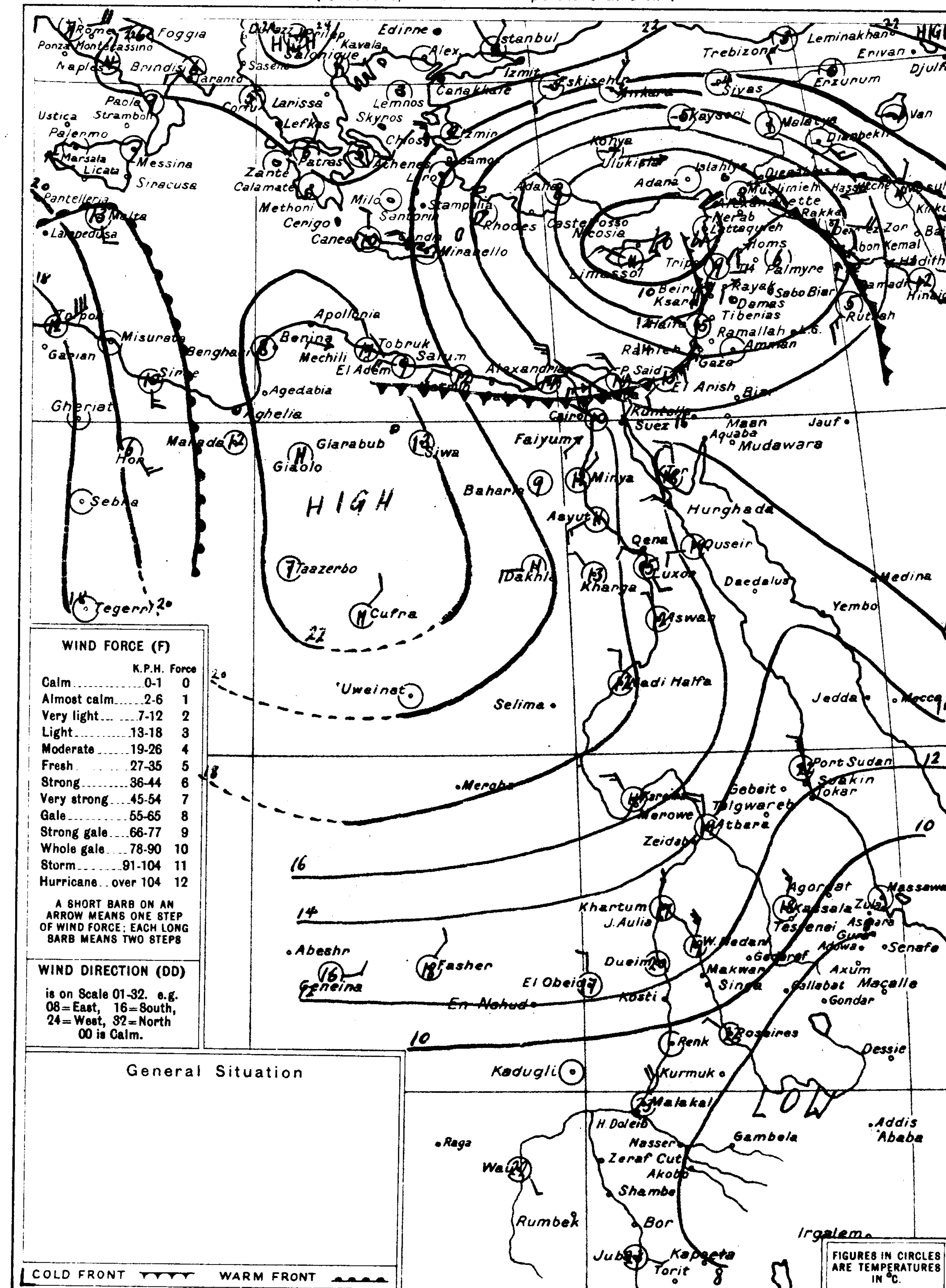
١٧-٢-٣٩ Isobars, Wind and Temperature at 8 h. 17-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

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

STATION مرصد	At 8 h. on 17th (الساعة ٨ يوم ١٧) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	02	6	26	3	2	4	—	9.5	-1.3	11	—	—	—	—	—	0	455	351
Haifa	03	—	26	2	—	7	—	12.6	-2.3	15.4	18	-1	11	+3	83	18	463	565
Gaza	03	6	20	3	6	6	Cb	15.8	0.4	12	—	—	10	+2	85	[illegible]	—	310
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 32
,, ,, Sunset 17 45

Month *FEBRUARY*, 1939 ١٩٣٩ شهر فبراير

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

DAILY WEATHER REPORT

At 14 h. on 17th الساعة ١٤ يوم ١٧ — At 8 h. on SATURDAY 18th الساعة ٨ يوم السبت ١٨

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rain past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
Mediterranean	SALÛM	02	8	30	5	1	5	Cu	19.6	14.8	71	02	7	24	3	1	5	Ac	21.9	+4.2	7.2	17	—	6	—	91	0	73	—	130
	MATRÛH											03	5	20	3	2	6	Sc	—	—	10.0	16	-2	8	-1	84	2	91	133	131
	DIKHEILA	02	8	28	5	2	5	Cb	17.2	15.7	80	03	7	20	3	2	7	Cu	20.0	—	12.6	16	—	11	—	71	0	72	—	150
	ALEXANDRIA	03	9	32	6	2	6	Cu	16.7	16.0	59	03	9	26	2	2	6	Ac	19.2	+1.6	15.0	17	-3	13	+2	59	0	146	161	132
	DAMIETTA											03	7	16	2	2	6	Ac	19.1	—	9.8	16	—	7	—	86	0	51	85	159
	PORT SAÎD	02	8	28	6	6	5	Sc	15.5	17.2	61	02	6	20	6	1	4	Sc	19.1	+3.1	12.6	18	-2	11	-1	70	4	38	58	134
	EL 'ARÎSH	02	7	28	4	1	4	Cb	14.6	15.5	84	02	7	20	1	1	4	Cb	18.8	—	12.2	18	—	10	—	75	0	101	64	135
Lower Egypt	DAMANHÛR											03	5	22	2	2	6	Ac	19.8	+3.2	10.2	17	-3	8	+1	84	dr	18	78	136
	MANṢURA											02	4	16	1	1	4	Sc	19.5	—	9.9	17	-3	7	0	82	1	26	37	137
	TANTA	02	7	24	3	1	4	Cu	15.5	18.0	63	02	7	18	2	2	5	Cb	20.2	+3.1	10.0	18	-2	5	-2	87	0	22	28	138
	ZAGÂZIG	03	7	28	1	2	8	Sc	16.0	18.8	55	03	7	20	2	2	8	Sc	20.4	—	9.9	19	-2	6	0	87	1	16	20	139
Middle Egypt (Cairo)	ALMÂZA	64	6	28	5	5	7	Cb	16.8	13.9	96	01	7	18	3	1	3	Cu	20.6	—	11.0	18	—	7	—	75	dr	3	—	141
Middle Egypt (Cairo)	EZBEKIYA	03	8	00	0	6	6	Cb	16.2	17.0	61	02	5	14	3	1	4	Ac	20.6	+2.5	9.9	19	-2	8	0	78	1	6	17	—
Middle Egypt (Cairo)	GÎZA	21	7	26	2	5	5	Cb	16.7	17.4	62	02	6	14	4	6	5	Ci	20.8	+2.2	10.7	19	-2	7	+1	83	1	6	18	—
	HELWÂN	60	5	24	2	6	7	Cb	16.8	14.9	75	05	6	00	0	0	3	Ci	21.1	+3.0	9.5	18	-3	7	-2	76	2	11	18	143
	SUEZ	03	8	28	2	5	6	Sc	15.8	18.2	54	01	7	02	1	1	3	As	20.4	+2.6	9.8	21	0	7	-3	81	tr	14	12	144
Upper Egypt	FAIYUM	02	7	30	3	1	4	Cu	16.6	18.4	51	01	6	30	1	0	3	Cu	21.1	+2.8	11.0	20	-2	6	-1	75	0	dr	6	153
	MINYA	01	6	30	4	1	3	Cu	16.4	20.5	37	02	3	02	1	2	5	Ac	21.2	+3.1	10.0	21	-1	8	0	87	0	4	—	154
	ASYÛT	02	8	26	3	1	5	Cu	17.0	20.0	42	01	6	22	3	1	3	As	21.1	+2.2	11.3	22	-1	8	+1	84	0	2	4	155
	QENA	00	8	24	4	0	0	—	15.2	24.5	32	00	8	30	1	0	0	—	19.4	+2.6	12.5	26	0	8	-1	68	0	dr	—	156
	LUXOR	01	7	30	3	1	4	Cu	15.1	23.6	44	00	7	14	2	0	0	—	19.2	—	13.4	24	—	6	—	67	0	dr	—	157
	ASWÂN	01	7	30	2	1	3	Cu	14.0	22.7	23	00	7	00	0	0	0	—	18.8	+1.1	12.0	23	-4	9	-2	56	0	1	—	158
Western Desert	SÎWA	01	7	26	1	1	3	Cu	18.2	19.4	59																		6	148
	BAHARÎYA	01	9	24	1	0	3	—	17.2	19.0	40	00	9	00	0	0	0	—	21.4	—	10.0	20	—	5	—	74	0	0	—	149
	KHARGA	00	8	32	4	0	0	—	16.7	21.7	31	00	8	30	1	0	0	—	19.8	+1.8	13.2	22	-3	7	0	55	0	dr	tr	151
	DÂKHLA	02	7	30	4	1	4	Ci	17.8	21.0	26	01	6	06	1	1	2	Ci	20.8	+2.2	12.1	22	-3	6	-1	65	0	dr	—	152
Red Sea	TÔR	00	6	28	5	0	0	—	13.9	21.5	41	01	6	32	3	0	1	Cc	18.8	+2.0	17.0	22	0	10	0	58	0	19	11	145
	HURGHÂDA											01	9	26	3	1	4	Cu	19.2	+3.0	16.8	22	-1	10	0	36	0	1	—	146
	QUṢEIR	01	7	02	3	0	1	Ci	14.8	21.5	47	01	7	28	2	0	1	Ci	18.4	+2.5	17.5	22	-1	13	-2	66	0	tr	6	147
	PORT SUDAN	03	—	04	5	1	7	—	12	26	45	00	—	28	2	0	0	—	15.4	+0.7	22.5	26	-1	17	-2	52	0	71	103	149
North Sudan	WÂDI HALFA	01	8	04	4	0	1	—	16.7	22	22	00	8	00	0	0	0	—	19.5	+1.8	11.9	24	-3	8	-1	65	—	—	—	165
	KAREIMA	00	8	28	3	0	0	—	14.7	24	26	00	8	28	3	0	0	—	17.5	+2.1	14.8	26	-6	11	-2	30	0	0	1	166
	'ATBARA	01	—	28	4	0	4	—	10	28	10	00	—	32	2	0	0	—	15.1	+1.5	17.8	28	-4	13	-2	31	0	6	1	167
	KHARTÛM	01	8	23	—	—	—	—	8.8	31	9	01	8	02	3	0	3	Ci	14.2	+1.2	16.5	31	-3	—	—	26	0	dr	5	168
	KASSALA	00	8	32	1	0	0	—	4.2	33	25	01	8	02	3	0	3	Cs	10.8	-0.5	20.0	34	-2	16	-2	64	0	dr	11	170
Central Sudan	WAD MEDANI	01	—	30	4	0	4	—	7	32	10	01	—	02	4	0	4	—	12.4	0.0	19.3	32	-3	12	-4	30	0	2	13	171
	DUEIM	01	—	—	3	0	4	—	9	31	25	00	—	—	4	0	0	—	13.3	+1.1	19.4	32	-3	14	-1	39	0	14	12	173
	RENK	00	7	28	4	0	0	—	5.6	33	34	00	7	—	3	0	0	—	13.3	—	18	33	—	13	—	53	0	—	—	182
	ROSEIRES	01	—	30	4	0	4	—	3	37	10	00	—	26	1	0	0	—	8.6	-2.3	21.1	39	+2	14	-3	28	0	27	38	172
	EL OBEID	18	7	04	4	0	0	—	—	—	8	03	8	32	2	1	7	Ci	14.8	+0.2	14.5	31	-1	12	0	43	0	8	19	174
	EL FÂSHER	01	—	06	2	0	4	—	—	32	—	00	—	06	2	0	0	—	—	—	14.9	33	+1	12	+1	26	0	0	8	175
	GENEINA	03	8	06	3	0	6	—	—	33	8	02	8	08	4	0	5	Ac	—	—	16.8	36	—	15	—	18	0	dr	—	179
	KADUGLI											18	4	04	5	0	0	—	12.3	—	19	37	—	16	—	20	0	—	—	187
S. Sudan	MALAKÂL											01	8	04	5	1	4	Ci	10.7	+0.3	22.0	36	-1	18	-1	16	0	83	93	176
	WÂU	01	—	08	2	0	4	—	4	36	10																		151	177
	JÛBA	02	8	12	2	1	5	St	6.2	32	48	03	8	00	0	8	7	Sc	8.9	-1.1	26.2	32	-6	22	+1	69	dr	234	146	178

UPPER WINDS

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 9 h.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 4 h.	KHARTÛM 6 h.	KASSALA 4 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA 6 h.	Geneina 5 h.
02.28.15	02.27.30	02.25.15	02.22.15	02.18.05	05.04.15	02.03.10	03.03.30	06.01.20	06.01.25	06.07.10	07.03.30	06.03.50	06.30.10	10.05.45
05.29.15	05.27.20	05.28.25	05.26.10	05.24.15	10.34.25	05.01.40	06.03.55	10.35.30	10.02.50	10.03.25	10.06.55	10.04.75	10.31.05	15.06.40
10.31.20	10.30.30	10.29.30	10.32.20	08.26.10	15.34.20	10.36.40	10.03.45	15.34.60	15.01.35	15.05.15	15.07.30	15.05.45	15.00.00	19.08.25
15.27.45	15.30.55	15.29.45	15.33.20	10.31.15		15.35.25	15.02.25	20.31.35	20.03.15	20.07.10	20.07.25	20.05.35		
20.30.35		20.28.55	20.30.25	15.31.20		20.30.25	20.33.05		30.32.30		30.09.15	30.05.25		
25.29.40		22.28.50	25.31.25	20.32.25			30.32.45		40.32.25			40.06.30		
30.29.45			26.31.30	22.32.20			38.27.80		50.31.15			42.07.25		
									60.29.25					

Forecast for 24 hours from noon on 18th

On the coast moderate to fresh westerly winds. Inland light to moderate winds between south and west. Much low cloud at times.
Light scattered showers, but conditions improving.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٨
على الساحل رياح غربية بين المعتدلة والشديدة نوعا
وفي الداخل رياح بين الخفيفة والمعتدلة وبين جنوبية وغربية
يكثر السحاب المنخفض احيانا
يتساقط مطر خفيف في جهات متفرقة ولكن الطقس سيتحسن
وتستمر درجة الحرارة مائلة الى البرودة .

Station	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp °C on 17th	Diff. from normal
Alexandria	61	-3	11.2	0.0
Ezbekîya	74	+12	11.7	+0.8
Gîza	75	+10	11.5	+1.0
Helwân	79	+28	11.1	+1.6

Gîza Grass minimum on 18th 2.6 °C

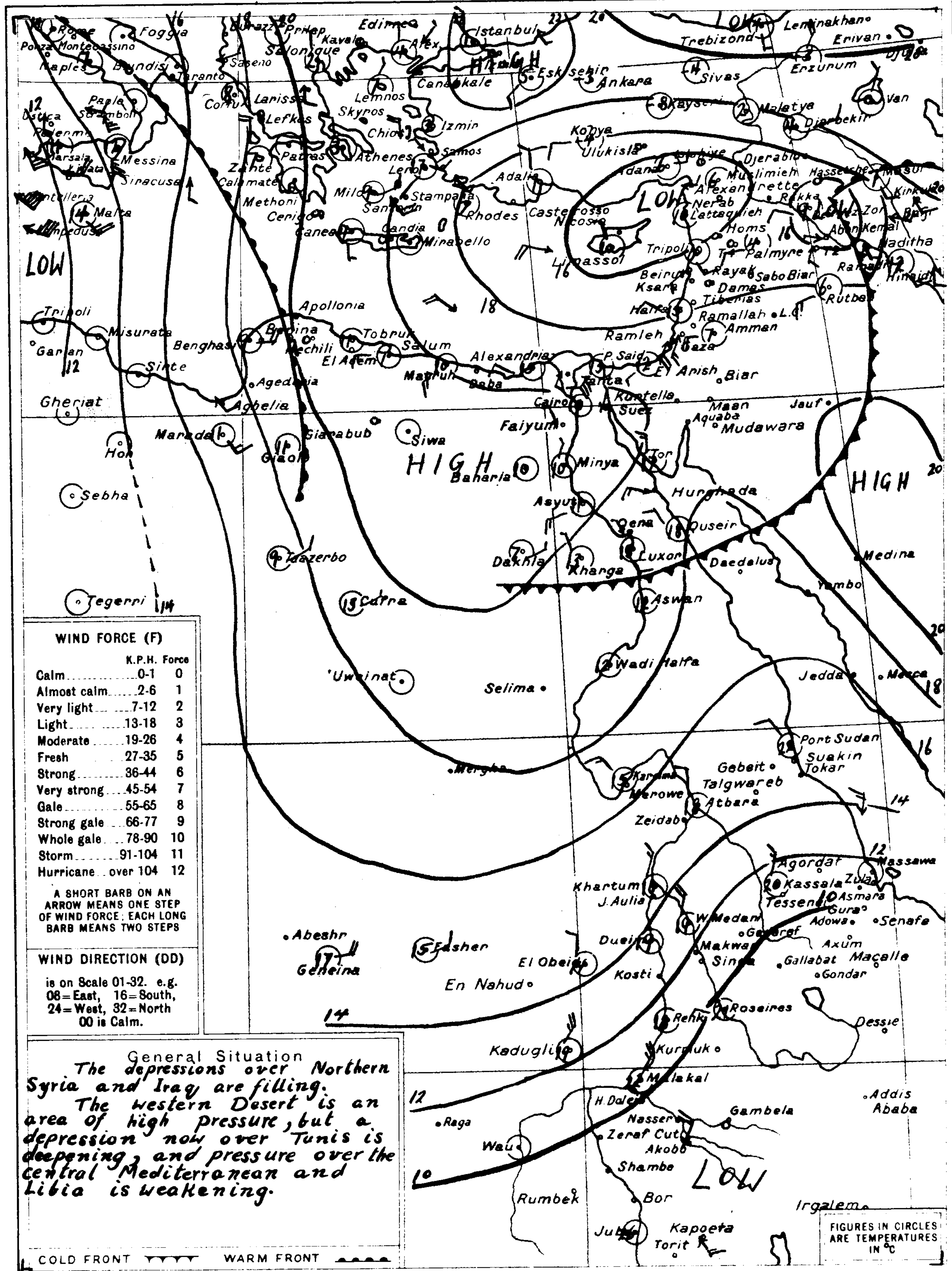
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
18.2	1273	890
17.2	1273	889

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18.2	13.36	+0.06	13.38	+0.08
Nasser	16.2	5.74	+0.48	5.80	+0.52
Malakâl	18.2	10.97	+0.51	11.00	+0.52
Roseires	18.2	12.27	+0.61	12.28	+0.62
Sennâr Res.	17.2	20.38	—	20.43	—
J. Aulia U.S	18.2	374.93	—	374.91	—
J. Aulia D.S	18.2	371.90	+0.59	371.89	+0.67
Khartûm	17.2	11.00	+0.62	11.66	+0.67
Kh. el Girba					
'Atbara	17.2	10.80	+0.53	10.80	+0.52
Kajnarti	17.2	133.62	+0.73	133.66	+0.73
Aswân Res.	18.2	120.92	—	120.93	—
Aswân D.S.	18.2	86.45	+0.39	86.45	+0.37
Rôda (Cairo)	18.2	15.93	+0.36	15.91	+0.33

Printed by the Survey & Mines Dept. 1938 (38/554)

١٨-٢-٣٩ Isobars, Wind and Temperature at 8 h 18-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

The depressions over Northern Syria and Iraq are filling.
The western Desert is an area of high pressure, but a depression now over Tunis is deepening, and pressure over the central Mediterranean and Libia is weakening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 18th الساعة ٨ يوم ١٨

Station محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	30	1	0	2	—	14.7	-0.9	10	—	—	—	—	—	dr	435	354
Haifa	00	—	26	2	—	0	—	17.6	+2.7	14.8	17	-2	11	+3	51	5	468	568
Gaza	03	5	18	4	6	6	As,FN	19.2	+3.4	11	—	—	9	+1	75	RAIN	—	313
SHIPS سفن	73344		30506			26403				19958	95462		95416					
	73331		27006			27401				18856	63784		76110					

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h. 37 m.
" " Sunset 17 h. 46 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY 1939 ١٩٣٩ شهر فبراير

At 14 h. on 18th (الساعة ١٤ يوم ١٨) — At 8 h. on SUNDAY 19th (الساعة ٨ يوم الاحد ١٩)

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
[illegible]	02	8	02	2	1	5	Cu	20.6	14.8	60	03	6	12	4	2	8	As	17.1	-0.5	11.2	18	—	7	—	60	0	73	—	130
[illegible]	01	6	28	3	1	3	Sc	—	16.3	63	03	7	12	2	2	6	As	—	—	10.8	16	-2	9	0	83	0	91	133	131
DIKHEILA	01	8	26	4	5	4	Cu	19.6	16.2	61	05	7	14	2	2	6	Cs	19.6	—	11.7	17	—	9	—	72	dr	72	—	150
ALEXANDRIA	02	9	24	4	5	4	Cu	19.0	17.2	61	02	9	16	1	2	5	Ac	19.0	+1.5	11.3	18	-2	10	-1	84	tr	146	162	132
DAMIETTA											02	5	16	1	1	5	Ci	19.4	—	12.5	18	—	7	—	77	0	51	86	159
PORT SAÏD	02	8	20	5	1	4	Sc	19.1	18.0	56	00	5	20	2	0	0	—	19.8	+3.8	10.7	20	0	10	-2	93	0	38	59	134
EL 'ARÎSH	01	7	28	3	1	2	Cu	17.6	17.3	63	01	7	16	1	1	4	Ac	19.6	—	13.2	20	—	7	—	73	0	101	65	135
LOWER EGYPT																													
DAMANHÛR											01	4	12	1	1	3	Ci	19.6	+3.1	10.7	17	-3	7	0	82	0	18	78	136
...SURA											01	7	14	1	1	3	Ac	19.8	—	10.0	19	-1	6	-1	87	0	26	37	137
...A	03	7	20	2	2	8	Sc	19.9	16.4	69	00	8	16	1	0	0	—	20.0	+2.9	11.3	19	-2	3	-4	84	0	22	29	138
...ZIG	02	8	28	1	1	5	Cc	19.6	17.9	53	01	6	10	1	4	3	Cc	20.4	—	11.9	19	-2	4	-3	76	0	16	20	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	02	8	24	3	1	4	Sc	19.5	18.2	52	05	6	10	3	1	3	Ci	19.4	—	13.0	19	—	8	—	64	0	3	—	141
CAIRO EZBEKÎYA	01	8	00	0	1	4	Cu	19.5	19.5	38	05	4	00	0	1	4	St	19.8	+1.8	10.4	21	0	8	0	84	0	6	18	—
CAIRO GÎZA	02	8	02	1	2	5	Cu	19.4	21.0	39	05	4	00	0	4	4	Ci	19.6	+1.0	9.4	21	0	5	-1	91	0	6	18	—
HELWÂN	02	8	00	0	1	4	Cu	19.4	16.2	34	05	5	00	0	0	3	Ci	19.8	+1.8	10.1	19	-2	8	-1	67	0	11	19	143
SUEZ	01	9	12	1	1	3	Ac	19.4	19.6	36	01	7	00	0	1	3	As	19.9	+2.2	11.4	21	0	7	-3	87	0	14	12	144
UPPER EGYPT																													
FAIYÛM	02	8	30	1	1	4	Cu	19.9	17.8	49	01	7	00	0	0	4	Ac	19.6	+1.4	11.6	21	-1	5	-2	54	0	dr	6	153
MINYA	01	7	30	3	1	4	AS	19.2	19.2	43	02	5	32	1	1	4	As	19.6	+1.5	10.2	20	-2	8	0	74	0	4	—	154
ASYÛT	02	8	32	3	1	5	AS	19.2	20.6	41	01	6	26	3	1	3	As	19.5	+0.7	11.5	22	-1	7	0	76	0	2	4	155
QENA	00	8	32	2	0	0	—	17.2	23.8	34	00	8	30	1	0	0	—	18.7	+1.9	11.9	26	0	8	-1	66	0	dr	—	156
LUXOR	00	7	30	3	0	0	—	17.2	22.8	43	00	7	06	2	0	0	—	18.6	—	13.1	25	—	6	—	64	0	dr	—	157
ASWÂN	00	7	30	3	0	0	—	15.4	22.8	21	00	7	02	1	0	0	—	17.9	+0.3	12.0	24	-3	9	-2	47	0	1	—	158
WESTERN DESERT																													
SIWA	02	7	26	1	1	4	Cu	—	21.0	49	03	7	00	0	2	6	Cu	—	—	10.2	23	+1	7	+1	76	0	dr	6	148
BAHARIYA	02	9	00	0	1	4	—	18.6	19.1	46	02	9	00	0	1	4	—	19.6	—	10.0	21	—	7	—	64	0	0	—	149
KHARGA	00	8	32	3	0	0	—	17.0	21.8	33	00	8	32	2	0	0	—	18.8	+0.9	13.8	22	-3	9	+2	59	0	dr	tr	151
DAKHLA	01	8	32	1	1	2	Ci	18.4	22.2	32	02	6	00	6	2	5	Cc	18.7	+0.2	9.9	24	-1	7	0	51	0	dr	—	152
RED SEA																													
TÔR	00	6	28	4	0	0	—	17.2	20.0	52	01	6	32	2	0	2	Cc	17.5	+0.7	12.5	20	-2	8	-2	60	0	19	11	145
HURGHÂDA											01	9	28	3	1	3	Ci	17.9	+1.7	16.8	21	-2	10	0	44	0	1	—	146
QUSEIR	01	7	02	3	0	1	Ci	17.5	20.0	64	00	7	28	2	0	0	—	17.9	+2.0	17.5	21	-2	13	-2	63	0	tr	6	147
PORT SUDAN	01	—	04	2	0	—	—	9	28	65	00	—	32	3	0	0	—	15.1	+0.6	22.2	28	+1	17	-2	55	0	71	103	1 9
NORTH SUDAN																													
WÂDI HALFA	00	8	04	4	0	0	—	17.5	23	25	00	8	02	3	0	0	—	18.4	+0.8	11.9	24	-3	8	-1	43	—	—	—	165
KAREIMA	00	8	30	3	0	0	—	12.8	29	20	00	8	30	3	0	0	—	15.7	+0.4	16.0	29	-3	11	-2	32	0	0	1	166
'ATBARA	01	—	02	2	0	4	—	11	29	25	00	—	04	2	0	0	—	14.2	+0.6	19.0	29	-3	13	-2	30	0	6	1	167
KHARTÛM	00	8	30	2	0	0	—	8.3	30	15	00	8	02	4	0	0	—	12.0	-0.9	18.7	32	-2	16	0	30	0	dr	5	168
KASSALA	00	8	02	3	0	0	—	5.8	32	33	00	8	08	3	0	0	—	10.2	-1.0	20.4	33	-3	15	-3	55	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	22	1	0	—	—	7	32	25	00	—	06	4	0	0	—	11.5	-0.8	20.8	33	-3	14	-2	46	0	2	13	171
DUEIM	01	—	—	2	0	—	—	9	31	25	00	—	—	3	0	0	—	11.6	-0.5	21.4	31	-4	17	+2	43	0	14	12	173
RENK	00	9	28	3	0	0	—	8.1	32	33	01	7	28	2	1	3	—	11.0	—	20	33	—	12	—	55	0	—	—	182
ROSEIRES	01	—	20	1	0	4	—	4	35	10	00	—	30	1	0	0	—	7.6	-3.2	21.9	36	-1	16	-1	43	0	27	38	172
EL OBEID	02	8	04	4	1	5	—	7.7	28	22	00	8	32	1	0	0	—	12.7	-1.8	16.6	30	-2	13	+1	43	0	8	19	174
EL FÂSHER	01	—	04	2	0	4	—	—	31	10	00	—	04	2	0	0	—	—	—	16.3	33	+1	12	+1	27	0	0	8	175
GENEINA	01	7	08	2	0	2	Ac	—	34	11	00	8	08	1	0	0	—	—	—	15.8	36	—	15	—	24	0	dr	—	179
KADUGLI											01	7	04	2	0	2	—	10.7	—	21	—	—	—	—	34	0	—	—	187
S. SUDAN																													
MALAKÂL	03	8	02	4	2	7	—	4.8	35	17	03	8	02	5	2	7	Ci	9.5	-0.9	22.7	35	-2	19	0	26	0	83	93	176
WÂU											01	—	32	2	0	4	—	8.3	-1.5	21.0	35	-2	17	-2	38	0	103	152	177
JUBA	03	8	30	2	2	7	Sc	4.8	33	24	01	8	02	2	8	4	Sc	9.3	-0.7	25.6	35	-3	22	+1	62	dr	234	146	178

UPPER WINDS

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

SALÛM 7h.	MATRÛH 7h.	DIKHEILA 8h.	CAIRO 8h. 30m.	HELWÂN 8h. 30m.	ASYÛT 7h.	ASWÂN 7h.	WÂDI HALFA 4h.	KAREIMA 4h.	KHARTÛM 6h.	KASSALA 6h.	EL OBEID 6h.	MALAKÂL 7h.	JÛBA 6h.	Salum 13h.
02 13 20	05 15 50	02 14 40	02 09 10	02 10 05	05 02 20	02 01 20	03 03 20	06 04 15	06 02 35	06 09 15	07 03 35	06 01 60	06 05 10	02 02 10
[illegible] —	10 16 40	05 12 25	05 07 10	05 07 15	10 01 20	05 03 30	06 04 35	10 04 25	10 04 50	10 03 35	10 04 50	10 03 75	10 04 20	05 19 05
[illegible] 45	15 20 25	10 12 05	10 35 15	08 04 15	15 31 20	10 03 30	10 04 20	15 02 15	15 02 25	15 01 10	15 04 35	15 05 50	15 01 20	10 — —
[illegible] 25	20 23 15	11 21 15	15 31 15	10 01 15	20 32 25	15 34 15	15 36 15	20 01 20	20 36 35	20 34 05	20 06 25	20 09 25	19 36 30	15 28 25
20 25 35	25 25 45	15 31 10	20 30 35	15 33 25		20 34 20	20 33 15	21 36 10	30 01 40			30 09 25		20 28 15
26 26 55	30 27 55	20 29 05		20 30 25			30 30 55		40 30 35			40 07 50		25 29 20
30 27 50				23 30 35			33 30 55					43 07 50		30 28 35
35 27 70				25 30 45										35 28 45
				27 30 45										

Forecast for 24 hours from noon on 19th

On the coast moderate southeasterly winds, freshening. Inland light variable winds, becoming moderate southeasterly.
Clear at first, high cloud developing.
Becoming warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٩
على الساحل رياح جنوبية شرقية معتدلة ثم تشتد
نوعا وفي الداخل رياح خفيفة مختلفة الاتجاه ثم تصير
جنوبية شرقية معتدلة.
السماء صحو اولا ثم يظهر السحاب العالي
سترتفع درجة الحرارة

Mean of day

STATION	Humidity % on 18th	Diff. from normal	Wet bulb temp °C on 18th	Diff. from normal
Alexandria	60	-4	11.8	+0.5
Ezbekîya	63	+1	10.4	-0.6
Gîza	73	+4	11.1	+0.6
Helwân	57	+6	8.4	-0.6

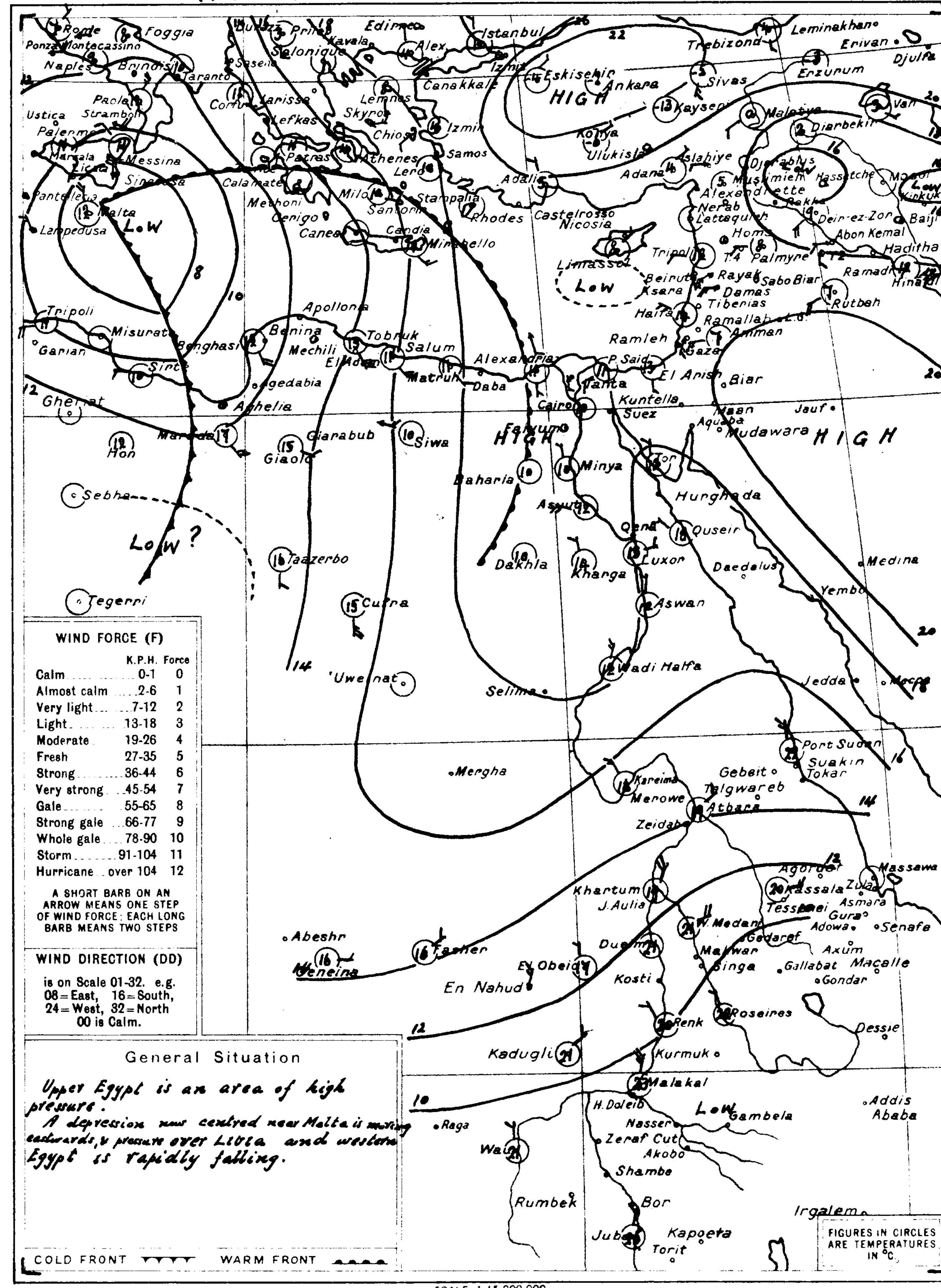
Gîza Grass minimum on 19th 1.1 °C

Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
19-2	1215	890
18-2	1273	890

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-2	13.36	+0.06	13.36	+0.06
Nasser	18-2	5.66	+0.42	5.70	+0.45
Malakâl	14-2	10.92	+0.48	10.97	+0.51
Roseires	14-2	12.25	+0.60	12.27	+0.61
Sennâr Res	18-2	20.35	—	20.38	—
J. Aulia U.S	18-2	374.93	—	374.91	—
J. Aulia D.S	18-2	371.90	+0.59	371.99	+0.67
Khartûm	18-2	10.94	+0.57	11.00	+0.62
Kh. el Girba					
'Atbara	14-2	10.76	+0.51	10.78	+0.52
Kajnarti	18-2	133.60	+0.73	133.62	+0.73
Aswân Res.	17-2	120.90	—	120.92	—
Aswân D.S.	19-2	86.36	+0.32	86.45	+0.39
Rôda (Cairo)	19-2	15.91	+0.34	15.93	+0.36

Isobars, Wind and Temperature at 8 h 19-2-1939. (١٩-٢-١٩٣٩)



SCALE 1.15.000.000 — Kms 200 100 0 200 400 600 Kms

WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

Upper Egypt is an area of high pressure.
A depression now centred near Malta is moving eastwards, & pressure over Libia and western Egypt is rapidly falling.

COLD FRONT — WARM FRONT

At 8 h on 19th (الساعة ٨ يوم ١٩)

STATION	Present weather ww	Visibility	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	02	6	04	1	2	5	—	18.6	+3.0	8	—	—	—	—	—	0	435	356
Haifa	02	—	26	1	—	5	—	19.4	+4.6	13.9	18	-1	12	+3	70	7	475	571
Siwa 18th	00	7	00	0	0	0	—	—	—	10.0	22	0	5	-1	78	0	dr	6

SHIPS: 13323 29706 14201 19965 61904 36008

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO

Time of Sunrise 06 h 30 m
" " Sunset 17 h 41 m

Month *FEBRUARY* 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Region	STATION	At 14 h. on 19th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on MONDAY 20th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station number
MEDITERRANEAN	ŪM	60	5	16	7	6	8	Ns	15.4	14.6	52	03	6	24	3	2	8	Cb	14.7	-2.9	12.6	15	—	10	—	64	1	74	—	130
	MATRŪH	50	7	16	1	5	8	NS	16.3	17.2	51	50	6	14	4	6	8	Cb	13.0	-4.5	13.2	18	0	11	+2	75	3	94	134	131
	DIKHEILA	03	8	00	0	2	8	Cs	18.4	19.6	37	62	7	12	2	5	8	NS	17.2	—	13.0	20	—	11	—	81	1	73	—	150
	ALEXANDRIA	03	9	18	1	2	8	As	17.4	19.6	62	03	7	12	3	6	8	AS	16.3	-1.2	13.1	20	0	12	+1	78	1	147	163	132
	DAMIETTA											57	6	04	2	5	8	NS	17.0	—	13.8	19	—	11	—	86	dr	51	86	159
	PORT SAĪD	01	7	04	3	1	3	Cc	17.4	18.8	52	03	6	04	2	2	8	Cu	17.6	+1.7	13.8	21	+1	10	-2	80	dr	38	59	134
	EL 'ARĪSH	01	7	04	1	1	2	Cu	17.4	17.1	67	03	7	00	0	1	8	As	17.2	—	12.1	20	—	10	—	90	0	101	66	135
	DAMANHŪR											50	4	12	2	5	8	As	17.2	+0.7	12.3	18	-2	10	+3	89	tr	18	79	136
	ANṢŪRA											02	4	02	1	2	5	Sc	16.6	—	12.7	21	0	10	+3	87	1	27	37	137
	NTA	01	7	32	1	1	3	Cu	18.0	20.3	54	03	6	00	0	2	8	NS	18.6	+1.5	13.4	22	+1	—	—	94	1	23	29	138
	ÂZIG	01	8	02	2	1	3	Cc	17.4	21.8	41	03	6	02	1	2	8	Sc	17.6	—	13.3	22	+1	12	+5	85	dr	16	20	139
MIDDLE EGYPT – CAIRO	ALMÂZA	01	8	02	2	1	3	Ci	17.1	20.7	43	51	8	00	0	5	7	As	16.7	—	16.0	22	—	12	—	57	dr	3	—	141
	EZBEKIYA	02	8	04	2	1	4	Ci	16.8	21.0	35	03	7	04	2	5	8	NS	16.4	-1.6	15.3	23	+2	10	+2	59	dr	6	18	—
	GĪZA	02	9	32	2	1	4	Ci	16.7	20.1	41	21	5	04	1	5	6	Cb	16.2	-2.3	14.9	22	+1	9	+3	64	dr	6	18	—
	HELWÂN	01	9	00	0	0	3	Ci	16.0	20.2	25	05	6	02	2	2	7	Sc	16.4	-1.5	15.3	22	+1	13	+4	43	0	11	19	143
	SUEZ	00	9	04	2	1	0	—	16.6	19.0	38	03	7	02	1	2	8	Sc	16.7	-1.0	12.0	23	+2	10	-1	68	0	14	12	144
UPPER EGYPT	FAIYŪM	01	8	30	1	1	3	Cu	17.1	20.0	43	02	6	00	0	1	5	Cu	16.4	-1.8	13.6	22	0	10	+3	73	0	dr	6	153
	MINYA	01	7	32	2	1	4	As	16.0	20.7	35	03	4	00	0	2	8	Ac	16.8	-1.2	12.0	21	-1	10	+2	74	0	4	—	154
	ASYŪT	02	8	30	3	1	5	As	16.0	22.0	29	02	7	10	2	1	5	As	16.2	-2.5	13.8	24	+1	9	+1	69	0	2	4	155
	QENA	00	8	22	1	0	0	—	15.4	22.8	36	00	8	26	1	0	0	—	16.3	-0.4	14.7	25	-1	9	0	61	0	dr	—	156
	LUXOR	00	7	30	3	0	0	—	15.1	23.0	43	00	7	08	1	0	0	—	15.6	—	13.2	26	—	6	—	64	0	dr	—	157
	ASWÂN	00	7	32	2	0	0	—	13.5	24.0	21	01	7	00	0	1	3	Cu	15.4	-2.2	13.1	25	-2	11	0	42	0	1	—	158
WESTERN DESERT	SĪWA	03	7	26	1	2	8	Cu	—	22.0	43	03	7	00	0	2	8	Cu	—	—	13.3	23	+1	10	+4	73	dr	dr	6	149
	BAHARĪYA	02	9	00	0	1	4	—	17.0	23.0	38	02	9	00	0	1	4	—	16.3	—	16.2	24	—	9	—	49	0	0	—	149
	KHARGA	00	8	02	3	0	0	—	16.6	22.0	36	02	7	28	1	2	5	Cc	16.3	-1.5	15.0	23	-2	9	+2	49	0	dr	tr	151
	DAKHLA	01	8	00	0	1	4	Cc	15.6	23.8	29	03	6	00	0	2	8	As	17.0	-1.4	11.9	25	0	9	+2	44	0	dr	—	152
RED SEA	TOR	00	6	28	3	0	0	—	14.8	20.0	64	01	6	32	3	0	1	Cc	15.1	-1.6	13.0	20	-2	8	-2	61	0	19	11	145
	HURGHÂDA							—				02	9	26	3	2	5	Ci	16.0	-0.1	17.8	21	-2	10	0	46	0	1	—	146
	QUṢEIR	00	7	32	2	0	0	—	15.8	20.2	71	01	7	24	1	0	1	Ci	15.5	-0.3	20.0	22	-1	14	-1	55	0	tr	6	147
	PORT SUDAN	02	—	04	4	0	—	—	12	26	65	00	—	28	3	0	0	—	13.6	-0.8	22.8	26	-1	17	-2	61	0	71	103	169
NORTH SUDAN	WÂDI HALFA	00	8	04	2	0	0	—	15.6	27	20	00	8	00	0	0	0	—	16.4	-1.1	12.5	27	0	10	+1	35	—	—	—	165
	KAREIMA	00	7	30	4	0	0	—	11.3	30	16	00	8	02	2	0	0	—	13.5	-1.7	17.2	30	-2	13	0	34	0	0	1	166
	'ATBARA	01	—	32	5	0	—	—	8	32	10	00	—	04	2	0	0	—	12.3	-1.2	19.8	32	0	16	+1	36	0	6	1	167
	KHARTÛM	00	8	04	3	0	0	—	6.1	34	18	00	8	02	4	0	0	—	10.2	-2.6	20.0	35	+1	17	0	25	0	dr	5	168
	KASSALA	00	8	02	3	0	0	—	3.4	35	19	00	8	02	3	0	0	—	8.6	-2.5	19.0	36	0	15	-3	63	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	02	4	0	4	—	5	34	25	00	—	04	4	0	0	—	9.6	-2.6	21.3	35	-1	17	+1	51	0	2	13	171
	DUEIM	01	—	—	3	0	4	—	7	33	35	00	—	—	3	0	0	—	10.6	-1.4	20.8	34	-1	15	0	49	0	14	12	173
	RENK	00	7	28	3	0	0	—	3.8	36	33	01	7	28	1	1	3	—	10.3	—	20	37	—	17	—	54	0	—	—	182
	ROṢEIRES	01	—	06	1	0	4	—	3	36	35	00	—	32	1	0	0	—	6.0	-4.7	23.0	39	+2	16	-1	36	0	27	38	172
	EL OBEID	00	8	04	3	0	0	—	6.1	31	32	00	8	32	2	0	0	—	12.0	-2.4	18.0	32	0	15	+3	44	0	8	19	174
	EL FÂSHER											00	—	02	2	0	0	—	—	—	18.2	35	+3	14	+3	25	0	0	8	175
	GENEINA	01	8	08	3	0	3	Sc	—	34	10	00	7	08	2	0	0	—	—	—	16.0	37	—	14	—	24	0	dr	—	179
	KADUGLI																													187
S. SUDAN	MALAKÂL	03	8	02	4	0	8	—	3.8	35	19	03	8	02	2	2	6	Ac	9.6	-0.7	22.2	36	-1	20	+1	47	0	83	93	176
	WÂU	01	—	08	3	0	—	—	4	35	—	00	—	32	2	0	0	—	—	—	22.0	36	-1	18	-1	36	0	103	152	177
	JÛBA	02	8	10	2	1	6	Cu	2.6	37	35	01	8	32	2	1	4	Sc	8.3	-1.7	28.2	37	-1	24	+3	51	0	234	146	178

UPPER WINDS الرياح

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

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 5 h. m.	KAREIMA 5 h. m.	KHARTUM 6 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 6 h. m.	Salum 19th 13 h. m.
							030215	060120	060245	060710	070330	060430	063405	021945
							060435	103530	100340	100510	100535	100555	100000	0520 —
							100525	153460	150425	150405	150635	150545		102345
							150705	203135	200330	203105		200820		152480
							203420	212935	300125			300820		202565
							303545		402420			400630		
							403455		502725			500945		
							453470					560950		

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 19th	Humidity Diff. from normal	Wet bulb temp °C on 19th	Wet bulb Diff. from normal
Alexandria	77	+13	12.0	+0.5
Ezbekîya	64	+2	11.5	+0.4
Gîza	71	+7	11.5	+0.9
Helwân	50	-1	9.8	+0.2

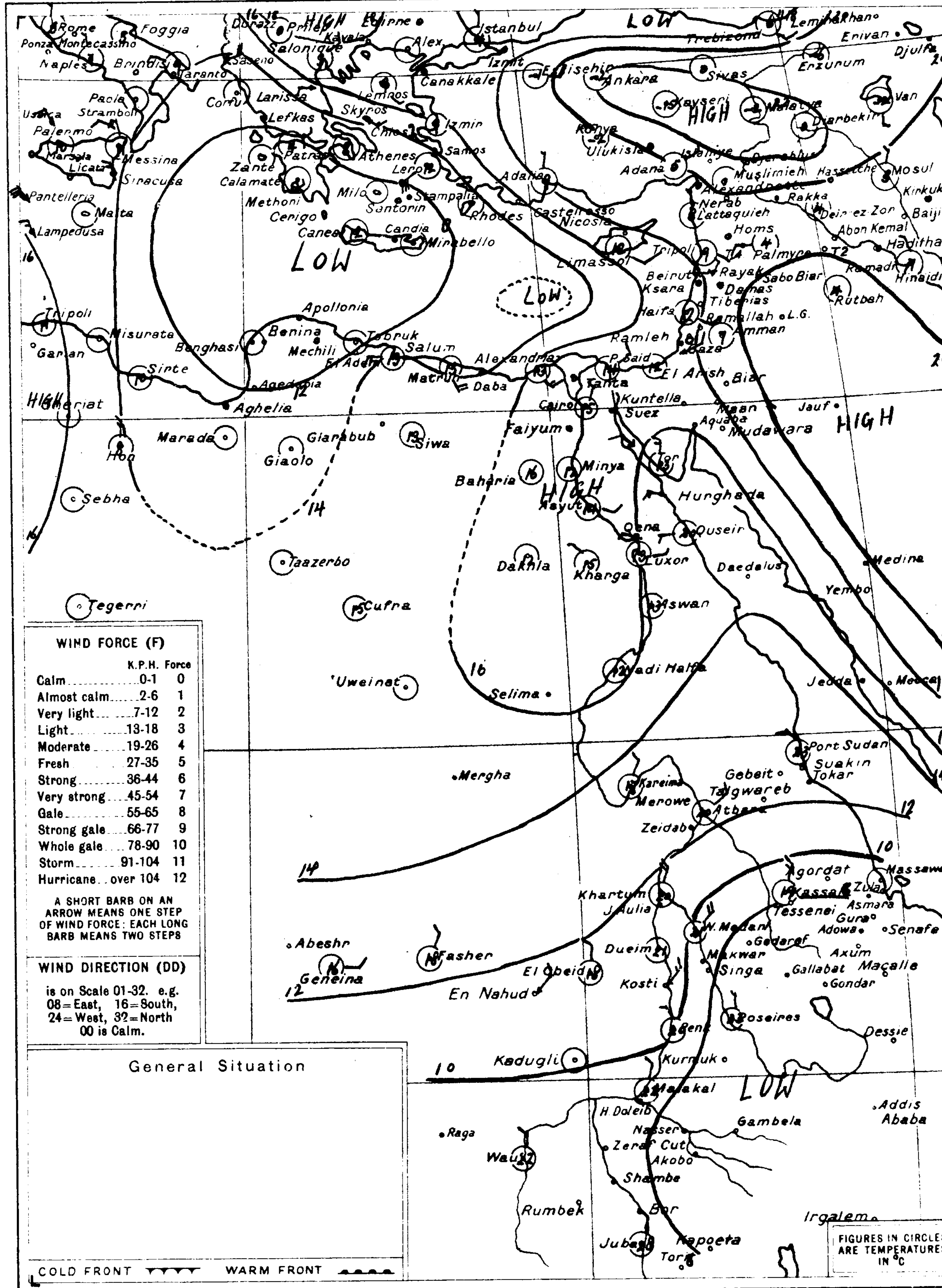
Gîza Grass minimum on 20th 7.2 °C

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

DATE	1939	1938
20-2	1158	889
19-2	1215	890

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20-2	13.36	+0.06	13.36	+0.06
Nâṣṣer	19-2	5.67	+0.40	5.66	+0.42
Malakâl	20-2	10.88	+0.46	10.92	+0.48
Roṣeires	20-2	12.23	+0.59	12.25	+0.60
Sennâr Res.	18-2	20.35	—	20.38	—
J. Aulia U.S	20-2	374.94	—	374.92	—
J. Aulia D.S	20-2	371.69	+0.42	371.80	+0.51
Khartûm	20-2	10.76	+0.41	10.86	+0.50
Kh. el Girba	—	—	—	—	—
'Atbara	20-2	10.72	+0.48	10.76	+0.51
Kajnarti	20-2	133.65	+0.84	133.61	+0.77
Aswân Res.	20-2	120.92	—	120.90	—
Aswân D.S.	20-2	86.26	+0.24	86.36	+0.32
Rôda (Cairo)	20-2	15.88	+0.30	15.91	+0.34

٢٠-٢-٣٩ Isobars, Wind and Temperature at 8 h. 20-2-39



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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

STATION محطة	At 8 h. on 20-2-39: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	60	5	10	2	4	6	—	16.8	+1.3	13	—	—	—	—	—	Rain	435	359
Haifa	02	—	10	1	—	5	—	17.9	+3.1	12.1	17	-2	10	+1	65	0	475	574
Gaza	02	7	06	2	4	4	As	18.7	+3.0	12	—	—	8	0	75	—	—	319
Gaza 19th	01	8	14	2	4	3	Cu	20.3	+4.5	11	—	—	9	+1	75	—	—	316
SHIPS سفن																		

الساعة ٨ يوم ٢٠-٢-٣٩

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 29 m
" " Sunset 17 h 48 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1939 شهر فبراير ١٩٣٩

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

STATION	14h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
Mediterranean																													
[illegible]	03	7	00	0	2	8	As	14.2	16.3	65	02	6	26	4	6	5	Cb	13.4	-4.2	10.4	17	—	10	—	93	1	75	—	130
MATRÛH	03	6	16	3	5	8	Cb	—	18.7	65	50	6	24	1	5	8	Cb	—	—	11.8	20	+2	11	+2	78	2	96	135	131
DIKHEILA	03	8	12	4	6	8	Ns	14.8	19.0	58	52	6	20	3	5	8	As	11.2	—	13.7	19	—	12	—	82	dr	73	—	150
ALEXANDRIA	03	8	10	3	6	8	As	14.0	17.2	73	03	7	20	4	5	8	As	10.2	-7.2	13.8	18	-2	12	+1	86	1	148	163	132
DAMIETTA											60	6	16	2	6	8	Ns	10.2	—	13.4	16	—	13	—	95	3	54	87	159
PORT SAÎD	03	6	04	1	3	6	Cu	16.0	16.0	71	60	6	12	3	6	8	Cb	12.2	-3.6	12.2	17	-3	13	+1	94	4	42	60	134
EL 'ARÎSH	03	7	04	1	5	8	As	15.8	16.0	75	03	7	00	0	1	8	As	13.5	—	13.2	16	—	12	—	87	dr	101	66	135
DAMANHÛR											50	4	20	2	5	8	As	11.2	-5.3	13.4	17	-4	12	+5	86	1	19	80	136
[illegible]											21	3	14	1	2	5	Sc	11.5	—	13.6	16	-5	12	+5	89	2	29	38	137
[illegible]	03	6	24	3	2	8	Ns	17.6	18.6	65	03	6	18	1	2	8	Ns	12.2	-4.9	13.8	20	-1	—	—	92	1	24	29	138
[illegible]	03	7	02	1	2	8	Sc	15.1	18.4	62	03	7	14	1	2	8	Sc	12.2	—	15.4	19	-3	12	+5	94	1	17	20	139
Middle Egypt																													
Cairo ALMÂZA	03	8	06	3	2	6	As	14.7	23.0	27	52	6	18	3	6	8	As	13.0	—	15.2	23	—	14	—	80	1	4	—	141
Cairo EZBEKÎYA	03	8	04	3	5	8	As	14.2	23.8	35	60	5	20	3	8	8	Cb	12.2	-5.7	15.0	24	+2	14	+5	91	1	7	18	—
Cairo GÎZA	02	7	30	2	5	5	Cs	14.7	22.0	43	50	5	16	1	5	8	Ns	12.4	-6.0	14.6	23	+2	14	+8	93	1	7	18	—
HELWÂN	03	9	08	2	2	6	Cc	13.5	22.6	31	60	5	12	2	6	8	Ns	12.8	-5.1	14.5	24	+3	14	+5	86	1	12	19	143
SUEZ	02	9	02	1	1	5	Ac	15.0	19.2	42	50	6	12	1	2	8	Cb	13.0	-4.6	15.2	21	0	12	+1	85	3	17	12	144
Upper Egypt																													
FAIYÛM	01	7	02	1	1	4	Cu	14.2	23.1	31	03	5	00	0	2	8	Cb	13.5	-4.6	15.0	24	+2	14	+7	85	dr	dr	6	153
MINYA	01	8	30	2	1	3	Ac	14.0	22.8	38	03	5	32	1	2	8	Cs	12.8	-5.2	15.0	24	+2	12	+4	68	0	4	—	154
ASYÛT	01	8	30	3	1	3	As	13.9	23.2	40	13	8	22	3	2	8	As	13.0	-5.6	16.0	25	+2	13	+5	49	0	2	4	155
QENA	01	8	26	1	1	3	Ac	13.8	25.8	36	03	8	30	2	2	7	Cu	12.7	-3.9	15.7	28	+2	13	+4	54	0	dr	—	156
LUXOR	02	7	30	2	1	4	Cu	13.4	26.4	26	03	6	14	2	2	8	Sc	12.2	—	13.1	28	—	10	—	68	0	dr	—	157
ASWÂN	00	7	32	1	0	0	—	11.2	28.4	17	00	7	32	1	0	0	—	11.2	-6.3	16.0	29	+2	12	+1	32	0	1	—	158
Western Desert																													
SÎWA	03	7	00	0	2	8	Sc	—	22.2	65	02	7	00	0	1	5	Cu	—	—	10.0	22	0	10	+4	74	5	5	6	148
BAHARÎYA	02	9	00	0	1	4	—	14.6	22.0	22	03	9	24	1	2	6	—	13.5	—	16.0	24	—	15	—	79	0	0	—	149
KHÂRGA	02	7	04	1	2	5	Cc	13.1	25.5	—	02	7	04	1	2	5	As	12.3	-5.5	17.4	27	+2	12	+5	36	0	dr	tr	151
DÂKHLA	02	8	00	0	2	5	As	14.0	27.0	23	03	6	00	0	2	8	As	14.2	-4.1	14.1	27	+2	11	+4	46	0	dr	—	152
Red Sea																													
TÔR	00	6	28	4	0	0	—	12.6	20.0	52	03	5	32	3	0	6	Ns	11.9	-4.7	20.5	21	-1	13	+3	64	0	19	11	145
HURGHÂDA																								—	146
QUSEIR	00	7	02	2	0	0	—	14.3	21.2	78	03	6	28	1	2	8	Sc	12.6	-3.1	21.0	23	0	16	+1	51	0	tr	6	147
PORT SUDAN	01	—	04	4	0	—	—	12	27	55	00	—	28	1	0	0	—	11.6	-2.7	24.0	27	0	18	-1	48	0	71	104	149
North Sudan																													
WÂDI HALFA	00	8	02	3	0	0	—	12.7	27	15	01	8	24	1	0	3	Cs	12.1	-5.3	14.1	29	+2	10	+1	18	—	—	—	165
KAREIMA	00	8	30	4	0	0	—	9.6	32	14	01	8	32	2	0	4	Ci	11.3	-3.8	17.8	33	+1	14	+1	36	0	0	1	166
'ATBARA	01	—	30	4	0	—	—	7	34	10	00	—	32	2	0	0	—	10.7	-2.8	19.8	34	+2	15	0	43	0	6	1	167
KHARTÛM	00	7	04	4	0	0	—	5.4	36	13	01	8	32	3	0	3	Cs	8.6	-4.2	20.6	36	+1	18	+1	27	0	dr	5	168
KASSALA	00	7	02	3	0	0	—	3.3	36	20	00	8	04	2	0	0	—	6.1	-4.9	21.8	36	0	16	-2	50	0	dr	11	170
Central Sudan																													
WAD MEDANI	01	—	32	4	0	—	—	3	36	10	00	—	06	3	0	0	—	8.3	-3.8	22.1	38	+2	14	-2	38	0	2	13	171
DUEIM	01	—	—	3	0	—	—	7	33	10	00	—	—	3	0	0	—	9.0	-3.0	23.6	37	+2	19	+4	34	0	14	12	173
RENK	00	7	28	1	0	0	—	3.2	36	32									—					—				—	182
ROSEIRES	01	—	30	1	0	—	—	1	39	10	00	—	02	1	0	0	—	4.8	-5.9	24.4	40	+3	17	0	38	0	27	38	172
EL OBEID	00	7	32	2	0	0	—	4.5	34	22	00	8	04	1	0	0	—	9.5	-4.8	21.6	34	+2	15	+3	43	0	8	19	174
EL FÂSHER	02	—	32	2	0	—	—	—	33	—	00	—	02	2	0	0	—	—	—	18.1	36	+4	14	+3	29	0	0	8	175
GENEINA	00	8	04	1	0	0	—	—	37	11	00	7	08	1	0	3	Ac	—	—	14.8	39	—	13	—	30	0	dr	—	179
KADUGLI																												—	187
S. Sudan																													
MALAKÂL	01	7	02	2	2	4	Ac	3.8	36	13	02	8	02	2	1	5	Ac	7.0	-3.2	23.0	37	0	20	+1	35	0	83	93	176
WÂU	01	—	28	2	0	—	—	4	35	10	01	—	32	1	0	4	—	5.9	-3.8	23.5	36	-1	20	+1	45	0	103	152	177
JÛBA	02	8	32	2	0	5	Cu	2.7	36	30	02	8	00	0	0	5	Ac	6.5	-3.4	24.9	38	0	21	0	61	0	234	146	178

UPPER WINDS

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

SALÛM 7 h.	MATRÛH	DIKHEILA 8 h.	CAIRO	HELWÂN 9 h.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 2 h.	KAREIMA 5 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 6 h.	JÛBA 6 h.	Matruh 20th 13 h.
[illegible]		02.26.25		02.18.20	05.03.25	02.01.15	03.05.10	06.04.25	06.05.30	06.05.15	07.01.35	06.02.55	06.12.05	02.21.20
[illegible]		04.27.15		05.21.30	10.09.05	05.14.20	06.09.25	10.04.10	10.03.35	15.03.35	10.03.45	10.03.60	10.13.10	05.31.10
[illegible]		06.29.05		08.22.45	15.22.10	10.11.25	10.12.25	15.03.05	15.36.35	20.03.25	15.05.20	15.03.40		07.18.05
15.28.25		09.24.16		ent. Ns	20.22.25	15.12.15	15.17.25	20.01.10	20.01.35	30.35.25	20.32.15			10.22.10
20.29.40		10.23.20				20.20.25	20.27.25		30.35.35	40.02.20				15.28.15
25.29.20		13.24.40					30.30.55		40.32.15					20.28.25
ent. Cu							35.29.65		50.34.15					

Forecast for 24 hours from noon on 21st
Moderate southerly winds, veering to south-west or west and freshening.
Overcast today; much low cloud tomorrow.
Further rain throughout Lower Egypt today; occasional scattered showers tomorrow.
Slightly cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢١
رياح معتدلة جنوبية ثم تصير جنوبية غربية أو غربية وتشتد نوعا - يحجب السحاب السماء اليوم وكذلك يكثر السحاب المنخفض باكر - يتساقط مطر آخر في مصر السفلى عموما اليوم وكذلك يتساقط في جهات متفرقة احيانا باكر -
تهبط درجة الحرارة قليلا .

STATION	Humidity % on 20th	Diff. from normal	Wet Bulb Temp. °C on 20th	Diff. from normal
Alexandria	70	+6	13.0	+1.4
Ezbekîya	48	-14	13.2	+2.0
Gîza	59	-5	13.1	+2.5
Helwân	33	-18	11.8	+2.1

Gîza Grass minimum on 21st 8.2 °C

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

DATE	1939	1938
21.2	1159	893
20.2	1158	889

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20.2	13.36	+0.06	13.36	+0.06
Nâsser	19.2	5.62	+0.40	5.66	+0.42
Malakâl	21.2	10.84	+0.43	10.88	+0.46
Roseires	21.2	12.22	+0.58	12.23	+0.59
Sennâr Res.	18.2	20.35	—	20.38	—
J. Aulia U.S	20.2	374.94	—	374.92	—
J. Aulia D.S	20.2	371.69	+0.42	371.80	+0.51
Khartûm	21.2	10.68	+0.33	10.76	+0.41
Kh. el Girba					
'Atbara	20.2	10.72	+0.48	10.76	+0.51
Kajnarti	20.2	133.65	+0.84	133.61	+0.77
Aswân Res.	21.2	120.94	—	120.92	—
Aswân D.S.	21.2	86.25	+0.24	86.26	+0.24
Rôda (Cairo)	21.2	15.91	+0.33	15.88	+0.30

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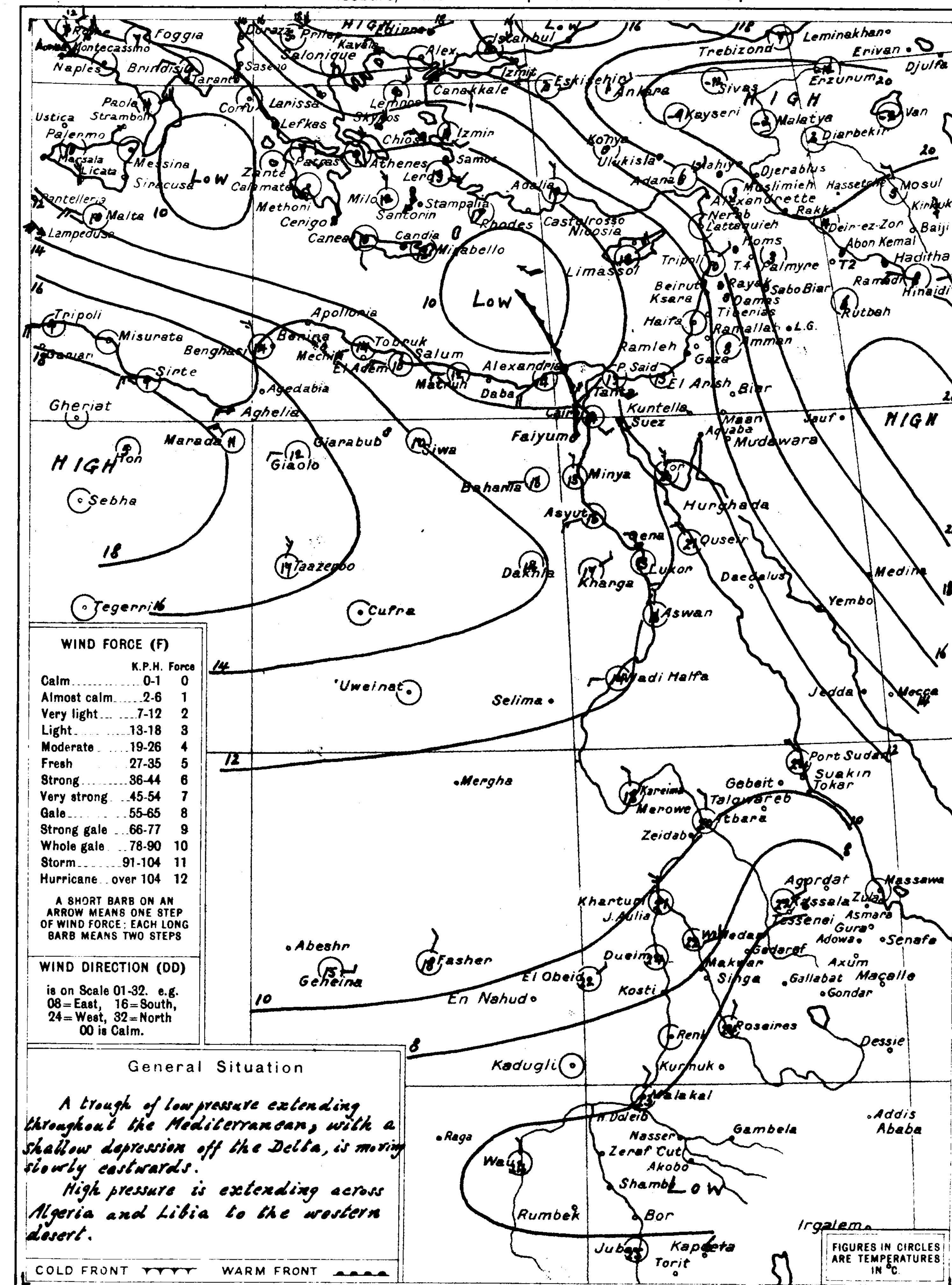
٢١-٢-٣٩ Isobars, Wind and Temperature at 8 h. 21-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

A trough of low pressure extending throughout the Mediterranean, with a shallow depression off the Delta, is moving slowly eastwards.
High pressure is extending across Algeria and Libia to the western desert.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 21-2-39 الساعة ٨ يوم ٢١-٢-٣٩

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	03	5	04	5	2	8	—	12.7	-2.8	13	—	—	—	—	—	13	448	362

SHIPS سفن: 33345 29206 12403 08760 62308 12081

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h 06 m 28
" " Sunset h 17 m 49

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1939 ١٩٣٩ شهر فبراير

At 14 h. on 21st — الساعة ١٤ يوم ٢١ | At 8 h. on WEDNESDAY 22nd — الساعة ٨ يوم الأربعاء ٢٢

Region	STATION	21st 14h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU	22nd 8h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff. from norm. °C	Min Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALUM	02	8	26	5	1	5	Cb	12.2	17.6	47	00	6	26	5	0	0	—	14.4	-3.1	7.7	19	—	7	—	90	0	75	—	130
	MATRUH	01	7	26	4	5	4	Ac	10.2	16.5	79	01	7	22	3	0	2	Ac	—	—	11.3	17	-2	10	+1	82	0	96	136	131
	DIKHEILA	62	7	28	5	6	6	Cb	8.4	14.2	82	01	8	22	6	2	4	Cb	12.6	—	16.0	16	—	12	—	69	2	75	—	150
	ALEXANDRIA	03	9	26	4	6	6	Cu	9.0	14.6	84	02	9	26	6	6	4	Cu	11.2	-6.2	15.8	17	-3	13	+2	67	4	152	164	132
	DAMIETTA											01	8	22	3	1	3	Cu	10.2	—	13.2	15	—	10	—	87	7	61	88	159
	PORT SAÏD	66	7	04	2	6	8	Ns	7.9	15.7	98	00	8	20	4	1	0	—	11.1	-4.7	13.2	16	-4	11	-1	89	7	49	60	134
	EL 'ARISH											01	7	20	2	2	4	Cu	11.1	—	12.6	16	—	10	—	85	3	104	67	135
LOWER EGYPT	DAMANHÛR											02	5	20	3	2	5	Ac	12.0	-4.4	12.1	15	-6	10	+3	96	3	22	81	136
	MANSURA											01	7	18	2	1	3	Sc	11.2	—	12.5	16	-5	9	+2	89	7	36	38	137
	TANTA	60	6	20	1	6	8	Ns	9.5	15.1	99	00	8	18	2	0	0	—	12.0	-5.1	11.0	17	-4	8	0	95	7	31	30	138
	ZAGÂZIG	03	7	20	9	2	8	Sc	9.0	16.9	90	01	7	20	3	1	2	As	12.3	—	12.9	17	-5	8	+1	86	9	26	21	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	62	5	18	5	6	8	Ns	10.6	16.0	81	01	7	18	2	1	2	Sc	13.4	—	12.0	16	—	9	—	75	6	10	—	141
	EZBEKÎYA	50	5	22	2	6	8	Ns	10.0	16.2	88	01	5	16	3	1	3	Cu	13.0	-4.8	11.0	20	-2	9	0	90	5	12	18	—
	GÎZA	50	6	18	1	5	8	Ns	10.0	16.1	91	05	5	14	2	1	5	Sc	13.3	-5.1	11.7	16	-5	9	+3	88	4	11	18	—
	HELWÂN	60	8	20	3	6	8	Cb	10.7	15.5	86	09	6	14	2	1	4	Ac	13.8	-4.0	10.0	20	-1	9	0	91	7	19	19	143
	SUEZ	21	7	16	1	5	8	Cb	9.8	17.0	85	00	6	00	0	0	0	—	12.0	-5.6	16.1	18	-3	12	+1	59	2	19	12	144
UPPER EGYPT	FAIYUM	03	6	22	3	5	8	Ns	11.4	16.3	84	00	7	20	1	0	0	—	13.9	-4.1	11.2	20	-3	8	+1	77	tr	tr	6	153
	MINYA	03	7	28	3	2	7	Ac	10.7	23.3	45	00	6	32	1	0	0	—	14.6	-3.3	13.0	24	+2	9	+1	75	0	4	—	154
	ASYUT	02	8	22	4	1	5	As	10.4	24.6	40	00	6	22	3	0	0	—	15.5	-3.0	12.3	25	+2	9	+1	87	0	2	4	155
	QENA	03	8	26	1	2	7	Cu	9.5	24.0	48	02	8	28	2	2	5	As	14.0	-2.5	16.8	27	0	11	+2	60	0	dr	—	156
	LUXOR	03	6	08	2	2	8	Cu	9.1	24.9	54	02	7	30	4	1	5	Ac	13.6	—	16.5	26	—	11	—	69	0	dr	—	157
	ASWÂN	01	7	28	1	1	3	Ci	6.8	30.3	21	02	7	32	3	1	5	Cu	12.8	-4.6	18.0	33	+6	16	+5	53	0	1	—	158
WESTERN DESERT	SÎWA	01	7	26	1	1	4	Cu	—	19.4	56	00	7	00	0	0	0	—	—	—	11.8	20	-2	9	+3	75	0	5	6	148
	BAHARÎYA	03	9	24	1	2	6	—	13.3	15.5	89	00	9	20	2	0	0	—	15.2	—	12.0	19	—	9	—	76	0	0	—	149
	KHARGA	02	7	04	3	1	4	Ac	9.6	25.2	27	00	8	04	2	0	0	—	16.3	-1.4	14.2	27	+2	12	+5	62	0	dr	tr	151
	DAKHLA	02	7	30	2	2	5	As	10.7	25.0	28	02	5	28	2	1	4	Ci	16.4	-1.9	12.0	26	+1	9	+2	80	0	dr	—	152
RED SEA	TOR	00	6	28	3	0	0	—	8.3	23.6	62	01	6	28	4	0	2	Cu	11.8	-4.8	17.3	24	+2	14	+4	68	0	19	11	145
	HURGHÂDA											07	9	30	4	1	4	Ci	—	—	18.2	25	+2	15	+5	50	0	1	—	146
	QUSEIR	03	6	32	2	2	8	Sc	11.4	23.9	67	01	7	30	3	1	4	Ac	11.8	-3.8	19.1	25	+2	15	0	73	0	tr	6	147
	PORT SUDAN	01	—	08	3	0	—	—	8	27	55	03	—	20	1	2	7	—	9.3	-4.9	26.2	28	+1	20	+1	61	0	71	104	169
NORTH SUDAN	WÂDI HALFA	03	8	32	1	1	6	—	8.5	29	20	00	7	02	3	1	0	—	12.4	-4.9	17.4	32	+4	15	+6	70	—	—	—	165
	KAREIMA	00	8	02	2	0	0	—	4.7	37	18	00	8	30	2	0	0	—	9.5	-5.5	21.0	38	+6	14	0	27	0	0	1	166
	'ATBARA	01	—	04	2	0	—	—	4	38	—	00	—	32	3	0	0	—	6.6	-6.8	24.0	38	+6	18	+3	19	0	6	1	167
	KHARTÛM	02	7	02	4	1	5	—	4.0	38	14	00	8	02	3	0	0	—	6.9	-5.8	21.7	40	+5	19	+2	29	0	dr	5	168
	KASSALA	00	8	04	4	0	0	—	0.7	37	17	00	8	02	3	0	0	—	4.8	-6.1	26.0	38	+2	16	-2	48	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	02	5	0	—	—	2	36	25	00	—	32	3	0	0	—	6.6	-5.4	21.9	39	+3	12	-4	39	0	2	13	171
	DUEIM	01	—	—	3	0	—	—	5	34	25	00	—	—	3	0	0	—	8.7	-3.2	22.2	35	0	19	+4	39	0	14	12	173
	RENK	01	7	28	1	1	3	Ac	4.8	37	18	00	7	28	1	0	0	—	6.2	—	22	39	—	—	—	36	0	—	—	182
	ROSEIRES	01	—	04	3	0	—	—	1	40	25	00	—	18	1	0	0	—	2.6	-8.0	24.8	41	+3	19	+2	39	0	27	38	172
	EL OBEID	00	8	06	3	0	0	—	2.6	35	32	00	8	00	0	0	0	—	7.5	-6.7	21.0	36	+4	17	+5	49	0	8	19	174
	EL FÂSHER	01	—	02	2	0	—	—	—	38	10	00	—	32	2	0	0	—	—	—	19.8	38	+6	13	+2	32	0	0	8	175
	GENEINA	02	8	08	2	1	5	Ac	—	38	20	17	6	04	1	0	5	Ac	—	—	15.1	39	—	13	—	39	0	dr	—	179
	KADUGLI	01	9	16	4	1	4	Cu	4.3	37	18	18	4	28	4	1	0	—	6.4	—	20	39	—	16	—	30	0	—	—	187
S. SUDAN	MALAKÂL	01	8	02	3	1	3	Ac	1.8	38	14	03	8	04	3	2	7	Ac,As	4.2	-6.0	25.7	39	+2	21	+2	26	0	83	93	176
	WAU	02	—	08	2	0	—	—	2	37	10	03	—	12	1	0	7	—	4.7	-5.0	22.6	38	+1	20	+1	56	0	103	152	177
	JÛBA	01	8	02	2	0	4	Cu	0.2	39	29	02	8	00	0	0	6	Sc	6.4	-3.5	26.9	39	+1	23	+2	63	0	234	147	178

UPPER WINDS — الرياح العليا 22nd

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

SALÛM 7h.	MATRÛH 7h.	DIKHEILA 9h.	CAIRO 8h.30m.	HELWÂN 8h.30m.	ASYÛT 7h.	ASWÂN 7h.	WÂDI HALFA 5h.	KAREIMA 5h.	KHARTÛM 6h.	KASSALA 6h.	EL OBEID 6h.	MALAKÂL 6h.	JÛBA 6h.	Salum 21st 13h.
[illegible]7.30	02.28.70	03.27.40	02.24.20	02.17.20	05.33.35	02.36.30	03.03.30	06.04.25	06.02.45	06.03.25	07.02.34	06.02.55	06.02.05	02.29.30
[illegible].—	05.28.55	05.28.40	05.29.35	05.23.15	10.33.35	05.02.30	06.03.55	10.04.10	10.02.40	10.04.10	10.03.50	10.03.55	10.04.05	05.50.—
[illegible].30	10.28.65	08.29.60	10.29.45	08.28.40	15.33.35	10.01.35	10.01.40	15.03.05	15.03.30	15.06.25	15.06.25	15.04.50	15.00.00	10.29.55
	12.28.25	10.30.60		10.29.45		15.33.35	15.01.40	20.01.10	20.02.35	20.05.25	20.06.10	20.05.35		15.27.30
				12.29.55		20.20.40	20.27.35		30.34.25	30.03.30		30.06.25		20.29.40
				ent. Cu			30.27.55		40.31.20			40.05.30		ent. Cu
							33.26.75		50.29.20			45.06.20		
									56.33.35					

Forecast for 24 hours from noon on 22nd
On the coast fresh westerly winds, strong at times.
Inland moderate to fresh winds between south and west.
Some low cloud.
Temperature remaining slightly below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٢
على السواحل رياح غربية نسيمية وتكون قوية شديدة احيانا
وفي الداخل رياح بين المعتدلة والنسيمية وبين جنوبية وغربية.
يظهر بعض السحاب المنخفض
وتستمر درجة الحرارة دون المعدل قليلا

STATION	Mean of day Humidity % on 21st	Diff. from normal	Wet Bulb Temp. °C on 21st	Diff. from normal
Alexandria	75	+11	12.8	+1.2
Ezbekîya	84	+24	13.8	+2.6
Gîza	86	+22	13.5	+2.8
Helwân	83	+33	13.0	+3.2

Gîza Grass minimum on 22nd 6.6 °C

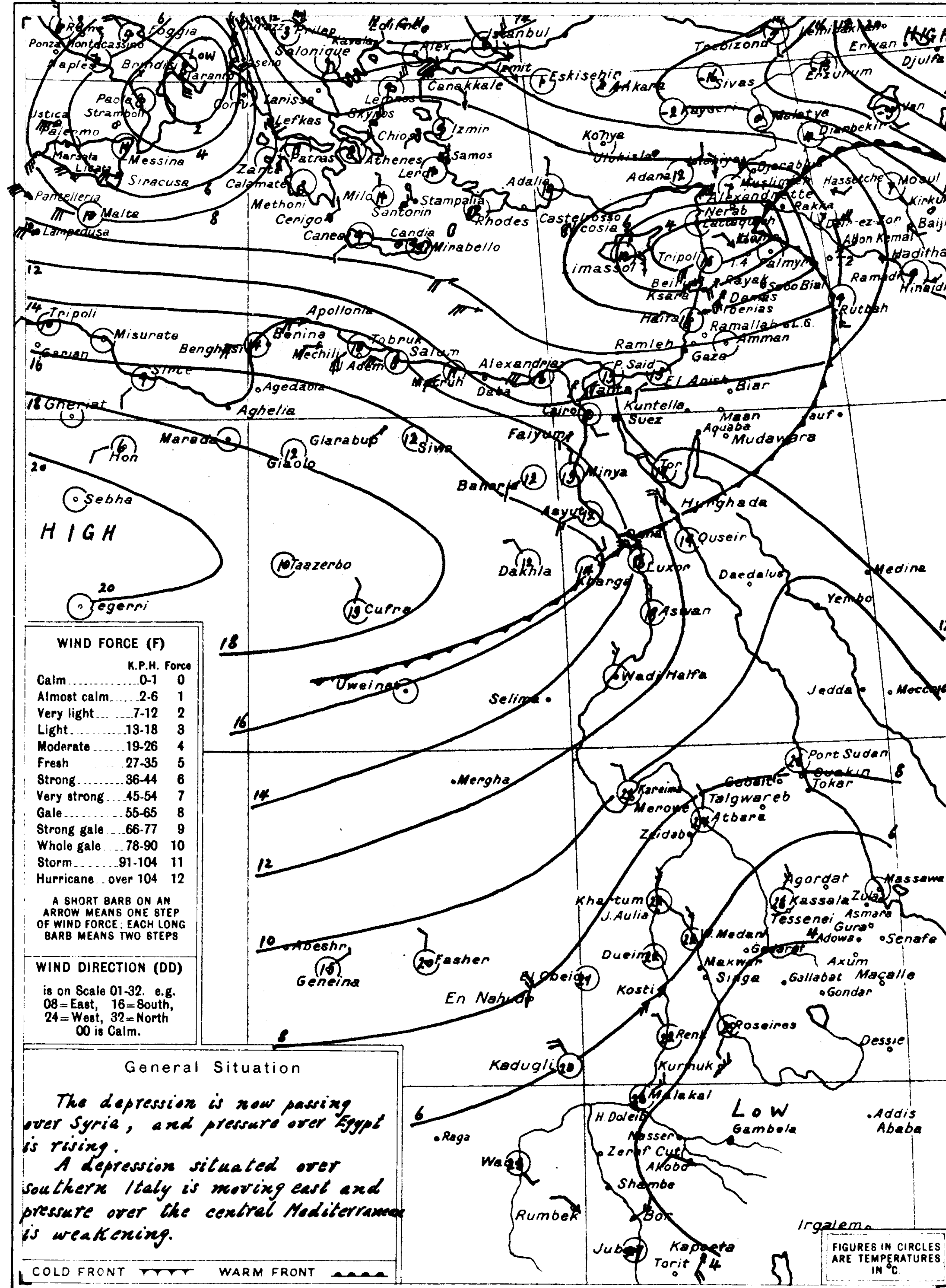
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
22.2	1158	889
21.2	1159	893

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21.2	13.36	+0.07	13.36	+0.06
Nâsser	21.2	5.60	+0.42	5.61	+0.41
Malakâl	22.2	10.80	+0.40	10.84	+0.43
Roseires	22.2	12.22	+0.59	12.22	+0.58
Sennâr Res.	21.2	20.25	—	20.28	—
J. Aulia U.S	21.2	375.00	—	374.94	—
J. Aulia D.S	21.2	371.55	+0.29	371.69	+0.42
Khartûm	21.2	10.68	+0.33	10.76	+0.41
Kh. el Girba					
'Atbara	21.2	10.68	+0.45	10.72	+0.48
Kajnarti	21.2	133.68	+0.90	133.65	+0.84
Aswân Res.	22.2	120.92	—	120.94	
Aswân D.S.	22.2	86.26	+0.26	86.25	+0.24
Rôda (Cairo)	22.2	15.93	+0.34	15.91	+0.33

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 22-2-39 — ٢٢-٢-٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

The depression is now passing over Syria, and pressure over Egypt is rising.
A depression situated over Southern Italy is moving east and pressure over the central Mediterranean is weakening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 22nd — الساعة ٨ يوم ٢٢

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff. from norm. °C	Min Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	03	6	02	2	2	6	—	7.4	-8.0	12	—	—	—	—	—	22	470	364
Haifa	02	—	26	2	—	5	—	8.7	-6.0	15.9	15	-5	11	+2	67	22	497	580
Hurghada 21st	02	8	28	3	2	6	As	12.0	-4.1	22.0	24	+1	17	+7	32	0	1	—
Haifa 21st	03	—	26	1	—	8	—	13.8	-1.0	12.8	17	-2	11	+2	64	0	475	577
Gaza 21st	03	5	12	3	5	8	—	15.0	-0.7	12	—	—	11	+3	85	Rain	—	321

SHIPS سفن
43343 33606 32501 06857 62187 7202X
43333 27706 26501 10760 61683 33000

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 27 m
" " Sunset 17 h 49 m

Month **FEBRUARY**, 1939 — ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 22nd (الساعة ١٤ يوم ٢٢) — At 8 h. on THURSDAY 23rd (الساعة ٨ يوم الخميس ٢٣)

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN [illegible]	02	8	24	5	1	5	Cu	13.6	18.9	37	00	7	26	4	0	0	—	15.8	-1.7	7.9	19	—	6	—	79	0	75	—	130
[illegible]UH	01	7	28	5	1	4	Ac	13.6	16.0	75	01	7	22	3	0	2	Ac	—	—	10.0	17	-2	8	-1	75	0	96	137	131
DIKHEILA	01	8	24	5	5	2	Cu	12.8	18.0	50	00	8	20	4	0	0	—	15.4	—	11.7	18	—	9	—	64	dr	75	—	150
ALEXANDRIA	01	9	24	6	5	3	Cu	12.2	16.8	59	00	9	20	3	0	0	—	14.6	-2.7	12.7	17	-3	11	0	66	1	153	165	132
DAMIETTA											00	7	20	3	0	0	—	14.8	—	12.0	17	—	7	—	75	dr	61	88	159
PORT SAÏD	02	7	28	4	2	5	Sc	11.5	17.3	70	00	6	20	3	0	0	—	15.4	-0.3	12.2	19	-1	10	-2	87	0	49	60	134
EL 'ARISH	01	7	26	3	1	3	Cu	12.2	18.2	59	00	7	00	0	0	0	—	15.6	—	13.2	18	—	7	—	85	0	104	68	135
DAMANHÛR											00	6	20	3	1	0	—	15.5	-0.9	11.0	17	-4	9	+2	83	2	24	82	136
[illegible]A											00	8	18	2	0	0	—	15.0	—	—	19	-2	7	0	86	4	40	39	137
[illegible]	02	7	24	4	1	5	Cu	12.3	17.0	74	00	8	18	1	0	0	—	16.0	-1.1	12.5	20	-1	7	-1	86	0	31	30	138
[illegible]	02	7	28	6	2	4	Cc	12.0	18.2	70	00	7	20	3	0	0	—	16.4	—	12.3	21	-1	6	-1	78	0	26	21	139
MIDDLE EGYPT — CAIRO ALMÂZA	02	8	24	3	2	5	Cu	12.8	20.0	34	01	8	16	2	1	1	Sc	16.4	—	13.0	20	—	9	—	59	0	10	—	141
CAIRO EZBEKIYA	02	8	28	3	1	4	Cu	12.4	20.3	36	01	6	14	3	1	3	Ac	16.3	-1.4	11.7	22	0	9	0	69	0	12	18	—
CAIRO GÎZA	02	7	26	4	2	5	Cu	12.3	20.9	46	01	6	14	4	1	3	Ac	16.6	-1.7	12.7	22	+1	7	+1	69	0	11	18	—
HELWÂN	02	8	24	4	1	4	Cu	12.3	17.9	38	05	6	12	2	0	3	Ac	17.0	-0.7	11.3	18	-3	9	0	64	0	19	19	143
SUEZ	02	9	26	3	1	5	Cu	12.2	20.0	41	00	7	12	2	0	0	—	15.9	-1.6	14.4	22	+1	9	-2	74	0	19	13	144
UPPER EGYPT — FAIYÛM	02	8	30	2	1	5	Cu	13.1	20.0	44	01	7	00	0	0	3	Cu	17.4	-0.6	12.3	22	-1	7	0	58	0	tr	7	153
MINYA	02	8	30	3	1	4	Cu	12.8	22.0	35	00	5	24	1	0	0	—	17.6	-0.3	12.3	23	0	9	+1	65	0	4	—	154
ASYÛT	02	8	22	3	1	5	As	13.5	21.2	37	00	7	22	3	0	0	—	18.3	-0.1	12.0	22	-2	8	0	57	0	2	4	155
QENA	02	8	26	3	1	4	Ac	12.2	24.4	32	00	8	26	2	0	0	—	17.5	+1.1	13.8	26	-1	11	+2	66	0	dr	—	156
LUXOR	03	7	26	3	2	6	Cu	12.2	22.9	43	00	7	14	2	0	0	—	16.4	—	15.1	25	—	7	—	62	0	dr	—	157
ASWÂN	01	7	30	3	1	3	Cu	10.0	24.0	20	02	7	32	1	1	5	Ci	15.2	-2.1	13.5	25	-2	12	0	51	0	1	—	158
WESTERN DESERT — SÎWA	02	7	26	3	1	5	Cs	—	19.1	44	00	8	22	1	0	0	—	16.4	-1.4	10.4	20	-3	—	—	74	0	5	6	148
BAHARÎYA	00	9	00	0	0	0	—	15.9	19.0	38	00	9	00	0	0	0	—	18.2	—	11.0	19	—	6	—	63	0	0	—	149
KHÂRGA	00	8	04	3	0	0	—	13.4	24.4	31	00	8	00	0	0	0	—	17.9	+0.3	13.6	24	-1	7	0	46	0	dr	tr	151
DÂKHLA	01	7	30	5	1	4	Ci	14.4	20.2	45	01	6	00	0	1	1	Ci	19.0	+0.8	8.0	21	-4	—	—	65	0	dr	—	152
RED SEA — TOR	00	6	28	4	0	0	—	10.8	22.2	51	00	6	32	2	0	1	Cu	15.6	-0.9	13.5	22	0	9	-1	66	0	19	12	145
HURGHADA											01	9	26	3	0	3	Cu	15.6	-0.4	18.1	22	-1	10	0	44	0	1	—	146
QUSEIR	01	7	32	3	1	4	Ac	10.8	21.4	57	01	7	32	3	0	1	Ci	15.1	-0.5	18.9	22	-1	14	-1	61	0	tr	6	147
PORT SUDAN	02	—	06	3	0	—	—	7	29	65	03	—	28	3	2	7	—	11.5	-2.7	24.3	30	+3	23	+4	72	0	71	104	1 9
NORTH SUDAN — WÂDI HALFA	00	8	30	2	0	0	—	8.5	30	15	00	8	32	2	0	0	—	16.3	-0.9	15.1	32?	+4	14	+4	49	—	—	—	165
KAREIMA	00	8	32	1	0	0	—	5.9	35	12	00	8	32	4	0	0	—	12.4	-2.5	19.2	36	+4	18	+4	38	0	0	1	166
'ATBARA	01	—	28	3	0	—	—	3	38	10	00	—	28	4	0	0	—	10.0	-3.4	22.6	38	+5	19	+4	49	0	6	1	167
KHARTÛM	00	8	04	2	0	0	—	3.7	37	19	18	7	30	4	0	0	—	8.5	-4.1	22.0	41	+6	20	+3	31	0	dr	5	168
KASSALA	00	7	08	3	0	0	—	0.4	38	16	00	8	04	2	0	0	—	5.2	-5.6	25.6	39	+3	19	+1	48	0	dr	11	170
WAD MEDANI	01	—	02	4	0	—	—	—	40	10	00	—	02	4	0	0	—	7.1	-4.8	23.5	41	+5	17	+1	19	0	2	13	171
DUEIM	01	—	02	4	0	—	—	3	36	45	00	—	—	3	0	0	—	7.2	-4.6	23.4	37	+1	20	+5	30	0	14	12	173
RENK	00	8	28	1	0	0	—	99.6	40	12									—			—		—					182
ROSEIRES	02	—	22	1	0	—	—	98	42	10	00	—	18	1	0	0	—	3.8	-6.7	25.9	43	+5	18	0	37	0	27	38	172
EL OBEID	00	8	06	2	0	0	—	1.7	36	24	00	8	30	2	0	0	—	8.9	-5.3	20.6	38	+5	18	+6	27	0	8	19	174
EL FASHER	01	—	02	3	0	—	—	—	40	10	00	—	02	2	0	0	—	—	—	20.0	39	+6	15	+4	28	0	0	8	175
GENEINA	02	8	08	1	0	5	Ac	—	37	18	02	8	08	3	0	5	Ac	—	—	18.8	40	—	18	—	16	0	dr	—	179
KADUGLI	00	8	04	4	1	3	—	0.2	40	18																		—	187
MALAKAL	01	8	04	2	0	2	Ac	2.5	37	14	01	8	18	1	1	3	Ac	7.8	-2.3	23.2	40	+3	21	+2	58	0	83	93	176
WAU	03	—	06	3	1	—	—	2	34	10	01	—	16	1	0	4	—	6.7	-2.9	18.6	35	-2	15	-5	60	0	103	152	177
JUBA	02	8	04	2	0	5	Cu	1.6	38	31	00	8	00	0	0	0	—	7.2	-2.7	26.0	39	+1	22	+1	69	0	234	147	178

UPPER WINDS

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

Salum 7 h.	Matruh 7 h.	Dikheila 8 h.	Cairo 8 h 30 m.	Helwân 8 h 30 m.	Asyût 7 h.	Aswân 7 h.	Wâdi Halfa 5 h.	Kareima 5 h.	Khartûm 6 h.	Kassala 6 h.	El Obeid 6 h.	Malakâl 6 h.	Juba 6 h.	Salum 22nd 13 h.
02.29.25	02.26.45	02.26.45	02.20.20	02.16.15	05.35.15	02.01.15	03.03.30	06.36.30	06.36.40	06.03.15	07.01.40	06.23.10	06.10.05	02.27.30
[illegible].27.—	05.26.50	05.26.45	05.26.25	05.23.10	10.35.15	05.01.45	06.03.55	10.36.25	10.04.40	10.06.20	10.03.30	10.18.15	10.11.05	05.29.30
[illegible].40		10.26.35	10.27.25	08.26.25	15.32.15	10.02.35	10.01.30	15.35.20	15.02.25	15.03.30	15.05.15	15.36.05	15.00.00	10.28.35
[illegible].15		15.26.40	15.27.20	10.26.25		15.30.10	15.35.25	20.34.25	20.04.15	20.03.35	20.05.15	20.03.15		15.28.35
[illegible]		17.25.30	20.25.25	15.27.25		20.27.20	20.27.20		30.01.20	30.05.25		30.07.20		20.28.55
			ent. Cu	20.26.25			30.26.65		40.33.15	40.27.15		40.05.15		
				23.25.40			35.26.90		48.27.25	50.26.20		50.08.10		
				25.26.35								51.09.10		
				30.26.40										
				32.26.35										

Forecast for 24 hours from noon on 23rd
On the coast fresh westerly winds, strong at times.
Inland moderate southerly winds.
Some low cloud.
Rain near the coast probable tomorrow.
Remaining cool.

[illegible] الطقس المنتظر في ٢٤ ساعة من ظهر ٢٣
على الساحل رياح غربية نسيمية وكثيرا تكون شديدة احيانا
وفي الداخل رياح جنوبية معتدلة .
يظهر بعض السحاب المنخفض
يحتمل تساقط مطر بالقرب من الساحل باكر .
يستمر الطقس مائلا الى البرودة .

Mean of day

Station	Humidity % on 22nd	Diff. from normal	Wet Bulb Temp °C on 22nd	Diff. from normal
Alexandria	65	+1	12.6	+0.9
Ezbekiya	69	+9	11.3	0.0
Giza	74	+10	11.8	+1.1
Helwân	66	+16	10.2	+0.4

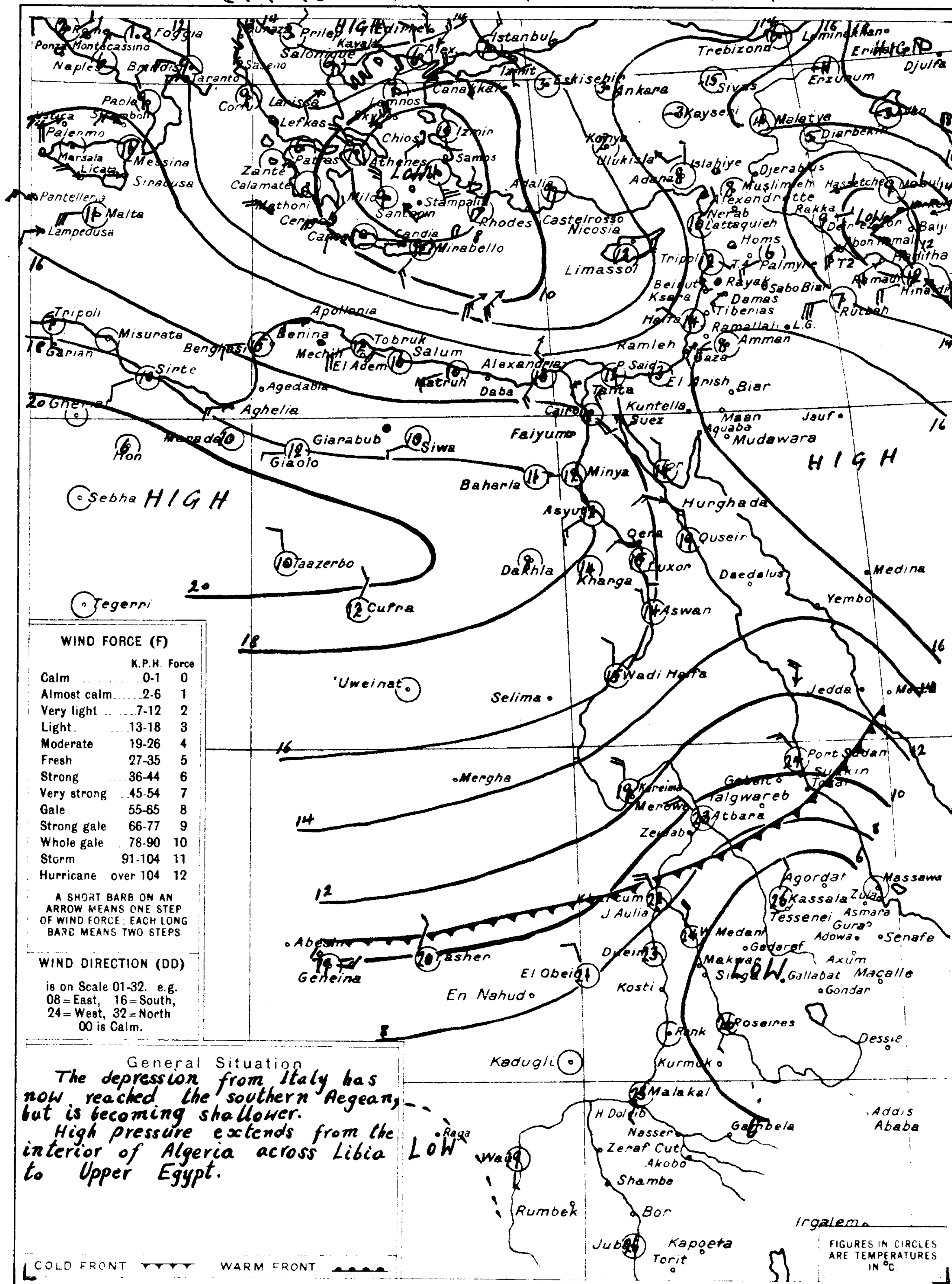
Giza Grass minimum on 23rd 3.0 °C

Discharges at Aswân measured by sluices m³ per sec

Date	1939	1938
23.2	1158	889
22.2	1158	889

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	23.2	13.37	+0.08	13.37	+0.08
Nasser	22.2	5.59	+0.43	5.60	+0.42
Malakal ×	23.2	10.77	+0.38	10.80	+0.40
Roseires	23.2	12.21	+0.59	12.22	+0.59
Sennâr Res	22.2	20.22	—	20.25	—
J. Aulia U.S	23.2	375.05	—	375.10	—
J. Aulia D.S	23.2	371.38	+0.14	371.40	+0.15
Khartûm	23.2	10.55	+0.22	10.60	+0.26
Kh. el Girba					
Atbara	23.2	10.58	+0.37	10.62	+0.40
Kajnarti	22.2	133.70	+0.94	133.68	+0.90
Aswân Res	23.2	120.96	—	120.92	—
Aswân D.S	23.2	86.25	+0.27	86.26	+0.26
Roda (Cairo)	23.2	15.93	+0.34	15.93	+0.34

Isobars, Wind and Temperature at 8 h. 23-2-39 (٢٣-٢-٣٩)



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation
The depression from Italy has now reached the southern Aegean, but is becoming shallower.
High pressure extends from the interior of Algeria across Libia to Upper Egypt.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

At 8 h. on 23rd (الساعة ٨ يوم ٢٣)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	20	6	06	2	6	3	—	11.5	-3.9	12	—	—	—	—	—	10	480	367
Haifa	02	—	26	1	—	4	—	14.6	-0.1	13.6	17	-3	10	+1	90	2	499	583
Gaza																		
Ships	53321		29906		17301			13962		31703		31502			24305			

Remarks
** Malakal river gauge readings for 10 & 11 Feb. 1939 published on 10-12 Feb. 1939 should read 11.38 & 11.31 m. instead of 11.31 & 11.26 m. respectively.*

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac

CAIRO
Time of Sunrise h. 06 m. 26
" " Sunset h. 17 m. 50 . Month *FEBRUARY* 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Region	STATION	At 14 h. on 23rd — ww Present weather	V Visibility	DD Wind Dir.	F Wind Force	W Past weather	N Cloud Amount	C Cloud Form	PPP Bar. press. M.S.L. 1000+ mbs.	TTT Temp. °C	UU % Humidity	At 8 h. on FRIDAY 24th — ww Present weather	V Visibility	DD Wind Dir.	F Wind Force	W Past weather	N Cloud Amount	C Cloud Form	PPP Bar. pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry bulb °C	MM Max. yesterday °C	Max. diff. from norm. °C	mm Min. today °C	Min. diff. from norm. °C	UU % Humidity	Rainfall past 24 hrs mms.	Rainfall total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station number
MEDITERRANEAN	SALUM	02	7	24	6	3	5	Cb	15.4	18.0	36	01	6	24	3	0	3	Cu	21.4	+3.9	8.0	19	—	6	—	92	dr.	75	—	130
	MATRUH	02	7	—	5	1	5	Ac	13.6	—	80	03	6	22	2	2	8	Sc	—	—	12.4	17	-2	9	0	83	0	96	138	131
	DIKHEILA	01	7	24	6	0	1	Cu	15.4	18.3	39	01	8	26	5	1	3	Cu	18.6	—	16.2	20	—	11	—	58	0	75	—	150
	ALEXANDRIA	00	9	24	6	0	0	—	14.7	17.3	44	01	9	26	4	1	3	Cu	18.2	+1.0	15.7	19	-1	11	0	59	0	153	166	132
	DAMIETTA											01	8	20	3	1	2	Ac	17.4	—	13.0	20	—	8	—	77	0	61	89	159
	PORT SAÏD	01	8	28	2	1	3	Cc	16.2	20.0	50	00	7	20	4	0	0	—	17.6	+1.9	14.5	21	+1	11	-1	62	0	49	61	134
	EL 'ARÎSH	01	7	28	2	1	3	Cu	16.2	18.9	57	01	7	20	2	1	2	Cu	17.5	—	14.8	20	—	12	—	52	0	104	68	135
LOWER EGYPT	DAMANHÛR											01	6	20	3	1	2	Cu	18.7	+2.3	11.2	17	-4	9	+2	90	0	24	82	136
	MANSÛRA											00	8	20	1	0	0	—	18.0	—	11.5	21	0	7	-1	82	0	40	39	137
	TANTA	00	8	20	5	0	0	—	15.1	20.3	38	00	8	24	1	0	0	—	19.0	+1.9	15.0	21	0	6	-2	82	0	31	30	138
	ZAGÂZIG	02	7	20	6	1	4	Cc	15.5	21.8	36	02	7	20	2	1	4	Cc	19.2	—	12.4	22	0	6	-1	77	0	26	21	139
MIDDLE EGYPT (CAIRO)	ALMAZA	02	8	24	2	1	4	Sc	15.6	20.3	22	01	8	18	2	0	2	St	18.8	—	13.3	20	—	10	—	52	0	10	—	141
	EZBEKIYA	01	8	28	2	1	3	Cu	15.8	21.0	28	00	6	18	2	0	0	—	19.2	+1.5	11.8	22	0	9	0	58	0	12	18	—
	GÎZA	01	9	24	3	1	4	Cu	15.8	21.7	38	00	6	12	2	0	0	—	19.5	+1.3	11.3	23	+2	7	+1	66	0	11	18	—
	HELWÂN	01	9	22	3	0	4	Ac	15.6	19.0	30	00	7	00	0	0	0	—	19.5	+1.8	12.0	20	-1	9	0	49	0	19	19	143
	SUEZ	01	9	12	2	1	3	Cu	15.2	20.1	41	00	7	32	1	0	0	—	19.0	+1.6	11.4	22	+1	8	-3	73	0	19	13	144
UPPER EGYPT	FAIYÛM	01	8	22	2	1	4	Cu	16.4	21.9	28	01	7	00	0	0	2	Cu	19.4	+1.5	13.0	23	0	9	+1	50	0	tr.	7	153
	MINYA	01	7	28	3	1	2	Cu	16.6	20.0	31	00	6	28	1	0	0	—	20.0	+2.2	12.5	21	-2	7	-1	57	0	4	—	154
	ASYÛT	00	8	22	3	0	0	—	16.4	20.8	35	00	8	22	3	0	0	—	20.3	+2.0	11.1	21	-3	8	0	52	0	2	4	155
	QENA	00	8	26	2	0	0	—	15.1	22.2	39	00	8	28	1	0	0	—	18.8	+2.5	12.2	26	-1	8	-1	61	0	dr.	—	156
	LUXOR	00	7	30	3	0	0	—	14.7	23.2	35	00	7	10	2	0	0	—	18.4	—	14.9	25	—	9	—	61	0	dr.	—	157
	ASWÂN	00	7	30	2	0	0	—	12.7	23.1	20	00	7	02	1	0	0	—	17.5	+0.3	11.5	25	-3	10	-2	49	0	1	—	158
WESTERN DESERT	SÎWA	00	8	24	4	0	0	—	15.8	21.1	36	00	6	00	0	1	0	—	19.5	+1.7	8.8	22	-1	5	-1	81	0	5	6	148
	BAHARÎYA	00	9	00	0	0	0	—	17.2	20.0	32	00	9	00	0	0	0	—	19.9	—	13.0	21	—	7	—	50	0	0	—	149
	KHÂRGA	00	8	04	2	0	0	—	15.1	23.8	22	00	8	00	0	0	0	—	19.1	+1.6	13.5	24	-2	5?	-3	41	0	dr.	tr.	151
	DÂKHLA	05	7	08	1	0	0	—	17.5	18.0	37	00	6	00	0	1	0	—	21.4	+3.3	12.2	21	-5	8	+1	71	0	dr.	—	152
RED SEA	TOR	00	6	28	6	0	0	—	14.4	20.5	39	00	6	32	3	0	0	—	17.2	+0.8	18.0	22	0	12	+1	44	0	19	12	145
	HURGHÂDA											00	9	28	4	0	0	—	16.6	+0.7	18.4	22	-1	10	0	34	0	1	—	146
	QUSEIR	00	7	32	3	0	0	—	14.8	21.2	58	00	7	28	2	0	0	—	16.8	+1.3	18.4	22	-2	13	-2	57	0	tr.	6	147
	PORT SUDAN	02	—	04	2	0	—	—	4	27	65	00	—	28	2	0	0	—	14.0	-0.1	23.2	27	-1	19	0	58	0	71	104	1 9
NORTH SUDAN	WÂDI HALFA											01	8	02	2	1	4	Ac	18.0	+0.9	13.9	25	-3	12	+2	47	—	—	—	165
	KAREIMA											00	8	28	3	0	0	—	14.9	+0.1	17.6	32	0	11	-3	28	0	0	1	166
	'ATBARA	01	—	32	3	0	—	—	6	35	10	00	—	30	3	0	0	—	11.9	-1.4	22.2	35	+2	18	+3	32	0	6	1	167
	KHARTÛM											01	8	02	4	0	3	Cs	9.5	-3.0	22.5	38	+3	20	+3	31	0	dr.	5	168
	KASSALA											00	8	02	3	0	0	—	8.7	-2.1	23.5	39	+2	18	0	59	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	02	—	02	4	0	—	—	2	39	25	00	—	04	4	0	0	—	9.4	-2.4	24.1	39	+3	20	+4	24	0	2	13	171
	DUEIM	01	—	22	3	0	—	—	5	31	45	00	—	—	3	0	0	—	10.3	-1.5	23.4	38	+2	20	+5	39	0	14	12	173
	RENK																			—			—		—					182
	ROSEIRES	01	—	02	1	0	—	—	1	41	10	00	—	26	1	0	0	—	5.6	-4.9	23.1	43	+5	21	+3	31	0	27	38	172
	EL OBEID											00	8	30	1	0	0	—	11.7	-2.4	19.3	35	+2	17	+5	30	0	8	19	174
	EL FÂSHER	01	—	08	2	0	—	—	—	35	25	00	—	02	2	0	0	—	—	—	18.8	37	+4	16	+5	37	0	0	8	175
	GENEINA											01	8	08	3	1	4	Cs	—	—	19.2	38	—	17	—	30	0	dr.	—	179
	KADUGLI	01	7	04	4	1	1	Sc	2.4	37	34																			187
S. SUDAN	MALAKÂL											03	8	02	3	2	8	Ac, As	8.3	-1.7	28.0	39	+1	23	+3	20	0	83	93	176
	WÂU	01	—	32	1	0	—	—	3	36	25	60	—	16	4	6	—	—	10.9	+1.3	22.5	38	+1	18	-2	83	4	107	153	177
	JÛBA											01	8	00	0	0	4	Sc	8.5	-1.4	28.0	39	+1	23	+2	63	0	234	147	178

UPPER WINDS

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

SALÛM 7 h.	MATRÛH h. m.	DIKHEILA 8 h.	CAIRO h. m.	HELWÂN h. m.	ASYÛT h. m.	ASWÂN h. m.	WÂDI HALFA 5 h.	KAREIMA 7 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JÛBA 6 h.	Salum 23rd 13 h.
02.29.15		02.30.25					03.03.35	06.04.25	06.01.45	06.03.15	07.02.25	06.04.40	06.35.10	03.27.40
05.33.25		05.30.25					06.03.55	10.04.30	10.01.35	10.04.20	10.03.40	10.05.35	10.35.05	05.27.15
10.33.20		10.30.35					10.02.40	15.04.25	15.36.20	15.06.10	15.03.35	15.05.55		Ext. Cu.
15.31.35		Ext. Cu.					15.01.25	20.01.25	20.02.10	20.06.10	20.03.25	20.06.55		
20.31.35							20.28.25	30.35.35	30.34.25	30.04.25		30.07.25		
25.31.30							30.27.65		40.29.10	40.03.65		40.10.15		
29.30.35							36.28.90		50.31.10	50.01.40				
									60.32.15					
									63.30.15					

Forecast for 24 hours from noon on ...

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day — Humidity % on 23rd	Diff. from normal	Wet bulb temp °C on 23rd	Diff. from normal
Alexandria	61	-3	11.1	-0.6
Ezbekîya	52	-8	10.4	-0.9
Gîza	58	-6	11.1	+0.3
Helwân	46	-4	9.4	-0.4

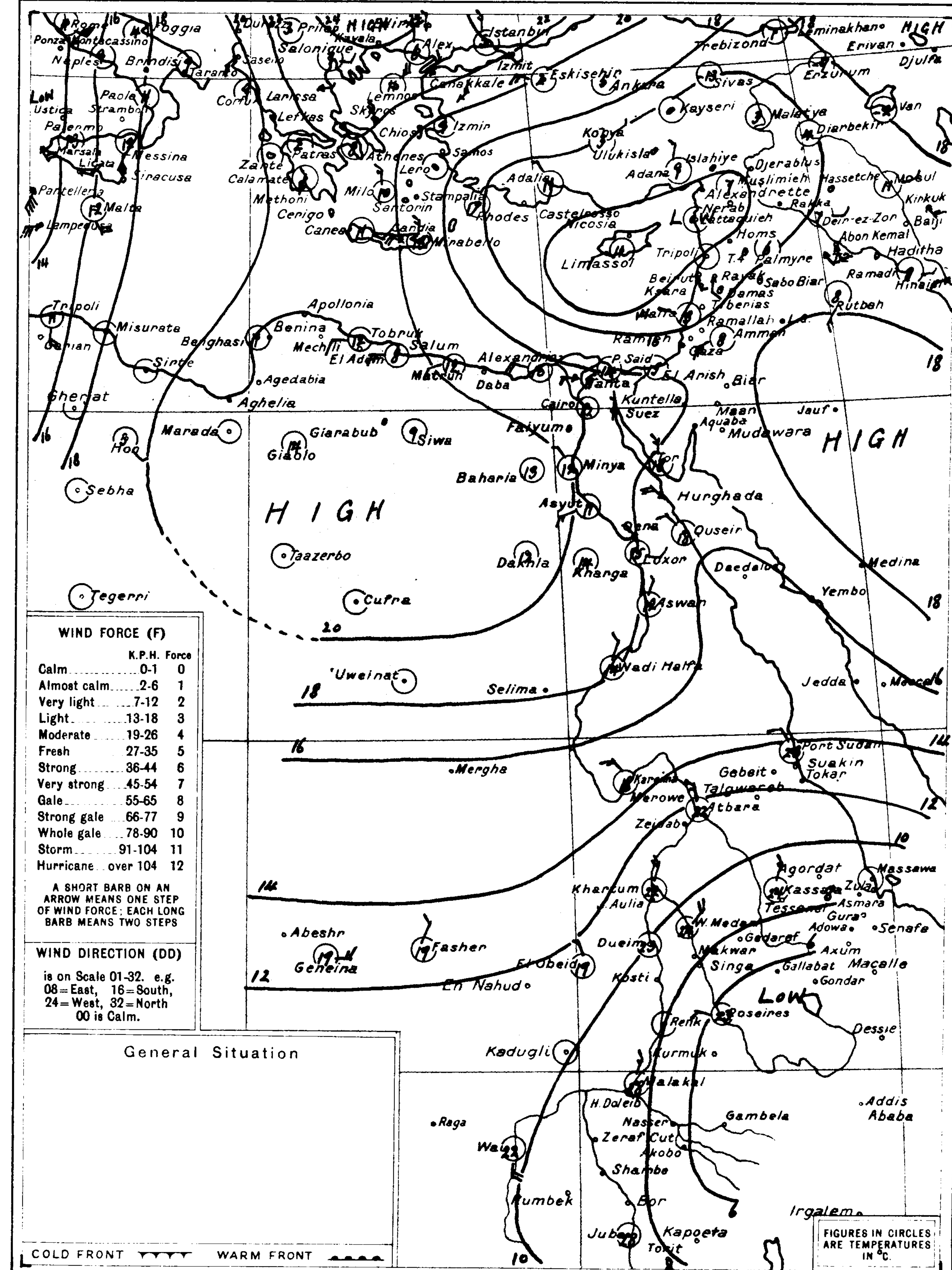
Gîza Grass minimum on 24th 3.2 °C

Discharges at Aswân measured by sluices m³ per sec.

DATE	1939	1938
24-2	1158	888
23-2	1158	889

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-2	13.37	+0.08	13.37	+0.08
Nâsser	24-2	5.58	+0.45	5.60	+0.45
Malakâl	24-2	10.74	+0.36	10.77	+0.38
Roseires	24-2	12.21	+0.60	12.21	+0.59
Sennâr Res.	24-2	20.14	—	20.17	—
J. Aulia U.S	24-2	375.03	—	375.05	—
J. Aulia D.S	24-2	371.35	+0.13	371.38	+0.14
Khartûm	24-2	10.52	+0.19	10.55	+0.22
Kh. el Girba					
'Atbara	24-2	10.53	+0.33	10.58	+0.37
Kajnarti	24-2	133.65	+0.95	133.68	+0.95
Aswân Res.	24-2	120.95	—	120.96	—
Aswân D.S.	24-2	86.25	+0.28	86.25	+0.27
Rôda (Cairo)	23-2	15.93	+0.34	15.93	+0.34

٢٤-٢-١٩٣٩ Isobars, Wind and Temperature at 8 h. 24-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

STATION	At 8 h. on 24th — ww Present weather	V Visibility	DD Wind Dir.	F Wind Force	W Past weather	N Cloud Amount	C Cloud Form	PPP Bar. M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry bulb °C	MM Max. yesterday °C	Max. diff. from norm. °C	mm Min. today °C	Min. diff. from norm. °C	UU % Humidity	Rainfall past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	7	22	2	9	2	—	13.1	-2.1	11	—	—	—	—	—	11	491	370
Haifa	03	—	26	—	—	6	—	15.6	+1.0	12.7	19	-1	12	+3	86	7	506	586
SHIPS																		

Remarks

x Juba river gauge reading for 27-1-39 published on 27 & 28-1-39 should read 13.42 M. instead of 13.52 M.

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb

ANNUAL SUBSCRIPTION INLAND P.T. ... ABROAD P.T. 150

CAIRO
Time of Sunrise 6h 35m
" " Sunset 17h 51m

Month **FEBRUARY**, 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 24th الساعة ١٤ يوم ٢٤ — At 8 h. on SATURDAY 25th السبت ٢٥ الساعة ٨ يوم

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALÛM	02	8	02	3	1	5	Cb	21.6	15.9	62	02	6	00	0	1	5	Cc	23.9	+6.5	9.9	18	—	8	—	86	0	75	—	130
	MATRÛH	02	7	28	4	5	4	Ac	19.6	16.6	74	02	7	20	2	1	4	Cu	22.0	+4.7	11.4	17	-2	9	0	82	dr	96	139	131
	DIKHEILA	02	8	26	3	1	5	Cb	19.4	16.9	63	02	8	28	2	1	5	Sc	22.4	—	15.8	20	—	11	—	66	dr	75	—	150
	ALEXANDRIA	02	9	26	4	2	4	Ac	18.4	18.1	58	02	9	32	2	2	5	Ac	21.6	+4.4	15.6	19	-1	14	+2	60	dr	153	167	132
	DAMIETTA											01	8	20	2	0	2	Cu	—	—	13.2	18	—	9	—	80	0	61	90	159
	PORT SAÏD	01	8	28	5	1	3	Cc	17.5	19.2	61	00	8	20	2	1	0	—	20.3	+4.7	15.2	21	+1	13	+1	85	dr	49	61	134
	EL 'ARÎSH	02	7	28	1	1	4	Cu	17.5	17.2	68	01	7	20	1	1	4	Cu	20.0	—	13.0	19	—	11	—	91	2	104	69	135
EGYPT	DAMANHÛR											01	6	24	1	1	2	Cu	22.2	+5.8	11.4	18	-3	8	0	91	0	24	83	136
	MANṢÛRA											01	7	20	1	1	3	Sc	20.7	—	12.2	20	-1	8	0	80	0	40	39	137
	TANTA	02	8	24	3	1	4	Cu	16.3	19.6	52	03	8	00	0	1	8	Sc	21.9	+4.9	11.6	20	-2	7	-1	94	0	31	31	138
	ZAGÂZIG	02	7	28	3	1	4	Cc	18.3	20.4	55	01	7	20	2	1	3	Cc	22.2	—	13.9	21	-1	6	-1	78	0	26	21	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	02	8	26	3	1	4	Cu	18.4	19.5	35	01	7	00	0	1	2	Ci	21.6	—	13.8	20	—	9	—	69	0	10	—	141
	EZBEKÎYA	02	8	00	0	1	4	Cu	18.2	20.4	37	05	5	00	0	1	4	Ci	21.6	+4.0	12.2	22	0	10	+1	80	0	12	18	—
	GÎZA	02	8	28	3	1	4	Cu	18.0	19.5	43	01	6	00	0	1	3	Ci	21.9	+3.7	12.1	20	-1	7	+1	88	0	11	19	—
	HELWÂN	02	9	26	3	1	4	Cu	18.3	17.8	37	05	5	32	1	0	3	Ci	22.2	+4.6	12.1	19	-2	10	+1	75	0	19	19	143
	SUEZ	03	9	28	2	1	6	Cu	17.6	20.1	40	02	6	32	2	1	4	Cu	21.5	+4.1	12.6	22	0	10	-1	85	0	19	13	144
UPPER EGYPT	FAIYÛM	02	8	30	2	1	5	Cu	18.7	19.8	42	01	6	18	1	0	3	Cu	22.4	+4.5	12.2	22	-1	7	-1	71	0	tr	7	153
	MINYA	01	8	30	3	1	3	Cu	18.4	20.5	32	01	6	30	2	0	1	Cu	22.0	+4.2	10.0	21	-2	7	-1	84	0	4	—	154
	ASYÛT	00	8	22	3	0	0	—	18.6	21.0	28	00	6	20	3	0	0	—	19.0	+0.8	9.5	22	-2	7	-1	83	0	2	4	155
	QENA	00	8	28	3	0	0	—	16.0	25.0	27	00	8	30	2	0	0	—	19.6	+3.3	13.8	27	0	8	-2	59	0	dr	—	156
	LUXOR	00	7	30	5	0	0	—	15.8	24.2	42	00	7	10	2	0	0	—	18.3	—	13.8	25	—	6	—	61	0	dr	—	157
	ASWÂN	00	7	32	2	0	0	—	15.0	22.7	17	00	7	30	1	0	0	—	18.0	+0.9	12.0	24	-4	9	-3	52	0	1	—	158
WESTERN DESERT	SÎWA	01	8	18	2	1	2	Cu	19.0	21.8	51	02	7	00	0	1	5	Sc	21.2	+3.4	10.0	23	0	6	0	89	0	5	6	148
	BAHARÎYA	00	9	00	0	0	0	—	18.6	20.0	40	00	9	00	0	0	0	—	23.0	—	11.0	21	—	5	—	75	0	0	—	149
	KHÂRGA	00	8	32	4	0	0	—	16.6	21.4	34	00	8	32	4	0	0	—	19.2	+1.8	13.9	22	-4	5	-3	48	0	dr	tr	151
	DÂKHLA	00	6	28	2	0	0	—	18.7	20.1	39	01	7	00	0	1	2	Ci	22.6	+4.6	7.9	22	-4	7	0	71	0	dr	—	152
RED SEA	TOR	00	6	28	6	0	0	—	15.2	20.5	60	00	6	32	4	0	0	—	18.4	+2.1	17.0	21	-1	14	+3	68	0	19	12	145
	HURGHÂDA											00	9	28	4	0	0	—	19.0	+3.2	17.5	22	-1	12	+2	57	0	1	—	146
	QUṢEIR	00	7	32	3	0	0	—	15.9	21.5	53	01	7	32	4	0	1	Ci	17.6	+2.1	19.0	22	-2	15	0	62	0	tr	6	147
	PORT SUDAN											00	—	32	2	0	0	—	15.8	+1.8	22.5	27	-1	17	-2	58	0	71	104	169
NORTH SUDAN	WÂDI HALFA											00	8	04	2	0	0	—	17.9	+0.9	12.4	26	-2	9	-1	33	—	—	—	165
	KAREIMA											00	8	28	3	0	0	—	15.7	+1.0	17.8	31	-1	11	-3	28	0	0	1	166
	'ATBARA											00	—	32	5	0	0	—	13.5	+0.2	20.2	33	0	18	+3	62	0	6	1	167
	KHARTÛM											00	8	04	2	0	0	—	12.5	+0.1	20.7	37	+2	17	0	27	0	dr	5	168
	KASSALA											00	8	02	2	0	0	—	9.2	-1.5	22.2	37	0	17	-1	50	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	02	4	0	0	—	10.7	-1.1	23.4	38	+2	17	-1	11	0	2	13	171
	DUEIM											00	—	—	3	0	0	—	11.4	-0.3	22.4	38	+2	19	+4	38	0	14	12	173
	RENK											00	8	28	3	0	0	—	10.0	—	23	38	—	22	—	31	0	—	—	182
	ROṢEIRES											00	—	30	1	0	0	—	5.6	-4.8	27.4	42	+4	22	+4	40	0	27	38	172
	EL OBEID											02	8	32	2	1	6	Ci	12.8	-1.2	18.1	35	+2	16	+4	28	0	8	19	174
	EL FÂSHER											00	—	02	2	0	0	—	—	—	18.1	37	+4	15	+4	29	0	0	8	175
	GENEINA											02	8	32	2	0	5	Ac	—	—	17.4	38	—	17	—	34	0	dr	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL											02	8	22	2	2	7	Ac	10.2	+0.2	26.0	37	-1	21	+1	36	0	83	93	176
	WAU																												153	177
	JUBA											02	8	00	0	8	7	Sc	13.0	+3.1	23.0	38	0	22	+1	100	3	237	147	178

UPPER WINDS

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

SALÛM 7h. m.	MATRÛH 7h. m.	DIKHEILA 8h. m.	CAIRO 8h 30m.	HELWÂN 8h 30m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 5h. m.	KAREIMA 4h. m.	KHARTÛM 6h. m.	KASSALA 7h. m.	EL OBEID 7h. m.	MALAKÂL 3h. m.	JÛBA 6h. m.	Geneina 5h. m.
[illegible].00.00	02.32.10	02.33.25	02.02.10	02.34.05	05.01.40	02.01.15	03.03.30	06.04.25	06.36.40	06.09.10	07.01.35	06.01.45	06.34.05	10.03.30
[illegible].11.05	05.36.05	05.33.25	05.35.25	05.01.20	10.36.35	05.01.25	06.02.45	10.04.10	10.02.40	10.05.20	10.04.50	10.36.25	10.36.05	15.18.30
[illegible].35.15	10.34.25	10.31.25	10.36.30	08.35.30	15.34.30	10.02.30	10.01.35	15.03.05	15.01.30	15.03.20	15.03.35	15.01.50	15.00.00	20.15.15
[illegible].32.25	ent. Fc	15.32.20	14.36.20	10.35.25		15.35.25	15.01.05	20.01.10	20.32.25	20.04.20	20.04.20	20.02.35		24.17.10
20.32.15				15.35.25		20.34.30	19.34.30		30.35.25	30.36.15	30.02.20	30.03.45		
25.29.20				20.32.25					40.35.30	40.35.35				
30.31.25				23.32.40					50.34.20					
35.31.30				25.32.35					60.23.20					
40.30.25				30.34.40										
				35.33.35										

Forecast for 24 hours from noon on 25th

Moderate northwest to north winds.
Much cloud.
Light showers in the north probable.
Temperature remaining slightly below normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٥
رياح معتدلة بين شمالية غربية وشمالية .
يكثر السحاب .
يحتمل تساقط مطر خفيف فى الشمال .
تستمر درجة الحرارة دون المعدل قليلا .

Station	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp. °C on 24th	Diff. from normal
Alexandria	55	-9	12.3	+0.5
Ezbekîya	55	-5	11.2	-0.2
Gîza	61	-3	11.4	+0.5
Helwân	49	-1	10.1	+0.3

Gîza Grass minimum on 25th 3.5 °C

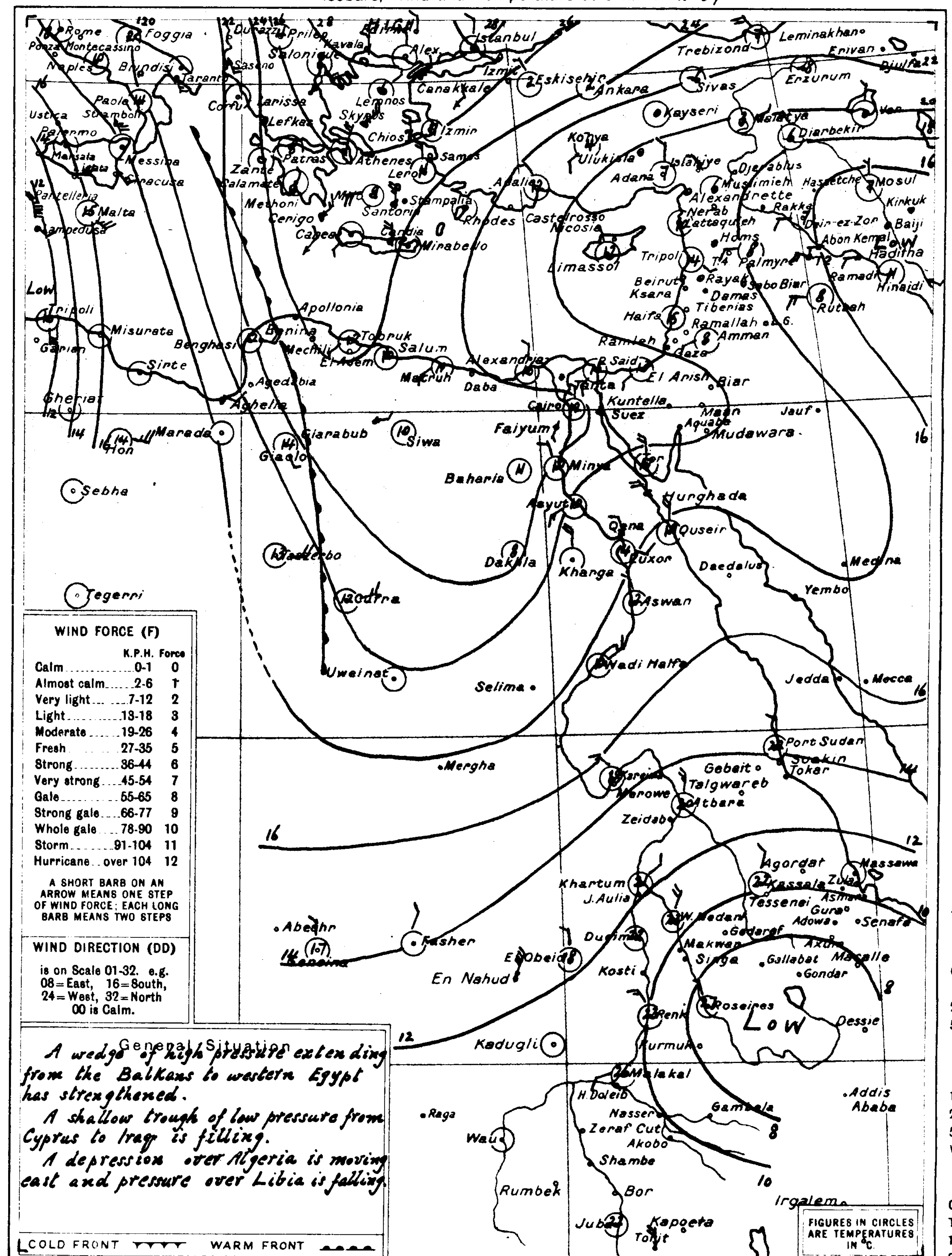
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
25.2	1158	888
24.2	1158	888

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25.2	13.38	+0.09	13.37	+0.08
Nâṣṣer	24.2	5.58	+0.45	5.60	+0.45
Malakâl	25.2	10.72	+0.35	10.74	+0.36
Roṣeires	25.2	12.20	+0.60	12.21	+0.60
Sennâr Res.	24.2	20.14	—	20.17	—
J. Aulia U.S	25.2	375.06	—	375.03	—
J. Aulia D.S	25.2	371.30	+0.10	371.35	+0.13
Khartûm	25.2	10.51	+0.17	10.52	+0.19
Kh. el Girba					
'Atbara	25.2	10.46	+0.27	10.53	+0.33
Kajnarti	24.2	133.65	+0.95	133.68	+0.95
Aswân Res.	25.2	120.98	—	120.95	—
Aswân D.S.	25.2	86.25	+0.29	86.25	+0.28
Rôda (Cairo)	25.2	15.95	+0.36	15.95	+0.36

Printed by the Survey & Mines Dept. 1938 (38/554)

٢٥-٢-٣٩ Isobars, Wind and Temperature at 8 h. 25-2-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A wedge of high pressure extending from the Balkans to western Egypt has strengthened.
A shallow trough of low pressure from Cyprus to Iraq is filling.
A depression over Algeria is moving east and pressure over Libia is falling.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 25th الساعة ٨ يوم ٢٥

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	30	1	0	1	—	18.4	+3.2	12	—	—	—	—	—	2	493	373
Haifa	01	—	00	0	—	3	—	19.2	+4.6	14.6	18	-2	10	+1	81	3	509	589
SHIPS سفن																		

Remarks

✱ Sennar Reservoir river gauge reading for 27-1-39 published on 29-1-39 should read 20.72 M. instead of 20.70 M.

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 24 m
" " Sunset 17 h 52 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY 1939 — شهر - فبراير ١٩٣٩

At 14 h. on 25th — الساعة ١٤ يوم ٢٥

Region	Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)
Mediterranean	SALÛM	02	8	06	1	1	5	Cu	23.4	16.0	58
	MATRÛH	02	7	28	2	2	5	As	21.4	16.9	69
	DIKHEILA	02	8	30	4	2	5	Sc	21.5	16.6	61
	ALEXANDRIA	02	9	30	4	2	5	Ac	20.7	17.8	55
	DAMIETTA										
	PORT SAÎD	03	8	28	3	1	7	Sc	19.9	19.2	61
	EL 'ARÎSH	03	7	28	2	1	6	Cu	19.1	16.2	68
Lower Egypt	DAMANHÛR										
	MANSÛRA										
	TANTA	03	7	30	2	2	8	St	20.3	17.8	63
	ZAGAZIG	02	7	30	2	1	4	Cc	19.8	19.4	55
Middle Egypt (Cairo)	ALMÂZA	02	8	02	3	1	5	Sc	19.8	19.0	39
	EZBEKÎYA	02	8	28	2	1	5	Cu	19.8	20.0	43
	GÎZA	02	8	32	1	2	5	Sc	20.0	18.0	54
	HELWÂN	03	8	32	2	1	6	Cc	19.6	17.9	44
	SUEZ	02	9	02	2	1	5	Cu	19.2	18.7	46
Upper Egypt	FAIYÛM	02	8	30	4	1	5	Cu	20.0	18.6	47
	MINYA	01	7	02	4	1	3	As	18.6	19.8	41
	ASYÛT	00	8	28	3	0	0	—	18.0	20.8	35
	QENA	00	8	32	1	0	0	—	16.0	24.3	30
	LUXOR	00	7	30	2	0	0	—	14.4	24.1	38
	ASWÂN	00	7	24	2	0	0	—	14.2	23.5	23
Western Desert	SÎWA	03	8	18	2	2	6	Sc	20.0	20.1	59
	BAHARÎYA	02	9	00	0	1	4	—	18.6	19.5	44
	KHÂRGA	00	8	04	3	0	0	—	16.3	21.6	37
	DÂKHLA	05	7	04	2	0	0	—	19.4	20.1	54
Red Sea	TÔR	00	6	28	6	0	0	—	15.9	19.0	81
	HURGHÂDA										
	QUSEIR	01	7	32	3	0	1	Ci	17.0	20.6	68
	PORT SUDAN	01	—	04	2	0	—	—	12	28	45
North Sudan	WÂDI HALFA	00	8	04	2	0	0	—	14.3	28	15
	KAREIMA	00	8	28	4	0	0	—	10.2	30	12
	'ATBARA	01	—	32	3	0	—	—	8	33	10
	KHARTÛM	00	8	32	4	0	0	—	6.1	36	10
	KASSALA	00	7	30	3	0	0	—	3.0	34	13
Central Sudan	WAD MEDANI	01	—	04	3	0	—	—	5	35	10
	DUEIM										
	RENK	00	7	08	3	0	0	—	4.2	36	27
	ROSEIRES	01	—	26	2	0	—	—	4	35	10
	EL OBEID	03	8	04	3	1	6	—	6.5	33	16
	EL FÂSHER										
	GENEINA	01	8	32	2	1	3	—	—	34	22
	KADUGLI										
S. Sudan	MALAKÂL	02	8	24	2	2	5	—	4.8	35	19
	WÂU										
	JÛBA										

At 8 h. on SUNDAY 26th — الساعة ٨ يوم الأحد ٢٦

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALÛM	02	7	00	0	1	5	Cu	23.6	+6.2	11.6	17	—	9	—	77	0	75	—	130
MATRÛH	03	7	02	2	2	6	Sc	21.8	+4.5	14.7	18	-1	13	+4	80	0	96	139	131
DIKHEILA	01	8	32	3	1	4	Sc	22.3	—	15.8	17	—	15	—	50	0	75	—	150
ALEXANDRIA	02	9	04	2	2	4	Ac	21.8	+4.7	15.2	20	0	14	+2	50	0	153	168	132
DAMIETTA	01	8	28	2	1	4	Ac	21.1	—	15.7	17	—	9	—	69	0	61	91	159
PORT SAÎD	02	8	28	2	1	4	Sc	20.8	+5.3	15.8	21	+1	12	0	83	0	49	62	134
EL 'ARÎSH	02	7	00	0	1	5	Cu	20.8	—	12.3	18	—	10	—	88	0	104	70	135
DAMANHÛR	00	6	32	1	0	0	—	21.8	+5.4	10.0	19	-2	7	-1	88	0	24	84	136
MANSÛRA	00	8	30	1	0	0	—	21.4	—	13.2	20	-1	8	0	73	0	40	40	137
TANTA	01	8	30	1	1	4	Cu	22.3	+5.3	11.4	20	-2	5	-3	83	0	31	31	138
ZAGAZIG	02	7	30	1	1	4	Cc	22.2	—	13.4	20	-2	6	-1	77	0	26	21	139
ALMÂZA	05	7	12	1	1	4	St	21.4	—	13.6	19	—	8	—	67	0	10	—	141
EZBEKÎYA	05	5	04	1	1	3	Ac	21.9	+4.4	11.4	21	-1	8	-1	82	0	12	19	—
GÎZA	08	4	30	1	4	4	St	22.0	+3.9	10.8	19	-2	6	0	90	0	11	19	
HELWÂN	05	5	02	2	0	2	Sc	21.9	+4.3	11.9	19	-2	8	-2	69	0	19	20	143
SUEZ	00	6	30	2	0	0	—	21.2	+3.9	12.4	20	-2	10	-1	86	0	19	13	144
FAIYÛM	00	7	30	2	0	0	—	20.7	+2.9	11.8	20	-3	7	-1	72	0	tr.	7	153
MINYA	00	5	32	2	0	0	—	20.8	+3.1	11.2	20	-3	8	0	80	0	4	—	154
ASYÛT	00	7	20	3	0	0	—	20.2	+2.1	12.5	23	-1	8	0	77	0	2	4	155
QENA	00	8	26	2	0	0	—	18.2	+2.0	15.0	27	0	10	0	66	0	dr.	—	156
LUXOR	00	7	10	2	0	0	—	17.1	—	14.9	26	—	5	—	61	0	dr.	—	157
ASWÂN	00	7	32	1	0	0	—	17.0	0.0	14.2	24	-4	10	-2	45	0	1	—	158
SÎWA	01	7	00	0	1	2	Cu	—	—	10.9	22	-1	7	+1	77	0	5	6	148
BAHARÎYA	00	9	00	0	0	0	—	22.3		11.2	20	—	8	—	85	0	0	—	149
KHÂRGA	00	8	32	4	0	0	—	18.8	+1.5	15.3	23	-3	11	+3	56	0	dr.	tr.	151
DÂKHLA	00	7	24	1	0	0	—	21.0	+3.1	10.4	21	-5	8	+1	80	0	dr.	—	152
TÔR	00	6	32	2	0	0	—	17.4	+1.1	12.0	20	-2	12	+1	64	0	19	12	145
HURGHÂDA	01	9	30	4	0	3	Cu	17.6	+1.8	17.5	22	-1	13	+3	57	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	17.2	+1.8	19.4	22	-2	15	0	59	0	tr.	6	147
PORT SUDAN	00	—	28	2	0	0	—	15.8	+1.8	22.2	28	0	17	-2	96	0	71	104	169
WÂDI HALFA	00	8	32	3	0	0	—	17.6	+0.7	13.4	28	0	11	+1	45	—	—	—	165
KAREIMA	00	8	30	3	0	0	—	15.7	+1.1	18.0	31	-2	11	-3	28	0	0	1	166
'ATBARA	00	—	30	3	0	0	—	13.4	+0.2	20.0	33	0	16	+1	71	0	6	1	167
KHARTÛM	01	8	02	3	0	2	Ci	13.1	+0.8	19.5	36	+1	16	-1	18	0	dr.	5	168
KASSALA	00	8	02	3	0	0	—	9.9	-0.7	21.7	37	0	15	-3	43	0	dr.	11	170
WAD MEDANI	00	—	02	5	0	0	—	11.6	-0.1	21.6	37	+1	15	-2	10	0	2	13	171
DUEIM	00	—	—	4	0	0	—	11.8	+0.1	22.4	36	0	18	+3	30	0	14	12	173
RENK	00	—	28	2	0	0	—	11.4	—	24	38	—	19	—	26	0	—	—	182
ROSEIRES	00	—	06	1	0	0	—	6.6	-3.7	27.3	43	+5	21	+3	35	0	27	38	172
EL OBEID	01	8	32	3	0	4	Ci	13.2	-0.7	18.8	33	0	16	+4	23	0	8	19	174
EL FÂSHER	00	—	04	2	0	0	—	—	—	19.8	36	+3	14	+2	30	0	0	8	175
GENEINA	01	8	08	3	1	4	Ac	—	—	18.0	37	—	16	—	20	0	dr.	—	179
KADUGLI	18	4	12	4	0	0	—	11.1	—	22	38	—	18	—	49	0	—	—	187
MALAKÂL	03	8	02	3	2	8	Cs	10.3	+0.4	28.6	37	-1	21	+1	28	0	83	93	176
WÂU	00	—	28	1	0	0	—	10.7	+1.2	23.5	34	-3	21	+1	75	0	107	153	177
JÛBA	81	8	16	1	6	7	Sc	12.2	+2.3	20.8	28	-10	19	-2	100	4	241	148	178

UPPER WINDS — الرياح العليا ٢٦

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

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 5 h. m.	KAREIMA 4 h. m.	KHARTÛM 6 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKÂL 4 h. m.	JÛBA h. m.	Salum 25th 13 h. m.
[illegible].00.00	02.03.10		02.01.15	02.36.15	05.02.35	02.36.15	03.01.25	06.05.40	06.01.45	06.03.20	07.01.45	06.20.05		02.00.00
[illegible].09.15	05.04.15		05.01.25	05.02.30	10.34.40	05.02.35	06.03.45	10.05.30	10.02.70	10.03.20	10.03.55	10.05.20		05.00.00
[illegible].05.20	10.04.15		10.04.30	08.02.30	15.34.40	10.02.30		15.10.20	15.01.35	15.04.25	15.05.25	15.04.35		10.35.10
Ent. Cu.	Ent. Sc.		14.04.30	10.04.35	20.34.45	15.33.30		20.30.20	20.03.30	20.04.35	20.06.25	20.03.55		15.35.05
				15.04.15		20.30.25			30.36.40	30.05.35	30.09.05	30.05.20		20.30.05
				20.36.25					40.32.15			36.05.15		25.32.10
				23.35.25					50.26.20					30.31.20
				24.35.25					60.24.30					35.30.20
									65.21.25					40.28.30

Forecast for 24 hours from noon on 26th

Moderate northeasterly winds, freshening inland.
Some low cloud.
Little change in temperature.
Further outlook: becoming slightly warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٦
رياح شمالية شرقية معتدلة ثم تشتد نوعا فى الداخل
يظهر بعض السحاب المنخفض
لا تتغير درجة الحرارة الا قليلا
وفيما بعد سيميل الطقس الى الدفء قليلا

Station	Mean of day: Humidity % on 25th	Humidity Diff. from normal	Wet Bulb Temp. °C on 25th	Wet Bulb Diff. from normal
Alexandria	58	-6	12.3	+0.5
Ezbekîya	70	+10	12.0	+0.5
Gîza	81	+17	11.7	+0.7
Helwân	65	+15	11.2	+1.3

Gîza Grass minimum on 26th 2.0°C

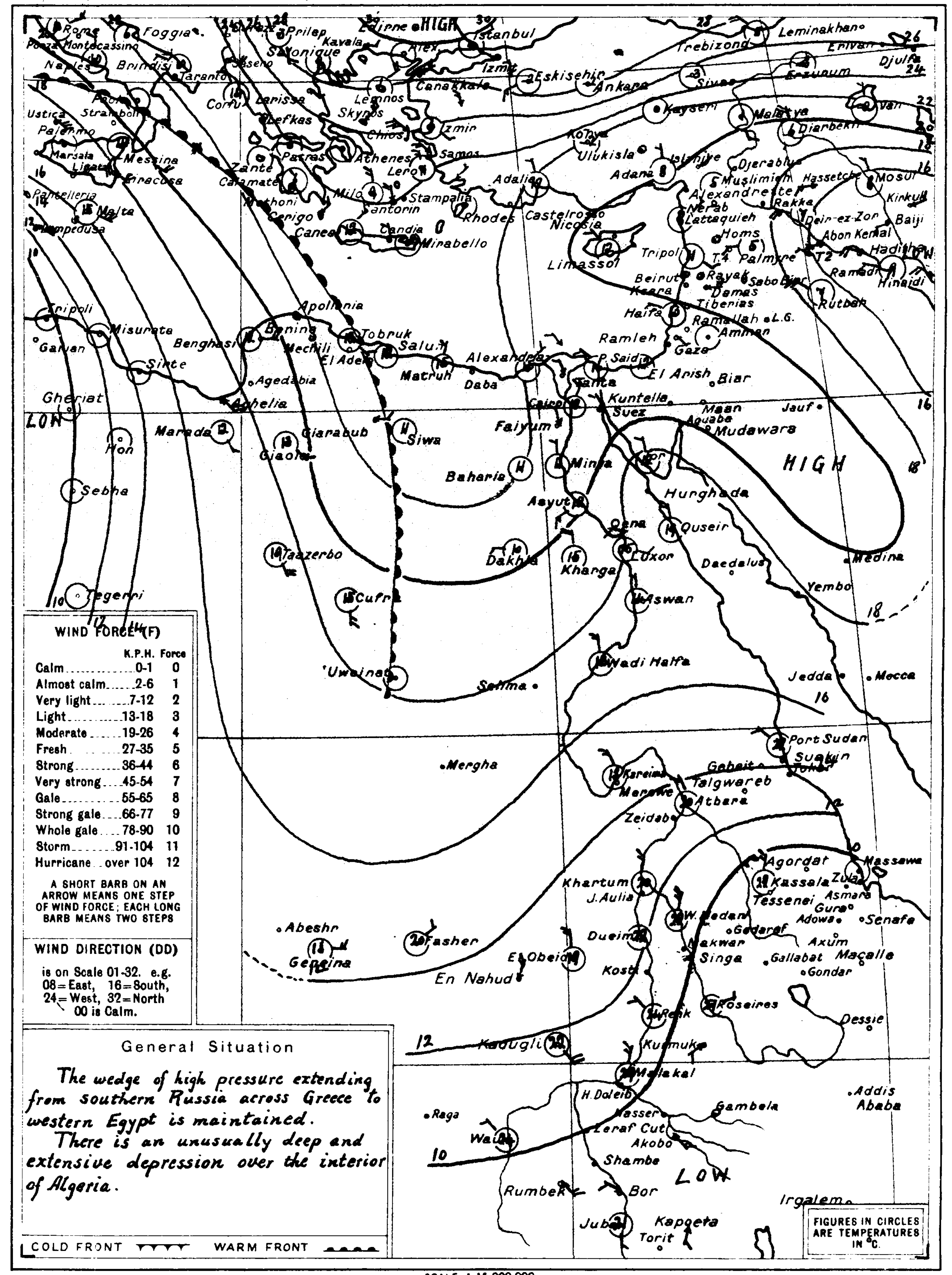
Discharges at Aswân measured by sluices m.³ per sec.

Date	1939	1938
26-2	1158	892
25-2	1158	888

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26-2	13.38	+0.09	13.38	+0.09
Nâsser	25-2	5.58	+0.47	5.58	+0.45
Malakâl	26-2	10.69	+0.32	10.72	+0.35
Roseires	26-2	12.21	+0.63	12.20	+0.60
Sennâr Res.	25-2	20.09	—	20.14	—
J. Aulia U.S X	25-2	375.06	—	375.03	—
J. Aulia D.S	25-2	371.30	+0.10	371.35	+0.13
Khartûm	26-2	10.48	+0.13	10.51	+0.17
Kh. el Girba					
'Atbara	26-2	10.40	+0.22	10.46	+0.27
Kajnarti	25-2	133.63	+0.96	133.65	+0.95
Aswân Res.	26-2	120.99	—	120.98	—
Aswân D.S.	26-2	86.24	+0.29	86.25	+0.29
Rôda (Cairo)	26-2	15.93	+0.35	15.95	+0.36

Printed by the Survey & Mines Dept. 1938 (38/554)

٢٦ - ٢ - ١٩٣٩ Isobars, Wind and Temperature at 8 h. 26-2-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The wedge of high pressure extending from southern Russia across Greece to western Egypt is maintained.
There is an unusually deep and extensive depression over the interior of Algeria.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 26th — الساعة ٨ يوم ٢٦

Station محطة	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	28	2	0	2	—	19.8	+4.7	12	—	—	—	—	—	tr	493	376
Haifa	01	—	26	1	—	4	—	20.0	+5.4	13.0	18	-2	9	0	85	0	509	592

SHIPS سفن

13375 17006 10402 22858 63384 33011
13319 31006 29202 21960 61784 56100

Remarks

X G. Aulia U.S. river gauge reading for 9-2-39 published on 10-2-39 should read 374.89 M. instead of 374.98 M.

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h. 06 m. 23
" " Sunset h. 17 m. 52

MINISTRY OF PUBLIC WORKS · PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month *FEBRUARY* 1939 ١٩٣٩ شهر فبراير

At 14 h. on *26th* الساعة ١٤ يوم ٢٦ — At 8 h. on *MONDAY 27th* الساعة ٨ يوم الاثنين ٢٧

Region	STATION	14h PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	8h PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	STATION NUMBER
MEDITERRANEAN	SALÛM	01	8	04	2	0	3	Sc	22.4	15.2	65	03	6	12	3	2	7	As	19.4	+2.0	9.8	16	—	9	—	78	0	75	—	130
	MATRÛH	01	7	32	2	1	4	Ac	21.4	16.6	65	03	6	00	0	2	8	Ns	18.3	+1.0	10.4	18	-1	8	-1	84	0	96	140	131
	DIKHEILA	01	8	32	2	1	3	Ac	21.1	16.5	52	02	8	10	1	1	5	Ac	19.9	—	13.3	17	—	10	—	74	0	75	—	150
	ALEXANDRIA	01	9	04	3	2	3	Cu	20.6	18.0	48	03	8	00	0	2	6	Ac	19.2	+2.2	14.0	21	+1	13	+1	67	0	153	168	132
	DAMIETTA											02	8	06	2	1	4	Ac	19.4	—	16.3	18	—	10	—	59	0	61	92	159
	PORT SAÎD	00	8	28	2	1	0	—	19.5	20.2	56	02	8	04	3	1	5	Sc	19.6	+4.1	15.2	22	+2	13	+1	73	0	49	62	134
	EL 'ARÎSH	01	7	32	2	1	2	Cu	19.6	17.7	58	01	7	00	0	1	2	Ci	19.5	—	12.6	19	—	7	—	71	0	104	71	135
LOWER EGYPT	DAMANHÛR											01	5	06	2	1	3	Ci	19.0	+2.7	11.7	21	0	8	0	85	0	24	84	136
	MANSÛRA											01	8	12	1	1	3	Ac	19.2	—	13.0	20	-2	9	+1	76	0	40	40	137
	TANTA	02	7	02	2	1	5	Cu	19.5	19.5	47	02	6	00	0	2	5	Sc	19.5	+2.5	11.0	21	-1	6	-2	91	0	31	31	138
	ZAGÂZIG	02	7	30	4	1	4	Cc	19.4	20.9	49	01	7	02	1	1	3	Cc	19.4	—	13.4	21	-1	6	-1	82	0	26	22	139
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	02	4	2	2	Cu	19.4	19.2	38	02	7	04	2	1	4	Cc	19.4	—	12.4	20	—	8	—	73	0	10	—	141
	CAIRO EZBEKIYA	01	8	04	3	1	3	Cu	19.5	20.0	42	01	5	04	1	1	4	St	19.2	+1.8	10.8	22	0	7	-2	81	0	12	19	—
	CAIRO GÎZA	01	8	32	1	1	3	Cu	18.8	20.0	48	08	4	30	1	4	4	Cs	19.2	+1.2	9.0	21	-1	5	-2	91	0	11	19	—
	HELWÂN	01	9	32	4	0	2	Sc	18.4	18.6	40	06	6	04	2	0	4	Ci	18.8	+1.3	12.2	20	-2	10	0	72	0	19	20	143
	SUEZ	01	9	02	2	1	3	Cu	18.7	18.1	52	01	8	28	1	1	3	Cs	18.8	+1.6	13.2	19	-3	9	-2	69	0	19	13	144
UPPER EGYPT	FAIYÛM	00	8	02	2	0	0	—	18.7	20.0	40	01	7	02	2	0	3	Cu	18.2	+0.4	12.8	22	-1	7	-1	72	0	tr.	7	153
	MINYA	00	8	32	3	0	0	—	18.0	20.3	38	02	5	28	1	1	5	As	18.2	+0.5	9.2	21	-2	6	-2	84	0	4	—	154
	ASYÛT	00	8	26	3	0	0	—	17.2	21.8	31	00	5	22	3	0	0	—	18.3	+0.3	9.0	23	-1	6	-2	87	0	2	4	155
	QENA	00	8	22	1	0	0	—	15.5	25.0	40	00	8	26	1	0	0	—	17.0	+0.9	12.7	27	0	7	-3	76	0	dr.	—	156
	LUXOR	00	7	02	4	0	0	—	15.0	24.5	33	00	7	10	2	0	0	—	16.6	—	13.7	26	—	6	—	71	0	dr.	—	157
	ASWÂN	00	7	32	3	0	0	—	13.3	25.0	17	00	7	02	1	0	0	—	15.9	-1.0	13.3	26	-2	11	-1	44	0	1	—	158
WESTERN DESERT	SÎWA	01	8	10	2	1	4	Cu	—	20.0	69	03	7	06	2	2	6	Cu	—	—	11.6	21	-2	9	+3	80	0	5	6	148
	BAHARIYA	00	9	00	0	0	0	—	18.6	20.0	43	00	9	00	0	0	0	—	19.8		10.0	21	—	4	—	74	0	0	—	149
	KHÂRGA	00	8	04	4	0	0	—	16.6	22.3	49	00	8	08	1	0	0	—	18.8	+1.5	11.2	23	-3	6	-2	50	0	dr.	tr.	151
	DÂKHLA	05	7	28	2	0	0	—	18.3	21.5	52	00	6	00	0	0	0	—	18.8	+1.0	9.1	23	-3	6	-2	66	0	dr.	—	152
RED SEA	TÔR	00	6	28	6	0	0	—	15.6	19.5	81	01	6	32	2	0	1	Ci	16.3	+0.1	13.5	21	-1	9	-2	66	0	19	12	145
	HURGHÂDA											00	9	28	4	0	0	—	17.1	+1.4	17.7	22	-1	10	0	49	0	1	—	146
	QUṢEIR	00	7	02	3	0	0	—	16.4	20.7	66	01	7	28	2	0	1	Ci	16.7	+1.3	19.2	22	-2	14	-1	60	0	tr.	6	147
	PORT SUDAN	01	—	04	3	0	—	—	11	27	65	00	—	28	2	0	—	—	13.9	0.0	22.2	27	-1	16	-3	53	0	71	105	1 9
NORTH SUDAN	WÂDI HALFA	01	8	02	4	0	4	—	14.4	25	25	00	8	32	1	0	0	—	16.4	-0.4	13.2	27	-1	10	0	45	—	—	—	165
	KAREIMA	00	8	02	3	0	0	—	11.7	30	21	00	8	32	3	0	0	—	14.5	-0.1	17.6	31	-2	12	-2	28	0	0	1	166
	'AṬBARA	01	—	28	4	0	—	—	9	32	10	00	—	32	3	0	0	—	12.6	-0.5	20.5	32	-1	17	+2	37	0	6	1	167
	KHARTÛM	00	8	32	3	0	0	—	7.2	35	12	00	8	02	3	0	0	—	10.3	-1.9	19.7	36	+1	17	0	18	0	dr.	5	168
	KASSALA	00	7	02	4	0	0	—	3.8	36	15	00	8	02	2	0	0	—	9.4	-1.1	20.0	36	-1	17	-1	40	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	02	3	0	—	—	6	35	10	00	—	02	5	0	0	—	9.8	-1.8	23.6	36	0	17	0	9	0	2	13	171
	DUEIM	01	—	—	3	0	—	—	8	34	10	00	—	—	3	0	0	—	11.0	-0.6	21.4	35	-1	17	+1	28	0	14	12	173
	RENK	03	7	28	3	2	6	—	5.6	34	18	00	7	28	2	0	0	—	11.4	—	21	34	—	16	—	34	0	—	—	182
	ROṢEIRES	01	—	30	1	0	—	—	3	37	25	00	—	32	1	0	0	—	6.8	-3.5	23.9	39	+1	17	-1	41	0	27	38	172
	EL OBEID	03	8	04	1	1	7	—	8.0	30	16	01	8	30	1	0	3	Ci	12.7	-1.1	18.2	31	-2	14	+2	28	0	8	19	174
	EL FÂSHER	01	—	06	3	0	—	—	—	33	10																		8	175
	GENEINA	00	8	08	3	0	0	—	—	38	37																		—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL	02	7	28	2	2	5	—	5.5	35	16	01	8	32	3	1	4	Cs	10.0	+0.1	25.0	36	-2	18	-2	19	0	83	93	176
	WÂU	02	—	12	3	0	—	—	5	35	25	00	—	28	1	0	0	—	8.8	-0.7	25.3	36	-1	20	0	57	0	107	154	177
	JÛBA	02	8	32	1	1	4	Sc	5.5	32	49	03	8	04	2	1	6	Sc	11.1	+1.2	22.8	33	-4	21	0	83	dr.	241	148	178

UPPER WINDS الرياح العليا

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛṬ	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 26th
7 h. m.	7 h. m.	9 h. m.	8 h. 30 m.	8 h. 30 m.	7 h. m.	7 h. m.	5 h. m.	5 h. m.	6 h. m.	7 h. m.	7 h. m.	3 h. m.	6 h. m.	13 h. m.
02.31.10	02.11.15	02.08.25	02.07.25	02.07.20	05.34.10	02.02.15	03.03.20	06.01.20	06.01.60	06.00.00	07.02.30	06.01.55	06.09.20	02.02.10
05.12.45	05.10.15	05.08.25	05.06.30	05.07.40	10.31.05	05.04.30	06.03.30	10.35.30	10.36.45	10.05.20	10.04.45	10.03.55	10.08.25	05.31.10
10.12.30	15.32.05	10.08.30	10.06.65	08.06.40	15.34.10	10.04.30	10.02.15	15.34.60	15.01.25	15.03.35	15.04.30	15.06.35	15.07.35	10.14.20
15.16.25		15.09.05	15.07.15	10.06.35	20.34.15	15.04.10	15.02.15	20.31.35	20.01.50	20.02.25	20.06.35	20.09.25	20.05.20	15.03.05
20.25.20		20.36.10	20.34.05	15.04.05		20.35.25	20.02.25	21.29.35	30.34.25	30.28.10	30.05.30	30.11.25	24.02.10	20.35.10
25.28.15		25.33.25	25.29.25	20.25.05			30.31.25		40.36.25		40.03.20	34.09.15		25.30.15
30.25.20		30.21.30	30.31.30	23.29.15			33.30.35		50.03.20					30.33.15
35.28.30			35.28.25	25.31.25					60.29.05					35.29.35
40.24.40			40.30.30	30.30.30					63.33.10					40.31.36
45.21.40			45.30.25											45.31.45

Forecast for 24 hours from noon on *27th*

Fresh easterly winds, veering to Southeast.
Much high cloud, increasing.
Becoming warmer.
Moderate Khamsin conditions later.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٧

رياح نسيميه شرقيه ثم تتحول الى جنوبيه شرقيه
يكثر السحاب العالى و يزداد
ترتفع درجة الحرارة
و سيكون الطقس خمسينيا فيما بعد

STATION	Mean of day HUMIDITY % on 26th	Diff. from normal	WET BULB TEMP. °C on 26th	Diff. from normal
Alexandria	50	-14	11.2	-0.7
Ezbekiya	70	+10	11.7	+0.1
Gîza	75	+12	11.9	+0.8
Helwân	56	+7	10.8	+0.9

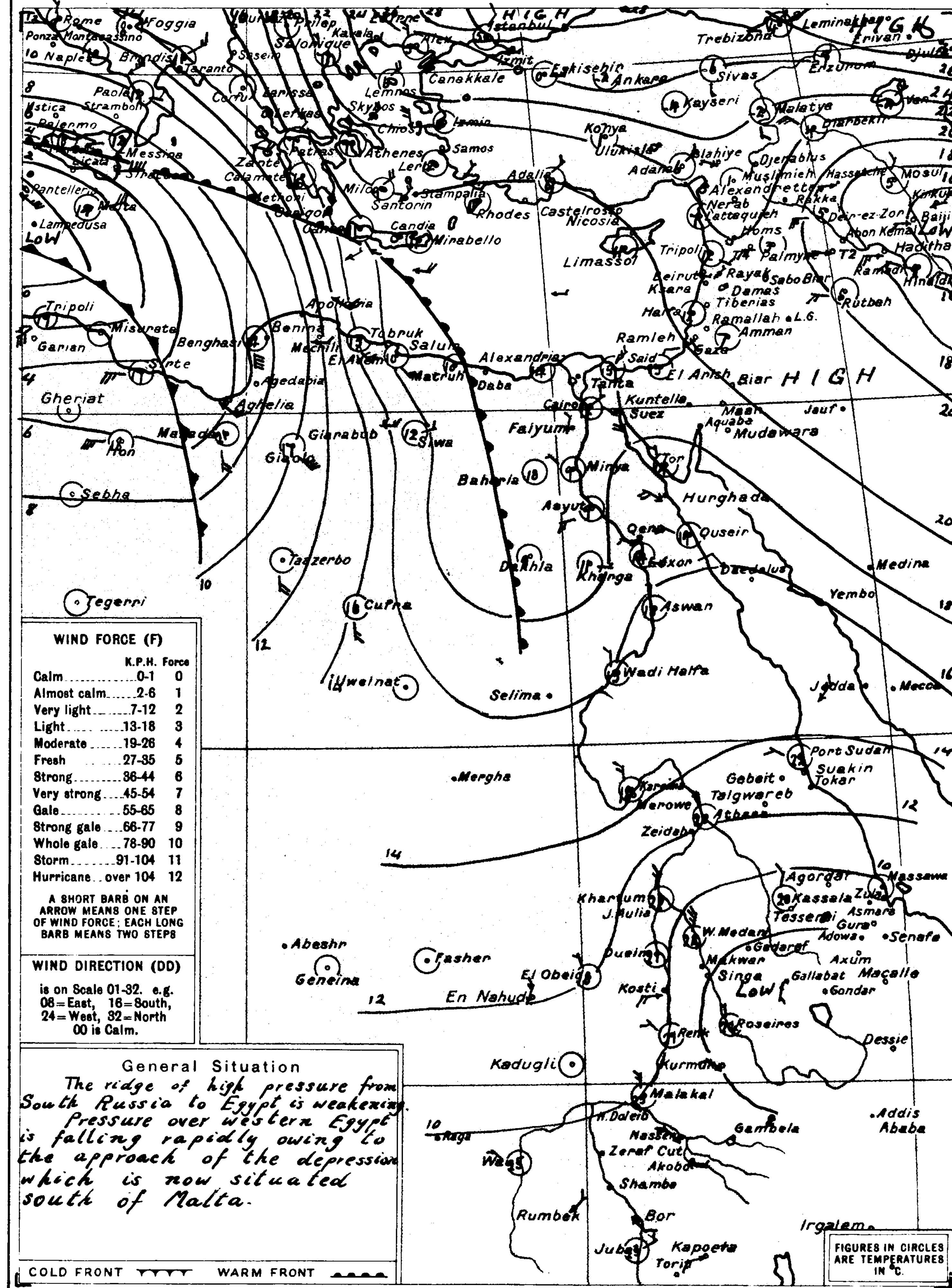
Gîza Grass minimum on *27th* 1.4 °C

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

DATE	1939	1938
27-2	1138	891
26-2	1158	892

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27-2	13.32	+0.03	13.38	+0.09
Nâṣṣer	26-2	5.59	+0.50	5.58	+0.47
Malakâl x	27-2	10.67	+0.31	10.69	+0.32
Roṣeires	27-2	12.18	+0.61	12.21	+0.63
Sennâr Res.	26-2	20.05	—	20.09	—
J. Aulia U.S	26-2	375.08	—	375.06	—
J. Aulia D.S	26-2	371.26	+0.07	371.30	+0.10
Khartûm	26-2	10.48	+0.13	10.51	+0.17
Kh. el Girba					
'Atbara	27-2	10.36	+0.20	10.40	+0.22
Kajnarti	26-2	133.63	+0.99	133.63	+0.96
Aswân Res.	27-2	121.00	—	120.99	—
Aswân D.S.	27-2	86.24	+0.30	86.24	+0.29
Rôda (Cairo)	27-2	15.91	+0.33	15.93	+0.35

Isobars, Wind and Temperature at 8 h. 27.2.1939. ٢٧-٢-١٩٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The ridge of high pressure from South Russia to Egypt is weakening.
Pressure over western Egypt is falling rapidly owing to the approach of the depression which is now situated south of Malta.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

At 8 h. on *27th* الساعة ٨ يوم ٢٧

STATION محطة	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	7	00	0	0	1	—	19.5	+4.4	11	—	—	—	—	—	dr	493	378
Haifa	02	—	00	0	—	5	—	19.8	+5.2	12.1	18	-2	9	0	78	0	509	595
Gaza	00	9	24	1	0	0	—	20.3	+4.9	9	—	—	8	-1	85	—	—	338

SHIPS سفن
23338 23606 12402 17858 61385 46512
23348 24706 10401 18856 61154 730.00
23319 30806 00001 20960 60044 66110

Remarks

X Malakal river gauge reading for 17-2-39 published on 17&18-2-39 should read 11.02 m. instead of 11.00 m.

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

70309

CAIRO
Time of Sunrise h. 06 m. 22
„ „ Sunset h. 17 m. 53

Month *FEBRUARY* 1939 ١٩٣٩ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

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

Region	STATION	ww (Present Weather) 14h	V (Visibility) 14h	DD (Wind Dir.) 14h	F (Wind Force) 14h	W (Past Weather) 14h	N (Cloud Amount) 14h	C (Cloud Form) 14h	PPP (Bar. Press. M.S.L. 1000+ mbs.) 14h	TTT (Temp. °C) 14h	UU (% Humidity) 14h	ww (Present Weather) 8h	V (Visibility) 8h	DD (Wind Dir.) 8h	F (Wind Force) 8h	W (Past Weather) 8h	N (Cloud Amount) 8h	C (Cloud Form) 8h	PPP (M.S.L. 1000+ mbs.) 8h	Diff. from normal mbs.	TTT (Dry Bulb °C)	MM (Max. Yesterday °C)	Diff. from norm. °C	mm (Min. Today °C)	Diff. from norm. °C	UU (% Humidity)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALÛM	03	7	14	5	2	8	As	15.6	17.7	47	18	5	16	8	5	8	As	7.2	-10.1	14.9	18	—	9	—	49	tr.	75	—	130
	MATRÛH	03	6	08	3	2	7	As	15.5	18.0	71	03	6	10	4	2	6	Cb	8.7	-8.5	14.1	19	0	10	+1	77	tr.	96	141	131
	DIKHEILA	03	8	04	3	2	8	Cs	16.8	17.2	63	01	8	08	2	1	4	Ac	12.4	—	15.0	19	—	13	—	72	0	75	—	150
	ALEXANDRIA	03	9	12	1	2	7	As	16.0	20.0	47	02	9	08	2	2	4	Ac	11.6	-5.4	15.0	21	+1	13	+1	74	0	153	169	132
	DAMIETTA											03	8	08	2	2	8	Ac	12.0	—	15.8	19	—	14	—	82	0	61	92	159
	PORT SAÏD	02	8	04	4	1	4	Ac	17.0	18.3	60	03	8	04	3	1	6	Sc	12.2	-3.2	16.2	20	0	14	+2	85	0	49	63	134
	EL 'ARÎSH	03	7	02	5	1	6	Sc	17.6	17.2	58	03	7	00	0	1	7	Cu	14.2	—	12.5	19	—	10	—	73	0	104	71	135
[illegible] EGYPT	DAMANHÛR											02	5	04	3	2	5	Cu	11.4	-4.9	13.8	19	-2	11	+3	88	0	24	85	136
	MANSÛRA											02	4	08	2	1	4	Sc	11.5	—	13.8	21	-1	12	+4	86	0	40	41	137
	[illegible]A	03	6	08	4	2	8	Sc	16.3	20.5	48	03	6	08	2	2	8	Sc	11.0	-6.0	13.0	21	-1	9	+1	83	0	31	32	138
	[illegible]ZIG	01	8	04	3	1	3	Cs	16.2	21.3	37	02	7	04	2	1	4	Cc	11.6	—	13.8	21	-1	11	+4	84	0	26	22	139
MIDDLE EGYPT	CAIRO [illegible]ALMÂZA	03	8	04	5	2	6	Cs	15.5	20.3	30	03	7	10	1	2	6	Ac	11.5	—	16.7	21	—	11	—	38	0	10	—	141
	CAIRO EZBEKIYA	03	8	04	3	2	6	Cc	15.9	22.5	32	03	5	14	1	1	6	Sc	11.1	-6.2	13.2	23	+1	10	+1	73	0	12	19	—
	CAIRO GIZA	03	8	02	2	2	6	Cs	15.1	22.3	37	08	4	00	0	4	5	As	11.0	-7.0	12.8	22	0	8	+1	82	0	11	19	—
	HELWÂN	03	9	12	1	1	6	Ci	14.6	22.9	23	02	6	08	3	2	5	Sc	10.7	-6.7	15.7	24	+2	11	+1	34	0	19	20	143
	SUEZ	02	9	24	1	1	5	Ac	14.8	21.6	31	02	7	10	1	1	5	Cu	11.6	-5.6	15.2	24	+2	12	+1	68	0	19	13	144
UPPER EGYPT	FAIYÛM	02	8	30	1	1	4	Cu	15.1	22.1	30	02	7	14	1	1	4	Cu	11.6	-6.1	12.9	25	+2	9	+1	54	0	tr.	7	153
	MINYA	01	8	32	2	1	3	Cu	14.4	21.5	40	02	5	32	1	1	4	As	11.8	-5.8	13.8	22	-1	8	0	57	0	4	—	154
	ASYÛT	01	8	02	2	0	3	Ac	14.3	20.4	51	02	6	12	3	1	5	As	12.7	-5.2	15.7	24	0	9	+1	53	0	2	4	155
	QENA	00	8	10	1	0	0	—	14.0	25.8	37	02	8	02	1	1	5	Cu	13.4	-2.6	16.7	28	0	11	+1	47	0	dr.	—	156
	LUXOR	00	7	30	3	0	0	—	13.6	25.5	37	02	7	10	2	1	4	Cu	13.0	—	12.7	28	—	8	—	68	0	dr.	—	157
	ASWÂN	00	7	32	2	0	0	—	10.8	27.4	12	00	7	00	0	0	0	—	11.9	-4.9	16.2	28	0	12	0	33	0	1	—	158
WESTERN DESERT	SÎWA	03	7	10	3	2	8	Cu	—	21.8	67	02	7	26	1	2	5	Sc	—	—	16.4	22	-1	11	+4	78	0	5	6	148
	BAHARIYA	00	9	00	0	0	0	—	15.9	21.0	27	02	9	00	0	1	4	—	10.8		17.0	24	—	12	—	26	0	0		149
	KHARGA	02	7	02	2	1	5	Cs	16.4	20.2	33	02	7	04	1	1	4	Cc	12.4	-4.8	16.8	22	-4	10	+2	35	0	dr.	tr.	151
	DAKHLA	01	7	04	1	1	2	Co	15.2	23.5	41	01	6	08	2	2	3	Ac	12.6	-5.1	15.2	26	0	10	+2	44	0	dr.	—	152
RED SEA	TÔR	00	6	28	2	0	0	—	14.2	21.8	53	01	6	32	2	0	4	Cc	13.1	-3.0	15.2	22	-1	11	0	47	0	19	12	145
	HURGHÂDA											02	9	24	1	1	4	Ci	—	—	20.8	22	-2	11	+1	54	0	1	—	146
	QUSEIR	00	7	32	3	0	0	—	15.6	21.5	70	01	7	24	1	1	4	Ac	13.4	-1.9	19.1	23	-1	14	-1	61	0	tr.	6	147
	PORT SUDAN	01	—	04	2	0	—	—	11	25	55	00	—	28	1	0	0	—	13.3	-0.5	24.2	28	0	21	+2	54	0	71	105	169
NORTH SUDAN	WÂDI HALFA	00	8	28	3	0	0	—	—	26	23	00	8	00	0	0	0	—	13.5	-3.2	14.4	28	-1	10	0	37	—	—	—	165
	KAREIMA	00	8	28	4	0	0	—	10.4	31	26	00	8	00	0	0	0	—	12.9	-0.1	18.7	31	-2	14	0	38	0	0	1	166
	'ATBARA	01	—	20	3	0	—	—	8	32	10	00	—	32	2	0	0	—	11.4	-1.6	21.0	32	-1	14	-1	34	0	6	1	167
	KHARTÛM	00	8	04	3	0	0	—	6.3	36	13	00	8	32	3	0	0	—	9.5	-2.6	21.2	36	+1	18	+1	27	0	dr.	5	168
	KASSALA	00	8	04	4	0	0	—	3.4	34	18	00	8	02	3	0	0	—	8.8	-1.6	19.0	35	-2	15	-3	46	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	32	4	0	—	—	5	35	—	00	—	04	3	0	0	—	9.5	-2.0	23.0	36	0	16	-1	18	0	2	13	171
	DUEIM	01	—	—	3	0	—	—	4	35	10	00	—	—	3	0	0	—	9.9	-1.6	22.4	35	-1	19	+3	31	0	14	12	173
	RENK	00	8	28	2	0	0	—	8.0	36	13	01	7	28	2	1	3	—	—	—	23	37	—	17	—	31	0	—	—	182
	ROSEIRES	01	—	30	1	0	—	—	2	38	10	00	—	14	1	0	0	—	6.3	-3.9	25.8	40	+2	17	-1	41	0	27	38	172
	EL OBEID	01	8	04	1	0	2	—	5.5	32	14	00	8	02	3	0	0	—	10.7	-3.0	20.1	33	0	16	+4	32	0	8	19	174
	EL FÂSHER	01	—	30	1	0	—	—	—	35	—	00	—	04	2	0	0	—	—	—	19.8	36	+3	13	+1	29	0	0	8	175
	GENEINA	01	8	06	2	0	2	—	—	35	15	01	7	06	1	0	3	Ac	—	—	14	39	—	12	—	67	0	dr.	—	179
	KADUGLI											01	7	28	4	0	3	As	—	—	18	36	—	—	—	60	0	—	—	187
S. SUDAN	MALAKÂL	01	7	02	3	1	2	—	4.2	35	23	01	8	16	2	1	4	Ac, Cc	9.6	-0.3	21.8	37	-1	18	-2	44	0	83	93	176
	WÂU											02	—	24	1	0	4	—	8.0	-1.5	22.7	37	0	19	-1	46	0	107	154	177
	JÛBA	01	8	04	2	0	2	—	4.5	34	12	02	8	10	2	0	5	Cu, Sc	8.4	-1.5	25.9	34	-3	22	+1	76	dr.	241	148	178

UPPER WINDS ON [illegible] 28

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

SALÛM 7h. m.	MATRÛH 7h. m.	DIKHEILA 8h. m.	CAIRO 8h. m.	HELWÂN 8h. m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 3h. m.	KAREIMA 5h. m.	KHARTÛM 6h. m.	KASSALA 6h. m.	EL OBEID 6h. m.	MALAKÂL 6h. m.	JÛBA 7h. m.	Salum 27th 13h. m.
02.13.30	02.12.50	03.10.40	02.18.25	02.14.20	05.16.10	05.08.05	06.04.15	06.03.30	06.02.40	06.03.20	07.02.25	06.03.40	06.25.15	02.16.[illegible]
05.17.120	05.14.50	06.12.30	05.18.30	05.17.30	10.29.10	10.10.10	10.04.10	10.01.40	10.01.25	10.01.20	10.03.40	10.03.45	10.24.20	05.13.[illegible]
08 18 90	07.15.40	11.14.20	10.16.10	08.18.35	15.28.20	15.28.20	15.24.05	15.35.40	15.34.20	15.01.20	15.04.30	15.06.25	15.23.20	10.17[illegible]
10.28.45	Ent. Cb	16.01.05	12.30.10	10.17.25	20.30.25		20.24.15	20.32.35	20.34.25	20.31.15	20.06.15	20.06.05	20.22.15	15.2[illegible]
13.32.35		17.25.10	15.32.15	15.31.15			24.16.20	21.32.35	30.36.30	30.27.15		30.10.15	23.23.10	20.2[illegible]
15.27.15			20.30.35	20.31.30					40.35.15			40.07.20		25.21.20
18.20.45			25.30.50	23.31.45					50.34.15			47.07.20		30.26.15
Ent. Sc.			30.30.50	25.30.50										35.28.30
			35.28.40											40.27.35
														45.27.25

Forecast for 24 hours from noon on 28th

On the coast fresh southeast winds, strengthening and veering to west later.
Inland light southerly winds, freshening.
Some high cloud. Light rain on the coast in the west probable tomorrow.
Remaining mild.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٨

على السواحل رياح نسيمية جنوبية شرقية ثم تشتد وتتحول الى غربية فيما بعد – وفى الداخل رياح خفيفة جنوبية ثم تشتد نوعا ما. يظهر بعض السحاب العالى ويحتمل تساقط مطر خفيف على الجزء الغربى من السواحل باكرا. تستمر درجة الحرارة معتدلة

STATION	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	62	-2	12.4	+0.5
Ezbekîya	62	+2	11.6	-0.1
Gîza	65	+2	11.4	+0.2
Helwân	45	-4	10.7	+0.7

Gîza Grass minimum on 28th 6.4 °C

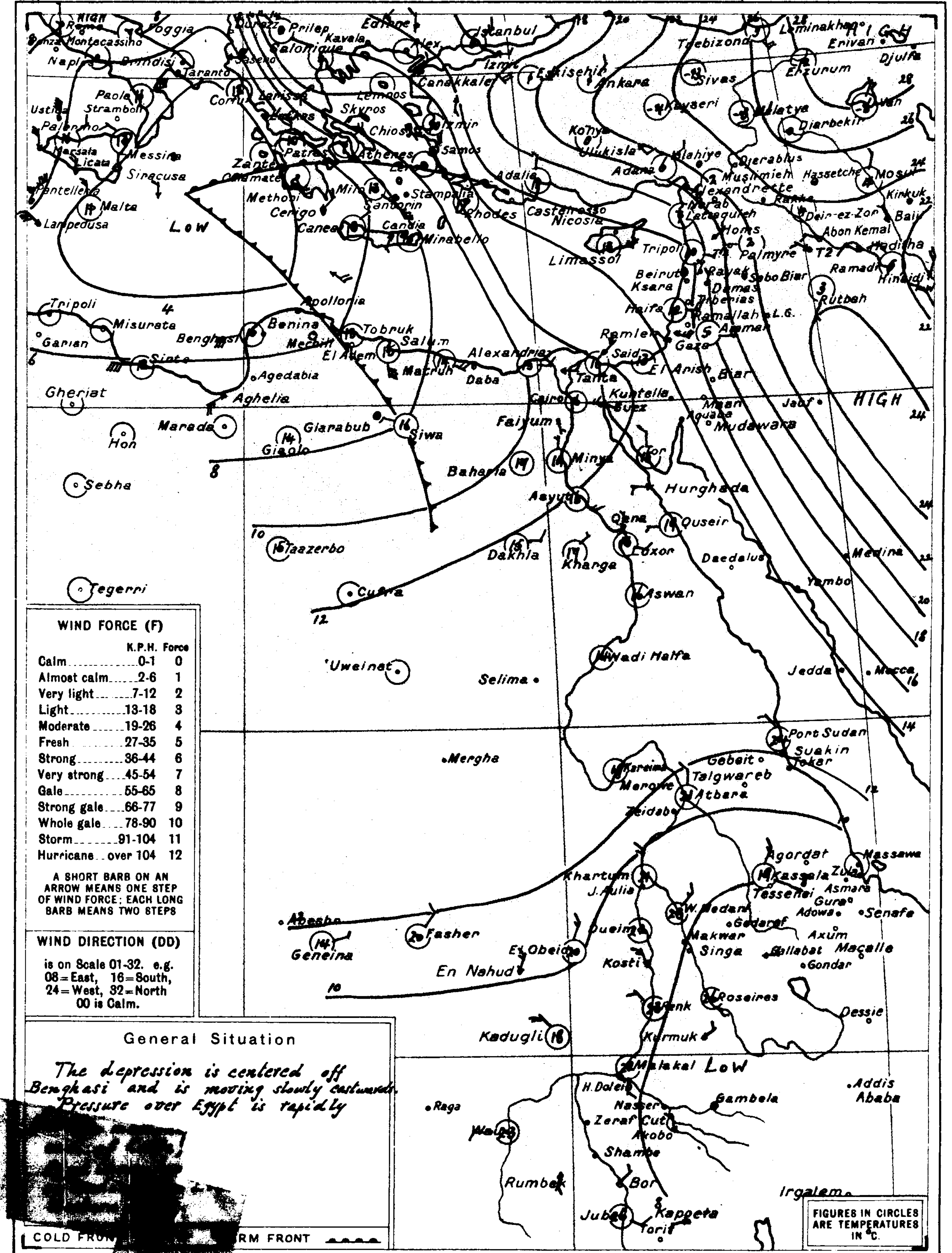
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
28-2	1158	892
27-2	1158	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27.2	13.32	+0.03	13.38	+0.09
Nâsser	27.2	5.56	+0.46	5.59	+0.50
Malakâl	28.2	10.65	+0.30	10.67	+0.31
Roseires	28.2	12.15	+0.59	12.18	+0.61
Sennâr Res.	27.2	20.01	—	20.05	—
J. Aulia U.S	27.2	375.05	—	375.08	—
J. Aulia D.S	27.2	371.26	+0.08	371.26	+0.07
Khartûm	28.2	10.43	+0.05	10.43	+0.06
Kh. el Girba					
'Atbara	28.2	10.34	+0.19	10.36	+0.20
Kajnarti	27.2	133.63	+1.02	133.63	+0.99
Aswân Res.	28.2	121.01	—	121.00	—
Aswân D.S.	28.2	86.24	+0.31	86.24	+0.30
Rôda (Cairo)	28.2	15.91	+0.33	15.91	+0.33

Printed by the Survey & Mines Dept. 1938 (38/554)

٢٨-٢-١٩٣٩ Isobars, Wind and Temperature at 8 h. 28-2-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The depression is centered off Benghasi and is moving slowly eastwards. Pressure over Egypt is rapidly [illegible]

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

[illegible] 28th — الساعة ٨ يوم ٢٨

STATION	[illegible]	[illegible]	[illegible]	F (Force)	W (Past Weather)	N (Cloud Amount)	C (Cloud Form)	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	TTT (Dry Bulb °C)	MM (Max. Yesterday °C)	Diff. from norm. °C	mm (Min. Today °C)	Diff. from norm. °C	UU (% Humidity)	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Lima[illegible]	[illegible]	[illegible]	[illegible]	5	2	8	—	15.6	+0.6	13	—	—	—	—	—	0	493	381
Haif[illegible]	[illegible]	[illegible]	8	3	—	5	—	15.0	+0.4	12.2	18	-2	8	-1	74	0	509	598
Ga[illegible]	[illegible]	[illegible]	8	1	2	6	Ac	14.3	-1.1	11	—	—	10	+1	75	0	—	340

23006 12403 06860 74308 5662X
16906 322X5 01655 69X84 67012

Remarks

Atbara river gauge reading for 29-1-39 published on 29&30-1-39 should read 10.84 M. instead of 10.80 M.

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

[illegible]N: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 21 m
" " Sunset 17 h 24 m

Month **MARCH** 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 28-2 الساعة ١٤ يوم ٢٨-٢ — At 8 h. on WEDNESDAY 1st الساعة ٨ يوم الأربعاء ١

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. Press M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	40	3	24	5	4	8	As	6.3	20.2	35	01	6	26	6	1	3	Cu	8.2	-9.1	9.0	21	—	8	—	91	0	75	—	130
MATRUH	02	6	10	4	5	5	Cb	4.6	18.9	76	02	7	24	5	1	5	St	5.4	-11.8	11.9	23	+4	10	+1	87	dr.	96	142	131
DIKHEILA	60	5	28	4	5	6	Ns	8.2	17.1	75	06	6	22	6	1	2	As	6.0	—	14.7	21	—	12	—	60	dr.	75	—	150
ALEXANDRIA	03	9	32	2	2	7	Sc	9.6	18.5	62	01	9	20	7	2	3	Ac	5.4	-11.4	14.3	22	+2	14	+2	67	tr.	153	170	132
DAMIETTA											03	7	20	2	2	8	As	4.8	—	13.5	21	—	12	—	71	dr.	61	93	159
PORT SAID	00	8	04	2	2	0	—	7.8	19.3	69	05	5	20	5	1	0	—	5.3	-10.0	15.0	21	+1	14	+2	70	1	50	63	134
EL ARISH	01	7	02	3	1	2	Cu	10.7	18.8	64	03	7	20	2	1	8	As	5.6	—	16.2	24	—	12	—	65	2	106	72	135
LOWER EGYPT																													
DAMANHUR											03	4	20	4	2	8	Cs	6.3	-10.0	12.8	24	+2	12	+4	68	dr.	24	86	136
MANSURA											02	4	16	2	1	5	As	5.4	—	12.9	25	+3	11	+3	69	1	41	41	137
TANTA	02	7	20	2	1	5	Sc	7.5	25.5	39	03	6	20	3	2	8	Sc	6.6	-10.4	13.5	26	+3	10	+2	72	2	33	32	138
ZAGAZIG	01	7	20	1	1	4	Cc	7.4	26.6	67	01	7	20	2	4	3	Cc	6.6	—	13.9	27	+5	11	+4	67	dr.	26	22	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	8	18	2	1	3	Cs	13.3	27.2	14	08	3	18	4	1	9	—	7.8	—	16.0	27	—	14	—	44	dr.	10	—	141
EZBEKIYA	01	8	20	2	1	3	Cs	6.7	27.2	19	05	4	22	3	2	7	As	7.4	-9.6	15.8	29	+6	13	+4	51	dr.	12	19	—
GIZA	02	9	18	1	2	4	Cs	6.6	28.2	19	05	4	22	2	4	0	—	7.6	-10.2	15.9	29	+7	8	+1	53	dr.	11	19	—
HELWAN	01	9	20	2	0	3	Cc	5.9	26.3	14	40	3	18	2	4	9	—	7.9	-9.4	14.0	27	+5	13	+3	57	tr.	19	20	143
SUEZ	01	8	16	2	1	4	As	7.0	21.3	51	05	5	00	0	0	0	—	8.2	-8.8	18.3	23	+1	15	+4	51	0	19	13	144
UPPER EGYPT																													
FAIYUM	02	7	14	1	1	4	Cu	6.4	28.0	17	03	5	16	1	1	8	Sc	9.0	-8.6	14.0	29	+5	12	+4	56	dr.	tr.	7	153
MINYA	01	7	20	3	2	3	As	6.4	26.2	25	03	4	30	1	2	8	Cs	9.6	-7.9	15.1	28	+5	13	+5	49	0	4	—	154
ASYUT	02	8	12	3	1	5	Ac	7.2	25.2	39	05	5	22	3	0	0	—	10.3	-7.5	15.7	26	+1	12	+4	53	0	2	4	155
QENA	03	8	10	3	2	8	Cu	10.6	24.0	39	03	7	24	1	1	8	As	9.6	-6.3	17.0	27	-1	13	+3	56	0	dr.	—	156
LUXOR	03	7	26	2	2	8	Sc	8.2	26.1	43	03	6	08	3	2	8	Cu	9.3	—	18.9	28	—	8	—	53	0	dr.	—	157
ASWAN	00	7	16	1	0	0	—	6.3	33.0	19	08	4	30	1	0	0	—	9.3	-7.5	20.4	34	+6	16	+4	27	0	1	—	158
WESTERN DESERT																													
SIWA	18	4	24	4	5	8	Sc	8.2	23.9	41	00	8	24	3	0	0	—	10.0	-7.5	13.0	25	+1	12	+5	20	1	6	6	148
BAHARIYA	02	9	16	1	1	4	—	6.7	30.0	11	00	9	24	1	0	0	—	10.7	—	14.0	31	—	12	—	47	0	0	—	149
KHARGA	02	7	20	2	1	4	Cs	9.3	28.2	23	00	8	28	1	0	0	—	11.4	-5.6	19.2	29	+2	15	+7	47	0	dr.	tr.	151
DAKHLA	02	6	12	3	1	5	Cs	7.5	29.1	38	03	6	24	3	2	7	As	12.6	-5.0	14.1	31	+4	7	-1	64	0	dr.	—	152
RED SEA																													
TOR	01	6	16	3	0	4	Cc	7.5	25.2	60	20	6	32	3	6	4	Ns	7.1	-8.9	18.8	26	+3	14	+3	56	dr.	19	12	145
HURGHADA											01	9	28	3	0	3	Cu	6.6	-9.0	21.6	24	0	15	+4	62	0	1	—	146
QUSEIR	01	7	04	2	1	4	Ac	10.6	22.2	71	00	7	22	1	0	0	—	6.7	-8.5	22.7	24	0	16	+1	52	0	tr.	6	147
PORT SUDAN											00	—	20	1	0	0	—	8.2	-5.6	24.0	27	-1	19	0	79	0	71	105	169
NORTH SUDAN																													
WADI HALFA											05	6	32	3	1	3	Ac,As	11.8	-4.6	19.4	32	+3	11	+1	30	—	—	—	165
KAREIMA											00	8	00	0	0	0	—	10.5	-3.8	19.0	34	+1	15	+1	23	0	0	1	166
ATBARA											00	—	02	2	0	0	—	9.1	-3.8	22.8	34	+1	15	0	24	0	6	1	167
KHARTUM											08	5	24	1	0	0	—	7.7	-4.1	21.6	38	+2	17	0	29	0	dr.	5	168
KASSALA											00	8	06	2	0	0	—	7.2	-3.1	23.3	36	-1	16	-2	52	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	10	3	0	0	—	7.8	-3.7	23.9	37	+1	13	-4	13	0	2	13	171
DUEIM											00	—	—	2	0	0	—	8.4	-2.9	24.2	37	+1	19	+3	33	0	14	12	173
RENK																			—			—		—					182
ROSEIRES											00	—	26	1	0	0	—	5.5	-4.5	24.9	40	+2	17	-1	43	0	27	38	172
EL OBEID											01	9	00	0	0	3	Ci	8.4	-4.9	22.3	36	+2	15	+1	36	0	8	19	174
EL FASHER											00	—	02	2	0	0	—	—	—	19.9	40	+7	13	+1	30	0	0	8	175
GENEINA											17	6	32	1	1	4	Ac	—	—	15.6	40	—	13	—	59	0	dr.	—	179
KADUGLI																													187
S. SUDAN																													
MALAKAL											02	8	16	1	2	6	Cs	8.2	-1.6	26.5	38	0	19	-1	31	0	83	93	176
WAU											01	—	20	2	0	4	—	6.7	-2.7	27.5	38	+1	22	+2	50	0	107	154	177
JUBA											02	8	32	2	8	5	Sc	10.8	+1.0	25.2	36	-1	22	+1	76	dr.	241	148	178

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

UPPER WINDS

SALUM 7 h.	MATRUH 7 h.	DIKHEILA h. m.	CAIRO 8 h 30 m	HELWAN 8 h 30 m	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 4 h.	KHARTUM 6 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 6 h.	Salum 28/2 13 h.
02.28.40	02.26.60		02.26.35	02.22.20	05.29.25	02.35.20	03.35.25	06.04.25	06.08.10	06.08.10	07.02.25	06.09.10	06.01.20	02.28.25
05.30.—	05.28.80		05.26.30	05.26.40	10.30.35	05.34.45	06.35.55	10.04.10	10.08.10	10.04.15	10.02.35	10.04.30	10.03.30	05.26.35
10.32.40	07.28.80			08.25.40		10.33.30	10.33.35	15.03.05	15.12.10	15.04.30	15.04.40	15.05.25	15.03.25	
15.31.45	Ext. St.						15.29.30	20.01.10	20.07.20	20.04.30	20.09.20	20.02.10	20.04.15	
20.30.80							20.27.40		30.05.15	30.01.30		30.02.20		
							23.24.45		39.01.10			40.06.20		
												45.11.10		

Forecast for 24 hours from noon on 1st
On the coast westerly winds of gale force, moderating tomorrow to fresh or strong west to northwest. Inland strong southwest to west winds, moderating tomorrow.
Mainly clear today; some low cloud tomorrow.
Showers in the north probable tomorrow.
Becoming cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١
على السواحل رياح غربية تصل قوتها إلى العاصفة ثم تعتدل باكر
وتصير غربية أو شمالية غربية نسيمية أو شديدة
وفي الداخل رياح شديدة جنوبية غربية إلى غربية ثم
تعتدل باكر — السماء صحو على العموم اليوم ثم يظهر بعض السحاب
المنخفض باكر — يحتمل سقوط أمطار في الشمال باكر
تنخفض درجة الحرارة

STATION	Mean of day: Humidity % on 28/2	Diff. from normal	Wet bulb temp °C on 28/2	Diff. from normal
Alexandria	68	+4	13.4	+1.4
Ezbekiya	58	-2	13.3	+1.5
Giza	62	-1	13.7	+2.3
Helwan	35	-14	11.8	+1.8

Giza Grass minimum on 1st 8.1 °C

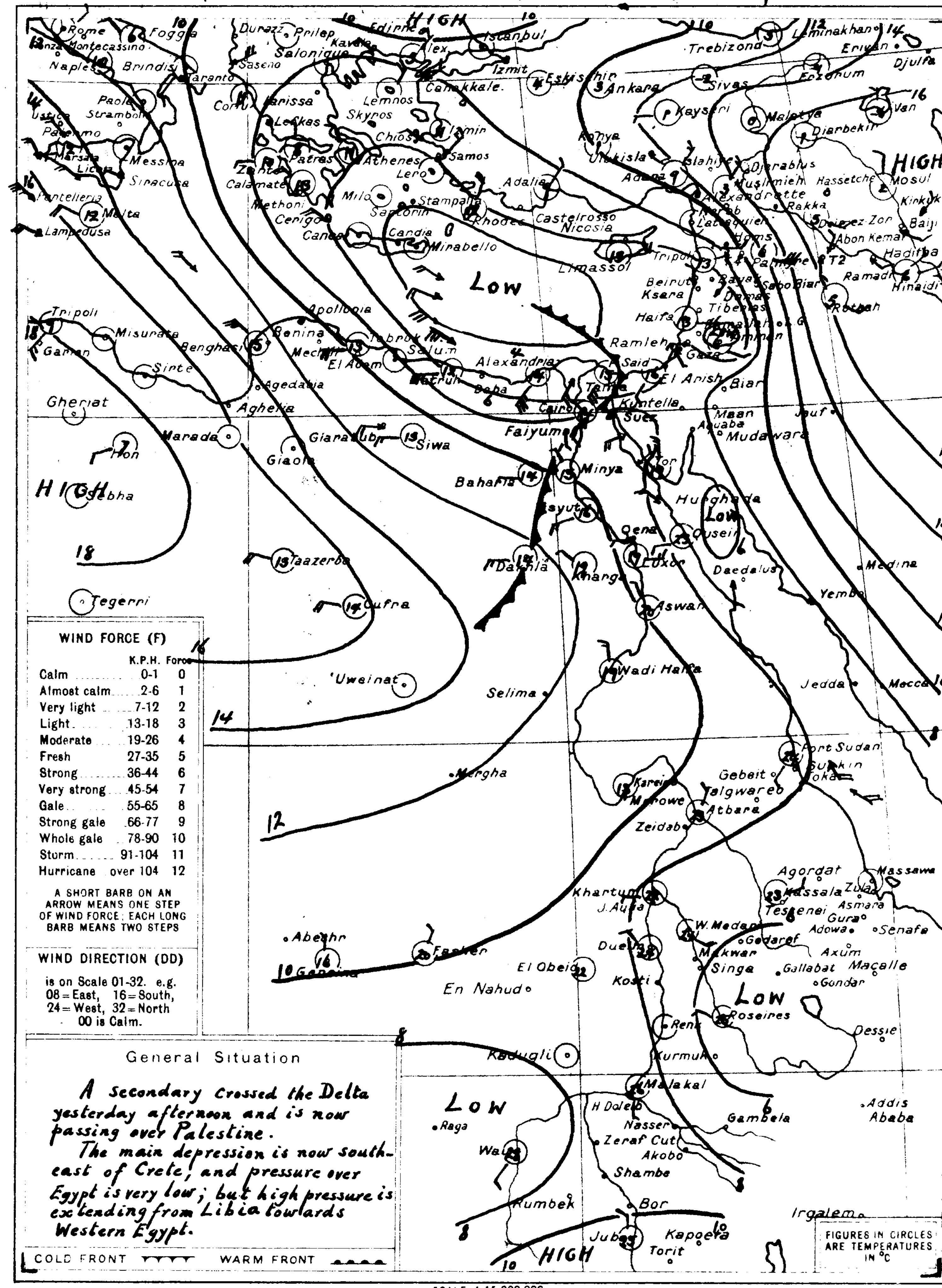
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
1-3	1159	892
28-2	1158	892

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1-3	13.33	+0.04	13.33	+0.04
Kasser	28-2	5.53	+0.41	5.56	+0.46
Malakai	1-3	10.63	+0.29	10.65	+0.30
Roseires	1-3	12.12	+0.58	12.15	+0.59
Sennar Res.	28-2	19.96	—	20.01	—
J. Aulia U.S	1-3	375.23	—	375.15	—
J. Aulia D.S	1-3	371.18	+0.02	371.20	+0.03
Khartum	1-3	10.42	+0.04	10.43	+0.05
Kh. el Girba					
Atbara	1-3	10.32	+0.18	10.34	+0.19
Kajnarti	28-2	133.64	+1.05	133.63	+1.02
Aswan Res.	1-3	121.04	—	121.01	—
Aswan D.S.	1-3	86.24	+0.33	86.24	+0.31
Roda (Cairo)	1-3	15.91	+0.32	15.91	+0.33

Printed by the Survey & Mines Dept. 1938 (38/554)

١-٣-٣٩ Isobars, Wind and Temperature at 8 h. 1-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

A secondary crossed the Delta yesterday afternoon and is now passing over Palestine.
The main depression is now south-east of Crete, and pressure over Egypt is very low; but high pressure is extending from Libia towards Western Egypt.

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 1-3-39 الساعة ٨ يوم ١-٣-٣٩

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	03	5	06	4	5	8	—	5.4	-9.6	13	—	—	—	—	—	3	496	381
Haifa	01	—	08	3	—	4	—	6.4	-8.0	13.4	17	4	12	+3	58	0	509	601
Gaza	00	8	12	1	0	0	—	6.3	-9.0	14	—	—	10	+1	60	Rain	—	343

SHIPS سفن
43284 - 33206 - 04205 - 10764 - 60013 - 43101.
43343 - 26706 - 26306 - 03760 - 64296 - 43027.
43325 - 26906 - 26604 - 00750 - 66596 - X6620.
43293 - 32706 - 22439 - 09667.

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 20 m
" " Sunset 17 h 54 m

Month MARCH 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 1st — الساعة ١٤ يوم ١ | At 8 h. on THURSDAY 2nd — الساعة ٨ يوم الخميس ٢

Region	STATION	ww (14h)	V	DD	F	W	N	C	PPP	TTT	UU	ww (8h)	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm °C	mm Min. Today °C	Diff. from norm °C	UU % Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITER.	[illegible]LUM	02	7	26	6	5	4	Cu	9.1	18.4	47	01	8	26	4	6	3	Cu	15.6	-1.7	9.6	19	—	8	—	92	1	76	—	130
	[illegible]RUH	21	6	26	6	5	7	Cb	6.3	16.8	80	20	6	28	5	6	8	Cb	11.5	-5.6	15.3	17	-2	11	+2	80	5	101	142	131
	[illegible]HE'LA	05	6	22	7	2	4	Cu	5.9	17.5	54	81	7	26	4	6	4	Cb	10.3	—	13.8	18	—	13	—	95	4	79	—	150
	ALEXANDRIA	02	9	24	7	2	5	Ac	5.1	17.0	68	03	9	28	5	6	6	Cu	9.4	-7.4	13.6	17	-3	14	+2	96	1	154	170	132
	DAMIETTA											03	7	20	3	2	6	Ac	8.6	—	13.2	19	—	10	—	87	0	61	93	159
	PORT SAÏD	01	6	20	6	1	3	Cu	4.4	20.0	53	02	6	20	5	1	4	Ac	9.0	-6.3	13.5	20	0	12	0	89	dr	50	63	134
	EL 'ARISH	12	4	22	4	1	9	—	5.4	20.9	37	01	7	20	3	1	3	Cu	9.3	—	14.8	24	—	12	—	78	0	106	72	135
EGYPT	DAMANHÛR											02	5	26	4	2	5	Cu	10.0	-6.3	13.4	16	-6	11	+3	91	dr	24	86	136
	MANSURA											01	7	18	1	1	4	Ac	9.5	—	12.8	20	-2	10	+2	86	dr	41	41	137
	[illegible]TA	03	6	24	6	2	8	Ns	5.6	20.0	47	03	6	24	5	2	6	Sc	10.3	-6.7	14.5	21	-2	10	+2	84	0	33	32	138
	[illegible]ÂZIG	02	7	20	6	1	4	Cc	5.8	20.7	39	01	7	20	4	1	3	Cs	10.7	—	15.4	21	-1	9	+2	73	dr	26	22	139
MIDDLE EGYPT — CAIRO	[illegible]ALMAZA	05	5	22	7	4	4	Cu	6.7	21.0	27	02	7	20	2	2	4	As	11.4	—	15.2	21	—	12	—	60	dr	10	—	141
	EZBEKÎYA	05	6	22	5	2	5	Cu	6.7	21.4	33	02	6	20	4	1	5	Cu	11.1	-5.8	15.3	22	-1	13	+4	67	dr	12	19	—
	GIZA	05	6	22	5	1	4	As	6.7	21.8	36	03	5	20	2	1	6	Cs	11.1	-6.6	14.7	24	+2	10	+3	71	dr	11	19	—
	HELWAN	18	6	22	5	1	5	Cu	6.4	19.9	28	03	7	20	3	2	6	Sc	11.8	-5.4	13.9	21	-1	11	+1	70	dr	19	20	143
	SUEZ	01	7	20	4	1	4	Cu	5.8	22.4	31	02	6	00	0	1	5	Sc	10.8	-6.1	16.7	23	+1	12	+1	56	0	19	13	144
UPPER EGYPT	FAIYUM	03	6	22	5	2	8	Sc	7.5	21.5	32	01	7	18	1	0	3	Cu	12.7	-4.9	14.2	22	-2	11	+3	65	0	tr	7	153
	MINYA	02	6	26	4	1	5	Cs	8.7	22.0	29	03	5	02	1	2	7	Ac	13.3	-4.1	15.0	22	-1	13	+5	60	0	4	—	154
	ASYUT	05	5	22	4	0	0	—	9.4	21.8	44	03	6	22	2	1	6	Ac	14.6	-3.1	14.8	22	-3	10	+1	62	0	2	4	155
	QENA	03	8	24	6	2	8	As	8.4	25.0	34	00	8	24	1	0	0	—	14.4	-1.4	14.0	26	-3	10	0	67	0	dr	—	156
	LUXOR	03	7	26	4	2	8	Ns	8.2	25.0	39	00	7	22	3	0	0	—	14.3	—	16.0	25	—	10	—	63	0	dr	—	157
	ASWAN	08	4	32	3	0	0	—	6.8	27.8	16	00	5	28	1	0	0	—	14.8	-1.9	15.2	28	0	13	+1	45	0	1	—	158
WESTERN DESERT	SIWA	12	6	26	5	3	7	Cu	9.8	20.8	60	00	8	26	2	0	0	—	—	—	13.0	22	-2	12	+5	88	0	6	6	148
	BAHARIYA	00	9	32	2	0	0	—	10.0	19.5	39	00	9	00	0	0	0	—	14.8	—	14.0	20	—	10	—	67	0	0	—	149
	KHARGA	05	5	04	5	0	0	—	9.3	26.8	38	00	8	04	1	0	0	—	16.7	-0.2	14.5	27	0	10	+1	50	0	dr	tr	151
	DAKHLA	01	6	28	6	2	3	Cs	11.6	21.7	67	00	7	24	1	0	0	—	17.1	-0.4	10.5	22	-5	8	0	91	0	dr	—	152
RED SEA	TOR	30	3	32	4	3	4	Cs	5.8	24.5	35	00	5	32	2	0	0	—	11.6	-4.3	18.5	25	+2	14	+3	63	0	19	12	145
	HURGHADA											05	5	26	4	0	0	—	11.6	-3.9	20.0	24	0	14	+3	47	0	1	—	146
	QUSEIR	12	5	24	2	3	7	As	6.2	29.2	25	12	6	24	3	0	0	—	12.7	-2.4	19.4	29	+5	16	+1	46	0	tr	6	147
	PORT SUDAN											01	—	28	2	1	4	—	11.2	-2.5	25.8	28	0	22	+3	37	0	71	105	169
NORTH SUDAN	WÂDI HALFA											05	6	02	2	0	0	—	15.1	-1.3	15.0	28	-1	15	+4	39	0	—	—	165
	KAREIMA											05	7	30	4	0	0	—	14.5	+0.3	20.0	35	+2	16	+1	25	0	0	1	166
	'ATBARA											30	—	30	6	0	0	—	11.5	-1.3	23.0	38	+4	20	+4	17	0	6	1	167
	KHARTUM											18	5	02	4	0	0	—	10.3	-1.5	22.3	41	+5	21	+4	29	0	dr	5	168
	KASSALA											00	8	02	3	0	0	—	7.8	-2.4	22.2	40	+3	18	-1	29	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	02	5	0	0	—	8.7	-2.7	24.3	41	+4	15	-2	12	0	2	13	171
	DUEIM											00	—	—	4	0	0	—	9.1	-2.1	23.8	39	+3	20	+4	32	0	14	12	173
	RENK																			—			—		—					182
	ROSEIRES											00	—	22	1	0	0	—	5.4	-4.6	27.4	42	+4	18	0	35	0	27	38	172
	EL OBEID											00	7	30	3	0	0	—	10.7	-2.5	20.3	40	+6	18	+4	25	0	8	19	174
	EL FASHER											00	—	02	2	0	0	—	—	—	19.1	40	+7	15	+3	31	0	0	8	175
	GENEINA											03	7	16	4	1	7	Ac	—	—	18.9	40	—	18	—	63	0	dr	—	179
	KADUGLI																													187
S. SUDAN	MALAKAL											00	8	32	1	1	0	—	5.6	-4.2	27.1	40	+2	22	+2	49	0	83	93	176
	WAU											01	—	16	1	0	4	—	5.9	-3.5	23.5	39	+2	22	+2	62	0	107	155	177
	JUBA											00	8	12	4	0	0	—	7.6	-2.2	27.1	35	-2	22	+1	69	dr	241	149	178

UPPER WINDS

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

SALÛM 7 h.	MATRUH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWAN h. m.	ASYÛT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	Salum 13 h.
02.29.25					05.29.45	02.33.15	03.01.30	06.01.50	06.01.40	06.02.10	07.02.25	06.20.30	06.24.20	02.29.40
05.31.—					10.30.30	05.35.30	06.01.40	10.01.45	10.01.35	10.03.20	10.03.40	10.20.25	10.23.25	05.30.—
10.32.40					15.30.40	10.33.30	10.36.25	15.35.50	15.34.15	15.36.15	15.04.45	15.20.15	15.22.25	10.29.15
					20.31.35	15.32.45	13.35.20	20.34.30	20.28.10	20.02.10	20.05.20	20.02.15	20.21.15	14.13.05
								24.34.25	30.32.20	30.03.10		30.03.40	30.19.20	Ext. Cb.
									40.33.20			36.04.35	40.19.40	
									50.30.30				50.16.05	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 1st	Diff. from normal	Wet bulb temp °C on 1st	Diff. from normal
Alexandria	69	+4	12.8	+0.7
Ezbekîya	50	-9	12.4	+0.5
Gîza	46	-16	12.6	+1.2
Helwân	48	0	11.1	+1.1

Gîza Grass minimum on 2nd 6.0 °C

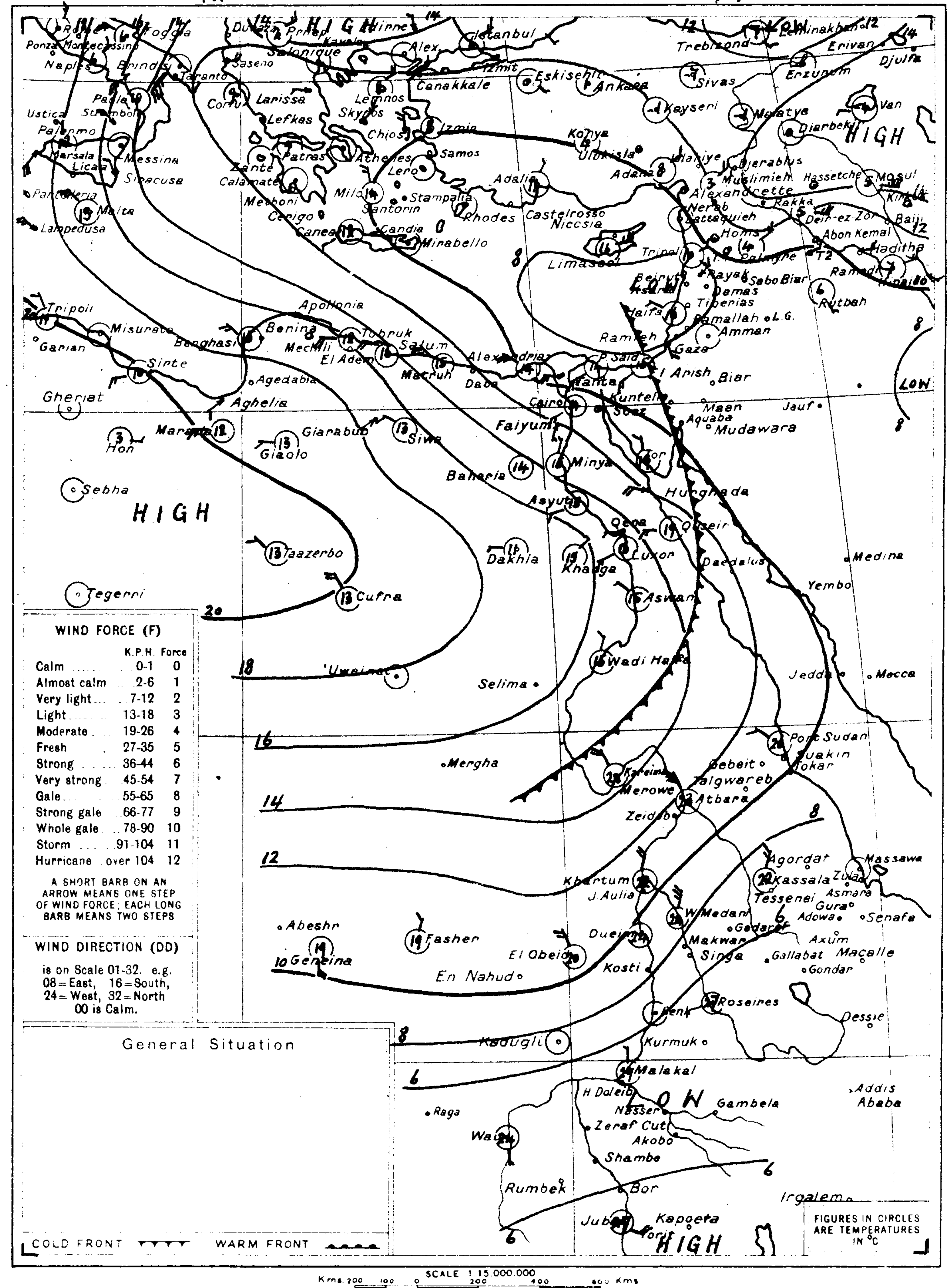
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
2-3	1216	891
1-3	1159	892

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-3	13.36	+0.08	13.33	+0.04
Nasser	2-3	5.48	+0.37	5.51	+0.40
Malakâl	2-3	10.61	+0.28	10.63	+0.29
Roseires	2-3	12.10	+0.57	12.12	+0.58
Sennâr Res	2-3	19.86	—	19.92	—
J. Aulia U.S	2-3	375.07	—	375.23	—
J. Aulia D.S	2-3	371.29	+0.14	371.18	+0.02
Khartûm	2-3	10.44	+0.06	10.42	+0.04
Kh. el Girba					
'Atbara	2-3	10.29	+0.15	10.32	+0.18
Kajnarti	2-3	133.56	+1.02	133.61	+1.06
Aswân Res.	2-3	121.02	—	121.04	—
Aswân D.S.	2-3	86.33	+0.43	86.24	+0.33
Rôda (Cairo)	2-3	15.91	+0.32	15.91	+0.32

Printed by the Survey & Mines Dept. 1938 (38/554)

.١٩٣٩ - ٣ - ٢ Isobars, Wind and Temperature at 8 h. 2·3·1939.



At 8 h. on 2nd — الساعة ٨ يوم ٢

STATION محطة	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm °C	mm Min. Today °C	Diff. from norm °C	UU % Humidity	Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	6	06	5	2	3	—	8.7	-6.3	11	—	—	—	—	—	15	511	382
Haifa	01	—	26	1	—	3	—	7.8	-6.5	16.4	19	-2	11	+2	71	4	513	602
Gaza	02	5	14	3	1	6	Fx	9.1	-6.1	14	—	—	10	+1	75	—	—	344
SHIPS سفن																		

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

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

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

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

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

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

CAIRO
Time of Sunrise h. 06 m. 19
" " Sunset h. 17 m. 55

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

DAILY WEATHER REPORT

Month *March* 1939 ١٩٣٩ شهر مارس

At 14 h. on *2nd* الساعة ١٤ يوم ٢ — At 8 h. on *FRIDAY 3rd* الساعة ٨ يوم الجمعة ٣

Region	STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALÛM	50	8	26	5	5	7	Cb	15.8	16.8	66	02	7	24	5	1	5	Cu	15.4	-1.8	9.1	18	—	8	—	87	dr.	76	—	130
	MATRÛH	02	7	26	5	5	5	Cu	13.0	17.1	68	01	7	22	3	1	3	Cu	13.1	-4.0	13.7	17	-2	10	+1	79	dr.	101	143	131
	DIKHEILA	01	8	26	4	5	4	Cu	12.2	17.0	70	01	8	20	3	1	4	Sc	13.9	—	14.0	17	—	10	—	69	1	80	—	150
	ALEXANDRIA	02	9	28	5	2	5	Cu	11.4	18.2	62	02	8	18	3	2	5	Ac	13.3	-3.4	14.4	19	-2	12	0	76	0	154	171	132
	DAMIETTA											00	8	20	2	0	0	—	12.8	—	13.9	18	—	9	—	81	0	61	94	159
	PORT SAÎD	02	7	28	5	1	4	Ac	9.1	17.5	80	00	7	20	5	1	0	—	13.5	-1.7	13.9	20	0	12	0	86	0	50	64	134
	EL 'ARÎSH	50	6	30	3	1	8	Cb	8.2	17.0	70	00	7	16	1	1	0	—	13.8	—	14.8	20	—	11	—	81	2	108	73	135
LOWER EGYPT	DAMANHÛR											01	6	20	4	1	2	Cu	14.0	-2.3	12.2	17	-5	9	+1	86	0	24	87	136
	MANSÛRA											00	8	20	2	0	0	—	13.6	—	13.5	20	-2	9	+1	82	dr.	41	41	137
	TANTA	02	7	28	5	1	5	Cu	10.3	19.5	59	01	7	24	2	1	4	Sc	14.6	-2.4	13.0	20	-3	8	0	83	0	33	32	138
	ZAGÂZIG	02	7	28	6	1	4	Cc	10.6	20.9	56	01	7	20	3	1	3	Cc	14.6	—	14.4	22	-1	7	0	78	0	26	22	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	02	8	24	4	5	5	Cu	11.1	19.4	49	05	7	18	3	1	5	Cu	15.1	—	14.6	21	—	11	—	71	dr.	10	—	141
	EZBEKIYA	02	8	28	4	1	5	Cu	10.8	21.6	46	02	6	16	3	1	4	Sc	15.0	-1.8	14.0	23	0	12	+3	77	0	12	19	—
	GIZA •	02	7	20	5	2	5	Cb	11.1	20.7	53	02	5	12	2	1	4	Sc	15.1	-2.6	13.8	21	-1	9	+2	79	dr.	11	19	—
	HELWÂN	60	8	26	4	6	4	Cb	11.0	17.8	62	09	6	12	2	2	5	Cu	15.9	-1.2	11.9	20	-2	11	+1	79	tr.	19	20	143
	SUEZ	21	8	24	3	5	5	Sc	10.6	20.0	50	02	7	00	0	1	4	Cu	15.1	-1.8	16.3	22	0	10	-1	70	dr.	19	13	144
UPPER EGYPT	FAIYÛM	03	6	30	3	1	7	Sc	11.6	20.8	47	01	7	30	1	0	3	Cu	15.8	-1.7	15.1	22	-2	10	+2	58	0	tr.	7	153
	MINYA	02	7	28	4	1	4	Cu	13.0	22.5	39	00	6	26	2	0	0	—	16.8	-0.6	12.9	23	-1	9	+1	56	0	4	—	154
	ASYÛT	02	7	22	4	1	5	Cu	14.0	21.8	45	00	7	22	3	0	0	—	16.8	-0.8	13.4	22	-3	10	+1	62	0	2	4	155
	QENA	00	8	24	4	0	0	—	13.1	24.3	37	00	8	26	1	0	0	—	16.6	+0.9	14.0	25	-4	9	-1	70	0	dr.	—	156
	LUXOR	00	7	30	3	0	0	—	13.3	23.8	43	00	7	—	2	0	0	—	16.2	—	15.7	25	—	7	—	63	0	dr.	—	157
	ASWÂN	00	7	28	2	0	0	—	11.9	24.0	24	00	7	32	1	0	0	—	16.0	-0.6	14.7	25	-4	11	-1	52	0	1	—	158
WESTERN DESERT	SÎWA	01	8	26	1	1	3	Cu	15.1	21.0	74	00	7	00	0	0	0	—	16.4	-1.0	13.0	22	-2	10	+3	67	0	6	6	148
	BAHARÎYA	02	9	24	1	1	4	—	15.5	19.5	43	01	9	24	1	0	3	—	16.2	—	13.0	21	—	9	—	55	0	0	—	149
	KHÂRGA	00	8	32	3	0	0	—	13.6	24.5	24	00	8	00	0	0	0	—	17.5	+0.6	14.8	25	-2	8	-1	51	0	dr.	tr.	151
	DÂKHLA	01	7	28	3	1	2	Ci	17.1	20.9	65	00	7	00	0	0	0	—	18.6	+1.2	8.8?	23	-4	6	-2	74?	0	dr.	—	152
RED SEA	TÔR	01	6	28	3	0	4	Sc	10.7	23.0	56	01	6	32	2	0	1	Cu	14.8	-1.0	16.7	24	+1	12	+1	70	0	19	12	145
	HURGHÂDA											01	9	28	2	0	3	Cu	14.7	-0.8	19.3	26	+2	12	+1	44	0	1	—	146
	QUSEIR	12	6	24	3	1	7	As	11.4	25.0	39	00	7	24	2	0	0	—	14.7	-0.3	19.9	25	+1	14	-2	48	0	tr.	6	147
	PORT SUDAN											00	—	32	1	0	0	—	14.3	+0.6	23.2	28	0	19	0	59	0	71	105	169
NORTH SUDAN	WÂDI HALFA											00	7	02	1	0	0	—	—	—	14.1	25	-4	9	-2	57	—	—	—	165
	KAREIMA											05	7	30	3	0	0	—	15.1	+1.0	17.0	28	-5	14	-1	26	0	0	1	166
	'ATBARA											00	—	32	6	0	0	—	12.0	-0.8	20.5	31	-3	17	+1	25	0	6	1	167
	KHARTÛM											18	6	02	4	0	0	—	12.0	+0.3	19.5	35	-1	17	-1	30	0	dr.	5	168
	KASSALA											00	7	32	2	0	0	—	8.2	-2.0	22.0	39	+2	16	-3	36	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	32	5	0	0	—	9.6	-1.7	22.0	38	+1	16	-1	16	0	2	13	171
	DUEIM											00	—	—	4	0	0	—	10.2	-1.0	22.2	36	0	18	+2	34	0	14	12	173
	RENK																													182
	ROSEIRES											00	—	30	1	0	0	—	6.8	-3.1	24.3	42	+4	20	+2	36	0	27	38	172
	EL OBEID											00	7	32	4	0	0	—	12.1	-1.0	18.0	33	-1	15	+1	36	0	8	19	174
	EL FÂSHER											00	—	02	2	0	0	—	—	—	18.3	36	+3	14	+1	42	0	0	8	175
	GENEINA											00	7	08	3	0	0	—	—	—	17.2	35	—	16	—	80	0	dr.	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL											17	6	02	4	0	2	Ac	9.4	-0.3	25.8	39	+1	22	+2	17	0	83	94	176
	WÂU											01	—	04	3	0	4	—	6.0	-3.4	28.6	40	+2	23	+3	28	0	107	156	177
	JÛBA											01	8	12	2	0	4	Sc	7.2	-2.6	25.5	36	-1	21	0	92	4	245	150	178

UPPER WINDS الرياح العليا

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

SALÛM 7 h.— m.	MATRÛH h. m.	DIKHEILA 8 h.— m.	CAIRO h. m.	HELWÂN h. m.	ASYÛT h. m.	ASWÂN h. m.	WÂDI HALFA 5 h.— m.	KAREIMA 7 h.— m.	KHARTÛM 6 h.— m.	KASSALA 6 h.— m.	EL OBEID 6 h.— m.	MALAKÂL 6 h.— m.	JÛBA 6 h.— m.	Salum 2nd 13 h.— m.
02 27 30		02 25 35					03 03 20	06 03 15	06 36 35	06 05 10	07 01 30	06 03 50	06 12 30	02 29 35
05 31 —		05 27 30					06 03 30	10 02 20	10 03 35	10 03 20	10 04 50	10 03 65	10 24 20	05 30 —
10 29 35		07 29 35					10 03 30	15 01 25	15 36 25	15 01 20	15 03 40	15 03 45	15 27 10	10 31 30
15 27 25		10 28 45					15 03 25	20 34 25	20 26 15	20 36 15	20 04 25		20 30 10	15 31 25
20 27 40							20 31 10	30 31 25	30 28 15	30 32 10			30 26 35	Ent Cb
Ent Cu							30 26 25	31 32 20	34 28 20					
							39 28 50							

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

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

STATION	Mean of day Humidity % on 2nd	Humidity Diff. from normal	Wet Bulb Temp. °C on 2nd	Wet Bulb Diff. from normal
Alexandria	81	+16	13.6	+1.5
Ezbekîya	61	+2	13.5	+1.6
Gîza	63	+1	13.1	+1.6
Helwân	56	+8	12.4	+2.3

Gîza Grass minimum on 3rd 7.2 °C

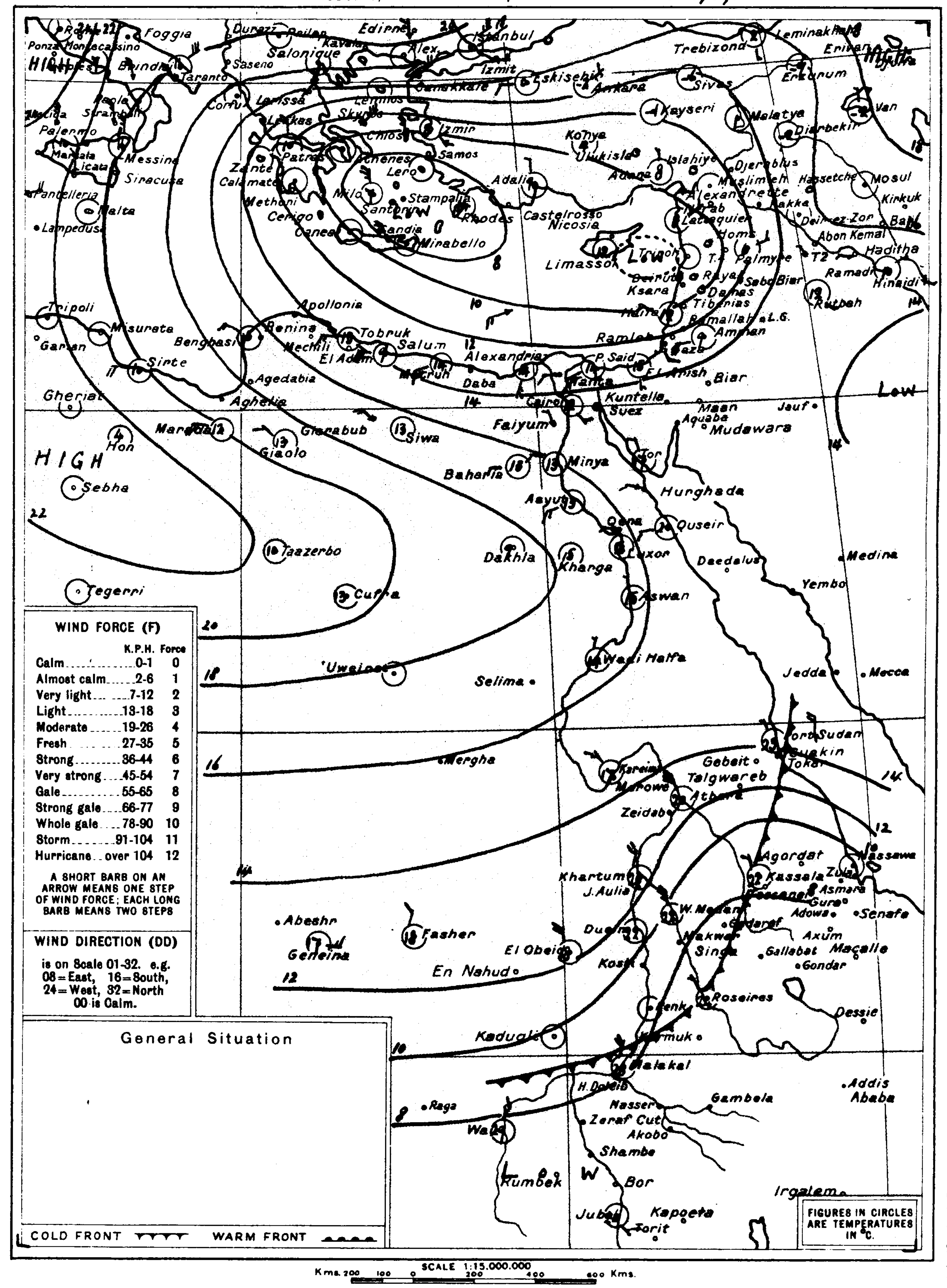
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
3-3	1216	891
2-3	1216	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-3	13.35	+0.07	13.36	+0.08
Nasser	3-3	5.48	+0.38	5.48	+0.37
Malakâl	3-3	10.59	+0.27	10.61	+0.28
Roseires	3-3	12.08	+0.56	12.10	+0.57
Sennâr Res.	3-3	19.82	—	19.86	—
J. Aulia U.S	3-3	375.06	—	375.07	—
J. Aulia D.S	3-3	371.28	+0.14	371.29	+0.14
Khartûm	3-3	10.45	+0.08	10.44	+0.06
Kh. el Girba					
'Atbara	3-3	10.28	+0.14	10.29	+0.15
Kajnarti	3-3	133.45	+0.92	133.56	+1.02
Aswân Res.	3-3	121.01	—	121.02	—
Aswân D.S.	3-3	86.33	+0.44	86.33	+0.43
Rôda (Cairo)	3-3	15.86	+0.27	15.91	+0.32

Printed by the Survey & Mines Dept. 1938 (38/554)

.١٩٣٩ - ٣ - ٣ Isobars, Wind and Temperature at 8 h. 3-3-1939.



STATION محطة	At 8 h. on 3rd (الساعة ٨ يوم ٣) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	00	0	6	1	—	9.0	-5.8	12	—	—	—	—	—	16	527	344
Haifa	03	—	26	1	—	8	—	12.8	-1.5	11.9	18	-3	10	0	93	2	515	603
Gaza	01	7	12	2	1	3	Cu. Sc	14.0	-1.2	13	—	—	10	+1	85	rain	—	344
SHIPS سفن																		

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.

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

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

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

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

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

CAIRO

Time of Sunrise h 06 m 18

" " Sunset h 17 m 56

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

DAILY WEATHER REPORT

Month *MARCH* 1939 ١٩٣٩ شهر مارس

At 14 h. on *3rd* الساعة ١٤ يوم ٣ — At 8 h. on *SATURDAY 4th* الساعة ٨ يوم السبت ٤

Station	14h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	°C Temp TTT	% Humidity UU	8h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff from norm °C	Min Today °C mm	Min Diff from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
…LÛM	03	8	24	5	2	7	Cb	13.6	16.9	42	50	7	24	5	5	4	Cb	15.1	-2.1	7.3	18	—	6	—	96	1	77	—	130
…ATRUH	13	7	26	5	2	8	Cb	11.6	15.6	82	02	7	26	6	5	5	Cb	10.4	-6.7	12.6	20	+1	9	-1	83	1	102	143	131
DIKHEILA	02	8	26	4	1	4	Sc	12.4	17.5	61	25	7	26	7	6	4	Cb	11.0	—	14.4	20	—	12	—	65	2	82	—	150
ALEXANDRIA	03	9	24	4	2	4	Cu	11.8	18.8	57	02	8	26	7	6	5	Cu	9.3	-7.3	14.1	20	-1	12	0	56	1	155	171	132
DAMIETTA											02	8	20	4	5	4	Ac	8.8	—	13.7	21	—	10	—	72	dr.	61	94	159
PORT SAÏD	01	7	20	5	1	3	Ac	12.3	20.2	54	00	7	20	5	1	0	—	9.1	-6.0	14.6	21	+1	13	+1	73	0	50	64	134
EL ARISH	01	7	28	2	1	3	Cb	12.8	19.4	59	02	7	20	1	1	5	Cu	9.9	—	15.8	20	—	14	—	50	0	108	73	135
DAMANH…											01	5	18	5	1	3	Cu	10.0	-6.2	12.2	18	-4	11	+3	74	0	24	87	136
…MANS…											01	7	18	3	0	2	Ac	9.3	—	13.2	22	0	10	+2	71	0	41	42	137
…ANTA	02	7	24	4	1	5	Cu	12.3	22.5	48	01	7	22	5	1	0	—	10.3	-6.7	14.0	23	0	10	+2	67	0	33	32	138
…AGA…	02	8	20	2	1	4	Cc	12.7	22.3	43	01	7	20	6	2	2	Ci	10.3	—	14.9	23	0	8	+1	58	dr.	26	22	139
ALMAZA	03	8	22	4	2	6	Cu	11.6	21.6	53	01	8	24	3	1	4	Ac	11.6	—	14.0	22	—	12	—	57	0	10	—	141
EZBEKI…	02	8	22	3	1	5	Ac	12.7	22.0	36	02	6	20	5	1	4	Cu	11.4	-5.3	14.2	23	0	13	+3	55	0	12	19	—
GIZA	02	7	22	2	1	5	Cu	12.8	23.6	35	02	5	28	4	1	5	St	11.1	-6.5	13.5	24	+2	11	+4	60	0	11	19	—
HELWAN	03	8	20	5	2	5	Cu	13.0	20.8	28	03	7	00	0	2	6	Cu	12.2	-4.8	11.6	22	0	9	-1	63	0	19	20	143
SUEZ	03	8	12	1	1	5	Cu	12.7	20.0	51	02	6	20	3	1	4	Cu	9.9	-6.9	17.2	22	0	15	+3	48	0	19	13	144
FAI…	03	8	22	4	1	5	Cu	13.0	23.0	31	02	7	22	1	1	6	Cu	13.1	-4.4	13.1	24	0	9	+1	59	0	tr.	7	153
MI…	01	8	28	3	1	4	Cu	14.2	23.5	32	01	5	30	2	0	3	Cu	14.2	-3.1	12.8	24	0	9	0	59	0	4	—	154
[illegible]	01	8	30	2	0	3	Cu	15.5	22.0	47	01	6	22	2	1	3	As	15.2	-2.3	14.0	23	-2	8	-1	59	0	2	4	155
[illegible]	00	8	22	1	0	0	—	14.3	24.5	36	00	8	24	1	0	0	—	14.8	-0.8	14.5	25	-4	8	-2	62	0	dr.	—	156
[illegible]	02	7	22	5	2	4	Cu	13.9	23.5	42	00	7	22	2	0	0	—	14.6	—	17.8	25	—	8	—	46	0	dr.	—	157
[illegible]	00	7	32	2	0	0	—	12.7	23.5	23	00	7	00	0	0	0	—	14.3	-2.2	13.5	25	-4	10	-3	41	0	1	—	158
…WA	02	8	22	3	1	6	Cu	14.0	21.2	34	00	8	26	3	1	0	—	15.5	-1.8	10.0	22	-2	9	+2	79	0	6	6	148
BAHARI…																												—	149
KHARGA	00	8	32	1	0	0	—	14.8	25.5	27	00	8	24	1	0	0	—	16.4	-0.4	14.2	25	-2	8	-1	45	0	dr.	tr.	151
DA…	00	7	30	1	0	0	—	16.8	20.3	30	00	7	24	1	0	0	—	17.4	+0.1	9.8	23	-4	7	-1	75	0	dr.	—	152
[illegible]	00	6	28	3	0	0	—	12.8	23.2	54	00	6	32	3	0	1	Cc	12.7	-3.1	18.5	24	+1	11	0	67	0	19	12	145
[illegible]											00	9	30	3	0	0	—	12.4	-3.0	19.8	23	-1	11	0	41	0	1	—	146
…USE…	00	7	02	2	0	0	—	14.0	21.4	58	00	7	24	2	0	0	—	12.7	-2.3	20.6	23	-1	15	-1	43	0	tr.	6	147
POR… …DAN	02	—	04	1	0	5	—	11	26	—	00	—	28	1	0	0	—	11.1	-2.5	23.5	27	-1	18	-1	57	0	71	105	169
…AD…	00	8	02	4	0	2	—	—	25	16	00	8	30	1	0	0	—	—	—	12.2	25	-5	8	-3	54	—	—	—	165
…ARE…	00	8	26	5	0	0	—	11.6	28	12	00	8	32	3	0	0	—	14.7	+0.7	17.0	29	-5	14	-1	26	0	0	1	166
[illegible]	01	—	32	3	0	4	—	8	31	10	00	—	30	4	0	0	—	11.1	-1.6	21.0	31	-3	17	+1	19	0	6	1	167
…TUM	00	7	02	3	0	0	—	7.4	34	18	00	8	04	4	0	0	—	10.7	-0.9	20.0	35	-1	17	-1	25	0	dr.	5	168
[illegible]	00	8	02	3	0	0	—	2.2	37	14	00	8	02	3	0	0	—	8.3	-1.8	22.4	37	0	17	-2	43	0	dr.	11	170
[illegible]	01	—	02	4	0	4	—	4	36	10	00	—	32	4	0	0	—	9.8	-1.3	21.7	36	-1	13	-4	14	0	2	13	171
[illegible]	01	—	24	3	0	4	—	7	33	10	00	—	—	3	0	0	—	9.9	-1.2	22.8	35	-2	18	+2	23	0	14	12	173
[illegible]	00	7	28	3	0	0	—	4.4	35	19	00	7	28	3	0	0	—	10.0	—	22	35	—	17	—	36	0	—	—	182
[illegible]	01	—	28	1	0	4	—	11	39	10	00	—	26	1	0	0	—	5.6	-4.2	24.3	40	+2	20	+2	40	0	27	38	172
[illegible]	00	7	04	3	0	0	—	5.7	32	21	00	8	32	3	0	0	—	11.5	-1.5	19.0	33	-1	15	+1	30	0	8	19	174
[illegible]											00	—	02	2	0	0	—	—	—	17.8	35	+1	14	+1	34	0	0	8	175
[illegible]	00	7	04	2	2	3	Ac	—	34	36	00	7	08	4	0	0	—	—	—	17.8	39	—	16	—	80	0	dr.	—	179
[illegible]											18	4	20	4	3	3	Ac	8.3	—	22	37	—	18	—	29	0	—	—	187
M…	00	7	04	4	1	0	—	4.3	36	10	01	8	02	5	0	2	Ci	8.2	-1.5	25.2	38	0	20	0	17	0	83	94	176
[illegible]	01	—	08	3	0	4	—	2	37	25	02	—	04	2	0	4	—	5.9	-3.4	23.0	38	0	20	0	46	0	107	156	177
[illegible]	10	8	16	2	1	6	Cb	1.2	35	42	10	8	30	1	1	6	Cu,Sc	6.4	-3.4	26.3	36	-1	23	+2	84	0	245	151	178

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

[illegible]	MA…	[illegible]	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Geneina
7	10		8h 30m	8h 30m	7h m	7h m	4h m	5h m	6h m	6h m	7h m	5h m	6h m	5h m
02.28.25	02.27.50		02.28.35	02.27.25	05.29.30	05.34.30	03.01.15	06.03.45	06.35.45	06.03.20	07.01.35	06.02.55	06.30.10	10.05.40
05.31.60	05.33.15		04.28.40	05.27.40	10.28.30	10.34.30	06.35.35	10.04.50	10.36.30	10.02.20	10.03.45	10.02.55	10.34.05	15.11.15
10.32.45	07.30.45		05.27.45	08.27.25	15.29.30	15.32.30	10.36.30	15.06.40	15.01.20	15.03.15	15.36.25	15.04.25	15.00.00	20.12.10
15.32.45			07.27.40	10.26.35			15.36.25	20.36.20	20.28.25	20.35.15	20.33.20	20.07.25		30.19.15
20.31.70			09.26.45	15.25.65			20.31.25		30.26.25	30.33.15	30.31.20	30.04.20		32.15.15
24.30.65			10.26.55	19.25.75			27.34.25		40.26.15			32.06.25		
									50.24.20					

Forecast for 24 hours from noon on *4th*

On the coast strong northwest winds, at times of gale force. Inland strong westerly winds.
Much low cloud at times.
Rain on the coast; scattered showers probable inland. Remaining cool and unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤
رياح شمالية غربية شديدة على الساحل تصل لقوة العاصفة
أحيانا ورياح قوية غربية في الداخل .
تكثر الغيوم في بعض الاوقات و تمطر على الساحل ومن
المحتمل ان تمطر ايضا في الداخل .
ويستمر الجو باردا وغير مستقر .

Station	Mean of day Humidity % on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	68	+3	12.9	+0.7
Ezbekiya	55	-4	12.6	+0.6
Giza	57	-5	12.7	+1.1
Helwan	54	+6	11.1	+1.0

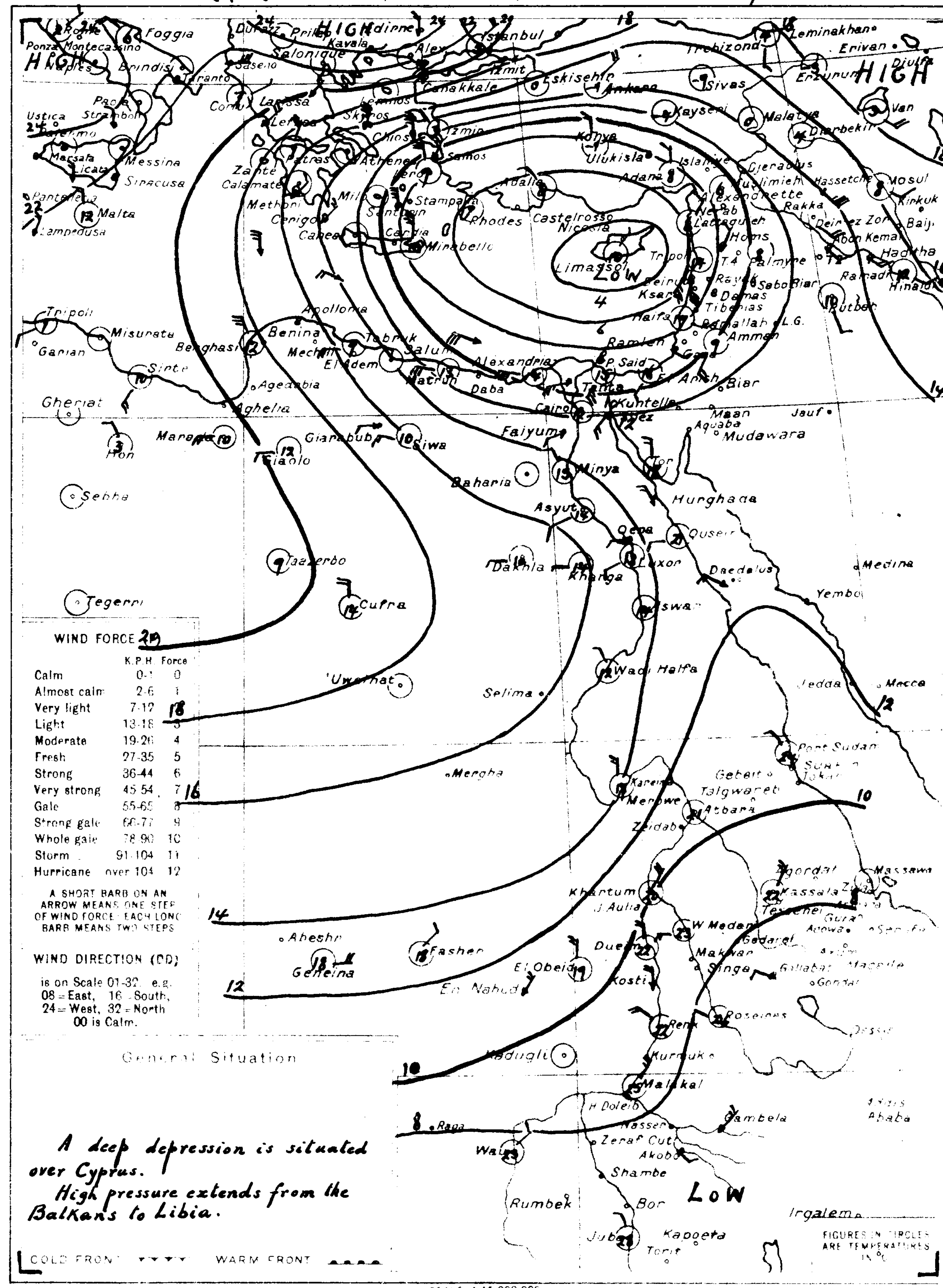
Giza Grass min. on *4th* 7.2 °C

Discharges at Aswan … by sluices … per sec

Date	1939	1938
4-3	1203	891
3-3	1216	891

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	4-3	13.34	+0.06	13.35	+0.07
Nasser	3-3	5.48	+0.38	5.48	+0.37
Malaka	4-3	10.57	+0.26	10.59	+0.27
Roseires	4-3	12.07	+0.55	12.08	+0.56
Sennar Res	3-3	19.82	—	19.86	—
J. Aulia U.S	4-3	375.07	—	375.06	—
J. Aulia D.S	4-3	371.29	+0.16	371.28	+0.14
Khartum	4-3	10.45	+0.09	10.46	+0.08
Kh. el Girba					
Atbara	4-3	10.27	+0.13	10.28	+0.14
Kajnarti	3-3	133.45	+0.92	133.56	+1.02
Aswan Res	4-3	121.00	—	121.01	—
Aswan D.S	4-3	86.31	+0.43	86.33	+0.44
Roda (Cairo)	4-3	15.86	+0.27	15.86	+0.27

Isobars, Wind and Temperature at 8 h. *4-3-39* ٤-٣-٣٩



General Situation

A deep depression is situated over Cyprus.
High pressure extends from the Balkans to Libia.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick Haze	40-49
Mod. Fog in last hour	4[illegible]
Thick [illegible]	[illegible]
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	6[illegible]
Rain and Snow	68, [illegible]
Snow	[illegible]
Shower	80-8[illegible]
Thunderstorm	[illegible]

PAST WEATHER (W) [illegible]

CLOUD FORM (C) [illegible]

At 8 h. on *4-3-39* ٤-٣-٣٩ الساعة ٨ يوم

Station	Present weather ww	Visib. V	Wind DD	Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb TTT	Max Yesterday MM	Max Diff from norm	Min Today mm	Min Diff from norm	Humidity UU	Rain past 24 hrs	Rain total	Normal
Limassol	03	4	02	1	6	8	—	3.9	-10.9	10	—	—	—	—	—	15	542	385
Haifa	02	—	10	3	—	5	—	8.4	-5.8	16.6	19	-2	11	+1	55	1	516	604
Gaza	03	6	10	1	2	7	Cu,Sc	11.0	-4.2	15	—	—	11	+2	45	0	—	345

SHIPS سفن
73253 - 35506 - 26300 - 12860.
73327 - 28206 - 26601 - 07951.

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 …

Printed by the Survey & Mines Dept. 1938 … 554

CAIRO
Time of Sunrise 06 17
" " Sunset 17 56

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

DAILY WEATHER REPORT

Month MARCH 1939 — ١٩٣٩ شهر مارس

STATION	At 14 h. on 4th (الساعة ١٤ يوم ٤) Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on SUNDAY 5th (الأحد ٥ الساعة ٨ يوم) Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	02	7	26	7	5	5	Cb	15.1	13.2	50	21	6	28	7	5	5	Cb	18.2	+1.0	9.2	14	—	6	—	74	tr.	77	—	130
MATRUH	14	7	26	6	2	5	Cu	11.1	14.7	69	60	6	26	6	6	7	Cb	14.6	-2.4	10.6	15	-4	8	-2	89	5	107	144	131
DIKHEILA	25	6	24	8	8	5	Cb	10.6	13.9	62	82	5	28	7	8	6	Cb	13.6	—	11.3	16	—	10	—	92	8	90	—	150
ALEXANDRIA	02	8	24	8	6	5	Cu	9.6	13.2	85	03	7	28	8	6	7	Cb	12.3	-4.3	12.7	16	-5	9	-3	68	5	160	171	132
DAMIETTA											02	8	22	3	5	5	Sc	10.6	—	11.8	17	—	7	—	78	3	64	94	159
PORT SAID	02	6	22	7	1	5	Cu	8.3	17.0	57	01	7	20	6	1	3	Ac	11.2	-3.9	11.0	19	-1	10	-2	82	dr.	50	64	134
EL ARISH											01	6	20	3	1	4	Cu	10.8	—	11.4	20	—	10	—	61	0	108	74	135
DAMANHUR											02	5	20	3	6	5	Ac	12.8	-3.4	10.3	18	-5	8	0	94	1	25	87	136
MANSURA											02	4	20	2	1	5	Sc	12.2	—	10.2	18	-5	7	-1	84	dr.	41	42	137
TANTA	02	7	28	6	1	5	Cu	9.6	17.5	52	03	6	24	4	2	8	Ns	13.0	-4.0	11.3	18	-5	7	-1	78	0	33	32	138
[illegible]	01	7	20	6	1	4	Ce	14.4	18.1	42	02	7	20	3	1	4	Ce	14.0	—	10.9	19	-4	8	+1	69	0	26	22	139
MIDDLE EGYPT																													
ALMAZA	05	7	24	7	2	4	Cu	10.7	18.7	29	01	8	23	5	2	4	Sc	14.2	—	11.4	19	—	9	—	59	0	10	—	141
EZBEKIYA	02	7	24	4	1	5	Cu	10.8	19.3	30	01	6	24	4	1	3	Sc	14.6	-2.1	11.0	20	-3	9	-1	63	dr.	12	20	—
GIZA	02	6	24	5	2	4	Cu	10.8	19.1	34	01	7	22	4	1	4	Sc	14.7	-2.8	10.2	21	-1	7	0	82	0	11	20	—
HELWAN	02	8	24	6	1	5	Cu	10.8	17.9	25	01	8	24	4	1	3	Sc	14.8	-2.1	9.8	19	-3	8	-2	60	0	19	21	143
SUEZ	01	9	20	2	1	3	Cu	10.4	20.6	19	01	7	18	1	1	3	Cu	13.9	-2.8	13.6	21	-1	10	-2	57	0	19	13	144
UPPER EGYPT																													
FAYUM	01	8	26	5	1	3	Cu	11.8	19.6	27	00	7	20	1	0	0	—	15.6	-1.8	11.0	21	-3	6	-2	58	0	tr.	7	153
MINYA	01	7	28	4	1	1	Cu	12.7	20.9	28	00	6	28	2	1	0	—	17.5	+0.2	11.7	21	-3	8	-1	56	0	4	—	154
ASYUT	02	8	22	4	1	4	Cu	13.5	20.0	49	01	6	20	2	1	3	As	18.4	+1.0	11.2	20	-5	7	-2	63	0	2	4	155
QENA	00	8	22	6	0	0	—	13.0	22.5	37	00	8	24	3	0	0	—	17.1	+1.5	13.0	—	—	10	-1	55	0	dr.	—	156
LUXOR	00	7	26	4	0	0	—	12.6	23.9	62	00	7	22	3	0	0	—	17.2	—	13.2	24	—	8	—	63	0	dr.	—	157
ASWAN	00	7	32	2	0	0	—	10.8	25.0	16	00	7	30	1	0	0	—	17.2	-0.9	12.4	26	-3	10	-3	40	0	1	—	158
WESTERN DESERT																													
SIWA	02	8	26	3	1	5	Cu	14.7	18.0	74	00	7	26	2	0	0	—	19.1	+1.9	9.9	20	-4	6	-1	86	0	6	6	148
BAHARIYA	00	9	24	1	0	0	—	14.6	18.0	36	00	9	32	1	0	0	—	18.2	—	9.5	18	—	6	—	67	0	0	—	149
KHARGA	00	8	28	4	0	0	—	14.0	22.6	31	00	8	00	0	0	0	—	19.1	+2.4	14.7	23	-4	6	-3	51	0	dr.	tr.	151
DAKHLA	05	6	30	3	0	0	—	16.0	19.9	31	00	7	28	1	0	0	—	20.3	+3.1	8.7	21	-6	5	-3	58	0	dr.	—	152
RED SEA																													
TOR	01	6	28	4	0	2	Cu	12.7	22.5	59	20	6	32	3	1	5	Ns	14.3	-1.4	13.5	23	0	12	0	83	dr.	19	12	145
HURGHADA											12	6	28	5	1	3	Cu	14.2	-1.2	17.5	26	+2	10	-1	42	0	1	—	146
QUSEIR	00	7	22	2	0	0	—	11.1	25.1	37	00	7	24	3	0	0	—	15.4	+0.5	17.3	26	+2	13	-3	49	0	tr.	6	147
PORT SUDAN											00	—	28	1	0	0	—	11.6	-1.9	24.2	27	-1	23	+4	57	0	71	105	169
NORTH SUDAN																													
WADI HALFA											02	8	02	4	1	5	Cs	—	—	13.0	26	-4	10	-1	35	—	—	—	165
KAREIMA											00	8	28	3	0	0	—	16.8	+2.9	16.0	29	-5	11	-4	24	0	0	1	166
ATBARA											00	—	30	6	0	0	—	13.4	+0.7	20.7	32	-2	16	0	18	0	6	1	167
KHARTUM											01	8	02	4	0	3	Ci	12.4	+0.9	19.2	35	-1	16	-2	23	0	dr.	5	168
KASSALA											00	8	32	2	0	0	—	9.5	-0.5	20.0	36	-1	16	-3	47	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	02	5	0	0	—	10.8	-0.2	22.0	36	-1	12	-5	10	0	2	13	171
DUEIM											00	—	—	4	0	0	—	11.9	+0.9	20.8	35	-2	17	+1	25	0	14	12	173
RENK											00	7	28	4	0	0	—	10.4	—	23	36	—	16	—	25	0	—	—	182
ROSEIRES											00	—	30	1	0	0	—	7.2	-2.5	24.3	41	+3	19	+1	43	0	27	38	172
EL OBEID											01	8	32	4	0	4	Ci	13.2	+0.3	18.5	32	-2	15	+1	33	0	8	19	174
EL FASHER											00	—	02	2	0	0	—	—	—	17.9	36	+2	13	0	30	0	0	8	175
GENEINA											03	8	04	4	1	6	Ac	—	—	18.3	37	—	16	—	71	0	dr.	—	179
KADUGLI											01	6	28	4	3	3	—	9.1	—	24	38	—	17	—	20	0	—	—	187
S. SUDAN																													
MALAKAL											03	8	04	5	2	7	Ac,As	9.4	-0.2	24.1	37	-1	21	+1	18	0	83	94	176
WAU											01	—	04	2	—	4	—	7.5	-1.8	26.0	37	-1	23	+3	26	0	107	157	177
JUBA											81	8	32	1	8	7	Sc	10.0	+0.2	25.0	37	0	23	+1	84	dr.	245	152	178

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

UPPER WINDS

SALUM 7 h.	MATRUH 10 h.	DIKHEILA	CAIRO 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 4 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 6 h.	Salum 4th 13 h.
02.32.55	02.33.60		02.27.35	02.28.25	05.31.30	02.34.15	03.01.35	06.36.30	06.36.40	06.02.15	07.01.35	06.03.60	06.29.10	02.29.40
04.31.—	05.33.30		05.27.40	05.28.40	10.31.30	05.34.45	06.36.65	10.36.25	10.36.45	10.05.20	10.02.50	10.03.75	10.00.00	04.31.—
05.32.65	10.32.45		10.29.35	08.27.35		10.33.50	10.34.35	15.35.30	15.35.25	15.36.05	15.02.25	15.05.45	15.00.00	05.29.10
10.33.45	13.32.50		15.29.40	10.27.25		15.26.40	15.33.40	20.35.25	20.27.30	20.32.05	20.33.15	20.07.30		08.17.05
15.34.55				12.27.30		20.26.55	16.33.40		30.27.30		30.32.20	30.06.30		09.03.05
20.33.75				Ent.Cu.					40.25.40			40.07.25		10.31.10
25.34.50									50.24.15					Ent.Cb
									60.07.15					
									63.09.50					

Forecast for 24 hours from noon on 5th

On the coast west to northwest winds of gale force, decreasing tomorrow to fresh or strong northwest to north winds. Inland strong westerly winds today; fresh northwest winds tomorrow. Much low cloud. Farther rain throughout Lower Egypt. Cool. Unsettled, but gradually improving.
Farther outlook: remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٥
رياح غربية إلى شمالية غربية تبلغ شدتها درجة العاصفة على الساحل وتأخذ
في التناقص غدا وتتحول إلى رياح شديدة نوعا شمالية غربية إلى شمالية
ورياح شديدة غربية في الداخل وتتحول إلى نسيم من الشمال الغربي غدا
تكثر الغيوم المنخفضة وتمطر مرة أخرى على عموم الوجه البحري
والطقس بارد وغير مستقر إلا أنه يأخذ في التحسن تدريجيا
ويظل مائلا للبرودة

STATION	Mean of day Humidity % 4th	Diff. from normal	Wet Bulb Temp. °C 4th	Diff. from normal
Alexandria	62	-3	10.9	-1.3
Ezbekîya	51	-8	10.4	-1.7
Gîza	58	-4	10.9	-1.8
Helwân	49	+1	9.0	-1.2

Gîza Grass minimum on 5th 4.2 °C

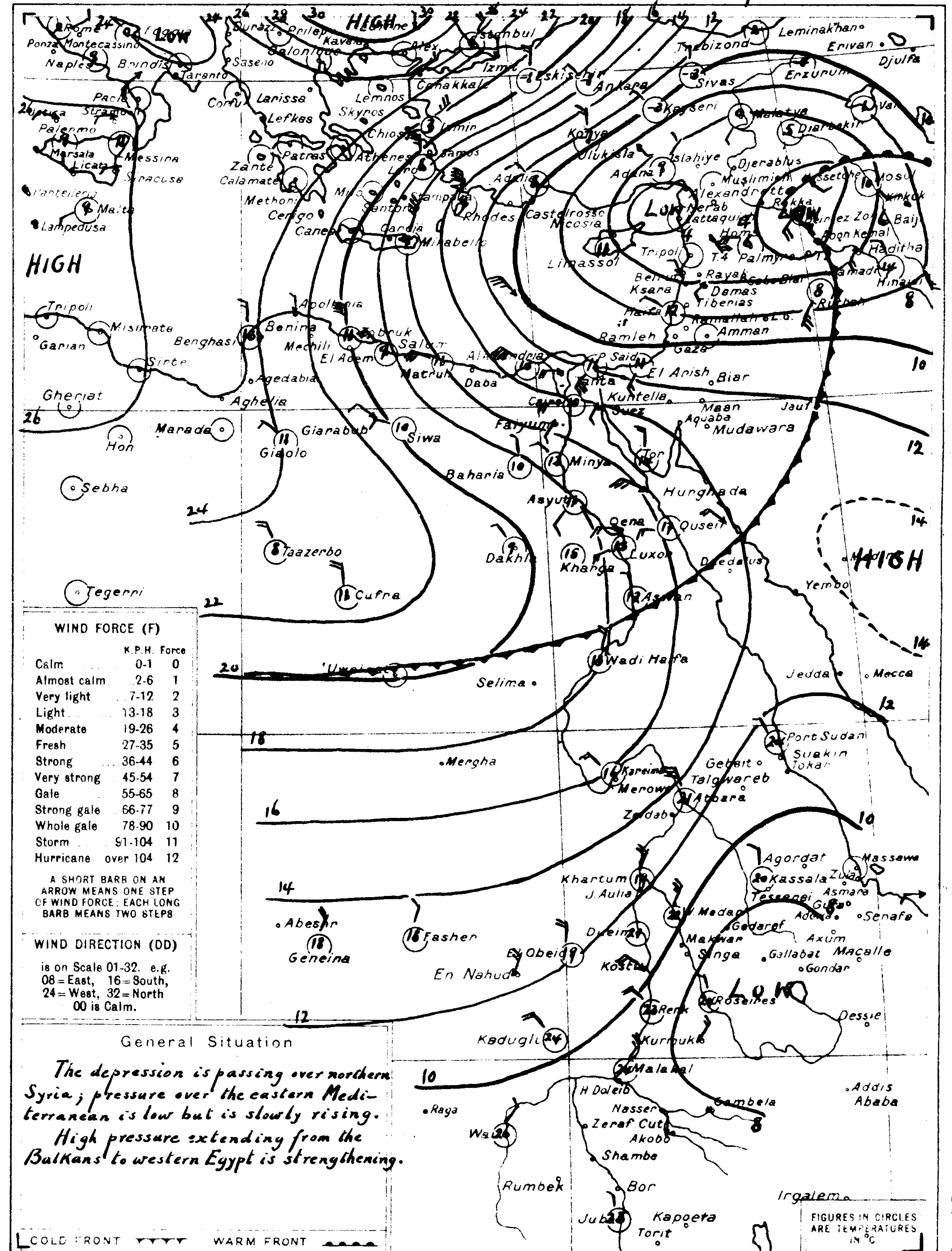
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
5-3	1192	891
4-3	1203	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-3	13.34	+0.06	13.34	+0.06
Nâsser	3-3	5.48	+0.38	5.48	+0.37
Malakâl	5-3	10.56	+0.26	10.57	+0.26
Roseires	5-3	12.07	+0.56	12.07	+0.55
Sennâr Res	4-3	19.74	—	19.82	—
J. Aulia U.S	4-3	375.07	—	375.06	—
J. Aulia D.S	4-3	371.29	+0.16	371.28	+0.14
Khartûm	4-3	10.45	+0.09	10.45	+0.08
Kh. el Girba					
Atbara	4-3	10.27	+0.13	10.28	+0.14
Kajnarti	4-3	133.34	+0.83	133.45	+0.92
Aswân Res.	5-3	120.98	—	121.80	—
Aswân D.S.	5-3	86.29	+0.42	86.31	+0.43
Rôda (Cairo)	5-3	15.86	+0.27	15.86	+0.27

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 5-3-39 — ٥-٣-٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The depression is passing over northern Syria; pressure over the eastern Mediterranean is low but is slowly rising.
High pressure extending from the Balkans to western Egypt is strengthening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION محطة	At 8 h. on 5th (الساعة ٨ يوم ٥) Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1	Normal from Oct 1
Limassol	01	7	00	0	6	3	—	6.4	-8.3	11	—	—	—	—	—	16	558	386
Haifa	02	—	26	1	—	5	—	7.9	-6.3	12.4	17	-4	12	+2	88	6	521	604
Gaza																		346
Baharia (4th)	00	9	32	1	0	0	—	15.2	—	12.0	23	—	9	—	65	0	0	—
SHIPS سفن	13324 - 29306 - 27701 - 08856.																	

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 6h 15m
" " Sunset 17h 57m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس

At 14 h. on 5th الساعة ١٤ يوم ٥

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)
MEDITERRANEAN										
SALÛM	21	7	28	7	6	5	Cb	20.6	13.0	55
MATRÛH	14	7	30	6	5	5	Cb	16.7	12.7	85
DIKHEILA	25	7	28	6	8	5	Cb	14.6	15.0	63
ALEXANDRIA	03	9	28	8	6	6	Cb	13.9	15.1	55
DAMIETTA										
PORT SAÏD	50	7	20	5	6	6	Cu	11.5	13.2	75
EL 'ARÎSH	03	6	24	4	1	6	Cb	11.2	16.8	53
LOWER EGYPT										
DAMANHÛR										
MANṢÛRA										
ṬANTA	03	6	28	4	2	8	Ns	13.8	14.0	78
ZAGÂZÎG	03	7	20	8	1	8	Sc	14.6	14.8	72
MIDDLE EGYPT										
CAIRO ALMÂZA	03	8	24	4	2	6	As	14.4	16.7	47
CAIRO EZBEKÎYA	50	7	24	3	5	5	Cb	14.2	16.3	47
CAIRO GÎZA	50	8	26	4	5	6	Cb	14.4	15.6	63
HELWÂN	03	8	24	5	5	6	Cb	14.0	15.1	39
SUEZ	02	8	22	3	1	5	Sc	13.5	16.8	42
UPPER EGYPT										
FAIYÛM	02	8	26	3	1	5	Cu	16.4	18.2	38
MINYA	01	7	26	3	1	3	Cu	16.7	17.0	30
ASYÛṬ	02	7	22	4	1	5	Cu	17.8	16.6	51
QENA	00	8	26	6	0	0	—	15.6	21.0	34
LUXOR	01	7	30	5	0	2	Cu	15.9	20.0	42
ASWÂN	00	7	30	4	0	0	—	15.0	21.4	19
WESTERN DESERT										
SÎWA	02	8	26	4	1	5	Cu	19.5	17.8	32
BAHARÎYA	02	9	24	1	1	4	—	18.0	16.5	42
KHÂRGA	00	8	04	4	0	0	—	16.7	21.7	39
DÂKHLA	00	6	28	4	0	0	—	19.0	17.9	68
RED SEA										
ṬÔR	01	6	28	3	—	3	Cu	13.9	19.0	42
HURGHÂDA										
QUṢEIR	12	5	28	4	3	0	—	14.3	21.2	40
PORT SUDAN										

(No 14 h. observations entered for North, Central and South Sudan stations.)

At 8 h. on MONDAY 6th الساعة ٨ يوم الاثنين ٦

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																			
SALÛM	21	6	26	4	5	4	Cb	23.1	+5.9	10.0	13	—	7	—	78	tr.	77	—	130
MATRÛH	03	7	30	4	6	6	Cb	20.0	+3.0	12.9	14	-5	9	-1	69	2	109	144	131
DIKHEILA	21	7	28	6	5	6	Cb	18.8	—	14.2	15	—	10	—	49	1	91	—	150
ALEXANDRIA	03	7	28	6	6	7	Cb	18.2	+1.7	13.1	16	-5	10	-2	55	2	162	172	132
DAMIETTA	02	8	20	2	6	5	Sc	16.0	—	12.6	16	—	8	—	61	3	67	94	159
PORT SAÏD	21	7	20	4	6	4	Cu	16.3	+1.3	10.4	17	-3	9	-3	73	4	54	64	134
EL 'ARÎSH	02	7	20	1	1	5	Cb	17.9	—	9.0	17	—	9	—	93	3	111	74	135
LOWER EGYPT																			
DAMANHÛR	01	6	24	2	6	4	Cu	18.0	+1.8	11.8	17	-6	8	0	71	1	26	88	136
MANṢÛRA	02	4	30	1	1	4	Sc	17.0	—	10.6	16	-7	5	-3	80	3	44	42	137
ṬANTA	22	6	00	0	6	8	Sc	18.2	+1.2	10.7	17	-6	5	-3	92	3	36	32	138
ZAGÂZÎG	02	7	20	3	1	4	Sc	18.4	—	11.8	17	-6	4	-3	78	dr.	26	22	139
MIDDLE EGYPT																			
CAIRO ALMÂZA	05	7	20	2	2	7	St	18.6	—	11.3	17	—	8	—	71	dr.	10	—	141
CAIRO EZBEKÎYA	02	5	18	2	5	5	Sc	18.8	+2.2	11.7	18	-5	9	-1	70	dr.	12	20	—
CAIRO GÎZA	02	6	30	2	5	5	Cu	19.2	+1.8	12.4	18	-5	8	+1	72	dr.	11	20	—
HELWÂN	05	5	16	1	2	4	Cb	19.5	+2.6	9.8	16	-6	8	-2	68	1	20	21	143
SUEZ	01	7	16	1	1	3	Cu	17.8	+1.2	11.8	19	-4	9	-3	65	dr.	19	13	144
UPPER EGYPT																			
FAIYÛM	02	7	20	1	1	5	Cu	20.3	+2.9	9.9	19	-5	7	-1	70	0	tr.	7	153
MINYA	02	5	32	2	2	5	Cu	20.8	+3.6	10.0	18	-6	7	-2	67	0	4	—	154
ASYÛṬ	01	6	22	3	1	3	As	21.6	+4.3	10.0	18	-7	5	-4	74	0	2	4	155
QENA	00	8	26	4	0	0	—	20.2	+4.7	13.8	22	-7	7	-4	56	0	dr.	—	156
LUXOR	00	7	26	3	0	0	—	19.8	—	13.0	21	—	7	—	66	0	dr.	—	157
ASWÂN	00	7	28	2	0	0	—	20.2	+4.0	11.3	22	-7	8	-5	38	0	1	—	158
WESTERN DESERT																			
SÎWA	00	8	26	1	0	0	—	22.0	+4.8	9.1	19	-5	6	-1	72	0	6	6	148
BAHARÎYA	00	9	00	0	0	0	—	21.1	—	10.0	17	—	6	—	66	0	0	—	149
KHÂRGA	00	8	32	3	0	0	—	21.6	+5.0	11.6	22	-5	8	-1	46	0	dr.	tr.	151
DÂKHLA	00	7	28	1	0	0	—	23.1	+5.9	7.8	19	-8	5	-4	78	0	dr.	—	152
RED SEA																			
ṬÔR	20	6	32	3	8	4	Ns	17.5	+1.9	14.0	20	-3	12	0	63	1	20	12	145
HURGHÂDA	01	9	28	4	1	3	Cu	17.6	+2.3	14.9	22	-2	9	-2	51	0	1	—	146
QUṢEIR	01	7	24	2	0	2	Cs	18.0	+3.2	16.3	23	-1	12	-4	55	0	tr.	6	147
PORT SUDAN	00	—	32	4	0	0	—	15.2	+1.7	22.3	28	0	21	+2	85	0	71	105	1[illegible]9
NORTH SUDAN																			
WÂDI ḤALFA	05	6	02	2	3	6	Cs	—	—	10.8	22	-8	9	-2	41	—	—	—	165
KAREIMA	00	8	28	4	0	0	—	19.7	+5.9	13.2	27	-7	9	-6	25	0	0	1	166
'AṬBARA	30	—	32	7	0	—	—	16.0	+3.4	17.4	29	-5	13	-3	21	0	6	1	167
KHARṬÛM	05	7	32	4	0	1	Ci	16.0	+4.6	16.9	32	-4	14	-4	18	0	dr.	5	168
KASSALA	00	8	32	3	0	0	—	12.6	+2.6	16.7	34	-3	14	-5	52	0	dr.	11	170
CENTRAL SUDAN																			
WAD MEDANI	00	—	32	6	0	0	—	14.7	+3.9	18.5	33	-4	13	-5	13	0	2	13	171
DUEIM	00	—	—	3	0	0	—	14.0	+3.0	19.0	32	-5	16	0	32	0	14	12	173
RENK	00	7	28	3	0	0	—	13.9	—	21	35	—	16	—	14	0	—	—	182
ROṢEIRES	00	—	08	1	0	0	—	9.4	-0.2	23.3	38	-1	18	-1	24	0	27	38	172
EL OBEID	00	8	32	4	0	0	—	16.0	+3.2	15.5	30	-4	13	-1	35	0	8	19	174
EL FÂSHER	00	—	02	3	0	0	—	—	—	15.2	34	0	12	-1	36	0	0	8	175
GENEINA	01	8	08	4	1	4	Ac	—	—	16.5	35	—	15	—	80	0	dr.	—	179
KADUGLI	18	4	28	4	1	4	Ac	13.0	—	20	36	—	16	—	32	0	—	—	187
S. SUDAN																			
MALAKÂL	03	8	04	6	1	6	Ac	10.8	+1.2	24.0	37	-1	21	+1	13	0	83	94	176
WÂU	03	—	04	2	0	7	—	10.0	+0.7	24.5	37	-1	23	+3	29	0	107	158	177
JÛBA	01	8	00	0	0	4	Sc	9.7	-0.1	25.7	36	-1	22	0	62	dr.	245	153	178

UPPER WINDS الرياح العليا

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

SALÛM 7 h. m.	MATRÛH 10 h. m.	DIKHEILA 9 h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. m.	ASYÛṬ 7 h. m.	ASWÂN 7 h. m.	WÂDI ḤALFA 5 h. m.	KAREIMA 5 h. m.	KHARṬÛM 6 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA 6 h. m.	Salum 5th 13 h. m.
02.29.25	02.33.25	02.31.65	03.28.10	02.19.10	05.34.40	02.33.05	03.01.35	06.04.25	06.35.50	06.02.05	07.36.35	06.03.65	06.20.10	02.32.55
05.32.25	05.34.30	05.31.55	05.28.25	05.29.05	10.34.40	05.34.35	06.01.45	10.04.10	10.36.55	10.02.20	10.02.45	10.03.75	10.00.00	05.34.20
10.35.25	09.33.25	10.32.50	07.31.20	08.33.30	15.34.40	10.35.30	10.36.40	15.03.05	15.01.35	15.04.05	15.02.35	15.04.40	15.00.00	09.34.35
15.35.30	Ent. Cb.	15.32.50	08.31.25	10.33.30	20.34.40	15.35.40	12.34.45	20.01.10	20.03.15	20.29.15	20.01.20	20.05.15		Ent. Cb.
20.34.35		17.32.50	10.33.30	15.32.40					30.31.30	30.29.20	30.33.10	30.03.15		
Ent. Cu.			15.32.40	19.33.30					40.31.15	40.29.45		40.05.35		
			20.34.35	Ent. Sc.					50.25.15					
			Ent. Sc						60.29.40					
			Tail						63.29.30					

Forecast for 24 hours from noon on 6th

On the coast fresh to strong northwest winds, moderating tomorrow.
Inland moderate to fresh westerly winds.
Much low cloud at times.
Further light showers, but becoming less unsettled.
Remaining cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٦

رياح شمالية غربية ما بين النشيطة والشديدة على السواحل تخف حدتها غدا ورياح معتدلة الى نشيطة غربية فى الداخل يكثر السحاب المنخفض فى بعض الاحيان تمطر خفيفا مرة اخرى ولكنه يأخذ الطقس بعدها فى الاستقرار الا انه يظل مائلا للبرودة

STATION	Mean of day: Humidity % on 5th	Diff. from normal	Wet Bulb Temp. °C on 5th	Diff. from normal
Alexandria	66	+1	9.6	-2.7
Ezbekîya	57	-2	9.5	-2.7
Gîza	66	+5	10.1	-1.7
Helwân	56	+8	8.2	-2.1

Gîza Grass minimum on 6th 4.1 °C

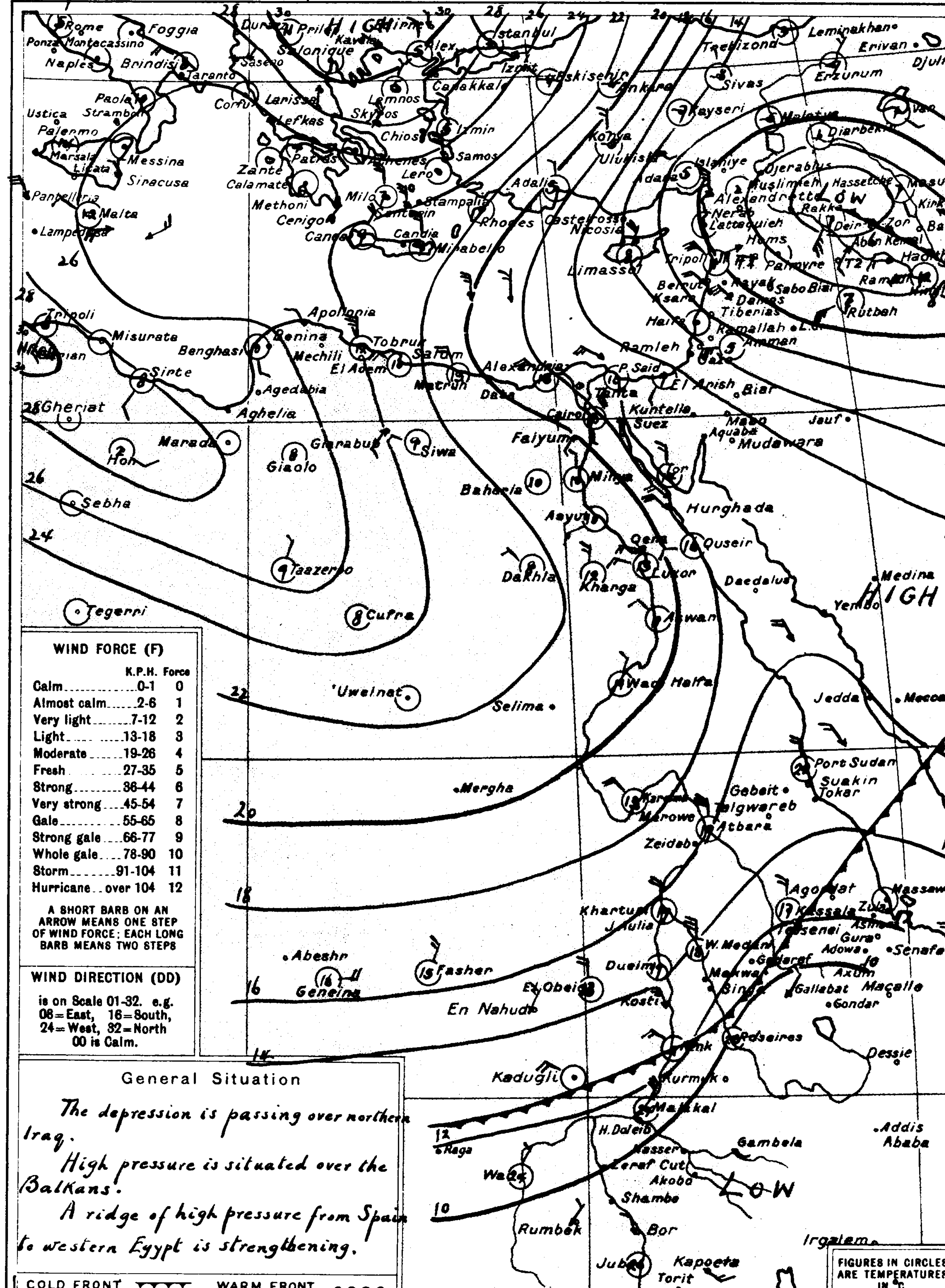
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
6-3	1144	891
5-3	1192	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6-3	13.33	+0.06	13.34	+0.06
Nâṣṣer	5-3	5.64	+0.55	5.55	+0.45
Malakâl	6-3	10.55	+0.25	10.56	+0.26
Roṣeires	6-3	12.05	+0.55	12.07	+0.56
Sennâr Res.	5-3	19.67	—	19.74	—
J. Aulia U.S	6-3	374.93	—	375.03	—
J. Aulia D.S	6-3	371.25	+0.14	371.30	+0.18
Khartûm	6-3	10.40	+0.06	10.44	+0.09
Kh. el Girba					
'Atbara	6-3	10.26	+0.13	10.26	+0.13
Kajnarti	5-3	133.21	+0.71	133.34	+0.83
Aswân Res.	6-3	120.95	—	120.98	—
Aswân D.S.	6-3	86.20	+0.34	86.29	+0.42
Rôda (Cairo)	6-3	15.88	+0.30	15.86	+0.27

Printed by the Survey & Mines Dept. 1938 (38/554)

٣٩-٣-٦ Isobars, Wind and Temperature at 8 h. 6-3-39.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The depression is passing over northern Iraq.
High pressure is situated over the Balkans.
A ridge of high pressure from Spain to western Egypt is strengthening.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms.

At 8 h. on 6th الساعة ٨ يوم ٦

STATION محطة	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	02	4	0	1	—	12.7	-2.0	8	—	—	—	—	—	0	558	387
Haifa																		
Gaza																		

SHIPS سفن
23316 - 31506 - 26580 - 12655.
23360 - 15006 - 24414 - 25858.

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h. 06 m. 44
" " Sunset 17 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس ٢٩-٣-٧ Isobars, Wind and Temperature at 8 h. 7-3-39

1417 F.C.

At 14 h. on 6th الساعة ١٤ يوم

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	Humidity % (UU)
MEDITERRANEAN — SALUM	03	7	28	6	5	7	Cb	22.8	13.0	48
MATRUH	60	6	24	2	6	8	Cb	20.3	11.9	87
DIKHEILA	51	8	28	5	5	5	Cb	19.1	14.1	61
ALEXANDRIA	03	9	28	8	2	7	Cb	18.6	14.0	54
DAMIETTA										
PORT SAÏD	02	7	28	6	6	4	Cu	15.8	15.5	63
EL 'ARISH	02	7	24	3	1	4	Cu	15.4	15.9	60
LOWER EGYPT — DAMANHÛR										
MANSÛRA										
TANTA	02	7	28	5	1	5	Sc	17.2	16.0	50
ZAGAZIG	02	7	20	6	1	4	Cc	16.4	16.9	51
MIDDLE EGYPT — CAIRO: ALMAZA	02	8	26	4	2	5	Sc	17.9	16.7	34
EZBEKIYA	03	7	28	3	5	6	Cu	17.8	17.0	37
GIZA	03	6	30	3	2	6	Cb	17.6	16.4	44
HELWÂN	03	8	26	4	2	6	Cu	18.0	15.4	36
SUEZ	03	9	28	3	1	6	Cu	16.7	17.6	37
UPPER EGYPT — FAIYÛM	02	7	30	4	1	5	Cu	18.6	17.3	39
MINYA	02	6	24	4	1	4	Cu	19.0	17.3	36
ASYÛT	02	8	22	3	1	4	Cu	19.5	18.0	51
QENA	00	8	26	4	0	0	—	17.2	20.8	37
LUXOR	00	7	30	5	0	0	—	17.4	19.0	40
ASWÂN	00	7	28	3	0	0	—	16.2	19.5	23
WESTERN DESERT — SÎWA	02	8	26	1	2	5	Cu	21.0	17.9	47
BAHARIYA	02	9	32	1	1	4	—	20.5	17.0	34
KHARGA	00	8	04	3	0	0	—	19.5	20.4	27
DAKHLA	00	7	32	2	0	0	—	22.4	15.2	71
RED SEA — TÛR	01	6	28	6	2	2	Cu	15.8	18.5	54
HURGHADA										
QUSEIR	00	7	02	2	0	0	—	16.6	18.0	49
PORT SUDAN										
NORTH SUDAN — WÂDI HALFA										
KAREIMA										
'ATBARA										
KHARTÛM										
KASSALA										
CENTRAL SUDAN — WAD MEDANI										
DUEIM										
RENK										
ROSEIRES										
EL OBEID										
EL FASHER										
GENEINA										
KADUGLI										
S. SUDAN — MALAKÂL										
WAU										
JUBA										

At 8 h. on TUESDAY 7th الثلاثاء الساعة ٨ يوم

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm. °C	Minimum Today °C (mm)	Diff. from norm. °C	Humidity % (UU)	Rainfall Past 24 hrs. mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN — SALUM	02	6	28	4	1	4	Cu	25.4	+8.3	8.2	14	—	6	—	69	dr.	77	—	130
MATRUH	60	7	30	5	6	7	Cb	22.2	+5.3	9.9	14	-6	7	-3	96	7	116	145	131
DIKHEILA	64	7	28	6	6	6	Cb	19.8	—	12.8	15	—	8	—	61	tr.	91	—	150
ALEXANDRIA	03	8	28	7	5	6	Cb	19.4	+3.0	12.2	16	-5	9	-3	57	tr.	162	172	132
DAMIETTA	03	8	20	2	6	6	Ac	17.6	—	10.2	15	—	7	—	81	3	70	95	159
PORT SAÏD	02	6	22	4	6	4	Cu	17.6	+2.6	10.0	—	—	—	—	87	7	61	65	134
EL 'ARISH	02	7	20	1	1	4	Cb	17.2	—	8.9	16		7		77	8	119	74	135
LOWER EGYPT — DAMANHÛR	50	5	20	1	5	8	As	19.9	+3.7	9.8	16	-7	7	-1	79	dr.	26	88	136
MANSÛRA	01	7	30	2	1	3	Sc	18.6	—	10.0	16	-7	6	-2	74	0	44	42	137
TANTA	03	6	24	3	2	8	Ns	19.5	+2.5	10.0	16	-8	5	-3	87	dr.	36	32	138
ZAGAZIG	02	7	20	6	1	4	Cc	19.9	—	11.4	18	-5	5	-3	76	dr.	26	23	139
MIDDLE EGYPT — CAIRO: ALMAZA	03	7	22	3	6	6	Cb	20.6	—	11.1	17	—	10	—	60	dr.	10	—	141
EZBEKIYA	21	6	24	4	5	6	Ns	20.8	+4.3	10.9	19	-4	9	-1	76	dr.	12	20	—
GIZA	21	6	24	4	5	4	Cb	20.6	+3.3	11.6	18	-5	7	0	76	tr.	11	20	—
HELWÂN	21	7	28	3	5	6	Cb	21.1	+4.3	9.9	16	-6	8	-2	71	dr.	20	21	143
SUEZ	03	6	22	2	1	6	Cu	19.6	+3.1	12.2	19	-4	10	-2	63	0	19	14	144
UPPER EGYPT — FAIYÛM	03	7	22	2	1	7	Sc	21.9	+4.6	10.3	18	-6	8	-1	69	0	tr.	7	153
MINYA	01	5	32	2	5	3	Cu	21.9	+4.7	11.0	18	-6	8	-1	75	dr.	4	—	154
ASYÛT	00	6	22	3	0	0	—	22.6	+5.4	10.2	19	-7	6	-3	72	0	2	4	155
QENA	00	8	22	2	0	0	—	21.1	+5.7	12.0	23	-7	6	-5	54	0	dr.	—	156
LUXOR	00	7	10	2	0	0	—	21.1	—	14.0	20	—	6	—	62	0	dr.	—	157
ASWÂN	00	7	32	3	0	0	—	20.7	+4.6	12.3	20	-9	9	-4	40	0	1	—	158
WESTERN DESERT — SÎWA	02	7	00	0	1	5	Cu	23.5	+6.4	11.0	20	-4	8	+1	75	0	6	6	148
BAHARIYA	00	9	00	0	0	0	—	22.4	—	9.0	18	—	5	—	73	0	0	—	149
KHARGA	00	8	32	1	0	0	—	23.0	+6.5	10.8	21	-6	7	-2	43	0	dr.	tr.	151
DAKHLA	00	7	30	1	0	0	—	24.0	+6.9	6.9	17	-11	4	-5	77	0	dr.	—	152
RED SEA — TÛR	01	6	32	4	1	4	Ns	18.8	+3.3	15.0	19	-4	13	+1	60	0	20	12	145
HURGHADA	01	9	30	4	1	3	Cu	19.0	+3.7	15.9	19	-5	9	-2	52	0	1	—	146
QUSEIR	01	7	26	2	0	2	Cs	18.5	+4.1	16.3	20	-5	12	-4	43	0	tr.	6	147
PORT SUDAN	00	—	32	2	0	0	—	17.1	+3.7	21.9	26	-2	20	+1	50	0	71	106	169
NORTH SUDAN — WÂDI HALFA	01	8	04	2	0	3	Cs	22.7	+6.8	10.4	21	-9	7	-4	39	—	—	—	165
KAREIMA	01	8	30	5	0	1	—	20.7	+7.0	18.5	24	-10	11	-4	28	0	0	1	166
'ATBARA	00	—	30	6	0	0	—	17.6	+5.1	17.0	27	-7	13	-3	24	0	6	1	167
KHARTÛM	18	6	02	4	0	0	—	17.6	+6.3	15.9	31	-6	13	-5	32	0	dr.	5	168
KASSALA	01	8	04	2	1	2	Ac	13.5	+3.6	16.7	33	-4	13	-6	52	0	dr.	11	170
CENTRAL SUDAN — WAD MEDANI	00	—	32	6	0	0	—	15.8	+5.2	17.8	31	-6	10	-8	12	0	2	13	171
DUEIM	00	—	—	3	0	0	—	15.5	+4.6	18.0	29	-8	15	-1	31	0	14	12	173
RENK	00	7	28	4	0	0	—	14.8	—	20	32	—	14	—	18	0	—	—	182
ROSEIRES	00	—	30	1	0	0	—	8.3	-1.2	20.8	35	-4	15	-4	24	0	21	39	172
EL OBEID	03	8	02	4	1	7	Ac	18.4	+5.8	16.5	28	-6	13	-1	35	0	8	19	174
EL FASHER	00	—	04	2	0	0	—	—	—	15.4	31	-3	11	-2	33	0	0	8	175
GENEINA	02	8	04	4	1	5	Ac	—	—	14.9	33	—	13	—	78	0	dr.	—	179
KADUGLI	18	4	04	4	3	5	Ac	14.3	—	21	34	—	17	—	34	0	—	—	187
S. SUDAN — MALAKÂL	02	8	02	6	2	5	Ac,Ns	12.8	+3.2	28.6	32	-6	20	-1	20	0	83	95	176
WAU	00	—	32	3	0	0	—	11.2	+1.9	22.8	35	-3	20	0	16	0	107	159	177
JUBA	01	7	08	1	0	2	Ac	12.4	+2.6	23.0	36	-1	19	-3	59	0	245	154	178

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

UPPER WINDS 7th الرياح العليا

SALUM 7h. m.	MATRUH 18h. m.	DIKHEILA h. m.	CAIRO 8h. m.	HELWÂN 8h. 30m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. m.	KAREIMA 7h. m.	KHARTÛM 6h. m.	KASSALA 6h. m.	EL OBEID 6h. m.	MALAKÂL 7h. m.	JUBA 6h. m.	Salum 6th 13h. m.
02.32.25	02.34.35		02.28.15	02.28.25	05.35.20	05.35.50	03.03.15	06.04.25	06.35.45	06.36.15	07.01.35	06.42.55	06.29.10	02.32.40
05.35.40	05.34.45		05.30.25	05.29.30	10.33.25	10.35.40	06.01.45	10.04.30	10.36.45	10.04.15	10.02.55	10.03.60	10.29.05	05.32.15
10.36.25	07.33.40		10.31.35	08.29.30	15.29.40	15.32.50	10.01.45	15.04.25	15.01.35	15.11.05	15.02.25	15.06.35		09.32.25
14.36.25			Ext.Ns	10.29.40	20.30.40	20.32.60	15.34.35	20.01.25	20.35.30	20.13.05	20.35.25	20.05.25		Ext.Cb
Ext.Cu				15.30.50			20.32.35	30.35.35	30.31.25		30.36.20	30.03.25		
				17.30.40			29.31.45	31.33.55	40.26.20			32.04.20		
				Ext.Cu					50.27.20					
									60.22.25					
									63.19.25					

Forecast for 24 hours from noon on 7th

Fresh winds, strong at times, on the coast northwest to north, inland west to northwest.
Mainly overcast today, some low cloud tomorrow.
Scattered showers.
Further outlook: conditions becoming more settled; temperature rising slightly but remaining much below normal.

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم ٧
رياح منعشة تشتد احيانا وتهب من شمال الغرب الى
الشرب على الساحل ورياح غربية الى شمالية غربية في الداخل
يتخللها وجه امطار بالنهار اليوم ثم تنقص السحب
غدا وتظهر في اماكن متفرقة
وستأخذ حالة الجو في الاستقرار تدريجيا مع ارتفاع
قليل في درجة الحرارة غير انها تبقى دون المعدل بكثير

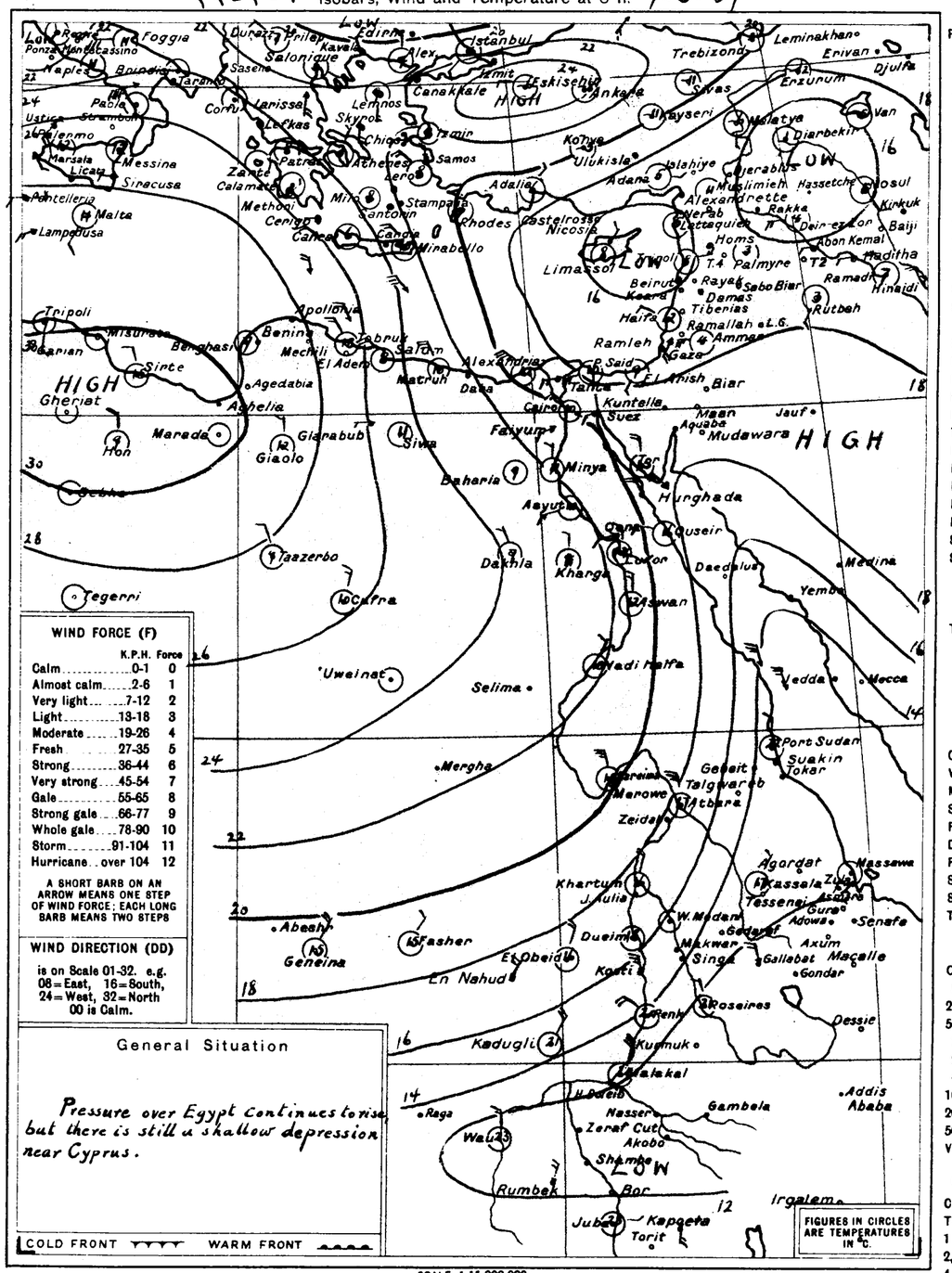
Station	Mean of day: Humidity % on 6th	Humidity Diff. from normal	Wet Bulb Temp. °C on 6th	Wet Bulb Temp. Diff. from normal
Alexandria	46	-19	9.0	-3.3
Ezbekîya	59	+1	9.5	-2.8
Giza	68	+7	9.8	-2.1
Helwân	56	+9	8.1	-2.2

Giza Grass minimum on 7th 2.7 °C

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

DATE	1939	1938
7-3	1086	891
6-3	1144	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-3	13.33	+0.06	13.33	+0.06
Nâsser	6-3	5.65	+0.57	5.64	+0.55
Malakâl	7-3	10.55	+0.26	10.55	+0.25
Roseires	7-3	12.03	+0.55	12.05	+0.55
Sennar Res.	6-3	19.60	—	19.67	—
J. Aulia U.S	6-3	374.93	—	375.63	—
J. Aulia D.S	6-3	371.25	+0.14	371.30	+0.18
Khartûm	7-3	10.35	+0.03	10.40	+0.06
Kh. el Girba					
'Atbara	7-3	10.27	+0.14	10.26	+0.13
Kajnarti	6-3	133.10	+0.61	133.21	+0.71
Aswân Res.	7-3	120.93	—	120.95	—
Aswân D.S.	7-3	86.10	+0.25	86.20	+0.34
Roda (Cairo)	7-3	15.86	+0.28	15.88	+0.30



At 8 h. on 7th الساعة ٨ يوم

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm. °C	Minimum Today °C (mm)	Diff. from norm. °C	Humidity % (UU)	Rainfall Past 24 hrs. mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	6	04	2	1	4	—	15.8	+1.2	8	—	—	—	—	—	0	558	388
Haifa	03	—	26	1	—	7	—	16.7	+2.6	11.7	15	-6	7	-3	58	0	529	606
Gaza	03	6	14	1	6	8	Cu,Sc	17.0	+1.9	9	—	—	7	-2	85	Rain	—	347
Haifa 6th	03	—	26	2	—	7	—	13.9	-0.3	12.7	15	-6	9	-1	47	8	529	605
Gaza 6th	03	6	28	2	6	6	Cu,Sc	13.3	+0.7	12	—	—	8	-1	65	Rain	—	347
Gaza 5th	03	6	10	2	6	8	Cu,Sc	10.6	-4.5	11	—	—	8	-1	75	Rain	—	346

SHIPS سفن
33335 – 23506 – 30401 – 25833 – 35005 – 74715 – 66316.
33336 – 26406 – 28501 – 24856.

Remarks

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

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

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

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

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

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 13 (?)
" " Sunset 17 59 (?)

Month *MARCH* 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal	Dry Bulb TTT	Max Yesterday MM	Diff. from norm.	Min Today mm	Diff. from norm.	UU	Rain Past 24 hrs	Total from Oct. 1	Normal from Oct. 1	Station Number
MEDITERRANEAN	SALÛM	02	8	28	5	1	4	Cu	26.6	14.8	41	00	7	26	4	0	0	—	26.4	+9.3	7.0	16	—	5	—	81	0	77	—	130
	MATRÛH	02	7	28	6	5	5	Cu	23.8	14.4	57	01	7	20	3	1	4	Cu	24.4	+7.5	10.4	15	-5	8	-2	76	dr.	116	145	131
	DIKHEILA	02	8	28	6	5	5	Cu	21.4	14.2	49	21	8	28	4	5	4	Cb	24.4	—	15.2	15	—	10	—	66	dr.	91	—	150
	ALEXANDRIA	02	9	30	7	5	4	Cu	21.1	15.5	46	02	9	28	5	2	5	Cu	24.3	+8.0	15.0	16	-5	11	-1	52	dr.	162	172	132
	DAMIETTA											02	8	18	2	1	4	Ac	24.2	—	11.0	15	—	6	—	75	dr.	70	95	159
	PORT SAÏD	01	7	28	5	6	3	Cu	18.8	15.2	61	01	7	20	4	1	3	Ac	24.4	+9.5	10.9	16	-4	9	-4	77	2	63	65	134
	EL 'ARÎSH	03	7	28	4	5	6	Cb	18.8	12.0	76	02	7	20	1	1	5	Cu	24.3	—	11.4	14	—	7	—	69	1	120	75	135
EGYPT	DAMANHÛR											03	5	20	3	2	8	Sc	25.0	+8.8	10.2	15	-8	7	-1	84	tr.	26	88	136
	MANṢÛRA											01	7	18	1	1	3	Sc	24.8	—	10.4	17	-6	5	-3	81	dr.	44	43	137
	TANTA	03	6	28	5	2	7	Cu	20.7	12.5	71	03	6	20	3	2	7	Sc	25.2	+8.2	11.0	15	-9	5	-4	81	2	38	32	138
	ZAGÂZIG	03	7	20	2	2	8	Sc	20.3	15.4	59	01	7	20	2	1	3	Sc	25.9	—	10.9	16	-7	3	-5	75	3	29	23	139
MIDDLE EGYPT	CAIRO ALMÂZA	02	8	30	4	5	5	Sc	20.8	13.8	54	01	7	18	3	1	2	Sc	25.4	—	10.7	16	—	6	—	56	dr.	10	—	141
	CAIRO EZBEKÎYA	50	7	28	2	5	6	Ns	20.8	14.2	55	01	4	18	3	1	4	As	26.2	+9.8	9.1	17	-6	7	-3	72	tr.	12	20	—
	CAIRO GÎZA	60	7	30	2	2	5	Cb	21.8	10.2	100	01	5	14	4	1	3	Cu	26.6	+9.3	9.4	17	-6	5	-2	76	3	14	20	—
	HELWÂN	03	8	28	7	5	6	Cb	20.6	14.9	31	05	6	12	1	0	0	—	26.7	+10.0	8.9	15	-8	6	-4	65	dr.	20	21	143
	SUEZ	18	6	26	4	2	9	Cb	20.2	15.4	48	00	6	10	1	0	0	—	25.8	+9.4	10.8	17	-6	7	-5	77	0	19	14	144
UPPER EGYPT	FAIYÛM	03	7	30	5	2	6	Sc	21.9	15.7	47	00	7	14	2	0	0	—	26.8	+9.6	9.5	17	-8	4	-5	60	0	tr.	7	153
	MINYA	01	7	28	4	1	4	Cu	22.2	17.8	38	00	6	04	3	0	0	—	27.0	+9.9	10.6	17	-7	5	-4	70	dr.	4	—	154
	ASYÛT	02	8	22	4	1	5	Cu	22.0	17.2	50	00	6	22	2	0	0	—	27.4	+10.3	9.0	19	-7	5	-4	87	0	2	4	155
	QENA	01	8	28	4	1	4	Cu	19.9	20.6	34	00	8	26	2	0	0	—	26.3	+11.0	11.9	22	-8	6	-5	59	0	dr.	—	156
	LUXOR	01	7	26	5	1	3	Cu	19.9	19.4	39	00	7	06	2	0	0	—	25.6	—	12.0	20	—	6	—	63	0	dr.	—	157
	ASWÂN	00	7	32	5	0	0	—	18.8	21.0	20	00	7	32	3	0	0	—	24.8	+8.8	10.8	21	-9	8	-5	48	0	1	—	158
WESTERN DESERT	SIWA	00	8	26	2	1	0	—	23.5	18.0	62	00	8	00	0	0	0	—	—	—	12.2	20	-4	3	-4	74	0	6	6	148
	BAHARÎYA	02	9	32	1	1	4	—	23.2	16.0	32	00	9	00	0	0	0	—	26.8	—	8.0	18	—	2	—	59	0	0	—	149
	KHÂRGA	00	8	04	4	0	0	—	20.6	20.0	31	00	8	32	2	0	0	—	26.0	+9.6	11.2	20	-8	8	-2	51	0	dr.	tr.	151
	DÂKHLA	06	7	28	5	0	0	—	23.9	17.8	68	00	7	20	1	0	0	—	26.7	+9.7	9.3	18	-10	5	-4	66	0	dr.	—	152
RED SEA	TÔR	01	6	28	4	2	3	Cu	18.6	18.5	58	00	6	32	3	0	0	—	24.3	+8.9	13.5	20	-3	9	-3	66	0	20	12	145
	HURGHÂDA											01	9	30	4	0	3	Cb	25.0	+9.8	14.2	19	-6	8	-4	59	0	1	—	146
	QUṢEIR	01	7	02	2	1	4	Ac	18.4	18.4	50	03	7	28	3	2	7	Ns	24.4	+9.7	13.9	20	-5	11	-5	62	0	tr.	6	147
	PORT SUDAN											00	—	32	4	0	0	—	21.1	+7.7	21.6	26	-2	20	+1	44	0	71	106	1[illegible]9
NORTH SUDAN	WÂDI HALFA											01	8	02	4	0	3	Cs	25.1	+9.3	11.8	21	-9	6	-5	33	—	—	—	165
	KAREIMA											00	8	30	5	0	0	—	22.5	+8.8	13.0	26	-8	9	-7	25	0	0	1	166
	'ATBARA											30	—	32	7	3	—	—	19.0	+6.5	16.0	27	-7	12	-4	21	0	6	1	167
	KHARTÛM											33	2	02	6	3	0	—	18.5	+7.3	15.7	30	-7	13	-5	24	0	dr.	5	168
	KASSALA											00	7	02	5	0	0	—	13.4	+3.6	20.0	32	-5	13	-6	40	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	02	6	0	0	—	16.6	+6.0	18.4	31	-7	12	-6	13	0	2	13	171
	DUEIM											00	—	—	5	0	0	—	16.7	+5.9	17.6	29	-8	14	-2	37	0	14	12	173
	RENK											00	7	28	5	0	0	—	15.6	—	19	32	—	15	—	23	0	—	—	182
	ROSEIRES											00	—	32	1	0	0	—	11.2	+1.8	21.3	34	-5	17	-2	31	0	27	39	172
	EL OBEID											01	8	32	5	0	1	Ci	18.0	+5.5	15.6	27	-7	12	-2	32	0	8	19	174
	EL FÂSHER											00	—	04	3	0	0	—	—	—	14.3	31	-3	9	-5	34	0	0	8	175
	GENEINA											01	7	06	6	0	2	Ac	—	—	14.6	31	—	13	—	78	0	dr.	—	179
	KADUGLI											18	4	04	4	0	0	—	14.7	—	19	33	—	17	—	30	0	—	—	187
S. SUDAN	MALAKÂL											00	7	02	7	0	0	—	13.0	+3.5	22.0	34	-4	19	-2	19	0	83	98	176
	WÂU											00	—	32	2	0	0	—	11.7	+2.4	21.5	34	-4	17	-3	18	0	107	159	177
	JÛBA											00	8	24	1	0	0	—	11.5	+1.7	23.3	35	-2	18	-4	44	0	245	155	178

(14h columns: At 14 h. on 7th — الساعة ١٤ يوم ٧; 8h columns: At 8 h. on WEDNESDAY 8th — الساعة ٨ يوم الأربعاء ٨)

UPPER WINDS

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

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA 7 h. m.	CAIRO 9 h. m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 5 h. m.	KAREIMA 4 h. m.	KHARTÛM 6 h. m.	KASSALA 7 h. m.	EL OBEID 6 h. m.	MALAKÂL 7 h. m.	JÛBA 6 h. m.	Salum 7th 13 h. m.
02.27.25	02.27.40	02.31.25	02.20.10	02.16.15	05.01.25	02.36.10	03.02.15	06.03.30	06.01.35	06.04.30	07.01.35	06.01.50	06.21.10	02.32.35
05.26.40	05.28.40	05.31.25	04.29.10	05.28.10	10.02.30	05.36.30	06.02.15	10.01.40	10.03.85	10.03.30	10.03.65	10.03.105	10.23.05	05.32.45
[illegible].26.35	09.29.30	10.29.25	06.27.10	08.26.10	15.36.45	10.02.35	10.02.15	15.25.40	15.02.65	15.05.25	15.04.50	15.04.70	15.23.05	10.32.30
Ent. Sc		12.28.25	09.29.10	10.31.15		15.03.45	15.02.20	20.32.35	20.01.50	20.01.20	20.05.50	20.05.40	20.23.10	15.32.20
			10.32.10	15.33.30				21.32.35	30.28.10	30.31.05		30.09.25	30.25.10	Ent. Cu.
			15.33.15	20.33.40					40.29.20	40.28.25		40.09.15		
			Ent. Cu.	23.32.40					50.26.25	50.30.30				
				25.33.40					60.28.20					
									70.30.35					
									74.29.35					

Forecast for 24 hours from noon on 8th

On the coast moderate to fresh westerly winds.
Inland light to moderate winds chiefly between southwest and northwest.
Occasional low cloud.
Milder, but temperature remaining below normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٨
رياح بين المعتدلة والنسيمية غربية على السواحل
ورياح بين الخفيفة والمعتدلة الأقليم ما بين جنوبية غربية
وشمالية غربية فى الداخل
يظهر بعض السحاب المنخفض من آن لآخر
ويعتدل الطقس إلا أن درجة الحرارة تظل دون المعدل

STATION	Mean of day: Humidity % on 7th	Diff. from normal	Wet Bulb Temp °C on 7th	Diff. from normal
Alexandria	52	-13	9.2	-3.2
Ezbekîya	67	+9	9.2	-3.2
Gîza	66	+5	9.5	-2.5
Helwân	58	+11	7.9	-2.5

Gîza Grass minimum on 8th 2.0 °C

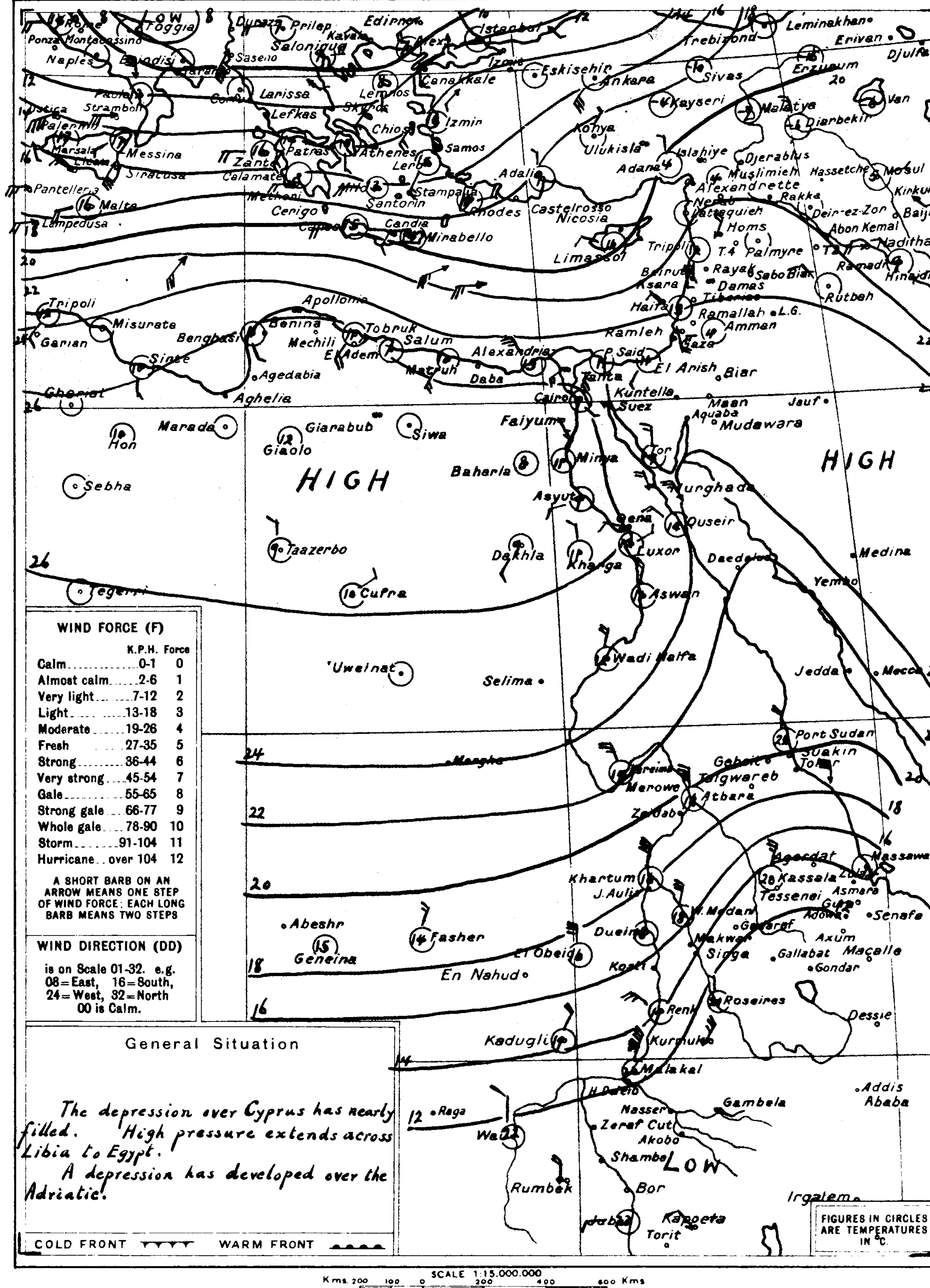
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
8-3	970	891
7-3	1086	891

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-3	13.32	+0.05	13.33	+0.06
Nasser	7-3	5.63	+0.56	5.65	+0.57
Malakâl	8-3	10.55	+0.27	10.55	+0.26
Roseires	8-3	12.02	+0.55	12.03	+0.55
Sennâr Res.	7-3	19.52	—	19.60	—
J. Aulia U.S	7-3	374.96	—	374.93	—
J. Aulia D.S	7-3	371.11	+0.01	371.25	+0.14
Khartûm	7-3	10.35	+0.03	10.40	+0.06
Kh. el Girba					
'Atbara	7-3	10.27	+0.14	10.26	+0.13
Kajnarti	7-3	133.00	+0.55	133.10	+0.61
Aswân Res.	8-3	120.90	—	120.93	—
Aswân D.S.	8-3	85.91	+0.08	86.10	+0.25
Roda (Cairo)	8-3	15.85	+0.27	15.86	+0.28

Printed by the Survey & Mines Dept. 1938 (38/554)

٨ - ٣ - ٣٩ Isobars, Wind and Temperature at 8 h. 8-3-39.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The depression over Cyprus has nearly filled. High pressure extends across Libia to Egypt.

A depression has developed over the Adriatic.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 8th — الساعة ٨ يوم ٨

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb TTT	Max Yesterday MM	Diff. from norm.	Min Today mm	Diff. from norm.	UU	Rain Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	01	7	26	2	1	3	—	19.8	+5.2	11	—	—	—	—	—	0	558	390
Haifa	02	—	26	1	—	5	—	22.7	+8.6	13.2	14	-7	12	+2	65	2	531	607
Gaza	01	8	14	1	6	3	Cu, Sc	24.2	+9.1	10	—	—	5	-4	75	Rain	—	348
SHIPS سفن																		

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 12 m
" " Sunset 17 h 59 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس

At 14 h. on 8th — الساعة ١٤ يوم ٨

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
Mediterranean	SALUM	00	9	22	6	0	0	—	24.2	18.1	33
	MATRUH	00	7	22	4	0	0	—	23.6	13.9?	65
	DIKHEILA	01	8	22	5	1	3	Cu	24.7	18.0	47
	ALEXANDRIA	01	9	22	6	2	3	Cu	24.7	17.4	57
	DAMIETTA										
	PORT SAID	02	7	26	4	1	5	Cu	23.4	18.1	58
	EL ARISH	01	7	28	1	1	2	Cu	24.3	17.5	51
Lower Egypt	DAMANHUR										
	MANSURA										
	TANTA	02	6	20	3	1	5	Cu	24.4	20.5	52
	ZAGAZIG	02	7	20	3	1	4	Cc	24.8	19.4	51
Middle Egypt (Cairo)	ALMAZA	03	8	20	3	2	6	Sc	24.3	18.0	39
	EZBEKIYA	02	7	24	2	1	5	Cu	25.1	19.0	46
	GIZA	03	8	12	2	2	6	Cb	25.1	19.7	50
	HELWAN	02	8	20	2	1	5	Cu	25.0	18.7	39
	SUEZ	01	9	16	2	1	3	Cu	24.7	17.8	55
Upper Egypt	FAIYUM	02	8	02	2	0	4	Cu	25.8	18.8	45
	MINYA	00	8	30	3	0	0	—	25.6	18.0	44
	ASYUT	00	8	30	3	0	0	—	24.8	19.2	45
	QENA	00	8	22	1	0	0	—	23.4	21.0	37
	LUXOR	00	7	22	3	0	0	—	23.0	21.8	36
	ASWAN	00	7	32	4	0	0	—	20.7	22.0	19
Western Desert	SIWA	00	8	26	1	1	0	—	24.0	20.0	66
	BAHARIYA	00	9	00	0	0	0	—	25.8	18.0	28
	KHARGA	00	8	04	3	0	0	—	24.0	19.3	33
	DAKHLA	00	7	04	1	0	0	—	25.5	18.8	57
Red Sea	TOR	00	6	28	5	0	0	—	23.4	17.3	75
	HURGHADA										
	QUSEIR	01	7	32	3	1	4	Ac	23.1	18.0	57
	PORT SUDAN										

At 8 h. on THURSDAY 9th — الساعة ٨ يوم الخميس ٩

Region	Station	ww	V	Wind Dir. DD	Wind Force F	W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM	00	7	24	6	0	0	—	21.2	+4.1	8.9	19	—	6	—	42	0	77	—	130
	MATRUH	00	7	18	3	0	0	—	19.9	+3.0	11.8	20	0	8	-2	47	0	116	145	131
	DIKHEILA	00	8	20	3	0	0	—	22.6	—	12.0	18	—	8	—	46	0	91	—	150
	ALEXANDRIA	00	9	20	3	0	0	—	21.5	+5.2	13.2	18	-3	11	-1	53	0	162	173	132
	DAMIETTA	00	8	20	2	0	0	—	21.5	—	12.2	17	—	7	—	74	0	70	95	159
	PORT SAID	00	7	18	5	0	0	—	21.6	+6.8	12.2	19	-1	9	-4	68	0	63	65	134
	EL ARISH	00	7	00	0	0	0	—	—	—	14.2	17	—	8	—	63	0	120	75	135
Lower Egypt	DAMANHUR	01	7	20	3	1	2	Cu	22.2	+6.1	11.0	20	-3	7	-1	59	0	26	89	136
	MANSURA	00	8	16	1	0	0	—	22.3	—	11.0	20	-3	6	-3	64	0	44	43	137
	TANTA	00	7	20	2	0	0	—	22.3	+5.3	12.0	21	-3	6	-3	59	0	38	33	138
	ZAGAZIG	01	7	20	2	1	2	Cs	23.1	—	12.9	20	-3	5	-3	66	0	29	23	139
Middle Egypt (Cairo)	ALMAZA	02	8	16	1	1	4	Ci	22.7	—	14.5	19	—	10	—	46	0	10	—	141
	EZBEKIYA	05	5	16	3	1	3	Ci	23.0	+6.7	12.2	22	-2	8	-2	63	0	12	20	—
	GIZA	02	6	12	1	1	4	Ci	23.2	+6.0	11.6	21	-2	7	0	70	0	14	20	—
	HELWAN	05	6	10	2	0	3	Ci	23.2	+6.5	12.2	20	-3	8	-2	57	0	20	21	143
	SUEZ	01	7	00	0	0	—	Cs	23.0	+6.6	13.0	19	-4	7	-5	75	0	19	14	144
Upper Egypt	FAIYUM	09	6	00	0	0	2	Cu	23.9	+6.7	11.0	22	-3	4	-5	65	0	tr.	7	153
	MINYA	00	7	32	1	0	0	—	23.2	+6.2	13.1	19	-4	7	-2	62	0	4	—	154
	ASYUT	00	6	22	3	0	0	—	23.2	+6.2	11.2	21	-5	7	-2	67	0	2	4	155
	QENA	02	8	26	2	1	4	Cu	21.9	+6.6	12.3	23	-7	6	-5	66	0	dr.	—	156
	LUXOR	01	7	12	2	1	3	Sc	21.9	—	12.3	23	—	4	—	59	0	dr.	—	157
	ASWAN	00	7	32	2	0	0	—	20.3	+4.5	11.2	23	-7	8	-5	41	0	1	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	21.5	+4.5	8.0	21	-4	1	-7	69	0	6	6	148
	BAHARIYA	00	9	00	0	0	0	—	24.0	—	8.0	20	—	2	—	47	0	0	—	149
	KHARGA	00	8	04	2	0	0	—	21.8	+5.5	14.0	20	-8	8	-2	54	0	dr.	tr.	151
	DAKHLA	02	6	28	1	1	4	Cc	23.4	+6.5	7.9	20	-8	4	-5	63	0	dr.	—	152
Red Sea	TOR	01	6	32	3	0	3	Cc	21.6	+6.2	12.5	20	-4	7	-5	71	0	20	12	145
	HURGHADA	01	9	30	4	0	3	Ci	20.8	+5.6	17.5	19	-6	8	-4	60	0	1	—	146
	QUSEIR	01	7	30	2	1	4	Ac	21.1	+6.5	18.3	19	-6	12	-4	54	0	tr.	6	147
	PORT SUDAN	01	—	32	5	1	4	—	15.2	+1.9	22.9	27	-1	21	+2	66	0	71	106	169
North Sudan	WADI HALFA	01	8	32	3	1	4	Ci, Ac	19.9	+4.2	12.6	23	-7	8	-4	45	—	—	—	165
	KAREIMA	00	8	32	3	0	0	—	16.5	+2.9	16.0	24	-10	11	-5	32	0	0	1	166
	ATBARA	00	—	32	4	0	0	—	14.7	+2.3	17.0	27	-8	12	-4	38	0	6	1	167
	KHARTUM	05	6	04	4	0	0	—	13.8	+2.8	17.3	29	-8	15	-3	26	0	dr.	5	168
	KASSALA	00	8	04	3	0	0	—	9.4	-0.4	20.4	32	-5	12	-7	40	0	dr.	11	170
Central Sudan	WAD MEDANI	00	—	02	5	0	0	—	11.9	+1.3	19.1	31	-7	13	-5	39	0	2	13	171
	DUEIM	00	—	—	3	0	0	—	12.4	+1.6	19.6	30	-7	14	-2	49	0	14	12	173
	RENK									—			—		—					182
	ROSEIRES	00	—	26	1	0	0	—	7.2	-2.1	21.9	35	-4	17	-2	42	0	27	39	172
	EL OBEID	01	8	32	4	0	2	Ci	14.1	+1.7	15.3	27	-7	11	-3	21	0	8	20	174
	EL FASHER	00	—	04	2	0	0	—	—	—	13.1	29	-5	8	-6	42	0	0	8	175
	GENEINA	18	7	02	5	1	3	Ac	—	—	13.8	29	—	12	—	78	0	dr.	—	179
	KADUGLI	00	7	28	3	0	0	—	12.4	—	20	32	—	16	—	25	0	—	—	187
S. Sudan	MALAKAL	00	7	02	6	0	0	—	8.2	-1.3	23.5	33	-5	20	-1	15	0	83	95	176
	WAU	00	—	32	3	0	0	—	9.5	+0.3	22.3	33	-5	17	-3	11	0	107	160	177
	JUBA	00	8	20	1	0	0	—	8.6	-1.2	25.0	35	-2	19	-3	28	0	245	156	178

UPPER WINDS — 9th

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 4 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 6 h.	Salum 8th 13 h.
02.27.50	02.25.40	02.26.45	02.23.10	02.17.10	05.01.30	02.01.15	03.04.25	06.04.15	06.01.40	06.04.25	07.01.30	06.02.50	06.28.25	02.25.35
04.25.—	05.26.30	05.26.55	05.27.25	05.23.15	10.35.10	05.05.30	06.05.45	10.04.25	10.03.55	10.07.15	10.04.55	10.03.100	10.30.15	05.25.10
05.28.20	10.26.40	10.26.40	08.27.20	08.27.20	15.36.05	10.05.30	10.04.30	15.02.15	15.03.35	15.09.10	15.06.35	15.06.60	15.23.10	10.27.35
10.31.50		15.26.30	10.28.15	10.28.10	20.35.10	15.10.30	15.10.25	20.01.20	20.32.15	20.07.05	20.07.15	20.16.15	20.20.15	15.26.45
		18.26.35		15.28.15		20.07.20	20.07.35	21.36.10	30.28.10	30.24.15	30.12.05	30.12.25	30.21.45	20.28.45
				20.28.40			23.07.30		40.24.05	40.20.15	35.06.05	40.09.25		25.28.45
				23.28.30					50.29.10					
				25.28.25					60.31.10					
				29.28.20										

Forecast for 24 hours from noon on 9th

On the coast fresh southwest winds, veering later to northwest and strengthening.
Inland moderate southwest to west winds, freshening.
Mainly clear at first, occasional low cloud later.
Rain on the coast in the west probable tomorrow.
Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٩
رياح نسيمية جنوبية غربية على السواحل تتحول إلى الشمال الغربي وتشتد
وفي الداخل رياح معتدلة جنوبية غربية إلى غربية تزداد قوة
والسماء صحو أولاً ثم يظهر بعض السحاب المنخفض
وغالبا تمطر على السواحل في الغرب غدا
ودرجة الحرارة حول المعدل

Mean of day

Station	Humidity % on 8th	Diff. from normal	Wet bulb temp °C on 8th	Diff. from normal
Alexandria	58	-7	11.4	-1.0
Ezbekiya	57	-1	10.0	-2.5
Giza	66	+6	10.4	-1.8
Helwan	48	+1	9.2	-1.2

Giza Grass minimum on 9th 2.4 °C

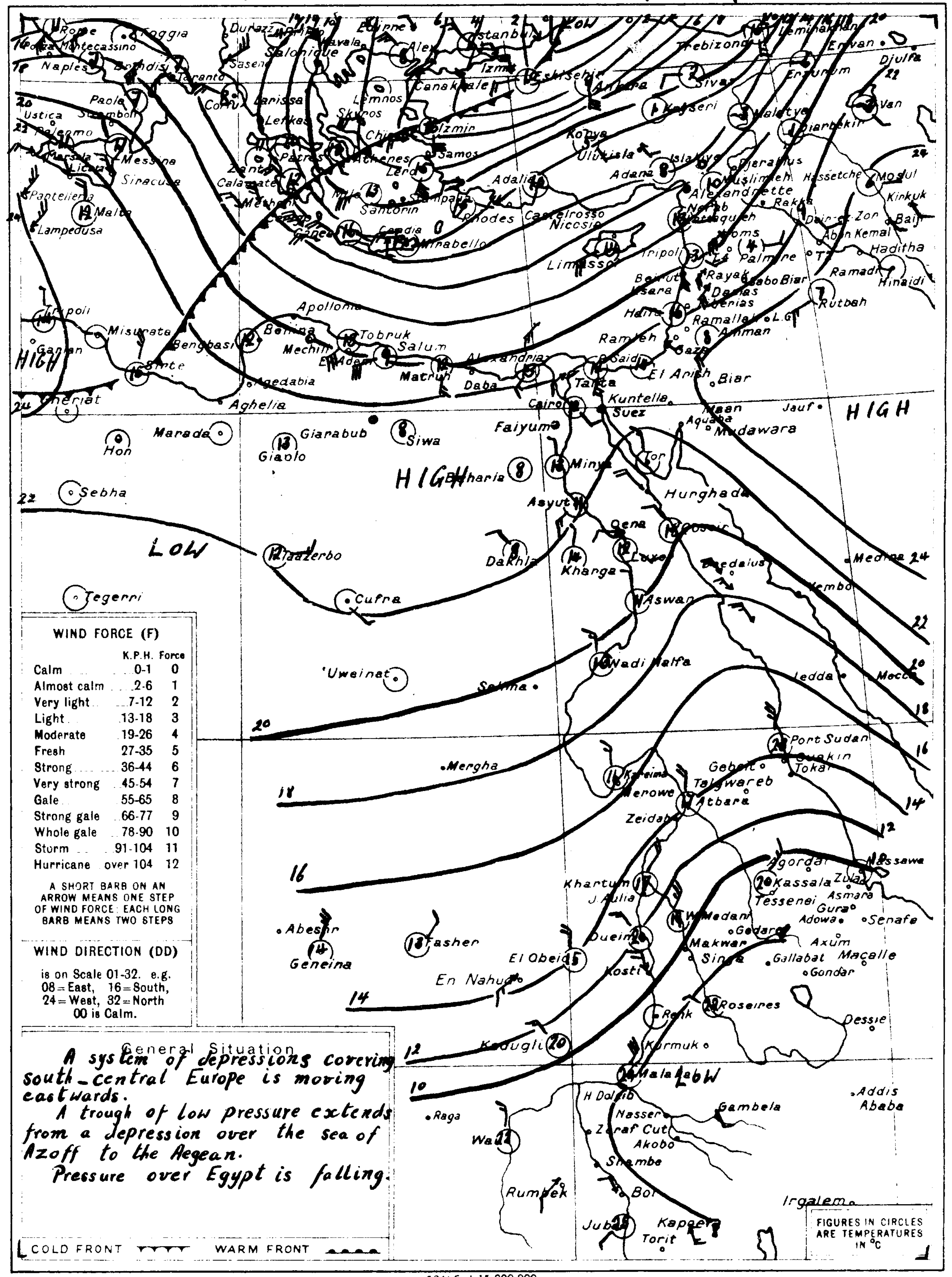
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
9-3	953	890
8-3	970	891

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	9-3	13.31	+0.04	13.32	+0.05
Nasser	8-3	5.58	+0.52	5.63	+0.56
Malakal	9-3	10.55	+0.28	10.55	+0.27
Roseires	9-3	12.01	+0.56	12.02	+0.55
Sennar Res.	8-3	19.42	—	19.52	—
J. Aulia U.S	9-3	374.95	—	374.92	—
J. Aulia D.S	9-3	371.08	0.00	371.13	+0.04
Khartum	9-3	10.32	+0.08	10.32	+0.05
Kh. el Girba					
Atbara	9-3	10.26	+0.14	10.27	+0.14
Kajnarti	8-3	132.90	+0.49	133.00	+0.55
Aswan Res.	9-3	120.90	—	120.90	—
Aswan D.S.	9-3	85.85	+0.03	85.91	+0.08
Roda (Cairo)	9-3	15.84	+0.26	15.85	+0.27

Printed by the Survey & Mines Dept. 1938 (38/554)

٩-٣-٣٩ Isobars, Wind and Temperature at 8 h. 9-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

A system of depressions covering south-central Europe is moving eastwards.
A trough of low pressure extends from a depression over the sea of Azoff to the Aegean.
Pressure over Egypt is falling.

At 8 h. on 9th — الساعة ٨ يوم ٩

Station محطة	ww	V	Wind Dir. DD	Wind Force F	W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	20	5	22	5	6	8	—	17.5	+3.1	14	—	—	—	—	—	3	561	391
Haifa	00	—	26	1	—	0	—	21.8	+7.8	16.5	18	-3	11	+1	67	3	534	608
Gaza	00	9	10	1	0	0	—	23.0	+8.0	11	—	—	6	-3	75	0	—	349
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. 06 m. 11
" " Sunset h. 18 m. 00

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

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس

At 14 h. on 9th (الساعة ١٤ يوم ٩)

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN	SALÛM	00	9	24	6	0	0	—	19.0	22.0	25
	MATRÛH	00	7	28	3	0	0	—	17.8	19.2	59
	DIKHEILA	01	8	24	2	0	1	Ci	19.6	18.5	39
	ALEXANDRIA	00	9	22	4	0	0	—	19.4	19.0	46
	DAMIETTA										
	PORT SAÎD	00	7	28	4	0	0	—	19.1	21.6	38
	EL 'ARÎSH	00	7	20	1	0	0	—	19.5	18.9	42
LOWER EGYPT	DAMANHÛR										
	MANṢÛRA										
	TANTA	00	7	24	3	0	0	—	19.2	23.0	31
	ZAGÂZIG	00	8	20	2	0	0	—	19.9	22.9	31
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	22	3	0	2	Ci	19.5	22.1	20
	CAIRO EZBEKÎYA	01	8	24	1	1	1	Cu	19.5	23.2	24
	CAIRO GÎZA	01	8	26	1	1	3	Ci	19.2	24.4	23
	HELWÂN	01	8	20	2	0	3	Ci	19.4	19.9	32
	SUEZ	00	9	16	1	1	0	—	19.4	21.3	42
UPPER EGYPT	FAIYÛM	01	8	26	1	0	3	Cu	19.9	21.2	35
	MINYA	01	8	28	2	1	3	As	20.0	21.8	33
	ASYÛT	02	8	30	3	1	5	As	19.4	23.1	37
	QENA	02	8	22	2	1	4	Ac	17.6	25.2	33
	LUXOR	03	7	04	3	2	6	As	16.8	26.4	28
	ASWÂN	02	7	30	3	2	5	Cu	14.2	26.9	21
WESTERN DESERT	SÎWA	00	8	00	0	1	0	—	19.2	22.0	57
	BAHARÎYA	00	9	00	0	0	0	—	18.8	22.0	22
	KHÂRGA	00	8	04	3	0	0	—	19.0	21.4	39
	DÂKHLA	02	7	04	1	1	5	Cc	18.4	23.5	51
RED SEA	TÔR	00	6	28	4	0	0	—	17.9	20.0	72
	HURGHÂDA										
	QUṢEIR	01	7	02	2	0	1	Ci	19.2	20.5	52
	PORT SUDAN										
NORTH SUDAN	WÂDI HALFA										
	KAREIMA	00	8	04	4	0	0	—	11.7	27	15
	'ATBARA										
	KHARTÛM	05	7	04	1	1	3	—	7.8	31	24
	KASSALA	00	8	04	2	0	0	—	3.5	32	24
CENTRAL SUDAN	WAD MEDANI										
	DUEIM										
	RENK	00	7	28	3	0	0	—	2.2	33	25
	ROṢEIRES										
	EL OBEID	01	8	04	3	0	3	—	7.9	29	24
	EL FÂSHER										
	GENEINA	00	7	08	3	0	0	—	—	28	39
	KADUGLI										
S. SUDAN	MALAKÂL	00	8	02	4	0	0	—	3.2	35	12
	WÂU										
	JÛBA	00	8	32	1	0	0	—	3.2	35	15

At 8 h. on FRIDAY 10th (الساعة ٨ يوم الجمعة ١٠)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALÛM	08	4	00	0	4	5	As	19.2	+2.1	12.6	23	—	8	—	93	0	77	—	130
MATRÛH	02	7	16	1	2	5	Ci	17.9	+1.1	13.6	22	+2	9	-1	71	0	116	146	131
DIKHEILA	01	8	26	2	0	2	Cs	19.2	—	13.9	19	—	10	—	45	0	91	—	150
ALEXANDRIA	00	9	00	0	0	0	—	18.8	+2.6	14.6	20	-1	11	-1	51	0	162	173	132
DAMIETTA	02	8	20	2	1	5	Cs	18.4	—	13.8	22	—	8	—	71	0	70	95	159
PORT SAÎD	01	7	20	4	1	3	Ac	18.7	+3.9	14.4	22	+1	11	-2	59	0	63	66	134
EL 'ARÎSH	00	7	00	0	0	0	—	19.1	—	15.2	21	—	8	—	52	0	120	75	135
DAMANHÛR	01	6	12	1	1	2	Cu	19.2	+3.1	13.2	23	0	9	+1	64	0	26	89	136
MANṢÛRA	01	8	12	1	1	3	Ac	18.7	—	12.5	23	0	7	-2	63	0	44	43	137
TANTA	01	7	20	2	1	4	Ci	19.5	+2.5	14.0	24	0	6	-3	47	0	38	33	138
ZAGÂZIG	01	7	14	1	1	3	Cs	19.0	—	14.4	23	0	6	-2	61	0	29	23	139
CAIRO ALMÂZA	02	8	14	3	2	5	Ci	18.6	—	15.8	23	—	10	—	31	0	10	—	141
CAIRO EZBEKÎYA	02	6	18	1	1	4	Cs	19.0	+2.8	12.6	24	0	7	-3	40	0	12	20	—
CAIRO GÎZA	02	6	16	1	1	5	Ci	19.2	+2.1	14.7	25	-2	5	-3	48	0	14	20	—
HELWÂN	02	6	00	0	1	5	Ci	19.1	+2.5	13.0	22	-1	9	-2	30	0	20	21	143
SUEZ	02	8	00	0	1	4	As	19.0	+2.7	12.0	22	-1	8	-4	54	0	19	14	144
FAIYÛM	01	7	00	0	0	3	Cu	19.5	+2.4	14.8	24	-1	5	-4	48	0	tr.	7	153
MINYA	01	5	32	1	1	3	Ci	18.7	+1.7	12.0	22	-3	8	-1	65	0	4	—	154
ASYÛT	02	7	22	3	1	5	Ac	18.0	+1.1	13.1	24	-2	9	0	55	0	2	4	155
QENA	02	8	30	2	1	4	Cu	17.4	+2.2	14.0	29	-1	8	-3	49	0	dr.	—	156
LUXOR	03	7	06	2	2	8	Sc	16.6	—	17.0	27	—	7	—	33	0	dr.	—	157
ASWÂN	02	7	02	1	2	5	Cu	15.2	-0.6	15.1	28	-2	8	-5	39	0	1	—	158
SÎWA	00	8	00	0	0	0	—	—	—	9.2	24	-1	3	-6	—	0	6	6	148
BAHARÎYA	00	9	00	0	0	0	—	19.1	—	11.0	24	—	4	—	36	0	0	—	149
KHÂRGA	00	8	02	4	0	0	—	16.3	0.0	18.7	23	-5	12	+2	36	0	dr.	tr.	151
DÂKHLA	02	6	28	1	2	5	Ac	—	—	12.9	25	-3	7	-2	60	0	dr.	—	152
TÔR	00	6	32	2	0	0	—	17.4	+2.1	14.0	21	-3	8	-4	57	0	20	12	145
HURGHÂDA	02	9	28	3	2	5	Ci	17.0	+1.9	17.6	22	-3	8	-4	42	0	1	—	146
QUṢEIR	02	6	30	2	1	5	As	17.0	+2.5	20.6	22	-3	14	-2	32	0	tr.	6	147
PORT SUDAN	03	—	32	2	1	7	—	12.8	-0.4	23.0	27	-1	19	0	70	0	71	106	1[illegible]9
WÂDI HALFA	01	8	32	2	1	3	Ac	15.3	-0.3	15.8	27	-4	10	-2	32	—	—	—	165
KAREIMA	00	8	30	4	0	0	—	13.2	-0.3	19.0	29	-5	15	-1	38	0	0	1	166
'ATBARA	00	—	02	2	0	0	—	12.0	-0.3	21.0	29	-6	15	-1	27	0	6	1	167
KHARTÛM	05	6	04	3	0	0	—	10.0	-1.0	19.8	32	-5	17	-1	32	0	dr.	5	168
KASSALA	00	8	02	3	0	0	—	8.0	-1.7	21.8	33	-5	15	-4	58	0	dr.	11	170
WAD MEDANI	00	—	02	4	0	0	—	8.6	-1.9	21.7	33	-5	13	-5	36	0	2	13	171
DUEIM	00	—	—	3	0	0	—	10.0	-0.7	20.8	32	-5	16	0	40	0	14	12	173
RENK									—										182
ROṢEIRES	00	—	26	1	0	0	—	5.4	-3.8	23.8	37	-2	19	0	33	0	27	39	172
EL OBEID	05	7	02	3	0	0	—	11.1	-1.2	18.3	30	-5	14	0	20	0	8	20	174
EL FÂSHER	00	—	02	2	0	0	—	—	—	16.9	32	-3	9	-5	36	0	0	8	175
GENEINA	01	8	08	2	0	3	Ac	—	—	15.6	32	—	13	—	89	0	dr.	—	179
KADUGLI																			187
MALAKÂL	03	8	02	4	2	7	Ac,As	7.5	-2.0	24.3	36	-3	22	+1	19	0	83	96	176
WÂU	00	—	04	1	0	0	—	7.2	-1.9	24.0	35	-3	19	-1	21	0	107	161	177
JÛBA	03	8	00	0	8	6	Sc	7.3	-2.5	24.8	36	-1	23	+1	47	dr.	245	157	178

UPPER WINDS الرياح العليا يوم ١٠

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

SALÛM 7 h. — m.	MATRÛH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWÂN h. m.	ASYÛT h. m.	ASWÂN h. m.	WÂDI HALFA 5 h. — m.	KAREIMA 7 h. m.	KHARTÛM 6 h. — m.	KASSALA 7 h. — m.	EL OBEID 7 h. — m.	MALAKÂL 6 h. — m.	JÛBA 6 h. — m.	Salum 9th 13 h. 00 m.
02 00 00							03 04 25	06 11 15	06 01 35	06 05 15	07 01 65	06 02 50	06 05 05	02 28 25
05 14 10							06 06 35	10 13 15	10 03 25	10 04 15	10 03 35	10 02 60	07 05 05	04 26 —
10 25 40							10 06 50	15 17 15	15 07 15	15 03 20	15 04 25	15 05 30		05 27 20
15 25 30							15 09 45	20 21 10	20 32 20	20 01 20	20 02 16	20 36 10		08 26 05
20 27 30							20 09 25	30 25 10	30 16 05	30 36 25	30 34 05	30 09 20		10 28 20
25 24 35								31 25 15	40 23 10	40 36 50		40 13 30		
30 25 40									50 17 20	50 32 50				
35 26 50									60 15 25					
40 26 40									70 20 15					

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 9th	Humidity Diff. from normal	Wet Bulb Temp. °C on 9th	Wet Bulb Diff. from normal
Alexandria	48	-17	10.8	-1.7
Ezbekîya	47	-11	10.4	-2.2
Gîza	58	-2	10.5	-1.8
Helwân	40	-7	10.1	-0.4

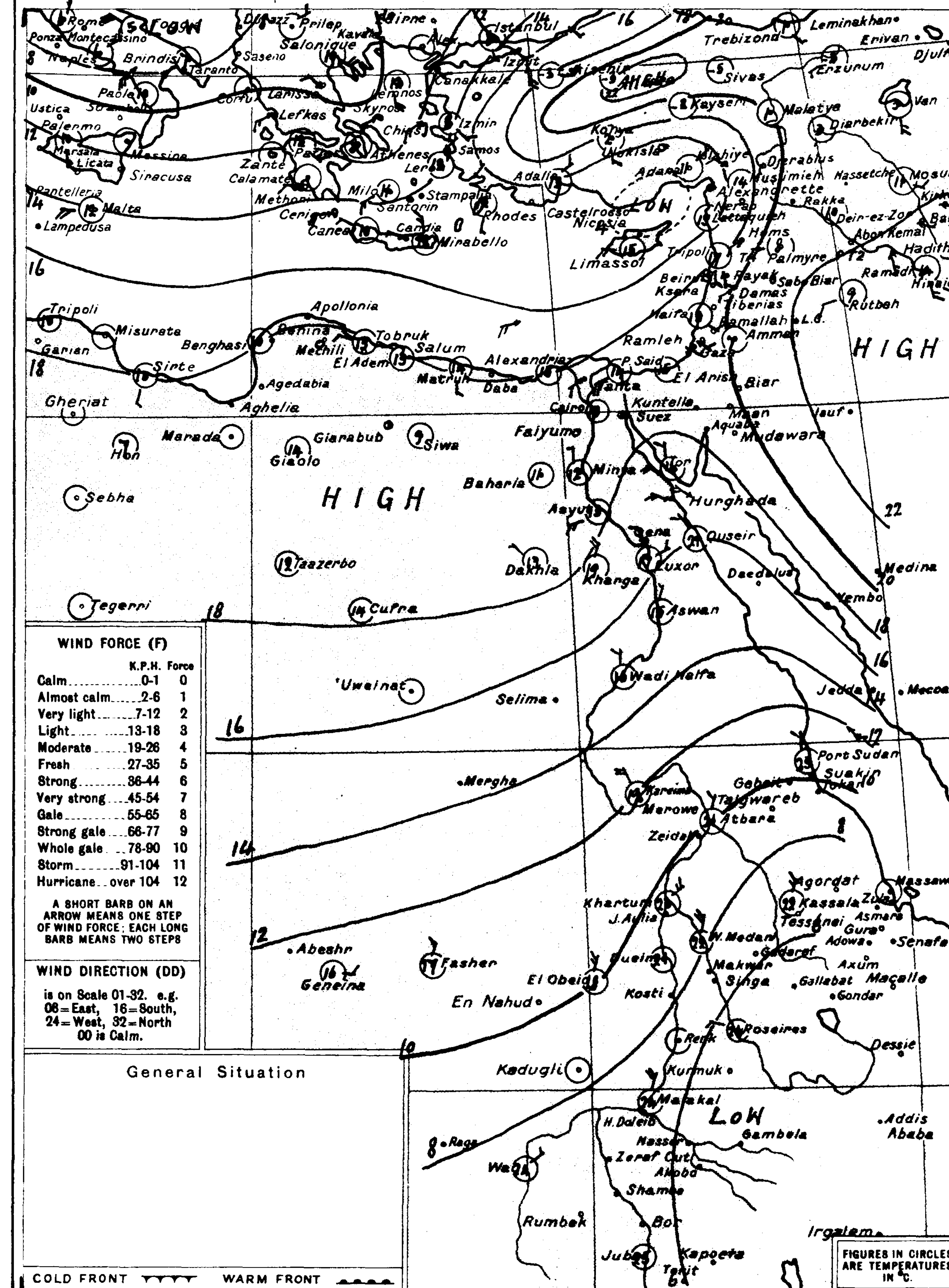
Gîza Grass minimum on 10th 0.2 °C

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

DATE	1939	1938
10-3	869	890
9-3	953	890

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-3	13.31	+0.04	13.31	+0.04
Nâsser	10-3	5.56	+0.51	5.53	+0.48
Malakâl	10-3	10.54	+0.29	10.55	+0.28
Roṣeires	10-3	12.02	+0.59	12.01	+0.56
Sennâr Res.	10-3	19.28		19.35	
J. Aulia U.S	10-3	375.09	—	374.95	—
J. Aulia D.S	10-3	370.99	-0.08	371.08	0.00
Khartûm	10-3	10.28	+0.06	10.32	+0.08
Kh. el Girba					
'Atbara	10-3	10.22	+0.11	10.26	+0.14
Kajnarti	10-3	132.74	+0.36	132.80	+0.40
Aswân Res.	10-3	120.87	—	120.90	—
Aswân D.S.	10-3	85.72	-0.08	85.85	+0.03
Rôda (Cairo)	10-3	15.84	+0.26	15.84	+0.26

Isobars, Wind and Temperature at 8 h. 10-3-1939. ١٠-٣-١٩٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 Kms. 200 100 0 200 400 600 Kms.

At 8 h. on 10th (الساعة ٨ يوم ١٠)

Station مرصد	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	24	3	0	2	—	16.6	+2.2	15	—	—	—	—	—	dr	561	393
Haifa	01	—	10	2	—	3	—	19.4	+5.4	13.2	19	-3	9	-1	61	0	534	609
Gaza	01	9	10	1	0	4	Ci	20.0	+5.1	12	—	—	6	-3	75	—	—	349
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38 / 554)

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h. 06 m. 10
„ „ Sunset h. 18 m. 01

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

DAILY WEATHER REPORT

Month *MARCH* 1939 — ١٩٣٩ شهر مارس — ١١ - ٣ - ٣٩

At 14 h. on *10th* (الساعة ١٤ يوم ١٠) — At 8 h. on *SATURDAY 11th* (الساعة ٨ يوم السبت ١١)

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	01	8	16	4	0	2	Cs	16.3	23.0	21	03	7	16	4	2	7	Cs	15.5	-1.5	15.6	24		11		23	0	77	—	130
MATRÛH	01	7	06	3	1	4	Sc	16.6	18.7	72	02	7	14	2	1	4	Sc	15.1	-1.6	14.1	22	+2	9	-1	54	0	116	146	131
DIKHEILA	02	8	28	1	1	4	Ci	18.4	18.0	53	01	8	12	1	1	3	Ac	17.1	—	12.4	21	—	9	—	85	0	91	—	150
ALEXANDRIA	02	9	20	2	2	5	Ac	18.0	19.8	—	01	9	12	5	2	3	Ac	16.0	-0.2	14.0	22	+1	12	0	78	0	162	173	132
DAMIETTA											02	7	08	2	1	4	Ac	16.2	—	17.1	22	—	13	—	84	0	70	96	159
PORT SAÎD	02	7	02	3	1	4	Ac	18.0	21.6	59	02	7	04	3	1	4	Ci	16.3	+1.6	17.5	24	+3	14	+1	80	0	63	66	134
EL 'ARÎSH	00	7	32	2	0	0	—	18.4	19.6	34	00	7	00	0	0	0	—	16.8	—	15.1	23	—	10	—	65	0	120	76	135
LOWER EGYPT																													
DAMANHÛR											01	6	08	3	1	4	Cu	16.7	+0.6	13.0	24	+1	8	-1	91	0	26	89	136
MANSÛRA											01	7	02	1	1	4	Ac	16.2	—	14.9	24	+1	10	+1	88	0	44	43	137
TANTA	02	7	28	2	1	5	Ci	18.7	25.0	28	02	7	04	3	1	5	Sc	16.4	-0.6	14.5	26	+2	8	-1	84	0	38	33	138
ZAGÂZÎG	01	7	02	2	1	3	Cs	17.4	23.7	27	02	7	04	2	2	4	Cc	16.2	—	14.9	25	+2	7	-1	77	0	29	23	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	02	8	02	3	2	5	Cs	17.1	23.9	41	02	7	05	3	1	4	Cc	15.5	—	17.0	25	—	10	—	36	0	10	—	141
CAIRO EZBEKÎYA	02	8	04	1	2	5	Ci	17.2	24.5	17	02	6	32	2	1	5	Ac	15.5	-0.6	14.1	26	+2	9	-1	53	0	12	20	—
CAIRO GÎZA	02	9	30	1	2	5	Ci	17.2	24.3	23	02	5	30	1	2	5	Cc	15.4	-1.6	15.1	25	+2	4	-4	52	0	14	20	—
HELWÂN	02	9	32	2	1	5	Ci	16.3	24.8	9	05	6	00	0	1	5	Ac	14.8	-1.7	12.7	25	+2	10	-1	54	0	20	22	143
SUEZ	03	9	32	1	1	6	As	16.8	23.4	24	02	8	28	2	1	5	Ac	15.4	-0.8	14.8	25	+2	10	-2	52	0	19	14	144
UPPER EGYPT																													
FAIYÛM	02	8	30	2	1	5	Cu	17.2	23.2	30	03	7	30	1	1	6	Sc	15.4	-1.6	14.0	25	0	6	-3	49	0	tr.	7	153
MINYA	01	7	28	3	1	4	Cs	16.4	24.0	22	02	4	32	1	2	5	Cs	14.6	-2.3	11.0	25	0	9	0	63	0	4	—	154
ASYÛT	02	8	24	3	1	5	As	15.9	25.2	16	03	6	22	3	2	8	As	14.8	-2.0	13.8	27	+1	10	0	41	0	2	4	155
QENA	01	8	24	2	1	3	Cu	15.0	27.9	32	03	8	28	2	2	8	Cu	14.2	-0.9	16.7	31	+1	12	+1	56	0	dr.	—	156
LUXOR	01	7	02	4	1	3	Cu	14.0	28.2	23	03	6	32	2	2	8	Cu	12.3	—	16.1	31	—	10	—	57	0	dr.	—	157
ASWÂN	01	7	32	2	1	3	Ce	11.6	29.2	11	01	7	02	1	1	3	Cu	12.2	-3.5	17.0	31	+1	10	-3	34	0	1	—	158
WESTERN DESERT																													
SÎWA	02	8	00	0	2	5	Cu	—	25.0	48	00	8	00	0	0	0	—	14.3	-2.5	10.2	26	+1	6	-2	58	0	6	6	148
BAHARÎYA	02	9	00	0	1	4	—	17.0	23.5	19	02	9	00	0	1	4	—	—	—	11.0	24	—	6	—	30	0	0	—	149
KHARGA	02	7	04	3	1	5	Cs	13.3	30.7	25	00	8	32	1	0	0	—	13.5	-2.7	18.2	31	+3	14	+4	41	0	dr.	tr.	151
DÂKHLA	03	6	04	1	2	8	As	14.8	26.4	42	03	6	24	1	2	7	Ac	14.8	-1.9	14.7	26	-2	9	0	52	0	dr.	—	152
RED SEA																													
TÔR	01	6	28	3	1	4	Ac	15.0	21.8	52	01	6	00	0	0	4	Ci	—	—	16.5	22	-2	12	0	53	0	20	12	145
HURGHÂDA											02	8	30	4	2	5	Cs	13.6	-1.5	20.3	24	-1	12	0	52	0	1	—	146
QUSEIR	01	7	02	3	0	1	Ci	15.6	23.8	42	02	7	00	0	1	5	As	14.3	-0.2	23.6	24	-1	16	0	30	0	tr.	6	147
PORT SUDAN	03	—	32	2	—	7	—	11	26	75	01	—	32	1	1	4	—	13.0	-0.2	24.5	28	0	20	0	51	0	71	106	169
NORTH SUDAN																													
WÂDI HALFA											01	8	00	0	1	4	Ac	12.4	-3.1	17.4	32	+1	12	0	34	—	—	—	165
KAREIMA	01	8	28	3	0	2	—	8.9	32	24	01	8	32	3	0	4	Ac	10.7	-2.7	21.0	33	-2	17	+1	27	0	0	1	166
'ATBARA	01	—	06	3	0	4	—	7	33	25	00	—	06	3	0	0	—	10.0	-2.3	24.6	33	-2	19	+3	48	0	6	1	167
KHARTÛM	00	6	04	1	0	0	—	5.4	35	19	05	6	02	2	0	1	Ac	8.9	-1.9	22.9	36	-1	18	0	38	0	dr.	5	168
KASSALA	00	8	02	3	0	0	—	3.8	36	20	00	8	08	1	0	0	—	7.4	-2.2	23.5	36	-2	18	-1	63	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	30	3	0	4	—	4	36	—	01	—	04	3	0	4	—	8.2	-2.1	24.4	37	-1	15	-3	29	0	2	13	171
DUEIM	01	—	—	2	0	4	—	6	37	25	00	—	—	3	0	0	—	9.0	-1.7	24.4	36	-1	19	+2	34	0	14	12	173
RENK	00	7	28	1	0	0	—	3.6	35	24									—			—		—					182
ROSEIRES											00	—	14	1	0	0	—	5.1	-4.0	27.7	40	+1	20	+1	34	0	27	39	172
EL OBEID	00	8	04	2	0	0	—	5.2	32	21	01	8	32	3	0	1	Ci	10.3	-1.9	21.5	33	-2	19	+5	29	0	8	20	174
EL FÂSHER											00	—	06	1	0	0	—	—	—	18.1	36	+1	11	-3	29	0	0	8	175
GENEINA	01	8	04	2	1	4	Ac	—	32	38	03	8	04	2	1	7	Ac	—	—	17.8	35	—	16	—	71	0	dr.	—	179
KADUGLI											18	4	20	4	3	0	—	9.2	—	20	35	—	17	—	40	0	—	—	187
S. SUDAN																													
MALAKÂL	03	8	04	3	2	7	Ac, As	4.3	32	16	01	8	02	2	1	4	Ac	8.3	-1.1	25.5	35	-4	19	-2	25	dr.	83	96	176
WÂU											00	—	16	1	0	0	—	6.4	-2.7	25.0	37	-1	22	+1	44	0	107	162	177
JÛBA	01	8	32	1	1	4	Ac	4.1	33	34	01	8	28	2	0	4	Ac	8.4	-1.4	26.5	35	-2	21	-1	49	0	245	158	178

UPPER WINDS

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

SALÛM 7h. m.	MATRÛH 7h. m.	DIKHEILA 9h. m.	CAIRO 8h.30m.	HELWÂN 8h.30m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 5h. m.	KAREIMA 4h. m.	KHARTÛM 6h. m.	KASSALA 7h. m.	EL OBEID 7h. m.	MALAKÂL 6h. m.	JÛBA 6h. m.	Geneina 5h. m.
02.27.25	02.17.25	02.12.45	02.07.40	02.06.10	05.02.15	02.01.20	03.06.20	06.04.15	06.02.45	06.06.05	07.36.30	06.35.25	06.25.10	10.03.35
05.24.35	05.18.20	05.11.35	05.05.25	05.07.10	10.28.05	05.11.20	06.08.35	10.04.25	10.02.45	10.05.25	10.03.45	10.36.20	10.37.05	15.35.10
10.22.25	10.18.10	10.06.15	10.08.15	08.09.05	15.21.20	10.12.30	10.06.15	15.02.15	15.02.25	15.06.20	15.03.20	15.36.25		20.32.15
15.17.05	15.16.15	12.03.10	12.13.10	10.16.05	20.22.25	15.10.20	15.32.05	20.01.20	20.02.10	20.03.20	20.35.10	20.03.15		30.03.05
20.18.15		14.33.15	15.19.15	15.20.10		20.09.10	20.35.20	21.36.10	30.20.05	30.09.15	30.03.10	30.06.30		33.08.05
25.22.20			20.23.15	20.22.20			30.33.25		40.15.15	40.07.20	35.10.15	40.08.25		
30.23.35			25.22.20	23.21.20			33.32.30		50.22.10	50.12.15		43.11.30		
35.23.60			30.25.20	25.23.20					60.15.25					
40.23.65			35.24.35	30.24.30					70.23.40					
			40.24.40	35.23.35					80.22.40					

Forecast for 24 hours from noon on *11th*

On the coast moderate southeast to south winds. Inland moderate northeast winds, veering to east or southeast.
Much high cloud.
Remaining mild.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١١

على السواحل رياح معتدله جنوبيه شرقيه الى جنوبيه
وفى الداخل رياح معتدله شماليه شرقيه ثم تتحول الى شرقيه أو جنوبيه شرقيه
يكثر السحاب العالى
ويستمر الطقس مائلا للدفء

STATION	Mean of day: Humidity % on 10th	Diff. from normal	Wet Bulb Temp. °C on 10th	Diff. from normal
Alexandria	80	+15	12.4	-0.1
Ezbekîya	37	-21	10.4	-2.2
Gîza	38	-22	11.7	-0.7
Helwân	16	-31	9.0	-1.6

Gîza Grass minimum on *11th* 0.3 °C

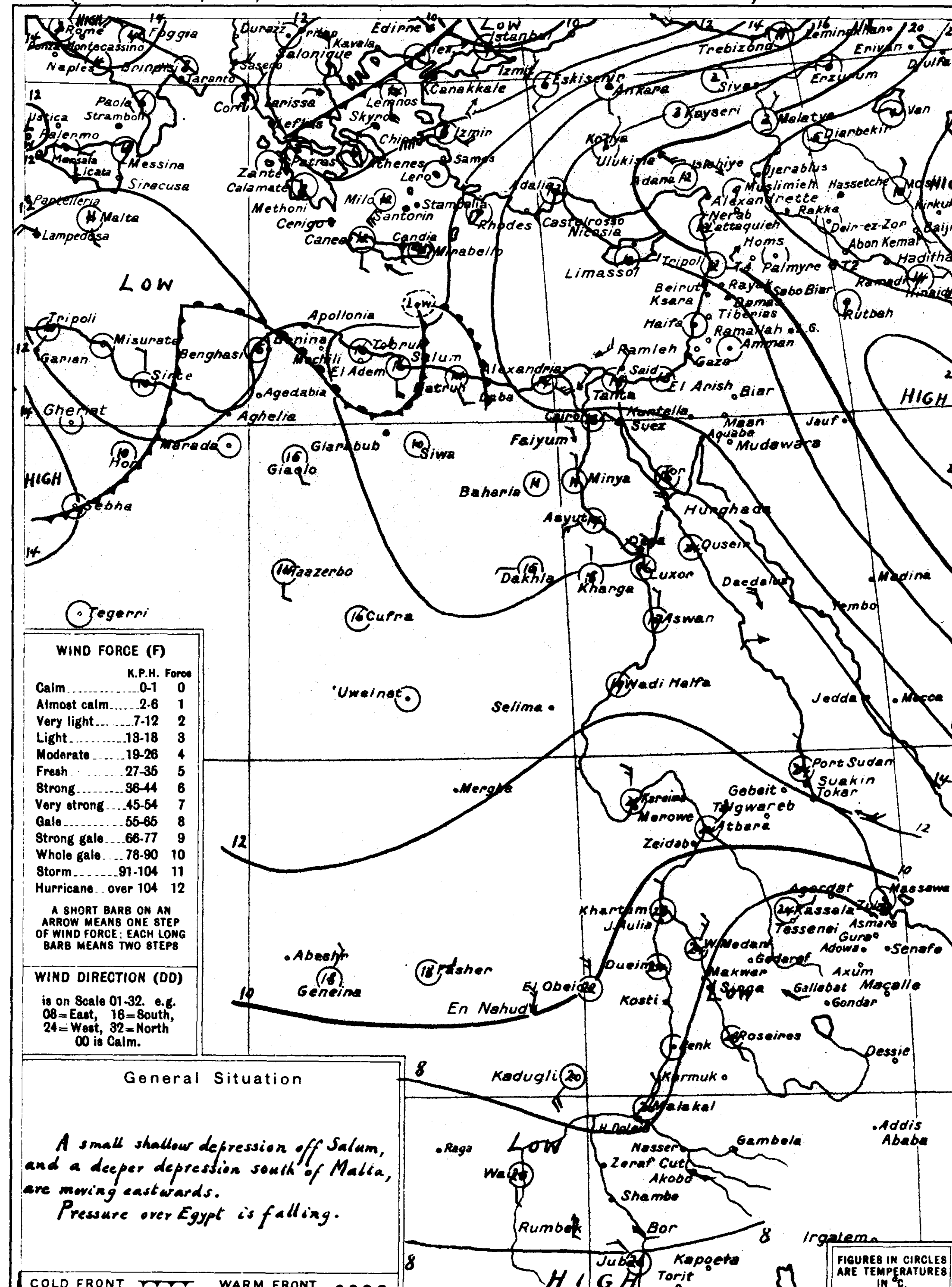
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
11-3	870	867
10-3	869	890

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11-3	13.30	+0.04	13.31	+0.04
Nâșser	10-3	5.56	+0.51	5.53	+0.48
Malakâl	11-3	10.54	+0.30	10.54	+0.29
Roșeires	11-3	12.06	+0.64	12.02	+0.59
Sennâr Res.	10-3	19.28	—	19.35	—
J. Aulia U.S	10-3	375.09	—	374.95	—
J. Aulia D.S	10-3	370.99	-0.08	371.08	0.00
Khartûm	11-3	10.28	+0.08	10.28	+0.06
Kh. el Girba					
'Atbara	11-3	10.20	+0.10	10.22	+0.11
Kajnarti	10-3	132.74	+0.36	132.80	+0.40
Aswân Res.	11-3	120.89	—	120.87	—
Aswân D.S.	11-3	85.70	-0.09	85.72	-0.08
Rôda (Cairo)	11-3	15.84	+0.26	15.84	+0.26

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. *11-3-39*



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A small shallow depression off Salum, and a deeper depression south of Malta, are moving eastwards.
Pressure over Egypt is falling.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

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

At 8 h. on *11th* (الساعة ٨ يوم ١١)

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	08	2	0	3	—	17.9	+3.5	12	—	—	—	—	—	0	561	394
Haifa	01	—	00	0	—	3	—	17.2	+3.3	17.2	21	-1	9	-1	46	0	534	610
Gaza	00	9	10	1	0	0	—	18.2	+3.4	12	—	—	5	-4	85	0	—	350

SHIPS سفن: 73242 - 36406 - 30300 - 12874. 73317 - 31706 - 06302 - 17863.

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h 39 m
" " Sunset 18 h 01 m

Month *MARCH* 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on *11th* الساعة ١٤ يوم ١١ — At 8 h. on *SUNDAY 12th* الساعة ٨ يوم الأحد ١٢

Region	STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	02	8	00	0	1	5	—	11.8	24.0	15	02	7	26	5	1	5	Cu	4.4	-12.6	15.0	24	—	14	—	52	0	77	—	130
	MATRÛH	02	7	06	4	2	5	Ci	11.4	21.4	61	03	7	16	5	2	6	St	2.7	-14.0	17.9	24	+4	13	+3	44	0	116	147	131
	DIKHEILA	01	8	06	1	1	2	Ac	13.5	24.0	30	03	8	14	4	1	6	As	7.0	—	13.4	24	—	11	—	89	0	91	—	150
	ALEXANDRIA	01	9	12	3	2	3	Ac	12.8	24.4	37	03	8	12	4	2	7	As	6.6	-9.5	13.2	25	+4	13	+1	87	0	162	174	132
	DAMIETTA											04	6	10	2	4	5	Ac	7.9	—	17.0	20	—	13	—	90	0	70	96	159
	PORT SAÎD	00	7	04	4	1	0	—	13.6	20.6	70	02	7	12	3	1	4	Cu	8.3	-6.4	16.0	22	+1	14	+1	74	0	63	66	134
	EL 'ARÎSH	01	7	32	3	1	4	Cu	13.5	17.8	70	01	7	00	0	1	4	Cu	9.3	—	17.6	19	—	10	—	63	0	120	76	135
	DAMANHÛR											02	5	12	3	2	5	As	7.4	-8.7	13.2	25	+2	11	+2	88	0	26	90	136
	MANSÛRA											41	4	14	1	4	4	Ac	7.6	—	13.5	24	+1	9	0	93	0	44	43	137
	TANTA	00	7	04	4	0	0	—	12.8	24.0	39	03	6	16	3	2	8	As	7.8	-9.2	12.5	25	+1	8	-1	89	0	38	33	138
	ZAGÂZÎG	01	8	30	2	1	2	Cs	13.6	24.8	34	01	7	12	3	1	3	—	8.2	—	13	25	+2	7	-1	67	0	29	23	139
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	04	3	1	4	Cs	13.1	25.1	22	03	8	16	2	2	6	Ci	7.9	—	22.6	26	—	12	—	16	0	10	—	141
	CAIRO EZBEKÎYA	01	8	04	2	2	3	Ac	12.3	26.0	20	05	5	16	3	1	3	Cs	7.9	-8.1	15.2	28	+4	11	+1	45	0	12	21	—
	CAIRO GÎZA	01	9	02	2	2	4	Cc	11.9	25.7	28	02	6	14	2	1	4	Cs	8.2	-8.7	16.8	26	+3	7	-1	39	0	14	21	—
	HELWÂN	01	8	04	2	1	3	Cc	11.5	26.0	10	01	6	10	3	0	3	Cc	8.2	-8.3	17.8	28	+5	13	+2	13	0	20	22	143
	SUEZ	02	9	20	1	1	5	Sc	12.0	26.6	25	02	8	12	1	1	4	As	9.4	-6.7	16.7	28	+5	10	-2	61	0	19	14	144
UPPER EGYPT	FAIYÛM	01	8	30	1	1	4	Cu	12.0	25.8	25	00	7	16	1	0	0	—	9.4	-7.6	13.8	29	+4	8	-1	35	0	tr.	7	153
	MINYA	01	6	02	2	1	3	Cu	11.8	24.5	24	01	5	14	3	1	3	As	9.4	-7.4	16.0	26	+1	10	+1	35	0	4	—	154
	ASYÛT	02	8	30	3	1	5	As	11.9	26.4	22	02	6	12	4	1	5	As	10.7	-6.0	15.8	30	+4	10	0	42	0	2	4	155
	QENA	03	8	26	2	2	8	Cu	11.9	26.4	42	01	8	06	2	1	3	Cs	11.5	-3.5	16.5	28	-2	11	-1	37	0	dr.	—	156
	LUXOR	03	6	18	2	2	8	Sc	11.6	29.5	26	01	7	04	2	1	4	Cu	11.4	—	17.0	31	—	9	—	49	0	dr.	—	157
	ASWÂN	02	7	00	0	2	5	Cu	8.2	30.0	17	00	7	00	0	0	0	—	10.0	-5.6	18.2	31	+1	15	+2	35	0	1	—	158
WESTERN DESERT	SÎWA	00	8	10	2	1	0	—	10.0	27.0	33	02	8	26	1	2	5	Sc	5.4	-11.4	18.3	28	+3	9	+1	60	0	6	6	148
	BAHARÎYA	00	9	00	0	0	0	—	12.7	27.0	18	02	9	00	0	1	4	—	8.7		17.0	29	—	11	—	26	0	0	—	149
	KHÂRGA	00	8	32	1	0	0	—	11.9	30.5	23	00	8	04	1	0	0	—	11.0	-5.1	16.0	31	+3	10	0	32	0	dr.	tr.	151
	DÂKHLA	01	7	28	1	1	3	Ci	11.9	30.1	43	01	6	12	1	1	3	Ci	12.2	-4.4	14.7	31	+3	10	+1	54	0	dr.	—	152
RED SEA	TÔR	02	6	00	0	1	5	Ac	11.0	22.6	72	01	6	32	1	0	1	Ci	9.9	-5.2	18.5	23	-1	10	-2	43	0	20	12	145
	HURGHÂDA																												—	146
	QUSEIR	02	7	02	3	1	5	As	13.4	23.4	52	00	7	00	0	0	0	—	11.0	-3.4	23.8	25	0	16	0	32	0	tr.	6	147
	PORT SUDAN											03	—	28	1	0	7	—	10.8	-2.3	25.6	28	0	20	0	85	0	71	106	169
NORTH SUDAN	WÂDI HALFA											00	7	00	0	0	0	—	11.2	-4.3	17.9	34	+3	12	0	28	—	—	—	165
	KAREIMA											00	8	32	2	0	0	—	7.9	-5.4	23.7	36	+1	20	+4	20	0	0	1	166
	'ATBARA											00	—	02	2	0	0	—	8.3	-3.9	26.4	35	0	21	+4	42	0	6	1	167
	KHARTÛM											02	8	32	2	0	5	Cs	7.5	-3.2	25.4	38	+1	21	+3	34	0	dr.	5	168
	KASSALA											00	8	02	3	0	0	—	5.3	-4.3	27.0	40	+2	22	+3	56	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	04	4	0	0	—	5.6	-4.6	27.6	39	+1	20	+2	27	0	2	13	171
	DUEIM	01	—	—	2	0	4	—	5	36	25	00	—	—	3	0	0	—	7.4	-3.2	26.2	38	0	22	+5	47	0	14	12	173
	RENK																													182
	ROSEIRES	01	—	22	1	0	4	—	1	39	15	00	—	12	1	0	0	—	4.6	-4.4	28.7	42	+3	22	+3	33	0	27	39	172
	EL OBEID											03	8	00	0	1	6	Ci	7.6	-4.5	23.6	36	+1	19	+4	26	0	8	20	174
	EL FÂSHER	01	—	04	2	0	4	—	—	35	15	00	—	06	2	0	0	—	—	—	19.1	38	+3	13	-1	31	0	0	8	175
	GENEINA											02	8	08	2	1	5	Ac	—	—	17.8	38	—	14	—	35	0	dr.	—	179
	KADUGLI	18	4	28	5	3	0	—	2.0	37	11																			187
S. SUDAN	MALAKÂL											03	8	30	2	2	8	Cs	6.0	-3.4	27.0	39	0	20	-1	31	0	83	96	176
	WÂU	02	—	04	2	1	5	—	2	38	15	00	—	32	1	0	0	—	5.9	-3.2	23.8	39	+1	20	-1	51	0	107	163	177
	JÛBA											01	8	12	1	0	2	Ac	8.0	-1.8	26.5	38	+1	21	-1	56	0	245	159	178

UPPER WINDS الرياح العليا ١٢

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

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA 9 h. m.	CAIRO 8 h 30 m.	HELWÂN 8 h 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTÛM 6 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKÂL 6 h. m.	JÛBA 6 h. m.	Salum 13 h. m.
02.23.25	02-19.—	03.18.65	02.18.45	02.16.20	05.01.20	02.36.15	03.05.25	06.04.25	06.01.40	06.05.15	07.01.35	06.01.15	06.01.15	02.11.10
05.27.—	05.22.75	05.19.75	05.19.60	05.19.50	10.04.20	05.01.15	06.04.10	10.04.10	10.02.55	10.04.10	10.03.35	10.02.25	10.02.40	05.17.20
10.26.65	Ent. St.	10.21.70	10.24.35	08.20.45	15.08.25	10.31.10	10.01.10	15.03.05	15.36.35	15.03.20	15.03.15	15.01.20	15.35.30	10.17.15
15.24.50		15.21.50	15.24.25	10.21.50	20.07.35		15.31.15	20.01.10	20.01.20	20.03.30	20.01.25	20.36.10	20.32.10	15.20.30
20.20.55		20.21.60		15.23.40			20.31.10		30.08.05	30.02.30	30.08.15	30.07.15	30.28.10	18.24.30
				20.22.50			30.24.45		40.11.05		40.12.15	40.09.25	40.30.10	
				23.23.55								43.10.30	50.27.15	
				25.23.50									60.27.05	
				30.24.45									64.30.20	

Forecast for 24 hours from noon on *12th*
On the coast fresh southeast winds, veering tonight to strong west to northwest, at times reaching gale force.
Inland moderate to fresh southeast winds, strengthening and veering to west tomorrow.
Much high cloud today; some low cloud tomorrow.
Rain near the coast later.
Moderate khamsin conditions; but becoming cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٢
على السواحل رياح خماسينية جنوبية شرقية ثم تتحول الليلة الى غربية أو
شمالية غربية شديدة وتصل احيانا الى [illegible] عاصفة
وفي الداخل رياح بين المعتدلة و [illegible] جنوبية شرقية ثم
تشتد وتصير غربية باكر
يكثر السحاب العالي اليوم ثم يظهر بعض السحاب المنخفض باكر
تساقط مطر بالقرب من السواحل
والطقس خماسيني [illegible] ولكنه سيميل الى البرودة باكر

STATION	Mean of day: Humidity % 11th	Humidity Diff. from normal	Wet Bulb Temp. °C 11th	Wet Bulb Diff. from normal
Alexandria	62	-3	13.5	+0.9
Ezbekîya	45	-13	12.3	-0.4
Gîza	46	-14	13.1	+0.6
Helwân	40	-6	11.2	+0.6

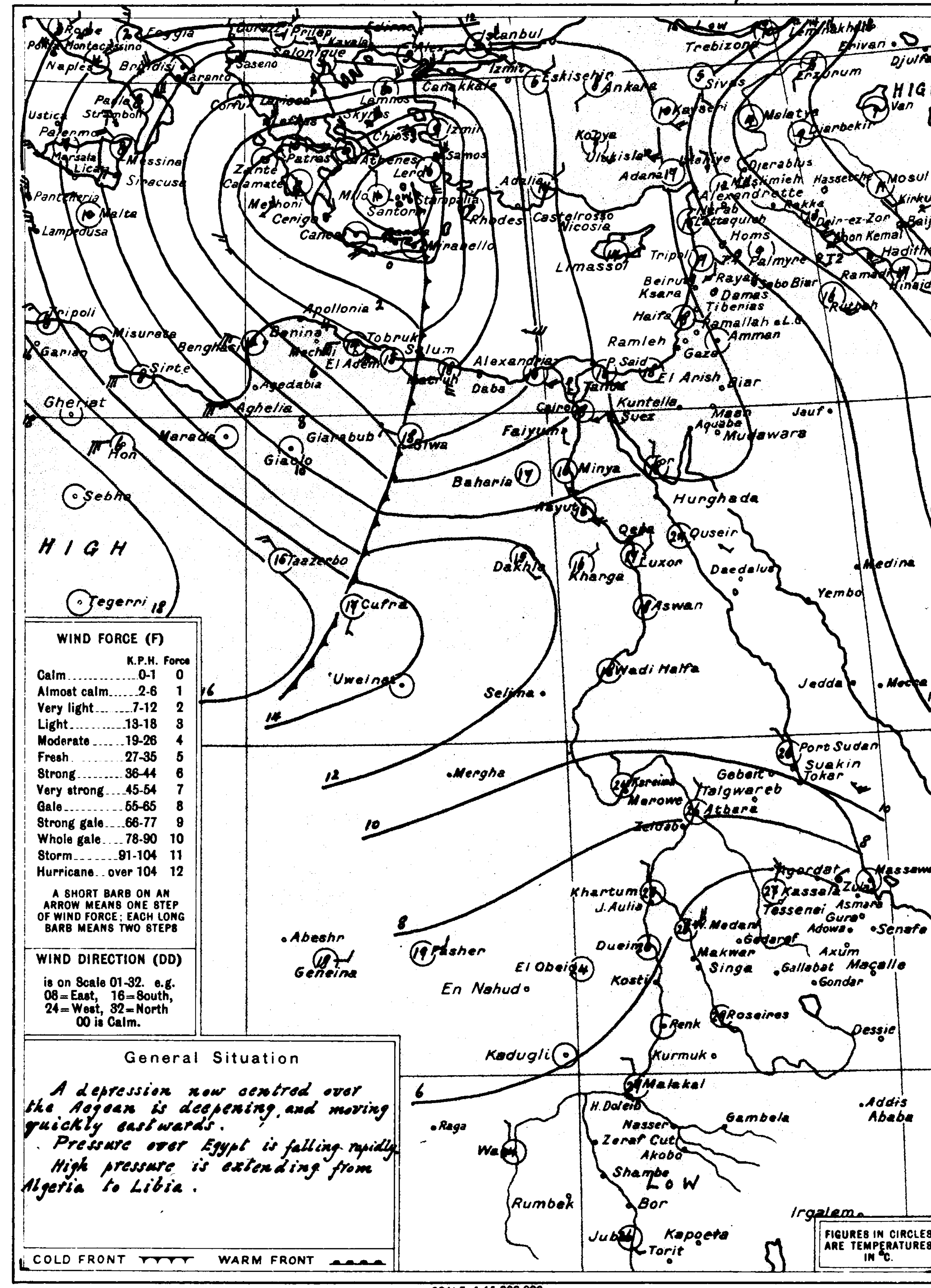
Gîza Grass minimum on *12th* 3.2 °C

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

DATE	1939	1938
12-3	870	868
11-3	870	867

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-3	13.30	+0.04	13.30	+0.04
Nâsser	11-3	5.67	+0.63	5.56	+0.51
Malakâl	12-3	10.53	+0.30	10.54	+0.30
Roseires	12-3	12.09	+0.67	12.06	+0.64
Sennâr Res.	11-3	19.21	—	19.28	—
J. Aulia U.S	11-3	375.16	—	375.09	—
J. Aulia D.S	11-3	370.97	-0.09	370.99	-0.08
Khartûm	11-3	10.28	+0.08	10.28	+0.06
Kh. el Girba					
'Atbara	11-3	10.20	+0.10	10.22	+0.11
Kajnarti	11-3	132.66	+0.30	132.74	+0.36
Aswân Res.	12-3	120.89	—	120.89	—
Aswân D.S.	12-3	85.70	-0.08	85.70	-0.09
Rôda (Cairo)	12-3	15.84	+0.25	15.84	+0.26

١٢-٣-٣٩ Isobars, Wind and Temperature at 8 h. *12-3-39*



FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A depression now centred over the Aegean is deepening, and moving quickly eastwards.
Pressure over Egypt is falling rapidly.
High pressure is extending from Algeria to Libia.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

Kms. 200 100 0 SCALE 1:15.000.000 200 400 600 Kms.

At 8 h. on *12th* الساعة ٨ يوم ١٢

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	03	6	08	1	2	7	—	8.4	-5.9	14	—	—	—	—	—	0	561	395
Haifa	02	—	10	2	—	4	—	9.9	-4.0	18.2	21	-1	14	+4	58	0	534	611

SHIPS سفن

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h. 06 m. 07
" " Sunset h. 18 m. 02

Month *MARCH* 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on *12th* — الساعة ١٤ يوم ١٢

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN										
SALÛM	30	3	24	7	3	5	Cu	5.9	18.9	32
MATRÛH	05	6	24	5	1	4	Sc	4.3	21.4	57
DIKHEILA	14	5	24	6	3	8	As	4.0	22.0	45
ALEXANDRIA	18	2	24	6	3	9	—	3.2	21.4	40
DAMIETTA										
PORT SAÎD	02	7	14	5	1	4	Ac	4.6	31.0	24
EL 'ARÎSH	01	7	00	0	1	4	Ci	5.8	32.8	18
LOWER EGYPT										
DAMANHÛR										
MANṢÛRA										
TANTA	02	6	20	2	2	5	Cu	6.6	26.6	31
ZAGÂZIG	02	8	20	2	1	4	Cc	5.1	27.2	22
MIDDLE EGYPT										
CAIRO ALMÂZA	03	7	18	5	3	8	Cs	6.8	28.6	13
CAIRO EZBEKIYA	03	7	24	3	3	7	As	5.5	28.0	17
CAIRO GIZA	03	6	22	2	2	8	As	5.4	26.6	22
HELWÂN	03	7	18	4	2	8	Sc	5.6	28.0	12
SUEZ	03	7	16	2	1	8	As	6.3	31.7?	48
UPPER EGYPT										
FAIYÛM	03	7	16	1	1	8	As	5.8	29.8	11
MINYA	03	6	16	4	2	7	As	6.6	29.0	23
ASYÛT	02	8	12	3	1	5	As	7.8	28.8	29
QENA	00	8	10	1	1	0	—	9.0	32.0	25
LUXOR	01	7	26	2	1	4	As	8.4	34.5	21
ASWÂN	00	7	00	0	0	0	—	6.8	34.9	20
WESTERN DESERT										
SÎWA	14	4	26	4	1	—	Ac	7.4	21.3	47
BAHARÎYA	02	9	32	2	1	4	—	6.6	30.5	19
KHÂRGA	00	8	16	1	0	0	—	8.7	32.4	26
DÂKHLA	03	6	20	2	2	7	Cs	6.8	34.1	43
RED SEA										
TÔR	00	6	16	3	1	0	—	7.9	28.5	43
HURGHÂDA										
QUṢEIR	01	7	08	1	1	4	Ac	9.8	24.9	41
PORT SUDAN										
NORTH SUDAN										
WÂDI HALFA										
KAREIMA										
'AṬBARA										
KHARTÛM										
KASSALA										
CENTRAL SUDAN										
WAD MEDANI										
DUEIM										
RENK										
ROṢEIRES										
EL OBEID										
EL FÂSHER										
GENEINA										
KADUGLI										
S. SUDAN										
MALAKÂL										
WÂU										
JÛBA										

At 8 h. on *MONDAY 13th* — الساعة ٨ يوم الاثنين ١٣

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN																			
SALÛM	01	8	24	4	0	2	Cu	18.2	+1.2	8.0	21	—	6	—	72	dr.	77	—	130
MATRÛH	00	7	24	3	0	0	—	16.0	-0.6	12.7	23	+3	9	-1	85	0	116	147	131
DIKHEILA	01	8	20	3	0	2	Sc	16.7	—	13.7	31	—	10	—	70	0	91	—	150
ALEXANDRIA	01	9	20	2	0	3	Cu	15.9	-0.1	15.2	29	+8	12	0	62	0	162	174	132
DAMIETTA	00	8	20	2	0	0	—	15.4	—	13.8	29	—	10	—	71	0	70	96	159
PORT SAÎD	00	7	22	4	1	0	—	15.9	+1.3	15.6	31	+10	13	0	68	0	63	66	134
EL 'ARÎSH	00	7	20	2	0	0	—	16.2	—	18.1	32	—	14	—	65	0	120	77	135
LOWER EGYPT																			
DAMANHÛR	00	7	22	2	0	0	—	16.2	+0.2	13.2	30	+6	9	0	66	0	26	90	136
MANṢÛRA	00	8	20	1	0	0	—	16.2	—	12.9	28	+4	9	0	66	0	44	44	137
TANTA	00	8	18	1	0	0	—	16.8	-0.2	11.8	28	+4	7	-2	67	0	38	33	138
ZAGÂZIG	00	7	20	4	0	0	—	17.4	—	15.4	29	+5	8	0	51	0	29	23	139
MIDDLE EGYPT																			
CAIRO ALMÂZA	00	7	24	3	0	0	—	17.1	—	14.6	30	—	12	—	44	dr.	10	—	141
CAIRO EZBEKIYA	00	6	26	3	0	0	—	16.7	+0.8	14.0	29	+5	12	+2	48	dr.	12	21	—
CAIRO GIZA	01	6	26	3	1	2	Cs	17.2	+0.4	15.3	29	+6	9	+1	50	dr.	14	21	—
HELWÂN	05	6	30	2	0	0	—	17.8	+1.4	12.9	29	+6	11	0	36	0	20	22	143
SUEZ	02	6	28	2	1	5	Sc	16.7	+0.6	16.4	35?	+12	15	+3	46	0	19	14	144
UPPER EGYPT																			
FAIYÛM	01	7	22	2	0	3	Cu	17.8	+0.9	13.3	31	+6	10	+1	50	0	tr.	7	153
MINYA	01	6	02	3	1	3	Cs	17.2	+0.4	14.2	30	+5	13	+3	49	0	4	—	154
ASYÛT	05	5	28	4	0	0	—	17.1	+0.5	16.2	30	+4	13	+3	40	0	2	4	155
QENA	00	8	22	3	0	0	—	14.4	-0.6	18.2	34	+3	15	+3	55	0	dr.	—	156
LUXOR	02	7	30	3	2	5	As	13.6	—	20.3	35	—	13	—	52	0	dr.	—	157
ASWÂN	00	6	32	2	0	0	—	12.2	-3.3	20.0	36	+6	17	+3	24	0	1	—	158
WESTERN DESERT																			
SÎWA	00	8	00	0	0	0	—	17.8	+1.1	10.0	22	-3	7	-1	76	0	6	6	148
BAHARÎYA	02	9	00	0	1	4	—	19.4	—	12.0	31	—	10	—	65	0	0	—	149
KHÂRGA	00	8	32	5	0	0	—	16.8	+0.8	18.1	33	+5	15	+5	44	0	dr.	tr.	151
DÂKHLA	03	6	30	2	2	8	Cs	17.5	+1.0	15.8	35	+6	13	+4	67	0	dr.	—	152
RED SEA																			
TÔR	01	5	24	1	0	4	Ci	13.1	-1.9	21.2	29	+5	15	+3	57	0	20	12	145
HURGHÂDA	12	5	30	4	2	6	Ac	13.1	-1.9	21.2	27	+2	15	+3	55	0	1	—	146
QUṢEIR	03	6	28	1	2	6	Sc	12.7	-1.6	22.2	26	+1	18	+1	81	0	tr.	6	147
PORT SUDAN	03	—	32	2	1	7	—	12.8	-0.2	26.4	30	+2	25	+5	82	0	71	106	1 9
NORTH SUDAN																			
WÂDI HALFA	05	6	32	2	0	0	—	13.3	-2.0	19.9	36	+5	16	+4	18	—	—	—	165
KAREIMA	01	8	32	2	0	1	Ac	10.5	-2.8	24.4	39	+4	21	+5	20	0	0	1	166
'AṬBARA	00	—	30	4	0	0	—	8.4	-3.7	27.0	38	+3	22	+5	40	0	6	1	167
KHARTÛM	18	4	04	4	0	0	—	6.5	-4.0	27.0	42	+5	24	+6	37	0	dr.	5	168
KASSALA	00	8	06	2	0	0	—	4.6	-4.9	29.0	41	+3	21	+2	40	0	dr.	11	170
CENTRAL SUDAN																			
WAD MEDANI	00	—	04	4	0	0	—	5.5	-4.6	28.6	42	+4	22	+4	22	0	2	13	171
DUEIM	00	—	—	3	0	0	—	6.7	-3.8	26.4	40	+2	22	+5	38	0	14	12	173
RENK									—										182
ROṢEIRES	00	—	18	1	0	0	—	4.6	-4.4	28.4	43	+4	21	+2	34	0	27	39	172
EL OBEID	03	8	32	3	1	6	Ci	7.3	-4.7	25.2	39	+4	22	+7	34	0	8	20	174
EL FÂSHER	00	—	30	2	0	0	—	—	—	20.3	41	+6	15	+1	36	0	0	8	175
GENEINA	01	8	00	0	1	4	Ac	—	—	18.2	40	—	14	—	80	0	dr.	—	179
KADUGLI																		—	187
S. SUDAN																			
MALAKÂL	00	8	30	2	1	0	—	4.6	-4.8	28.9	40	+1	22	+1	21	0	83	96	176
WÂU	01	—	20	3	0	4	—	5.2	-3.9	28.0	40	+2	20	-1	43	0	107	163	177
JÛBA	00	8	12	3	0	0	—	6.5	-3.3	27.3	40	+3	22	0	43	0	245	160	178

UPPER WINDS — الرياح العليا يوم ١٣

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

SALÛM 7h. m.	MATRÛH 10h. m. (A.R.)	DIKHEILA 9h. m.	CAIRO 8h.30m.	HELWÂN 8h.30m.	ASYÛṬ 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 5h. m.	KAREIMA 7h. m.	KHARṬÛM 6h. m.	KASSALA 7h. m.	EL OBEID 7h. m.	MALAKÂL 7h. m.	JÛBA 7h. m.	Salum 12th 13h. m.
02.28.25	02.30.35	02.24.30	02.30.20	02.30.10	05.34.45	02.16.20	03.35.25	06.34.10	06.02.55	06.10.15	07.01.40	06.01.20	06.25.15	02.26.55
05.32.—	05.32.35	05.29.35	04.30.20	05.30.25	10.34.30	05.35.50	06.02.15	10.35.15	10.02.55	10.06.25	10.04.55	10.36.25	10.24.15	05.26.45
10.34.30	10.31.25	10.27.20	05.29.20	08.28.25	15.27.40	10.02.20	10.36.30	15.36.05	15.01.40	15.02.35	15.03.55	15.01.25	15.23.20	08.26.40
15.33.35	15.30.20	15.28.25	08.26.15	10.27.25	20.26.40	15.36.10	15.34.15	20.36.10	19.03.35	20.05.25	20.04.20	20.01.25	20.21.10	
20.31.35	18.29.25	20.27.30	10.24.20			20.32.10	20.34.15	30.33.25		30.07.20	30.04.20	30.02.25	30.18.05	
25.28.40		22.27.45	12.26.20				29.28.35	31.23.30		40.03.15	40.08.15	40.07.20	40.14.05	
30.28.30										50.01.10	47.07.05	50.09.15	50.18.05	
													60.20.10	

Forecast for 24 hours from noon on *13th*

On the coast moderate to fresh west to northwest winds.
Inland moderate northwest winds, veering later to north or northeast.
Occasional medium cloud.
Slightly cooler; temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٣

على السواحل رياح معتدله الى نشطه غربيه وشماليه غربيه
وفي الداخل رياح معتدله شماليه غربيه ثم تتحول الى شماليه أو شماليه شرقيه
سحب متوسطة الارتفاع أحيانا
تنخفض درجة الحرارة قليلا وتصل الى معدلها

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet Bulb Temp. °C on 12th	Diff. from normal
Alexandria	73	+8	13.0	+0.4
Ezbekîya	33	-25	12.7	-0.1
Gîza	34	-26	13.1	+0.5
Helwân	9	-37	11.2	+0.5

Gîza Grass minimum on 13th: 3.2 °C

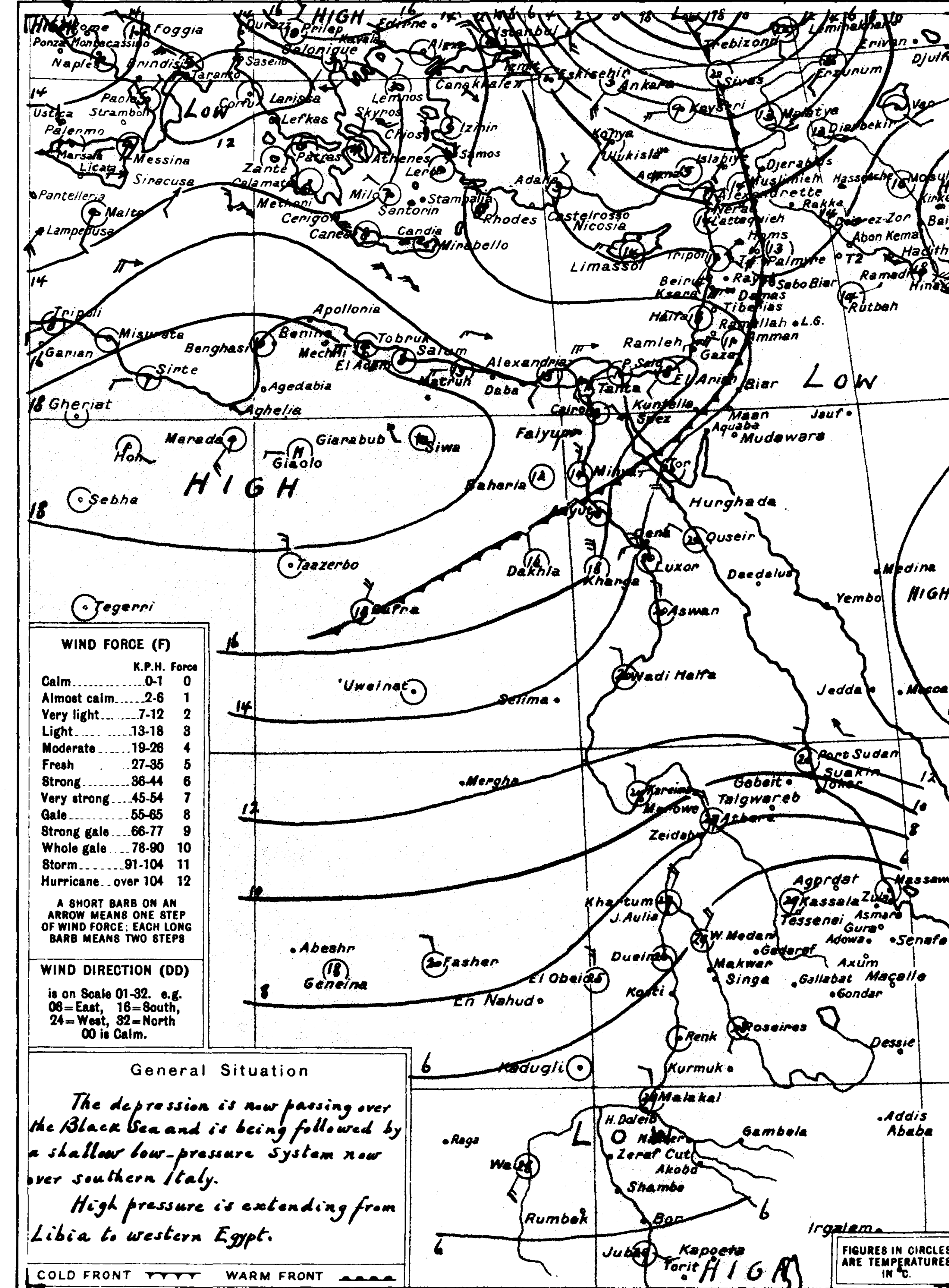
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
13-3	870	868
12-3	870	868

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13-3	13.30	+0.04	13.30	+0.04
Nâsser	12-3	5.73	+0.69	5.67	+0.63
Malakâl	13.3	10.52	+0.30	10.53	+0.30
Roṣeires	13-3	12.10	+0.68	12.09	+0.67
Sennâr Res.	12-3	19.13	—	19.21	—
J. Aulia U.S	12-3	375.18	—	375.16	—
J. Aulia D.S	12-3	370.97	-0.08	370.97	-0.09
Kharṭûm	12-3	10.28	+0.09	10.28	+0.08
Kh. el Girba					
'Aṭbara	12-3	10.20	+0.11	10.20	+0.10
Kajnarti	12-3	132.63	+0.29	132.66	+0.30
Aswân Res.	13-3	120.89	—	120.89	—
Aswân D.S.	13-3	85.70	-0.07	85.70	-0.08
Rôda (Cairo)	13.3	15.84	+0.24	15.84	+0.25

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. *13-3-39* ١٣-٣-٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The depression is now passing over the Black Sea and is being followed by a shallow low-pressure system now over southern Italy.
High pressure is extending from Libia to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

Kms. 200 100 0 SCALE 1:15.000.000 200 400 600 Kms

At 8 h. on *13th* — الساعة ٨ يوم ١٣

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol	01	7	26	3	1	2	—	11.9	-2.4	14	—	—	—	—	—	1	562	396
Haifa	02	—	26	2	—	4	—	15.4	+1.6	17.8	26	+4	16	+6	60	0	534	611
Gaza	01	8	20	1	0	3	Ci	15.9	+1.2	17	—	—	14	+5	75	—	—	352
Hurghada 12th	01	9	26	2	1	4	Ci	10.4	-4.6	22.6	25	0	13	+1	40	0	1	—

SHIPS سفن

23329 - 27806 - 26302 - 15859.
23364 - 19606 - 31320 - 16849 - 38xx7 - 91887 - 3636x.
23344 - 25406 - 24401 - 13958 - 33004 - 51714 - 762x1.

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 06 h. 06 m.
" " Sunset 18 h. 02 m.

Month MARCH 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 13th — الساعة ١٤ يوم ١٣ | At 8 h. on TUESDAY 14th — الساعة ٨ يوم الثلاثاء ١٤

STATION	13th 14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	°C Temp TTT	% Humidity UU	14th 8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN: SALUM	02	8	32	4	1	4	Cu	18.4	14.1	64	00	8	14	4	0	0	—	20.0	+3.0	12.1	18	—	7	—	63	0	77	—	130
MATRUH	01	7	28	3	1	4	Cu	—	16.2	76	00	7	16	2	0	0	—	18.6	+2.0	13.9	17	-3	8	-2	69	0	116	147	131
DIKHEILA	01	8	26	3	1	3	Cu	17.5	16.2	78	01	8	12	1	0	2	St	19.6	—	13.7	18	—	10	—	78	0	91	—	150
ALEXANDRIA	02	9	24	4	2	4	Cu	18.3	17.6	65	00	9	00	0	0	0	—	18.7	+2.7	15.0	19	-2	12	0	68	0	162	174	132
DAMIETTA											01	8	02	2	0	3	Ac	18.6	—	16.9	17	—	10	—	69	0	70	96	159
PORT SAID	01	7	28	4	0	2	Ac	16.0	21.3	56	01	8	04	3	1	3	Cu	18.6	+4.0	17.5	22	+1	13	0	66	0	63	67	134
EL 'ARISH	00	7	28	3	0	0	.	16.0	18.4	59	00	7	12	1	0	0	—	19.0	—	16.0	20	—	10	—	64	0	120	77	135
LOWER EGYPT: DAMANHUR											00	7	06	2	0	0	—	19.1	+3.1	14.6	22	-2	8	-1	74	0	26	90	136
MANSURA											00	8	02	1	0	0	—	19.1	—	15.2	22	-2	10	+1	66	0	44	44	137
TANTA	01	7	20	4	1	4	Ac	16.3	21.5	39	00	7	00	0	0	0	—	19.2	+2.2	14.5	22	-2	6	-3	68	0	38	33	138
ZAGAZIG	00	8	20	4	1	0	—	16.4	22.8	35	01	8	02	2	1	2	Cs	19.1	—	16.4	23	-1	8	0	74	0	29	23	139
MIDDLE EGYPT: CAIRO ALMAZA	01	8	26	2	0	1	Cu	16.6	20.1	30	01	7	06	4	0	2	St	18.4	—	15.8	21	—	10	—	66	0	10	—	141
CAIRO EZBEKIYA	00	9	26	3	0	0	—	16.0	22.0	28	00	6	04	1	0	0	—	18.2	+2.3	13.2	23	-1	10	0	78	0	12	21	—
CAIRO GIZA	00	8	24	3	0	0	—	16.2	22.2	28	05	5	02	2	0	1	Cu	18.7	+1.9	14.3	23	0	8	0	76	0	14	21	—
HELWAN	00	8	26	2	0	0	—	15.8	19.7	20	00	6	04	5	0	0	—	18.0	+1.7	14.9	23	-1	12	+1	65	0	20	22	143
SUEZ	00	8	32	3	1	0	—	15.4	21.3	46	01	7	30	2	1	2	As	18.6	+2.6	14.5	23	-1	10	-2	80	0	19	14	144
UPPER EGYPT: FAIYUM	00	8	28	2	0	0	—	16.4	21.1	27	00	7	02	3	0	0	—	18.4	+1.6	14.0	23	-2	9	0	73	0	tr.	7	153
MINYA	00	7	32	4	1	0	—	15.8	21.0	30	00	5	02	2	0	0	—	17.0	+0.3	11.3	22	-3	7	-3	78	0	4	—	154
ASYUT	05	6	22	3	0	0	—	15.6	22.1	29	05	5	22	3	0	0	—	17.4	+0.9	11.2	23	-3	6	-4	61	0	2	4	155
QENA	00	8	22	4	0	0	—	12.2	28.2	28	00	8	30	2	0	0	—	15.8	+0.9	15.2	29	-2	12	0	61	0	dr.	—	156
LUXOR	02	7	30	2	1	4	As	11.9	31.2	30	00	7	10	2	0	0	—	14.6	—	15.5	32	—	10	—	63	0	dr.	—	157
ASWAN	00	7	32	2	0	0	—	9.0	32.0	14	00	6	32	2	0	0	—	13.4	-1.9	18.6	33	+2	16	+2	30	0	1	—	158
WESTERN DESERT: SIWA	01	8	00	0	1	3	Cu	16.8	19.2	63	00	8	00	0	0	0	—	—	—	12.7	21	-4	4	-4	65	0	6	6	148
BAHARIYA	00	9	00	0	0	0	—	17.0	20.0	32	00	9	00	0	0	0	—	19.5	—	12.0	21	—	4	—	65	0	0	—	149
KHARGA	05	6	04	4	0	0	—	14.7	30.0	29	00	8	32	2	0	0	—	15.9	0.0	15.6	30	+1	11	0	44	0	dr.	tr.	151
DAKHLA	03	6	28	2	2	8	As	16.3	21.6	60	03	7	24	1	2	8	Cs	17.8	+1.4	12.1	22	-7	9	-1	68	0	dr.	—	152
RED SEA: TOR	30	3	28	5	3	0	—	12.3	23.0	66	00	5	28	4	0	0	—	15.1	+0.1	18.0	24	0	11	-1	80	0	20	12	145
HURGHADA											00	9	30	4	0	0	—	15.0	+0.1	18.8	25	0	13	+1	56	0	1	—	146
QUSEIR	12	6	02	2	0	1	Ci	12.7	23.0	66	05	5	30	3	1	5	As	14.7	+0.4	21.7	24	-1	16	-1	40	0	tr.	6	147
PORT SUDAN											00	—	32	1	0	0	—	14.0	+1.0	26.5	29	+1	26	+6	72	0	71	106	169
NORTH SUDAN: WADI HALFA											00	7	30	2	0	0	—	14.5	-0.7	17.7	35	+4	15	+3	28	—	—	—	165
KAREIMA											00	8	32	3	0	0	—	10.9	-2.3	26.8	40	+5	21	+5	19	0	0	1	166
ATBARA											00	—	02	2	0	0	—	9.3	-2.7	27.7	41	+6	22	+5	30	0	6	1	167
KHARTUM											18	7	04	4	0	3	Ac	6.3	-4.2	29.2	42	+4	25	+6	24	0	dr.	5	168
KASSALA											00	7	32	2	0	0	—	5.1	-4.4	27.2	41	+3	22	+3	56	0	dr.	11	170
CENTRAL SUDAN: WAD MEDANI											00	—	02	5	0	0	—	5.5	-4.5	30.1	43	+5	20	+2	32	0	2	13	171
DUEIM											00	—	—	3	0	0	—	7.2	-3.2	27.4	39	+1	22	+5	25	0	14	12	173
RENK											00	7	28	2	0	0	—	5.7	—	28	43	—	—	—	33	0	—	—	182
ROSEIRES											00	—	14	1	0	0	—	2.7	-6.2	29.6	44	+5	22	+3	45	0	27	39	172
EL OBEID											03	8	30	3	1	6	Ac	9.2	-2.7	26.4	39	+4	22	+7	24	0	8	20	174
EL FASHER											00	—	02	2	0	0	—	—	—	23.0	41	+6	18	+3	34	0	0	8	175
GENEINA											01	8	08	2	1	4	Ac	—	—	23.2	40	—	22	—	—	0	dr.	—	179
KADUGLI											01	7	20	4	1	1	—	5.5	—	30	—	—	—	—	25	1	—	—	187
S. SUDAN: MALAKAL											01	8	26	2	0	2	Ac	5.6	-3.8	28.2	42	+3	22	0	28	0	83	97	176
WAU											00	—	20	3	0	0	—	5.6	-3.4	28.2	40	+2	26	+5	52	0	107	164	177
JUBA											00	8	10	4	0	0	—	7.1	-2.7	29.4	41	+4	23	+1	52	0	245	161	178

UPPER WINDS — الرياح العليا

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

SALUM 7h. m.	MATRUH 7h. m.	DIKHEILA h. m.	CAIRO 8h. 30m.	HELWAN 8h. 30m.	ASYUT 7h. m.	ASWAN 7h. m.	WADI HALFA 7h. m.	KAREIMA 7h. m.	KHARTUM 6h. m.	KASSALA 6h. m.	EL OBEID 6h. m.	MALAKAL 7h. m.	JUBA 6h. m.	Salum 13th 13h. m.
02.00.00	02.11.20		02.07.25	02.06.35	05.36.35	02.36.25	03.03.15	06.03.15	06.01.55	06.07.20	07.01.40	06.31.25	06.20.15	02.02.20
05.19.20	05.10.10		05.08.30	05.05.35	10.36.10	05.03.25	06.06.40	10.02.20	10.03.65	10.08.35	10.04.75	10.35.30	10.21.25	04.02.05
10.28.05	10.29.10		08.04.30	08.01.20	15.26.35	10.05.20	10.05.25	15.01.25	15.03.40	15.03.25	15.04.50	15.01.35	15.22.20	05.30.10
15.27.10	15.29.15		10.03.30	10.02.20	20.24.40	15.28.05		20.34.25	20.36.35	20.03.20	20.05.25	20.03.45	20.25.15	10.28.25
20.22.35			12.01.45	15.28.15		20.31.15		30.31.25	30.29.20	30.02.30	30.04.15	30.02.35	30.26.25	15.26.15
25.26.40			15.36.10	20.26.20				31.32.20	40.30.20	40.33.20	40.18.15	40.03.15	40.27.20	20.26.35
30.25.55			16.30.15	23.26.20					50.29.10			43.05.15	50.31.10	25.26.55
35.24.75			18.27.15	25.26.20					52.26.10					30.26.55
			20.27.20	30.25.35										
			25.25.25	32.25.35										

Forecast for 24 hours from noon on 14th

On the coast variable winds becoming moderate southerly. Inland moderate northeast winds.
Clear or occasional medium cloud.
Slightly warmer tomorrow.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٤

على السواحل رياح مختلفة الإتجاه ثم تصير جنوبية معتدلة
وفى الداخل رياح معتدلة شمالية شرقية
السماء صحو أو يظهر بها بعض سحاب متوسط الارتفاع أحيانا
ترتفع درجة الحرارة قليلا باكر

STATION	Mean of day Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	62	-3	12.6	-0.1
Ezbekiya	44	-14	10.8	-2.1
Giza	44	-15	11.2	-1.5
Helwan	26	-20	8.7	-2.1

Giza Grass minimum on 14th 4.1 °C

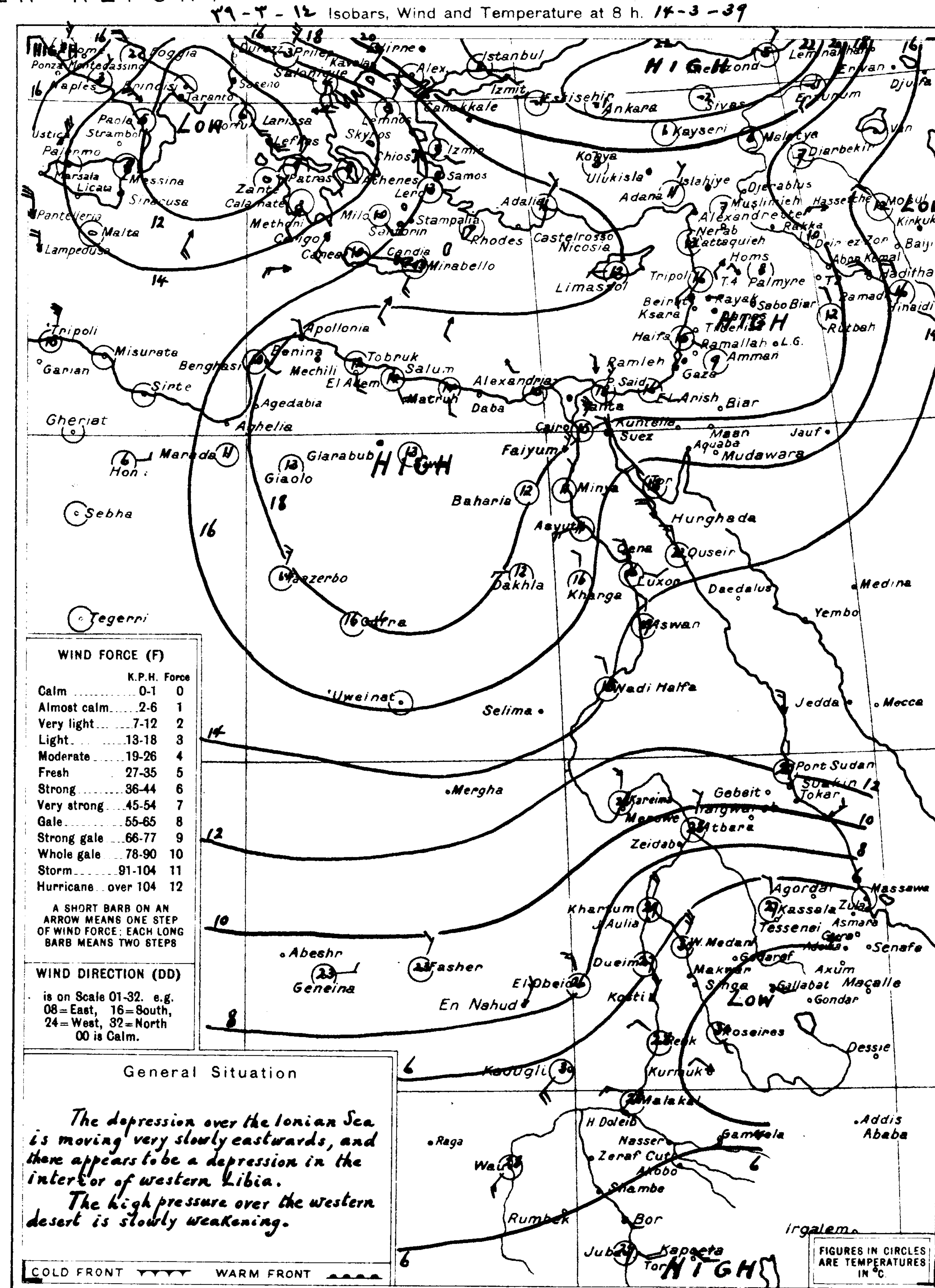
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
14-3	870	868
13-3	870	868

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	13-3	13.30	+0.04	13.30	+0.04
Nasser	13-3	5.73	+0.69	5.73	+0.69
Malakal	14-3	10.52	+0.31	10.52	+0.30
Roseires	14-3	12.12	+0.70	12.10	+0.68
Sennar Res	13-3	19.07	—	19.13	—
J. Aulia U.S	13-3	375.11	—	375.18	—
J. Aulia D.S	13-3	370.99	-0.06	370.97	-0.08
Khartum	13-3	10.27	+0.09	10.28	+0.09
Kh. el Girba					
'Atbara	13-3	10.18	+0.10	10.20	+0.11
Kajnarti	13-3	132.60	+0.29	132.63	+0.29
Aswan Res.	14-3	120.81	—	120.89	—
Aswan D.S.	14-3	85.70	-0.07	85.70	-0.07
Roda (Cairo)	14-3	15.84	+0.24	15.84	+0.24

Printed by the Survey & Mines Dept. 1938 (38/554)

١٢ - ٣ - ٣٩ Isobars, Wind and Temperature at 8 h. 14-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

The depression over the Ionian Sea is moving very slowly eastwards, and there appears to be a depression in the interior of western Libia.

The high pressure over the western desert is slowly weakening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 14th — الساعة ٨ يوم ١٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	24	1	0	0	—	17.9	+3.7	12	—	—	—	—	—	0	562	398
Haifa	01	—	10	1	—	3	—	19.0	+5.2	15.4	20	-2	15	+5	68	0	534	612
Gaza	01	8	02	1	0	3	Cu	19.5	+4.8	11	—	—	7	-2	83	—	—	352

SHIPS سفن
33364 – 18406 – 18403 – 11855 – 33xx7 – 44577 – 76508.
33337 – 26906 – 17201 – 21959 – 31083 – 6000 – 36300.
33346 – 24506 – 18202 – 14857 – 31615 – 61524 – 76005.

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 6 h 05 m
" " Sunset 18 h 03 m

Month *March* 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 14th — الساعة ١٤ يوم ١٤ | At 8 h. on WEDNESDAY 15th — الساعة ٨ يوم الاربعاء ١٥

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	00	9	12	3	0	0	—	17.0	20.0	26	00	6	10	3	0	0	—	10.0	-7.0	12.2	21	—	10	—	51	0	77	—	130
MATRUH	01	7	08	4	1	4	Cu	16.0	20.2	48	00	7	14	4	0	0	—	10.0	-6.5	14.4	21	+1	9	-1	70	0	116	148	131
DIKHEILA	00	8	02	2	0	0	—	17.9	17.0	54	00	8	10	3	0	0	—	11.9	—	14.3	17	—	11	—	82	0	91	—	150
ALEXANDRIA	00	9	04	2	0	0	—	17.5	18.3	51	00	9	12	4	0	0	—	11.0	-4.9	13.9	21	0	11	-1	78	0	162	175	132
DAMIETTA											00	8	04	3	1	0	—	11.5	—	17.0	19	—	13	—	70	0	70	97	159
PORT SAID	00	8	28	3	1	0	—	16.8	20.0	53	01	7	06	5	1	3	Ac	11.2	-3.3	17.3	21	0	14	+1	72	0	63	67	134
EL 'ARISH	00	7	04	3	0	0	—	16.4	18.1	53	01	7	08	1	1	3	Cu	12.0	—	15.1	20	—	10	—	69	0	120	77	135
EGYPT																													
DAMANHUR											00	6	08	3	0	0	—	11.9	-4.1	13.8	22	-2	9	0	80	0	26	91	136
MANSURA											00	8	02	1	0	0	—	11.5	—	15.0	22	-2	11	+2	78	dr	44	44	137
TANTA	00	7	28	2	0	0	—	16.3	22.0	43	00	7	00	0	0	0	—	11.0	-6.0	14.0	23	-2	7	-2	78	0	38	33	138
ZAGAZIG	01	8	04	3	1	2	Cs	16.2	22.4	44	01	7	06	4	1	2	Cs	11.5	—	16.8	22	-2	9	+1	70	0	29	23	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	04	4	1	0	—	16.6	21.0	47	00	7	06	3	1	0	—	11.4	—	15.0	22	—	11	—	72	0	10	—	141
CAIRO EZBEKIYA	00	9	04	3	0	0	—	15.8	22.4	40	05	6	04	4	0	0	—	10.8	-5.0	14.4	24	0	11	0	76	0	12	21	—
CAIRO GIZA	00	8	02	1	0	0	—	15.8	21.8	39	05	5	30	1	0	0	—	10.8	-5.9	15.3	23	-1	10	+2	73	0	14	21	—
HELWAN	00	9	32	4	0	0	—	15.4	21.5	29	05	6	02	1	0	0	—	10.4	-5.9	17.0	22	-2	12	+1	44	0	20	22	143
SUEZ	00	9	32	2	1	0	—	14.8	22.0	46	02	8	30	1	1	4	Sc	11.1	-4.8	15.8	24	0	13	+1	72	0	19	14	144
UPPER EGYPT																													
FAIYUM	00	8	32	3	0	0	—	15.1	23.0	32	00	8	32	1	0	0	—	11.0	-5.7	15.0	24	-2	11	+2	68	0	tr	7	153
MINYA	00	6	02	4	0	0	—	14.0	22.3	35	01	6	32	1	1	4	Ac	10.7	-5.9	15.0	23	-2	11	+1	68	0	4	—	154
ASYUT	00	8	30	3	0	0	—	14.0	25.6	20	01	6	22	3	0	4	As	11.4	-5.1	14.8	27	0	10	0	62	0	2	4	155
QENA	00	8	26	1	0	0	—	13.0	30.0	30	01	8	02	1	1	4	Cu	11.1	-3.7	18.0	32	+1	12	0	57	0	dr	—	156
LUXOR	00	7	26	2	0	0	—	12.6	30.5	29	02	7	06	2	1	5	Cu	10.6	—	17.8	32	—	12	—	58	0	dr	—	157
ASWAN	00	7	28	1	0	0	—	9.3	33.0	20	00	7	00	0	0	0	—	9.4	-5.8	19.1	34	+3	17	+3	48	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	10	2	1	0	—	14.8	22.0	66	00	8	00	0	0	0	—	9.9	-6.7	13.0	23	-2	5	-3	35	0	6	6	148
BAHARIYA	00	9	00	0	0	0	—	15.9	22.0	43	02	9	00	0	1	4	—	12.3	—	13.0	24	—	8	—	61	0	0	—	149
KHARGA	00	8	04	4	0	0	—	13.6	26.4	34	00	8	32	1	0	0	—	9.8	-6.0	16.7	27	-2	12	+1	36	0	dr	tr	151
DAKHLA	05	7	04	1	0	0	—	13.1	25.5	57	02	7	00	0	1	5	Ac	11.0	-5.3	15.3	28	-1	11	+1	63	0	dr	—	152
RED SEA																													
TOR	00	6	28	5	0	0	—	13.6	21.2	76	01	6	32	2	0	3	Sc	10.3	-4.6	19.2	22	-2	14	+2	65	0	20	12	145
HURGHADA											00	9	30	1	0	0	—	9.9	-5.0	20.1	24	-1	11	-1	44	0	1	—	146
QUSEIR	12	6	32	4	0	0	—	14.0	22.1	56	02	6	00	0	1	5	As	11.8	-2.4	23.0	24	-1	16	-1	37	0	tr	6	147
PORT SUDAN											05	—	28	1	2	—	—	12.8	-0.1	25.3	29	+1	24	+4	73	0	71	106	169
NORTH SUDAN																													
WADI HALFA	00	7	32	2	0	0	—	8.6	34	20	01	7	20	1	0	3	Ac	10.1	-5.0	20.0	37	+6	16	+4	32	—	—	—	165
KAREIMA	00	8	04	3	0	0	—	6.8	38	16	00	8	32	1	0	0	—	9.2	-3.9	25.0	39	+4	22	+5	16	0	0	1	166
'ATBARA											00	—	02	2	0	0	—	8.6	-3.4	26.5	41	+6	21	+4	34	0	6	1	167
KHARTUM	01	8	32	2	2	1	Ac	1.3	43	11	05	7	04	2	0	0	—	6.3	-4.1	26.6	44	+6	24	+5	31	0	dr	5	168
KASSALA	00	8	32	3	0	0	—	0.4	41	14	00	8	06	2	0	0	—	4.8	-4.6	28.0	41	+3	21	+2	51	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	5	0	0	—	5.4	-4.5	29.3	43	+5	22	+4	38	0	2	13	171
DUEIM											00	—	—	4	0	0	—	6.6	-3.8	28.8	43	+5	24	+7	40	0	14	12	173
RENK	01	7	30	1	1	3	Cu	999	43	16																			182
ROSEIRES											00	—	02	1	0	0	—	2.3	-6.5	30.4	44	+5	22	+3	32	0	27	39	172
EL OBEID	00	8	32	4	0	0	—	0.3	41	14	01	8	32	1	0	3	Ac	6.7	-5.1	27.3	40	+5	23	+8	26	0	8	20	174
EL FASHER											00	—	06	2	0	0	—	—	—	21.9	42	+7	17	+2	33	0	0	8	175
GENEINA	01	8	04	2	1	4	Ac,As	—	38	20	02	8	08	1	1	5	Cs,Ac	—	—	20.2	40	—	18	—	—	0	dr	—	179
KADUGLI	01	7	04	5	1	2	—	1.1	38	17																			187
S. SUDAN																													
MALAKAL	01	8	02	5	0	2	Cu	0.4	39	—	01	8	28	1	0	2	Ac	6.0	-3.3	26.3	42	+3	23	+1	20	0	83	97	176
WAU											03	—	16	2	6	7	—	6.0	-3.0	25.0	40	+2	24	+3	68	5	112	165	177
JUBA	01	8	30	2	0	4	Cu	1.1	39	24	01	8	12	3	0	2	Ac	6.1	-3.7	28.5	40	+3	25	+3	52	0	245	162	178

UPPER WINDS — الرياح العليا ١٥

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 14th
07 h. — m.	h. m.	8 h. — m.	h. m.	h. m.	h. m.	h. m.	5 h. — m.	7 h. — m.	6 h. — m.	7 h. — m.	6 h. — m.	7 h. — m.	6 h. — m.	13 h. 00 m.
02 12 16		02 26 40					03 05 15	06 29 05	06 05 40	06 09 15	07 03 35	06 24 20	06 02 20	02 16 20
05 21 —		05 28 20					06 04 30	10 28 10	10 05 45	10 07 10	10 05 55	10 25 35	10 02 15	05 20 25
10 25 45		07 19 20					10 10 15	15 29 20	15 04 40	15 07 10	15 04 55	15 31 20	15 01 20	10 19 15
15 26 25		10 18 10					15 12 15	20 21 05	20 01 25	20 05 20	20 05 40	20 02 25	20 02 10	15 23 20
20 24 40		15 20 25					20 28 15	30 32 05	30 36 50	30 02 15		30 03 40	30 10 15	
		20 23 40					30 31 15		40 33 15	40 29 10		40 06 25	40 13 15	
		25 25 50					33 30 05		50 26 15	50 02 25		50 10 20		
		27 25 50							52 24 35	60 21 20				

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

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

Station	Mean of day: Humidity % on 14th	Diff. from normal	Wet Bulb Temp. °C on 14th	Diff. from normal
Alexandria	60	-5	12.0	-0.7
Ezbekiya	63	+5	12.8	-0.2
Giza	56	-1	12.9	+0.1
Helwan	44	-2	11.7	+0.8

Giza Grass minimum on 15th 8.4 °C

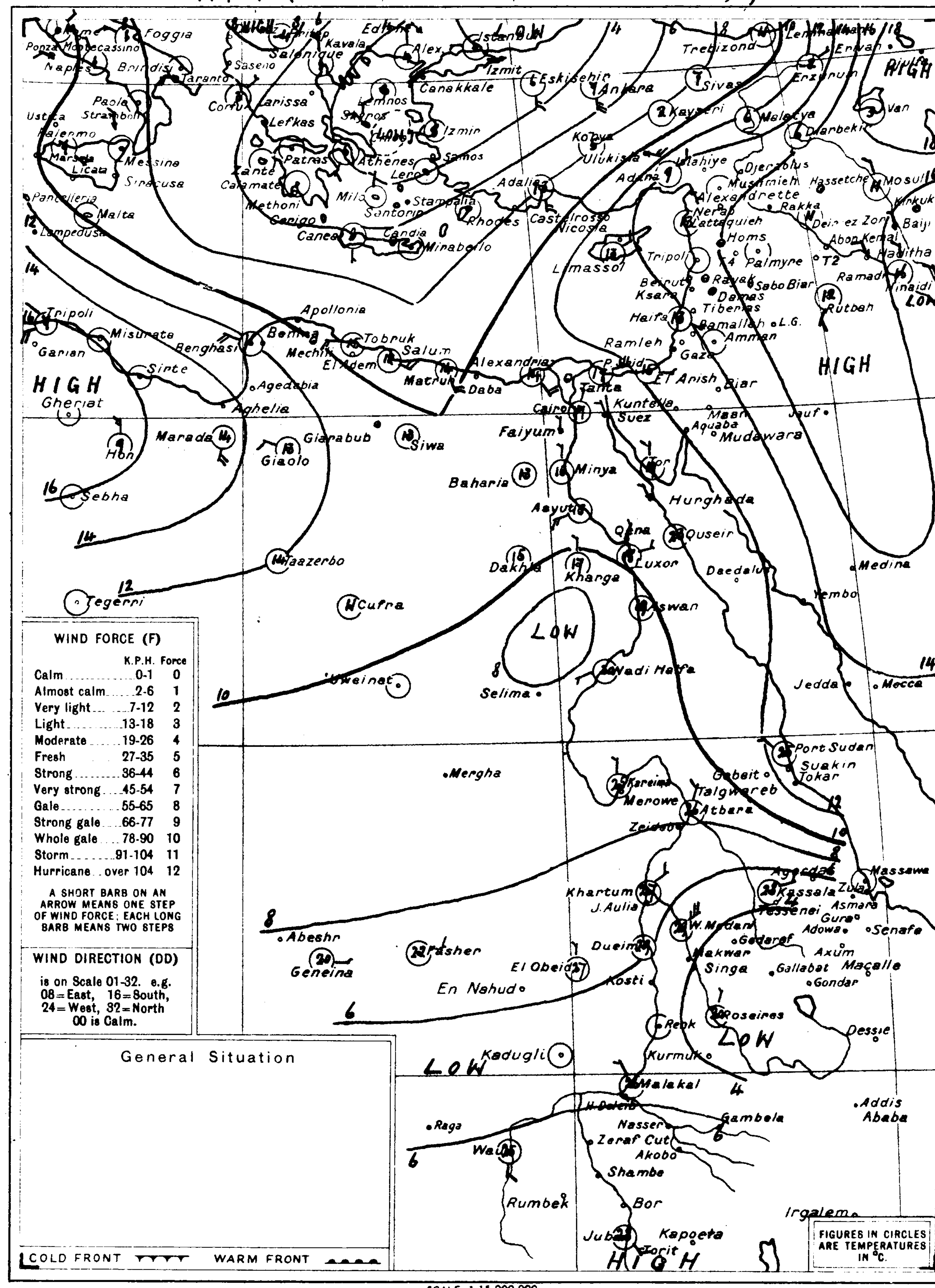
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
15-3	870	867
14-3	870	868

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	15-3	13.29	+0.03	13.29	+0.03
Nasser	15-3	5.68	+0.65	5.72	+0.69
Malakal	15-3	10.52	+0.32	10.52	+0.31
Roseires	15-3	12.09	+0.66	12.12	+0.70
Sennar Res.	15-3	18.42	—	19.60	—
J. Aulia U.S	15-3	375.18	—	375.11	—
J. Aulia D.S	15-3	370.99	-0.05	370.99	-0.05
Khartum	15-3	10.28	+0.12	10.29	+0.10
Kh. el Girba					
'Atbara	15-3	10.16	+0.09	10.17	+0.10
Kajnarti	15-3	132.51	+0.22	132.54	+0.23
Aswan Res.	15-3	120.84	—	120.81	—
Aswan D.S.	15-3	85.66	-0.08	85.70	-0.07
Roda (Cairo)	15-3	15.82	+0.22	15.84	+0.2[illegible]

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. *15-3-1939*. ١٥-٣-١٩٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

At 8 h. on 15th — الساعة ٨ يوم ١٥

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	04	2	0	1	—	12.7	-1.5	13	—	—	—	—	—	0	562	399
Haifa	01	—	10	1	—	4	—	13.1	-0.7	13.4	19	-3	8	-2	71	0	534	613
SHIPS سفن																		

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.

CAIRO
Time of Sunrise 6h 04m
,, ,, Sunset 18h 04m

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

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس

Region	STATION	At 14h. on 15th (الساعة ١٤ يوم ١٥) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	At 8h. on THURSDAY 16th (الخميس ١٦ الساعة ٨ يوم) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	02	7	24	7	1	5	Sc	5.6	21.1	19	01	6	26	6	5	2	Cu	11.5	-5.5	6.6	22	—	5	—	85	1	78	—	130
	MATRÛH	01	7	22	3	0	3	St	4.8	25.1	39	00	7	24	4	0	0	—	10.0	-6.5	10.6	26	+6	9	-1	75	0	116	148	131
	DIKHEILA	00	8	12	1	0	0	—	8.2	24.4	34	01	8	22	6	1	2	Cu	11.1	—	13.7	25	—	12	—	62	0	91	—	150
	ALEXANDRIA	00	9	10	2	0	0	—	6.6	24.5	33	02	9	24	7	6	4	Cu	10.3	-5.6	13.2	26	+5	12	-1	64	1	163	175	132
	DAMIETTA											01	8	20	3	2	2	Cu	10.0	—	14.9	22	—	12	—	71	0	70	97	159
	PORT SAÏD	00	7	04	4	1	0	—	7.2	19.1	73	00	7	20	5	0	0	—	10.3	-4.2	15.6	21	0	14	+1	68	0	63	67	134
	EL ARÎSH	01	7	04	3	1	3	Cu	6.4	18.6	64	18	6	20	3	1	5	Cu	9.6	—	17.0	20	—	10	—	78	0	120	78	135
	DAMANHÛR											00	7	20	3	0	0	—	10.8	-5.2	13.4	25	+1	11	+2	60	0	26	91	136
	MANSÛRA											00	8	28	2	0	0	—	10.2	—	14.2	26	+2	11	+2	68	0	44	44	137
	TANTA	00	8	00	0	0	0	—	8.3	26.5	40	00	8	24	3	0	0	—	11.9	-5.1	13.3	28	+3	10	+1	61	0	38	33	138
	ZAGÂZÎG	00	8	20	4	1	0	—	6.4	26.4	38	01	8	20	4	1	2	Cs	11.9	—	14.9	27	+3	11	+3	57	0	29	23	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	00	8	24	2	0	0	—	6.7	25.9	41	01	8	24	4	2	2	Sc	12.7	—	13.7	28	—	12	—	58	0	10	—	141
	EZBEKIYA	01	7	28	1	1	4	Ci	6.6	26.3	34	00	6	24	4	0	0	—	12.7	-3.0	13.3	29	+5	12	+1	54	0	12	21	—
	GÎZA	01	8	28	1	0	3	Cs	6.2	28.5	26	00	7	26	3	0	0	—	12.7	-3.9	14.5	30	+6	12	+4	50	0	14	21	—
	HELWÂN	01	7	20	2	0	3	Ac	5.9	27.4	17	01	8	24	4	0	1	Cu	13.3	-2.9	12.6	28	+4	12	+1	47	0	20	22	143
	SUEZ	02	9	16	2	1	5	As	5.8	22.7	62	01	7	26	4	1	3	Cu	12.3	-3.5	16.6	24	0	14	+2	52	0	19	14	144
UPPER EGYPT	FAIYÛM	02	7	22	2	0	4	Cu	6.4	27.5	31	00	8	26	2	0	0	—	13.9	-2.7	14.0	29	+3	11	+2	53	0	tr	7	153
	MINYA	03	8	26	3	2	6	Cs	7.2	29.0	26	00	5	30	3	0	0	—	13.9	-2.7	14.5	29	+3	11	+1	57	0	4	—	154
	ASYÛT	02	8	28	3	1	5	As	6.8	28.0	27	00	6	28	4	0	0	—	13.8	-2.6	16.0	31	+4	14	+4	59	0	2	4	155
	QENA	00	8	10	4	0	0	—	7.1	32.7	26	00	8	30	3	0	0	—	11.2	-3.6	21.8	35	+4	17	+5	38	0	dr	—	156
	LUXOR	02	7	22	4	1	4	Sc	6.0	34.5	29	00	7	30	4	0	0	—	10.3	—	21.9	37	—	17	—	37	0	dr	—	157
	ASWÂN	00	7	00	0	0	0	—	4.6	38.3	38	00	7	30	2	0	0	—	8.6	-6.6	24.8	39	+8	19	+5	21	0	1	—	158
WESTERN DESERT	SÎWA	00	8	26	3	1	0	—	5.4	28.0	51	12	5	26	5	3	0	—	14.0	-2.5	13.4	29	+4	8	0	72	0	6	6	148
	BAHARÎYA	02	9	24	1	1	4	—	6.7	30.0	25	00	9	32	1	0	0	—	15.2	—	12.0	30	—	9	—	65	0	0	—	149
	KHARGA	00	8	16	2	0	0	—	6.6	31.4	24	00	8	04	5	0	0	—	13.6	-2.2	16.6	36?	+7	16	+5	46	0	dr	tr	151
	DAKHLA	02	7	28	1	1	4	Ci	7.4	31.7	53	03	6	28	3	2	8	Cs	14.7	-1.6	14.8	33	+4	13	+3	73	0	dr	—	152
RED SEA	TOR	01	5	24	2	2	2	Cu	6.0	24.0	67	30	3	32	5	0	0	—	8.6	-6.2	22.2	26	+2	19	+6	59	0	20	12	145
	HURGHADA											34	0	28	8	3	0	—	7.9	-6.9	21.8	28	+3	14	+2	37	0	1	—	146
	QUSEIR	02	7	08	2	1	5	As	10.4	24.0	74	09	6	32	2	2	6	Sc	7.4	-6.7	22.3	25	0	17	0	88	0	tr	6	147
	PORT SUDAN	01	—	08	2	1	4	—	8	29	55	00	—	12	1	0	0	—	8.8	-4.0	26.5	30	+1	24	+4	74	0	71	106	[illegible]
NORTH SUDAN	WÂDI HALFA	01	6	30	1	0	3	—	3.6	39	8	00	7	32	3	0	0	—	10.1	-4.9	23.1	40	+8	19	+6	25	—	—	—	165
	KAREIMA	01	8	32	—	—	—	—	5.3	39	11	00	8	02	1	0	0	—	6.9	-6.1	25.0	40	+5	22	+5	28	0	0	1	166
	ATBARA	—	—	02	2	0	—	—	4	40	15	00	—	10	2	0	0	—	6.8	-5.1	28.4	40	+4	23	+6	35	0	6	1	167
	KHARTÛM	05	7	02	3	0	1	—	0.9	42	12	05	7	04	1	1	4	Ci	5.0	-5.3	26.6	43	+5	23	+4	31	0	dr	5	168
	KASSALA	00	8	04	4	0	0	—	99.9	41	2	00	8	02	2	0	0	—	5.0	-4.2	26.0	41	+3	21	+2	48	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	30	5	0	4	—	0	42	—	00	—	06	4	0	0	—	4.2	-5.6	30.6	43	+5	22	+3	23	0	2	13	171
	DUEIM	01	—	32	3	0	4	—	2	42	15	00	—	—	3	0	0	—	4.8	-5.5	29.6	41	+3	23	+6	34	0	14	12	173
	RENK	00	7	12	1	0	0	—	99.4	43	11	01	7	12	2	1	3	—	3.8		34	43	—	24	—	18	0	—	—	182
	ROSEIRES	01	—	26	1	0	4	—	99	44	15	00	—	14	1	0	0	—	2.2	-6.5	28.9	44	+5	21	+1	33	0	27	39	172
	EL OBEID											02	7	00	0	1	5	Ac	4.9	-6.8	25.4	40	+5	20	+5	28	0	8	20	174
	EL FASHER											00	—	02	2	0	0	—	—	—	23.1	42	+7	18	+3	34	0	9	8	175
	GENEINA	03	8	32	1	1	8	Cu	—	39	41	01	7	08	1	1	4	—	—	—	20.1	40	—	17	—	—	0	dr	—	179
	KADUGLI	01	7	04	5	1	4	—	99.8	42	9	18	4	28	4	1	3	—	4.8	—	24	43	—	21	—	46	0	—	—	187
S. SUDAN	MALAKÂL	01	8	32	4	0	2	Cu	99.9	41	14	03	8	24	3	2	8	—	4.0	-5.3	29.9	41	+2	24	+2	45	0	83	97	176
	WÂU											00	—	20	2	0	0	—	3.3	-5.6	27.8	38?	0	23	+2	61	0	107	166	177
	JÛBA	01	6	24	4	2	4	Cu	2.5	33	39	00	8	10	3	0	0	—	4.9	-4.9	27.7	38	+1	23	+1	51	dr	245	163	178

UPPER WINDS

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

SALÛM 7h. m.	MATRÛH 7h. m.	DIKHEILA 8h. m.	CAIRO 8h.30m.	HELWÂN 8h.30m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 5h. m.	KAREIMA 4h. m.	KHARTÛM 6h. m.	KASSALA 6h. m.	EL OBEID 6h. m.	MALAKÂL 5h. m.	JÛBA 6h. m.	Geneina 7h. m.
02.27.40	02.26.55	02.27.55	02.27.10	02.27.20	05.34.30	02.35.30	03.35.35	06.03.30	06.06.35	06.04.15	07.05.35	06.29.35	06.21.15	10.04.30
05.27.—	05.29.50	05.27.50	05.28.30	05.29.20	10.32.55	05.35.60	06.35.50	10.01.40	10.05.20	10.36.20	10.05.45	10.27.20	10.23.15	15.03.65
		10.28.50	10.28.30	08.28.40		10.34.75	10.34.30	20.32.35	15.07.15	15.35.25	15.04.35	15.14.10	15.24.15	20.03.55
		15.28.70	15.28.50	10.28.30		15.33.80	15.29.20	21.32.35	20.34.25	20.33.25	20.03.30	20.35.25	20.30.15	30.14.10
		20.28.80		15.27.45			20.25.25		30.31.45	30.33.25	30.35.10	28.01.50	30.29.15	
				20.27.65			23.25.40		40.31.30	40.24.30			40.29.30	
									50.28.20				50.31.30	
									60.04.05					
									70.15.10					

Forecast for 24 hours from noon on 16th
Westerly winds, inland fresh; on the coast strong, at times reaching gale force.
Occasional medium cloud.
Normal temperature.
Further outlook: Cooler.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٦
رياح غربية تكون نسيمة فى الداخل وشديدة تصل
قوتها الى العاصفة احيانا على الساحل
يظهر بعض السحاب المتوسط الارتفاع احيانا .
ودرجة الحرارة حول المعدل .
وفيما بعد سيميل الطقس الى البرودة .

STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp °C on 15th	Diff. from normal
Alexandria	53	-12	13.5	+0.7
Ezbekîya	53	-5	14.5	+1.5
Gîza	50	-9	14.6	+1.7
Helwân	28	-18	12.8	+1.8

Gîza Grass minimum on 16th 7.3 °C

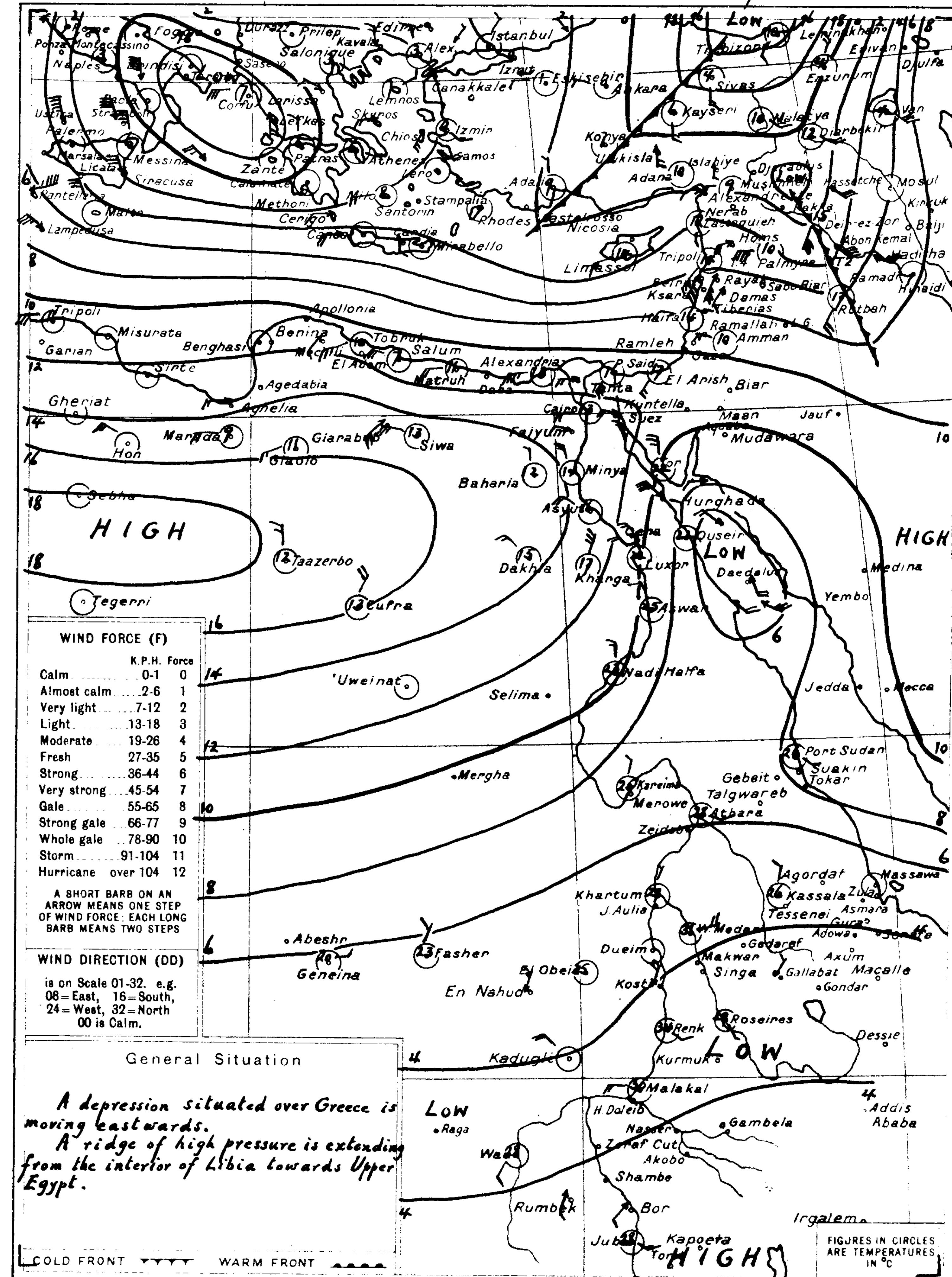
Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
16.3	870	865
15.3	870	867

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	15.3	13.29	+0.03	13.29	+0.03
Nâsser	15.3	5.68	+0.65	5.72	+0.69
Malakâl	16.3	10.51	+0.32	10.52	+0.32
Roseires	16.3	12.06	+0.66	12.09	+0.68
Sennâr Res.	15.3	18.92	—	19.00	—
J. Aulia U.S	15.3	375.18	—	375.11	—
J. Aulia D.S	15.3	370.99	-0.05	370.99	-0.05
Khartûm	15.3	10.28	+0.12	10.27	+0.10
Kh. el Girba					
'Atbara	15.3	10.16	+0.09	10.17	+0.10
Kajnarti	15.3	132.51	+0.22	132.54	+0.23
Aswân Res.	16.3	120.84	—	120.84	—
Aswân D.S.	16.3	85.69	-0.07	85.69	-0.08
Rôda (Cairo)	16.3	15.82	+0.23	15.82	+0.22

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 16-3-39 ٣٩-٣-١٦



General Situation

A depression situated over Greece is moving eastwards.
A ridge of high pressure is extending from the interior of Libia towards Upper Egypt.

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

STATION مرصد	At 8h. on 16th (الساعة ٨ يوم ١٦) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	7	22	3	1	3	—	3.9	-10.3	14	—	—	—	—	—	5	567	400
Haifa	60	—	26	1	—	—	—	8.0	-5.7	14.2	22	0	13	+3	82	2	536	614
Gaza	03	6	28	3	1	8	Cl,As	9.5	-4.2	17	—	—	9	-1	65	—	—	354

SHIPS سفن

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h. 06 m. 03
" " Sunset h. 18 m. 04

Month MARCH 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Region	Station	At 14 h. on 16th ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h. on FRIDAY 17th ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	SALÛM	01	8	24	6	0	1	Cu	9.6	17.6	26	00	7	24	4	0	0	—	13.5	-3.5	8.5	19	—	5	—	84	0	78	—	130
	MATRÛH	00	7	28	3	0	0	—	10.0	15.8	64	00	7	22	4	0	0	—	13.0	-3.4	12.9	18	-2	9	-1	72	0	116	149	131
	DIKHEILA	01	8	26	6	1	3	Sc	12.0	15.3	56	01	8	22	4	1	2	Ac	13.6	—	15.5	17	—	9	—	54	0	91	—	150
	ALEXANDRIA	02	9	24	6	2	4	Cu	11.4	15.5	59	00	9	20	6	0	0	—	12.4	-3.4	15.0	21	-1	11	-2	58	0	163	175	132
	DAMIETTA											01	8	20	3	0	2	Ac	12.6	—	13.1	20	—	7	—	64	0	70	97	159
	PORT SAÎD	01	7	22	5	0	2	Cu	10.4	19.1	41	01	7	20	5	1	2	Ac	13.3	-1.1	14.2	20	-1	11	-2	58	0	63	68	134
	EL 'ARÎSH	01	7	28	2	1	2	Cu	10.8	18.0	60	01	7	20	1	1	2	Ci	14.2	—	11.8	20	—	7	—	86	0	120	78	135
MIDDLE EGYPT	DAMANHÛR											00	7	18	3	0	0	—	13.8	-2.1	13.2	21	-3	9	0	53	0	26	91	136
	MANṢÛRA											01	8	18	2	1	3	Sc	13.1	—	13.2	20	-4	6	-3	53	0	44	45	137
	TANTA	00	7	24	4	0	0	—	10.6	20.2	31	00	7	22	3	0	0	—	14.3	-2.7	14.0	21	-4	7	-2	57	0	38	33	138
	ZAGÂZIG	00	8	20	3	0	0	—	11.0	19.9	32	00	8	20	3	0	0	—	14.8	—	14.9	20	-4	5	-3	57	0	29	24	139
	CAIRO ALMÂZA	00	8	26	4	0	0	—	11.8	19.2	42	00	7	18	3	0	0	—	14.8	—	14.9	20	—	11	—	45	0	10	—	141
	CAIRO EZBEKÎYA	00	8	26	3	0	0	—	11.1	20.7	26	00	5	16	4	0	0	—	15.0	-0.6	12.3	22	-3	10	-1	47	0	12	21	—
	CAIRO GÎZA	05	7	26	3	0	0	—	11.5	22.1	27	05	6	14	2	0	0	—	15.2	-1.3	13.8	22	-2	9	+1	50	0	14	21	—
	HELWÂN	00	8	26	5	0	0	—	11.5	18.2	22	05	5	14	3	0	0	—	15.5	-0.6	11.9	23	-1	8	-3	36	0	20	23	143
	SUEZ	00	9	22	1	1	0	—	11.2	21.4	15	00	7	00	0	1	0	—	15.1	-0.6	18.2	23	-1	8	-4	38	0	19	15	144
UPPER EGYPT	FAIYÛM	00	8	26	3	0	0	—	12.2	19.7	28	00	7	16	1	0	0	—	15.8	-0.8	13.1	22	-4	7	-2	44	0	tr.	7	153
	MINYA	00	6	32	4	0	0	—	12.3	20.3	28	00	6	16	3	0	0	—	16.3	-0.2	12.3	21	-5	8	-2	49	0	4	—	154
	ASYÛT	00	8	30	4	0	0	—	12.7	20.2	28	00	7	22	2	0	0	—	16.3	0.0	14.0	21	-6	8	-2	39	0	2	4	155
	QENA	00	8	26	3	0	0	—	10.2	28.2	27	00	8	24	1	0	0	—	15.6	+0.8	15.2	29	-3	8	-4	66	0	dr.	—	156
	LUXOR	00	7	26	5	0	0	—	10.6	26.0	30	00	7	26	2	0	0	—	15.1	—	16.2	27	—	5	—	51	0	dr.	—	157
	ASWÂN	28	5	32	5	0	0	—	7.9	28.5	22	00	7	30	3	0	0	—	14.4	-0.6	13.0	30	-1	11	-3	39	0	1	—	158
WESTERN DESERT	SÎWA	00	8	26	4	1	0	—	13.4	19.1	62	00	8	00	0	0	0	—	15.6	-0.9	10.8	20	-6	5	-3	72	0	6	7	148
	BAHARÎYA	00	9	24	1	0	0	—	14.2	19.0	42	00	9	24	1	0	0	—	16.7	—	12.0	19	—	5	—	43	0	0	—	149
	KHÂRGA	00	8	28	4	0	0	—	11.9	21.9	32	00	8	04	2	0	0	—	17.5	+1.8	13.8	23	-6	8	-3	39	0	dr.	tr.	151
	DÂKHLA	00	7	30	3	0	0	—	14.3	19.9	66	00	7	00	0	0	0	—	17.4	+1.2	8.4	21	-8	5	-5	77	0	dr.	—	152
RED SEA	TÔR	00	6	28	5	0	0	—	9.0	24.0	54	00	6	32	4	0	0	—	13.1	-1.7	18.8	25	+1	11	-2	64	0	20	13	145
	HURGHÂDA											00	9	30	3	0	0	—	12.8	-1.9	18.9	25	-1	10	-3	56	0	1	—	146
	QUṢEIR	12	5	32	4	3	8	Ns	7.9	24.9	55	00	7	30	3	0	0	—	13.1	-1.0	19.9	25	0	14	-3	36	0	tr.	6	147
	PORT SUDAN	01	—	12	3	0	4	—	5	28	75	30	—	32	2	1	9	—	11.1	-1.6	26.0	29	0	26	+6	68	0	71	106	169
NORTH SUDAN	WÂDI HALFA	18	5	32	5	3	0	—	7.9	30	16	00	8	02	4	0	0	—	15.9	+1.1	14.4	30	-2	12	-1	28	—	—	—	165
	KAREIMA	00	8	28	4	0	0	—	3.7	39	8	00	8	30	3	0	0	—	12.3	-0.6	22.0	40	+4	19	+2	22	0	0	1	166
	'ATBARA	01	—	02	2	0	4	—	3	41	—	00	—	32	6	0	0	—	9.3	-2.5	27.0	41	+5	23	+6	25	0	6	1	167
	KHARTÛM	01	8	32	3	0	3	—	99.8	43	11	18	5	32	3	1	0	—	8.6	-1.6	25.2	43	+5	22	+3	22	0	dr.	5	168
	KASSALA	00	7	02	3	0	0	—	0.6	39	11	00	8	08	3	0	0	—	4.6	-4.5	32.0	40	+2	21	+2	38	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	32	5	0	4	—	99	41	—	00	—	02	5	0	0	—	5.8	-3.9	27.9	42	+3	22	+3	9	0	2	13	171
	DUEIM	01	—	—	3	0	4	—	1	42	—	00	—	—	4	0	0	—	6.8	-3.4	26.6	43	+5	23	+6	22	0	14	12	173
	RENK	02	7	28	2	1	5	—	98.7	42	12									—	—	—	—	—	—	—	—	—	—	182
	ROSEIRES	01	—	22	1	0	4	—	97	43	—	00	—	26	1	0	0	—	2.6	-6.0	25.9	44	+4	19	-1	46	0	27	40	172
	EL OBEID	03	8	08	1	1	6	—	99.5	40	9	08	5	30	3	0	0	—	7.5	-4.1	24.2	40	+4	21	+6	20	0	8	20	174
	EL FÂSHER	01	—	06	3	0	4	—	—	41	25	00	—	02	3	0	0	—	—	—	22.7	43	+8	17	+2	32	0	0	8	175
	GENEINA	00	8	04	3	0	0	—	—	39	17	19	6	08	4	1	0	—	—	—	22.0	41	—	21	—	—	0	dr.	—	179
	KADUGLI	03	7	28	4	3	6	—	98.8	43	8																		—	187
S. SUDAN	MALAKÂL	01	8	30	4	2	3	Cu	98.6	42	15	03	8	32	3	2	8	Cs	4.0	-5.3	31.0	42	+3	23	+1	17	0	83	98	176
	WÂU											00	—	20	1	0	0	—	3.2	-5.7	29.0	40	+2	24	+3	52	0	107	166	177
	JÛBA	01	8	30	1	0	4	Cu	0.1	38	27	00	8	12	4	0	0	—	4.4	-5.4	29.0	39	+2	25	+3	52	dr.	245	165	178

UPPER WINDS

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

SALÛM 7 h.	MATRÛH h. m.	DIKHEILA 8 h.	CAIRO h. m.	HELWÂN h. m.	ASYÛT h. m.	ASWÂN h. m.	WÂDI HALFA 3 h.	KAREIMA 3 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 6 h.	JÛBA 6 h.	Salum 16th 15 h.
02.27.25		02.26.55					03.02.35	06.11.05	06.01.30	06.07.20	07.28.45	06.02.25	06.28.25	02.27.40
05.28.—		05.27.30					06.36.35	10.31.15	10.03.55	10.04.30	10.36.55	10.03.60	10.30.10	05.26.60
10.28.40		10.27.65					10.36.35	15.31.20	15.05.25	15.01.25		15.04.45	15.31.15	10.26.80
12.28.45		14.27.65					15.31.30	20.06.25	20.03.20	20.01.20		20.05.40	20.31.35	15.26.65
							20.27.35		30.34.10	30.35.30		30.04.25	30.07.15	20.27.15
							30.30.55		40.27.30	40.32.20		40.05.15	40.35.40	
							33.30.40		50.29.35			45.19.10	42.36.40	

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 16th	Diff. from normal	Wet Bulb Temp. °C on 16th	Diff. from normal
Alexandria	64	-1	10.8	-2.0
Ezbekîya	42	-14	10.2	-2.9
Gîza	44	-15	10.4	-2.6
Helwân	36	-10	8.7	-2.4

Gîza Grass minimum on 17th 7.3 °C

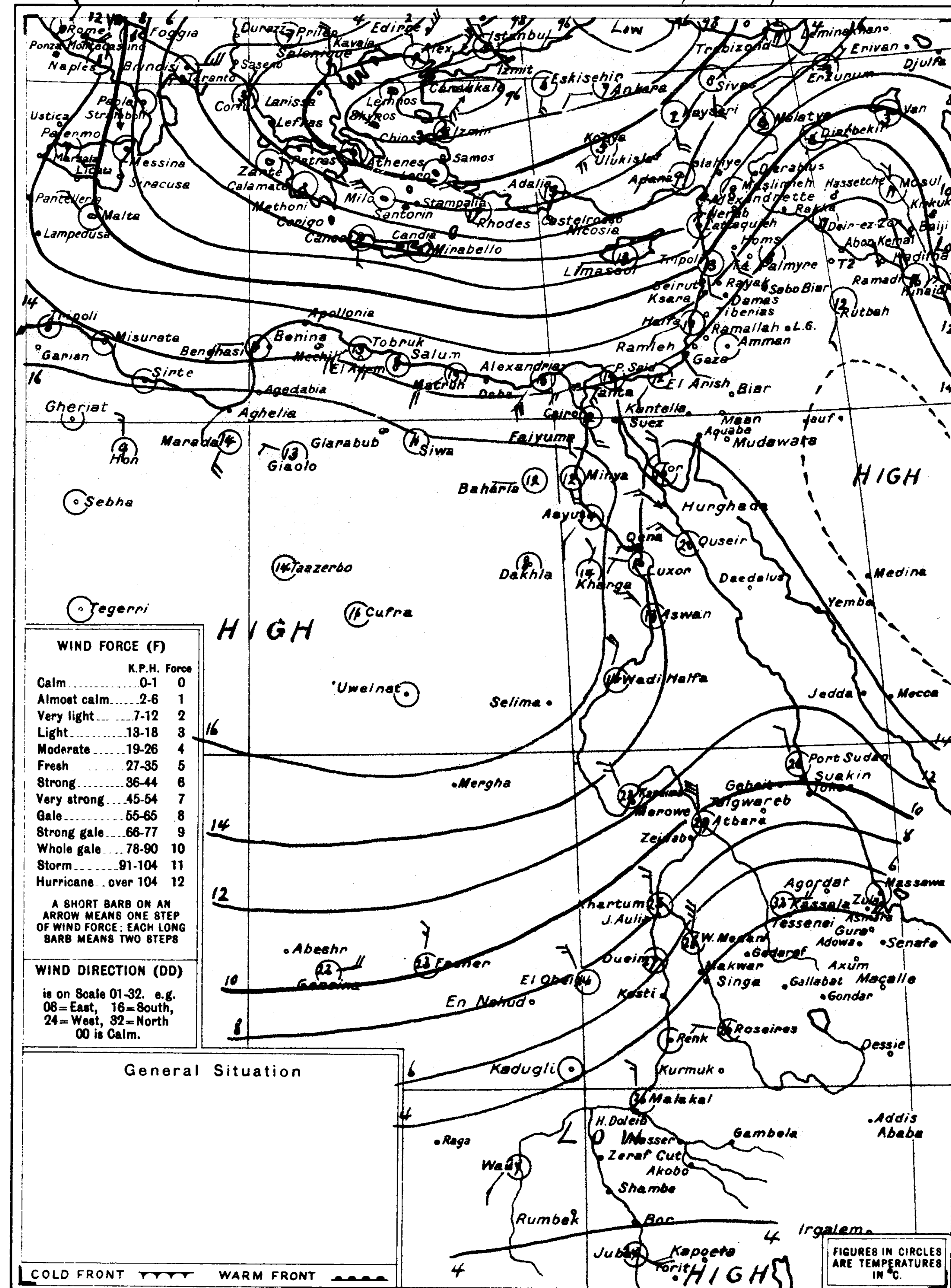
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
17-3	869	869
16-3	870	865

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-3	13.28	+0.02	13.29	+0.03
Nâṣṣer	17-3	5.50	+0.48	5.60	+0.57
Malakâl	17-3	10.51	+0.33	10.51	+0.32
Roṣeires	17-3	12.02	+0.63	12.06	+0.66
Sennâr Res.	17-3	18.80	—	18.86	—
J. Aulia U.S	17-3	375.10	—	375.20	—
J. Aulia D.S	17-3	371.14	+0.11	371.06	+0.03
Khartûm	17-3	10.33	+0.15	10.32	+0.15
Kh. el Girba					
'Atbara	17-3	10.14	+0.09	10.15	+0.09
Kajnarti	17-3	132.50	+0.24	132.51	+0.24
Aswân Res.	17-3	120.81	—	120.84	—
Aswân D.S.	17-3	85.69	-0.06	85.69	-0.07
Rôda (Cairo)	17-3	15.77	+0.19	15.82	+0.23

Printed by the Survey & Mines Dept. 1938 (38/554)

١٧-٣-٣٩ Isobars, Wind and Temperature at 8 h. 17-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms.

STATION محطة	At 8 h. on 17th ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	20	5	24	2	6	8	—	7.1	-6.9	13	—	—	—	—	—	5	572	402
Haifa	01	—	22	1	—	3	—	13.4	-0.3	16.3	20	-2	12	+2	49	0	536	615
Gaza	01	8	14	2	0	3	Cu	14.7	+0.2	12	—	—	7	-3	65	Rain	—	354
SHIPS سفن																		

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h. 06 m. 01
" " Sunset h. 18 m. 05

Month *MARCH* 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

١٨-٣-٣٩

At 14 h. on 17th — الساعة ١٤ يوم ١٧ | At 8 h. on SATURDAY 18th — الساعة ٨ يوم السبت ١٨

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	18	6	24	7	1	5	Cu	12.4	18.8	30	02	7	24	4	1	5	Ci	16.4	-0.5	8.8	19	—	6	—	81	0	78	—	130
	MATRÛH	02	7	28	5	1	5	Cu	11.2	16.4	69	02	7	22	2	1	5	Cu	15.2	-1.2	12.8	19	-1	8	-2	82	0	116	149	131
	DIKHEILA	01	8	24	6	1	1	Sc	12.7	18.0	53	01	8	18	2	1	2	Cu	15.0	—	14.2	20	—	9	—	71	0	91	—	150
	ALEXANDRIA	00	9	20	6	0	0	—	11.8	18.2	52	00	9	20	2	0	0	—	14.7	-1.0	15.0	19	-3	11	-2	61	0	163	175	132
	DAMIETTA											00	8	20	3	2	0	—	14.0	—	14.3	21	—	10	—	78	0	70	97	159
	PORT SAÎD	00	7	26	6	1	0	—	11.6	21.3	37	00	7	20	4	0	0	—	14.3	-0.1	14.5	22	+1	12	-1	76	0	63	68	134
	EL 'ARÎSH	00	7	28	2	0	0	—	12.6	20.8	66	02	7	00	0	1	5	Cu	14.7	—	16.0	22	—	10	—	55	0	120	79	135
	DAMANHÛR											00	7	20	3	0	0	—	15.5	-0.4	13.8	21	-3	10	+1	69	0	26	91	136
	MANṢURA											00	8	14	1	0	0	—	14.8	—	14.2	23	-1	8	-1	72	0	44	45	137
	TANTA	00	8	24	6	0	0	—	12.3	23.0	25	00	8	00	0	0	0	—	15.2	-1.7	11.6	23	-2	6	-4	75	0	38	33	138
	ZAGÂZÎG	00	8	20	6	0	0	—	12.3	22.4	22	00	7	20	2	0	0	—	15.4	—	15.4	22	-2	6	-2	60	0	29	24	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	26	4	0	0	—	11.8	19.2	42	01	7	00	0	0	2	Sc	14.7	—	14.2	22	—	10	—	54	0	10	—	141
	CAIRO EZBEKÎYA	00	8	24	4	0	0	—	12.4	23.3	24	05	5	16	1	0	0	—	14.7	-0.9	13.1	24	-1	9	-2	55	0	12	21	—
	CAIRO GÎZA	00	8	26	3	0	0	—	12.7	24.0	18	05	5	00	0	0	0	—	15.4	-1.0	14.4	25	+1	6	-2	57	0	14	21	—
	HELWÂN	00	8	24	5	0	0	—	13.0	20.7	12	05	6	10	1	0	0	—	15.0	-1.0	14.9	23	-1	10	-1	44	0	20	23	143
	SUEZ	00	9	12	1	0	0	—	12.6	22.8	30	00	7	12	1	0	0	—	14.8	-0.9	15.6	24	0	9	-4	56	0	19	15	144
UPPER EGYPT	FAIYÛM	00	8	30	3	0	0	—	13.4	22.3	20	00	7	00	0	0	0	—	15.2	-1.3	12.0	24	-2	8	-2	48	0	tr.	7	153
	MINYA	00	7	30	3	0	0	—	14.6	22.0	22	00	5	32	1	0	0	—	14.7	-1.7	15.0	23	-3	9	-1	39	0	4	—	154
	ASYÛT	00	8	22	3	0	0	—	14.6	22.0	25	00	7	12	3	0	0	—	15.5	-0.6	15.7	23	-4	7	-4	34	0	2	4	155
	QENA	00	8	24	4	0	0	—	13.6	26.2	23	00	8	24	1	0	0	—	16.0	+1.3	15.7	29	-3	9	-4	47	0	dr.	—	156
	LUXOR	00	7	26	3	0	0	—	12.8	26.8	24	00	7	10	2	0	0	—	15.6	—	15.3	27	—	6	—	56	0	dr.	—	157
	ASWÂN	00	7	30	3	0	0	—	11.6	25.3	21	00	7	00	0	0	0	—	15.0	0.0	14.0	27	-4	10	-4	44	0	1	—	158
WESTERN DESERT	SÎWA	00	8	26	4	0	0	—	13.8	23.0	66	02	8	00	0	1	5	Cu	16.2	-0.2	12.0	23	-3	5	-4	65	0	6	7	148
	BAHARÎYA	00	9	24	1	0	0	—	15.6	22.0	29	00	9	00	0	0	0	—	16.8	—	12.0	23	—	4	—	43	0	0	—	149
	KHÂRGA	00	8	04	2	0	0	—	15.1	22.3	26	00	8	00	0	0	0	—	16.3	+0.7	14.2	24	-5	8	-3	35	0	dr.	tr.	151
	DAKHLA	05	7	30	1	0	0	—	15.4	21.9	63	05	6	12	1	0	0	—	15.4	-0.7	9.7	24	-5	5	-5	63	0	dr.	—	152
RED SEA	TOR	00	6	28	3	0	0	—	11.5	22.2	64	00	6	32	3	0	0	—	14.0	-0.7	20.0	26	+1	10	-3	41	0	20	13	145
	HURGHÂDA											00	9	30	2	0	0	—	14.3	-0.4	19.3	24	-2	11	-2	54	0	1	—	146
	QUṢEIR	00	7	02	3	0	0	—	12.2	21.4	54	00	7	28	2	0	0	—	14.4	+0.4	21.2	23	-3	14	-3	25	0	tr.	6	147
	PORT SUDAN	01	—	08	3	0	3	—	9	28	65	00	—	28	2	0	0	—	12.8	+0.2	24.5	29	0	23	+3	63	0	71	106	1[illegible]9
NORTH SUDAN	WÂDI HALFA											01	8	02	1	0	1	Ac	15.6	+0.9	14.7	27	-5	9	-4	30	—	—	—	165
	KAREIMA	00	8	28	4	0	0	—	8.4	35	10	00	8	30	3	0	0	—	13.6	+0.8	19.0	35	-1	13	-4	26	0	0	1	166
	'ATBARA	01	—	30	4	3	3	—	5	36	15	30	—	32	7	0	9	—	10.2	-1.5	24.0	38	+2	19	+2	7	0	6	1	167
	KHARTÛM	00	8	06	6	0	0	—	2.3	33	—	01	8	32	3	1	5	Cs	9.3	-0.8	23.6	41	+3	20	+1	15	0	dr.	5	168
	KASSALA	00	8	02	3	0	0	—	99.9	41	20	01	8	02	3	0	1	Cs	5.5	-3.6	26.0	41	+3	21	+2	69	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	02	5	0	0	—	7.4	-2.1	25.9	42	+3	17	-2	12	0	2	13	171
	DUEIM	01	—	04	3	—	3	—	3	38	35	00	—	—	4	0	0	—	8.3	-1.8	25.4	39	+1	21	+4	30	0	14	12	173
	RENK	00	7	28	3	0	0	—	99	41	13	00	7	28	3	0	0	—	8.2	—	21	43	—	21	—	49	0	—	—	182
	ROSEIRES	01	—	02	5	0	3	—	1	42	15	00	—	32	1	0	0	—	3.4	-5.2	27.3	43	+3	21	+1	29	0	27	40	172
	EL OBEID	05	6	04	3	0	0	—	2.3	37	11	03	8	32	4	1	8	Ci	9.2	-2.3	21.7	38	+2	19	+3	16	0	8	20	174
	EL FASHER																												8	175
	GENEINA	18	5	04	4	3	2	—	—	36	42																		—	179
	KADUGLI											18	4	20	4	3	0	—	7.2	—	27	43	—	18	—	15	0	—	—	187
S. SUDAN	MALAKÂL	03	8	04	6	2	7	—	98.7	41	2[illegible]	03	8	02	6	2	8	Cs	4.8	-4.5	28.9	42	+3	25	+3	21	0	83	98	176
	WAU	02	—	28	2	0	4	—	00	38	25	02	—	24	3	1	4	—	5.7	-3.2	24.8	39	+1	24	+3	75	0	107	167	177
	JÛBA	01	8	12	1	0	4	Cu	0.0	40	12	02	8	18	2	0	5	Sc	5.4	-4.4	29.0	40	+3	25	+3	52	0	245	166	178

UPPER WINDS

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

SALÛM 7h. m.	MATRÛH 7h. m.	DIKHEILA 8h. m.	CAIRO 8h. 30m.	HELWÂN 8h. 30m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 5h. m.	KAREIMA 6h. m.	KHARTÛM 6h. m.	KASSALA 6h. m.	EL OBEID 7h. m.	MALAKÂL 6h. m.	JÛBA 6h. m.	(R.A.F.) Ismailia 6h. m.
02.27.20	02.27.15	02.24.20	02.20.10	02.15.05	05.05.20	02.36.10	03.04.20	06.03.30	06.36.40	06.03.10	07.01.30	06.02.55	06.21.20	05.30.20
05.30.—	02.29.15	05.24.15	04.20.25	05.19.10	10.34.20	05.02.35	06.05.40	10.01.40	10.01.45	10.09.05	10.03.60	10.03.90	10.22.25	10.26.30
10.34.15	10.33.20	10.30.20	05.26.05	08.30.15	15.32.50	10.01.45	15.06.45	15.35.40	15.01.35	15.05.15	15.05.40	15.03.80	15.22.25	15.27.35
15.32.20	15.31.35	15.29.45	07.29.15	10.29.20		15.35.50	20.09.55	20.32.35	20.01.05	20.05.15	20.08.10	20.04.55	20.20.15	20.27.40
20.29.55		20.27.50	10.29.20	15.27.20		20.35.50		21.32.35	30.32.35	30.21.55	30.01.30	30.09.30	30.21.10	24.28.55
25.29.80		23.28.55	15.28.20	16.27.20							40.01.15	39.14.15	40.23.35	25.28.80
29.28.80													50.29.20	30.28.95
													60.32.10	tail

Forecast for 24 hours from noon on 18th

On the coast moderate west winds veering to northwest or north.
Inland light to moderate westerly winds, veering later to north or northeast.
Some medium cloud.
Little change in temperature

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٨

رياح معتدله غربيه تتحول الى شماليه غربيه أو شماليه على الساحل
ورياح خفيفه والمعتدله غربيه تتحول فيما بعد الى الشمال أو الشمال الشرقى فى الداخل
يظهر بعض السحاب الاوسط
ولا تتغير درجه الحراره الا قليلا

STATION	Mean of day: Humidity % on 17th	Humidity Diff. from normal	Wet Bulb Temp °C on 17th	Wet Bulb Diff. from normal
Alexandria	57	-8	11.8	-1.1
Ezbekîya	33	-23	10.2	-3.0
Gîza	40	-18	10.6	-2.5
Helwân	24	-22	8.2	-2.9

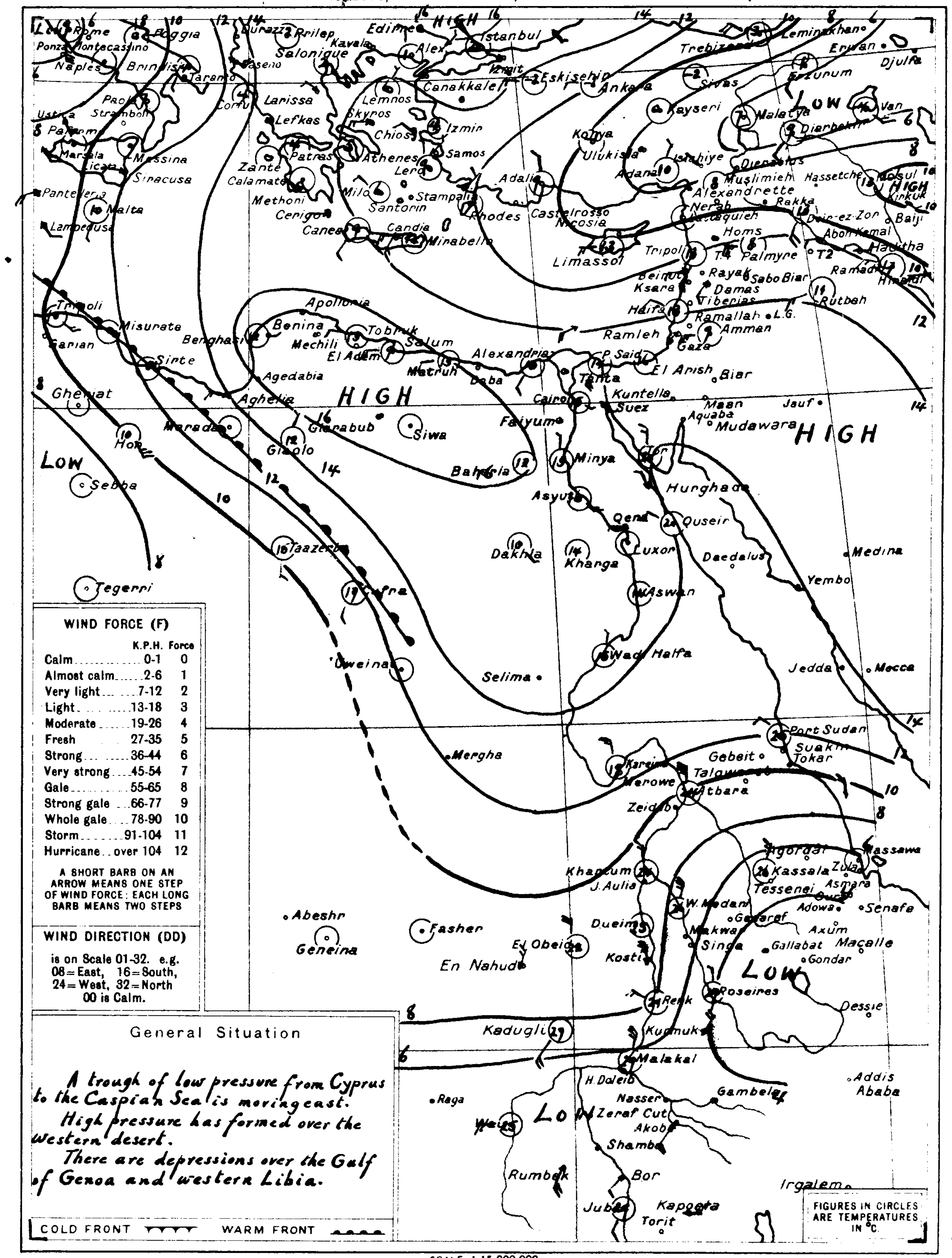
Gîza Grass minimum on 18th 1.4°C

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

DATE	1939	1938
18-3	869	866
17-3	869	869

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18-3	13.28	+0.02	13.28	+0.02
Nâsser	17-3	5.50	+0.48	5.60	+0.57
Malakâl	18-3	10.50	+0.33	10.51	+0.33
Roseires	18-3	11.98	+0.60	12.02	+0.63
Sennâr Res	17-3	18.80	—	18.86	—
J. Aulia U.S	17-3	375.10	—	375.20	—
J. Aulia D.S	17-3	371.14	+0.11	371.06	+0.03
Khartûm	17-3	10.33	+0.15	10.32	+0.15
Kh. el Girba					
'Atbara	17-3	10.14	+0.09	10.15	+0.09
Kajnarti	17-3	132.50	+0.24	132.51	+0.24
Aswân Res.	18-3	120.76	—	120.81	—
Aswân D.S.	18-3	85.69	-0.05	85.69	-0.06
Rôda (Cairo)	18-3	15.82	+0.25	15.77	+0.19

Isobars, Wind and Temperature at 8 h. 18-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A trough of low pressure from Cyprus to the Caspian Sea is moving east.
High pressure has formed over the Western desert.
There are depressions over the Gulf of Genoa and western Libia.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 18th — الساعة ٨ يوم ١٨

STATION سطح	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	02	6	24	3	1	5	—	10.3	-3.7	13	—	—	—	—	—	6	578	403
Haifa	03	—	26	2	—	7	—	13.4	-0.2	12.9	17	-3	11	+1	85	3	539	616
Gaza																		355
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise 06h 00m

" " Sunset 18h 03m

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

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس ٣٩-٣-١٩

Isobars, Wind and Temperature at 8 h. 19-3-39

At 14 h. on 18th — الساعة ١٤ يوم ١٨

	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	C° TEMP. TTT	% HUMIDITY UU
MEDITERRANEAN	SALÛM	03	8	00	0	2	6	Cu	14.3	15.1	60
	MATRÛH	02	7	32	2	1	5	Sc	13.1	16.4	55
	DIKHEILA	02	8	26	5	1	5	Cs	14.6	16.5	43
	ALEXANDRIA	03	9	22	4	2	6	Ac	14.0	16.8	65
	DAMIETTA										
	PORT SAÎD	01	7	30	6	1	2	Ac	13.6	19.2	70
	EL 'ARÎSH	01	7	32	3	1	3	Cu	13.5	17.7	54
LOWER EGYPT	DAMANHÛR										
	MANSÛRA										
	TANTA	00	8	24	3	0	0	—	—	22.9	32
	ZAGAZIG	01	8	28	2	0	3	Ci	13.3	21.9	37
MIDDLE EGYPT	CAIRO: ALMAZA	01	8	24	2	1	2	Cs	14.0	21.7	45
	CAIRO: EZBEKIYA	01	8	04	3	1	4	Sc	13.4	22.8	33
	CAIRO: GIZA	01	7	32	2	0	4	Sc	13.3	22.4	27
	HELWAN	02	8	28	2	1	4	Ci	13.1	21.1	25
	SUEZ	00	9	16	1	0	0	—	13.3	22.3	35
UPPER EGYPT	FAIYÛM	01	8	26	1	0	3	Cu	13.9	24.1	21
	MINYA	00	8	02	3	0	0	—	14.2	23.2	20
	ASYÛT	00	8	30	3	0	0	—	14.2	25.4	21
	QENA	00	8	20	1	0	0	—	13.0	27.5	25
	LUXOR	02	7	02	3	1	4	Cu	13.3	26.2	25
	ASWÂN	00	7	32	3	0	0	—	11.6	27.0	11
WESTERN DESERT	SIWA	02	8	14	2	2	5	Cu	13.6	22.6	56
	BAHARIYA	00	9	00	0	0	0	—	14.0	25.5	26
	KHARGA	00	8	04	2	0	0	—	13.9	23.9	17
	DAKHLA	00	7	12	1	0	0	—	13.3	26.9	55
RED SEA	TOR	00	6	28	6	0	0	—	12.3	22.1	54
	HURGHADA										
	QUSEIR	01	7	02	3	0	1	Ci	13.8	22.0	43
	PORT SUDAN										
NORTH SUDAN	WADI HALFA	00	9	02	5	0	0	—	12.3	29	5
	KAREIMA	00	8	28	4	0	0	—	10.3	32	11
	'ATBARA										
	KHARTÛM	18	7	02	4	1	0	—	4.0	37	11
	KASSALA	00	8	32	3	0	0	—	0.7	38	31
CENTRAL SUDAN	WAD MEDANI										
	DUEIM										
	RENK	03	7	28	2	1	8	—	0.8	39	14
	ROSEIRES										
	EL OBEID	03	8	02	4	1	8	—	4.4	33	16
	EL FÂSHER										
	GENEINA	03	8	08	3	2	8	Ac	—	35	42
	KADUGLI										
S. SUDAN	MALAKÂL	03	8	02	4	2	8	—	0.3	39	27
	WAU										
	JUBA	03	8	18	2	2	6	Sc	5.1	27	17

At 8 h. on SUNDAY 19th — الساعة ٨ يوم الأحد ١٩

	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct. 1 mms	RAINFALL Normal from Oct. 1 mms	STATION NUMBER
MEDITERRANEAN	SALÛM	01	7	22	2	6	2	Cu	9.1	-7.8	13.7	17	—	8	—	83	2	80	—	130
	MATRÛH	00	7	10	4	0	0	—	7.8	-8.5	14.8	17	-3	12	+2	76	3	119	150	131
	DIKHEILA	02	8	10	3	1	4	Ac	11.4	—	14.4	19	—	12	—	90	3	94	—	150
	ALEXANDRIA	01	9	12	4	6	4	AC	10.8	-4.9	13.7	18	-4	12	-1	83	2	165	176	132
	DAMIETTA	03	8	12	2	5	8	As	12.2	—	15.8	20	—	13	—	81	tr.	70	98	159
	PORT SAÎD	03	6	14	4	1	8	Cu	12.3	-2.0	16.1	22	+1	14	+1	72	0	63	68	134
	EL 'ARÎSH	03	7	16	1	1	6	Sc	13.5	—	15.0	22	—	10	—	72	0	120	79	135
LOWER EGYPT	DAMANHÛR	01	6	20	3	1	4	Ac	11.6	-4.3	14.7	21	-3	12	+3	81	3	29	92	136
	MANSÛRA	01	4	12	2	1	4	Sc	11.9	—	14.6	22	-2	12	+3	82	1	45	45	137
	TANTA	02	7	08	1	1	5	Cu	12.4	-4.5	14.2	23	-2	11	+1	76	tr.	38	33	138
	ZAGAZIG	02	7	10	5	2	5	Ns	12.0	—	15.8	22	-2	12	+3	77	tr.	29	24	139
MIDDLE EGYPT	CAIRO: ALMAZA	51	8	08	3	2	7	Ac	12.8	—	18.2	23	—	13	—	54	tr.	10	—	141
	CAIRO: EZBEKIYA	02	6	08	4	2	5	Cu	11.8	-3.7	18.2	25	0	13	+2	46	tr.	12	22	—
	CAIRO: GIZA	02	5	00	0	2	5	Sc	12.0	-4.3	15.3	25	+1	—	—	76	tr.	14	22	—
	HELWAN	03	7	08	4	2	6	Sc	12.0	-4.0	18.2	23	-1	13	+2	29	tr.	20	23	143
	SUEZ	02	7	20	1	1	5	Cu	13.0	-2.6	17.8	24	0	13	0	54	0	19	15	144
UPPER EGYPT	FAIYÛM	00	7	32	1	0	0	—	11.5	-4.9	15.2	26	0	9	-1	54	0	tr.	7	153
	MINYA	00	5	06	1	0	0	—	10.7	-5.7	18.0	25	-1	12	+2	29	0	4	—	154
	ASYÛT	01	6	12	4	0	3	Cu	11.5	-4.5	17.0	27	0	10	-1	45	0	2	4	155
	QENA	02	8	10	3	1	4	Cu	13.3	-1.4	16.8	29	-3	10	-3	41	0	tr.	—	156
	LUXOR	02	7	10	2	1	4	Sc	13.0	—	18.0	29	—	9	—	44	0	tr.	—	157
	ASWÂN	00	7	00	0	0	0	—	12.4	-2.5	16.8	28	-3	13	-1	27	0	1	—	158
WESTERN DESERT	SIWA																		7	148
	BAHARIYA	02	9	00	0	1	4	—	9.4	—	17.5	26	—	15	—	31	0	0	—	149
	KHARGA	00	8	28	1	0	0	—	12.4	-3.1	16.4	25	-4	10	-1	29	0	tr.	tr.	151
	DAKHLA	02	6	08	1	2	5	AC	12.2	-3.8	15.1	28	-2	6	-4	40	0	tr.	—	152
RED SEA	TOR	01	6	32	2	0	1	Cc	13.0	-1.7	18.3	25	0	11	-2	47	0	20	13	145
	HURGHADA	00	9	00	0	0	0	—	12.6	-2.0	22.8	25	-1	11	-2	39	0	1	—	146
	QUSEIR	01	7	06	1	0	1	Ci	13.4	-0.5	22.6	24	-2	16	-1	28	0	tr.	6	147
	PORT SUDAN	00	—	28	2	0	0	—	12.4	-0.1	24.1	28	-1	22	+2	46	0	71	106	169
NORTH SUDAN	WADI HALFA	00	7	32	1	0	0	—	10.5	-4.1	16.2	30	-2	11	-2	32	—	—	—	165
	KAREIMA	00	8	32	1	0	0	—	12.5	-0.2	19.2	33	-3	15	-2	23	0	0	1	166
	'ATBARA	00	—	02	2	0	0	—	11.0	-0.6	23.0	36	0	16	-2	28	0	6	1	167
	KHARTÛM	01	8	32	2	0	4	Ci	9.0	-1.0	23.8	37	-1	20	+1	15	0	tr.	5	168
	KASSALA	01	8	04	4	1	4	Ci	7.2	-1.8	23.4	38	0	21	+2	66	0	tr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	04	5	0	4	—	7.8	-1.7	25.8	38	-1	17	-2	32	0	2	13	171
	DUEIM	00	—	—	3	0	0	—	8.7	-1.3	24.0	38	0	20	+2	25	0	14	12	173
	RENK																		—	182
	ROSEIRES	00	—	16	1	0	0	—	4.3	-4.2	25.7	42	+2	20	0	40	0	27	40	172
	EL OBEID	03	8	32	2	1	6	Ac,Ci	9.6	-1.8	21.0	34	-2	18	+2	20	0	8	20	174
	EL FÂSHER	00	—	04	2	0	0	—	—	—	19.0	39	+3	14	-1	12	0	0	8	175
	GENEINA	03	8	04	1	2	7	Ac	—	—	21.8	39	—	18	—	—	0	tr.	—	179
	KADUGLI																		—	187
S. SUDAN	MALAKÂL	03	8	06	2	2	8	Cs	7.1	-2.2	27.0	42	+3	21	-1	31	0	83	98	176
	WAU	00	—	20	2	0	0	—	6.5	-2.3	27.0	39	+1	24	+3	63	0	107	168	177
	JUBA	01	8	12	2	0	4	Ac	8.1	-1.7	25.0	29	-8	21	-1	76	4	249	167	178

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

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

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA 8 h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTÛM 5 h. m.	KASSALA 5 h. m.	EL OBEID 6 h. m.	MALAKÂL 6 h. m.	JUBA 6 h. m.	Salum 18th 13 h. m.
02.00.00	02.12.50	02.12.40	02.10.25	02.16.30	05.15.60	05.06.25	03.05.10	06.03.30	06.03.65	06.04.20	07.02.35	06.03.10	06.35.15	02.09.15
05.09.30	05.13.20	05.11.25	05.11.20	05.12.30	10.20.30	10.07.05	06.05.30	10.02.35	10.04.70	10.05.30	10.04.55	10.02.60	10.35.10	05.18.05
10.18.05	10.14.05	10.18.15	10.15.35	08.44.30		15.03.10	10.06.35	15.35.40	15.33.10	15.01.35	15.02.15	15.03.60	15.34.25	10.24.15
15.18.15	15.15.20	15.16.05	15.25.40	10.15.25		20.36.15	15.03.25	20.35.35	20.32.25	20.02.20	20.27.15	20.04.30	20.30.10	15.27.40
20.22.35		17.28.10		15.19.40			20.36.45	21.35.45	30.30.25	30.26.20		30.33.15	30.27.10	Ent.Cu.
25.24.40				20.20.40			30.34.30		33.32.10			40.32.05	40.33.40	
30.26.55							33.33.40					50.12.25	50.30.25	

Forecast for 24 hours from noon on 19th

Moderate southeasterly winds.

Much cloud. Light scattered showers, possibly with thunder.

Remaining warm.

Moderate khamsin conditions, probably breaking within thirty-six hours.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٩

رياح معتدلة جنوبية شرقية

تكثر السحب وتظهر خفيفا في انحاء متفرقة وربما يكون معقودنا بالرعد

ويستمر الطقس مائلا للدفء وحالة الجو خماسين معتدل

تنتهي بعد في ظرف ٣٦ ساعة

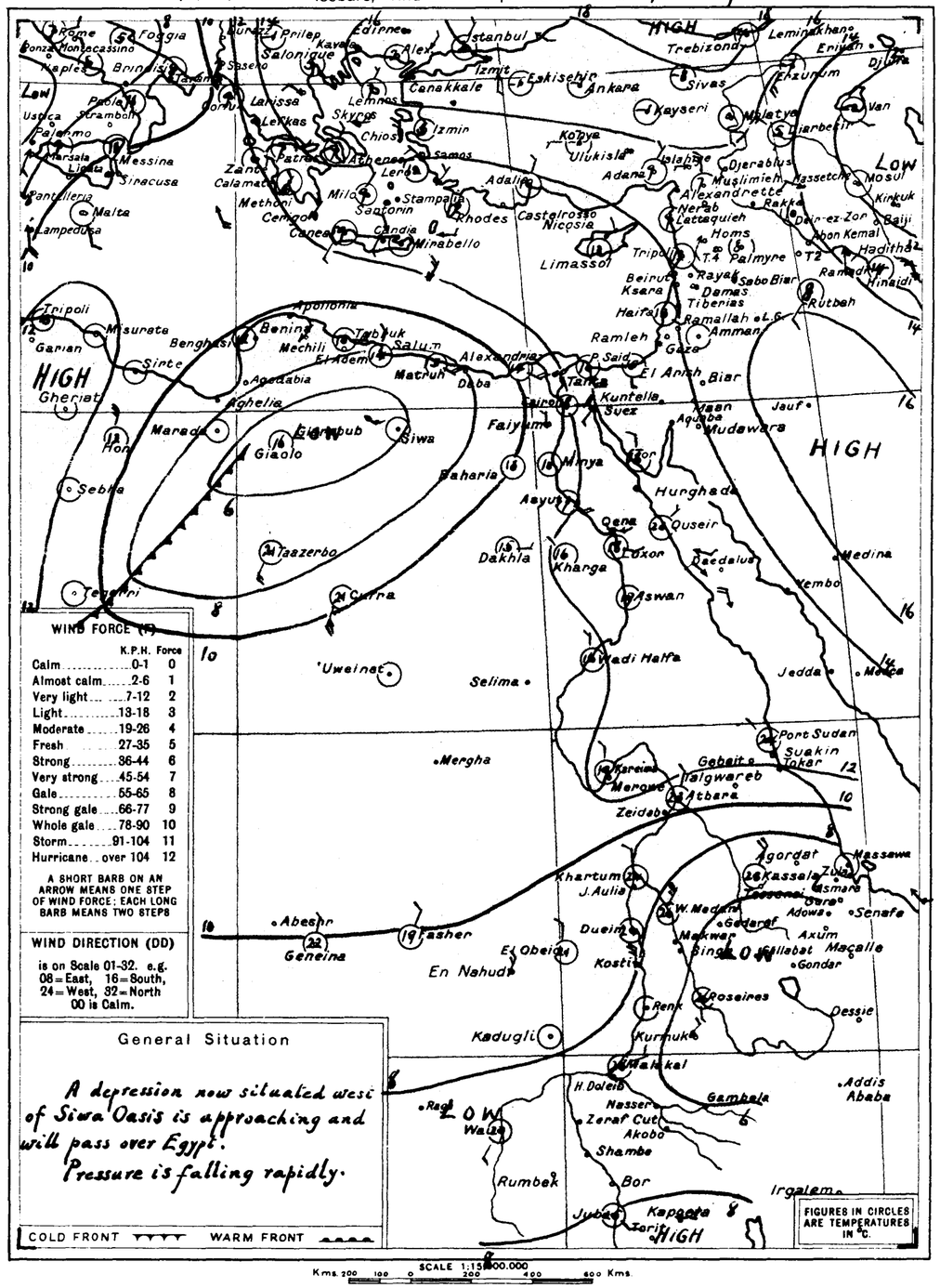
STATION	Mean of day: HUMIDITY % on 18th	Mean of day: HUMIDITY % Diff. from normal	Mean of day: WET BULB TEMP. °C on 18th	Mean of day: WET BULB TEMP. °C Diff. from normal
Alexandria	63	-2	12.3	-0.7
Ezbekiya	45	-11	11.8	-1.5
Giza	47	-11	11.8	-1.4
Helwân	28	-18	10.2	-1.0

Giza Grass minimum on 19th 6.9 °C

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

DATE	1939	1938
19-3	869	868
18-3	869	866

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18-3	13.28	+0.02	13.28	+0.02
Nâsser	18-3	5.42	+0.40	5.50	+0.48
Malakâl	19-3	10.50	+0.34	10.50	+0.33
Roseires	19-3	11.93	+0.56	11.98	+0.60
Sennar Res.	18-3	18.71	—	18.80	—
J. Aulia U.S	18-3	375.00	—	375.10	—
J. Aulia D.S	18-3	371.15	+0.13	371.14	+0.11
Khartûm	18-3	10.33	+0.14	10.33	+0.15
Kh. el Girba					
'Atbara	19-3	10.17	+0.14	10.14	+0.10
Kajnarti	18-3	132.47	+0.22	132.50	+0.24
Aswân Res.	19-3	120.77	—	120.76	—
Aswân D.S.	19-3	85.68	-0.04	85.69	-0.05
Rôda (Cairo)	19-3	15.86	+0.29	15.82	+0.25



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A depression now situated west of Siwa Oasis is approaching and will pass over Egypt.

Pressure is falling rapidly.

COLD FRONT — WARM FRONT

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

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

At 8 h. on 19th — الساعة ٨ يوم ١٩

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct. 1 mms	RAINFALL Normal from Oct. 1 mms
Limassol	02	6	04	2	2	7	—	13.9	-0.1	12	—	—	—	—	—	0	578	404
Haifa	03	—	10	1	—	8	—	14.4	+0.8	13.4	17	-5	11	+1	80	3	542	617
Gaza																		356
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 05 h. 59 m.
" " Sunset 18 h. 06 m.

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

DAILY WEATHER REPORT

Month *MARCH* 1939 ١٩٣٩ شهر مارس ٣٩-٣-٢٠

Isobars, Wind and Temperature at 8 h. *20-3-39*

At 14 h. on 19th ١٩ الساعة ١٤ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	HUMIDITY % UU
MEDITERRANEAN: SALUM	03	6	02	5	2	7	Sc	7.4	16.0	83
MATRUH	02	7	06	4	1	4	Sc	6.2	17.7	76
DIKHEILA	03	8	10	3	1	6	As	7.4	22.4	37
ALEXANDRIA	03	9	12	3	2	6	Sc	7.4	22.6	42
DAMIETTA										
PORT SAÏD	02	7	06	5	1	5	Ac	8.8	21.6	81
EL 'ARÎSH	02	7	32	2	1	4	As	10.0	21.8	51
MIDDLE EGYPT: DAMANHÛR										
MANSÛRA										
TANTA	03	7	08	3	2	8	Ns	7.1	23.0	69
ZAGÂZIG	01	6	04	2	1	3	Cc	7.9	23.8	41
CAIRO: ALMÂZA	50	8	16	3	5	8	St	6.8	23.3	45
EZBEKÎYA	50	7	18	4	5	7	Ns	7.2	23.7	30
GÎZA	50	6	16	3	5	7	Ns	6.4	24.2	26
HELWÂN	50	7	16	4	5	8	Ci	6.0	24.4	15
SUEZ	03	8	14	1	2	8	Sc	8.6	23.0	27
UPPER EGYPT: FAIYÛM	02	7	14	1	0	4	As	6.6	29.2	16
MINYA	02	7	16	4	1	4	Cs	6.6	27.7	22
ASYUT	00	7	12	3	1	0	—	7.8	27.4	33
QENA	02	8	10	4	1	4	Ac	9.3	29.8	22
LUXOR	03	6	18	3	2	8	Cu	9.4	30.2	25
ASWÂN	01	7	00	0	1	3	Cu	6.7	34.3	14
WESTERN DESERT: SÎWA	03	8	22	2	2	8	Cu	3.8	29.4	19
BAHARIYA	00	9	24	2	0	0	—	4.8	33.0	25
KHÂRGA	00	8	16	4	0	0	—	9.6	31.0	15
DAKHLA	18	5	12	6	3	5	Ac	8.7	32.4	62
RED SEA: TÛR	01	6	16	2	0	1	Ac	8.7	21.3	75
HURGHÂDA										
QUSEIR	02	7	04	2	1	5	As	11.2	23.1	61
PORT SUDAN										
NORTH SUDAN: WÂDI HALFA										
KAREIMA										
'ATBARA										
KHARTÛM										
KASSALA										
CENTRAL SUDAN: WAD MEDANI										
DUEIM										
RENK										
ROSEIRES										
EL OBEID										
EL FÂSHER										
GENEINA										
KADUGLI										
S. SUDAN: MALAKÂL										
WÂU										
JUBA										

At 8 h. on MONDAY 20th الاثنين ٢٠ الساعة ٨ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm. °C	Today Minimum °C mm	Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	STATION NUMBER
MEDITERRANEAN: SALUM	03	6	06	2	2	7	Cs	11.4	-4.5	14.4	17		13		75	0	80	—	130
MATRUH	03	7	04	3	2	6	As	11.4	-4.8	15.9	19	-1	14	+4	72	0	119	150	131
DIKHEILA	03	8	04	4	2	6	Cb	11.1	—	16.6	23	—	14	—	77	0	94	—	150
ALEXANDRIA	03	9	02	4	2	6	Sc	10.4	-5.2	17.1	23	+1	14	+1	73	0	165	176	132
DAMIETTA	02	8	30	3	1	4	As	9.4	—	16.5	22		15		82	0	70	98	159
PORT SAÏD	01	7	04	5	1	3	Ac	8.7	-5.6	17.1	22	+1	15	+1	87	0	63	69	134
EL 'ARÎSH	01	7	32	3	1	3	Ac	7.2	—	15.0	26		15		78	0	120	79	135
MIDDLE EGYPT: DAMANHÛR	01	7	02	2	1	4	Cs	10.4	-5.4	16.0	22	-3	12	+3	81	dz.	29	92	136
MANSÛRA	01	5	32	2	1	4	Ac	9.3	—	16.0	25	+1	12	+3	81	0	45	45	137
TANTA	03	7	04	3	2	7	As	10.0	-6.9	15.0	23	-2	12	+2	84	dz.	38	33	138
ZAGÂZIG	01	7	04	6	1	3	Cs	9.0	—	16.4	24	-1	11	+2	84	0	29	24	139
CAIRO: ALMÂZA	03	7	04	3	2	8	As	9.3	—	15.0	27	—	12		85	dz.	10	—	141
EZBEKÎYA	03	5	32	4	2	6	Cs	8.4	-7.0	15.1	27	+2	12	+1	83	dz.	12	22	—
GÎZA	03	5	02	2	2	8	Cs	8.8	-7.4	16.1	27	+3	11	+3	80	dz.	14	22	—
HELWÂN	05	6	32	4	2	5	Ci	7.9	-8.0	16.1	27	+3	13	+1	75	dz.	20	23	143
SUEZ	01	7	28	3	1	3	As	7.1	-8.5	17.5	24	0	15	+2	78	dz.	19	15	144
UPPER EGYPT: FAIYÛM	02	7	32	3	0	5	Cu	8.4	-8.0	16.2	30	+4	12	+2	77	0	tr.	7	153
MINYA	00	6	32	4	0	0	—	7.8	-8.5	16.0	29	+3	13	+3	72	0	4	—	154
ASYUT	01	5	20	3	0	2	Ci	7.5	-8.4	19.0	29	+2	16	+5	46	0	2	4	155
QENA	03	8	12	1	2	8	Cu	—	—	21.3	31	-1	16	+3	44	0	dz.	—	156
LUXOR	00	7	18	2	0	0	—	6.6	—	24.0	33		16		35	0	dz.	—	157
ASWÂN	00	7	00	0	0	0	—	6.7	-8.1	23.0	35	+4	16	+1	44	0	1	—	158
WESTERN DESERT: SÎWA	01	8	06	1	1	3	Cu	11.6	-4.7	17.0	31	+5	12	+3	79	0	6	7	148
BAHARIYA	00	9	00	0	0	0	—	10.4	—	15.0	34	—	12	—	78	0	0	—	149
KHÂRGA	00	8	00	0	0	0	—	9.1	-6.4	22.9	32	+2	15	+3	37	0	dz.	tr.	151
DAKHLA	00	6	28	1	0	0	—	8.2	-7.7	20.5	35	+5	15	+5	66	0	dz.	—	152
RED SEA: TÛR	01	5	16	2	0	2	Ci	5.3	-9.3	23.8	27	+2	18	+5	60	0	20	13	145
HURGHÂDA	02	6	12	1	2	5	As	5.3	-9.3	23.4	26	0	17	+4	88	0	1	—	146
QUSEIR	02	7	12	1	1	5	As	6.4	-7.4	23.0	24	-2	17	0	48	0	tr.	6	147
PORT SUDAN	00	—	32	1	0	0	—	9.5	-3.0	24.5	28	-1	22	+2	73	0	71	106	1 39
NORTH SUDAN: WÂDI HALFA	00	8	30	1	0	0	—	9.7	-4.8	20.7	35	+3	15	+2	20	—	—	—	165
KAREIMA	00	8	32	1	0	0	—	8.8	-3.8	23.0	36	0	17	0	25	0	0	1	166
'ATBARA	00	—	04	2	0	0	—	7.2	-4.3	24.0	36	0	17	-1	51	0	6	1	167
KHARTÛM	05	7	32	1	0	2	Ci	7.0	-2.9	23.2	39	+1	19	0	25	0	dz.	5	168
KASSALA	00	8	32	2	0	0	—	5.1	-3.8	25.9	38	0	17	-3	36	0	dz.	11	170
CENTRAL SUDAN: WAD MEDANI	00	—	04	5	0	0	—	5.6	-3.8	26.1	39	0	16	-3	23	0	2	13	171
DUEIM	00	—	—	3	0	0	—	7.0	-3.0	25.6	38	0	18	0	34	0	14	12	173
RENK																			182
ROSEIRES	00	—	26	1	0	0	—	3.6	-4.9	24.8	41	+1	19	-1	40	0	27	40	172
EL OBEID	02	8	30	2	1	5	Ci	7.5	-3.8	22.3	37	+1	17	+1	22	0	8	20	174
EL FÂSHER	00	—	02	2	0	0	—	—	—	16.9	36	0	10	-5	13	0	0	8	175
GENEINA	02	8	04	2	1	5	Cs	—	—	18.0	40	—	15	—	—	0	dz.	—	179
KADUGLI																			187
S. SUDAN: MALAKÂL	03	8	28	2	2	7	Cs	5.6	-3.7	28.9	39	0	23	+1	19	0	83	99	176
WÂU	00	—	24	3	0	0	—	4.5	-4.3	26.7	38	0	19	-2	57	0	107	169	177
JUBA	01	8	10	3	0	3	Ac	6.8	-3.0	27.3	36	-1	24	+2	63	0	249	168	178

UPPER WINDS ON 20th الرياح العليا يوم ٢٠

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

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 8 h. m.	CAIRO 8 h.30 m.	HELWÂN 8 h.30 m.	ASYUT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 5 h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 6 h. m.	JUBA 6 h. m.	Salum 19th 13 h. m.
02.05.10	02.05.25	02.04.30	02.04.30	02.03.30	02.33.15	02.19.20	03.34.05	06.36.10	06.05.45	06.06.05	07.01.30	06.35.35	06.23.15	02.05.20
05.07.20	05.05.25	05.04.30	05.04.45	05.05.40	05.33.45	05.23.30	06.31.15	10.33.10	10.04.45	10.05.20	10.04.35	10.35.40	10.22.15	03.05.15
10.03.15	10.05.10	10.02.25	10.03.35	08.05.40	10.30.40	10.23.50	10.27.10	15.31.15	15.02.30	15.10.05	15.04.35	15.35.45	15.21.25	Ent. Fs.
15.30.15	15.35.20			10.03.40		15.24.45	15.19.20	20.30.15	20.03.50	20.22.10	20.10.05	20.35.10	20.20.40	
20.29.25	20.29.25			15.01.40			20.30.10	30.31.15	30.03.30	30.23.20	30.33.10	30.08.10	30.23.10	
25.29.35	25.30.35			20.31.25			30.32.30	31.32.10	33.03.25		34.33.10	40.13.15	40.30.15	
30.28.35	30.30.35			23.29.30			36.31.40					50.13.05	50.29.55	
35.28.40				25.27.40									60.25.20	
40.27.50				29.27.50										
45.27.80														

Forecast for 24 hours from noon on 20th

Moderate to fresh northeasterly winds, veering to southeast in the western desert tomorrow.
Much cloud at times.
Rain on the coast probable.
Mild.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٠

رياح ما بين المعتدلة والشديدة نوعا شمالية شرقية تتحول
الى الجنوب الشرقي على الصحراء الغربية غدا
تكثر السحب في بعض الاوقات
ويحتمل أن تمطر على الساحل
ودرجة الحرارة معتدلة

STATION	Humidity % 19th	Humidity Diff. from normal	Wet Bulb Temp °C 19th	Wet Bulb Temp Diff. from normal
Alexandria	76	+11	14.0	+0.9
Ezbekiya	36	-20	13.7	+0.3
Giza	43	-15	13.4	+0.1
Helwân	16	-30	11.6	+0.3

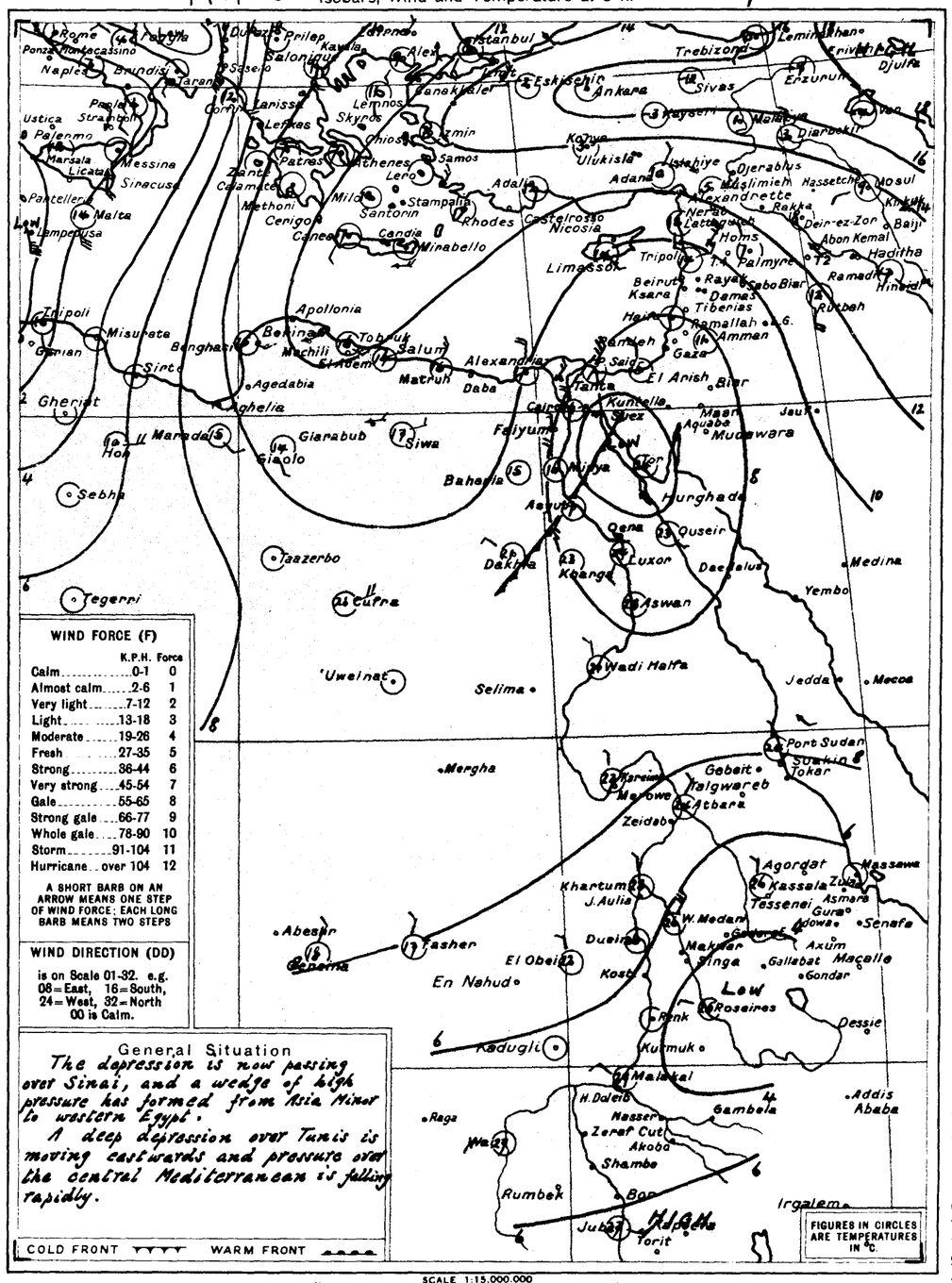
Giza Grass minimum on 20th 8.9 °C

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

DATE	1939	1938
20-3	868	870
19-3	869	868

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20-3	13.29	+0.03	13.28	+0.02
Nasser	19-3	5.35	+0.34	5.42	+0.40
Malakâl	20-3	10.49	+0.34	10.50	+0.34
Roseires	20-3	11.90	+0.53	11.93	+0.56
Sennar Res.	19-3	18.64	—	18.71	—
J. Aulia U.S	20-3	375.08	—	375.04	—
J. Aulia D.S	20-3	371.13	+0.12	371.13	+0.11
Khartûm	20-3	10.34	+0.15	10.33	+0.14
Kh. el Girba					
'Atbara	20-3	10.18	+0.16	10.17	+0.14
Kajnarti	19-3	132.48	+0.23	132.47	+0.22
Aswân Res.	20-3	120.75	—	120.77	—
Aswân D.S.	20-3	85.67	-0.04	85.68	-0.04
Roda (Cairo)	20-3	15.82	+0.26	15.86	+0.29

Printed by the Survey & Mines Dept. 1938 (38-554)



STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm. °C	Today Minimum °C mm	Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	10	7	12	1	0	0	—	9.8	-4.1	14	—	—	—	—	—	0	578	406
Haifa	00	—	10	2	—	0	—	8.7	-4.8	16.4	18	-4	10	0	43	0	542	618
Giza																		
Siwa 19th	03	7	26	1	2	8	Cu	12.0	-4.3	13.0	24	-2	11	+2	76	0	6	7
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h. 05 m. 58
" " Sunset h. 18 m. 07

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس

1417 F.C.

Region	STATION	14 h. on 20th: Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	8 h. on TUESDAY 21st: Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	01	8	04	3	1	4	Cc	11.2	16.0	69	03	6	12	4	2	7	Ac	3.2	-13.7	13.3	17	—	12	—	82	0	80	—	130
	MATRÛH	01	7	06	3	1	4	Cs	—	17.8	60	03	7	10	4	2	8	Sc	4.8	-11.4	14.3	18	-2	12	+1	71	0	119	150	131
	DIKHEILA	02	8	02	4	1	5	Cs	12.3	17.4	75	03	8	12	4	2	7	As	8.8	—	13.7	17	—	12	—	77	0	94	—	150
	ALEXANDRIA	02	9	04	3	2	5	Cc	11.5	19.0	64	03	8	08	6	2	6	Sc	8.2	-7.4	13.6	21	-1	12	-1	73	0	165	176	132
	DAMIETTA											02	8	10	3	1	5	Ac	10.3	—	16.0	18	—	13	—	78	0	70	98	159
	PORT SAÎD	01	7	02	5	1	3	Ac	10.4	20.3	75	02	7	06	5	1	4	Ac	10.2	-4.0	16.0	22	+1	14	0	83	0	63	69	134
	EL 'ARÎSH	00	7	32	3	1	0	—	9.6	19.1	67	01	7	12	1	1	3	Ci	11.5	—	15.0	20	—	9	—	68	0	120	80	135
LOWER EGYPT	DAMANHÛR											02	6	08	4	2	4	Cc	9.0	-6.8	14.0	22	-3	9	0	78	0	29	92	136
	MANṢURA											01	6	02	2	1	4	Ac	9.6	—	14.2	23	-2	9	0	77	0	45	46	137
	TANTA	02	7	32	2	1	5	Ns	9.9	23.0	44	03	6	04	4	2	7	As	9.0	-7.8	14.5	23	-2	9	-1	73	0	38	33	138
	ZAGÂZIG	01	7	04	3	1	3	Cc	10.3	22.4	50	01	7	04	1	1	3	Cs	9.3	—	14.9	24	-1	10	+1	77	0	29	24	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	03	8	02	4	2	6	Cs	9.9	22.7	37	03	7	04	3	1	7	Cs	8.8	—	18.0	23	—	11	—	41	0	10	—	141
	EZBEKIYA	02	8	32	2	2	5	Ci	9.1	23.2	45	03	5	04	1	2	6	Ac	8.4	-6.9	15.0	25	0	12	+1	68	0	12	22	—
	GÎZA	03	8	02	1	2	8	Ci	9.0	23.2	47	05	4	02	1	2	8	Cs	8.7	-7.4	15.5	24	0	11	+3	67	0	14	22	—
	HELWÂN	03	7	02	3	2	6	Ci	8.7	22.9	34	05	6	28	1	2	7	Cc	8.7	-7.1	14.1	24	-1	13	+1	67	0	20	23	143
	SUEZ	02	8	30	3	1	5	As	7.2	23.0	46	03	7	00	0	2	6	As	9.9	-5.7	14.7	24	0	11	-2	73	0	19	15	144
UPPER EGYPT	FAIYÛM	02	8	06	3	1	4	Cu	9.1	24.0	39	03	7	00	0	0	8	Sc	8.2	-8.1	15.0	25	-1	11	+1	66	0	tr.	7	153
	MINYA	02	7	32	4	1	4	As	8.3	24.7	40	02	5	04	2	1	5	As	7.4	-8.8	19.3	26	0	13	+2	52	0	4	—	154
	ASYÛṬ	03	6	22	3	2	7	Cs	8.3	25.2	33	03	6	14	3	1	6	Sc	8.0	-7.8	19.0	27	-1	16	+5	58	0	2	4	155
	QENA	02	8	22	4	2	5	Cu	6.2	33.0	23	02	8	04	1	1	4	Cu	9.1	-5.4	22.8	35	+3	17	+4	47	0	dr.	—	156
	LUXOR	03	6	24	2	2	8	Cu	6.4	32.8	27	02	7	02	2	2	5	Sc	8.8	—	24.0	34	—	16	—	39	0	dr.	—	157
	ASWÂN	00	5	24	3	0	0	—	3.8	36.6	12	00	6	00	0	0	0	—	8.6	-6.1	22.3	38	+6	20	+5	45	0	1	—	158
WESTERN DESERT	SÎWA	03	7	06	3	2	8	Cu	9.7	22.0	65	03	7	10	1	2	8	Sc	3.3	-12.9	17.4	25	-1	17	+8	75	0	6	7	148
	BAHARÎYA	02	9	00	0	1	4	—	9.5	25.0	28	02	9	00	0	1	4	—	7.2	—	18.0	26	—	16	—	53	0	0	—	149
	KHÂRGA	03	6	16	3	2	8	Ci	6.7	31.5	21	02	7	32	1	1	4	Ci	8.8	-6.6	21.3	33	+3	17	+5	33	0	dr.	tr.	151
	DÂKHLA	03	6	30	2	2	6	Ac	7.0	30.6	64	02	7	08	2	1	5	Cs	8.8	-7.0	21.8	32	+2	17	+7	65	0	dr.	—	152
RED SEA	TÔR	01	5	28	5	0	3	Cc	5.0	24.2	78	01	6	24	2	0	1	Ci	8.8	-5.7	20.0	26	+1	15	+2	77	0	20	13	145
	HURGHÂDA											02	6	28	2	2	5	As	9.5	-5.0	22.5	28	+2	18	+5	51	0	1	—	146
	QUṢEIR	12	5	24	2	2	5	As	5.4	34.5	18	02	6	28	1	1	5	As	10.3	-3.5	23.5	36	+10	19	+2	57	0	tr.	6	147
	PORT SUDAN	01	—	08	2	0	4	—	8	39	45	00	—	16	1	0	0	—	11.5	-1.0	26.9	31	+2	24	+4	76	0	71	106	169
NORTH SUDAN	WÂDI HALFA	01	8	02	2	2	4	—	99.9	37	10	00	7	20	1	0	0	—	9.2	-5.2	22.7	39	+6	17	+4	25	—	—	—	165
	KAREIMA											00	8	02	1	0	0	—	8.5	-4.0	26.2	39	+3	17	0	24	0	0	1	166
	'ATBARA	01	—	06	4	0	4	—	3	39	15	00	—	04	2	0	0	—	6.8	-4.6	27.0	39	+3	21	+3	23	0	6	1	167
	KHARTÛM											00	8	02	2	0	0	—	7.3	-2.5	25.7	40	+2	22	+3	24	0	dr.	5	168
	KASSALA											00	8	04	2	0	0	—	5.6	-3.2	25.4	40	+1	20	0	47	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	08	3	0	4	—	1	39	—	00	—	06	3	0	0	—	6.3	-3.0	25.6	40	+1	16	-3	28	0	2	13	171
	DUEIM	03	—	—	3	0	7	—	—	39	15	00	—	—	3	0	0	—	6.7	-3.2	26.8	40	+2	20	+2	37	0	14	12	173
	RENK	01	7	28	1	1	3	—	0.8	40	9										—								—	182
	ROSEIRES	03	—	30	1	0	7	—	98	41	15	00	—	14	1	0	0	—	3.2	-5.2	27.4	42	+2	19	-1	33	0	27	40	172
	EL OBEID	01	8	04	2	2	4	—	1.5	37	33	00	8	00	0	0	0	—	6.7	-4.6	24.9	38	+2	16	0	22	0	8	20	174
	EL FÂSHER	01	—	02	2	0	4	—	—	38	—	00	—	30	1	0	0	—	—	—	18.5	39	+3	13	-2	14	0	0	8	175
	GENEINA	01	8	00	0	2	4	Ac	—	39	50	00	8	04	1	0	0	—	—	—	18.0	41	—	18	—	—	0	tr.	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL	03	8	24	2	2	7	—	1.5	39	11	03	8	12	2	2	8	Cs	6.7	-2.6	28.0	39	0	21	-1	30	0	83	99	176
	WÂU	03	—	04	2	0	7	—	0	39	15	00	—	12	1	0	0	—	5.6	-3.2	23.5	39	+1	20	-1	52	0	107	169	177
	JÛBA	25	8	18	2	2	6	Ac,As	3.6	33	50	01	8	12	3	0	4	Ac	7.0	-2.8	26.6	36	-1	23	+1	63	2	251	169	178

UPPER WINDS (الرياح العليا)

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛṬ	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 20th
7h. m.	7h. m.	h. m.	8h. 30m.	8h. 30m.	7h. m.	7h. m.	7h. m.	7h. m.	6h. m.	5h. m.	6h. m.	7h. m.	6h. m.	13h. m.
02.13.15	02.12.60		05.16.25	02.14.05	02.14.25	02.16.05	03.07.05	06.06.15	06.03.40	06.08.05	07.03.30	06.18.10	06.02.15	02.04.15
05.15.85	05.13.65		10.20.15	05.15.30	05.15.35	05.11.10	06.06.50	10.06.20	10.04.35	10.05.25	10.03.45	10.24.05	10.04.30	05.09.20
10.19.35	09.16.50		15.22.25	08.18.15	08.24.15	10.35.20	10.08.15	15.05.20	15.04.50	15.02.30	15.05.45	15.10.10	15.02.15	10.13.25
	Ext. Sc		20.24.25	10.18.15	10.27.40	15.28.50	15.10.20	20.05.20	20.05.50	20.35.25	20.07.35	20.07.10	20.02.10	15.21.15
			25.25.35	15.22.15	15.27.80	20.30.25	20.20.10	30.03.25	30.07.25	30.31.10	30.22.15	30.05.15	30.30.15	20.24.20
			Ext. Ns	20.24.20	20.27.75	25.29.20	26.25.20	40.01.20	40.08.10			40.03.10	40.27.20	25.25.35
			Tail	23.24.35	Ext. Cu			42.01.20	50.08.10			45.06.20	50.24.35	27.25.30
				25.24.40										
				30.26.50										
				35.26.65										

Forecast for 24 hours from noon on 21st
On the coast fresh southeast winds, strengthening and reaching gale force at times.
Inland variable winds becoming moderate to fresh southeast.
Much cloud. Temperature well above normal. Khamsin conditions developing.
Further outlook: cooler within two days.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢١
على السواحل رياح شديدة نوعا جنوبية شرقية تشتد وتصل لقوة العاصفة أحيانا
وفي الداخل رياح مختلفة الاتجاه تتحول إلى جنوبية شرقية معتدلة ثم نشطة نوعا
تكاثر السحب وترتفع الحرارة فوق معدلها بكثير وتأخذ حالات الخماسين في التكوين ثم يميل الجو بعد ذلك للبرودة في ظرف يومين

STATION	Mean of day: Humidity % on 20th	Diff. from normal	Wet Bulb Temp. °C on 20th	Diff. from normal
Alexandria	72	+7	14.2	+1.1
Ezbekîya	63	+7	14.4	+0.9
Gîza	60	+2	15.3	+2.0
Helwân	56	+10	13.4	+2.0

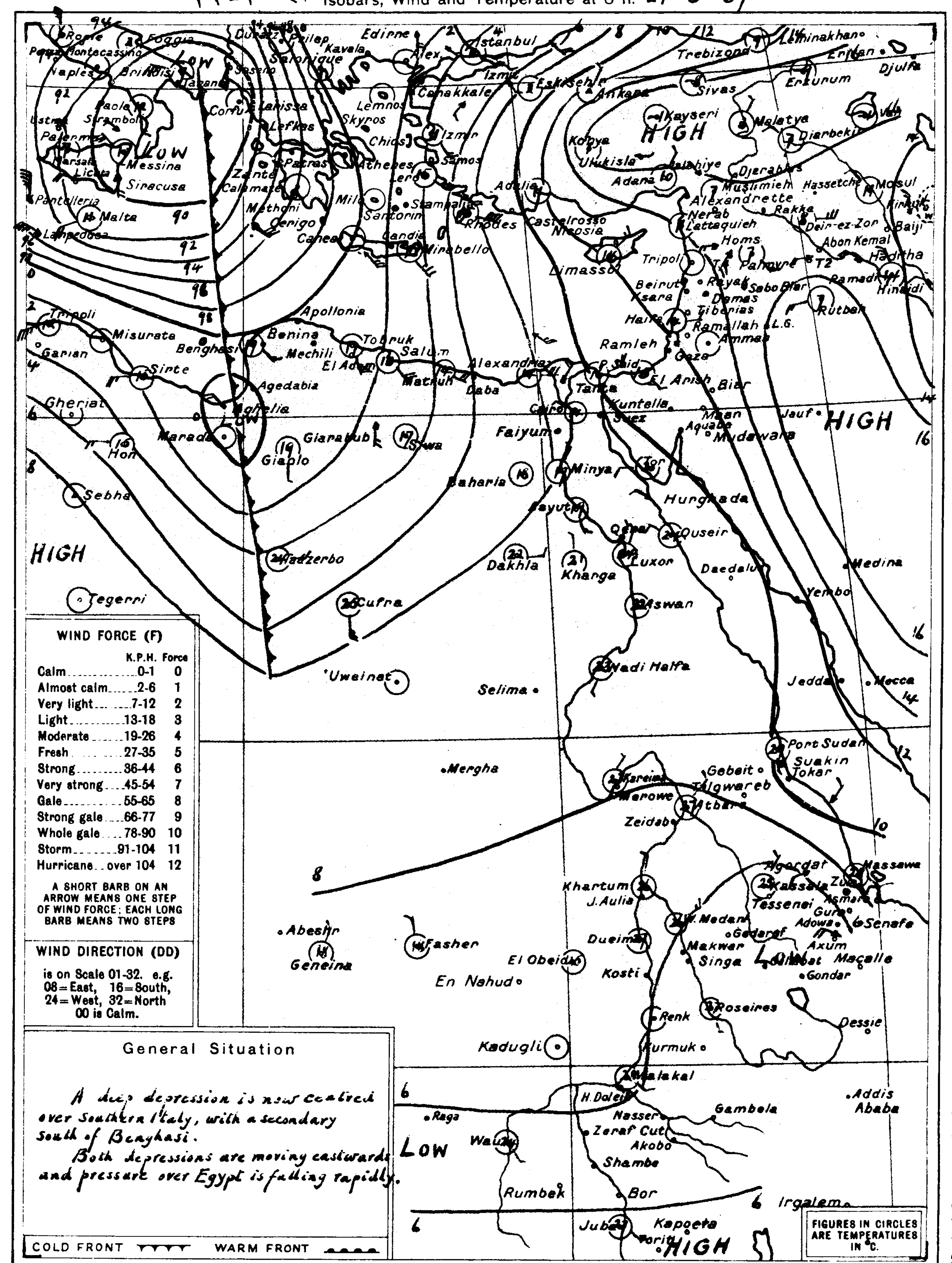
Gîza Grass minimum on 21st 5.4 °C

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

DATE	1939	1938
21-3	847	845
20-3	868	870

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-3	13.21	-0.05	13.29	+0.03
Nâsser	20-3	5.32	+0.31	5.35	+0.34
Malakâl	21-3	10.47	+0.32	10.49	+0.34
Roseires	21-3	11.87	+0.50	11.90	+0.53
Sennâr Res.	20-3	18.55	—	18.64	—
J. Aulia U.S	20-3	375.08	—	375.04	—
J. Aulia D.S	20-3	371.13	+0.12	371.13	+0.11
Khartûm	21-3	10.33	+0.14	10.34	+0.15
Kh. el Girba					
'Atbara	21-3	10.18	+0.17	10.18	+0.16
Kajnarti	20-3	132.45	+0.25	132.48	+0.25
Aswân Res.	21-3	120.72	—	120.75	—
Aswân D.S.	21-3	85.65	-0.05	85.67	-0.04
Rôda (Cairo)	21-3	15.82	+0.26	15.82	+0.26

Isobars, Wind and Temperature at 8 h. 21-3-39 ٢١-٣-٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

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

General Situation

A deep depression is now centred over Southern Italy, with a secondary South of Benghasi.
Both depressions are moving eastwards and pressure over Egypt is falling rapidly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms.

STATION محطة	8 h. on 21st: Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	04	3	0	2	—	12.4	-1.5	14	—	—	—	—	—	0	578	407
Haifa	01	—	08	2	—	3	—	13.4	-0.1	14.3	18	-4	7	-2	68	0	542	618
Gaza																		357
Gaza 19h	00	7	32	2	0	0	—	14.8	+4.4	13	—	—	8	-2	85	—	—	356
Gaza 20h	01	8	30	2	1	3	Cu	7.5	-6.7	16	—	—	11	+1	85	Rain	—	356

SHIPS سفن
33322 – 30006 – 10502 – 07901 – 31073 – 51301 – 26301
33343 – 23306 – 12501 – 94700 – 30303 – 64300 – 16387.

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h. 05 m. 57
" " Sunset h. 18 m. 07

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس

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

Region	STATION	14h Present Weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past Weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. Press. M.S.L. 1000+ mbs. (PPP)	14h Temp. °C (TTT)	14h % Humidity (UU)	8h Present Weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past Weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	8h M.S.L. 1000+ mbs. (PPP)	8h Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	33	2	18	7	3	8	As	96.6	25.6	22	00	7	24	7	5	0	—	4.1	-12.8	9.9	27	—	8	—	75	dr.	80	—	130
MEDITERRANEAN	MATRÛH	03	6	10	3	2	8	Sc	99.5	23.3	31	00	7	24	4	0	0	—	4.0	-12.1	12.8	26	+5	10	-1	66	1	120	151	131
MEDITERRANEAN	DIKHEILA	03	7	12	5	2	8	As	3.4	22.6	35	02	7	22	5	2	5	Ci	5.6	—	15.5	26	—	13	—	59	dr.	94	—	150
MEDITERRANEAN	ALEXANDRIA	03	8	12	6	2	8	As	3.1	21.0	43	03	9	20	7	2	7	Ac	4.8	-10.7	15.0	25	+3	15	+2	60	0	165	177	132
MEDITERRANEAN	DAMIETTA											02	7	20	4	2	4	As	4.2	—	16.5	21	—	16	—	79	dr.	70	98	159
MEDITERRANEAN	PORT SAÎD	03	7	06	6	1	7	Cu	6.0	17.8	82	03	5	20	5	3	8	Cu	4.0	-10.2	16.5	23	+2	16	+2	87	1	64	69	134
MEDITERRANEAN	EL 'ARÎSH	03	7	32	2	1	8	As	10.3	21.8	59	60	7	12	3	6	8	Cu	—	—	17.0	27	—	10	—	90	—	120	80	135
LOWER EGYPT	DAMANHÛR											01	6	20	4	3	3	Cc	5.3	-10.4	15.3	22	-3	13	+3	58	0	29	93	136
LOWER EGYPT	MANSÛRA											02	4	18	2	1	4	As	4.6	—	15.5	25	0	14	+4	83	1	46	46	137
LOWER EGYPT	TANTA	03	6	12	4	2	8	As	4.0	24.0	42	03	6	22	4	2	8	As	6.6	-10.2	14.0	24	-1	14	+4	62	2	40	33	138
LOWER EGYPT	ZAGÂZIG	01	7	14	2	1	3	Cs	4.4	26.9	35	03	4	20	4	2	8	Sc	6.0	—	15.4	27	+2	14	+5	83	2	31	24	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	05	6	18	1	2	8	As	7.0	26.9	19	51	5	22	3	6	8	Ns	7.0	—	14.8	26	—	14	—	58	8	18	—	141
MIDDLE EGYPT (CAIRO)	EZBEKÎYA	03	7	16	1	2	7	As	4.0	24.3	37	22	4	20	2	6	7	Ns	6.2	-9.0	15.0	24	-1	14	+3	60	11	23	22	—
MIDDLE EGYPT (CAIRO)	GÎZA	03	7	16	1	2	8	As	4.2	23.2	42	60	5	26	1	6	8	Ns	6.3	-9.7	13.4	24	-1	13	+5	80	9	23	22	—
MIDDLE EGYPT	HELWÂN	03	7	12	4	2	8	Sc	4.0	24.9	22	67	4	24	3	6	8	Cb	7.5	-8.3	13.9	26	+1	13	+1	78	6	26	23	143
MIDDLE EGYPT	SUEZ	03	7	20	2	2	8	As	6.0	20.5	62	50	6	12	1	2	8	Ns	5.8	-9.7	17.9	22	-2	14	+1	87	6	25	15	144
UPPER EGYPT	FAIYÛM	03	6	18	1	2	8	As	5.4	22.5	45	03	6	26	1	2	8	Cb	8.7	-7.5	13.8	25	-1	13	+3	69	7	7	7	153
UPPER EGYPT	MINYA	03	7	12	2	2	8	As	5.4	27.8	35	20	4	32	4	5	8	As	8.2	-7.9	16.2	29	+3	16	+5	55	dr.	4	—	154
UPPER EGYPT	ASYÛT	02	6	04	2	2	5	Sc	5.8	30.0	45	00	6	22	2	0	0	—	6.0	-9.7	23.7	33	+5	19	+8	55	0	2	4	155
UPPER EGYPT	QENA	02	8	10	4	2	5	Cu	6.3	33.6	27	02	7	08	4	1	5	Sc	2.7	-11.7	27.1	36	+4	21	+8	45	0	dr.	—	156
UPPER EGYPT	LUXOR	03	6	14	3	2	8	Cu	5.6	36.2	26	03	6	12	2	2	6	Cu	3.6	—	27.5	37	—	20	—	38	0	dr.	—	157
UPPER EGYPT	ASWÂN	00	7	00	0	0	0	—	3.9	39.0	17	00	7	02	1	0	0	—	1.9	-12.7	25.6	41	+9	22	+7	26	0	1	—	158
WESTERN DESERT	SÎWA	03	7	10	1	2	8	Sc	0.2	—	59	14	8	26	3	0	0	—	4.5	-11.6	15.0	32	+6	10	+1	76	dr.	6	7	148
WESTERN DESERT	BAHARÎYA	02	9	00	0	1	4	—	4.8	30.0	21	03	9	24	1	2	6	—	9.0	—	13.0	32	—	12	—	66	1	1	—	149
WESTERN DESERT	KHÂRGA	00	7	00	0	0	0	—	5.9	36.5	16	03	6	32	5	2	6	Cc	4.7	-10.7	26.9	38	+8	21	+9	29	0	dr.	tr.	151
WESTERN DESERT	DÂKHLA	03	5	14	5	2	8	Cc	4.2	36.2	22																		—	152
RED SEA	TÔR	01	6	16	2	0	4	Ns	6.8	23.8	73	03	5	32	2	1	7	Ns	5.8	-8.7	22.8	25	0	18	+5	76	0	20	13	145
RED SEA	HURGHÂDA																													146
RED SEA	QUSEIR	02	6	04	2	1	5	As	8.8	23.0	81	03	6	00	0	2	6	Sc	5.5	-8.2	24.4	25	-1	19	+2	80	0	tr.	6	147
RED SEA	PORT SUDAN	01	—	08	4	0	—	—	0.9	29	75	00	—	08	2	0	0	—	9.8	-2.6	27.0	30	+1	25	+5	78	0	71	106	1 9
NORTH SUDAN	WÂDI HALFA	01	8	10	2	0	3	—	3.4	40	9	01	8	16	3	3	3	Cs	4.4	-9.9	29.2	41	+8	24	+11	14	—	—	—	165
NORTH SUDAN	KAREIMA	01	8	00	0	2	4	—	4.9	41	2	00	8	30	2	0	0	—	6.0	-6.4	24.8	41	+5	20	+2	28	0	0	1	166
NORTH SUDAN	'ATBARA	01	—	04	5	0	—	—	—	41	—	00	—	08	2	0	0	—	6.2	-5.1	28.8	41	+5	22	+4	24	0	6	1	167
NORTH SUDAN	KHARTÛM	01	8	04	4	2	4	—	1.5	42	2	05	7	04	1	0	0	—	4.4	-5.3	26.6	42	+4	23	+4	31	0	dr.	5	168
NORTH SUDAN	KASSALA	00	8	06	2	0	0	—	6.5	40	2	00	8	02	3	0	0	—	3.4	-5.3	28.5	41	+2	21	+1	46	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	02	3	0	—	—	—	41	75	00	—	08	3	0	0	—	4.2	-5.0	28.1	42	+3	20	+1	48	0	2	13	171
CENTRAL SUDAN	DUEIM	01	—	28	2	0	—	—	0.2	40	15	00	—	—	3	0	0	—	5.0	-4.8	27.8	41	+3	23	+5	35	0	14	12	173
CENTRAL SUDAN	RENK	00	8	32	2	0	0	—	1.0	41	60																		—	182
CENTRAL SUDAN	ROSEIRES	01	—	20	1	0	—	—	0.6	43	15	00	—	14	1	0	0	—	2.8	-5.6	29.2	43	+3	22	+2	27	0	27	40	172
CENTRAL SUDAN	EL OBEID	00	9	28	2	0	0	—	—	38	4	00	8	00	0	0	0	—	4.7	-6.5	27.0	40	+4	17	+1	26	0	8	20	174
CENTRAL SUDAN	EL FÂSHER	01	—	18	2	0	—	—	—	40	—	00	—	32	2	0	0	—	—	—	21.1	42	+6	13	-3	14	0	0	8	175
CENTRAL SUDAN	GENEINA											00	8	08	1	0	0	—	—	—	16.8	41	—	13	—	—	0	dr.	—	179
CENTRAL SUDAN	KADUGLI	00	8	12	5	1	0	—	0.3	41	22																		—	187
S. SUDAN	MALAKÂL	03	8	28	2	2	8	—	6.3	38	15	01	8	30	1	0	2	Ac	4.6	-4.7	28.0	40	+1	23	+1	45	0	83	99	176
S. SUDAN	WÂU	02	—	22	1	1	—	—	0.6	39	15	00	—	20	2	0	0	—	4.0	-4.8	29.8	40	+2	23	+2	48	0	107	170	177
S. SUDAN	JÛBA	01	7	30	2	0	2	Cu	5.6	33	19	02	8	08	2	1	5	Sc	7.2	-2.7	25.4	37	0	23	+1	84	15	264	170	178

UPPER WINDS — الرياح العليا يوم ٢٢

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

SALÛM 7h. m.	MATRÛH 7h. m.	DIKHEILA h. m.	CAIRO 8h. 30m.	HELWÂN 9h. m.	ASYÛT 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 4h. m.	KAREIMA 4h. m.	KHARTÛM 6h. m.	KASSALA 6h. m.	EL OBEID 6h. m.	MALAKÂL 6h. m.	JÛBA 6h. m.	Salum 21st 13h. m.
02.27.40	02.27.65		02.26.40	02.24.25	02.33.25	02.19.10	03.16.25	06.02.15	06.07.25	06.09.05	07.07.20	06.10.30	06.21.15	02.16.25
04.27.—	05.28.60		05.27.35	05.26.45	05.33.30	05.17.60	06.17.45	10.02.15	10.07.20	10.16.15	10.08.20	10.21.25	10.22.15	05.19.40
05.29.70			Ext. Ns	08.26.40	10.33.40	10.19.80	10.19.35	15.36.20	15.01.15	15.05.15	15.09.10	15.22.15	15.21.25	10.24.35
10.29.55				10.25.45			15.21.45	20.34.20	20.35.05	20.29.10	20.17.10	20.30.05	20.20.20	15.23.60
							19.22.45	21.34.20	30.27.20	30.15.10	30.25.15	30.05.25	23.19.15	18.23.50
									40.08.15	40.18.05	40.10.20	40.09.30		
									50.11.35	50.05.25	45.11.45	45.10.45		
									60.08.15	60.03.30				
									70.31.40	70.35.35				
									80.29.10	80.31.25				

Forecast for 24 hours from noon on 22nd

Westerly winds, on the coast strong or of gale force, moderating somewhat tomorrow; inland fresh to strong, moderating tomorrow.
Some low cloud.
Light showers near the coast. Conditions unsettled, but improving. Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٢
رياح غربية تكون شديدة و قوة العاصفة على السواحل ثم تضعف نوعا غدا وتكون شديدة نوعا الى شديدة في الداخل ثم تقل سرعتها أيضا باكر
ظهور بعض السحب المنخفضة وتمطر خفيفا بالقرب من السواحل
وحالة الجو غير مستقرة ولكنها آخذة في التحسن مع برودة الجو

STATION	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp. °C on 21st	Diff. from normal
Alexandria	60	-5	14.0	+0.8
Ezbekîya	57	+2	14.7	+1.1
Gîza	60	+3	14.3	+0.9
Helwân	47	+2	13.3	+1.8

Gîza Grass minimum on 22nd 11.3°C

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

DATE	1939	1938
22-3	845	846
21-3	847	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22-3	13.22	-0.04	13.21	-0.05
Nâsser	21-3	5.27	+0.25	5.32	+0.31
Malakâl	22-3	10.45	+0.31	10.47	+0.32
Roseires	22-3	11.85	+0.48	11.87	+0.50
Sennâr Res.	21-3	18.47	—	18.55	—
J. Aulia U.S	21-3	375.12	—	375.08	—
J. Aulia D.S	21-3	371.10	+0.09	371.13	+0.12
Khartûm	21-3	10.33	+0.14	10.34	+0.15
Kh. el Girba					
'Atbara	22-3	10.19	+0.18	10.18	+0.17
Kajnarti	21-3	132.43	+0.25	132.45	+0.25
Aswân Res.	22-3	120.72	—	120.72	—
Aswân D.S.	22-3	85.63	-0.06	85.65	-0.05
Rôda (Cairo)	22-3	15.82	+0.27	15.82	+0.26

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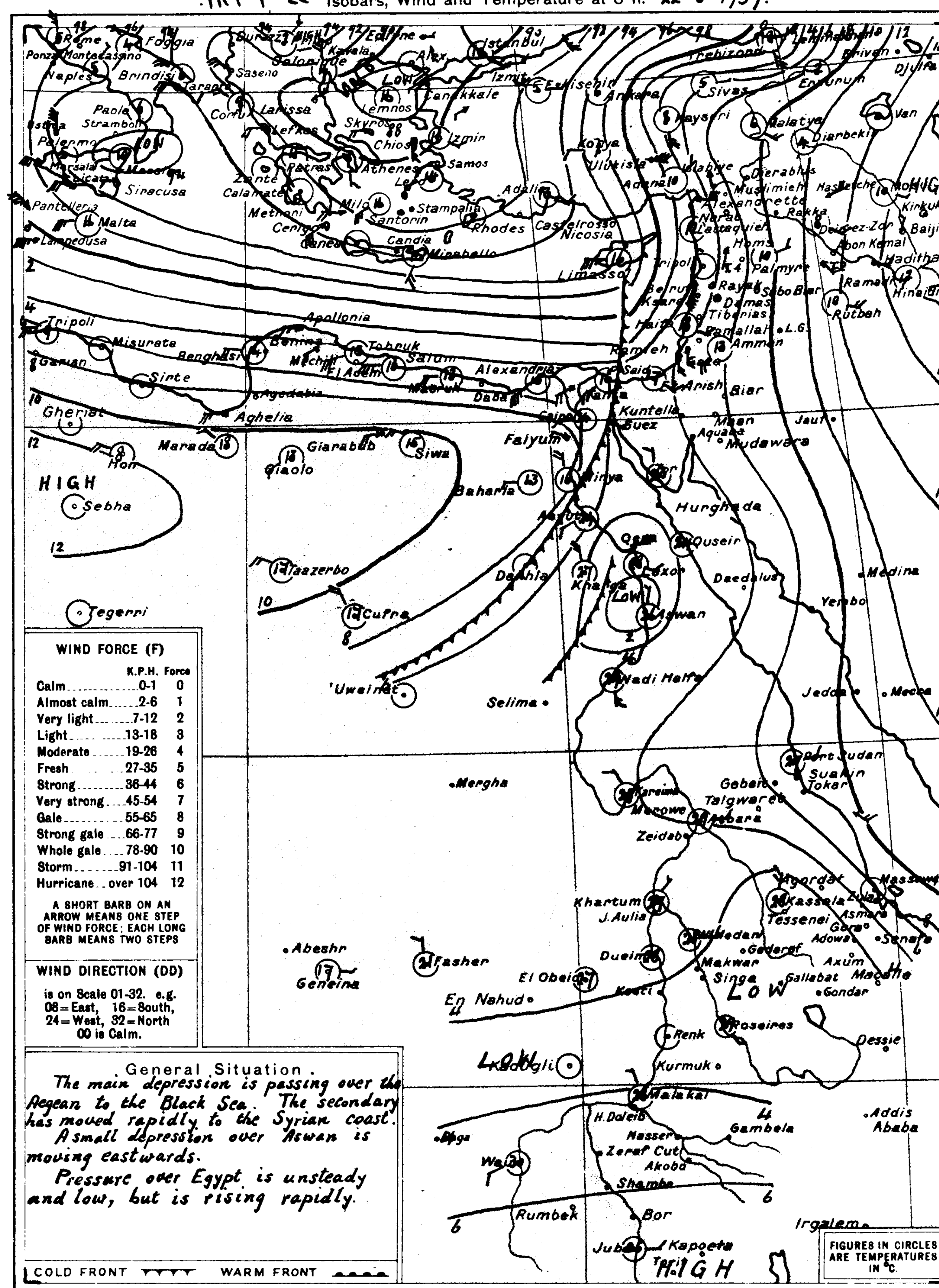
.١٩٣٩-٣-٢٢ Isobars, Wind and Temperature at 8 h. 22-3-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation.

The main depression is passing over the Aegean to the Black Sea. The secondary has moved rapidly to the Syrian coast.
A small depression over Aswan is moving eastwards.
Pressure over Egypt is unsteady and low, but is rising rapidly.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms.

At 8 h. on 22nd — الساعة ٨ يوم ٢٢

STATION محطة	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	50	6	24	7	6	4	—	995.6	-18.3	16	—	—	—	—	—	8	586	408
Haifa	03	—	10	2	—	8	—	5.0	-8.4	18.4	23	0	14	+3	69	0.	542	619
Gaza	03	2	16	3	6	8	As	6.7	-7.6	16	—	—	9	-1	85	rain	—	358
SHIPS سفن																		

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.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h. 05 m. 55
" " Sunset h. 18 m. 08

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1939 — شهر مارس ١٩٣٩ — ٢٩-٢-٢٢

At 14 h. on 22nd — الساعة ١٤ يوم ٢٢ | At 8 h. on THURSDAY 23rd — الساعة ٨ يوم الخميس ٢٣

Region	STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	18	5	24	7	1	5	St	3.8	18.0	22	01	6	18	8	1	2	Ci	3.7	-13.2	9.1	21	—	7	—	70	0	80	—	130
	MATRÛH	00	7	26	4	0	0	—	4.2	16.8	63	01	7	22	4	1	3	St	4.4	-11.7	12.6	21	0	9	-2	57	0	120	151	131
	DIKHEILA	01	8	26	5	1	1	Ci	6.4	17.0	57	05	7	20	3	0	0	—	6.3	—	13.1	19	—	9	—	34	0	94	—	150
	ALEXANDRIA	00	9	20	6	0	0	—	6.0	18.5	53	00	9	20	3	0	0	—	5.6	-9.9	13.8	23	+1	12	-1	49	0	165	177	132
	DAMIETTA											00	7	18	3	0	0	—	6.0	—	14.6	22	—	9	—	72	0	70	99	159
	PORT SAÎD	01	6	26	5	2	2	Ac	5.1	21.1	73	00	9	18	5	0	0	—	5.9	-8.2	15.8	23	+1	12	-2	86	0	64	69	134
	EL 'ARÎSH	04	5	20	2	6	8	As	6.4	18.8	67	00	7	00	0	0	0	—	9.3	—	15.4	20	—	10	—	67	10	130	81	135
LOWER EGYPT	DAMANHÛR											00	6	22	3	0	0	—	6.3	-9.4	13.2	22	-3	10	0	46	0	29	93	136
	MANSÛRA											00	8	16	1	0	0	—	6.2	—	12.8	23	-2	8	-2	62	0	46	46	137
	TANTA	02	7	20	5	1	4	Ci	5.6	22.5	34	00	7	20	3	0	0	—	6.8	-10.0	13.0	23	-2	9	-1	55	0	40	33	138
	ZAGÂZIG	02	7	20	4	1	4	Cc	4.4	21.9	36	00	7	20	3	0	0	—	7.1	—	14.4	22	-3	7	-2	70	0	31	24	139
MIDDLE EGYPT	CAIRO ALMÂZA	01	7	24	4	2	4	Cs	6.6	20.4	29	05	6	20	3	0	0	—	7.6	—	14.3	21	—	10	—	54	0	18	—	141
	CAIRO EZBEKIYA	01	7	20	3	5	4	As	6.3	21.8	31	05	5	16	4	0	0	—	7.4	-7.8	14.0	24	-1	11	0	65	dr.	23	22	—
	CAIRO GÎZA	01	8	26	3	5	3	Ac	5.6	22.0	35	05	5	18	1	0	0	—	7.5	-8.4	12.2	23	-2	10	+2	82	dr.	23	22	—
	HELWÂN	05	6	22	4	5	3	Ac	6.4	19.2	40	05	5	10	2	0	0	—	7.4	-8.3	13.5	24	-1	10	-2	51	tr.	26	24	143
	SUEZ	03	7	28	2	2	8	As	6.7	19.3	46	00	6	10	1	0	0	—	7.4	-8.1	14.5	22	-3	10	-3	79	2	27	15	144
UPPER EGYPT	FAIYÛM	01	8	30	2	1	4	Cu	7.1	21.0	35	00	7	18	1	0	0	—	8.4	-7.7	12.8	23	-4	8	-2	55	dr.	7	7	153
	MINYA	03	6	30	3	5	8	As	7.8	15.0	60	00	5	20	1	1	0	—	8.7	-7.4	14.8	16	-11	11	0	53	dr.	4	—	154
	ASYÛT	02	5	22	4	1	4	Ci	7.8	21.1	34	00	6	22	3	0	0	—	9.0	-6.6	17.1	24	-4	12	+1	46	0	2	4	155
	QENA	03	4	22	5	2	6	Sc	1.4	32.3	33	03	7	24	3	2	8	Sc	8.0	-6.3	18.2	36	+3	14	+1	54	0	dr.	—	156
	LUXOR	03	6	24	3	2	8	As	1.9	33.0	34	02	6	30	2	2	5	Ac	8.2	—	19.0	37	—	12	—	46	0	dr.	—	157
	ASWÂN	29	5	18	5	0	0	—	99.4	38.8	11	00	6	02	3	0	0	—	5.0	-9.4	19.0	39	+7	17	+2	20	0	1	—	158
WESTERN DESERT	SÎWA	12	8	26	6	1	0	—	7.6	21.2	48	00	8	26	3	1	0	—	9.4	-6.7	11.9	22	-4	6	-3	77	0	6	7	148
	BAHARÎYA	02	9	24	1	1	4	—	8.4	20.0	21	00	9	00	0	0	0	—	9.6	—	12.5	21	—	7	—	28	0	1	—	149
	KHÂRGA	18	4	04	6	0	0	—	5.0	28.0	28	00	8	00	0	0	0	—	10.2	-5.1	16.8	28	-2	12	0	35	0	dr.	tr.	151
	DÂKHLA	13	4	30	4	0	0	—	7.8	22.0	28	05	4	24	1	1	4	Ci	11.1	-4.5	14.6	23	-7	10	-1	51	0	dr.	—	152
RED SEA	TÔR	02	5	28	2	2	5	Ns	2.6	25.5	76	01	5	32	4	2	4	Ns	5.8	-8.6	20.0	26	+1	17	+4	55	0	20	13	145
	HURGHÂDA											12	5	30	6	2	8	Sc	5.8	-8.6	19.7	26	0	17	+4	50	0	1	—	146
	QUṢEIR	02	7	08	2	1	5	As	4.2	24.5	92	02	6	32	3	1	5	As	5.4	-8.3	22.0	26	0	17	-1	88	0	tr.	6	147
	PORT SUDAN	02	—	12	2	2	5	—	7	29	75	00	—	16	1	0	0	—	5.6	-6.7	27.8	31	+2	25	+5	71	0	71	107	169
NORTH SUDAN	WÂDI HALFA	02	8	22	6	0	4	—	99.9	41	11	00	7	30	4	3	0	—	8.9	-5.2	19.1	43	+10	17	+3	23	—	—	—	165
	KAREIMA	00	8	14	2	0	0	—	0.9	40	14	05	7	00	0	0	0	—	3.7	-8.6	24.8	42	+6	20	+2	22	0	0	1	166
	'ATBARA	01	—	16	2	0	4	—	—	42	10	00	—	16	2	0	0	—	3.5	-7.7	30.4	42	+6	21	+3	17	0	6	1	167
	KHARTÛM	05	7	28	2	0	0	—	98.4	45	13	05	5	12	2	0	2	Ci	3.5	-6.1	27.5	45	+6	24	+5	17	0	dr.	5	168
	KASSALA	01	8	04	1	0	1	—	—	—	—	01	8	32	2	0	1	Ac	1.9	-6.8	31.7	44	+5	25	+5	33	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	30	3	0	4	—	98	41	25	00	—	10	3	0	0	—	2.8	-6.3	30.1	43	+4	20	+1	40	0	2	13	171
	DUEIM	01	—	32	2	0	4	—	0	41	25	00	—	—	3	0	0	—	4.2	-5.6	32.4	44	+5	25	+7	33	0	14	12	173
	RENK	00	7	28	1	0	0	—	99.2	41	14								—											182
	ROSEIRES	01	—	30	3	0	4	—	99	43	25	00	—	16	1	0	0	—	1.0	-7.3	32.8	44	+4	24	+4	30	0	27	40	172
	EL OBEID	00	8	08	1	0	0	—	98.6	40	15	01	8	00	0	0	4	Ac	3.9	-7.2	28.2	41	+5	22	+6	12	0	8	20	174
	EL FÂSHER											00	—	30	2	0	0	—	—	—	24.9	43	+7	16	0	20	0	0	8	175
	GENEINA	03	8	28	2	1	6	—	—	40	—	17	6	08	1	1	5	Cs	—	—	21.7	42	—	18	—	—	0	dr.	—	179
	KADUGLI	18	4	20	2	0	0	—	99.8	42	14																		—	187
S. SUDAN	MALAKÂL	01	8	22	3	1	4	Cu	99.6	40	22	03	8	16	5	2	8	Ac	4.7	-4.6	31.1	40	+1	26	+4	45	0	63	99	176
	WÂU											02	—	20	3	1	4	—	5.3	-3.5	27.5	41	+3	26	+5	57	0	107	171	177
	JÛBA	03	5	18	4	2	8	Sc	2.9	36	53	28	5	32	1	8	5	Sc	9.0	-0.9	25.0	35	-2	23	+1	84	dr.	266	171	178

UPPER WINDS — الرياح العليا ٢٣

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 5 h.	KAREIMA 7 h.	KHARTÛM 6 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKÂL 6 h.	JÛBA 6 h.	Salum 22nd 13 h.
02.21.55	02.26.55	02.25.40	02.21.25	02.25.15	02.28.15	02.35.20	03.01.30	06.36.10	06.01.25	06.04.20	07.28.15	06.18.35	06.24.10	02.26.50
05.26.85	05.26.55	05.25.40	05.26.35	05.21.20	05.32.35	05.34.40	06.01.50	10.33.10	10.34.25	10.02.30	10.26.20	10.17.55	10.25.05	05.25.75
10.26.70	10.26.70	10.25.50	10.24.40	08.25.30	10.30.35	10.34.30	10.01.35	15.31.15	15.31.15	15.02.20	15.28.10	15.19.35		10.25.65
15.26.75	End. St.	16.26.40	15.23.40	10.24.35	15.30.35	15.33.35	14.24.20	20.30.15	20.29.20	20.03.20	20.29.10	20.22.25		14.27.40
20.25.90				15.24.40				30.31.15	30.22.30	30.12.05	30.28.10	30.34.10		
23.25.120				19.24.40				31.32.10	40.19.50	40.17.05		40.03.25		
									50.18.55	50.17.10		50.09.45		
									60.15.05	60.14.25		56.10.50		
									63.31.10					

Forecast for 24 hours from noon on 23rd

Westerly winds, very strong on the coast, fresh to strong inland.
Clear at first, some low cloud later.
Possibility of light rain on the coast tomorrow.
Mild today, cooler tomorrow.
Further outlook: cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٣ الرسمية
رياح غربية شديدة جداً على الساحل وما بين المتوسطة والشديدة في الداخل
السماء صحو في الابتداء ثم يظهر بعض السحاب المنخفض فيما بعد ويحتمل انه تمطر خفيفاً على الساحل غداً
والطقس معتدل اليوم ثم يبرد غداً ويستمر بعدها مائلاً للبرودة

STATION	Mean of day Humidity % on 22nd	Humidity Diff. from normal	Wet Bulb Temp °C on 22nd	Wet Bulb Diff. from normal
Alexandria	62	-3	12.3	-0.9
Ezbekiya	49	-6	11.7	-2.0
Giza	68	+11	12.0	-1.5
Helwân	68	+23	12.1	+0.5

Giza Grass minimum on 23rd 6.4 °C

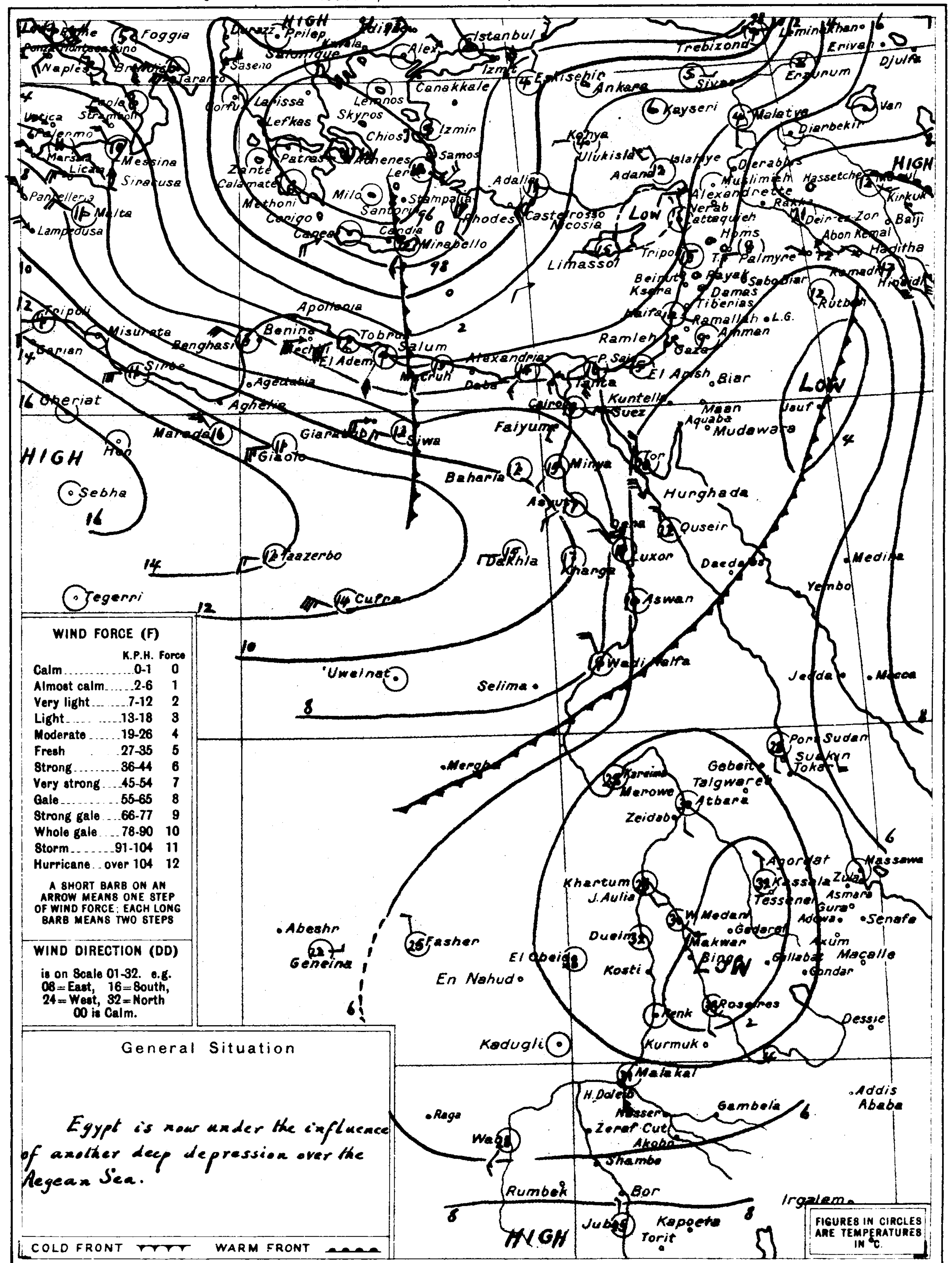
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
23-3	845	845
22-3	845	846

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23-3	13.28	+0.02	13.22	-0.04
Nâsser	22-3	5.23	+0.20	5.27	+0.25
Malakâl	23-3	10.42	+0.28	10.45	+0.31
Roseires	22-3	11.85	+0.48	11.87	+0.50
Sennâr Res.	22-3	18.34	—	18.47	—
J. Aulia U.S	22-3	375.14	—	375.12	—
J. Aulia D.S	22-3	371.09	+0.10	371.10	+0.09
Khartûm	23-3	10.32	+0.13	10.32	+0.13
Kh. el Girba					
'Atbara	22-3	10.19	+0.18	10.18	+0.17
Kajnarti	22-3	132.40	+0.25	132.43	+0.25
Aswân Res.	23-3	120.66	—	120.72	—
Aswân D.S.	23-3	85.63	-0.05	85.63	-0.06
Rôda (Cairo)	23-3	15.82	+0.27	15.82	+0.27

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h 23-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

Egypt is now under the influence of another deep depression over the Aegean Sea.

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 23rd — الساعة ٨ يوم ٢٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.
Limossol	02	5	24	2	2	5	—	3.1	-10.7	15	—	—	—	—	—	1	587	409
Haifa	00	—	10	1	—	0	—	7.0	-6.4	14.5	22	-1	10	-1	65	3	545	620
Gaza																		354
Hurghada 22nd	04	5	12	2	2	8	As	5.1	-9.4	23.2	26	0	20	+7	85	0	1	—
Dakhla 22nd	14	3	30	5	3	0	—	8.6	-7.1	20.0	37	+7	20	+9	32	0	dr	—

SHIPS سفن
53191 - 39006 - 13400 - 06982 - 613X0 - 37000.
53329 - 30606 - 22200 - 05862 - 61929 - X2100.

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 05 h 54 m
Time of Sunset 18 h 09 m

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

DAILY WEATHER REPORT

Month MARCH, 1939 ١٩٣٩ شهر مارس

١٩٣٩ - ٣ - ٢٤

STATION	14h 23rd (الساعة ١٤ يوم ٢٣) Present Weather ww	V	Wind DD	F	Past Weather W	Cloud Amount N	Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	8h FRIDAY 24th (الساعة ٨ يوم الجمعة ٢٤) Present Weather ww	V	Wind DD	F	Past Weather W	Cloud Amount N	Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																														
SALUM	34	0	26	8	3	9	—	5.0	16.0	32	00	8	26	4	0	0	—	12.5	-4.4	8.0	17	—	5	—	79	1	81	—	130
MATRUH	30	0	22	6	4	9	—	4.2	18.1	31	00	7	24	3	0	0	—	12.8	-3.2	12.3	18	-3	8	-3	58	0	120	152	131
DIKHEILA	05	6	24	7	1	4	Sc	6.6	19.3	30	05	6	20	4	1	3	Sc	14.0	—	14.0	20	—	10	—	58	0	94	—	150
ALEXANDRIA	01	9	20	7	0	3	Ac	6.4	18.3	37	01	9	20	5	2	3	Ac	13.9	-1.5	15.5	19	-3	11	-2	61	0	165	177	132
DAMIETTA											01	8	24	2	1	3	Ac	13.4	—	13.2	21	—	8	—	88	0	70	99	159
PORT SAID	01	7	26	5	1	3	Ac	6.0	21.1	66	02	7	20	5	1	4	Ac	13.9	-0.2	13.8	21	-1	12	-2	87	0	64	70	134
EL ARISH	62	7	24	2	1	4	As	9.0	21.7	37	00	7	16	1	0	0	—	14.2	—	15.6	22	—	11	—	62	0	130	81	135
EGYPT																														
DAMANHUR											01	7	20	3	1	2	Cu	14.7	-1.0	14.3	21	-4	9	-1	60	0	29	93	136
MANSURA											01	7	18	2	1	3	Sc	14.0	—	13.0	22	-3	7	-3	75	0	46	46	137
TANTA	03	7	24	6	2	8	As	6.4	21.0	20	00	7	22	3	0	0	—	15.0	-1.7	13.5	22	-4	7	-3	56	0	40	33	138
ZAGAZIG	01	8	20	2	1	2	Cs	6.7	20.9	22	00	7	20	2	0	0	—	15.4	—	13.6	21	-4	6	-3	58	0	31	24	139
MIDDLE EGYPT																														
CAIRO ALMAZA	05	6	24	6	0	0	—	7.4	21.2	14	00	7	16	2	0	0	—	15.1	—	13.9	21	—	10	—	41	0	18	—	141
CAIRO EZBEKIYA	05	6	20	4	0	0	—	7.4	22.3	17	00	5	14	3	0	0	—	15.4	+0.3	12.8	22	-3	10	-1	51	0	23	22	—
CAIRO GIZA	05	4	22	5	0	4	Sc	6.8	22.8	22	00	6	16	1	0	0	—	15.9	0.0	14.0	23	-2	9	+1	55	0	23	22	—
HELWAN	01	6	22	6	0	3	Cu	7.5	20.1	12	05	5	12	2	0	0	—	15.9	+0.3	11.7	21	-4	9	-3	48	0	26	24	143
SUEZ	00	7	16	3	0	0	—	7.5	21.8	15	02	6	10	2	1	4	Ns	15.5	+0.1	15.2	23	-2	10	-3	56	0	27	15	144
UPPER EGYPT																														
FAIYUM	03	6	26	4	1	8	As	8.4	21.3	20	00	7	18	1	0	0	—	16.6	+0.6	12.8	22	-5	9	-1	52	0	7	7	153
MINYA	00	7	24	4	0	0	—	8.7	22.8	18	00	6	24	1	0	0	—	17.5	+1.5	13.2	23	-4	9	-2	45	0	4	—	154
ASYUT	02	6	22	4	1	5	Cs	9.5	22.4	20	00	5	22	2	0	0	—	17.5	+2.0	14.0	23	-5	9	-2	44	0	2	4	155
QENA	18	4	24	6	2	5	Sc	8.3	25.2	22	03	6	20	2	2	8	Cs	16.3	+2.0	16.1	26	-7	11	-2	41	0	dr	—	156
LUXOR	03	6	26	5	2	8	Cu	8.4	25.4	27	03	6	12	2	2	6	As	16.2	—	16.2	26	—	10	—	48	0	dr	—	157
ASWAN	00	6	32	4	0	0	—	6.7	28.0	7	02	6	32	3	2	5	Cu	15.0	+0.7	15.5	29	-3	13	-2	18	0	1	—	158
WESTERN DESERT																														
SIWA	14	6	26	7	0	0	—	10.6	19.7	—	00	8	00	0	0	0	—	16.5	+0.5	11.9	20	-7	5	-4	77	0	6	7	148
BAHARIYA	00	9	24	3	0	0	—	9.9	21.8	15	00	9	24	1	0	0	—	17.5	—	13.5	24	—	6	—	44	0	1	—	149
KHARGA	00	8	04	4	0	0	—	9.3	26.4	24	00	8	32	1	0	0	—	17.9	+2.7	14.0	26	-4	8	-4	57	0	dr	tr	151
DAKHLA	14	4	26	5	1	4	Ci	10.6	23.1	45	05	5	00	0	0	0	—	18.0	+2.5	9.8	24	-6	6	-5	58	0	dr	—	152
RED SEA																														
TOR	01	5	28	4	2	3	Ci	6.6	25.1	51	00	4	32	3	0	0	—	15.2	+0.9	18.2	25	0	11	-2	66	0	20	13	145
HURGHADA											09	6	28	4	0	0	—	15.5	+1.2	19.6	25	-1	12	-1	27	0	1	—	146
QUSEIR	05	5	02	4	4	5	As	5.8	24.0	51	05	5	30	4	1	5	As	14.4	+0.8	19.8	24	-2	15	-3	32	0	tr	6	147
PORT SUDAN											06	—	32	4	0	—	—	9.8	-2.5	28.0	31	+2	26	+6	68	0	71	107	169
NORTH SUDAN																														
WADI HALFA											18	5	32	5	3	4	Cs	14.9	+0.9	16.8	29	-4	15	+1	18	—	—	—	165
KAREIMA											05	7	28	5	0	0	—	12.8	+0.6	22.5	39	+2	17	-1	22	0	0	1	166
ATBARA	01	—	02	8	1	4	—	—	—	—	30	—	32	7	3	—	—	8.7	-2.4	25.3	44	+7	22	+4	15	0	6	1	167
KHARTUM											08	5	28	3	3	5	Cs, As	10.5	+1.0	24.5	45	+6	22	+3	34	0	dr	5	168
KASSALA											05	6	02	2	0	0	—	6.4	-2.2	25.7	44	+5	23	+3	36	0	dr	11	170
CENTRAL SUDAN																														
WAD MEDANI	01	—	16	4	0	4	—	98	43	—	03	—	28	3	1	7	—	9.3	+0.2	26.9	44	+5	21	+1	27	0	2	13	171
DUEIM	01	—	32	2	0	4	—	—	39	15	00	—	—	3	0	0	—	9.4	-0.3	25.8	42	+3	18	0	29	0	14	12	173
RENK																		—											182
ROSEIRES	01	—	18	1	0	4	—	99	41	15	00	—	16	1	1	0	—	6.3	-2.0	30.5	43	+3	26	+6	44	0	27	40	172
EL OBEID											08	4	32	2	1	5	Cs	10.1	-0.9	25.4	42	+6	23	+7	16	0	8	20	174
EL FASHER											00	—	02	2	0	0	—	—	—	23.1	44	+8	16	0	19	0	0	8	175
GENEINA											17	6	08	3	2	6	As	—	—	21.2	40	—	20	—	—	0	dr	—	179
KADUGLI																													187
S. SUDAN																														
MALAKAL											03	8	16	3	8	8	Ac	9.6	+0.3	28.0	41	+2	25	+3	57	dr	83	100	176
WAU	03	—	16	3	1	7	—	6	—	35	01	—	20	2	0	4	—	7.7	-1.0	26.7	39	+1	25	+4	68	0	107	172	177
JUBA											10	8	30	2	1	7	Cu, Sc	11.3	+1.4	24.3	38	+1	22	0	83	6	272	172	178

UPPER WINDS

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

SALUM 7 h. — m.	MATRUH h. m.	DIKHEILA 8 h. — m.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 5 h. — m.	KAREIMA 7 h. — m.	KHARTUM 6 h. — m.	KASSALA 6 h. — m.	EL OBEID 6 h. — m.	MALAKAL 6 h. m.	JUBA 6 h. — m.	Geneina 7 h. — m.
02 28 20		02 26 30					03 01 40	06 03 30	06 34 25	06 05 10	07 03 25	06 17 20	06 27 10	10 03 45
05 26 —		05 27 30					06 02 55	10 01 40	10 03 50	10 03 10	10 05 25	10 23 25	07 24 05	15 08 15
10 27 30		10 28 60					10 03 40	15 35 40	15 35 40	15 02 15	15 05 20	15 22 25	15 00 0	20 33 20
15 27 45		13 29 55						20 32 35	20 30 30	20 01 25		20 24 25		30 25 25
								21 32 35		30 32 25		30 26 15		40 21 15
												40 06 40		50 23 50
												50 08 45		56 21 30
												60 09 35		
												65 08 50		

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 23rd	Diff. from normal	Wet Bulb Temp °C on 23rd	Diff. from normal
Alexandria	50	-15	10.6	-2.7
Ezbekiya	43	-12	10.5	-3.3
Giza	52	-5	10.9	-2.7
Helwan	31	-14	8.7	-3.0

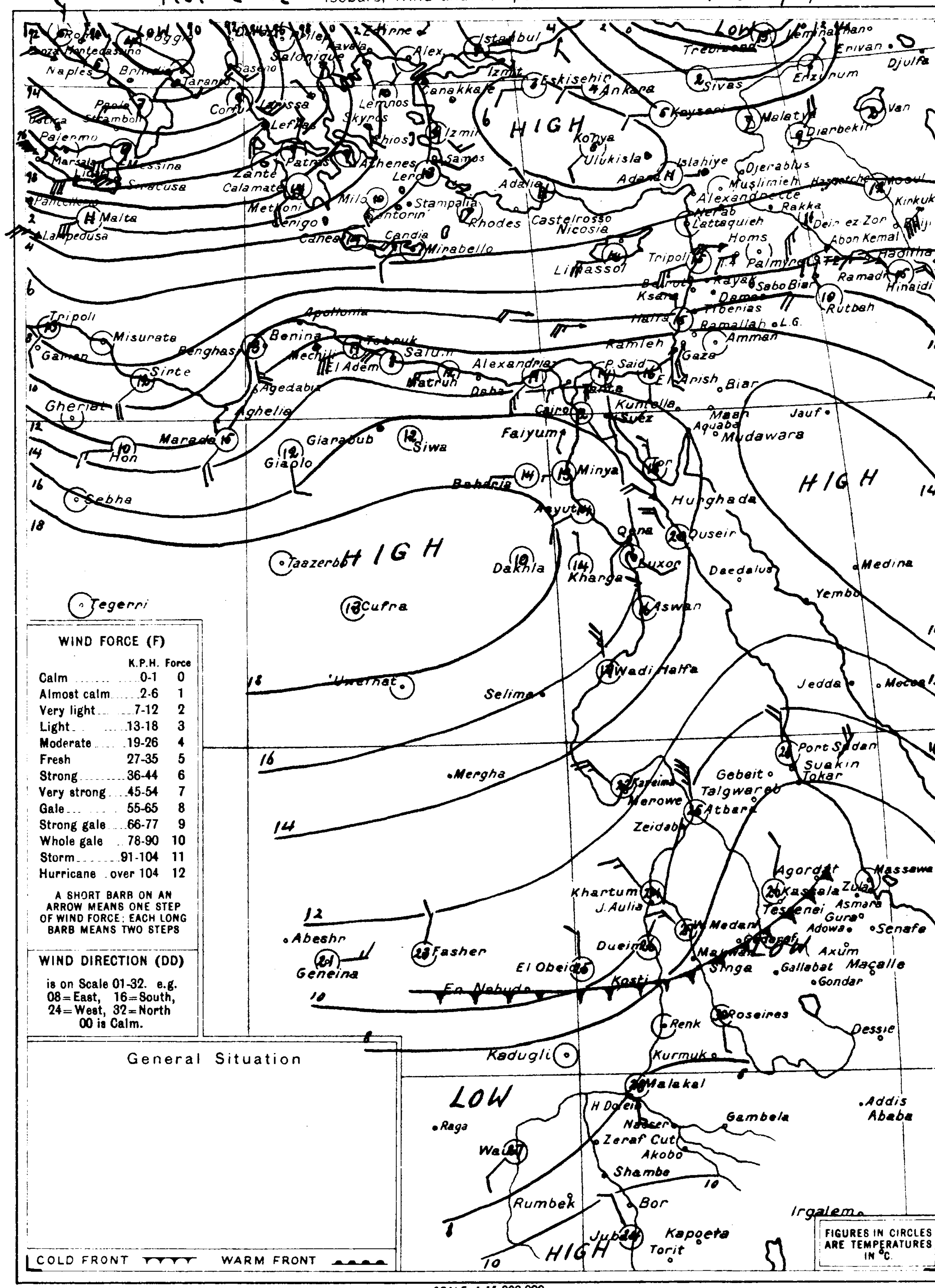
Giza Grass minimum on 24th 4.7 °C

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

DATE	1939	1938
24-3	845	846
23-3	845	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	24-3	13.28	+0.02	13.28	+0.02
Nasser	24-3	5.18	+0.14	5.20	+0.17
Malakal	24-3	10.37	+0.24	10.42	+0.28
Roseires	24-3	11.80	+0.43	11.83	+0.46
Sennar Res.	24-3	18.06	—	18.21	—
J. Aulia U.S	24-3	375.07	—	375.17	—
J. Aulia D.S	24-3	371.19	+0.21	371.09	+0.10
Khartum	24-3	10.37	+0.18	10.32	+0.13
Kh. el Girba					
'Atbara	24-3	10.20	+0.21	10.20	+0.20
Kajnarti	24-3	132.31	+0.20	132.38	+0.25
Aswan Res.	24-3	120.66	—	120.66	—
Aswan D.S.	24-3	85.64	-0.03	85.63	-0.05
Roda (Cairo)	24-3	15.77	+0.22	15.82	+0.27

Isobars, Wind and Temperature at 8 h. 24. 3. 1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 Kms. 200 100 0 200 400 600 Kms

STATION محطة	8h on 24th (الساعة ٨ يوم ٢٤) Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	6	24	4	6	3	—	7.5	-6.3	14	—	—	—	—	—	10	597	411
Haifa	02	—	32	3	—	5	—	11.9	-1.4	15.0	21	-2	12	+1	70	2	547	621
Gaza	02	8	16	3	1	4	As.	14.0	-0.2	13	—	—	10	0	65	—	—	359
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 53 m
" " Sunset 18 h 09 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1939 ١٩٣٩ شهر مارس ٢٥ - ٣ - ٣٩

Region	STATION	At 14 h. on 24th (الساعة ١٤ يوم ٢٤) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on SATURDAY 25th (الساعة ٨ يوم السبت ٢٥) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALUM	01	8	18	6	0	1	Cu	10.6	20.2	20	01	7	18	5	1	1	Ac	10.0	-6.9	12.4	20	—	8	—	23	0	81	—	130
	MATRUH	00	7	18	3	0	0	—	11.5	14.8	66	00	7	18	3	0	0	—	11.4	-4.5	16.2	21	0	11	0	28	0	120	152	131
	DIKHEILA	00	8	26	4	0	0	—	14.4	16.1	50	01	8	16	3	0	2	Ac	14.7	—	15.6	18	—	10	—	32	0	94	—	150
	ALEXANDRIA	00	9	22	5	0	0	—	13.5	17.7	47	00	9	16	3	0	0	—	14.0	-1.4	14.0	19	-3	9	-4	47	0	165	178	132
	DAMIETTA											00	8	16	2	0	0	—	14.7	—	16.5	19	—	10	—	61	0	70	99	159
	PORT SAID	01	7	26	4	1	3	Ac	13.6	21.3	70	00	7	20	3	0	0	—	15.2	+1.2	15.8	23	+1	12	-2	75	0	64	70	134
	EL 'ARISH	01	7	28	2	1	2	Cu	15.1	18.6	47	00	7	16	1	0	0	—	15.9	—	15.9	20	—	9	—	59	0	130	81	135
LOWER EGYPT	DAMANHUR											00	7	20	2	0	0	—	15.2	-0.4	14.0	21	-4	9	-1	57	0	29	94	136
	MANSURA											00	8	16	2	0	0	—	15.4	—	14.9	22	-3	8	-2	51	0	46	46	137
	TANTA	00	7	20	3	0	0	—	14.6	22.0	22	00	7	16	2	0	0	—	15.6	-1.1	15.5	23	-3	9	-1	50	0	40	34	138
	ZAGAZIG	00	8	20	3	0	0	—	13.9	21.8	29	00	7	18	2	0	0	—	16.0	—	16.4	22	-3	6	-3	50	0	31	24	139
MIDDLE EGYPT (CAIRO)	ALMAZA	00	8	24	3	0	0	—	14.2	19.5	28	00	8	16	2	0	0	—	15.9	—	17.3	21	—	11	—	31	0	18	—	141
	EZBEKIYA	00	9	24	1	0	0	—	14.3	21.3	26	05	5	16	3	0	0	—	15.8	+0.8	15.0	22	-3	10	-1	47	0	23	22	—
	GIZA	00	8	22	2	0	0	—	14.2	22.8	30	01	6	14	2	0	1	Cs	16.0	+0.2	13.9	23	-2	9	0	56	0	23	22	—
	HELWAN	00	8	18	2	0	0	—	14.0	20.0	26	00	7	10	2	0	0	—	16.4	+0.9	14.9	21	-4	10	-2	33	0	26	24	143
	SUEZ	00	8	20	2	1	0	—	14.4	20.7	37	00	7	00	0	0	0	—	16.3	+0.9	15.6	22	-3	10	-3	65	0	27	15	144
UPPER EGYPT	FAIYUM	00	8	16	1	0	0	—	14.6	21.6	28	00	7	14	1	0	0	—	16.7	+0.7	12.9	23	-4	7	-3	49	0	7	7	153
	MINYA	00	8	26	2	0	0	—	14.6	21.9	28	00	6	10	2	0	0	—	17.0	+1.1	14.0	22	-5	8	-3	40	0	4	—	154
	ASYUT	00	6	26	3	0	0	—	13.6	21.4	39	00	6	26	3	0	0	—	17.5	+2.1	15.0	22	-6	9	-3	49	0	2	4	155
	QENA	00	8	04	3	1	0	—	13.0	24.2	24	01	8	24	2	0	3	Cu	16.6	+2.4	14.6	27	-6	10	-3	55	0	dr.	—	156
	LUXOR	00	7	22	2	1	0	—	12.8	24.9	28	01	8	28	1	0	3	Cc	16.4	—	18.8	26	—	7	—	46	0	dr.	—	157
	ASWAN	00	5	30	3	0	0	—	11.4	23.6	9	01	7	02	1	1	3	Ci	15.6	+1.4	14.0	25	-7	10	-5	28	0	1	—	158
WESTERN DESERT	SIWA	00	8	22	1	0	0	—	14.4	21.3	65	00	8	10	1	0	0	—	15.3	-0.7	15.0	22	-5	8	-1	38	0	6	7	148
	BAHARIYA	00	9	24	1	0	0	—	15.5	21.0	27	00	9	00	0	0	0	—	16.8	—	12.0	21	—	4	—	43	0	1	—	149
	KHARGA	00	8	04	3	0	0	—	16.0	25.3	23	00	8	32	1	0	0	—	18.0	+2.8	15.2	25	-5	8	-4	41	0	dr.	tr.	151
	DAKHLA	05	5	02	1	0	0	—	15.5	21.0	22	05	4	00	0	1	4	Ci	18.2	+2.7	11.1	23	-8	5	-6	45	0	dr.	—	152
RED SEA	TOR	00	5	28	6	0	0	—	11.4	20.8	35	00	5	32	4	0	0	—	14.4	+0.2	19.8	22	-3	10	-3	43	0	20	13	145
	HURGHADA											00	9	28	4	0	0	—	14.3	0.0	19.8	22	-4	10	-3	35	0	1	—	146
	QUSEIR	12	4	02	4	3	5	As	13.6	21.0	44	01	7	32	3	0	1	Ci	14.7	+1.2	20.8	22	-4	14	-4	33	0	tr.	6	147
	PORT SUDAN											00	—	32	2	0	0	—	12.6	+0.4	23.9	29	-1	23	+3	57	0	71	107	1[illegible]9
NORTH SUDAN	WADI HALFA											02	7	32	2	1	5	Ac,Ci	16.2	+2.2	14.7	26	-7	9	-5	30	—	—	—	165
	KAREIMA											05	7	28	3	0	0	—	14.7	+2.6	20.0	32	-5	15	-3	18	0	0	1	166
	ATBARA											00	—	32	5	0	0	—	11.8	+0.8	23.0	36	-1	20	+2	14	0	6	1	167
	KHARTUM											05	5	32	2	0	0	—	12.0	+2.6	24.3	36	-3	20	0	15	0	dr.	5	168
	KASSALA											00	7	32	3	0	0	—	8.6	+0.1	25.3	35	-4	22	+2	47	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI											03	—	02	3	1	7	—	11.0	+2.0	24.1	38	-1	18	-2	11	0	2	13	171
	DUEIM											00	—	—	4	0	0	—	11.1	+1.4	26.2	38	-1	21	+3	28	0	14	12	173
	RENK																			—			—		—				—	182
	ROSEIRES											00	—	14	1	0	0	—	8.0	-0.2	26.9	39	-1	20	0	60	0	27	40	172
	EL OBEID											05	6	00	0	0	4	Ci	11.1	+0.1	22.7	34	-2	18	+1	18	0	8	21	174
	EL FASHER											00	—	04	1	0	0	—	—	—	23.2	35	-1	17	+1	12	0	0	8	175
	GENEINA											05	6	32	1	0	0	—	—	—	19.1	39	—	17	—	—	0	dr.	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											03	8	02	1	2	8	Ac,As	10.0	+0.8	27.1	39	0	24	+2	56	0	83	100	176
	WAU											02	—	24	1	6	4	—	8.8	+0.1	24.5	37	-1	22	+1	78	9	116	173	177
	JUBA											01	8	12	2	0	4	Ac	10.0	+0.1	26.4	34	-3	23	+1	69	2	274	173	178

UPPER WINDS

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

SALUM 7h. m.	MATRUH 7h. m.	DIKHEILA 8h. m.	CAIRO 8h. 30m.	HELWAN 8h. 30m.	ASYUT 7h. m.	ASWAN 7h. m.	WADI HALFA 4h. m.	KAREIMA 4h. m.	KHARTUM 6h. m.	KASSALA 7h. m.	EL OBEID 7h. m.	MALAKAL 7h. m.	JUBA 6h. m.	Geneina 5h. m.
02.20.40	02.23.75	02.21.50	02.19.15	02.16.10	02.29.05	02.35.10	03.02.15	06.03.30	06.36.35	06.35.20	07.07.15	06.36.25	06.36.25	10.04.30
05.25.65	05.23.70	05.22.40	05.22.10	05.19.10	05.02.25	05.35.50	06.01.30	10.02.35	10.36.40	10.01.20	10.05.35	10.33.15	10.35.20	15.03.20
10.23.55	09.24.60	10.24.35	07.24.15	08.22.05	10.33.30	10.36.30	10.35.20	15.35.40	15.32.25	15.35.25	15.43.05	15.31.05	15.05.10	20.01.15
		15.26.30	10.26.20	10.27.25	15.32.30	15.36.25	15.35.15	20.35.35	20.33.20	20.35.15	20.04.25	20.03.05	20.09.15	30.31.15
		20.28.25	13.29.20	15.31.25			20.31.30	21.35.45	30.27.05	30.06.15	25.02.30	30.07.15	30.22.20	35.32.10
			15.32.25	18.33.35			28.28.50		40.24.05			40.11.40	40.23.10	
									50.23.10			45.11.45		

Forecast for 24 hours from noon on 25th

Southwesterly winds, on the coast fresh to strong; inland moderate, freshening. Clear or occasional medium cloud. Becoming warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٥

رياح جنوبية غربية تكون بين النسيمة والشديدة على الساحل ومعتدلة ثم تشتد نوعا في الداخل
السماء صحو أو يظهر بعض السحاب المتوسط الارتفاع أحيانا - سيميل الطقس الى الدفء

STATION	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp °C on 24th	Diff. from normal
Alexandria	58	-7	11.6	-1.8
Ezbekiya	41	-14	10.4	-3.5
Giza	46	-10	11.3	-2.4
Helwan	38	-7	9.4	-2.3

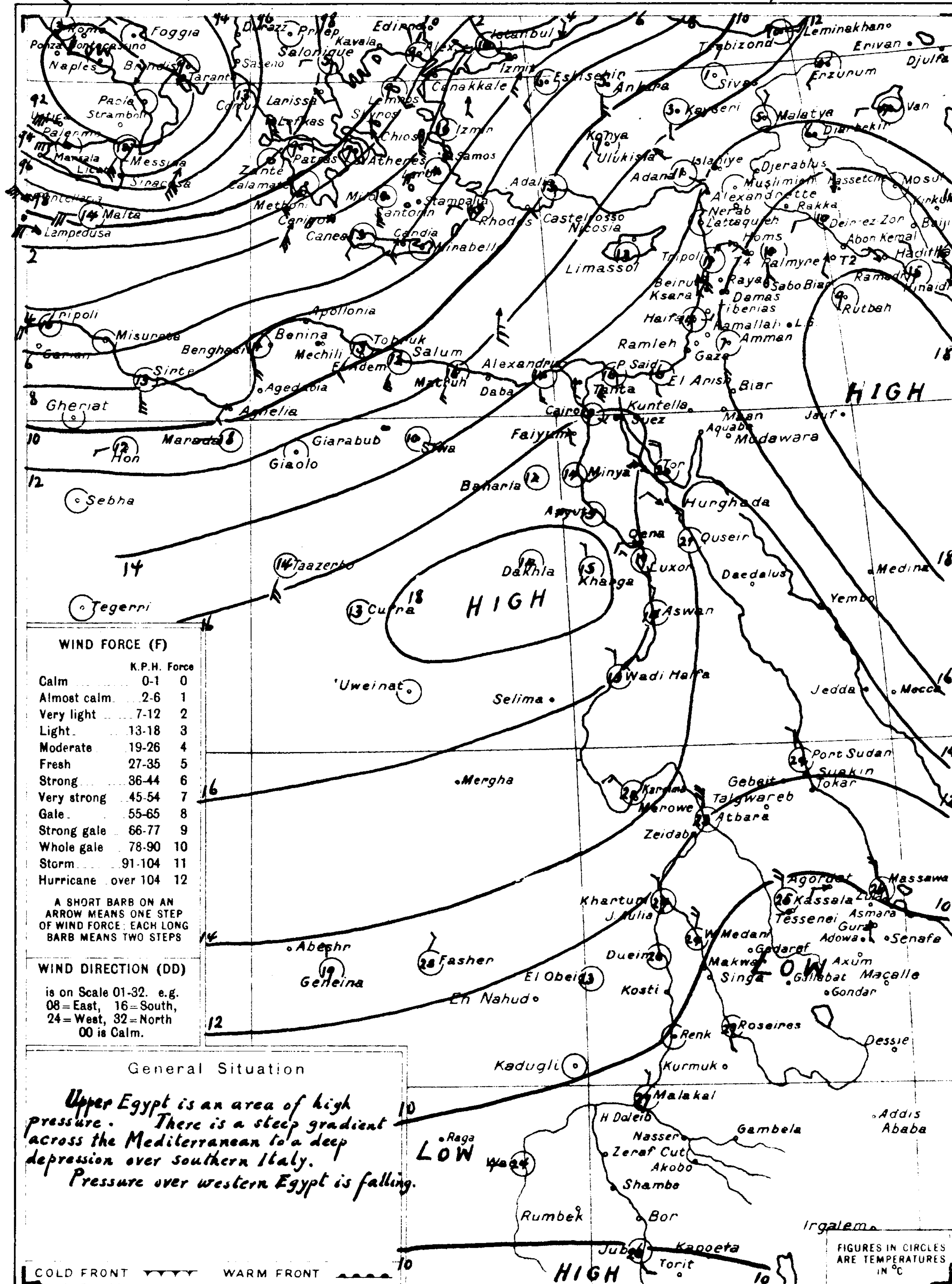
Giza Grass minimum 25th 2.9 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
25-3	845	845
24-3	845	846

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Juba	25-3	13.28	+0.02	13.28	+0.02
Nasser	24-3	5.18	+0.14	5.20	+0.17
Malakal	25-3	10.35	+0.22	10.37	+0.24
Roseires	25-3	11.78	+0.42	11.80	+0.43
Sennar Res	24-3	18.06	—	18.21	—
J. Aulia U.S	25-3	374.94	—	375.07	—
J. Aulia D.S	25-3	371.34	+0.36	371.19	+0.21
Khartum	25-3	10.44	+0.25	10.37	+0.18
Kh. el Girba					
Atbara	25-3	10.20	+0.22	10.20	+0.21
Kajnarti	24-3	132.31	+0.20	132.38	+0.25
Aswan Res.	25-3	120.62	—	120.66	—
Aswan D.S.	25-3	85.64	-0.02	85.64	-0.03
Roda (Cairo)	25-3	15.77	+0.23	15.77	+0.22

Isobars, Wind and Temperature at 8 h. 25-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

Upper Egypt is an area of high pressure. There is a steep gradient across the Mediterranean to a deep depression over southern Italy. Pressure over western Egypt is falling.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION	At 8 h. on 25th Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Temp. Dry Bulb °C TTT	Max. Yester day °C MM	Diff from norm °C	Min. Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	6	00	0	2	8	—	13.1	-0.7	13	—	—	—	—	—	1	598	412
Haifa	00	—	08	1	—	0	—	16.0	+2.7	14.0	18	-5	9	-2	73	1	548	622
Gaza																		360

SHIPS
73277 – 33806 – 28500 – 14868.
73328 – 28506 – 15500 – 11865 – 614X0 – 33000.

Remarks

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

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

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

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

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

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h 51 m
,, ,, Sunset 18 h 10 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *MARCH* 1939 ١٩٣٩ شهر مارس

At 14 h. on *25th* الساعة ١٤ يوم ٢٥ — At 8 h. on *SUNDAY 26th* الساعة ٨ يوم الأحد ٢٦

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs. PPP	8h Bar. Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	00	8	14	6	0	0	—	7.4	23.8	8	01	8	00	0	1	1	Ac	12.3	-4.6	17.1	25	—	11	—	58	0	81	—	130
MATRUH	14	6	18	5	0	0	—	9.0	26.4	17	00	7	00	0	0	0	—	14.0	-1.9	19.1	27	+6	14	+3	33	0	120	152	131
DIKHEILA	00	8	26	4	0	0	—	13.8	22.0	25	01	8	20	3	1	4	Cc	15.6	—	18.4	25	—	13	—	59	0	94	—	150
ALEXANDRIA	00	9	24	4	0	0	—	13.3	21.9	38	02	9	20	2	2	5	Ac	15.1	-0.2	17.0	25	+3	13	0	34	0	165	178	132
DAMIETTA											02	8	16	3	2	5	As	15.2	—	16.9	24	—	14	—	53	0	70	99	159
PORT SAID	00	7	26	3	0	0	—	14.7	23.5	27	02	7	20	3	1	5	Ac	15.6	+1.6	16.5	24	+2	14	0	70	0	64	70	134
EL 'ARISH	00	7	32	3	0	0	—	15.5	20.6	30	00	7	12	1	0	0	—	16.7	—	17.6	24	—	10	—	42	0	130	82	135
DAMANHUR											01	7	20	3	1	1	Ci	15.4	-0.1	16.3	25	0	12	+2	48	0	29	94	136
MANSURA											01	7	16	2	1	3	As	15.5	—	14.9	25	0	11	+1	50	0	46	47	137
TANTA	00	7	20	3	0	0	—	14.0	26.5	22	02	6	18	3	1	5	Cs	15.4	-1.2	16.5	27	+1	12	+2	47	0	40	34	138
ZAGAZIG	00	8	20	3	0	0	—	15.0	24.6	25	00	7	18	2	0	0	—	16.0	—	17.7	25	0	10	+1	45	0	31	24	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	26	2	0	0	—	15.4	20.4	19	03	7	16	3	1	7	Cs	15.9	—	21.0	24	—	15	—	21	0	18	—	141
CAIRO EZBEKIYA	00	8	24	2	0	0	—	14.7	24.0	21	02	5	14	3	1	5	Cs	16.4	+1.4	15.2	25	-1	12	0	46	0	23	23	—
CAIRO GIZA	00	8	00	0	0	0	—	14.8	24.1	22	03	7	14	2	2	7	Cs	17.0	+1.3	16.0	26	+1	9	0	42	0	23	23	—
HELWAN	00	8	24	2	0	0	—	14.6	22.9	19	01	7	12	2	0	4	Ci	16.8	+1.3	15.4	24	-1	12	0	35	0	26	24	143
SUEZ	00	9	14	1	0	0	—	15.2	22.8	34	01	7	16	1	1	3	As	16.6	+1.3	18.7	24	-1	12	-1	58	0	27	15	144
UPPER EGYPT																													
FAIYUM	00	8	26	1	0	0	—	15.4	24.0	22	01	7	12	1	0	3	Ac	17.4	+1.5	13.4	26	-1	8	-2	44	0	7	7	153
MINYA	00	8	28	2	0	0	—	15.4	22.9	21	01	5	20	1	1	3	Ci	17.5	+1.7	15.0	24	-3	9	-2	40	0	4	—	154
ASYUT	00	7	22	3	0	0	—	15.5	24.0	31	00	7	12	3	0	0	—	18.3	+3.0	15.5	26	-2	10	-2	45	0	2	4	155
QENA	00	8	22	4	0	0	—	13.9	26.4	21	00	7	22	1	0	0	—	16.8	+2.6	17.7	28	-5	9	-5	43	0	dr.	—	156
LUXOR	00	8	32	3	0	0	—	14.0	27.2	26	00	8	08	3	0	0	—	17.2	—	18.0	29	—	6	—	51	0	dr.	—	157
ASWAN	01	7	04	1	1	3	Ci	12.6	25.7	10	00	7	32	1	0	0	—	16.4	+2.3	15.0	28	-4	10	-5	30	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	26	4	0	0	—	11.2	28.4	20	00	8	00	0	0	0	—	15.2	-0.7	14.8	29	+2	6	-4	60	0	6	7	148
BAHARIYA	00	9	24	1	0	0	—	15.2	26.0	16	00	9	00	0	0	0	—	17.6	—	14.5	26	—	6	—	34	0	1	—	149
KHARGA	00	8	04	2	0	0	—	15.9	24.3	24	00	8	02	1	0	0	—	17.4	+2.3	17.1	26	-5	6	-6	26	0	dr.	tr.	151
DAKHLA	05	6	28	1	0	0	—	15.5	24.3	15																		—	152
RED SEA																													
TOR	00	6	28	6	0	0	—	13.3	21.5	54	01	6	32	2	0	2	Ci	16.0	+1.8	18.5	25	-1	9	-5	51	0	20	13	145
HURGHADA																												—	146
QUSEIR	01	7	32	3	0	2	Cs	13.8	22.3	48	00	7	30	1	0	0	—	16.3	+2.8	22.5	23	-3	14	-4	34	0	tr.	6	147
PORT SUDAN											00	—	32	2	0	0	—	15.2	+3.1	24.6	28	-2	22	+2	48	0	71	107	1[illegible]9
NORTH SUDAN																													
WADI HALFA											01	8	32	1	1	3	Ac	16.9	+3.0	15.3	27	-7	8	-6	21	—	—	—	165
KAREIMA											00	8	00	0	0	0	—	14.7	+2.7	20.0	31	-6	15	-3	25	0	0	1	166
'ATBARA											00	—	32	5	0	0	—	12.2	+1.3	22.7	34	-3	18	0	20	0	6	1	167
KHARTUM											05	6	32	3	0	0	—	11.5	+2.2	23.9	37	-2	19	-1	15	0	dr.	5	168
KASSALA											00	7	02	3	0	0	—	9.0	+0.6	28.0	39	0	21	+1	39	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	02	5	0	0	—	10.0	+1.1	26.3	38	-2	18	-2	6	0	2	13	171
DUEIM											00	—	—	3	0	0	—	10.2	+0.5	25.6	37	-2	21	+3	20	0	14	12	173
RENK																			—			—		—				—	182
ROSEIRES											00	—	26	1	0	0	—	6.2	-2.0	26.4	35	-5	20	0	25	0	27	40	172
EL OBEID											01	8	04	3	0	3	Ac	11.7	+0.8	22.6	35	-2	19	+2	18	0	8	21	174
EL FASHER											00	—	04	1	0	0	—	—	—	21.8	37	0	18	+2	16	0	0	8	175
GENEINA											05	6	06	2	0	2	Ci	—	—	20.4	38	—	17	—	—	0	dr.	—	179
KADUGLI											34	4	28	4	3	2	—	9.4	—	22	37	—	18	—	41	0	—	—	187
S. SUDAN																													
MALAKAL											03	8	02	4	2	7	Cs	8.7	-0.5	28.2	35	-4	22	0	17	0	83	100	176
WAU											03	—	20	3	1	7	—	9.2	+0.5	25.0	34	-4	24	+3	76	0	116	173	177
JUBA											10	8	16	2	0	5	Cb	10.5	+0.6	24.6	36	-1	22	0	68	dr.	274	174	178

UPPER WINDS

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

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 10 h. m.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTUM 6 h. m.	KASSALA 5 h. m.	EL OBEID 6 h. m.	MALAKAL 6 h. m.	JUBA 6 h. m.	Salum 25th 13 h. m.
02.00.00	02.33.05	02.27.15	02.19.40	02.17.15	02.13.15	02.03.10	03.02.25	06.02.30	06.02.30	06.04.10	07.03.40	06.02.45	06.04.15	02.17.35
05.18.05	05.32.15	05.28.10	05.21.60	05.20.35	05.31.05	05.02.30	06.04.35	10.01.30	10.01.50	10.03.15	10.05.50	10.02.50	10.36.15	05.22.30
10.23.25	10.28.20	10.29.25	09.25.35	08.21.25	10.35.20	10.03.35	10.04.25	15.35.25	15.36.45	15.02.15	15.05.35	15.04.30	15.36.15	10.23.65
14.24.40	15.29.30	15.26.30	10.28.30	10.24.30	15.34.35	15.02.15	15.06.20	20.33.25	20.35.35	20.01.30	20.06.20	20.06.25	20.31.10	15.23.40
	18.30.35	20.27.35	15.30.25	15.29.30	20.33.20	20.03.15	20.01.20	21.32.30	30.36.15	30.34.20	25.06.30	30.03.20	30.29.20	20.23.45
			20.29.25	20.29.25			30.30.40		40.31.10	40.23.20		40.10.10	40.31.20	
			28.30.25	23.31.25			33.31.45		50.30.05				50.30.15	
			30.30.35	25.31.20					56.31.05					
			31.30.40	28.31.35										

Forecast for 24 hours from noon on *26th*

Moderate to fresh southerly winds.
Clear or occasional high cloud.
Warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦

رياح جنوبية بين المعتدلة والنسيمية
السماء صحو أو يظهر بها بعض السحاب العالي أحيانا
يميل الطقس الى الدفء

STATION	Mean of day Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	36	-29	11.8	-1.6
Ezbekiya	38	-17	11.3	-2.6
Giza	44	-12	11.8	-1.9
Helwan	22	-23	10.2	-1.6

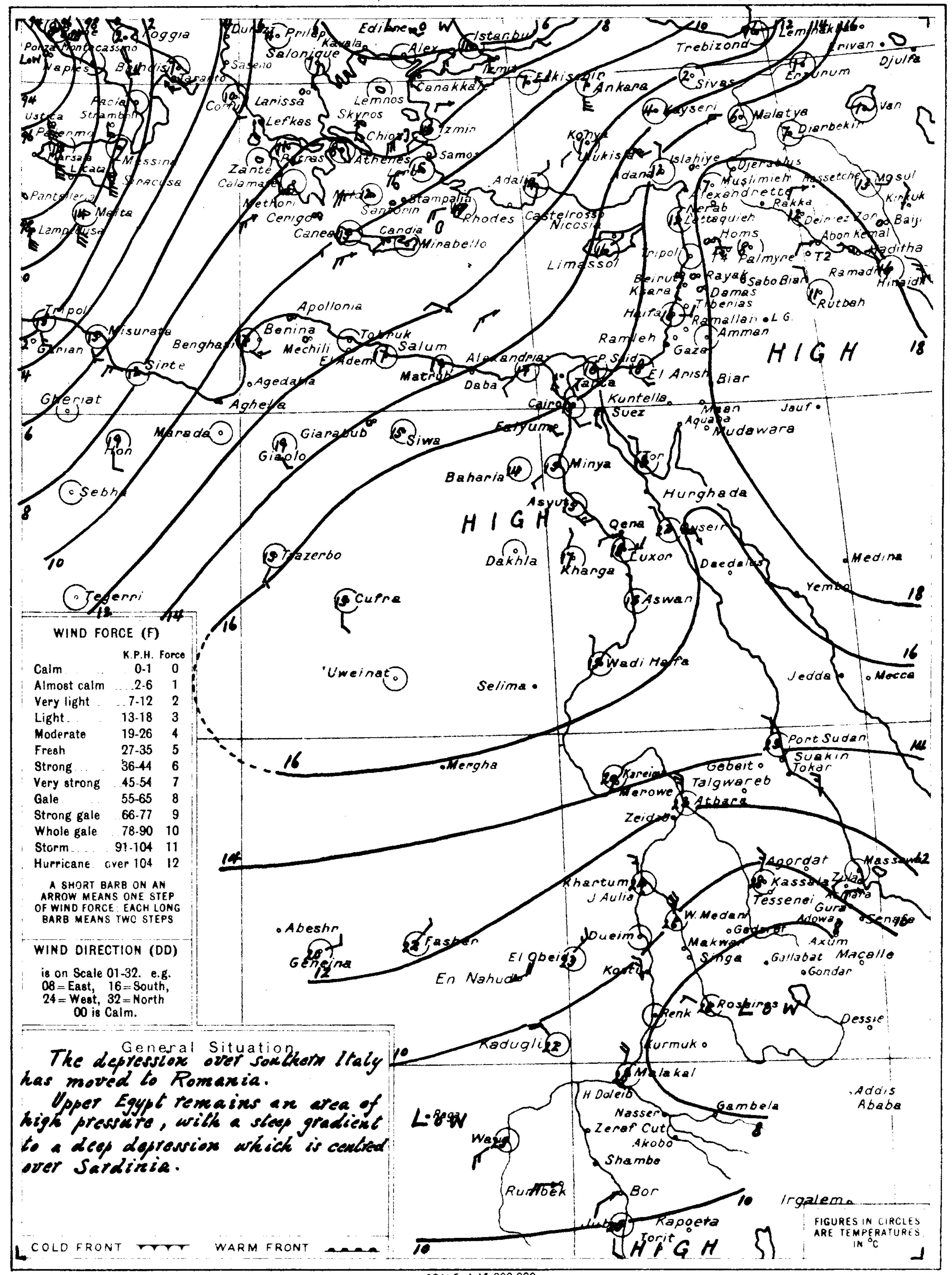
Giza Grass minimum on *26th* 3.4 °C

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

DATE	1939	1938
26-3	845	845
25-3	846	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	26-3	13.28	+0.02	13.28	+0.02
Nasser	25-3	5.12	+0.08	5.18	+0.14
Malakal	26-3	10.34	+0.22	10.35	+0.22
Roseires	26-3	11.79	+0.43	11.78	+0.42
Sennar Res	25-3	17.92	—	18.06	—
J. Aulia U.S	25-3	374.94	—	375.07	—
J. Aulia D.S	25-3	371.34	+0.36	371.19	+0.21
Khartum	26-3	10.52	+0.33	10.44	+0.25
Kh. el Girba					
'Atbara	26-3	10.18	+0.21	10.20	+0.22
Kajnarti	25-3	132.21	+0.12	132.31	+0.20
Aswan Res.	26-3	120.57	—	120.62	—
Aswan D.S.	26-3	85.63	-0.02	85.64	-0.02
Roda (Cairo)	26-3	15.79	+0.25	15.77	+0.23

Isobars, Wind and Temperature at 8 h. *26 - 3 - 39* ٢٦-٣-٣٩



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The depression over southern Italy has moved to Romania.

Upper Egypt remains an area of high pressure, with a steep gradient to a deep depression which is centred over Sardinia.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on *26th* الساعة ٨ يوم ٢٦

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.
Limassol	09	6	04	1	4	0	—	14.8	+1.2	16	—	—	—	—	—	0	598	413
Haifa	00	—	08	2	—	0	—	17.6	+4.4	15.5	21	-2	9	-2	52	0	648	623

SHIPS سفن: *13333 26706 26200 14763 616K0 33200*

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1936 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h 05 m 50
" " Sunset 18 10

Month *MARCH* 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	26th 14h ww	V	DD	F	W	N	C	PPP	TTT	UU	27th 8h ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERR.																													
SALUM	02	9	00	0	2	5	Ci	12.0	20.2	49	01	7	18	6	2	3	Cc	12.7	-4.2	23.0	22	—	16	—	16?	0	81	—	130
MATRUH	02	7	06	2	2	5	As	14.2	20.9	48	01	7	16	3	1	4	Sc	14.4	-1.4	21.7	25	+4	15	+4	18	0	120	153	131
DIKHEILA	01	8	28	1	0	1	Ci	16.8	19.3	65	01	8	12	1	0	2	Ci	17.6	—	18.5	23	—	13	—	35	0	94	—	150
ALEXANDRIA	00	9	32	2	0	0	—	16.0	22.2	42	01	9	16	4	0	3	Ac	16.8	+1.5	17.8	23	+1	14	+1	40	0	165	178	132
DAMIETTA											00	7	12	2	0	0	—	17.1	—	20.0	22	—	11	—	64	0	70	100	159
PORT SAID	00	7	28	4	1	0	—	15.2	27.0	37	00	7	14	2	0	0	—	17.4	+3.5	18.3	28	+6	13	-1	76	0	64	71	134
EL 'ARISH	00	7	32	3	0	0	—	16.0	25.0	28	00	7	00	0	0	0	—	17.8	—	17.6	28	—	10	—	56	0	130	82	135
LOWER EGYPT																													
DAMANHUR											00	7	12	2	0	0	—	17.2	+1.7	18.0	25	0	13	+3	53	0	29	94	136
MANSURA											00	8	14	1	0	0	—	16.8	—	17.8	29	+4	9	-1	59	0	46	47	137
TANTA	00	7	20	4	0	0	—	15.1	29.0	14	00	7	00	0	0	0	—	17.2	+0.6	19.0	30	+4	12	+2	46	0	40	34	138
ZAGAZIG	00	8	20	3	0	0	—	15.5	28.9	21	00	7	10	3	0	0	—	17.6	—	19.9	29	+4	9	0	43	0	31	25	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	20	3	0	0	—	15.8	27.9	15	00	8	10	4	0	0	—	16.3	—	23.2	28	—	16	—	21	0	18	—	141
CAIRO EZBEKIYA	00	8	14	2	1	0	—	15.8	28.2	17	00	6	10	2	0	0	—	16.8	+1.9	18.8	30	+4	12	0	44	0	23	23	—
CAIRO GIZA	00	8	18	2	0	0	—	15.6	29.6	18	01	6	00	0	0	2	Cs	17.2	+1.6	19.6	30	+5	8	-1	48	0	23	23	—
HELWAN	00	8	20	2	0	0	—	15.5	26.4	12	01	7	00	0	0	2	Ci	16.8	+1.4	17.6	28	+3	16	+4	36	0	26	24	143
SUEZ	00	8	14	2	0	0	—	16.3	25.4	28	00	7	02	1	0	0	—	17.6	+2.3	18.0	28	+3	13	-1	74	0	27	16	144
UPPER EGYPT																													
FAIYUM	00	8	18	1	0	0	—	15.5	28.7	16	01	7	00	0	0	2	Cu	17.9	+2.1	16.5	31	+4	9	-1	35	0	7	7	153
MINYA	00	7	22	1	0	0	—	15.6	26.8	16	01	6	00	0	0	2	Cu	17.0	+1.2	17.6	28	+1	10	-2	38	0	4	—	154
ASYUT	00	7	12	2	0	0	—	15.6	28.4	26	00	6	22	2	0	0	—	17.4	+2.2	20.2	30	+1	12	0	39	0	2	4	155
QENA	00	8	22	1	0	0	—	14.2	30.2	22	00	7	24	1	0	0	—	15.9	+1.8	18.3	32	-1	11	-3	43	0	dr.	—	156
LUXOR	00	8	02	3	0	0	—	14.6	29.1	19	01	8	02	1	0	2	Ci	15.9	—	20.5	32	—	9	—	40	0	dr.	—	157
ASWAN	00	7	02	2	0	0	—	13.5	29.3	7	00	7	00	0	0	0	—	14.4	+0.3	18.0	30	-3	13	-3	22	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	22	2	0	0	—	13.3	31.2	58	02	8	00	0	1	4	Cu	16.0	+0.2	15.2	32	+5	10	0	51	0	6	7	148
BAHARIYA	00	9	00	0	0	0	—	14.8	30.0	11	00	9	00	0	0	0	—	17.5	—	16.0	31	—	8	—	24	0	1	—	149
KHARGA	00	8	04	2	0	0	—	15.0	25.4	18	00	8	32	2	0	0	—	15.4	+0.4	24.5	27	-4	13	0	23	0	dr.	tr.	151
DAKHLA	00	6	02	1	0	0	—	15.6	27.6	9	05	4	00	0	1	2	Ci	16.6	+1.3	17.2	31	0	10	-2	31	0	dr.	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	14.4	23.5	62	01	6	32	2	0	1	Ci	14.8	+0.7	22.0	25	-1	12	-2	52	0	20	13	145
HURGHADA											00	9	30	3	0	0	—	14.8	+0.7	22.5	26	-1	14	0	30	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	15.5	24.1	52	00	7	32	3	0	0	—	15.1	+1.7	24.8	25	-1	17	-1	47	0	tr.	6	147
PORT SUDAN											00	—	32	3	0	0	—	12.7	+0.6	24.7	28	-2	22	+2	31	0	71	107	169
NORTH SUDAN																													
WADI HALFA											00	8	00	0	0	0	—	14.9	+1.1	17.7	31	-3	10	-4	20	—	—	—	165
KAREIMA											00	8	30	3	0	0	—	13.1	+1.2	22.0	35	-2	16	-2	22	0	0	1	166
'ATBARA											00	—	02	3	0	0	—	10.6	-0.2	24.0	36	-1	18	-1	24	0	6	1	167
KHARTUM											05	7	04	3	0	0	—	9.0	-0.2	25.0	39	0	20	0	16	0	dr.	5	168
KASSALA											00	8	02	2	0	0	—	5.8	-2.6	26.1	39	0	19	-1	30	0	dr.	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	5	0	0	—	7.9	-0.9	27.0	40	0	19	-1	12	0	2	13	171
DUEIM											00	—	—	3	0	0	—	7.1	-2.5	25.4	38	-1	21	+3	20	0	14	12	173
RENK																			—			—		—				—	182
ROSEIRES											00	—	26	1	0	0	—	4.7	-3.4	29.0	41	+1	21	+1	21	0	27	41	172
EL OBEID											00	8	32	3	0	0	—	9.5	-1.3	23.5	37	0	19	+2	25	0	8	21	174
EL FASHER											00	—	02	2	0	0	—	—	—	22.9	39	+2	18	+2	10	0	0	8	175
GENEINA											00	7	32	3	0	0	—	—	—	23.0	40	—	18	—	—	0	dr.	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL											00	8	16	2	0	0	—	8.7	-0.5	26.2	39	0	21	-1	58	0	83	101	176
WAU											00	—	12	1	1	0	—	7.5	-1.1	26.3	36	-2	23	+2	78	0	116	174	177
JUBA											03	8	08	3	1	6	Sc	10.3	+0.4	24.0	32	-5	21	-1	75	3	277	175	178

At 14 h. on 26th — الساعة ١٤ يوم ٢٦ ; At 8 h. on MONDAY 27th — الساعة ٨ يوم الاثنين ٢٧

UPPER WINDS — الرياح العليا

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

SALUM 7h.	MATRUH 7h.	DIKHEILA 8h.	CAIRO 8h.30m.	HELWAN 8h.30m.	ASYUT 7h.	ASWAN 7h.	WADI HALFA 4h.	KAREIMA 7h.	KHARTUM 6h.	KASSALA 7h.	EL OBEID 6h.	MALAKAL 6h.	JUBA 6h.	Salum 26th 13h.
02.20.40	02.21.40	02.15.45	02.10.10	02.17.05	02.04.05	02.02.05	03.03.20	06.36.10	06.01.45	06.06.15	07.01.35	06.18.20	06.16.20	02.00.00
05.21.45	05.22.35	05.15.45	05.10.15	05.08.15	05.04.30	05.03.35	06.04.50	10.33.10	10.01.40	10.03.35	10.03.55	10.06.25	10.15.30	05.19.25
10.22.25	10.22.30	10.20.20	07.07.05	08.06.10	10.03.40	10.05.55	10.04.30	15.31.15	15.35.35	15.06.25	15.03.35	15.04.40	15.13.30	10.20.45
15.21.25		11.23.15	08.43.05	10.02.15		15.03.40	15.05.25	20.30.15	20.36.30	20.06.20	20.04.20	20.05.45	20.12.25	15.25.40
20.23.30		15.27.20	10.36.15	15.35.25		20.03.35	20.03.20	30.31.15	30.34.25	30.02.20	26.04.20	30.04.35	23.11.20	
24.24.30		20.28.20	15.35.25	20.01.40			30.33.30	31.32.10	40.29.05	40.03.15		33.04.35		
		23.24.05	20.01.35	23.01.40			31.33.30							
		25.26.30	25.36.35	25.36.25										
		30.29.35	Tail	28.33.15										

Forecast for 24 hours from noon on 27th

On the coast fresh south to southwest winds.
Inland light variable winds becoming moderate southwesterly.
Some high cloud.
Remaining warm.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٧

على السواحل رياح نسيمية من جنوبية وجنوبية غربية
وفى الداخل رياح خفيفة مختلفة الاتجاه ثم تصير جنوبية غربية معتدلة
يظهر بعض السحاب العالى
تستمر درجة الحرارة مرتفعة .

STATION	Mean of day: Humidity % on 26th	Diff. from normal	Wet bulb temp. °C on 26th	Diff. from normal
Alexandria	32	-34	12.0	-1.5
Ezbekiya	34	-21	12.5	-1.5
Giza	33	-23	13.0	-0.8
Helwan	16	-28	10.8	-1.1

Giza Grass minimum on 27th 3.9 °C

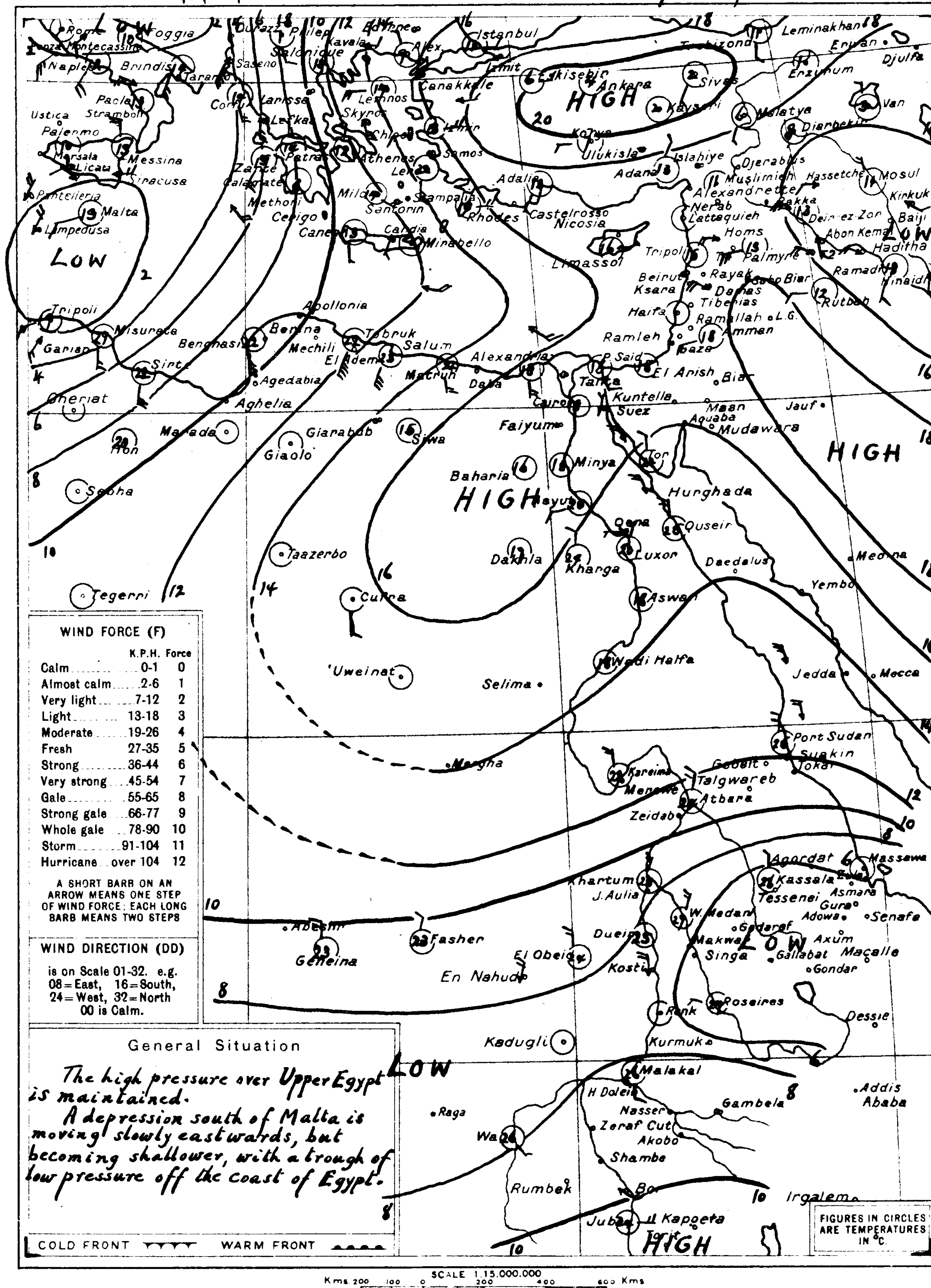
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
27-3	845	845
26-3	845	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-3	13.26	-0.01	13.28	+0.02
Nasser	26-3	5.10	+0.05	5.12	+0.08
Malakal	27-3	10.33	+0.21	10.34	+0.22
Roseires	27-3	11.77	+0.41	11.79	+0.43
Sennar Res.	26-3	17.79	—	17.92	—
J. Aulia U.S	26-3	374.93	—	374.94	—
J. Aulia D.S	26-3	371.45	+0.48	371.34	+0.36
Khartum	26-3	10.52	+0.33	10.44	+0.25
Kh. el Girba					
'Atbara	27-3	10.18	+0.22	10.18	+0.21
Kajnarti	26-3	132.19	+0.13	132.21	+0.12
Aswan Res.	27-3	120.54	—	120.57	—
Aswan D.S.	27-3	85.63	-0.01	85.63	-0.02
Roda (Cairo)	27-3	15.79	+0.25	15.79	+0.25

Printed by the Survey & Mines Dept. 1938 (38/554)

٣٩-٣-٢٧ Isobars, Wind and Temperature at 8 h. 27-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The high pressure over Upper Egypt is maintained.
A depression south of Malta is moving slowly eastwards, but becoming shallower, with a trough of low pressure off the coast of Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION محطة	At 8 h. on 27th ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	6	06	2	4	4	—	16.4	+2.8	16	—	—	—	—	—	0	598	415
Haifa																		624
Gaza																		361
Dakhla 14h	05	5	00	0	0	0	—	18.0	+2.6	12.0	26	-5	6	-5	34	0	dr.	—
Hurghada 14h	00	9	30	3	0	0	—	16.3	+2.1	21.3	24	-3	10	-4	28	0	1	—
SHIPS سفن	23322 - 29906 - 13300 - 17865 - 30000 - 62500 - 66301.																	

الساعة ٨ يوم ٢٧

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 05 h 49 m
" " Sunset 18 h 11 m

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

DAILY WEATHER REPORT ٢٨-٣-٣٩

Month MARCH 1939 ١٩٣٩ شهر مارس

Region	STATION	14h 27th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Tuesday 28th ww	V	DD	F	W	N	C	PPP	Diff.	TTT	MM	Diff.	mm	Diff.	UU	Past 24 hrs	Total from Oct. 1	Normal from Oct. 1	Station Number
MEDITERRANEAN	SALÛM	02	8	14	5	1	5	Ci	11.8	31.8	7	06	5	14	8	1	8	Sc	11.0	-5.9	23.2	32	—	19	—	6	0	81	—	130
	MATRÛH	01	7	18	2	1	2	St	13.9	32.1	17	03	7	16	4	2	6	Sc	13.6	-2.2	22.4	33	+12	17	+6	35	0	120	153	131
	DIKHEILA	00	8	30	2	0	0	—	16.6	28.0	47	01	8	12	2	1	4	Ci	17.0	—	17.3	32	—	13	—	50	0	94	—	150
	ALEXANDRIA	00	9	26	2	0	0	—	16.0	29.3	14	02	9	16	2	2	4	Ac	15.9	+0.7	18.2	30	+8	15	+2	43	0	165	179	132
	DAMIETTA											02	7	12	2	1	4	Cc	16.3	—	19.9	27	—	16	—	72	0	70	100	159
	PORT SAÎD	00	7	04	3	0	0	—	17.2	23.8	54	01	7	04	3	1	3	Ac	16.2	+2.3	19.0	25	+3	16	+2	70	0	64	71	134
	EL 'ARÎSH	00	7	30	2	0	0	—	17.8	24.0	37	00	7	00	0	0	0	—	17.2	—	17.1	28	—	10	—	65	0	130	82	135
LOWER EGYPT	DAMANHÛR											01	7	10	2	1	2	Ci	16.6	+1.2	19.0	27	+2	13	+3	53	0	29	95	136
	MANSÛRA											01	7	02	1	1	3	Ac	15.8	—	19.0	30	+5	11	+1	42	0	46	47	137
	TANTA	00	7	04	2	0	0	—	16.7	31.0	17	02	7	00	0	1	4	As	16.3	-0.2	19.5	32	+6	11	+1	47	0	40	34	138
	ZAGÂZÎG	00	8	10	2	0	0	—	16.7	30.4	17	00	8	10	2	0	0	—	16.4	—	21.9	31	+5	11	+2	42	0	31	25	139
MIDDLE EGYPT	CAIRO ALMAZA	00	8	04	2	1	0	—	16.3	31.2	8	05	6	24	1	1	5	Cs	16.0	—	20.5	31	—	12	—	24	0	18	—	141
	CAIRO EZBEKIYA	00	8	02	2	1	0	—	16.2	31.0	10	05	5	00	0	1	5	As	15.6	+0.8	20.5	32	+6	14	+2	42	0	23	23	—
	CAIRO GÎZA	00	8	26	2	0	0	—	16.0	30.6	19	02	6	00	0	1	5	Ci	16.0	+0.5	18.2	32	+6	10	+1	61	0	23	23	—
	HELWÂN	01	7	00	0	1	1	Ci	15.6	29.8	6	02	6	00	0	2	5	Ci	15.6	+0.3	19.0	31	+5	16	+4	25	0	26	24	143
	SUEZ	00	9	32	2	0	0	—	16.3	28.0	24	01	7	26	1	1	3	As	15.8	+0.5	20.0	30	+5	13	-1	34	0	27	16	144
UPPER EGYPT	FAIYÛM	01	8	06	2	0	3	Cu	16.2	29.1	21	02	7	00	0	0	5	Sc	16.0	+0.3	18.0	31	+4	11	0	47	0	7	7	153
	MINYA	01	8	28	2	1	4	Cs	14.8	30.3	10	02	5	26	1	1	5	As	15.0	-0.7	18.1	31	+4	12	0	44	0	4	—	154
	ASYÛT	00	7	02	3	0	0	—	14.3	29.8	21	02	6	26	3	1	4	As	14.6	-0.5	20.5	31	+2	14	+2	37	0	2	4	155
	QENA	01	8	30	1	1	4	Cu	13.0	32.5	14	02	7	32	1	1	5	Sc	13.8	-0.3	23.0	33	-1	15	+1	31	0	dr.	—	156
	LUXOR	01	8	06	2	1	4	Ci	13.4	31.5	19	02	8	06	3	1	4	Cc	13.5	—	23.0	34	—	12	—	34	0	dr.	—	157
	ASWÂN	02	7	32	4	1	3	Ci	10.0	34.0	6	01	7	32	2	1	3	Cc	12.9	-1.1	20.0	35	+2	15	-1	17	0	1	—	158
WESTERN DESERT	SÎWA	02	8	10	1	2	5	Cu	14.6	33.0	55																		7	148
	BAHARÎYA	02	9	00	0	1	4	—	15.4	30.0	11	03	9	00	0	2	6	—	—	—	19.0	32	—	14	—	30	0	1	—	149
	KHARGA	00	8	04	3	0	0	—	13.1	31.5	21	00	8	32	1	0	0	—	14.2	-0.7	23.1	32	+1	12	-1	29	0	dr.	tr.	151
	DÂKHLA	02	6	10	3	1	4	Ci	13.8	32.4	6	02	5	18	2	2	5	Ci	13.9	-1.4	18.3	33	+2	13	+1	19	0	dr.	—	152
RED SEA	TÔR	01	6	28	6	0	3	Cc	—	25.2	61	01	6	08	1	0	3	Cc	13.6	-0.5	22.0	27	+1	14	0	72	0	20	13	145
	HURGHÂDA											02	9	30	3	1	4	Ci	14.4	+0.3	24.9	29	+2	14	0	25	0	1	—	146
	QUSEIR	01	7	02	3	0	1	Ci	14.6	26.4	42	01	7	30	3	0	1	Ci	14.3	+0.9	24.8	27	+1	18	0	54	0	tr.	6	147
	PORT SUDAN	01	—	04	4	0	4	—	10	29	65	00	—	28	1	0	0	—	11.5	-0.5	26.9	30	0	24	+4	31	0	71	107	1 9
NORTH SUDAN	WÂDI HALFA											02	8	32	2	1	5	Ac,Ci	11.5	-2.1	21.2	34	0	15	0	27	—	—	—	165
	KAREIMA											00	8	32	2	0	0	—	11.2	-0.6	21.2	36	-1	17	-1	27	0	0	1	166
	'ATBARA	04	—	02	2	0	—	—	6	36	15	00	—	08	3	0	0	—	9.0	-1.6	25.0	36	-1	17	-2	19	0	6	1	167
	KHARTÛM											00	8	02	3	0	0	—	8.4	-0.8	24.6	40	+1	19	-1	11	0	dr.	5	168
	KASSALA											00	8	02	3	0	0	—	5.5	-2.8	24.3	39	0	17	-3	33	0	dr.	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	32	4	0	4	—	3	39	15	00	—	06	4	0	0	—	7.4	-1.3	26.7	40	0	17	-3	15	0	2	13	171
	DUEIM											00	—	—	3	0	0	—	8.3	-1.2	26.0	40	+1	21	+3	22	0	14	12	173
	RENK	00	8	28	3	0	0	—	3.0	40	5	00	7	28	1	0	0	—	8.0	—	—	40	—	19	—	19	0	—	—	182
	ROSEIRES											00	—	26	1	0	0	—	4.2	-3.8	28.9	43	+3	20	0	21	0	27	41	172
	EL OBEID											00	8	32	1	0	0	—	8.9	-1.8	23.7	37	0	19	+2	20	0	8	21	174
	EL FASHER	01	—	04	2	0	4	—	—	39	15	00	—	04	2	0	0	—	—	—	21.2	41	+4	15	-1	14	0	0	8	175
	GENEINA	00	7	24	2	0	0	—	—	39	—	00	8	32	1	0	0	—	—	—	21.2	40	—	18	—	—	0	dr.	—	179
	KADUGLI	18	4	04	4	3	0	—	3.2	39	11	17	—	28	4	3	0	—	7.8	—	23	—	—	27	—	35	0	—	—	187
S. SUDAN	MALAKÂL											01	8	32	1	1	4	Ac	7.8	-1.4	29.9	39	0	23	+1	40	0	83	101	176
	WÂU											00	—	16	1	0	0	—	6.3	-2.3	27.2	38	0	23	+1	63	0	116	175	177
	JÛBA											02	8	12	3	1	5	Sc	8.1	-1.8	25.4	34	-2	23	+1	76	0	277	176	178

(14h on 27th: الساعة ١٤ يوم ٢٧ — 8h on Tuesday 28th: الساعة ٨ يوم الثلاثاء ٢٨)

UPPER WINDS ٢٨

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

SALÛM 7h	MATRÛH 7h	DIKHEILA 8h	CAIRO 8h 30m	HELWÂN 8h	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 6h	KAREIMA 7h	KHARTÛM 6h	KASSALA 5h	EL OBEID 7h	MALAKÂL 7h	JÛBA 6h	Salum 27th 13h
02.16.50	02.17.70	02.14.40	05.09.25	12.00.00	02.10.05	02.01.10	03.04.20	06.06.15	06.02.40	06.00.00	07.01.25	06.24.15	06.26.20	02.16.35
05.20.—	05.18.40	05.14.20	10.08.40	05.09.25	05.08.30	05.05.40	06.07.45	10.06.20	10.04.40	10.03.25	10.03.45	10.21.15	10.27.25	05.19.—
10.23.25	10.20.25	10.13.10	20.07.30	08.07.25	10.11.25	10.07.60	10.06.45	15.05.20	15.03.35	15.01.25	15.03.15	15.30.05	15.29.25	10.19.40
14.22.65	15.18.25	15.10.05	25.06.20	10.06.30	15.09.10	15.08.35	15.02.25	20.05.20	20.35.20	20.34.20	20.35.10	24.03.15	20.32.15	15.19.35
		17.06.00	30.36.15	15.04.30	20.07.15	20.06.20	20.07.20	30.03.20	30.32.25	30.29.10	30.36.15		21.31.10	20.20.45
		20.35.10	35.34.25	20.06.25			30.04.15	40.01.20	40.35.15	40.25.10				
			Tail	23.05.30			40.36.40	42.01.20	50.04.20	50.34.10				
				25.05.25			46.34.25		60.05.10					
				30.36.20					63.06.10					
				35.33.20										

Forecast for 24 hours from noon on 28th

On the coast fresh southerly winds, strengthening and veering later to westerly.
Inland light northeasterly winds, becoming moderate southerly.
High cloud increasing.
Khamsin conditions weakening late tomorrow.
Farther outlook: much cooler within two days.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٨
على السواحل رياح جنوبية تشتد وتصير غربيه
فيما بعد و في الداخل رياح خفيفة شمالية شرقية ثم
تصير جنوبية معتدلة
يكثر السحاب العالي
يأخذ الطقس الخمسيني في الضعف باكر مؤخرا
وفيما بعد ستهبط درجة الحرارة كثيرا في بحر يومين

STATION	Humidity % on 27th	Diff. from normal	Wet bulb temp °C on 27th	Diff. from normal
Alexandria	39	-27	14.0	+0.4
Ezbekiya	35	-20	13.9	-0.2
Gîza	36	-20	15.1	+1.2
Helwân	18	-26	11.9	-0.1

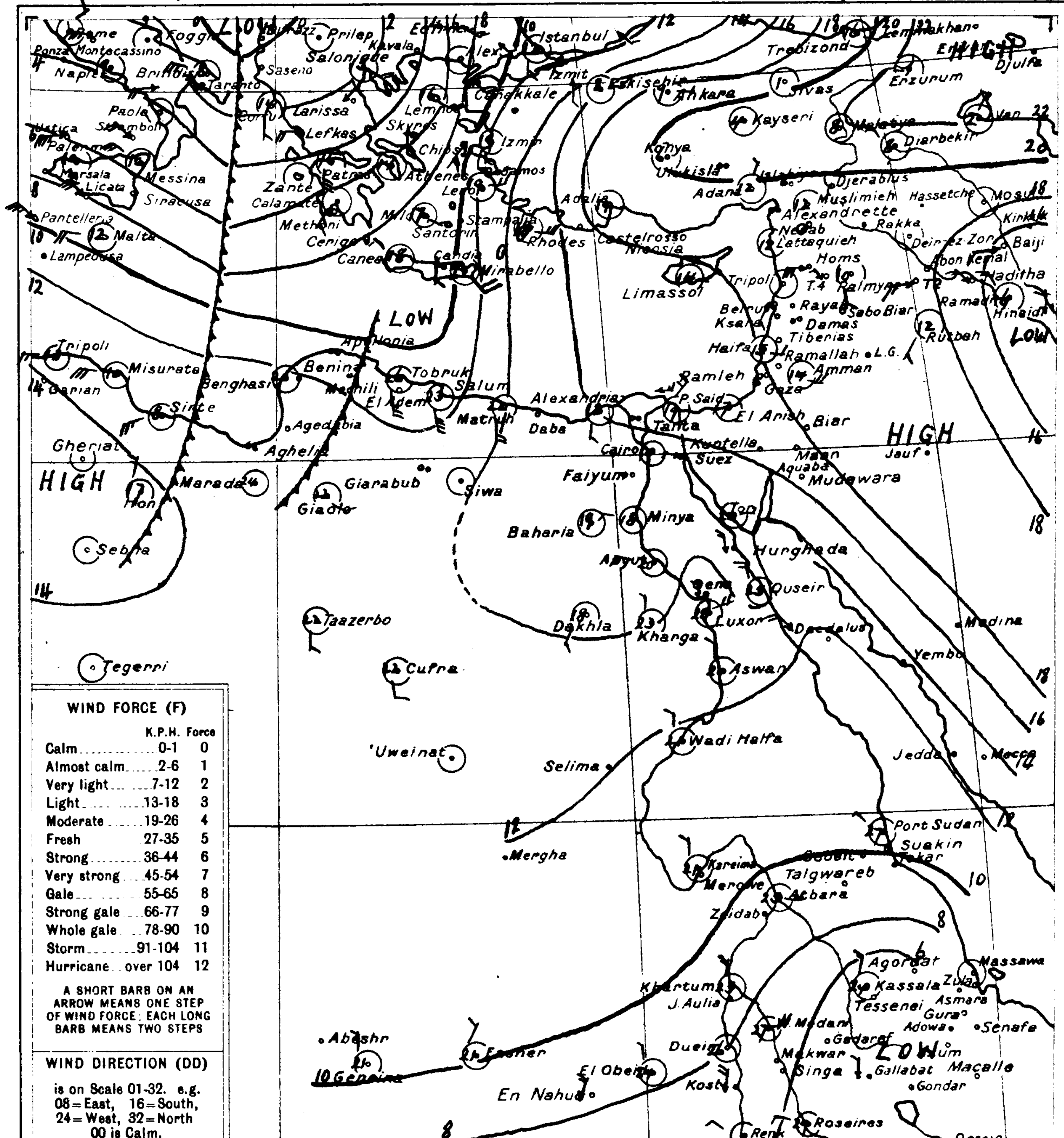
Gîza Grass minimum on 28th 4.3 °C

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

DATE	1939	1938
28-3	845	845
27-3	845	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-3	13.26	-0.01	13.26	-0.01
Nâsser	27-3	5.08	+0.02	5.10	+0.05
Malakâl	28-3	10.32	+0.21	10.33	+0.21
Roseires	28-3	11.78	+0.42	11.77	+0.41
Sennâr Res	27-3	17.65	—	17.79	—
J. Aulia U.S	27-3	374.82	—	374.93	—
J. Aulia D.S	27-3	371.55	+0.59	371.45	+0.48
Khartûm	27-3	10.61	+0.41	10.52	+0.33
Kh. el Girba					
'Atbara	28-3	10.20	+0.25	10.18	+0.22
Kajnarti	27-3	132.15	+0.12	132.19	+0.13
Aswân Res.	28-3	120.50	—	120.54	—
Aswân D.S.	28-3	85.63	-0.01	85.63	-0.01
Rôda (Cairo)	28-3	15.79	+0.26	15.79	+0.25

Isobars, Wind and Temperature at 8 h. 28-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

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

General Situation

The main depression is now passing over the Balkans.
The Mediterranean depression is now off Salum but continues to fill.
Pressure over Egypt is falling.
High pressure is extending eastwards from Algeria.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

STATION	At 8h on 28th ww	V	DD	F	W	N	C	PPP	Diff.	TTT	MM	Diff.	mm	Diff.	UU	Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	03	5	08	1	4	8	—	17.6	+4.0	14	—	—	—	—	—	0	598	416
Haifa	02	—	08	2	—	4	—	18.2	+5.0	15.4	21	-2	10	-1	55	0	548	625
Gaza																		362
Haifa 27th	01	—	08	1	—	3	—	17.5	+4.3	17.4	23	0	9	-2	59	0	548	624
SHIPS																		

(الساعة ٨ يوم ٢٨)

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h 05 m 48
" " Sunset 18 12

Month **MARCH,** 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 28th — الساعة ١٤ يوم ٢٨ | At 8 h. on WEDNESDAY 29th — الساعة ٨ يوم الأربعاء ٢٩

STATION	14h PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	8h PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	STATION NUMBER
MEDITERRANEAN																													
SALUM	08	4	14	8	3	7	Cs	10.8	31.6	8	01	7	30	5	5	3	Cu	15.9	-1.0	14.4	32	—	13	—	90	dr	81	—	130
MATRUH	02	7	16	4	2	5	Sc	12.2	32.1	32	02	7	26	4	2	5	St	14.6	-1.1	16.9	32	+11	16	+5	91	0	120	153	131
DIKHEILA	02	8	10	3	2	5	Ac	15.5	28.7	23	01	8	12	2	1	4	Ac	14.0	—	19.4	30	—	15	—	46	0	94	—	150
ALEXANDRIA	02	9	12	4	2	4	Ac	14.4	29.0	21	02	9	12	2	2	4	Ac	13.0	-2.2	17.3	29	+7	16	+3	68	0	165	179	132
DAMIETTA											01	8	10	2	2	3	Cc	13.3	—	19.0	24	—	15	—	81	0	70	100	159
PORT SAID	02	7	04	3	1	5	Ac	16.0	22.2	67	02	7	06	3	1	5	Ac	13.1	-0.8	18.9	24	+2	16	+2	87	0	64	71	134
EL ARISH	01	7	02	3	1	4	As	15.6	20.8	52	01	7	00	0	1	4	Ci	13.9	—	18.8	24	—	10	—	56	0	130	82	135
EGYPT																													
DAMANHUR											01	7	08	2	1	2	Cu	14.3	-1.1	18.8	26	0	14	+4	61	0	29	95	136
MANSURA											01	7	02	1	1	3	Sc	12.8	—	19.9	30	+4	13	+3	55	0	46	47	137
TANTA	03	7	08	2	2	8	As	14.6	27.2	26	02	7	12	1	1	4	Ac	12.7	-3.8	18.0	29	+3	12	+1	62	0	40	34	138
ZAGAZIG	01	8	02	3	1	3	Cs	15.2	28.2	22	01	8	10	2	1	2	Cs	13.3	—	17.4	29	+3	11	+2	56	0	31	25	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	03	8	04	4	1	6	Ac	14.8	30.5	11	02	7	08	3	1	5	Ac	12.2	—	20.7	33	—	12	—	42	0	18	—	141
EZBEKIYA	03	8	02	3	2	6	Cs	13.9	30.5	12	05	4	24	1	1	4	Cs	12.0	-2.8	18.2	32	+6	12	0	54	0	23	23	—
GIZA	03	7	30	3	2	6	Cs	14.0	29.6	16	02	6	00	0	1	4	Cc	12.4	-3.0	14.8	31	+5	10	+1	78	0	23	23	—
HELWAN	03	8	02	4	2	6	Cc	13.4	31.2	5	09	5	00	0	1	4	Cc	12.3	-2.9	18.1	32	+6	12	0	53	0	26	24	143
SUEZ	02	9	20	2	1	4	Ac	14.2	30.7	24	02	7	28	1	1	4	Sc	12.8	-2.4	21.0	32	+7	15	+1	39	0	27	16	144
UPPER EGYPT																													
FAIYUM	03	8	30	1	2	6	As	14.3	29.7	24	02	7	00	0	1	4	Cu	12.8	-2.9	17.0	31	+4	11	0	49	0	7	7	153
MINYA	02	8	32	2	2	5	As	12.7	31.8	19	00	5	00	0	1	0	—	12.2	-3.4	18.8	32	+4	12	0	47	0	4	—	154
ASYUT	02	7	30	2	1	5	Cc	12.7	30.8	28	00	6	22	3	0	0	—	12.8	-2.2	20.2	33	+4	14	+2	46	0	2	4	155
QENA	03	8	08	1	2	6	Cu	11.6	34.0	18	01	8	24	1	1	3	Cu	12.0	-2.0	22.0	35	+1	17	+3	36	0	dr	—	156
LUXOR	03	8	02	2	2	6	Cu	11.5	32.5	23	01	8	10	1	1	4	Cc	11.9	—	23.3	35	—	14	—	45	0	dr	—	157
ASWAN	01	7	02	4	1	3	Cc	9.7	36.0	7	02	7	32	2	2	5	Ac	11.2	-2.7	22.2	36	+3	18	+2	22	0	1	—	158
WESTERN DESERT																													
SIWA	01	8	10	2	1	2	Cs	12.2	33.0	62	02	7	00	0	2	5	Cu	14.8	-0.9	18.2	35	+8	14	+4	78	0	6	7	148
BAHARIYA	02	9	00	0	1	4	—	14.0	—	—	00	9	00	0	0	0	—	14.2		18.0	32	—	10	—	24	0	1	—	149
KHARGA	00	8	08	2	0	0	—	11.2	33.6	21	00	8	04	2	0	0	—	12.0	-2.8	20.4	34	+3	15	+2	32	0	dr	tr	151
DAKHLA	02	6	00	0	2	5	Ci	11.8	34.4	13	05	4	00	0	1	3	Ci	12.4	-2.8	20.3	35	+4	11	-1	24	0	dr	—	152
RED SEA																													
TOR	01	6	28	1	0	4	Cc	12.6	25.0	72	01	6	32	1	0	3	Ci	11.8	-2.2	21.0	25	-1	14	0	61	0	20	13	145
HURGHADA											00	9	30	3	0	0	—	12.8	-1.2	23.4	29	+2	14	0	47	0	1	—	146
QUSEIR	02	7	32	3	1	4	Ac	13.6	25.0	62	01	7	32	2	0	1	Ci	11.8	-1.5	25.4	27	+1	19	+1	49	0	tr	6	147
PORT SUDAN											00	—	32	1	0	0	—	9.6	-2.4	26.2	31	+1	24	+4	57	0	71	107	169
NORTH SUDAN																													
WADI HALFA											02	8	30	2	1	5	Ac	9.1	-4.4	20.3	36	+2	16	+1	40	—	—	—	165
KAREIMA											00	8	32	2	0	0	—	9.3	-2.4	24.0	37	0	18	0	26	0	0	1	166
ATBARA											00	—	04	2	0	0	—	8.0	-2.6	26.0	38	+1	19	0	36	0	6	1	167
KHARTUM											05	6	02	3	0	0	—	7.0	-2.2	25.3	41	+2	22	+2	28	0	dr	5	168
KASSALA											00	8	20	2	0	0	—	4.6	-3.7	25.2	41	+2	20	0	47	0	dr	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	06	5	0	0	—	5.4	-3.2	27.8	39	-1	15	-5	31	0	2	13	171
DUEIM											00	—	—	3	0	0	—	6.7	-2.7	26.4	38	-1	19	+1	33	0	14	12	173
RENK																			—									—	182
ROSEIRES											00	—	14	1	0	0	—	3.4	-4.6	28.7	43	+3	18	-2	19	0	27	41	172
EL OBEID											00	8	32	1	0	0	—	8.2	-2.5	23.3	38	+1	19	+2	31	0	8	21	174
EL FASHER																												8	175
GENEINA											00	8	02	2	0	0	—	—	—	23.8	40	—	19	—	3	0	dr	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL																												101	176
WAU											01	—	20	2	0	4	—	4.7	-3.9	27.2	39	+1	25	+3	59	0	116	175	177
JUBA											03	8	08	1	1	6	Sc	8.6	-1.3	24.0	36	0	22	0	83	9	286	176	178

UPPER WINDS — الرياح العليا ٢٩

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

SALUM 7 h.–m.	MATRUH 7 h.–m.	DIKHEILA 8 h.–m.	CAIRO 8 h.–m.	HELWAN 8 h. 30 m.	ASYUT 7 h.–m.	ASWAN 7 h.–m.	WADI HALFA 4 h.–m.	KAREIMA 4 h.–m.	KHARTUM 6 h.–m.	KASSALA 7 h.–m.	EL OBEID 6 h.–m.	MALAKAL h. m.	JUBA 6 h.–m.	Geneina 7 h.–m.
02 32 30	02 33 35	02 15 30	02 10 30	02 15 10	02 08 10	02 02 15	03 04 35	06 02 15	06 04 35	06 19 10	07 03 35		06 23 15	10 05 40
05 01 25	05 36 45	05 16 20	05 07 30	05 08 35	05 11 05	05 05 25	06 07 50	10 02 15	10 05 50	10 04 25	10 04 40		10 25 10	15 08 35
10 35 25	10 26 15	10 24 15	10 08 25	08 07 25	10 03 15	10 07 35	10 07 45	15 36 20	15 03 35	15 35 15	15 04 25		15 27 10	20 08 30
15 28 15		15 30 10	15 08 20	10 07 30	15 32 15	15 03 25	15 05 25	20 34 20	20 03 25	20 28 05	20 18 05		20 26 20	30 05 20
20 26 40		20 31 10	17 06 10	15 07 20		20 03 40	20 29 05	21 34 20	30 01 20	30 09 05	30 32 20		25 27 40	40 31 05
24 26 55		25 29 10	19 02 15	20 03 15		25 04 35	30 29 20		40 33 20	40 22 15				46 31 05
				23 36 30		30 05 35	40 30 25			50 35 15				
						35 05 05	45 28 25			60 31 25				
						40 33 20				70 32 45				
						45 32 20				80 31 55				

Forecast for 24 hours from noon on 29th

Variable winds becoming moderate to fresh west to northwest.
Clear at first; low cloud later.
Possibly light rain near the coast.
Heat wave ending this evening.
Further outlook: Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٩

رياح مختلفة الاتجاه ثم تصير غربية إلى شمالية غربية بين المعتدلة والنشيطة. السماء صحو أولاً ثم يظهر السحاب المنخفضة. يحتمل تساقط مطر خفيف بالقرب من الساحل. تنتهي الموجة الحارة هذا المساء. وفيما بعد يميل الطقس الى البرودة.

STATION	Mean of day: HUMIDITY % on 28th	Diff. from normal	WET BULB TEMP °C on 28th	Diff. from normal
Alexandria	44	-22	14.7	+1.1
Ezbekiya	32	-23	14.4	+0.2
Giza	42	-14	14.2	+0.3
Helwan	18	-26	12.5	+0.5

Giza Grass minimum on 29th 4.4 °C

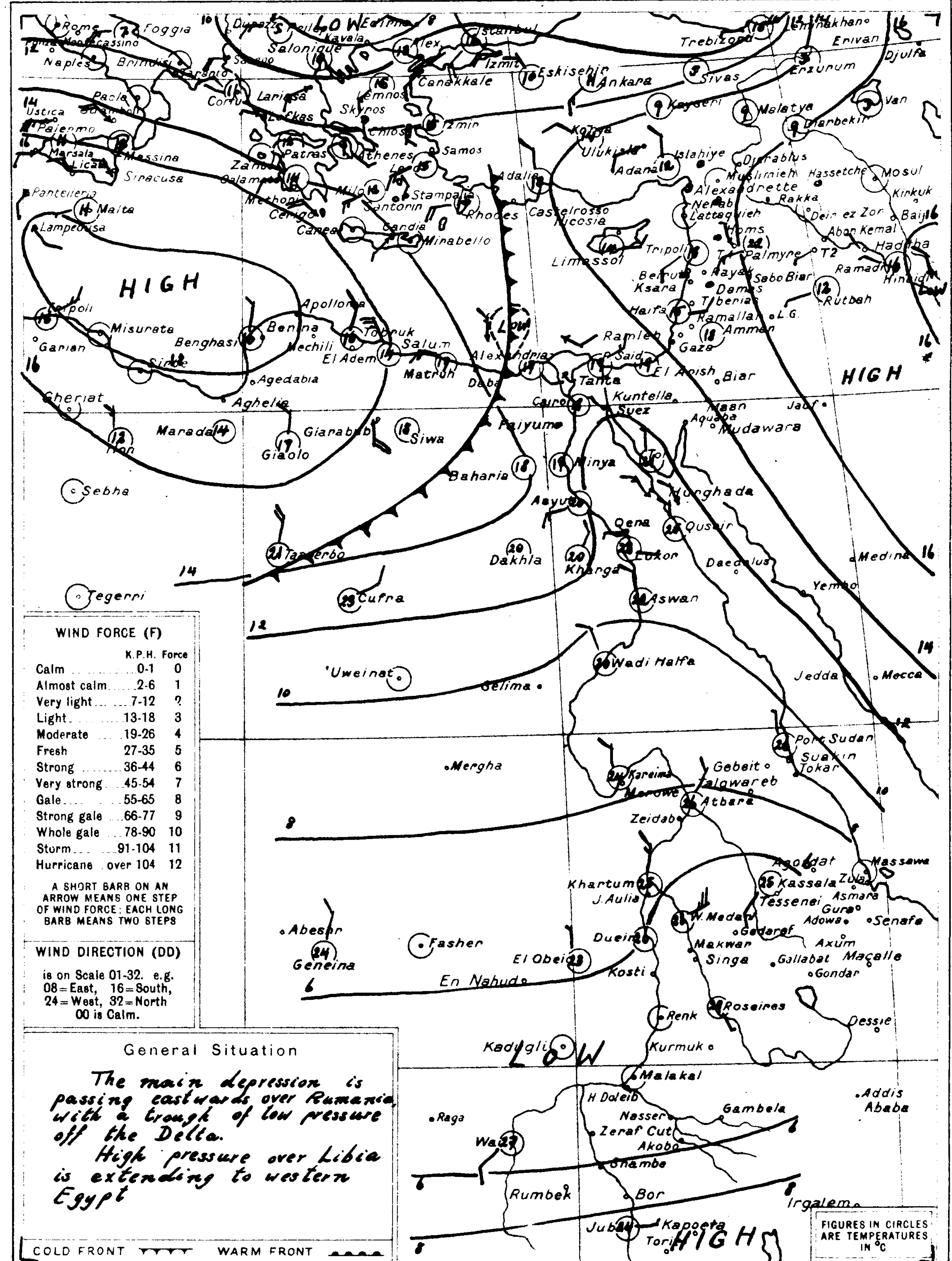
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
29-3	845	845
28-3	845	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	29-3	13.26	-0.01	13.26	-0.01
Nasser	28-3	5.08	0.00	5.08	0.00
Malakal	29-3	10.31	+0.20	10.32	+0.21
Roseires	29-3	11.80	+0.44	11.78	+0.42
Sennar Res.	28-3	17.53	—	17.65	—
J. Aulia U.S	28-3	374.85	—	374.82	—
J. Aulia D.S	28-3	371.59	+0.64	371.55	+0.59
Khartum	29-3	10.65	+0.45	10.66	+0.46
Kh. el Girba					
Atbara	29-3	10.29	+0.34	10.20	+0.25
Kajnarti	28-3	132.17	+0.16	132.15	+0.12
Aswan Res.	29-3	120.44	—	120.50	—
Aswan D.S.	29-3	85.63	0.00	85.63	-0.01
Roda (Cairo)	29-3	15.62	+0.29	15.79	+0.26

Printed by the Survey & Mines Dept. 1938 (38/554)

١٩٣٩.٤.٢٩ Isobars, Wind and Temperature at 8 h. 29. 3. 1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

The main depression is passing eastwards over Rumania, with a trough of low pressure off the Delta.
High pressure over Libia is extending to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 29th — الساعة ٨ يوم ٢٩

STATION محطة	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	08	2	0	0	—	14.0	+0.5	17	—	—	—	—	—	0	591	416
Haifa	01	—	08	2	—	3	—	14.7	+1.6	19.4	24	+1	13	+2	40	0	548	625
Gaza	02	8	32	1	0	4	Ac.	15.5	+1.6	17	—	—	8	-2	75	—	—	362

SHIPS سفن

43325. 28706 32300 23865 90992 x0003
43268. 34706 30201 11877 60002 37300
43268 34506 30101 11877 60003 23000

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h 05 m 47
„ „ Sunset h 18 m 12

Month MARCH 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

٢٩-٣-٣٠

STATION	At 14 h. on 29th Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on THURSDAY 30th Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERR. SALUM	01	8	30	5	0	2	Ac	15.2	15.9	64	03	7	32	2	2	8	As	13.1	-3.8	13.3	20	—	12	—	74	0	81	—	130
MATRUH	02	7	30	4	2	5	Sc	14.4	17.7	87	02	7	30	1	2	5	Sc	12.7	-2.9	15.3	21	0	14	+2	78	0	120	154	131
DIKHEILA	02	8	30	2	1	4	Ac	13.6	19.9	69	02	7	02	3	2	5	As	12.0	—	16.4	22	—	16	—	77	0	94	—	150
ALEXANDRIA	02	9	28	3	2	5	Cu	12.6	22.5	41	02	9	04	2	2	5	Ac	11.4	-3.7	16.2	25	+2	15	+1	79	0	165	179	132
DAMIETTA											03	8	28	3	2	8	Cu	9.9	—	17.0	27	—	15	—	87	0	70	100	159
PORT SAÏD	01	7	30	3	1	3	Ac	11.4	24.1	72	03	7	02	4	1	8	Ac	10.7	-3.1	17.5	25	+3	16	+2	80	0	64	71	134
EL 'ARISH	02	7	32	1	1	4	Cu	11.1	25.8	48	03	7	28	4	1	8	Cu	11.2	—	17.8	27	—	8	—	88	0	130	83	135
EGYPT DAMANHÛR											03	7	32	3	2	8	As	12.2	-3.2	17.3	28	+2	14	+4	79	0	29	95	136
MANSÛRA											02	5	32	1	1	4	As	11.0	—	17.2	32	+6	14	+4	78	0	46	48	137
TANTA	00	7	28	2	0	0	—	10.6	31.0	27	03	6	30	1	2	8	As	12.3	-4.1	17.0	32	+6	12	+1	80	0	40	34	138
ZAGÂZIG	01	8	26	3	1	2	Cs	10.6	32.3	18	00	7	20	2	0	0	—	12.7	—	17.4	33	+7	13	+3	85	0	31	25	139
MIDDLE EGYPT CAIRO ALMÂZA	01	8	32	3	0	4	Ci	10.4	33.0	10	05	6	04	3	2	8	As	12.2	—	17.1	34	—	14	—	75	0	18	—	141
EZBEKIYA	01	8	30	2	1	4	Cc	9.9	33.4	12	03	6	04	3	2	7	As	11.6	-3.1	16.8	34	+8	14	+2	81	0	23	23	—
GÎZA	01	8	30	3	1	4	Cc	9.5	32.6	13	05	5	02	1	2	8	As	11.9	-3.4	17.0	33	+7	13	+4	83	0	23	23	—
HELWÂN	01	7	26	4	1	3	Ci	9.3	32.0	7	05	5	32	2	2	8	As	11.9	-3.2	16.9	33	+7	15	+3	71	0	26	25	143
SUEZ	01	9	32	1	1	3	Cu	9.9	32.7	25	03	7	30	1	1	6	Sc	11.2	-4.0	17.6	34	+8	15	+1	86	0	27	16	144
UPPER EGYPT FAIYÛM	01	8	30	1	1	3	Cu	10.0	30.8	23	03	7	02	3	1	8	As	11.5	-4.1	17.1	32	+4	15	+4	74	0	7	7	153
MINYA	01	7	32	2	1	4	As	9.1	32.0	14	03	4	32	5	2	8	As	10.3	-5.2	18.0	33	+5	16	+4	71	0	4	—	154
ASYÛT	02	8	32	2	1	4	Cc	9.1	33.1	27	02	6	22	3	1	4	Cc	9.3	-5.6	19.0	35	+6	15	+3	70	0	2	4	155
QENA	00	8	24	2	0	0	—	8.7	34.5	19	00	8	08	1	0	0	—	8.7	-5.2	23.3	36	+2	14	0	36	0	dr.	—	156
LUXOR	01	8	06	3	0	3	Ci	8.4	34.6	22	01	8	02	2	0	2	Ci	8.7	—	22.8	37	—	13	—	41	0	dr.	—	157
ASWAN	01	7	30	2	1	3	Ci	6.1	34.0	6	00	7	00	0	0	0	—	7.3	-6.5	22.0	36	+3	17	+1	24	0	1	—	158
WESTERN DESERT SIWA	03	8	32	2	2	6	Cu	13.0	28.9	63	03	7	00	0	2	8	Cu	12.1	-3.5	17.8	30	+3	16	+6	82	0	6	7	148
BAHARIYA	02	9	00	0	1	4	—	11.4	31.2	12	03	9	00	0	2	6	—	12.4	—	16.5	33	—	15	—	74	0	1	—	149
KHARGA	00	8	04	2	0	0	—	8.6	34.7	21	00	8	04	1	0	0	—	8.3	-6.4	21.7	35	+4	16	+3	40	0	dr.	tr.	151
DAKHLA	00	7	26	2	0	0	—	9.0	35.3	10	05	4	00	0	1	3	Ci	9.1	-6.0	21.0	37	+6	15	+3	29	0	dr.	—	152
RED SEA TOR	01	6	28	1	0	3	Ac	9.3	27.5	73	01	6	24	1	0	2	Cc	8.6	-5.4	22.0	29	+3	14	0	82	0	20	13	145
HURGHÂDA											00	9	30	3	0	0	—	8.4	-5.5	23.4	28	+1	14	0	43	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	10.4	24.6	73	00	7	30	1	0	0	—	8.7	-4.5	25.8	27	0	17	-1	25	0	tr.	6	147
PORT SUDAN											02	—	32	1	0	4	—	8.7	-3.2	27.1	31	+1	25	+5	52	0	71	107	1 9
NORTH SUDAN WÂDI HALFA	00	8	04	2	0	0	—	0.9	33	6	00	8	02	1	0	0	—	7.6	-5.8	22.1	35	+1	15	0	16	—	—	—	165
KAREIMA	02	8	08	4	0	4	—	4.3	35	42	00	8	02	1	0	0	—	7.1	-4.6	24.0	40	+2	18	-1	20	0	0	1	166
'ATBARA											00	—	06	3	0	0	—	6.2	-4.2	28.0	38	+1	20	+1	40	0	6	1	167
KHARTÛM											00	8	32	3	0	0	—	4.2	-4.9	26.0	42	+3	21	+1	19	0	dr.	5	168
KASSALA											00	8	02	3	0	0	—	3.8	-4.4	27.0	41	+2	20	0	49	0	dr.	11	170
CENTRAL SUDAN WAD MEDANI											00	—	04	3	0	0	—	3.1	-5.4	27.6	41	+1	17	-3	11	0	2	13	171
DUEIM	03	—	28	2	0	7	—	9	40	25	00	—	—	3	0	0	—	3.8	-5.5	30.2	41	+1	22	+3	22	0	14	12	173
RENK											00	7	20	2	0	0	—	4.6	—	30	40	—	22	—	41	0	—	—	182
ROSEIRES											00	—	24	1	0	0	—	1.3	-6.7	30.6	42	+2	18	-3	34	0	27	41	172
EL OBEID	00	8	08	2	0	0	—	—	—	—	00	8	00	0	0	0	—	4.7	-5.9	24.1	39	+2	19	+2	15	0	8	21	174
EL FASHER											00	—	04	2	0	0	—	—	—	22.5	41	+4	14	-2	15	0	0	8	175
GENEINA											00	8	08	1	0	0	—	—	—	20.4	40	—	16	—	18	0	dr.	—	179
KADUGLI																												—	187
S. SUDAN MALAKAL																												101	176
WAU	30	—	04	2	0	—	—	0	37	25	00	—	16	1	0	0	—	2.1	-6.5	29.5	38	0	24	+2	52	0	116	176	177
JUBA											01	8	12	3	0	4	Sc	6.3	-3.7	25.4	36	0	22	0	76	0	286	178	178

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

UPPER WINDS

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 8 h. m.	CAIRO 8 h. 30 m.	HELWAN 8 h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTUM 6 h. m.	KASSALA 5 h. m.	EL OBEID 6 h. m.	MALAKAL h. m.	JUBA 6 h. m.	Salum 29th 13 h. m.
02.34.20	02.36.15	02.36.20	02.03.20	02.03.20	02.31.10	02.05.15	03.03.25	06.04.25	06.02.45	06.06.15	07.04.30		06.25.20	02.34.35
05.02.20	05.03.15	05.31.20	05.01.25	05.34.40	05.23.05	05.11.25	06.05.40	10.04.10	10.02.35	10.03.20	10.05.40		10.24.25	05.32.10
10.35.15	10.34.20	10.27.35	10.35.30	08.34.15	10.21.05	10.09.30	10.05.45	15.03.05	15.36.15	15.34.20	15.04.20		15.24.25	10.12.05
12.31.25	15.30.25	15.28.75		10.34.15	15.23.05	15.07.30	15.06.30	20.01.10	20.02.10	20.31.15	20.11.10		20.21.15	12.29.15
Ent. Sc	18.27.35	20.28.60		15.31.20	20.26.05	20.03.20	20.05.40		30.26.15	30.24.35	25.17.10		30.21.25	15.27.35
	Ent. Sc.	25.26.50		20.25.30		25.36.20			40.32.25	40.34.30			40.17.05	20.26.35
		27.25.70		23.28.35		30.31.15			50.28.20					
				25.23.25					60.26.45					
				30.23.30					70.28.50					
				36.24.50					80.21.25					

Forecast for 24 hours from noon on 30th

On the coast moderate winds between northwest and northeast. Inland light northerly winds, becoming moderate northeast.

Much medium cloud at times today; some low cloud tomorrow. Light rain near the coast.

Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣٠
على الساحل رياح معتدلة بين شمالية غربية وشمالية شرقية
وفي الداخل رياح شمالية خفيفة ثم تصير شمالية شرقية معتدلة
يكثر السحاب المتوسط الارتفاع أحيانا اليوم ثم يظهر
السحاب المنخفض باكر وتساقط مطر خفيف بالقرب من الساحل
ودرجة الحرارة حول المعدل

STATION	Mean of day Humidity % on 29th	Diff. from normal	Wet bulb temp °C on 29th	Diff. from normal
Alexandria	59	-7	15.0	+1.3
Ezbekiya	53	-2	16.2	+1.9
Gîza	64	+8	16.1	+2.1
Helwân	45	+1	15.1	+3.0

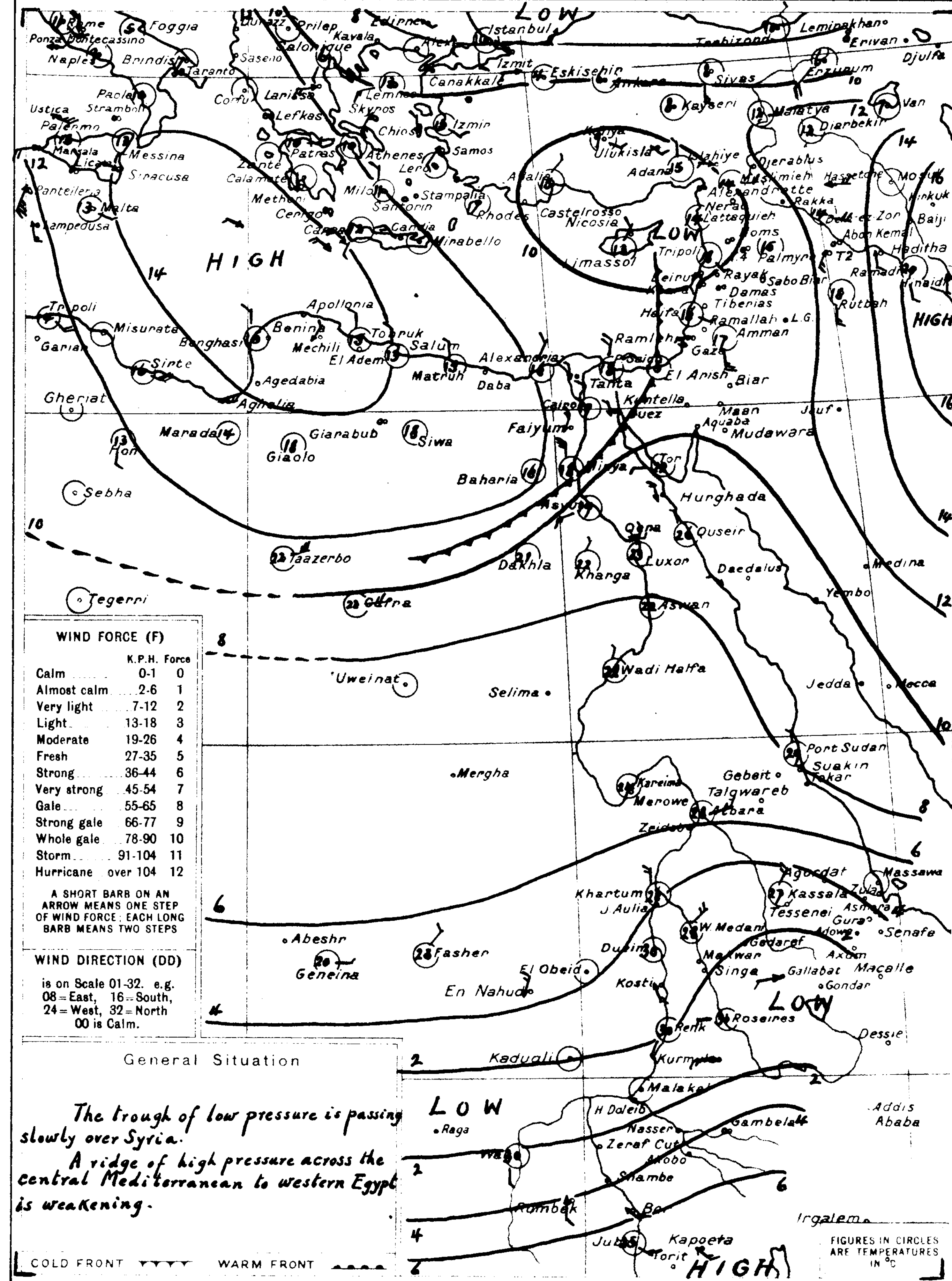
Gîza Grass minimum on 30th 8.5 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
30-3	845	844
29-3	845	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-3	13.28	+0.01	13.26	-0.01
Nasser	29-3	5.09	0.00	5.08	0.00
Malakal	30-3	10.29	+0.18	10.31	+0.20
Roseires	30-3	11.83	+0.47	11.80	+0.44
Sennâr Res	29-3	17.40	—	17.53	—
J. Aulia U.S	29-3	374.84	—	374.85	—
J. Aulia D.S	29-3	371.58	+0.64	371.59	+0.64
Khartûm	30-3	10.64	+0.43	10.65	+0.45
Kh. el Girba					
'Atbara	29-3	10.29	+0.34	10.20	+0.25
Kajnarti	29-3	132.21	+0.21	132.17	+0.16
Aswân Res.	30-3	120.43	—	120.44	—
Aswân D.S.	30-3	85.62	-0.01	85.63	0.00
Rôda (Cairo)	30-3	15.79	+0.27	15.82	+0.29

Isobars, Wind and Temperature at 8 h. 30-3-39



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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

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

General Situation

The trough of low pressure is passing slowly over Syria.

A ridge of high pressure across the central Mediterranean to western Egypt is weakening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION	At 8 h. on 30th Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	5	04	2	2	8	—	9.0	-4.5	13	—	—	—	—	—	0	598	418
Haifa	03	—	10	1	—	8	—	10.4	-2.7	18.2	29	+6	14	+3	70	0	548	626
Gaza			—															364
SHIPS																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 130

CAIRO
Time of Sunrise h. 05 m. 45
" " Sunset 18 13

Month March 1939 ١٩٣٩ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 30th — الساعة ١٤ يوم ٣٠ | At 8 h. on FRIDAY 31st — الساعة ٨ يوم الجمعة ٣١

STATION	14h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
SALUM	03	8	32	3	2	6	Cc	12.0	15.3	67	01	7	00	0	0	1	Cu	13.1	-3.8	12.3	16	—	9	—	80	0	81	—	130
MATRUH	03	6	28	2	2	8	St	11.8	15.9	80	01	7	30	3	1	4	Cu	12.2	-3.4	15.3	17	-4	9	-3	77	0	120	155	131
DI…	03	8	32	3	2	7	Sc	12.3	16.7	74	02	8	32	3	1	4	Sc	12.3	—	15.4	17	—	15	—	71	0	94	—	150
ALEXAN…	03	9	02	2	2	7	As	11.6	18.8	70	02	9	04	2	2	4	Ac	11.8	-3.3	17.4	19	-4	14	0	67	0	165	180	132
DAM…											02	8	30	2	2	5	Ac	11.2	—	16.5	19	—	15	—	75	0	70	101	159
PO… SAID	03	7	02	3	2	6	Ac	10.4	21.0	69	02	7	02	4	1	4	Ac	10.4	-3.4	17.7	22	0	16	+2	71	dr	64	72	134
EL …RISH	02	7	32	2	1	5	Ci	10.2	20.8	73	01	7	02	3	1	4	Cu	9.8	—	17.7	24	—	16	—	82	0	130	84	135
D…MANHUR											01	7	02	2	1	2	Cu	11.9	-3.4	16.7	22	-4	12	+2	71	0	29	96	136
…ANSURA											01	8	32	2	1	4	Ac	10.8	—	17.2	23	-3	13	+3	64	0	46	48	137
TANTA	03	7	32	2	2	8	Sc	9.9	22.5	59	02	7	04	1	1	5	Cu	11.9	-4.4	16.0	24	-3	11	0	74	0	40	34	138
ZAGAZIG	00	8	30	2	0	0	—	9.8	25.3	52	01	7	30	2	1	3	Cs	11.2	—	17.4	25	-1	13	+3	75	0	31	25	139
CAIRO ALMAZA	02	7	04	4	2	6	Sc	9.6	26.6	30	02	7	04	3	2	6	Cc	11.2	—	16.0	27	—	9	—	73	0	18	—	141
EZBEKIYA	03	7	04	2	2	6	Sc	8.8	26.4	32	02	5	02	2	1	4	Ac	11.1	-3.5	15.5	28	+2	14	+2	81	0	23	23	—
GIZA	03	7	04	1	2	6	Cc	8.3	27.2	36	02	6	02	1	2	5	As	11.1	-4.2	15.4	28	+2	14	+5	92	0	23	23	—
HELWAN	03	6	32	4	2	7	Ac	8.2	25.9	23	09	5	30	2	2	5	Sc	10.8	-4.3	15.1	27	+1	14	+2	77	0	26	25	143
SUEZ	02	9	30	2	1	5	As	9.4	23.4	55	02	7	30	1	1	4	As	10.0	-5.2	18.3	25	-1	16	+2	80	0	27	16	144
FAIYUM	02	7	02	4	1	5	As	8.7	25.8	34	03	6	32	2	2	8	As	10.7	-4.8	16.8	28	0	14	+3	69	0	7	7	153
MINYA	02	7	30	3	1	5	As	7.8	26.3	42	02	5	02	4	1	4	As	8.8	-6.6	17.0	27	-1	16	+4	70	0	4	—	154
ASYUT	02	7	30	2	1	5	Sc	7.2	31.1	32	03	6	22	3	2	8	Sc	8.3	-6.5	18.0	33	+4	16	+4	80	0	2	4	155
QENA	03	8	24	1	1	8	Cu	6.3	34.5	27	03	7	24	1	1	8	Cu	7.1	-6.8	21.0	37	+3	19	+5	61	0	dr	—	156
LUXOR	02	8	30	2	2	5	Cs	7.0	35.2	22	03	6	10	3	2	8	Cs	7.0	—	24.0	38	—	18	—	51	0	dr	—	157
ASWAN	01	7	00	0	1	3	Ci	3.4	38.3	15	01	7	00	0	1	3	Ac	5.7	-8.0	22.0	40	+7	19	+3	37	0	1	—	158
SIWA	02	8	32	2	2	5	Cu	11.2	25.9	48	00	8	00	0	1	0	—	13.0	-2.6	17.4	27	-1	13	+3	76	0	6	7	148
BAHARIYA											02	9	00	0	1	4	—	11.5	—	16.5	30	—	13	—	65	0	1	—	149
KHARGA	00	8	04	1	0	0	—	6.3	33.3	29	00	8	32	1	0	0	—	7.2	-7.4	20.9	34	+3	15	+2	44	0	dr	tr	151
DAKHLA	02	7	00	0	1	5	Ci	6.7	34.0	47	03	4	22	1	2	7	Cs	9.1	-5.9	22.0	36	+4	18	+6	43	0	dr	—	152
TOR	01	6	28	3	0	4	As	7.2	23.5	81	03	6	28	2	2	8	Ns	7.2	-6.7	21.5	27	+1	17	+3	74	0	20	13	145
HURGHADA											02	6	30	3	2	5	Sc	8.2	-5.6	22.1	27	0	17	+3	65	0	1	—	146
QUSEIR	02	7	02	2	1	4	Ac	8.2	24.0	83	02	7	00	0	1	5	As	7.9	-5.3	24.0	27	0	18	0	60	0	tr	6	147
PORT SUDAN											06	—	32	1	3	—	—	7.8	-4.1	28.7	31	+1	28	+8	71	1	72	107	169
WADI HALFA											01	8	12	1	0	3	Ci	4.9	-8.4	23.8	41	+7	16	+1	20	—	—	—	165
KAREIMA											00	8	02	2	0	0	—	6.1	-5.4	25.0	40	+2	19	0	28	0	0	1	166
ATBARA											00	—	08	4	0	0	—	5.8	-4.5	29.5	39	+1	23	+4	46	0	6	1	167
KHARTUM											00	8	32	1	0	0	—	4.8	-4.2	26.2	42	+3	20	0	30	0	dr	5	168
KASSALA											00	8	06	3	0	0	—	3.0	-5.1	30.4	40	+1	23	+2	41	0	dr	11	170
WAD MEDANI											00	—	06	3	0	0	—	3.6	-4.8	29.7	41	+1	20	0	16	0	2	13	171
DUEIM											00	—	—	2		0	—	3.1	-6.1	29.8	41	+1	23	+4	28	0	14	12	173
RENK																													182
ROSEIRES											00	—	04	1	0	0	—	1.4	-6.5	24.7	42	+2	20	-1	45	0	27	41	172
EL OBEID											01	7	00	0	0	3	Cs	4.4	-6.1	25.2	39	+2	17	-1	22	0	8	21	174
EL FASHER											00	—	32	1	0	0	—	—	—	22.0	42	+5	15	-2	17	0	0	8	175
GENEINA											02	8	04	2	1	5	Ci, Ac	—	—	19.6	41	—	15	—	25	0	dr	—	179
KADUGLI																													187
MALAKAL																													176
WAU											00	—	20	3	0	0	—	1.5	-7.1	28.8	41	+3	24	+2	53	0	116	177	177
JUBA											01	8	16	2	0	4	Sc	4.0	-6.0	27.2	37	+1	23	+1	69	0	286	179	178

UPPER WINDS

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

SALUM 7 h.	MATRUH h. m.	DIKHEILA 8 h.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 4 h.	KAREIMA 7 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL h. m.	JUBA 6 h.	Salum 30th 13 h.
02 00 00		02 34 25					03 04 10	06 02 25	06 02 25	06 09 10	07 05 25		06 24 20	02 36 05
05 02 15		05 36 15					06 07 25	10 01 15	10 03 20	10 05 15	10 06 30		10 24 30	05 00 00
10 32 30		10 34 15					10 08 10	15 02 20	15 02 20	15 35 15	15 06 25		15 22 25	10 29 15
15 30 30		16 35 10					13 08 15	20 05 25	20 04 20	20 35 15	20 05 15		20 23 15	15 31 15
20 30 35		Ext. Sc.						30 07 30	30 03 15	30 30 15	30 24 10		30 22 10	20 25 30
25 29 35								31 07 35	40 35 15	40 01 45	35 23 25			25 29 25
										50 02 65				30 28 35
														35 27 45
														39 27 55

Forecast for 24 hours from noon on ...

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity % on 30th	Diff. from normal	Wet Bulb Temp °C on 30th	Diff. from normal
Alexandria	77	+11	14.4	+0.6
Ezbekiya	71	+16	15.8	+1.4
Giza	72	+17	16.5	+2.4
Helwan	64	+20	14.6	+2.5

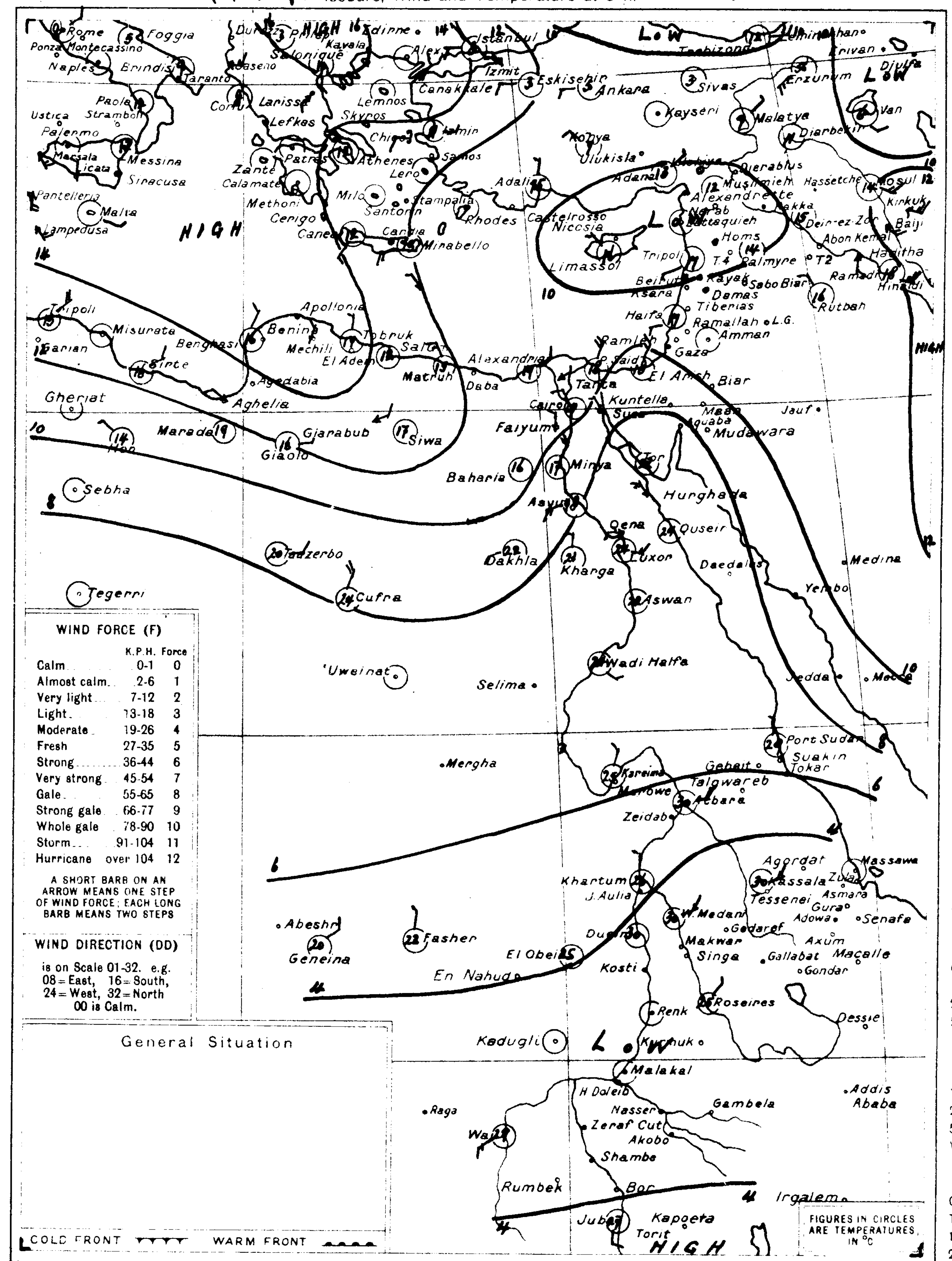
Giza Grass minimum on 31st 11.1 °C

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

DATE	1939	1938
31-3	845	845
30-3	845	844

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	31-3	13.28	+0.01	13.28	+0.01
Nasser	30-3	5.16	+0.06	5.09	0.00
Malakal	31-3	10.27	+0.17	10.29	+0.18
Roseires	31-3	11.83	+0.48	11.83	+0.47
Sennar Res.	31-3	17.21	—	17.29	—
J. Aulia U.S	31-3	374.80	—	374.82	—
J. Aulia D.S	31-3	371.57	+0.64	371.58	+0.64
Khartum	31-3	10.63	+0.41	10.64	+0.43
Kh. el Girba					
Atbara	31-3	10.40	+0.45	10.35	+0.40
Kajnarti	31-3	132.26	+0.28	132.24	+0.25
Aswan Res.	31-3	120.40	—	120.43	—
Aswan D.S.	31-3	85.61	-0.01	85.62	-0.01
Roda (Cairo)	31-3	15.79	+0.28	15.79	+0.27

٣١-٣-٣٩ Isobars, Wind and Temperature at 8 h. 31-3-39



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

SCALE 1:15.000.000 Kms. 200 100 0 200 400 600 Kms

At 8 h. on 31st — الساعة ٨ يوم ٣١

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	28	2	1	2	—	9.3	-4.2	16	—	—	—	—	—	0	598	420
Haifa	02	—	22	1	—	5	—	10.4	-2.6	17.0	20	-3	16	+5	72	0	548	627
Gaza	02	7	26	2	2	5	As	10.6	-3.2	16	—	—	14	+3	85	—	—	364
Gaza 30th	02	7	20	2	1	5	As	11.2	-2.6	16	—	—	10	-1	75	—	—	364
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 44 m
" " Sunset 18 h 13 m

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

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر ابريل

At 14 h. on 31st — الساعة ١٤ يوم ٣١ ; At 8 h. on SATURDAY 1st — الساعة ٨ يوم السبت ١

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	...LÛM	01	8	32	4	0	1	Cc	12.7	15.9	65	01	7	00	0	0	3	Cu	14.2	-2.7	14.0	16	—	12	—	71	0	81	—	130
	...TRUH	00	7	32	4	0	0	—	11.9	16.6	75	01	7	06	3	0	3	Cu	13.6	-1.9	16.4	17	-4	13	+1	66	0	120	155	131
	DIKHEILA	01	8	28	3	1	3	Sc	12.6	16.5	70	01	8	02	3	1	4	Sc	14.4	—	16.1	17	—	15	—	59	0	94	—	150
	ALEXANDRIA	02	9	30	3	2	4	Ac	12.0	18.3	64	02	9	04	2	2	4	Ac	13.8	-1.2	16.3	19	-4	14	0	61	0	165	180	132
	DAMIETTA											02	8	28	2	2	5	Ac	12.6	—	16.0	19	—	12	—	64	0	70	101	159
	PORT SAÎD	01	7	30	4	1	3	Cu	10.7	21.0	60	02	8	04	5	1	4	Sc	13.3	-0.4	16.6	22	0	14	0	60	0	64	72	134
	EL 'ARISH	01	7	30	3	1	3	Cu	10.3	18.8	72	01	7	00	0	1	3	Cu	12.6	—	19.0	19	—	12	—	62	0	130	84	135
LOWER EGYPT	DAMANHÛR											01	7	32	2	1	3	Cu	13.9	-1.4	16.8	26	0	10	0	61	0	29	96	136
	MANṢURA											01	7	32	1	1	4	Sc	13.0	—	15.9	23	-3	10	0	54	0	46	48	137
	...NTA	00	7	02	2	1	0	—	9.9	23.0	52	01	7	32	1	1	4	Ac	13.3	-3.0	16.0	24	-3	8	-3	64	0	40	34	138
	...GÂZIG	00	8	30	2	1	0	—	10.3	23.5	48	00	8	30	2	0	0	—	13.9	—	16.3	24	-2	9	-1	69	0	31	25	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	32	2	0	0	—	10.3	22.8	39	05	7	02	1	1	3	Sc	13.6	—	14.8	27	—	11	—	66	0	18	—	141
	CAIRO EZBEKIYA	00	8	32	3	1	0	—	9.9	23.8	41	00	5	02	2	0	0	—	13.1	-1.5	14.6	25	-1	10	-2	72	0	23	23	—
	CAIRO GÎZA	00	9	30	1	1	0	—	9.4	24.5	36	05	5	30	1	0	0	—	13.4	-1.8	14.0	25	-1	9	0	75	0	23	23	—
	HELWÂN	00	7	30	4	1	0	—	9.0	23.4	23	05	6	32	3	0	3	Cu	13.1	-1.9	14.5	24	-2	12	-1	63	0	26	25	143
	SUEZ	01	9	32	3	1	3	Ac	8.6	22.8	60	01	8	02	2	2	3	Cu	13.1	-2.1	16.2	24	-2	12	-2	65	0	27	16	144
UPPER EGYPT	FAIYÛM	00	8	30	3	0	0	—	9.0	24.0	33	00	7	02	3	0	0	—	13.5	-1.9	14.3	25	-3	10	-1	70	0	7	7	153
	MINYA	01	7	32	4	1	3	As	8.4	25.0	33	00	6	32	4	0	0	—	12.2	-3.2	14.9	26	-2	12	0	69	0	4	—	154
	ASYÛT	03	7	30	3	2	8	Sc	7.5	28.0	33	00	7	28	3	0	0	—	11.9	-2.8	16.5	29	-1	10	-3	65	0	2	4	155
	QENA	03	8	24	2	2	8	Cu	5.5	32.7	24	00	8	24	1	0	0	—	9.3	-4.5	21.7	34	0	17	+3	46	0	dr	—	156
	LUXOR	03	7	26	3	2	8	Cs	5.1	32.8	30	00	8	14	2	0	0	—	9.3	—	24.5	36	—	17	—	48	0	dr	—	157
	ASWÂN	01	7	20	1	1	3	Cu	2.0	39.8	12	01	7	04	4	1	3	Cu	7.6	-6.0	24.4	41	+8	22	+6	27	0	1	—	158
WESTERN DESERT	SIWA	01	8	06	1	1	3	Cu	10.5	27.0	43	00	8	00	0	0	0	—	13.4	-2.1	13.8	28	0	11	+1	69	0	6	7	148
	BAḤARIYA	00	9	00	0	0	0	—	10.3	26.5	28	00	9	00	0	0	0	—	13.5	—	14.0	27	—	10	—	67	0	1	—	149
	KHÂRGA	00	8	32	2	0	0	—	4.7	—	—	00	7	02	4	0	0	—	9.8	-4.8	20.4	—	—	16	+3	31	0	dr	tr	151
	DAKHLA	03	5	32	3	2	8	Cc	8.0	29.0	27	03	5	00	0	2	7	Cc	11.2	-3.7	20.0	30	-2	16	+4	46	0	dr	—	152
RED SEA	TÔR	02	6	28	3	2	4	Sc	6.3	22.5	75	00	6	28	5	0	0	—	8.8	-5.0	19.8	24	-2	17	+3	74	0	20	13	145
	HURGHÂDA											00	9	30	4	0	0	—	9.3	-4.5	21.2	26	-1	16	+2	41	0	1	—	146
	QUSEIR	02	7	32	2	1	4	Ac	6.8	25.5	65	00	7	32	4	0	0	—	8.8	-4.3	22.8	26	-1	19	+1	60	0	tr	6	147
	PORT SUDAN											00	—	12	1	0	0	—	6.8	-5.0	27.8	32	+2	27	+7	80	0	71	107	169
NORTH SUDAN	WÂDI HALFA											00	8	02	2	0	0	—	5.9	-7.3	23.2	40	+6	18	+3	31	—	—	—	165
	KAREIMA											00	8	32	3	0	0	—	5.3	-6.2	27.8	41	+3	21	+2	17	0	0	1	166
	'ATBARA											00	—	06	2	0	0	—	4.3	-5.8	30.8	40	+2	23	+4	29	0	6	1	167
	KHARTÛM											03	8	06	2	1	6	Cs	3.5	-5.5	29.8	44	+4	23	+3	21	0	dr	5	168
	KASSALA											00	8	02	3	0	0	—	2.7	-5.4	29.8	41	+1	23	+2	41	0	dr	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	06	5	0	0	—	2.6	-5.8	31.7	42	+2	21	+1	21	0	2	13	171
	DUEIM											00	—	—	3	0	0	—	5.0	-4.2	31.4	42	+2	24	+5	31	0	14	13	173
	RENK																												—	182
	ROSEIRES											00	—	20	1	0	0	—	0.8	-7.1	32.4	44	+4	23	+2	24	0	27	41	172
	EL OBEID											01	7	00	0	0	4	Ci	4.0	-6.5	29.0	41	+4	19	+1	24	0	8	21	174
	EL FÂSHER											03	8	00	0	1	6	Ci	—	—	23.1	41	+4	16	-1	38	0	0	8	175
	GENEINA											03	8	08	1	1	7	As	—	—	19.0	41	—	17	—	30	0	dr	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL																												102	176
	WÂU											01	—	12	1	6	4	—	5.0	-3.6	25.0	40	+2	23	+1	72	3	119	178	177
	JÛBA											03	8	16	1	1	6	St	6.9	-3.0	27.0	37	+1	25	+3	69	0	286	180	178

UPPER WINDS

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

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA 8 h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 8 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTÛM 6 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL h. m.	JÛBA 5 h. m.	Geneina 6 h. m.
02.00.00	02.05.15	02.02.10	02.02.20	02.03.20	02.01.20	02.36.25	03.02.25	06.11.05	06.03.45	06.07.15	07.04.20		06.25.05	10.03.20
05.06.25	05.06.35	05.02.10	05.03.20	05.03.25	05.36.45	05.01.45	06.04.40	10.31.10	10.03.40	10.05.25	10.05.45		07.27.05	15.05.20
10.33.35		08.01.10	10.35.20	08.04.25	10.36.45	10.01.35	10.01.40	15.20.20	15.02.30	15.01.35	15.05.35		10.00.00	20.10.10
15.30.35			14.32.25	10.03.20	15.34.55	15.36.40	15.23.05	20.34.20	20.03.15	20.35.30	20.06.20			27.12.20
20.28.50				15.32.30		20.30.45	20.25.15		30.32.15		30.11.10			
				16.33.30			30.27.40		40.29.35					
							33.25.50		46.29.30					

Forecast for 24 hours from noon on 1st

Winds chiefly northeast, light to moderate on the coast; moderate to fresh inland.
Clear or occasional low cloud.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١
رياح شمالية شرقية في أغلبها ما بين الخفيفة والمعتدلة على السواحل ومعتدلة إلى نشطة في الداخل
صحو أو قليل من بعض السحب المنخفضة
ودرجة الحرارة حول المعدل

STATION	Mean of day: Humidity % on 31st	Diff. from normal	Wet bulb temp °C on 31st	Diff. from normal
Alexandria	66	0	13.6	-0.2
Ezbekîya	67	+12	14.7	+0.2
Gîza	70	+15	15.1	+0.9
Helwân	58	+14	13.1	+0.9

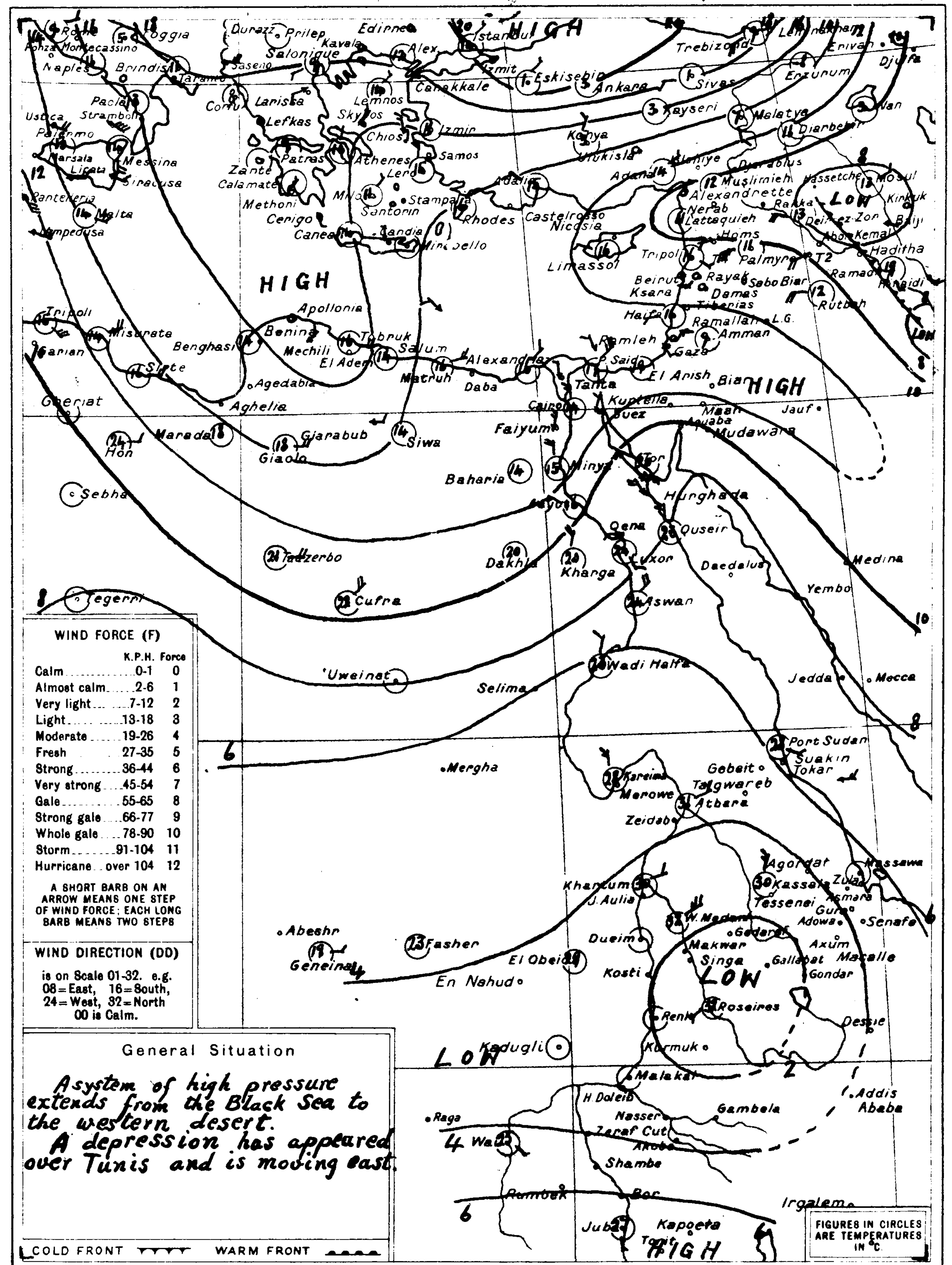
Gîza Grass minimum on 1st 4.3 °C

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

DATE	1939	1938
1-4	822	775
31-3	845	845

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1-4	13.26	-0.01	13.28	+0.01
Nâṣṣer	30-3	5.16	+0.06	5.09	0.00
Malakâl	1-4	10.26	+0.17	10.27	+0.17
Roṣeires	1-4	11.82	+0.47	11.83	+0.48
Sennâr Res.	31-3	17.21	—	17.29	—
J. Aulia U.S	31-3	374.80	—	374.82	—
J. Aulia D.S	31-3	371.57	+0.64	371.58	+0.64
Khartûm	31-3	10.63	+0.41	10.64	+0.43
Kh. el Girba	—	—	—	—	—
'Atbara	1-4	10.42	+0.46	10.40	+0.45
Kajnarti	31-3	132.26	+0.28	132.24	+0.25
Aswân Res.	1-4	120.33	—	120.40	—
Aswân D.S.	1-4	85.58	-0.04	85.61	-0.01
Rôda (Cairo)	1-4	15.79	+0.28	15.79	+0.29

.١٩٣٩-٤-١ Isobars, Wind and Temperature at 8 h. 1-4-1939.



WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

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

General Situation

A system of high pressure extends from the Black Sea to the western desert.
A depression has appeared over Tunis and is moving east.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

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

At 8 h. on 1st — الساعة ٨ يوم أول

STATION مرصد	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	7	26	1	0	2	—	11.1	-2.3	16	—	—	—	—	—	0	598	421
Haifa	03	—	22	1	—	7	—	12.1	-0.6	15.9	19	-4	13	+2	53	0	548	628
Gaza	03	6	14	2	2	8	As	13.3	-0.4	15	—	—	10	-1	75	—	—	365

SHIPS سفن

73278	33806	28500	10867	63770	53000	
73330	26906	28201	15960	61883	57000	
73315	32206	30202	13862	30405	61820	75XXX

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 130

CAIRO
Time of Sunrise 05 h. 43 m.
" " Sunset 18 h. 14 m.

Month APRIL 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

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

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	8	02	4	0	0	—	13.8	16.4	54	00	7	10	4	0	0	—	12.4	-4.5	12.8	17	—	10	—	73	0	81	—	130
MATRUH	00	7	32	2	0	0	—	13.3	17.6	63	00	7	12	2	0	0	—	12.4	-3.1	16.4	18	-4	11	-1	69	0	120	155	131
DIKHEILA	01	8	30	3	1	2	Sc	13.6	17.0	56	01	8	12	2	1	3	Cu	13.5	—	17.0	17	—	13	—	62	0	94	—	150
ALEXANDRIA	00	9	04	3	0	0	—	12.8	18.7	56	02	9	08	1	2	4	Cu	13.0	-2.0	17.2	20	-3	14	0	68	0	165	180	132
DAMIETTA											01	8	06	2	1	4	Cu	12.8	—	17.0	18	—	10	—	65	0	70	101	159
PORT SAID	00	8	04	5	1	0	—	13.3	20.0	52	01	8	04	2	1	2	Cc	12.8	-0.9	17.5	21	-1	14	0	60	0	64	72	134
EL ARISH											01	7	00	0	1	4	Cu	12.3	—	16.2	19	—	10	—	62	0	130	84	135
DAMANHUR											00	7	10	2	0	0	—	13.0	-2.2	17.2	—	—	10	0	59	0	29	96	136
MANSURA											00	8	16	1	0	0	—	12.6	—	16.8	22	-4	8	-3	58	0	46	48	137
TANTA	02	7	32	3	1	4	Ac	11.2	21.5	42	00	7	04	2	0	0	—	13.3	-2.9	16.0	22	-5	6	-5	59	0	40	34	138
ZAGAZIG	01	8	28	1	0	3	Cs	11.4	21.9	43	00	8	02	1	0	0	—	13.3	—	16.9	22	-4	7	-3	63	0	31	25	139
CAIRO ALMAZA	01	8	30	3	1	2	Cu	11.5	20.2	46	05	6	02	1	1	2	Sc	13.3	—	13.9	22	—	9	—	60	0	18	—	141
CAIRO EZBEKIYA	01	8	04	2	1	1	Cu	11.0	21.4	42	05	5	32	2	0	0	—	12.6	-1.9	14.3	23	-3	10	-2	66	0	23	23	—
CAIRO GIZA	01	8	32	1	1	3	Cu	10.8	21.4	41	00	6	30	1	1	0	—	12.7	-2.4	14.6	22	-4	8	-1	69	0	23	23	—
HELWAN	00	7	30	3	0	0	—	10.4	20.1	32	05	5	02	3	0	0	—	12.4	-2.5	14.0	22	-4	10	-3	54	0	26	25	143
SUEZ	00	9	32	2	0	0	—	9.9	21.2	39	00	8	02	2	0	0	—	12.2	-2.9	14.8	23	-3	10	-4	60	0	27	16	144
FAIYUM	00	8	30	2	0	0	—	11.0	21.7	39	00	7	02	1	0	0	—	12.3	-3.1	13.6	23	-5	8	-3	65	0	7	7	153
MINYA	00	7	32	4	0	0	—	9.8	24.2	31	00	5	02	2	0	0	—	11.9	-3.4	14.7	25	-3	9	-3	62	0	4	—	154
ASYUT	01	7	28	3	1	3	Cc	9.3	26.4	22	00	6	22	3	0	0	—	12.2	-2.4	15.0	27	-3	8	-5	66	0	2	4	155
QENA	01	8	26	4	1	3	Cu	7.5	30.4	21	00	8	24	2	0	0	—	10.6	-3.2	17.8	32	-2	12	-2	55	0	dr	—	156
LUXOR	02	7	30	4	1	4	Cc	7.5	30.4	25	01	8	14	2	0	2	Ci	10.2	—	21.2	32	—	11	—	46	0	dr	—	157
ASWAN	01	7	30	4	1	3	Cu	6.0	32.4	12	01	7	02	3	1	3	Ci	10.8	-2.7	19.3	33	-1	18	+2	29	0	1	—	158
SIWA	00	8	00	0	2	0	—	12.1	26.2	47	01	8	08	2	1	4	Cu	12.8	-2.7	15.0	28	0	13	+3	78	0	6	7	148
BAHARIYA	00	9	00	0	0	0	—	10.7	24.0	33	00	9	00	0	0	0	—	12.2	—	14.0	25	—	7	—	67	0	1	—	149
KHARGA	00	7	32	4	0	0	—	8.4	27.8	32	00	8	32	3	0	0	—	11.0	-3.6	18.0	28	-4	15	+2	58	0	dr	tr	151
DAKHLA	03	6	32	1	2	7	Cc	9.9	28.0	23	01	6	14	1	1	3	Ci	11.0	-3.8	18.0	28	-4	14	+2	42	0	dr	—	152
TOR	01	6	28	6	0	1	Cb	6.8	22.5	69	00	6	32	2	0	0	—	9.9	-3.8	18.5	25	-1	13	-1	64	0	20	13	145
HURGHADA																													146
QUSEIR	02	7	02	3	1	4	Ac	7.5	23.3	61	00	7	32	3	0	0	—	9.9	-3.2	22.0	25	-2	17	-1	50	0	tr	6	147
PORT SUDAN											30	—	32	2	2	3	—	8.0	-3.7	27.6	32	+2	28	+8	66	0	72	107	169
WADI HALFA	00	9	02	4	0	0	—	—	—	—	03	7	02	4	3	6	Ac	8.7	-4.4	23.3	36	+1	21	+6	25	—	—	—	165
KAREIMA											01	8	32	4	0	1	Ci	6.7	-4.7	27.0	41	+3	17	-2	15	0	0	1	166
ATBARA											00	—	32	4	0	0	—	5.4	-4.7	28.5	42	+4	22	+3	45	0	6	1	167
KHARTUM											03	8	32	2	1	7	Cs	3.3	-5.6	28.0	44	+4	24	+4	12	0	dr	5	168
KASSALA	01	8	24	2	0	3	Cu	98.3	42	18	01	8	16	2	1	4	Ci	3.4	-4.6	28.7	42	+2	23	+2	34	0	dr	11	170
WAD MEDANI											02	—	20	3	1	4	—	4.6	-3.7	31.0	43	+3	20	0	22	0	2	13	171
[illegible]	02	—	10	2	0	5	—	98	—	—	00	—	—	3	0	0	—	3.1	-6.0	30.6	43	+3	25	+6	38	0	14	13	173
[illegible]	03	7	20	3	2	8	Cu	0.3	39	35																		—	182
	03	—	22	1	0	8	—	98	38	25	00	—	14	1	0	0	—	3.4	-4.5	30.4	42	+2	20	-1	46	0	27	42	172
	03	8	28	2	2	6	—	98.4	41	13	03	8	20	3	1	7	Ci	5.7	-4.7	27.6	41	+4	23	+5	51	0	8	21	174
											02	7	00	0	1	5	Cs,As	—	—	24.4	39	+2	20	+3	39	0	0	8	175
	03	8	30	4	2	7	Cu,As	—	34	37	02	8	04	1	1	5	Ac	—	—	22.6	37	—	19	—	59	0	dr	—	179
																												—	187
																												103	176
											02	—	16	1	6	4	—	6.4	-2.2	24.0	36	-2	22	0	89	1	125	180	177
	03	8	14	1	1	6	Cu,Sc	—	—	—	03	8	04	2	0	7	St	8.5	-1.4	25.2	33	-3	24	+2	68	0	286	184	178

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

SALUM 7 h	MATRUH 7 h	DIKHEILA 8 h	CAIRO 08 h 30 m	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 4 h	KAREIMA 4 h	KHARTUM 6 h	KASSALA 5 h	EL OBEID 6 h	MALAKAL	JUBA 6 h	Salum 1st 13 h
02 11 15	02 09 20	02 11 15	02 06 15	02 03 25	02 32 10	02 35 15	03 03 35	06 02 15	06 04 45	06 08 15	07 22 45		06 02 15	02 04 20
05 11 —	05 09 20	05 05 15	05 06 20	05 05 20	05 36 25	05 36 35	06 03 60	10 02 15	10 03 35	10 03 30	10 25 50		10 07 20	05 04 35
08 08 20	10 08 05	10 05 15	10 07 30	08 05 35	10 33 25	10 02 25	10 01 45	15 36 20	15 01 15	15 02 40	15 27 30		15 09 25	08 09 10
09 02 15	15 33 15	15 02 15	15 06 25	10 06 30	15 35 10	15 32 25	11 36 45	20 34 20	20 28 10	20 02 40	20 27 15		20 07 10	10 12 15
10 34 15	20 35 10	20 34 20	17 02 20	15 09 20	20 35 10	20 29 45		21 34 20	30 24 20	30 34 25	30 06 25		30 08 10	
15 30 15	25 31 15	25 30 20	20 34 25	20 32 25					40 29 30	40 31 25			40 18 25	
20 32 10	30 30 20	30 31 20	25 31 20	23 32 20					50 30 20					
25 26 15			30 28 30	25 31 25					60 29 35					
30 28 15				30 28 30					63 31 50					
40 28 25				40 29 45										

Forecast for 24 hours from noon on 2nd

Moderate winds southeasterly on the coast; northeasterly inland.
Clear at first, occasional medium cloud later.
Warmer tomorrow

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢
رياح معتدلة جنوبية شرقية على الساحل .
وشمالية شرقية في الداخل
السماء صحوة في الابتداء ثم تظهر بعض السحب المتوسط فيما بعد .
يدفأ الطقس غداً .

STATION	Mean of day Humidity % on 1st	Diff. from normal	Wet bulb temp °C on 1st	Diff. from normal
Alexandria	62	-4	12.9	-1.0
Ezbekiya	60	+6	12.9	-1.7
Giza	58	+3	12.9	-1.3
Helwan	48	+5	11.5	-0.8

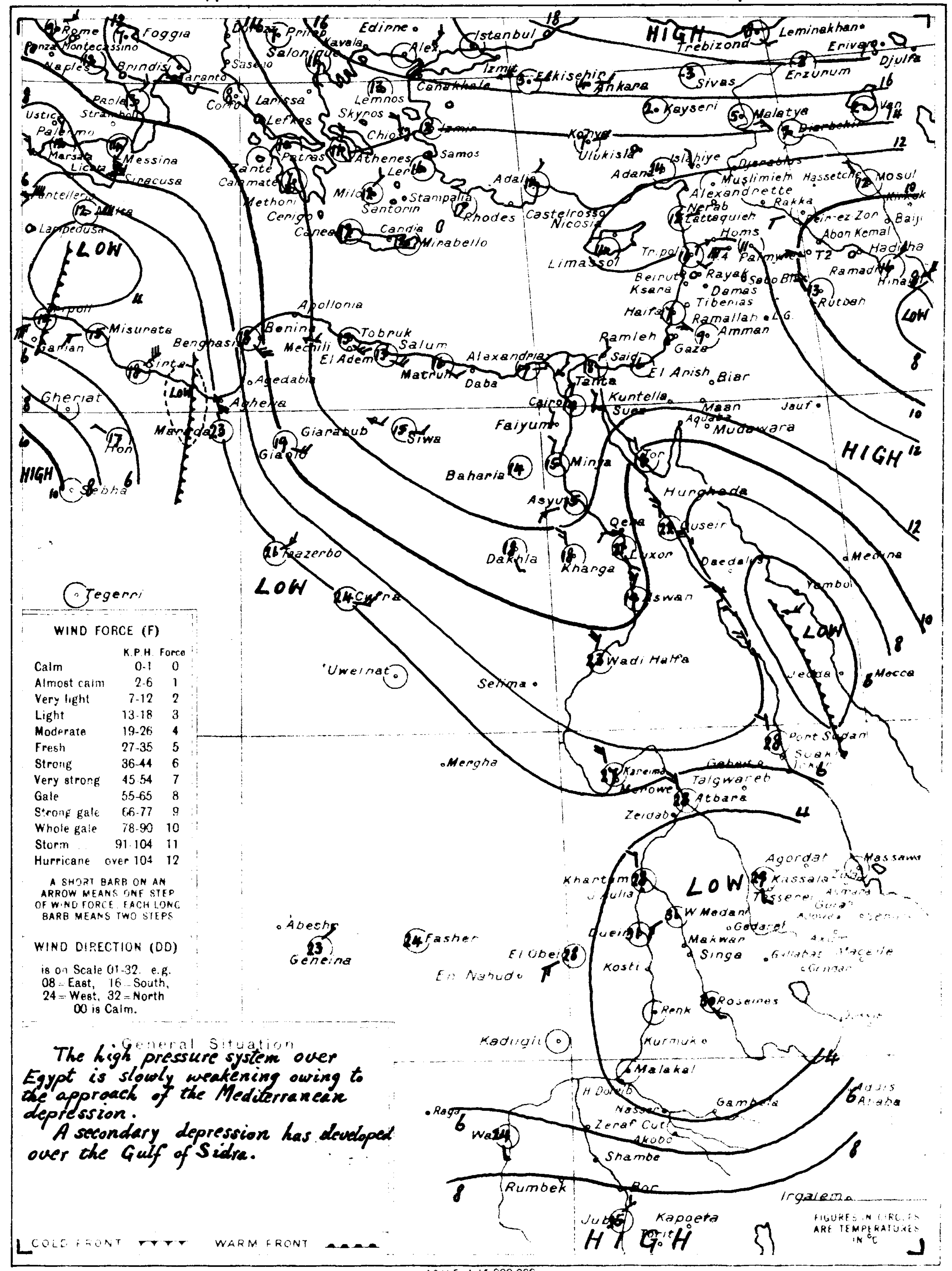
Giza Grass minimum on 2nd 2.0 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
2 - 4	822	775
1 - 4	822	775

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	2 - 4	13.26	-0.01	13.26	-0.01
Nasser	1 - 4	5.34	+0.21	5.25	+0.13
Malakal	2 - 4	10.25	+0.17	10.26	+0.17
Roseires	2 - 4	11.78	+0.44	11.82	+0.47
Sennar Res	1 - 4	17.19	—	17.21	—
J. Aulia U.S	1 - 4	374.76	—	374.80	—
J. Aulia D.S	1 - 4	371.57	+0.64	371.57	+0.64
Khartum	2 - 4	10.58	+0.34	10.61	+0.38
Kh. el Girba					
Atbara	2 - 4	10.42	+0.46	10.42	+0.46
Kajnarti	1 - 4	132.27	+0.31	132.26	+0.28
Aswan Res	2 - 4	120.32	—	120.33	—
Aswan D.S	2 - 4	85.56	-0.05	85.58	-0.04
Roda (Cairo)	2 - 4	15.79	+0.28	15.79	+0.28

Isobars, Wind and Temperature at 8 h. 2-4-1939. ٢-٤-١٩٣٩



COLD FRONT WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

WIND FORCE (F)

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

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

WIND DIRECTION (DD)

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

General Situation

The high pressure system over Egypt is slowly weakening owing to the approach of the Mediterranean depression.
A secondary depression has developed over the Gulf of Sidra.

At 8 h. on 2nd — الساعة ٨ يوم ٢

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm.	Min. Today °C mm	Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	00	0	1	0	—	11.6	-1.8	14	—	—	—	—	—	3	601	422
Haifa	00	—	00	0	—	0	—	12.6	-0.3	17.3	19	-4	11	0	65	0	548	628
Gaza																		365
SHIPS																		

Remarks

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

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Dept. 1938 (38) 5541

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100, ABROAD P.T. [illegible]

CAIRO
Time of Sunrise h 05 m 42
" " Sunset h 18 m 15

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month APRIL 1939 ١٩٣٩ شهر ابريل

At 14 h. on 2nd — الساعة ١٤ يوم ٢

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
…LÛM	00	8	04	3	0	0	—	11.2	16.6	71
…ATRUH	00	7	06	4	0	0	—	11.4	18.2	72
DIKHEILA	00	8	02	4	1	0	—	12.4	17.4	68
ALEXANDRIA	00	9	04	4	0	0	—	12.0	18.6	64
DAMIETTA										
PORT SAID	01	8	04	2	1	2	Cs	12.2	20.2	59
EL 'ARISH	00	7	32	3	0	0	—	13.0	18.8	51
DAMANHUR										
…NSURA										
…TA	01	7	00	0	1	3	Ac	11.6	22.0	43
…AZIG	00	8	04	1	0	0	—	11.4	22.8	38
CAIRO ALMAZA	00	8	04	3	0	0	—	11.2	22.4	27
EZBEKIYA	00	8	02	3	0	0	—	10.6	24.2	25
GIZA	00	8	02	3	0	0	—	10.3	23.3	30
HELWAN	00	9	02	4	0	0	—	9.3	23.0	14
SUEZ	00	9	02	2	0	0	—	10.2	22.0	30
FAIYUM	00	8	30	2	0	0	—	9.6	22.6	26
MINYA	00	6	30	3	0	0	—	9.6	22.8	35
ASYUT	00	8	22	3	0	0	—	9.1	25.3	31
QENA	00	8	22	2	0	0	—	7.8	28.3	21
LUXOR	01	8	24	1	0	1	Ci	7.6	29.1	25
ASWAN	02	7	30	1	1	5	Cu	7.0	30.3	15
[illegible]	00	8	08	1	1	0	—	9.8	25.0	61
[illegible]	00	9	00	0	0	0	—	10.8	23.0	25
KHARGA	00	8	04	3	0	0	—	8.7	25.4	37
[illegible]	01	7	02	2	1	3	Ci	8.8	27.9	21
[illegible]	00	6	28	5	0	0	—	7.8	21.0	78
[illegible]										
[illegible]	01	7	02	3	0	2	Cs	8.7	21.4	72

At 8 h. on MONDAY 3rd — الساعة ٨ يوم الاثنين ٣

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
…LÛM	01	7	10	4	1	4	Cu	7.4	-9.5	14.0	19	—	11	—	75	0	81	—	130
…ATRUH	05	6	10	5	0	0	—	8.8	-6.6	14.8	20	-2	11	-1	73	0	120	155	131
DIKHEILA	01	8	08	3	0	1	Sc	12.4	—	16.6	19	—	12	—	66	0	94	—	150
ALEXANDRIA	00	9	08	4	0	0	—	11.2	[illegible]	16.7	21	-2	13	-1	67	0	165	180	132
DAMIETTA	01	8	04	3	0	2	Ac	11.6	—	18.0	20	—	14	—	71	0	70	101	159
PORT SAID	00	8	04	4	1	0	—	12.6	-1.1	17.5	22	0	15	0	68	0	64	72	134
EL 'ARISH	00	7	00	0	0	0	—	12.2	—	17.0	20	—	10	—	71	0	130	84	135
DAMANHUR	00	6	06	4	0	0	—	11.5	-3.6	16.4	19	-7	9	-1	69	0	29	96	136
…NSURA	00	8	02	2	0	0	—	11.2	—	16.8	23	-3	11	0	70	0	46	48	137
…TA	00	7	04	4	0	0	—	11.2	-5.0	16.5	24	-3	8	-3	74	0	40	34	138
…AZIG	00	8	04	3	0	0	—	11.4	—	17.4	23	-3	9	-1	70	0	31	25	139
CAIRO ALMAZA	05	7	08	3	0	1	Ci	11.0	—	17.1	24	—	11	—	56	0	18	—	141
EZBEKIYA	00	6	02	3	0	0	—	10.2	-4.2	17.3	25	-2	10	-2	55	0	23	23	—
GIZA	01	6	04	1	0	2	Cs	10.2	-4.8	16.6	24	-2	8	-1	64	0	23	23	—
HELWAN	05	5	00	0	0	0	—	10.0	-4.9	15.9	24	-2	11	-2	52	0	26	25	143
SUEZ	00	8	30	2	0	0	—	10.4	-4.7	16.0	24	-2	10	-4	63	0	27	16	144
FAIYUM	00	7	02	1	0	0	—	10.3	-5.0	13.2	25	-3	8	-3	67	0	7	7	153
MINYA	00	6	30	1	0	0	—	9.4	-5.8	15.5	24	-5	9	-3	49	0	4	—	154
ASYUT	00	6	20	2	0	0	—	9.4	-5.1	18.0	26	-4	10	-3	51	0	2	4	155
QENA	00	8	22	2	0	0	—	9.6	-4.1	18.6	31	-3	11	-4	31	0	dr	—	156
LUXOR	01	8	32	1	0	2	Ci	9.1	—	19.4	31	—	10	—	45	0	dr	—	157
ASWAN	01	7	30	1	1	3	Cu	9.3	-4.1	20.6	32	-2	16	0	25	0	1	—	158
[illegible]	01	8	26	2	1	4	Cu	7.3	-8.1	17.0	27	-1	11	+1	72	0	6	7	148
[illegible]	00	9	00	0	0	0	—	10.7	—	16.5	25	—	9	—	56	0	1	—	149
KHARGA	00	8	04	2	0	0	—	9.5	-5.0	18.9	27	-5	13	0	39	0	dr	tr	151
[illegible]	01	6	10	1	1	4	Ci	7.9	-6.9	19.3	30	-2	12	0	22	0	dr	—	152
[illegible]	00	6	08	1	0	0	—	9.5	-4.2	18.3	22	-5	10	-4	58	0	20	13	145
[illegible]	00	9	02	3	0	0	—	9.6	-4.0	21.2	24	-3	10	-4	47	0	1	—	146
[illegible]	00	7	30	1	0	0	—	9.5	-3.5	22.9	23	-4	16	-2	45	0	tr	6	147
[illegible]	00	—	32	1	0	0	—	9.9	-1.8	26.8	31	+1	25	+4	69	0	72	107	169
[illegible]	02	8	32	2	1	5	Ac	6.3	-6.7	23.0	33	-2	19	+4	18	—	—	—	155
[illegible]	00	8	00	0	0	0	—	6.7	-4.7	26.0	40	+2	18	-1	24	0	0	1	166
[illegible]	00	—	06	2	0	0	—	5.9	-4.1	29.8	40	+2	23	+4	29	0	6	1	167
[illegible]	05	6	02	2	0	2	Ci	4.4	-4.4	29.4	42	+2	23	+2	24	0	dr	5	168
[illegible]	01	8	18	2	0	3	Cs	3.6	-4.3	30.7	41	+1	25	+4	48	0	dr	11	170
[illegible]	02	—	26	3	0	4	—	4.2	-4.0	31.9	44	+4	24	+3	30	0	2	13	171
[illegible]	00	—	—	3	0	0	—	5.4	-3.6	29.6	42	+2	23	+4	46	0	14	13	173
[illegible]																		—	182
[illegible]	00	—	12	1	0	0	—	2.6	-5.3	31.6	39	-1	22	+1	39	0	27	42	172
[illegible]	03	8	24	1	1	6	Ci	4.1	-6.3	29.4	39	+2	25	+7	52	0	8	21	174
[illegible]	02	8	18	1	1	5	St	—	—	26.6	39	+2	23	+6	26	0	0	8	175
[illegible]																		—	179
[illegible]																		—	187
[illegible]																		103	176
[illegible]	03	—	20	2	0	7	—	4.8	-3.7	28.0	36	-2	24	+2	62	0	125	182	177
[illegible]	02	8	12	3	1	5	St	7.3	-2.6	26.2	36	0	23	+1	76	0	286	188	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

[illegible]	[illegible]	…HEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 2nd
7	7	10	8 h 30 m	8 h 30 m	7 h	7 h	4 h	4 h	6 h	7 h	7 h	h m	6 h	13 h
…00.00	02.13.60	02.09.30	05.11.20	02.22.05	02.08.05	02.01.10	03.06.20	06.03.30	06.27.10	06.09.15	07.24.25		06.25.10	02.05.15
…15.55	05.13.40	05.10.30	10.13.15	05.13.05	05.09.10	05.07.20	06.07.25	10.02.35	10.29.45	10.10.15	10.22.35		10.23.05	05.13.30
…23.40	10.16.20	10.12.20	15.15.10	08.16.05	10.04.05	10.07.15	10.06.25	15.35.40	15.28.20	15.08.10	15.26.15		11.18.05	10.07.15
15.18.25	15.15.25	15.15.15	20.25.15	10.18.05	15.43.20	15.01.25	15.26.10	20.35.35	20.30.15	20.04.10	20.31.10			14.35.15
20.19.45		16.15.15	25.26.20	15.16.10	20.27.30	20.34.20	20.25.25		30.09.20	30.09.10	30.06.20			15.25.15
25.22.35			30.22.15	20.23.15		25.30.45	23.26.25		40.35.05	40.10.05	40.10.25			20.22.15
29.23.45			35.22.25	23.25.15		30.28.45			50.34.05	50.22.15	50.36.10			25.26.30
			40.24.16	25.23.10					60.09.10	60.30.50				30.28.30
			Tail	30.25.25					66.02.05					40.26.25
				40.21.20										50.25.05

Forecast for 24 hours from noon on 3rd

On the coast moderate easterly winds veering to southeast and freshening.
Inland moderate northeasterly winds.
Much high cloud.
Possibly rain on the coast in the west tomorrow. Conditions disturbed.
Minor heat wave of short duration.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر يوم ٣

رياح معتدلة شرقية على الساحل تتحول إلى الجنوب الشرقي
وتقوى نوعا ورياح معتدلة شمالية شرقية في الداخل
تكاثر السحب العالية ويحتمل ان تمطر على الساحل
غربا غدا والطقس غير مستقر . ويعترى
الجو فترة قصيرة من الحرارة

Mean of day

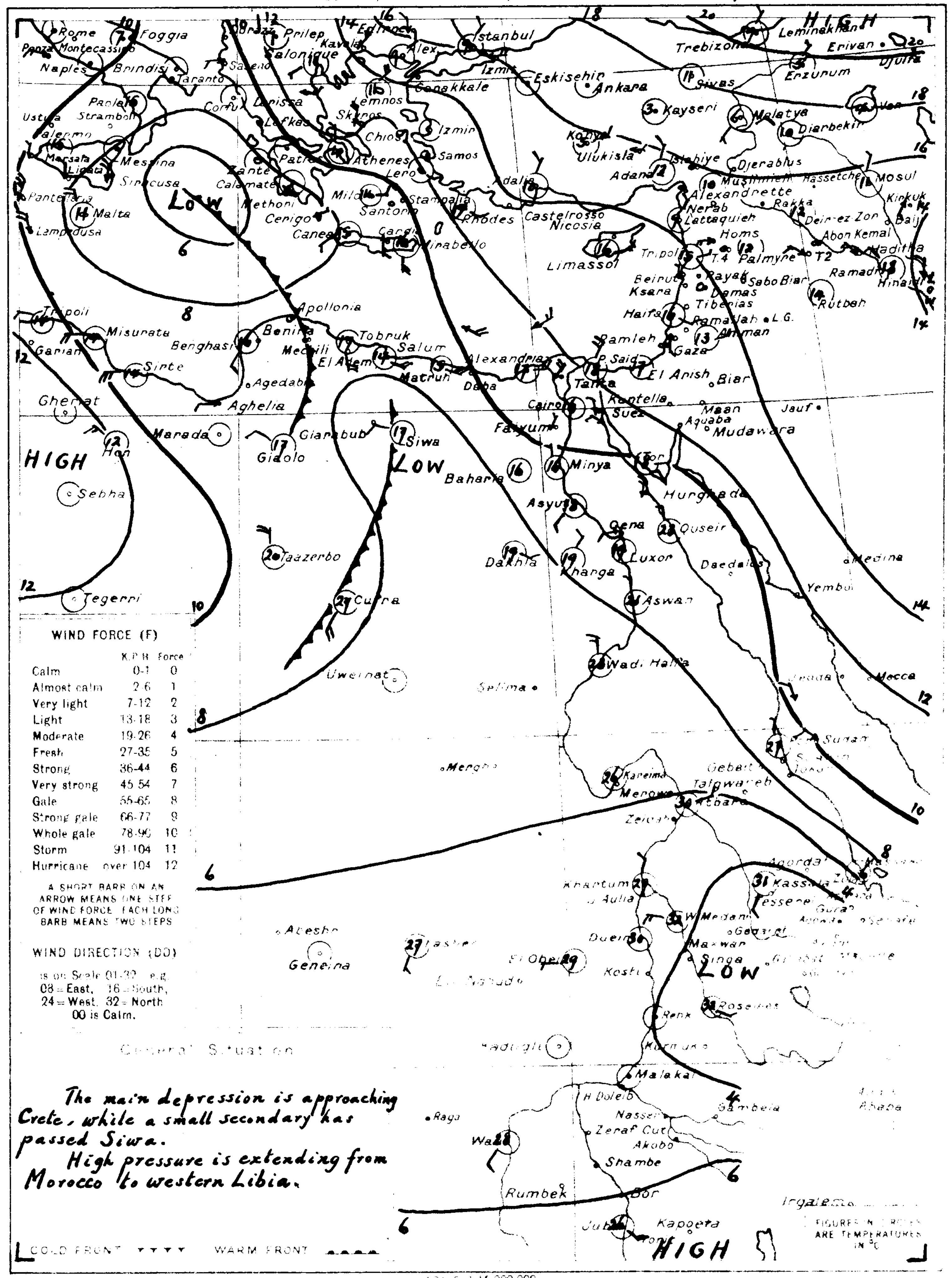
STATION	Humidity on 2nd	Diff. from normal	Wet bulb temp. on 2nd	Diff. from normal
Alexandria	70	+4	14.2	+0.2
Ezbekiya	58	+4	13.0	-1.7
Giza	63	+8	13.6	-0.7
Helwan	38	-5	10.7	-1.7
Giza Grass …		3rd	4.6	

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
3-4	822	774
2-4	822	775

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	3-4	13.26	-0.02	13.26	-0.01
Nasser	2-4	5.40	+0.24	5.34	+0.21
Malakal	3-4	10.25	+0.17	10.25	+0.17
Roseires	3-4	11.76	+0.43	11.78	+0.44
Sennar Res	2-4	17.11	—	17.19	—
J. Aulia U.S	2-4	374.78	—	374.76	—
J. Aulia D.S	2-4	371.53	+0.61	371.57	+0.64
Khartum	2-4	10.58	+0.34	10.61	+0.38
Kh. el Girba					
Atbara	3-4	10.42	+0.45	10.42	+0.46
Kajnarti	2-4	132.25	+0.30	132.27	+0.31
Aswan Res	3-4	120.31	—	120.32	—
Aswan D.S	3-4	85.55	-0.05	85.56	-0.05
Roda (Cairo)	3-4	15.82	+0.31	15.79	+0.28

١٩٣٩-٤-٣ Isobars, Wind and Temperature at 8 h. 3-4-1939.



The main depression is approaching Crete, while a small secondary has passed Siwa.
High pressure is extending from Morocco to western Libia.

SCALE 1:15,000,000

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
… of Snow	83, 84
[illegible]	86
[illegible]	88, 89
Thunderstorm	90-99
[illegible]	91
[illegible]	94-96

At 8 h. on 3rd — ٣

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	08	2	0	0	—	13.1	-0.3	16	—	—	—	—	—	0	601	422
Haifa	00	—	10	2	—	0	—	13.3	+0.4	16.4	19	-4	9	-2	58	0	548	629
Gaza	01	8	16	2	0	4	Cu	12.8	-0.8	14	—	—	7	-4	65	—	—	366
Hurghada 2nd	00	9	30	4	0	0	—	9.8	-3.9	20.2	26	-1	13	-1	50	0	1	—
Gaza 2nd	00	9	02	1	0	0	—	12.7	-1.0	12	—	—	6	-5	75	—	—	365

SHIPS
23320 - 30506 - 06300 - 11863.
23327 - 28206 - 10402 - 10863 - 61284 - 5211X.

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

…	Ci
…	Cc
…	Cs
…	As
…	Ac
…	Sc
…	St
…	Nb
…	Ns
…	Cu
…	Cb

CAIRO
Time of Sunrise 05 h. 41 m.
" " Sunset 18 h. 15 m.

Month APRIL, 1939 ١٩٣٩ شهر أبريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT ٣٩-٤-٤

STATION	At 14 h. on 3rd ww	V	DD	F	W	N	C	PPP (Bar. press. M.S.L. 1000+ mbs.)	TTT (°C Temp.)	UU (% Humidity)	At 8 h. on TUESDAY 4th ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
…UM	01	8	10	4	1	3	Cu	5.0	23.0	44	01	7	26	5	5	3	Sc	6.6	-10.3	13.4	26	—	11	—	89	dr	81	—	130
…TRUH	02	6	08	5	2	5	Sc	7.1	19.3	74	13	7	18	1	6	5	Cb	6.2	-9.2	15.6	20	-2	14	+2	87	2	122	155	131
DIKHEILA	02	8	08	3	1	4	Cs	8.6	25.0	42	05	7	04	4	1	5	Sc	6.0	—	18.1	26	—	15	—	72	0	94	—	150
ALEXANDRIA	02	9	12	4	2	5	Ac	8.0	24.2	47	02	9	06	3	2	5	Ac	5.5	-9.4	17.8	26	+3	15	+1	75	0	165	180	132
DAMIETTA											01	7	04	2	1	3	Cu	7.0	—	18.2	20	—	16	—	90	0	70	101	159
PORT SAID	01	7	04	4	1	3	Ac	10.8	20.1	58	02	8	04	2	1	4	Sc	5.9	-7.7	18.7	21	-1	16	+1	88	dr	64	73	134
EL ARISH	01	7	02	3	1	2	Ci	9.6	19	49	00	7	00	0	0	0	—	9.1	—	21.5	20	—	11	—	54	0	130	85	135
…NHUR											02	7	02	3	2	4	Cu	5.5	-9.6	18.4	25	-1	13	+3	74	0	29	97	136
…URA											01	8	02	2	1	3	Sc	5.0	—	20.0	25	-1	13	+2	62	0	46	49	137
…A	02	7	04	4	1	4	Ce	7.9	26.0	36	02	7	08	3	1	4	Ns	5.1	-11.0	19.0	27	0	13	+2	67	0	40	35	138
…ZIG	01	8	04	3	0	3	Cs	8.4	26.4	27	01	7	10	2	1	3	Cs	5.4	—	20.3	27	+1	12	+2	53	0	31	25	139
CAIRO ALMAZA	02	8	04	2	1	4	Cs	7.9	28.2	12	05	5	24	2	1	4	Ac	4.4	—	22.0	29	—	14	—	38	0	18	—	141
EZBEKIYA	02	8	02	2	1	5	Ci	7.5	28.0	21	05	4	22	1	1	4	Ac	4.3	-10.1	18.3	30	+3	13	+1	68	dr	23	23	..
GIZA	02	8	30	2	2	5	Ci	6.8	28.4	24	05	5	00	0	1	4	Ac	4.6	-10.4	15.6	28	+2	11	+2	79	dr	23	23	..
HELWAN	02	7	22	1	1	5	Ci	6.6	28.6	14	05	5	08	1	1	4	Ac	4.4	-10.4	20.0	30	+3	13	0	41	dr	26	25	143
SUEZ	02	9	00	0	1	5	Ac	7.6	25.8	26	02	7	14	2	1	5	Cu	5.3	-9.7	22.2	29	+3	16	+2	53	0	27	16	144
FAIYUM	02	8	00	0	0	5	Sc	10.3	28.0	23	02	7	00	0	1	4	Cu	4.7	-10.5	18.3	29	+1	13	+2	54	0	7	7	153
MINYA	02	8	28	2	2	5	As	7.6	28.5	20	01	5	28	1	1	3	Cu	4.3	-10.8	20.5	29	0	15	+3	46	0	4	—	154
ASYUT	02	7	02	2	1	5	Sc	6.6	29.0	29	00	6	12	3	0	0	—	3.5	-10.9	22.0	30	0	16	+3	50	0	2	4	155
QENA	03	8	22	2	2	6	Sc	7.2	30.1	29	03	7	08	4	2	8	Sc	6.7	-7.0	23.9	31	-3	18	+3	45	dr	dr	—	156
LUXOR	03	6	08	1	2	6	Cs	6.2	31.3	25	03	7	08	3	2	8	Ns	7.5	—	24.0	32	—	19	—	45	dr	dr	—	157
ASWAN	03	7	00	0	1	7	Cu	5.4	33.1	16	01	7	32	3	1	3	Sc	6.4	-6.9	24.9	36	+2	19	+2	31	0	1	—	158
SIWA	50	5	06	2	3	8	Ac	5.8	22.1	65	00	8	26	2	0	0	—	9.0	-6.4	15.0	27	-1	12	+1	83	1	7	7	148
…A…ARIYA	02	9	00	0	1	4	—	6.2	28.2	17	00	9	00	0	0	0	—	5.5	—	18.0	30	—	14	—	36	0	1		149
…ARGA	02	7	04	3	2	5	Ac	7.0	26.8	31	18	5	16	7	2	8	Ac	5.3	-9.2	26.7	28	-4	17	+4	33	0	dr	tr	151
…A	03	9	14	6	2	8	Cs	5.0	31.0	19	02	3	26	4	2	5	As	5.9	-8.8	20.1	33	+1	13	+1	32	dr	dr	—	152
	01	6	28	1	0	3	Ce	7.4	24.5	65	01	6	16	2	1	4	Ns	7.6	-6.0	22.1	28	+1	11	-3	46	9	20	13	145
…ADA											02	7	12	2	1	5	As	7.0	-6.5	23.5	27	0	20	+6	79	dr	1	—	146
	01	7	02	1	0	1	Ci	8.8	23.0	58	21	6	14	3	5	8	Ns	7.4	-5.5	22.7	24	-3	19	0	84	dr	tr	6	147
…DAN											00	—	32	1	0	0	—	9.4	-2.2	27.8	30	0	27	+6	71	0	72	107	169
…A											03	8	06	4	1	6	Ac, As	2.5	-10.4	30.5	40	+5	21	+5	17	—	—	—	165
											01	8	00	0	0	4	Ac	3.6	-7.7	28.0	42	+4	21	+2	22	0	0	1	166
											00	—	12	2	0	2 0	—	4.4	-5.5	30.5	42	+4	24	+5	38	0	6	1	167
											x05	7	12	2	0	4	Ci	3.3	-5.4	31.4	44	+4	24	+3	22	0	dr	5	168
											00	8	08	4	0	0	—	1.4	-6.5	34.6	41	+1	28	+7	41	0	dr	11	170
											02	—	24	6	0	4	—	2.8	-5.4	34.0	42	+2	22	+1	22	0	2	13	171
											00	—	—	3	0	0	—	3.8	-5.2	34.6	43	+3	27	+8	21	0	14	13	173
																													182
											00	—	14	1	0	1	—	3.2	-4.6	31.3	42	+2	21	0	43	0	27	43	172
											02	8	20	3	1	5	Ac	3.6	-6.7	29.0	39	+1	25	+7	58	tr	8	21	174
											01	8	16	1	1	3	Cu	—	—	25.5	37	-1	21	+4	48	dr	0	8	175
											03	8	24	2	2	7	Ac	—	—	22.5	36	—	20	—	66	0	dr	—	179
											01	7	20	4	3	4	—	5.4	—	27	—	—	—	—	—	—	—	—	187
																												104	176
											02	—	20	2	1	4	—	5.2	-3.3	27.0	35	-3	24	+2	63	0	125	184	177
											03	8	30	1	1	6	St	8.7	-1.2	25.2	35	-1	23	+1	84	3	289	191	178

الساعة ١٤ يوم ٣ — الساعة ٨ يوم الثلاثاء ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

…M 7 h.	MATR… 7 h.	DIKHEILA	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 8 h.	ASWAN 7 h.	WADI HALFA 6 h.	KAREIMA 7 h.	KHARTUM 6 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKAL	JUBA 6 h.	Salum 3rd 13 h.
02.29.25	02.14.20		05.18.25	02.13.10	02.14.40	02.32.40	03.05.25	06.25.10	06.10.40	06.11.35	07.24.30		06.24.15	02.11.20
05.30.20	05.13.45		10.17.20	05.15.20	05.17.45	05.32.05	06.08.40	10.25.10	10.09.25	10.10.40	10.24.45		10.22.10	05.14.30
08.13.15	10.19.10		15.19.20	08.17.35	10.21.70	10.15.20	10.12.40	15.26.15	15.06.20	15.07.15	15.24.30		15.18.05	10.17.25
10.00.00	ent. Cb		20.20.50	10.17.35			15.16.55	20.29.10	20.05.15	20.05.20	20.24.35		20.18.05	15.20.55
15.28.10			tail	15.18.35			20.22.35	30.01.15	30.19.10	30.31.10	30.11.20		23.18.05	20.21.45
20.23.45				20.20.55			30.24.55		40.12.05	40.25.20	40.09.25			25.21.45
25.21.40				23.21.70			35.24.55		50.11.05		50.18.05			30.20.50
30.20.30				25.21.60							53.15.05			
35.22.50				29.20.65										
40.20.40														

Forecast for 24 hours from noon on 4th

Variable winds chiefly southerly, veering tomorrow to fresh westerly.
Much cloud.
Conditions unsettled, scattered showers later, possibly with thunder.
Becoming cooler late tomorrow.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤
رياح مختلفة الاتجاه أغلبها جنوبية تتحول غدا الى الغرب وتشتد نوعا.
تكثر السحب – وحالة الجو غير مستقرة وتمطر مطرا مصحوبا بالرعد فيما بعد.
ويبرد الطقس في أواخر النهار غدا.

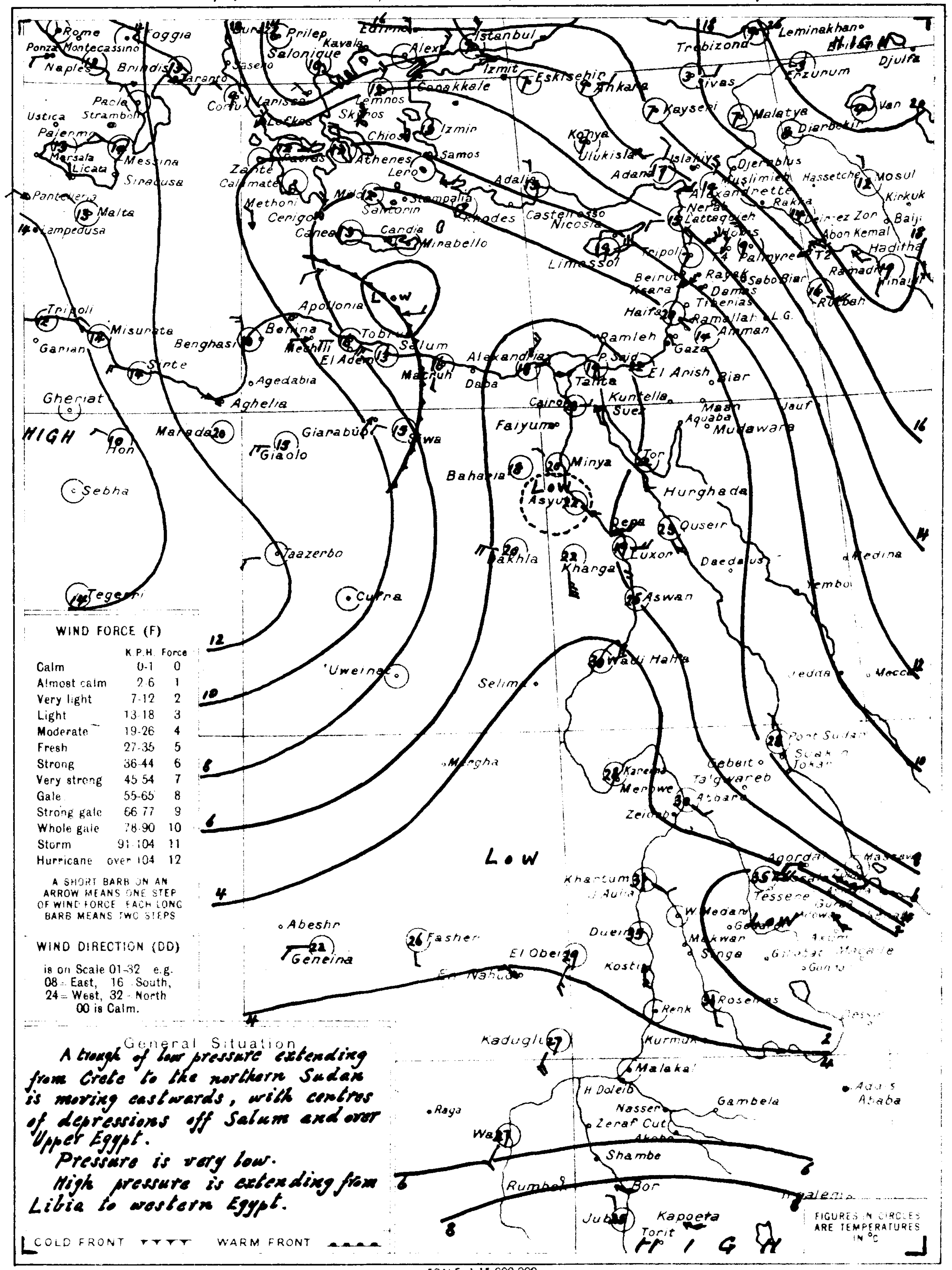
STATION	Mean of day Humidity on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	55	-11	15.3	+1.3
Ezbekiya	46	-8	14.4	-0.4
Giza	50	-5	14.9	+0.5
Helwan	26	-17	12.2	-0.3
Giza Grass minimum on 4th	7.7 °C			

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
4.4	822	775
3.4	822	774

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	4.4	13.26	-0.02	13.26	-0.02
Nasser	3.4	5.38	+0.19	5.40	+0.24
Malakal	4.4	10.26	+0.20	10.25	+0.17
Roseires	4.4	11.72	+0.39	11.76	+0.43
Sennar Res	3.4	17.06	—	17.11	—
J. Aulia U.S	4.4	374.71	—	374.70	—
J. Aulia D.S	4.4	371.50	+0.58	371.53	+0.61
Khartum	4.4	10.53	+0.26	10.55	+0.29
Kh. el Girba					
Atbara	4.4	10.41	+0.44	10.42	+0.45
Kajnarti	3.4	132.23	+0.29	132.25	+0.30
Aswan Res.	4.4	120.29	—	120.31	—
Aswan D.S.	4.4	85.56	-0.04	85.55	-0.05
Roda (Cairo)	4.4	15.82	+0.31	15.82	+0.31

Isobars, Wind and Temperature at 8 h. 4-4-39.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

A trough of low pressure extending from Crete to the northern Sudan is moving eastwards, with centres of depressions off Salum and over Upper Egypt.
Pressure is very low.
High pressure is extending from Libia to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000 — Kms 200 0 200 400 600 Kms

STATION	At 8 h. on 4th ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	06	3	1	6	—	8.0	-5.2	19	—	—	—	—	—	0	601	423
Haifa	02	—	10	1	—	5	—	8.3	-4.5	20.2	20	-3	14	+3	33	0	548	629
Gaza	00	9	14	1	0	0	—	7.9	-5.7	18	—	—	11	0	45	—	—	366

الساعة ٨ يوم ٤

SHIPS
33340 - 22806 - 22202 - 09862.
33324 - 30006 - 04300 - 07864 - 60085 - 3201X.
33332 - 25706 - 08203 - 06862.
33356 - 20906 - 32201 - 07859 - 69x83 - 63020.

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" heavy with hail	99

PAST WEATHER (W)

CLOUD AMOUNT (N)

4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h 05 m 40
" " Sunset h 18 m 16

Month **APRIL** 1939 ١٩٣٩ شهر أبريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 4th — الساعة ١٤ يوم ٤ | At 8 h. on WEDNESDAY 5th — الساعة ٨ يوم الأربعاء ٥

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar press M.S.L. 1000+ mbs PPP	14h °C Temp TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	02	8	32	5	1	5	Cb	7.0	17.3	77	09	6	24	4	0	0	—	11.2	-5.7	13.0	22	—	10	—	89	0	81	—	130
MATRUH	01	7	26	4	1	3	Cu	6.7	17.8	91	01	7	26	4	1	4	Sc	10.0	-5.3	15.9	21	-1	12	0	88	0	122	155	131
DIKHEILA	05	7	02	6	1	1	Sc	5.9	18.0	45	02	8	28	3	1	5	Ac	10.2	—	17.0	19	—	16	—	87	0	94	—	150
ALEXANDRIA	00	9	04	5	0	0	—	5.4	19.4	82	02	9	28	4	2	4	Ac	9.6	-5.2	17.2	22	-1	13	-1	86	0	165	180	132
DAM[illegible]											00	8	30	2	0	0	—	6.2	—	18.8	21	—	16	—	81	0	70	102	159
PORT SAID	03	5	04	3	1	8	Ns	3.5	21.5	80	00	8	04	3	0	0	—	8.2	-5.3	18.8	24	+2	16	+1	87	dr	64	73	134
EL ARISH	28	7	32	3	9	5	Cb	3.4	24.0	42	00	7	20	3	0	0	—	7.5	—	18.0	—	—	15	—	81	dr	130	85	135
DAMAN[illegible]											02	6	32	4	2	5	Cc	9.6	-5.4	17.9	22	-4	12	+2	85	0	29	97	136
[illegible]ANS[illegible]											01	8	30	2	1	3	Ac	7.9	—	19.0	28	+2	12	+1	69	0	46	49	137
[illegible]AN	00	7	04	4	1	0	—	3.5	27.0	49	01	7	28	3	0	4	Ci	9.0	-7.0	18.0	29	+2	10	-1	85	0	40	35	138
[illegible]	00	8	30	3	1	0	—	1.1	30.9	33	00	7	28	1	4	0	—	9.0	—	16.9	32	+5	9	-1	85	0	31	25	139
[illegible]	01	8	22	4	1	1	Cu	2.2	32.0	19	01	6	00	0	0	1	St	9.6	—	17.0	32	—	13	—	70	0	18	—	141
[illegible]	00	8	20	3	1	0	—	2.4	32.4	20	01	5	26	2	0	1	Cu	9.1	-5.2	16.8	33	+6	13	+1	80	0	23	23	
[illegible]	00	8	22	1	1	0	—	2.4	33.0	20	01	7	30	1	0	2	Cc	9.0	-5.9	15.6	33	+6	12	+2	85	0	23	23	
[illegible]	00	8	22	4	1	0	—	2.0	32.0	14	05	5	28	3	0	0	—	9.1	-5.6	16.0	32	+5	13	0	78	0	26	25	143
[illegible]	12	7	16	3	2	8	St	2.2	26.3	38	01	6	30	3	0	2	Cu	8.6	-6.4	17.5	26	-1	14	0	78	0	27	16	144
[illegible]	00	8	26	4	0	0	—	3.1	32.0	14	00	7	02	2	0	0	—	6.8	-8.3	16.7	32	+4	12	+1	69	0	7	7	153
M[illegible]	00	6	24	4	0	0	—	3.9	32.0	19	00	6	30	1	0	0	—	9.3	-5.8	16.3	33	+4	14	+1	55	0	4	—	154
[illegible]	01	6	22	4	1	4	Cu	5.0	32.0	17	00	8	22	4	0	0	—	9.9	-4.4	18.2	33	+3	14	+1	52	0	2	4	155
[illegible]	18	4	22	5	2	8	Sc	5.0	34.8	29	03	7	22	4	2	8	Cs	8.3	-5.4	21.9	36	+1	17	+2	37	dr	dr		156
[illegible]	03	6	16	3	2	6	Cc	4.8	34.7	24	03	8	26	1	2	7	Cs	7.9	—	23.0	36	—	17	—	46	dr	dr		[illegible]
[illegible]	03	7	08	3	2	7	Cu	3.2	37.4	14	02	7	30	1	1	5	Cu	7.0	-6.2	25.0	38	+4	24	+7	28	0	1	—	158
[illegible]	00	8	24	1	1	0	—	8.6	23.0	62																		7	[illegible]
[illegible]	00	9	24	2	0	0	—	6.2	27.0	26	00	9	00	0	0	0	—	10.3	—	16.5	28	—	11	—	56	0	1	—	149
[illegible]	05	5	20	5	2	6	Ac	3.6	37.3	33	00	8	28	2	0	0	—	10.2	-4.2	21.2	38	+6	16	+2	41	0	dr	tr	[illegible]
[illegible]	02	3	30	3	2	5	As	5.3	28.6	30	00	9	26	4	0	0	—	11.5	-3.1	18.0	31	-1	12	-1	47	dr	dr		[illegible]
[illegible]	02	5	16	7	2	4	Cc	3.8	33.5	45	01	5	32	2	1	4	Cs	6.2	-7.4	22.5	34	+7	18	+3	83	0	20	13	145
[illegible]											09	6	30	2	0	0	—	6.3	-7.1	24.8	32	+4	17	+2	38	tr	1	—	146
[illegible]											01	7	00	0	0	1	Cc	6.4	-6.5	27.0	32	+5	21	+2	61	dr	tr	6	147
[illegible]																												107	[illegible]
[illegible]											18	6	30	5	8	7	AcAs	7.1	-5.7	24.1	40	+5	24	+8	20	dr	—	—	165
[illegible]											03	8	04	3	9	7	St	7.2	-4.1	26.2	42	+4	25	+5	42	1	1	1	166
[illegible]											30	—	30	6	3	9	—	5.1	-4.7	31.8	42	+4	27	+8	30	0	6	1	167
[illegible]											02	8	28	3	1	5	AcAs	5.5	-3.1	32.0	44	+4	29	+8	43	0	dr	5	168
[illegible]											33	5	14	6	0	3	Ac	0.4	-7.4	33.0	43	+3	29	+8	44	0	dr	11	[illegible]
[illegible]											01	—	20	4	0	4	—	6.6	-1.5	31.8	42	+1	27	+6	40	0	2	13	[illegible]
[illegible]											01	—	—	5	0	4	—	7.1	-1.8	31.6	41	+1	28	+9	44	0	14	13	[illegible]
[illegible]																												—	[illegible]
[illegible]											01	—	12	1	0	4	—	5.1	-2.7	30.2	40	0	27	+6	45	0	27	43	[illegible]
[illegible]											28	8	24	2	9	6	Sc	7.5	-2.7	23.8	39	+1	22	+4	79	5	13	21	[illegible]
[illegible]											03	8	16	1	1	6	St	—	—	23.1	40	+2	22	+5	83	3	3	8	[illegible]
[illegible]											81	8	28	2	8	7	Cb	—	—	23.6	37	—	22	—	75	dr	dr	—	[illegible]
[illegible]																												—	[illegible]
[illegible]											03	8	18	3	2	6	AcCs	7.9	-1.3	26.1	38	-1	23	0	55	0	83	104	[illegible]
[illegible]											01	—	04	2	6	4	—	7.9	-0.6	23.8	36	-2	21	-1	83	1	126	186	[illegible]
[illegible]											01	8	00	0	0	4	Ac	8.8	-1.1	24.6	31	-5	21	-1	84	13	302	195	[illegible]

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

[illegible]	[illegible]	[illegible]	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTOUM	KASSALA	EL OBEID	[illegible]	[illegible]	Salum 4th
7	7	8	8 h 30	8 30	7	7	4	7	6	7	6	6	6	
02 00 00	02 31 35	02 31 30	02 34 15	02 33 15	02 30 30	02 36 20	03 01 25	06 02 25	06 27 20	06 04 35	07 25 35	06 30 10	06 25 15	02 27 15
05 31 30	05 30 25	05 32 40	05 34 40	05 35 30	05 31 35	05 34 35	06 31 35	10 01 15	10 26 70	10 03 65	10 24 30	10 16 10	10 24 10	05 21 05
10 34 10	10 28 30	10 30 30		08 35 30	10 30 30	10 22 15	10 28 50	15 02 20	15 25 45	15 01 35	15 23 25	15 15 25	15 23 05	10 29 15
15 32 20	15 29 45	13 29 30		10 35 10	15 25 30	15 21 55	13 29 46	20 05 25	20 29 30	20 03 65		20 17 45	20 21 05	15 25 20
20 29 45	Ent. Ac			15 28 05	20 23 30	20 23 65		30 07 30	30 25 35	30 10 25		30 16 30		20 24 30
				20 24 05				31 07 35	40 13 25			40 11 35		
				23 00 00					45 15 20					
				25 17 05										
				30 23 20										
				34 22 45										

Forecast for 24 hours from noon on 5th

Moderate to fresh northwest to north winds.
Much medium and low cloud.
Further scattered showers, possibly with thunder.
Cool.

تعبيرات الطقس للمنطقة في ٢٤ ساعة من ظهر يوم ٥

رياح ماسية معتدلة والشديدة من شمالية غربية الى شمالية
تكثر السحب المتوسطة والمنخفضة - وتطر مرة أخرى في جهات مختلفة
ويحتمل ان يصحبه رعد .
والطقس بارد

STATION	Mean of day Humidity on 4th	Diff. from normal	Mean of day Wet bulb temp. on 4th	Diff. from normal
Alexandria	83	+17	16.4	+23
Ezbekiya	54	0	15.9	+1.1
Giza	60	+6	15.5	+1.1
Helwan	38	-5	14.8	+2.2

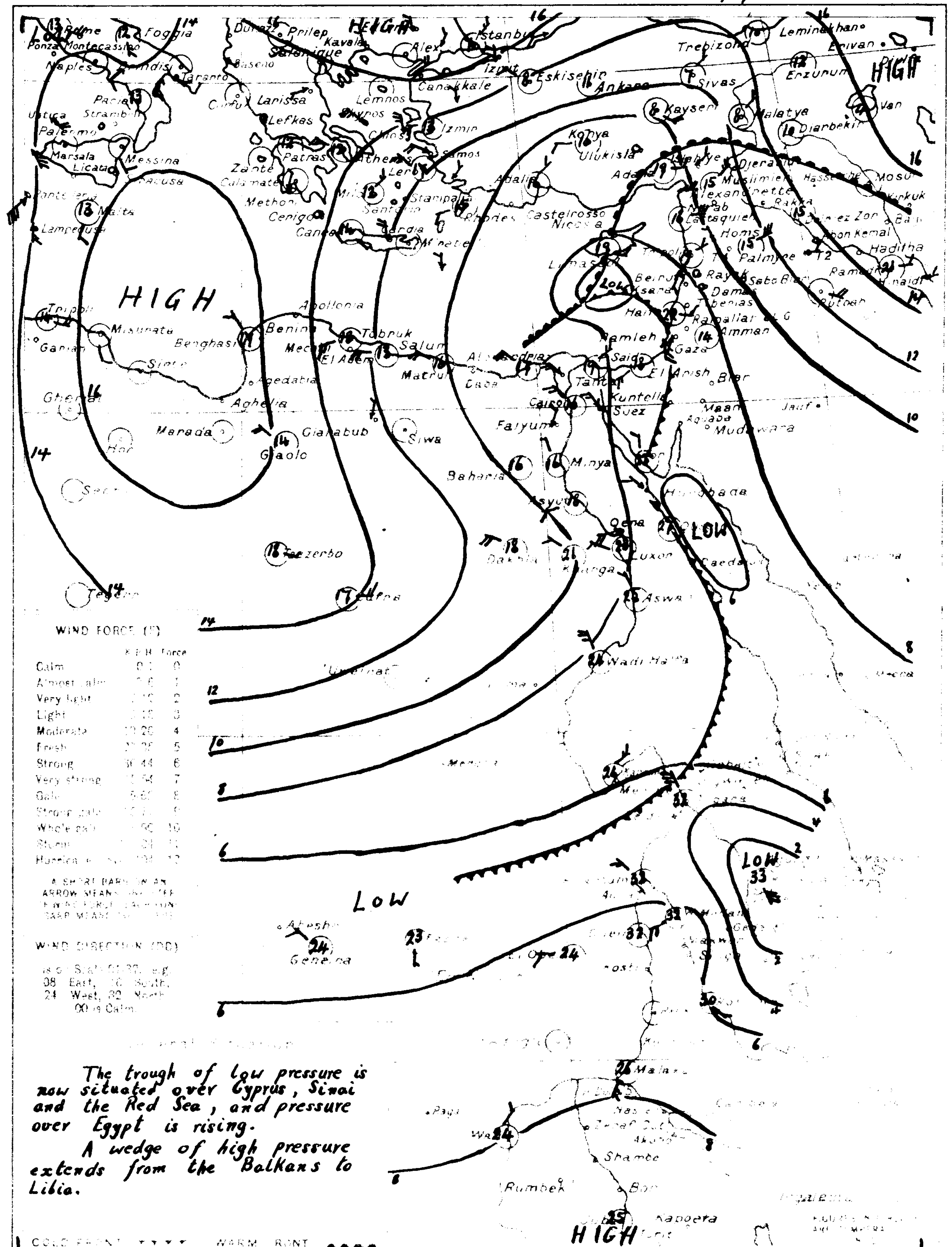
Giza grass minimum: 5th 6.6

Gauges at Aswan, discharge in m³ per sec

DATE	1939	1938
5-4	822	774
4-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal	Previous day Reading m.	Previous day Diff. from normal
Jiba	4-4	13.26	-0.02	13.26	-0.02
Nasser	4-4	5.34	+0.13	5.38	+0.19
Malakal	5-4	10.26	+0.21	10.26	+0.20
Roseires	5-4	11.70	+0.37	11.72	+0.39
Sennar Res	4-4	16.99	—	17.06	—
J. Aulia U.S	4-4	374.71	—	374.70	—
J. Aulia D.S	4-4	371.50	+0.58	371.53	+0.61
Khartum	4-4	10.53	+0.26	10.55	+0.29
Khashm el Girba					
Atbara	4-4	10.41	+0.44	10.42	+0.45
Kajnarti	4-4	132.26	+0.34	132.23	+0.29
Aswan Res	5-4	120.27	—	120.29	—
Aswan D.S	5-4	65.56	-0.04	65.56	-0.04
Roda (Cairo)	5-4	15.84	+0.34	15.82	+0.31

١٩٣٩-٤-٥ Isobars, Wind and Temperature at 8 h. 5-4-1939.



WIND FORCE	K.P.H.	Force
Calm	[illegible]	0
Almost calm	[illegible]	1
Very light	[illegible]	2
Light	[illegible]	3
Moderate	[illegible]	4
Fresh	[illegible]	5
Strong	[illegible]	6
Very strong	[illegible]	7
Gale	[illegible]	8
Strong gale	[illegible]	9
Whole gale	[illegible]	10
Storm	[illegible]	11
Hurricane	[illegible]	12

A SHORT BARB ON AN ARROW MEANS ONE FORCE OF WIND FORCE, EACH LONG BARB MEANS TWO.

WIND DIRECTION (DD) is on Scale 01-36, e.g. 08 East, 16 South, 24 West, 32 North, 00 is Calm.

The trough of low pressure is now situated over Cyprus, Sinai and the Red Sea, and pressure over Egypt is rising.

A wedge of high pressure extends from the Balkans to Libia.

COLD FRONT ▲▲▲▲ WARM FRONT ●●●●

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	[illegible]
Light Mist	[illegible]
Distant Fog	[illegible]
Rain in sight	[illegible]

At 8 h. on 5th ٥

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb	Max Yesterday	Diff. from norm.	Min Today	Diff from norm.	Humidity	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	10	2	1	3	—	7.8	-5.4	19	—	—	—	—	—	0	601	424
Haifa	00	—	08	2	—	0	—	6.6	-6.2	21.8	28	+4	18	+6	45	0	548	630
Gaza	03	6	16	2	2	8	As	7.0	-6.5	18	—	—	14	+3	85	rain	—	366

43342 27206 32200 10861 600x0 43000

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CAIRO
Time of Sunrise 05 39
Sunset 18 16

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر ابريل ٦-٤-٣٩

At 8 h. on THURSDAY 6th — الساعة ٨ يوم الخميس ٦ ; previous day at 14 h. on 5th — الساعة ١٤ يوم

Station	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L. 1000+ m.b.	Temp	% Humidity	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ m.b. PPP	Diff. from normal m.b.	Dry bulb °C TTT	Maximum yesterday °C MM	Max. diff. from norm °C	Minimum today °C mm	Min. diff. from norm. °C	Humidity UU	Rainfall past 24 hrs m.m.	Total from Oct 1 m.m.	Normal from Oct 1 m.m.	Station number
Salum	02	7	30	6	5	4	Cu	11.2	17.0	82	01	7	28	5	0	1	Cu	15.0	-1.9	14.4	18		11		85	dr	81		130
	01	7	26	4	1	3	Sc	—	17.4	89	01	7	26	5	1	4	Cu	13.9	-1.4	16.6	18	-4	15	+3	90	0	122	156	131
Dim[illegible]	01	8	28	3	1	4	Cs	10.6	18.0	83	02	8	28	4	1	5	Cu	12.2	—	17.3	18		16		80	0	94		150
	02	9	28	4	2	5	Ac	9.5	18.5	80	02	9	28	4	2	4	Ac	11.8	-3.0	18.0	20	-3	16	+2	75	0	165	180	132
											01	8	20	2	2	3	Ac	10.3	—	17.8	20		18		82	0	70	102	159
	00	8	04	4	0	0	—	—	21.8	74	01	8	28	3	1	4	Sc	10.6	-2.9	17.2	24	+1	17	+2	84	0	64	73	134
	01	7	32	1	0	3	Cu	6.8	20.5	74	02	7	20	3	1	4	Cu	10.0	—	18.0	22	—	15		80	0	130	85	135
											01	7	24	2	1	4	Cu	11.8	-3.2	18.7	—	—	11	+1	74	0	29	97	136
											00	8	18	2	0	0	—	11.0	—	16.9	25	-2	12	+1	79	0	46	49	137
	03	7	32	3	2	6	Cu	7.9	23.8	49	00	7	24	2	1	0	—	11.6	-4.3	17.0	25	-2	10	-1	85	0	40	35	138
	01	8	28	3	1	3	Cu	8.0	24.8	41	01	7	28	4	1	3	Cs	11.9	—	18.4	25	-2	10	0	76	0	31	25	139
	02	8	30	3	1	5	Cu	8.3	25.2	38	02	6	22	2	1	5	Cu	12.4	—	15.8	26		14		79	0	18		141
Ezbekiya	03	8	30	3	1	6	Cs	8.0	25.3	36	02	5	00	0	1	6	Cu	12.2	-2.0	17.0	26	-1	13	0	80	0	23	23	
Giza	02	8	30	3	1	5	As	7.5	24.0	45	02	7	30	1	1	4	Cu	12.4	-2.4	15.9	26	-1	12	+2	84	0	23	24	
Helwan	02	7	28	5	1	5	Cc	7.1	24.2	33	03	6	28	2	2	6	Ac	12.7	-1.9	14.9	25	-2	13	0	82	0	26	26	143
	01	8	32	3	0	2	Cu	7.0	24.7	45	01	7	28	2	1	3	Cu	11.8	-3.2	18.3	27	0	15	+1	68	0	27	16	144
	02	8	30	4	1	4	As	7.9	23.9	37	02	6	28	1	1	5	Cu	13.0	-2.0	15.7	26	-3	12	+1	78	tr	7	7	153
	00	8	02	3	0	0	—	7.8	25.0	40	00	7	30	1	0	0	—	13.0	-2.0	16.8	26	-3	12	-1	69	0	4		154
Asyut	00	8	26	3	0	0	—	7.9	26.2	25	00	7	28	3	0	0	—	13.3	-0.9	17.7	27	-3	12	-1	64	0	2	4	155
Qena	00	7	26	5	1	0	—	6.3	30.2	25	01	8	22	3	1	3	Cu	11.4	-2.2	20.2	31	-4	15	0	46	0	dr	—	156
	01	8	30	4	0	3	Ci	6.4	29.7	30	01	8	24	2	1	4	Ci	11.8	—	24.0	30		16		42	0?	dr	—	157
	00	7	26	3	0	0	—	4.2	33.4	15	01	7	02	1	1	1	Cu	12.7	-0.5	20.6	35	+1	17	0	27	10?	11	—	158
	02	8	26	3	2	5	Cu	11.5	23.4	68																			148
	02	9	00	0	1	4	—	9.0	25.0	28	00	9	00	0	0	0	—	14.6		15.0	26		12		78	0	1		149
	00	8	32	3	0	0	—	8.2	28.9	29	00	8	28	1	0	0	—	12.6	-1.7	19.6	30	-2	15	+1	42	0	dr	tr	151
Kharga	00	7	28	5	0	0	—	9.8	25.8	28	02	7	26	2	1	4	Ci	15.1	+0.6	16.3	26	-7	11	-2	49	0	dr	—	152
	01	5	28	4	1	3	Cu	4.2	27.5	60	00	6	32	5	0	0	—	9.6	-3.9	23.2	28	+1	19	+4	61	0	20	13	145
											00	9	30	4	0	0	—	10.4	-2.9	22.6	28	0	19	+4	41	0	1	1	146
	02	6	02	2	1	4	Ac	5.9	25.3	68	00	7	30	2	0	0	—	10.2	-2.6	23.6	27	0	18	-1	60	0	tr	1	147
Port Sudan																												107	169
Wadi Halfa											00	8	32	3	0	0	—	13.3	+0.6	20.0	33	-2	15	-1	32	—	—		165
Kareima											00	8	32	3	0	0	—	12.1	+0.9	24.0	38	-1	22	+2	26	0	1	1	166
Atbara											00	—	32	3	3	0	—	9.4	-0.3	28.2	37	-1	23	+3	20	0	6	1	167
Khartoum											03	8	02	2	1	6	Ac, Cs	9.5	+1.0	26.6	37	-3	23	+2	69	3	3	5	168
Kassala											01	8	08	2	1	3	Cu	8.0	+0.2	27.4	34	-6	22	+1	63	16	16	11	170
Wad Medani											01	—	20	3	1	4	—	9.6	+1.5	24.6	37	-4	20	-1	80	16	18	13	171
											01	—	—	3	1	4	—	9.3	-0.5	27.2	39	-1	25	+6	65	1	15	13	173
																												—	182
											00	—	14	1	0	0	—	5.8	-2.0	30.5	38	-1	23	+1	51	0	27	44	172
											03	8	28	4	1	6	Ac, As	10.1	-0.1	26.5	37	-1	23	+5	28	0	13	21	174
											02	8	04	3	0	5	Cs	—	—	24.3	36	-2	22	+5	46	0	3	8	175
											02	8	30	2	1	5	Ac	—	—	23.8	33	—	19	—	60	dr	dr	—	179
																												—	187
											11	8	14	4	2	8	Sc	5.3	-3.9	23.2	37	-2	23	0	83	dr	83	105	176
Wau											01	—	24	3	1	4	—	6.9	-1.6	28.3	37	-1	23	+1	57	0	126	188	177
Juba											02	8	14	3	0	5	Ac	8.7	-1.2	26.0	34	-2	23	+1	76	0	302	199	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

[illegible] 7	[illegible] 7	Dikheila 8	Cairo 8	Helwan 8 30	Asyut 7	Aswan 7	Wadi Halfa 4	Kareima 4	Khartum 6	Kassala 5	El Obeid 6	Malakal 6	Juba 6	Saturn 6th 13
02.30.25	02.30.30	02.32.30	02.30.15	02.32.05	02.31.25	02.30.20	03.01.25	06.02.15	06.01.15	06.06.15	07.32.30	06.11.30	06.23.05	02.33.45
[illegible].34.15	04.31.25	05.32.30	05.32.20	05.31.15	05.31.20	05.33.30	06.35.50	10.02.15	10.26.20	10.11.15	10.34.40	10.15.50	07.23.05	05.32.15
[illegible].35.10	Ent.Cu	10.34.30	10.31.20	08.31.25	10.33.30	10.32.30	10.36.30	15.36.20	16.26.15	15.18.25	15.30.10	15.15.50		10.33.15
[illegible].36.20		13.33.30	Ent.Cu	10.30.20	15.33.30	15.32.25	16.33.30	20.34.20	20.09.10	20.23.30	20.23.05	20.09.55		15.32.15
[illegible].36.20				Ent.Cu	20.31.30	20.31.15	18.32.55	21.34.20	30.24.15		26.34.05	22.09.50		
25.34.35									40.28.45					
30.35.40									50.26.30					
35.34.40									59.24.25					
40.35.45														

Forecast for 24 hours from noon on 6th

Moderate to fresh northwest to north winds.
Much low cloud.
Possibility of light showers.
Becoming less unsettled.
Remaining cool.

تهب رياح معتدلة إلى نشطة شمالية غربية إلى شمالية
كثير من السحب المنخفضة ويحتمل أن تمطر خفيفاً.
ولكن الطقس آخذ في التحسن إلا أنه يستمر مائلاً
للبرودة.

Station	Mean of day — Humidity % on 5th	Diff. from normal	Wet bulb temp °C 5th	Diff. from normal
Alexandria	85	+19	15.8	+1.6
Ezbekiya	64	+10	15.4	+0.5
Giza	68	+14	15.4	+0.9
Helwan	58	+15	14.3	+1.6

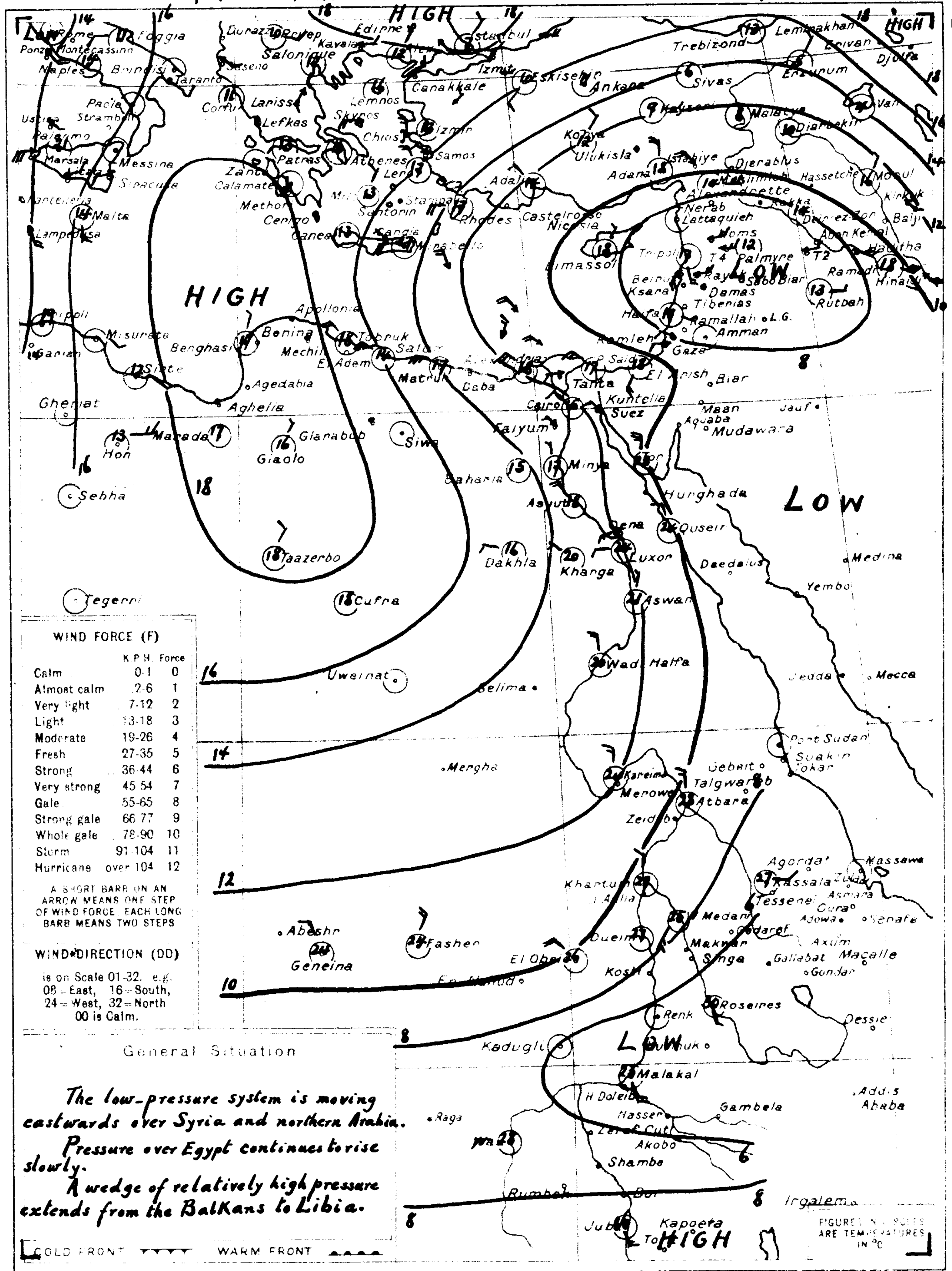
Giza Grass minimum on 6th 7.9 °C

Discharges at Aswan measured by sluices m.³ per sec.

Date	1939	1938
6-4	822	775
5-4	822	774

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6-4	13.26	-0.03	13.26	0.00
Nasser	5-4	5.32	+0.10	5.34	+0.13
Malakal	6-4	10.28	+0.35	10.26	+0.21
Roseires	6-4	11.68	+0.35	11.70	+0.37
Sennar Res.	5-4	16.92	—	16.99	—
J. Aulia U.S.	5-4	374.67	—	374.71	—
J. Aulia D.S.	5-4	371.48	+0.57	371.50	+0.58
Khartum	6-4	10.51	+0.27	10.52	+0.24
Kh. el Girba					
Atbara	6-4	10.38	+0.41	10.39	+0.42
Kajnarti	5-4	132.27	+0.36	132.26	+0.34
Aswan Res.	6-4	120.25	—	120.27	—
Aswan D.S.	6-4	85.55	-0.05	85.56	-0.04
Roda (Cairo)	6-4	15.83	+0.02	15.84	+0.0?

Isobars, Wind and Temperature at 8 h. 6-4-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The low-pressure system is moving eastwards over Syria and northern Arabia.
Pressure over Egypt continues to rise slowly.
A wedge of relatively high pressure extends from the Balkans to Libia.

At 8 h. on 6th — الساعة ٨ يوم

Station محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ m.b. PPP	Diff. from normal m.b.	Dry bulb °C TTT	Max. yesterday °C MM	Diff. from norm °C	Min. today °C mm	Diff. from norm. °C	Humidity UU	Rainfall past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	04	1	5	7	—	8.6	-4.6	18	—	—	—	—	—	dr	601	424
Haifa	02	—	10	1	—	5	—	7.8	-4.9	18.6	26	+2	17	+5	77	0	548	630
Gaza	03	6	24	2	2	8	As	9.0	-4.4	18	—	—	14	+3	85	—	—	366
Siwa 5th	01	8	26	1	1	3	Cu	13.1	-2.2	14.8	25	-3	12	+1	60	0	7	7

SHIPS سفن

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
[illegible]	41
[illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ [illegible]	91
„ with Hail	94, 96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visibility over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

Printed by the Survey & Mines Dept. 1938 (38/554)

CAIRO
Time of Sunrise h. 05 m. 37
" " Sunset h. 18 m. 17

Month *APRIL* 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 6th الساعة ١٤ يوم ٦ — At 8 h. on FRIDAY 7th الساعة ٨ يوم الجمعة ٧

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
[illegible]M	01	8	28	5	0	2	Cu.	13.9	21.0	54	01	8	28	4	0	2	Cu.	14.6	-2.3	14.2	22	—	10	—	88	0	81		130
[illegible]RÛH	01	7	28	5	0	2	Cu.	13.5	17.7	89	02	7	26	5	1	4	Cu.	13.9	-1.3	16.3	18	-4	13	+1	88	0	122	156	131
[illegible]HEILA	01	8	28	5	1	4	Cu.	12.4	17.5	72	01	8	24	4	0	3	Sc.	13.1	—	17.5	18	—	16	—	85	0	94		150
ALEXANDRIA	02	9	28	5	2	4	Ac.	11.9	19.0	79	02	9	24	4	2	4	Cu.	12.4	-2.3	17.0	20	-3	15	+1	90	0	165	181	132
DAMIETTA											02	8	20	2	2	5	Ac.	10.2	—	18.0	21	—	12	—	82	0	70	102	159
PORT SAÎD	00	8	28	4	1	0	—	10.0	22.6	71	02	7	28	5	1	5	Sc.	10.8	-2.7	18.2	23	0	15	0	78	0	64	73	134
EL 'ARÎSH	01	7	28	3	1	2	Cu	10.0	20.8	67	01	7	20	3	1	2	Cu.	11.2	—	18.0	21	—	14	—	63	0	130	85	135
[illegible]MANHÛR											01	7	24	3	1	4	Cu.	12.4	-2.5	18.8	22	-4	12	+1	76	0	29	97	136
[illegible]NŞURA											01	7	30	2	1	4	Sc.	11.5	—	16.9	24	-3	12	+1	82	0	46	49	137
[illegible]TA	02	7	28	4	1	5	Cu	10.3	21.5	54	03	7	24	3	2	6	Sc.	12.3	-3.5	17.0	23	-5	11	0	80	0	40	35	138
[illegible]AZIG	01	8	30	2	1	3	—	9.9	24.9	44	02	7	20	4	1	4	—	12.8	—	17.4	25	-2	10	0	84	0	31	25	139
ALMAZA	02	8	26	3	1	5	Sc.	10.4	24.0	45	03	7	24	3	1	7	Cb	13.1	—	16.2	24	—	14	—	80	dr.	18		141
EZBEKIYA	02	9	26	2	2	5	Cu.	9.9	24.0	40	02	6	24	2	1	5	Cu.	13.1	-1.1	16.6	25	-2	14	+1	80	dr.	23	23	—
GIZA	01	8	26	3	2	4	Cu.	9.8	24.9	40	02	7	26	2	2	5	Cu.	13.4	-1.4	16.8	25	-2	13	+3	79	0	23	24	—
HELWAN	02	8	26	2	2	4	Cu.	10.0	22.1	35	03	7	00	0	2	6	Cb	13.5	-1.1	16.0	23	-4	13	0	84	0	26	26	143
SUEZ	02	9	16	1	1	4	Cu	9.5	24.3	51	03	7	26	2	2	6	Cu.	12.8	-2.1	18.4	26	-1	15	+1	63	0	27	16	144
FAIYUM	01	7	30	3	1	4	Cu	11.2	23.0	44	01	7	28	1	1	4	Cu.	14.3	-0.7	16.0	25	-4	10	-2	76	0	7	7	153
MINYA	02	8	32	3	1	4	Cu	9.9	24.2	41	00	6	32	2	0	0	—	15.2	+0.3	16.5	25	-4	11	-2	71	0	4	—	154
ASYUT	02	7	22	3	1	5	Cu.	11.2	24.0	33	00	7	28	3	0	0	—	15.1	+0.9	17.1	26	-4	11	-3	68	0	2	4	155
QENA	01	8	22	3	0	3	Cu.	9.5	28.1	29	00	8	22	3	0	0	—	13.3	-0.3	20.0	29	-6	14	-1	48	0	dr.	—	156
LUXOR	01	8	30	2	1	4	Ci	9.9	28.0	30	00	8	22	3	0	0	—	13.5	—	22.5	30	—	14	—	48	0	dr.	—	157
ASWAN	00	7	28	1	0	0	—	8.8	28.5	17	00	7	00	0	1	0	—	13.5	+0.3	21.3	31	-4	16	-1	22	0	1		158
SIWA	00	8	26	2	1	0	—	12.6	25.0	28	00	8	00	0	0	0	—	16.3	+1.0	16.0	27	-1	10	-1	80	0	7	7	148
BAHARIYA	01	9	32	1	1	3	—	11.9	24.0	39	00	9	00	0	0	0	—	14.4	—	17.0	25	—	9	—	61	0	1	—	149
KHARGA	00	8	32	2	0	0	—	10.4	27.0	32	00	8	00	0	0	0	—	15.4	+1.2	20.5	28	-4	13	-1	35	0	dr.	tr	151
DAKHLA	02	7	30	1	1	4	—	13.1	24.9	30	00	7	30	1	0	0	—	16.0	+1.6	17.0	26	-7	12	-1	44	0	dr.	—	152
TOR	01	6	28	5	0	2	Cb	7.9	24.2	66	01	6	32	3	0	2	Cb	11.1	-2.4	20.6	25	-2	16	+1	70	0	20	13	145
HURGHADA											00	9	30	3	0	0	—	11.5	-1.8	21.7	25	-3	15	0	48	0	1		146
QUSEIR	01	7	02	2	0	1	Ci	9.0	22.1	62	00	7	30	1	0	0	—	11.4	-1.3	22.6	24	-3	18	-1	47	0	tr.	6	147
PORT SUDAN											06	—	32	2	2	9	—	9.3	-2.1	26.1	31	0	25	+4	57	3	81	107	169
WADI HALFA											00	8	30	2	0	0	—	14.0	+1.4	19.7	30	-5	15	-1	32			—	165
KAREIMA											00	8	32	4	0	0	—	13.9	+2.8	22.5	34	-5	21	+1	25	0	1	1	166
ATBARA											00	—	32	4	0	0	—	11.4	+1.8	25.8	37	-1	21	+1	19	0	6	1	167
KHARTUM	02	8	22	2	0	5	Cb	3.4	35	37	03	8	04	3	1	8	Ac	11.5	+3.0	26.3	37	-3	22	+1	24	dr.	3	5	168
KASSALA											02	8	18	3	1	5	Sc.	8.3	+0.6	25.0	36	-4	23	+1	68	dr.	16	11	170
W[illegible] MEDANI											01	—	12	3	0	4	—	9.0	+1.0	28.0	36	-5	23	+2	66	0	18	13	171
[illegible]EIM											00	—	—	3	0	0	—	8.4	-0.4	28.4	38	-2	25	+6	15	0	15	13	173
[illegible]	02	8	26	4	2	5	As	6.3	32	41																			182
[illegible]											00	—	14	1	0	0	—	6.7	-1.0	27.3	39	-1	21	0	67	9	36	44	172
[illegible]											00	8	30	3	0	2	Ci	10.3	+0.2	25.7	35	-3	22	+4	24	0	13	21	174
[illegible]											02	8	04	1	1	5	Cu, Sc	—	—	25.1	36	-2	22	+5	61	dr.	3	8	175
[illegible]	02	—	24	2	0	4	—	—	34	27	02	8	28	2	1	6	Ac	—	—	23.4	37	—	20	—	44	12	12	—	179
[illegible]	02	4	12	6	1	5	As	8.8	24	—																			187
[illegible]											03	8	08	2	2	6	Ac	10.0	+0.8	25.1	26	-13	20	-3	72	tr.	83	106	176
[illegible]											03	—	16	1	6	7	—	9.3	+0.8	22.6	28	-10	21	-1	92	15	141	190	177
[illegible]											01	8	00	0	0	4	Ac.	10.6	+0.7	25.7	36	0	22	0	84	26	328	203	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 6th
7 h.	h. m.	h. m.	h. m.	9 h.	h. m.	h. m.	4 h.	7 h.	7 h.	6 h.	6 h.	6 h.	6 h.	13 h.
[illegible]				02 27 16			03 34 15	06 02 25	06 36 25	06 19 20	07 34 30	06 03 15	06 21 10	02 34 35
[illegible]				05 29 15			06 35 30	10 02 20	10 02 40	10 18 15	10 02 25	10 34 05	10 26 05	05 34 —
[illegible]							10 34 25	15 02 30	15 04 25	15 18 20	15 33 20	15 05 05	15 00 0	10 31 45
[illegible] 32 45				Est. Cu.			15 33 30	20 02 35	20 15 10	20 20 20	20 26 10	20 04 05		15 28 25
20 31 15							20 30 25	30 01 —	27 27 20		30 19 10	30 18 10		20 33 20
							23 30 35				35 23 05	40 11 15		25 32 30
												45 10 10		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff. from normal
Alexandria	78	+11	15.8	+1.6
Ezbekiya	69	+15	15.3	+0.3
Gîza	75	+21	15.0	+0.4
Helwân	64	+21	13.5	+0.8

Gîza Grass minimum on 7th 9.4 °C

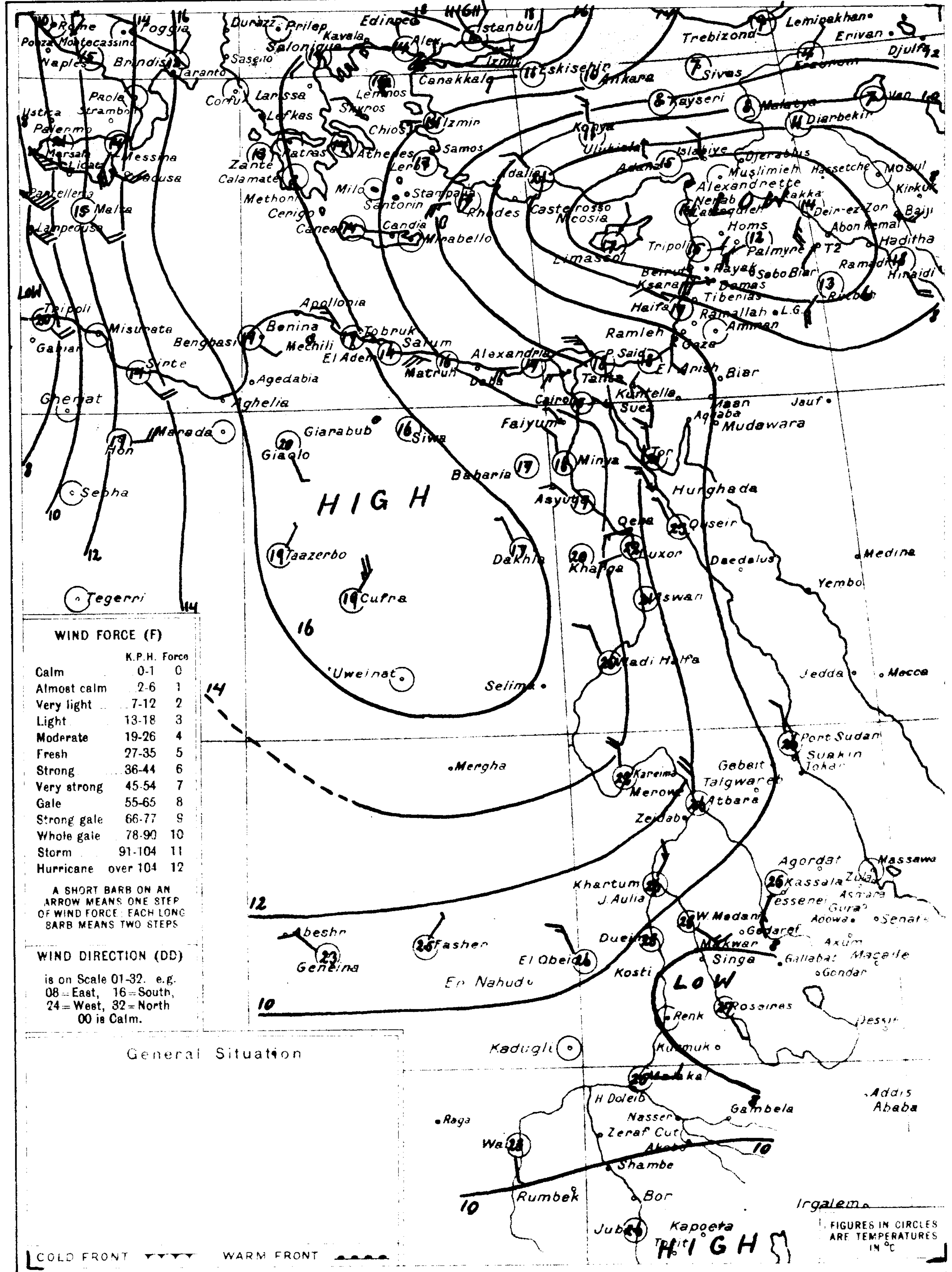
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
7.4	822	775
6.4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6.4	13.26	-0.03	13.28	0.00
Nâsser	5.4	5.32	+0.10	5.34	+0.13
Malakâl	6.4	10.28	+0.23	10.26	+0.21
Roseires	6.4	11.68	+0.35	11.70	+0.37
Sennâr Res	7.4	16.75	—	16.86	—
J. Aulia U.S	5.4	374.67	—	374.71	—
J. Aulia D.S	5.4	371.48	+0.57	371.50	+0.58
Khartûm	6.4	10.51	+0.21	10.52	+0.24
Kh. el Girba					
'Atbara	6.4	10.38	+0.41	10.39	+0.42
Kajnarti	7.4	132.27	+0.38	132.26	+0.36
Aswân Res.	7.4	120.23	—	120.25	—
Aswân D.S.	7.4	85.55	-0.04	85.55	-0.05
Rôda (Cairo)	6.4	15.82	+0.32	15.84	+0.34

Printed by the Survey & Mines Dept. 1938 (38/554)

٧-٤-١٩٣٩ Isobars, Wind and Temperature at 8 h. 7.4.1939.



SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 7th الساعة ٨ يوم ٧

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C min	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	6	04	2	2	7	—	5.6	-7.6	17	—	—	—	—	71	dr.	601	425
Haifa	03	—	26	2	—	7	—	9.0	-3.7	17.2	21	-3	16	+4	81	0	548	631
Gaza	02	8	16	2	5	5	Cu.	10.7	-2.7	17	—	—	12	+1	85	Rain	—	367
Siwa 6th	02	8	22	1	1	4	Cu.	16.2	+0.9	14.9	25	-3	10	-1	78	0	7	7
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of S[illegible]	8[illegible], 86
" of H[illegible]	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mostly overcast	2
[illegible]	3
[illegible]	4
[illegible]	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
[illegible]	0
[illegible]	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
[illegible]	6
[illegible]	7
[illegible]	8
[illegible] over [illegible] kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h 36 m
" " Sunset 18 h 18 m

Month APRIL 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

·١٩٣٩-٤-٨

At 14 h. on 7th — الساعة ١٤ يوم ٧ | At 8 h. on SATURDAY 8th — الساعة ٨ يوم السبت ٨

STATION	14h Present Weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past Weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. Press. M.S.L. 1000+ mbs (PPP)	14h °C Temp. (TTT)	14h % Humidity (UU)	8h Present Weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past Weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALÛM	00	9	32	5	0	0	—	14.3	19.0	56	00	8	00	0	0	0	—	14.0	-2.9	15.6	20	—	10	—	62	0	81	—	130
MATRÛH	00	7	28	5	0	0	—	13.4	17.7	89	01	7	22	1	0	1	Cu	13.8	-1.4	14.2	18	-4	8	-4	79	0	122	156	131
DIKHEILA	00	8	28	6	0	0	—	13.3	18.1	86	02	7	22	4	1	4	Sc	14.4	—	16.9	19	—	15	—	86	0	94	—	150
ALEXANDRIA	00	9	24	6	0	0	—	12.2	19.5	80	02	9	24	4	2	4	Ac	13.8	-0.9	16.6	21	-2	15	+1	83	0	165	181	132
DAMIETTA											00	8	20	3	0	0	—	12.0	—	17.2	21	—	14	—	87	0	70	102	159
PORT SAÏD	01	8	28	5	1	3	Cu	11.5	21.5	66	00	6	20	5	1	0	—	12.8	-0.6	15.5	24	+1	15	0	89	0	64	73	134
EL 'ARÎSH	00	7	28	4	1	0	—	10.8	20.1	40	00	7	20	2	0	0	—	12.8	—	18.5	22	—	14	—	67	0	130	86	135
DAMANHÛR											00	7	20	3	0	0	—	14.0	-0.8	17.6	23	-3	10	-1	76	0	29	97	136
MANSÛRA											01	8	30	1	1	3	Sc	13.1	—	15.5	25	-2	10	-1	89	0	46	49	137
TANTA	01	7	28	3	1	3	Ac	10.8	24.0	53	03	6	24	3	2	8	Sc	13.9	-1.9	14.5	25	-3	9	-2	95	0	40	35	138
ZAGAZIG	02	7	20	4	1	4	Ce	10.7	26.4	43	01	7	20	4	1	4	—	14.4	—	14.9	26	-1	10	0	89	0	31	25	139
CAIRO ALMAZA	01	8	24	3	1	4	Cu	11.6	25.0	46	05	6	22	2	0	0	—	14.4	—	17.0	26	—	12	—	70	0	18	—	141
EZBEKIYA	01	8	30	1	1	3	Cu	11.4	26.0	36	00	6	18	1	0	0	—	14.0	-0.1	17.2	27	0	12	-1	70	0	23	23	--
GIZA	01	8	28	3	2	2	Cu	11.0	26.1	37	05	5	00	0	4	0	—	14.4	-0.3	15.7	26	-1	10	0	77	0	23	24	—
HELWAN	01	8	28	4	0	2	Cu	11.2	24.0	26	05	5	00	0	0	0	—	15.4	+0.9	16.0	25	-2	11	-2	69	0	26	26	143
SUEZ	02	9	14	2	1	4	Cu	11.0	24.0	50	00	7	00	0	0	0	—	13.9	-1.0	18.4	26	-1	14	0	69	0	27	16	144
FAIYUM	01	8	30	3	0	3	Cu	12.4	25.0	30	00	7	00	0	0	0	—	15.0	+0.1	16.0	26	-3	10	-2	67	0	7	7	153
MINYA	00	8	32	3	1	0	—	12.3	25.3	30	00	5	24	2	0	0	—	14.7	-0.1	17.0	26	-4	11	-2	65	0	4	—	154
ASYUT	00	7	22	3	0	0	—	13.4	24.4	31	00	6	24	2	0	0	—	15.0	+0.9	19.0	26	-4	12	-2	46	0	2	4	155
QENA	01	8	26	4	0	1	Cu	11.1	27.0	32	00	8	22	2	0	0	—	14.3	+0.8	21.0	28	-7	14	-1	39	0	dr	—	156
LUXOR	01	8	22	4	1	3	Ci	11.8	27.2	33	00	8	14	1	0	0	—	13.9	—	22.5	28	—	10	—	42	0	dr	—	157
ASWAN	00	7	28	3	0	0	—	11.2	27.4	16	00	7	00	0	0	0	—	14.4	+1.3	20.0	29	-6	14	-3	32	0	1	—	158
SIWA	00	8	26	2	0	0	—	14.6	26.4	40																		7	148
BAHARIYA	00	9	32	1	0	0	—	13.3	26.0	24	00	9	00	0	0	0	—	15.9	—	17.0	26	—	8	—	43	0	1	—	149
KHARGA	00	8	04	3	0	0	—	13.1	29.2	28	00	8	00	0	0	0	—	15.9	+8.1	19.8	29	-4	12	-2	33	0	dr	tr	151
DAKHLA	00	7	32	2	0	0	—	13.9	26.0	24	00	7	00	0	0	0	—	15.8	+1.4	18.0	28	-5	12	-1	38	0	dr	—	152
TOR	00	6	28	6	1	3	Cb	9.9	22.8	52	00	6	32	4	0	0	—	12.6	-0.8	21.2	25	-2	15	0	61	0	20	13	145
HURGHADA											00	9	30	3	0	0	—	12.6	-0.6	25.6	26	-2	14	-1	53	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	10.4	23.8	57	00	7	30	2	0	0	—	12.6	-0.1	24.0	24	-3	15	-4	33	0	tr	6	147
PORT SUDAN	03	—	20	4	0	7	—	8.4	29	15	00	—	32	1	0	0	—	12.2	+0.8	25.5	30	-1	24	+3	55	0	81	107	169
WADI HALFA	01	8	26	3	1	4	Sc	53	30	28	00	8	30	1	0	0	—	14.3	+1.8	18.7	30	-6	13	-3	38	—	—	—	165
KAREIMA																												1	166
ATBARA											00	—	32	4	0	0	—	12.2	+2.7	24.5	34	-5	19	-1	21	0	6	1	167
KHARTUM											01	8	32	5	1	4	Ac	11.3	+2.8	25.2	37	-3	21	0	16	0	3	5	168
KASSALA											01	8	32	2	1	4	Ac	9.1	+1.4	27.3	34	-6	20	-2	40	0	16	11	170
WAD MEDANI	03	—	22	3	0	7	—	5	36	15	01	—	04	4	1	4	—	10.3	+2.3	26.5	36	-5	18	-3	16	0	18	13	171
DUEIM	03	—	24	3	0	7	—	6	36	25	00	—	—	3	0	0	—	12.6	+3.8	27.6	38	-2	23	+3	28	0	15	13	173
RENK																													182
ROSEIRES	01	—	12	9	0	4	—	2	37	45	00	—	12	1	0	0	—	7.0	-0.7	26.9	38	-2	23	+2	72	5	41	45	172
EL OBEID											03	8	30	5	1	8	Cs	11.3	+1.2	25.2	35	-3	20	+1	22	0	13	21	174
EL FASHER											02	8	08	2	1	5	Sc	—	—	23.9	36	-2	20	+2	26	dr	3	8	175
GENEINA											03	8	00	0	2	7	Ac,As	—	—	22.1	36	—	19	—	22	0	12	—	179
KADUGLI																													187
MALAKAL											81	8	28	3	8	8	As,Cu	10.3	+1.1	23.0	34	-5	22	-1	91	tr	83	106	176
WAU											03	—	20	3	2	7	—	9.7	+1.2	24.5	29	-8	22	0	82	0	141	192	177
JUBA																												207	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 5 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA	KHARTUM 6 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	Geneina 5 h.
02 10 00	02 29 15	03 28 25	02 24 10	02 20 05	02 29 10	02 30 10	03 04 15		06 01 40	06 21 15	07 03 25	06 31 30		10 03 35
03 33 10	05 30 05		05 30 20	05 26 05	05 01 15	05 34 25	06 03 45		10 01 40	10 03 40	10 04 45	10 29 40		15 08 30
04 29 05	10 30 45		10 31 20	08 31 20	10 31 30	10 35 25	10 02 30		15 35 25	15 34 50	15 07 35	15 29 35		20 10 05
05 27 15			15 31 30	10 31 20	15 31 30	15 35 25	15 36 25		20 30 25	20 33 35	20 04 25	20 29 35		30 35 15
10 29 30			20 32 40	15 31 35	20 31 30	20 32 30	20 35 30		30 27 40	30 26 20	30 24 15	30 29 15		40 33 15
15 29 25			25 32 50	20 32 40			27 32 30		40 27 45	40 28 65		36 27 10		42 32 10
20 28 25				23 31 45					50 24 45					
				25 31 65										
				27 31 60										

Forecast for 24 hours from noon on 8th

On the coast light to moderate westerly winds becoming southeasterly and freshening tomorrow. Inland light to moderate westerly winds becoming northeasterly tomorrow.
Mainly clear, high clouds later.
Little change in temperature.
Further outlook : Becoming warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٨

على السواحل رياح غربية من الخفيفة والمعتدلة تتحول الى جنوبية شرقية وتشتد نوعا باكر وفي الداخل رياح غربية من الخفيفة والمعتدلة تتحول الى شمالية شرقية غدا - السماء صحو ثم تظهر السحب العالية فيما بعد ولا تتغير درجة الحرارة الا قليلا - وفيما بعد سترتفع درجة الحرارة

Mean of day

STATION	Humidity % on 7th	Diff. from normal	Wet Bulb Temp °C on 7th	Diff. from normal
Alexandria	81	+14	16.1	+1.8
Ezbekiya	64	+10	15.3	+0.2
Giza	62	+8	15.4	+0.7
Helwan	60	+18	13.5	+0.7

Giza Grass minimum on 8th 6.3°C

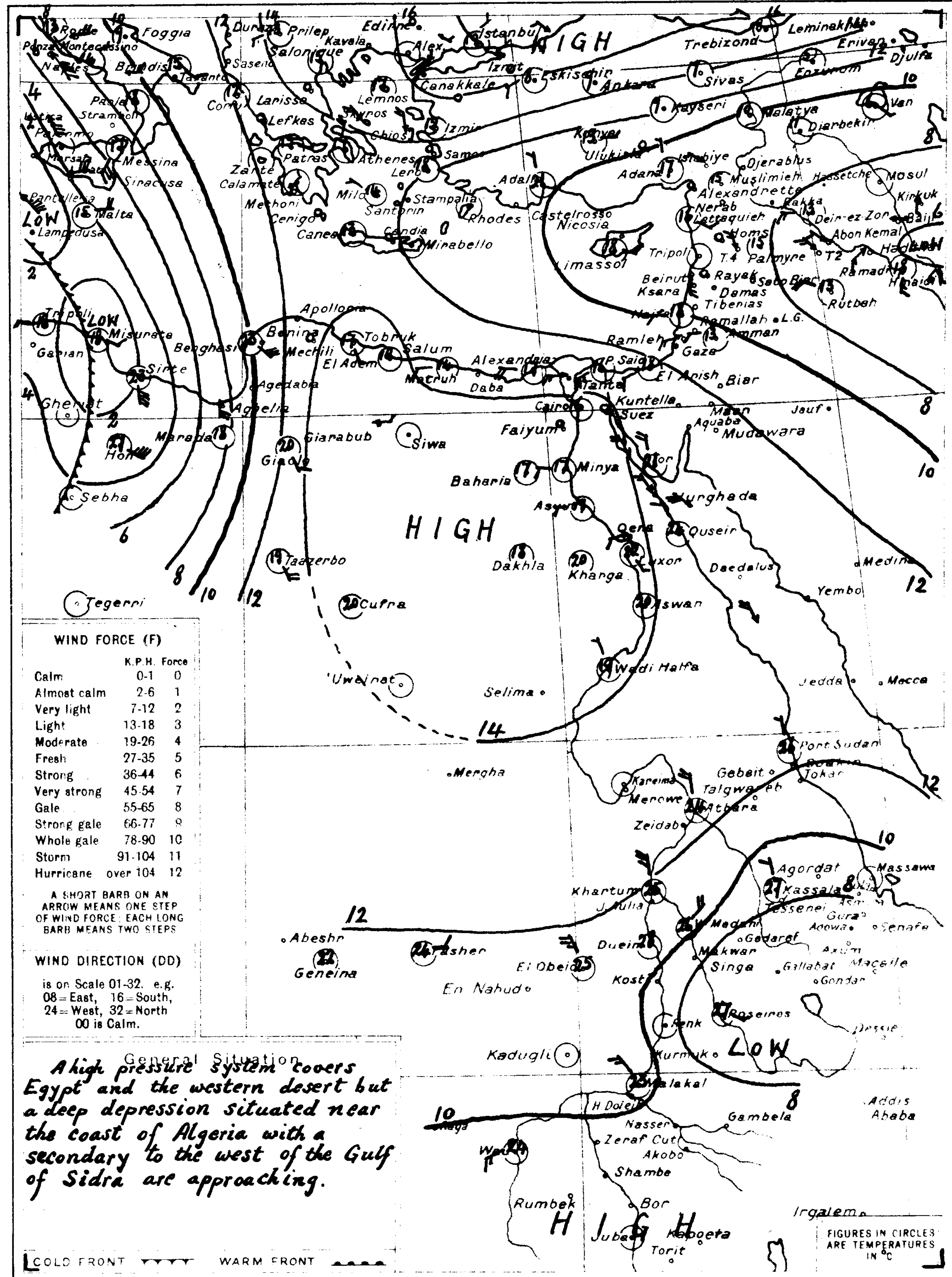
Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
8-4	822	775
7-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	7-4	13.26	-0.03	13.26	-0.03
Nasser	7-4	5.28	+0.03	5.30	+0.06
Malakal	8-4	10.30	+0.25	10.30	+0.25
Roseires	8-4	11.73	+0.39	11.67	+0.33
Sennar Res	7-4	16.75	—	16.86	—
J. Aulia U.S	7-4	374.47	—	374.58	—
J. Aulia D.S	7-4	371.47	+0.57	371.44	+0.53
Khartum	7-4	10.50	+0.18	10.51	+0.21
Kh. el Girba					
'Atbara	8-4	10.36	+0.39	10.36	+0.39
Kajnarti	7-4	132.27	+0.38	132.26	+0.36
Aswan Res.	8-4	120.20	—	120.23	—
Aswan D.S	8-4	85.55	-0.03	85.55	-0.04
Roda (Cairo)	8-4	15.82	+0.32	15.82	+0.32

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 8-4-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A high pressure system covers Egypt and the western desert but a deep depression situated near the coast of Algeria with a secondary to the west of the Gulf of Sidra are approaching.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 8th — الساعة ٨ يوم ٨

STATION محطة	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	2	0	0	—	8.6	-4.5	18	—	—	—	—	—	2	603	426
Haifa	03	—	22	2	—	7	—	11.4	-1.2	18.3	20	-4	16	+4	76	0	548	631
Gaza																		367

SHIPS سفن
73234 36706 29400 12975
73267 34706 27600 12773 637X0 57000

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.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of [illegible]	85, 86
" of [illegible]	88, 89
Thunderstorm	90-99
" [illegible] Rain	91
" with [illegible]	94-96
[illegible]	98
heavy, with [illegible]	99

PAST WEATHER (W)

Clear, slight [illegible]	0
Variable sky	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
Rain	6
Snow, sleet	7
Showers	8
[illegible]	9

VISIBILITY (V)

[illegible]	0
[illegible]	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
[illegible]	6
[illegible]	7
[illegible]	8
[illegible]	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 05 35
" " Sunset 18 18

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر أبريل ٣٩-٤-٩

At 14 h. on 8th ٨ يوم الساعة ١٤ — At 8 h. on SUNDAY 9th الأحد ٩

STATION	14h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	°C Temp TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALÛM	00	9	00	0	0	0	—	12.2	24.0	35	00	8	12	5	0	0	—	9.4	-7.5	18.0	24	—	15	—	31	0	81	—	130
MATRÛH	00	7	00	0	0	0	—	12.8	18.8	63	00	7	14	3	0	0	—	10.8	-4.3	19.9	19	-3	8	-4	41	0	122	156	131
DIKHEILA	01	8	26	4	1	1	Cu	14.0	17.8	84	05	7	14	3	0	1	St	14.0	—	16.0	19	—	10	—	77	0	94	—	150
ALEXANDRIA	00	9	24	4	0	0	—	14.0	19.1	81	00	8	00	0	4	0	—	13.3	-1.4	13.8	21	-2	12	-2	82	0	165	181	132
DAMIETTA											00	7	16	2	1	0	—	12.6	—	18.8	21	—	12	—	78	0	70	102	159
PORT SAÎD	00	8	20	3	1	0	—	12.4	22.6	71	00	7	18	4	0	0	—	12.4	-1.0	17.4	25	+2	15	0	87	0	64	74	134
EL 'ARÎSH	00	7	28	2	0	0	—	12.4	21.0	67	00	7	00	0	0	0	—	13.0	—	19.8	22	—	13	—	67	0	130	86	135
DAMANHÛR											40	2	16	2	4	—	—	14.0	-0.7	12.2	25	-2	9	-2	100	0	29	97	136
MANSÛRA											40	3	30	1	4	0	—	13.1	—	13.2	26	-1	9	-2	97	0	46	49	137
TANTA	00	7	24	2	1	0	—	11.9	26.0	36	03	6	20	2	2	8	Sc	14.2	-1.5	14.2	27	-1	10	-2	98	0	40	36	138
ZAGÂZIG	00	8	20	4	0	0	—	12.6	25.8	30	00	7	20	2	4	0	—	14.3	—	18.3	26	-1	8	-2	77	0	31	26	139
ALMÂZA	00	8	26	2	0	0	—	12.8	24.0	31	05	5	00	0	1	0	—	13.6	—	18.2	26	—	12	—	54	0	18	—	141
EZBEKIYA	00	9	00	0	0	0	—	12.7	25.4	25	00	6	00	0	0	0	—	13.5	-0.6	18.6	26	-1	12	-1	53	0	23	24	—
GÎZA	00	8	26	1	0	0	—	12.3	25.0	26	00	6	00	0	0	0	—	13.5	-1.1	15.9	26	-1	8	-2	70	0	23	24	—
HELWÂN	00	9	28	2	0	0	—	11.9	23.8	16	05	5	00	0	0	0	—	13.4	-1.0	18.0	25	-2	13	0	41	0	26	26	143
SUEZ	00	9	10	1	0	0	—	11.9	25.3	38	00	7	08	1	0	0	—	13.1	-1.8	19.3	27	0	13	-1	73	0	27	16	144
FAIYÛM	00	8	30	1	0	0	—	12.3	25.6	27	00	8	00	0	0	0	—	13.5	-1.3	15.8	28	-1	10	-2	52	0	7	7	153
MINYA	00	7	02	3	0	0	—	12.6	26.0	30	00	6	12	3	0	0	—	13.4	-1.3	16.0	27	-3	11	-2	50	0	4	—	154
ASYÛT	00	8	28	2	0	0	—	12.3	27.4	21	00	6	12	3	0	0	—	14.0	-0.1	19.0	28	-3	12	-2	38	0	2	4	155
QENA	00	8	26	3	0	0	—	11.5	29.6	17	00	8	26	1	0	0	—	13.6	+0.1	20.1	31	-4	12	-3	40	0	dr	—	156
LUXOR	00	8	02	2	0	0	—	11.5	29.2	22	00	8	22	1	0	0	—	13.6	—	22.2	31	—	11	—	37	0	dr	—	157
ASWÂN	00	7	02	2	0	0	—	10.7	29.2	10	00	7	00	0	0	0	—	13.4	+0.4	21.0	30	-5	14	-3	32	0	1	—	158
SIWA	00	8	00	0	1	0	—	12.7	29.7	42	00	8	00	0	0	0	—	10.8	-4.4	19.2	31	+2	10	-1	61	0	7	7	148
BAHARIYA	00	9	32	1	0	0	—	12.8	27.0	26	00	9	00	0	0	0	—	14.4	—	17.5	29	—	8	—	40	0	1	—	149
KHARGA	00	8	04	3	0	0	—	13.4	28.3	28	00	8	00	0	0	0	—	13.3	-0.7	19.4	29	-4	11	-3	43	0	dr	tr	151
DÂKHLA	00	8	32	1	0	0	—	13.5	27.7	20	00	7	10	1	0	0	—	13.8	-0.5	15.1	30	-3	8	-5	31	0	dr	—	152
TÔR	00	6	28	3	0	0	—	10.3	25.5	43	00	6	32	1	0	0	—	12.4	-1.0	21.5	28	+1	12	-3	57	0	20	13	145
HURGHADA	00	9	02	4	0	0	—	10.3	25.2	36																			146
QUSEIR	00	5	32	2	0	0	—	—	23.4	60	00	7	28	1	0	0	—	12.3	-0.3	24.0	24	-3	17	-2	33	0	tr	6	147
PORT SUDAN	09	—	08	2	0	—	—	9.9	28	55	00	—	28	1	0	0	—	14.2	+2.9	27.0	29	-2	24	+3	36	0	81	107	169
WÂDI HALFA	02	8	12	2	5	5	As	—	29	58	00	7	00	0	0	0	—	14.0	+1.6	18.2	30	-6	11	-5	36	—	—	—	165
KAREIMA											00	8	04	1	0	0	—	14.4	+3.4	21.0	31	-8	17	-3	27	0	1	1	166
ATBARA											00	—	02	3	0	0	—	12.4	+3.1	24.8	33	-6	16	-4	17	0	6	2	167
KHARTÛM											01	8	02	3	0	4	Cs	11.5	+3.1	24.6	37	-3	19	-2	16	0	3	5	168
KASSALA											00	8	04	3	0	0	—	10.3	+2.7	23.0	36	-4	17	-5	38	0	16	12	170
WAD MEDANI	09	—	04	4	0	—	—	6	35	15	00	—	02	5	0	0	—	10.3	+2.4	26.3	36	-5	16	-5	9	0	18	14	171
DUEIM	10	—	—	4	0	—	—	—	36	25	00	—	—	3	0	0	—	10.2	+1.5	25.6	37	-3	21	+1	27	0	15	13	173
RENK																												—	182
ROSEIRES	09	—	12	1	0	—	—	3	35	35	00	—	10	1	0	0	—	8.0	+0.3	26.9	37	-3	21	0	68	0	41	45	172
EL OBEID											02	8	32	3	1	5	Ci	11.7	+1.7	24.5	35	-3	19	0	22	0	13	21	174
EL FASHER											03	8	04	1	1	6	As,Cs	—	—	21.0	33	-5	17	-1	41	0	3	8	175
GENEINA											03	8	00	0	1	8	As,Cs	—	—	20.5	36	—	16	—	27	0	12	—	179
KADUGLI																												—	187
MALAKAL											02	8	16	2	2	5	Cu	11.4	+2.2	24.2	33	-6	21	-2	80	dr	83	107	176
[illegible]U											03	—	16	1	6	7	—	9.9	+1.4	22.2	32	-5	20	-2	92	25	166	194	177
[illegible]A											10	8	16	3	9	6	Cu	11.4	+1.5	22.3	31	-5	21	-1	91	29	428	211	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH h. m.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 4 h.	KHARTÛM 6 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKAL 6 h.	JÛBA 6 h.	Salum 8th 13 h.
02.15.20		02.17.20	02.18.10	02.17.05	02.13.10	05.36.30	06.36.25	06.02.30	06.01.45	06.03.15	07.13.20	06.17.20	06.23.15	02.00.00
05.18.70		05.19.10	05.17.05	05.22.05	05.03.10	10.35.30	10.36.25	10.01.30	10.01.45	10.03.20	10.11.30	10.21.25	10.24.15	05.23.15
10.24.25		10.22.10	10.18.05	08.13.10	10.31.20	15.34.20	15.36.25	15.35.25	15.30.25	15.04.30	15.05.70		15.25.10	10.27.15
15.24.70		12.30.15	12.24.05	10.15.05	15.32.25		20.02.20	20.33.25	20.24.35	20.06.25	20.28.10		19.25.20	15.33.10
20.23.45		15.33.20	15.36.10	15.36.10	20.29.25		30.33.25	21.32.30	30.26.45		25.11.20			20.28.15
25.25.40		20.32.25	20.34.35	20.34.30			39.32.25		40.28.15					25.26.15
30.25.40		25.32.25		23.33.35					50.24.10					30.29.20
		30.32.40		25.33.40					52.26.10					35.28.30
				30.32.45										40.27.30
				39.33.55										50.25.20

Forecast for 24 hours from noon on 9th

Light to moderate southerly winds freshening later on the coast.
Mainly clear.
Warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٩
رياح جنوبية بين الخفيفة والمعتدلة تشتد نوعا
على السواحل فيما بعده
السماء صحو على العموم
ترتفع درجة الحرارة.

STATION	Mean of day Humidity % 8th	Diff. from normal	Wet Bulb Temp °C 8th	Diff. from normal
Alexandria	82	+15	15.8	+1.4
Ezbekiya	54	0	14.0	-1.2
Gîza	56	+2	13.6	-1.1
Helwân	42	0	12.0	-0.9

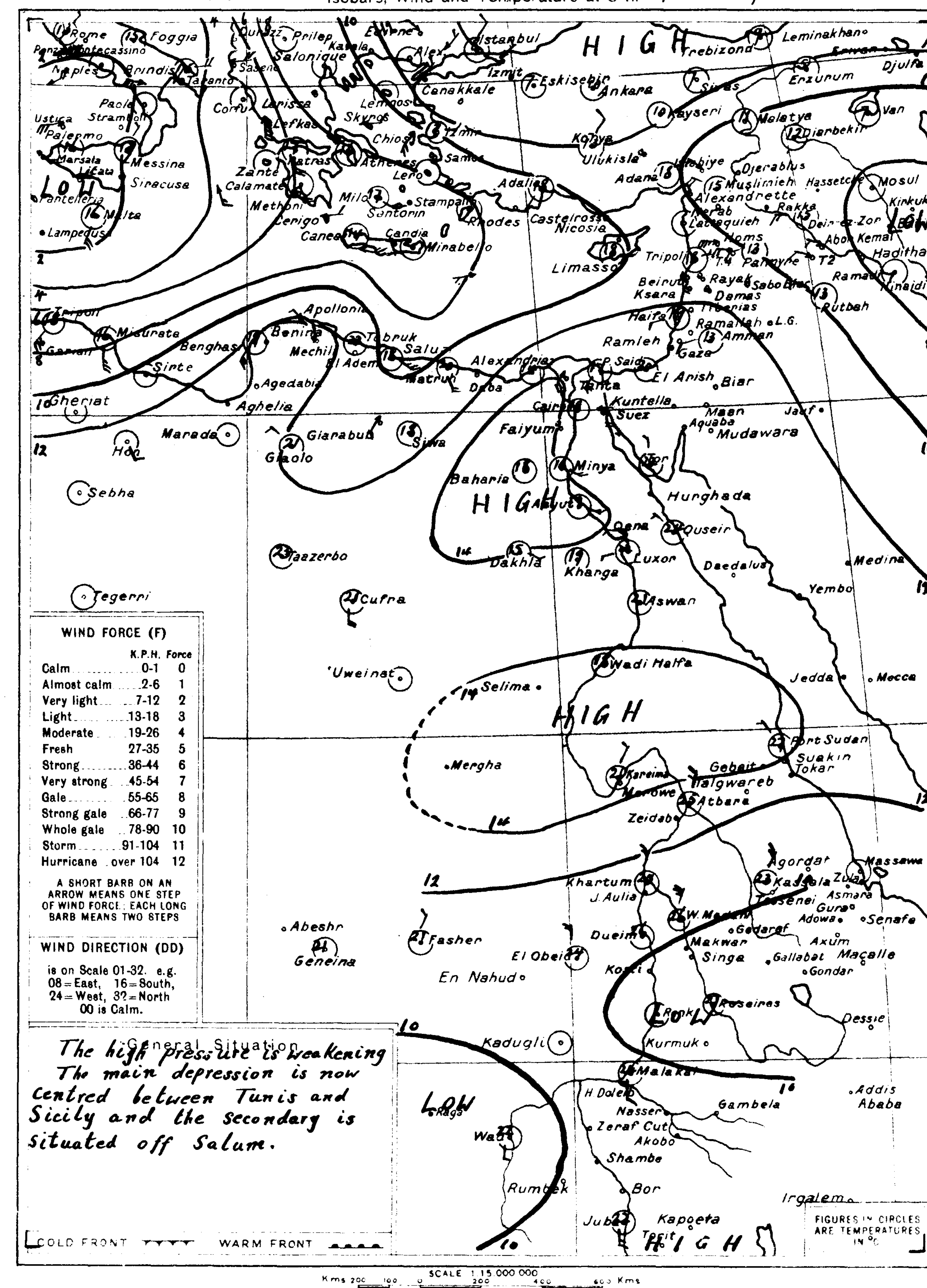
Gîza Grass minimum on 9th 3.7 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
9-4	822	775
8-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-4	13.26	-0.03	13.26	-0.03
Nasser	8-4	5.31	+0.05	5.28	+0.03
Malakal	9-4	10.30	+0.24	10.30	+0.25
Roseires	9-4	11.80	+0.46	11.73	+0.39
Sennâr Res.	8-4	16.68	—	16.75	—
J. Aulia U.S.	7-4	374.47	—	374.58	—
J. Aulia D.S.	7-4	371.47	+0.57	371.44	+0.53
Khartûm	8-4	10.51	+0.17	10.50	+0.18
Kh. el Girba					
Atbara	8-4	10.36	+0.39	10.36	+0.39
Kajnarti	8-4	132.34	+0.46	132.27	+0.38
Aswân Res.	9-4	120.19	—	120.20	—
Aswân D.S.	9-4	85.55	-0.03	85.55	-0.03
Rôda (Cairo)	9-4	15.79	+0.29	15.82	+0.32

Isobars, Wind and Temperature at 8 h. 9-4-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The high pressure is weakening. The main depression is now centred between Tunis and Sicily and the secondary is situated off Salum.

At 8 h. on 9th ٩ يوم الساعة ٨

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	2	0	0	—	10.0	-3.1	18	—	—	—	—	—	0	603	426
Haifa	01	—	22	1	—	3	—	12.3	-0.3	18.9	21	-3	14	+2	71	0	548	631
Gaza																		367
Siwa 8th	00	8	00	0	0	0	—	15.0	-0.2	16.2	28	-1	9	-2	58	0	7	7

SHIPS
13400 - 12506 - 06403 - 00856 - 352X8 - 61285 - 36815.
13304 - 32106 - 18100 - 13963 - 30000 - 61700 - 65406.

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 34
" " Sunset 18 19

Month APRIL 1939 ١٩٣٩ شهر أبريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 9th — الساعة ١٤ يوم ٩ — At 8 h. on MONDAY 10th — الاثنين ١٠ — الساعة ٨ يوم

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	05	7	14	4	1	4	Cc	9.1	31.0	7	00	7	28	1	0	0	—	9.1	-7.8	20.8	32	—	13	—	46	0	81	—	130
	MATRÛH	00	7	18	2	0	0	—	9.1	32.1	36	00	7	26	3	0	0	—	8.6	-6.2	16.9	32	+10	13	+1	40	0	122	156	131
	DIKHEILA	00	8	04	3	0	0	—	12.2	21.2	—	00	9	12	3	0	0	—	8.3	—	19.2	28	—	14	—	45	0	94	—	150
	ALEXANDRIA	00	9	04	2	0	0	—	11.5	23.5	52	00	9	12	4	0	0	—	7.8	-6.8	18.4	28	+5	15	+1	42	0	165	161	132
	DAMIETTA											00	8	10	2	0	0	—	7.8	—	21.5	26	—	16	—	54	0	70	102	159
	PORT SAÏD	00	7	30	3	0	0	—	12.0	25.6	49	00	8	04	1	0	0	—	9.6	-3.7	18.8	26	+3	17	+2	47	0	64	74	134
	EL 'ARÎSH	00	7	28	2	0	0	—	12.8	—	—	00	7	00	0	0	0	—	11.1	—	21.0	—	—	11	—	41	0	130	86	135
LOWER EGYPT	DAMANHÛR											00	7	14	2	0	0	—	8.7	-6.0	20.3	28	+1	12	+1	44	0	29	98	136
	MANṢÛRA											00	8	12	1	0	0	—	9.5	—	20.0	28	+1	12	+1	47	0	46	50	137
	TANTA	00	8	00	0	0	0	—	11.2	29.0	29	00	8	16	2	0	0	—	9.4	-6.2	23.2	31	+3	11	-1	32	0	40	36	138
	ZAGÂZIG	00	8	20	2	0	0	—	11.2	28.9	24	00	8	10	2	0	0	—	10.0	—	23.4	29	+2	13	+2	33	0	31	26	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	00	0	0	0	—	11.6	28.7	28	00	8	16	2	0	0	—	9.6	—	26.4	30	—	20	—	30	0	18	—	141
	CAIRO EZBEKIYA	00	8	20	1	0	0	—	11.4	29.2	20	00	5	14	3	0	0	—	9.5	-4.5	21.6	31	+4	15	+2	32	0	23	24	—
	CAIRO GIZA	00	8	00	0	0	0	—	11.2	29.1	22	00	7	00	0	0	0	—	8.3	-6.3	22.1	30	+3	12	+2	29	0	23	24	—
	HELWÂN	00	9	24	3	0	0	—	10.7	28.0	9	00	8	16	2	0	0	—	10.3	-4.0	21.3	29	+1	17	+3	24	0	26	26	143
	SUEZ	00	9	16	2	0	0	—	11.9	25.2	39	00	8	14	2	0	0	—	10.6	-4.2	21.6	27	0	15	0	63	0	27	16	144
UPPER EGYPT	FAIYÛM	00	8	28	1	0	0	—	11.8	28.0	24	00	7	00	0	0	0	—	10.6	-4.1	18.8	30	+1	12	0	34	0	7	7	153
	MINYA	00	8	30	2	0	0	—	11.8	29.0	21	00	7	08	3	0	0	—	10.2	-4.5	20.0	29	-1	15	+2	28	0	4	—	154
	ASYÛT	00	8	06	2	0	0	—	11.6	29.0	23	00	7	12	4	0	0	—	11.5	-2.5	20.0	31	0	12	-2	40	0	2	4	155
	QENA	00	8	22	3	0	0	—	11.4	30.2	20	00	8	08	2	0	0	—	12.8	-0.7	20.0	33	-2	10	-5	36	0	dr	—	156
	LUXOR	00	8	08	1	0	0	—	11.2	31.8	25	00	8	06	2	0	0	—	12.8	—	22.0	33	—	10	—	42	0	dr	—	157
	ASWÂN	00	7	24	1	0	0	—	11.2	30.5	10	00	7	00	0	0	0	—	12.2	-0.7	19.2	32	-3	15	-2	31	0	1	—	158
WESTERN DESERT	SÎWA	00	8	10	2	0	0	—	8.7	34.0	50	00	8	00	0	0	0	—	9.8	-5.4	20.0	37	+8	14	+3	55	0	7	7	148
	BAHARÎYA	00	9	00	0	0	0	—	11.2	32.0	20	00	9	00	0	0	0	—	9.4	—	23.0	33	—	15	—	25	0	1	—	149
	KHARGA	00	8	04	2	0	0	—	11.2	27.8	31	00	8	12	1	0	0	—	12.3	-1.6	20.1	29	-4	13	-1	40	0	dr	tr	151
	DÂKHLA	00	8	16	1	0	0	—	11.1	33.1	16	00	7	08	2	0	0	—	11.5	-2.7	21.6	34	+1	12	-1	26	0	dr	—	152
RED SEA	TÔR	00	6	28	2	0	0	—	9.8	26.0	52	00	6	32	2	0	0	—	11.4	-1.9	19.0	27	0	13	-2	63	0	20	13	145
	HURGHADA	09	9	12	1	0	0	—	10.7	26.3	42	00	9	00	0	0	0	—	12.4	-0.6	24.8	27	-1	11	-4	35	0	1	—	146
	QUṢEIR	00	7	02	2	0	0	—	11.6	23.4	71	00	7	00	0	0	0	—	12.7	+0.1	24.3	25	-2	17	-2	47	0	tr	6	147
	PORT SUDAN											00	—	32	1	0	0	—	13.4	+2.1	27.5	29	-2	24	+3	46	0	81	107	169
NORTH SUDAN	WÂDI HALFA	01	8	30	3	0	1	—	10.5	31	17	00	8	00	0	0	0	—	12.4	0.0	18.3	32	-4	11	-5	28	—	—	—	165
	KAREIMA	01	8	32	3	0	1	—	10.5	32	14	00	8	04	2	0	0	—	13.1	+2.2	22.0	33	-6	11	-9	16	0	1	1	166
	'ATBARA											00	—	06	2	0	0	—	12.0	+2.8	24.7	34	-5	16	-4	27	0	6	2	167
	KHARTÛM	03	8	02	2	1	6	—	8.1	35	25	01	8	04	3	0	4	Ci	10.5	+2.1	24.7	36	-4	17	-4	16	0	3	5	168
	KASSALA	01	8	18	3	1	3	—	4.3	36	13	01	8	04	2	0	3	Ci	8.8	+1.2	25.3	37	-3	16	-6	34	0	16	12	170
CENTRAL SUDAN	WAD MEDANI											00	—	04	5	0	0	—	9.3	+1.4	27.8	36	-5	15	-6	8	0	18	14	171
	DUEIM											00	—	—	3	0	0	—	9.6	+0.9	27.4	35	-5	22	+2	24	0	15	13	173
	RENK																						—		—				—	182
	ROSEIRES											00	—	06	1	0	0	—	6.4	-1.3	29.3	38	-2	22	+1	31	0	41	46	172
	EL OBEID											03	8	32	1	1	6	Ci	10.0	+0.1	24.5	34	-4	16	-3	24	0	13	21	174
	EL FASHER											01	8	00	0	0	3	Cs	—	—	20.2	34	-4	16	-2	32	0	3	8	175
	GENEINA	02	8	24	1	2	5	Ac	—	34	18	01	8	28	2	0	3	Ac	—	—	21.8	38	—	18	—	22	0	12	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											02	8	30	3	2	5	Ci,Ac	7.6	-1.6	28.0	35	-4	23	0	61	0	83	107	176
	WAU											00	—	20	2	0	0	—	8.0	-0.5	25.8	32	-5	22	0	78	0	166	146	177
	JÛBA											01	8	12	3	0	4	St	9.5	-0.4	25.4	31	-5	23	+1	84	0	428	214	178

UPPER WINDS — الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA 9 h. m.	CAIRO h. m.	HELWÂN 9 h. m.	ASYÛT h. m.	ASWÂN h. m.	WÂDI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTÛM 6 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 6 h. m.	JÛBA 6 h. m.	Salum 9th 13 h. m.
		02.23.35		02.17.10			03.04.15	06.04.25	06.02.30	06.09.10	07.40.30	06.31.10	06.20.15	02.16.35
		06.22.35		05.19.50			06.02.25	10.04.10	10.04.20	10.05.20	10.06.25	10.33.20	10.19.25	05.21.55
		11.25.45		08.20.45			10.04.15	15.03.05	15.04.15	15.35.15	15.34.10	15.22.05	15.17.25	10.21.95
		15.23.45		10.21.45			15.11.10	20.01.10	20.29.15	20.28.20	20.26.15	20.08.05	20.15.20	15.23.55
		20.24.50		15.24.55			20.02.15		24.29.30	30.16.15	30.23.20	24.08.15	30.14.10	20.22.35
		22.24.55		20.24.50			30.34.20						40.17.25	25.22.45
				23.26.45			40.33.10						50.19.20	30.23.40
				25.27.35			43.34.10						54.21.05	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 9th	Diff. from normal	Wet bulb temp. °C on 9th	Diff. from normal
Alexandria	63	-4	14.6	+0.2
Ezbekiya	43	-11	14.6	+0.7
Gîza	54	0	14.5	+0.3
Helwân	22	-20	12.4	-0.6

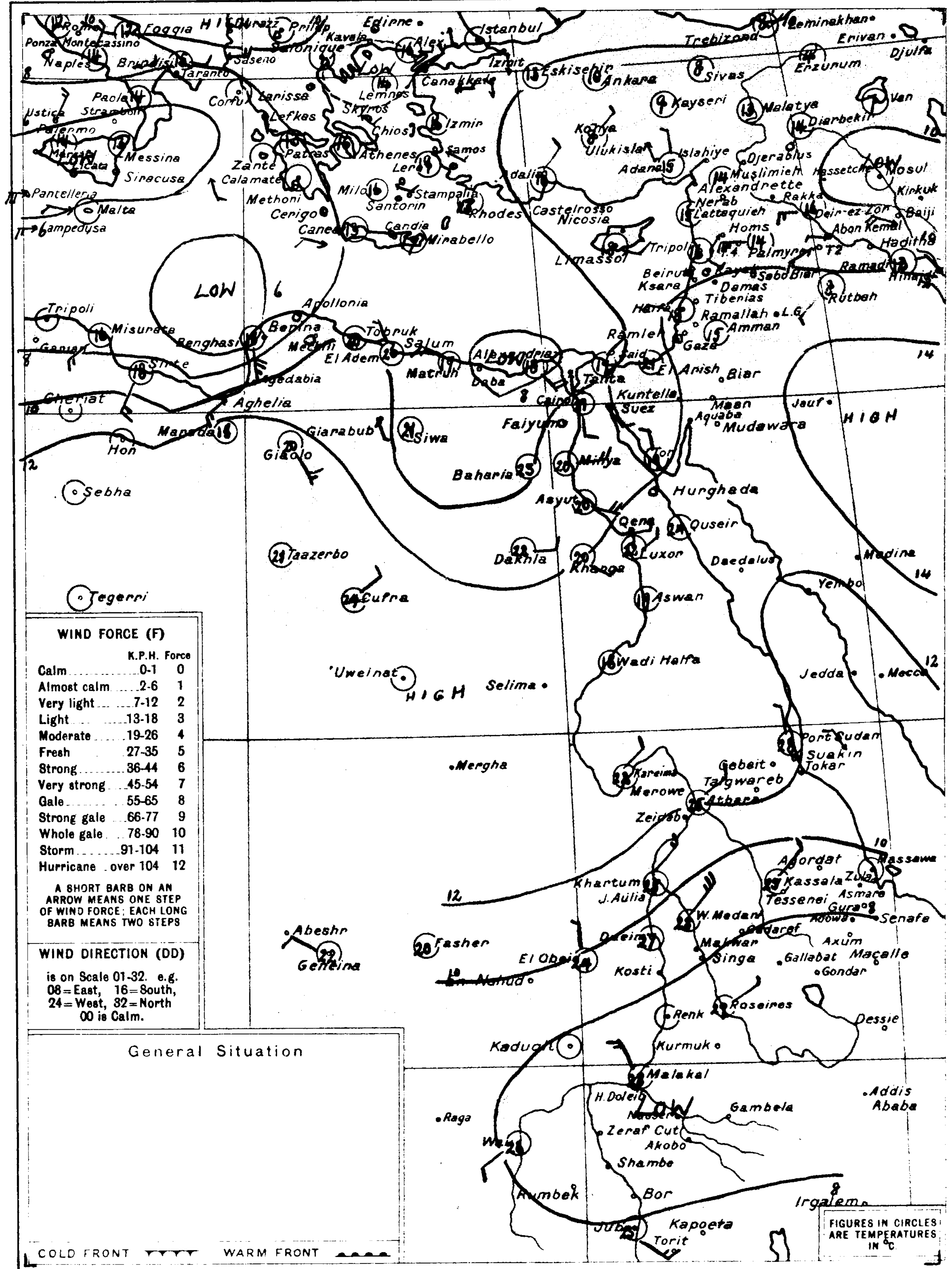
Gîza Grass minimum on 10th 4.7 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
10-4	822	775
9-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-4	13.80	+0.50	13.28	-0.02
Nâsser	9-4	5.37	+0.09	5.31	+0.05
Malakâl	10-4	10.36	+0.24	10.30	+0.24
Roseires	10-4	11.82	+0.48	11.80	+0.46
Sennâr Res.	9-4	16.64	—	16.68	—
J. Aulia U.S	9-4	374.30	—	374.32	—
J. Aulia D.S	9-4	371.52	+0.63	371.51	+0.61
Khartûm	10-4	10.54	+0.19	10.53	+0.19
Kh. el Girba					
'Atbara	10-4	10.31	+0.34	10.32	+0.35
Kajnarti	10-4	132.54	+0.67	132.41	+0.53
Aswân Res.	10-4	120.17	—	120.19	—
Aswân D.S.	10-4	85.55	-0.03	85.55	-0.03
Rôda (Cairo)	10-4	15.75	+0.25	15.79	+0.29

١٩٣٩-٤-١٠ Isobars, Wind and Temperature at 8 h. 10-4-1939



SCALE 1:15,000,000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 10-4-1939 — ١٩٣٩-٤-١٠ الساعة ٨ يوم

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	7	10	2	0	1	—	10.2	-2.9	18	—	—	—	—	—	0	603	427
Haifa	00	—	26	2	0	0	—	12.0	-0.6	17.6	22	-2	10	-2	64	0	548	632
Gaza	00	9	32	1	0	0	—	12.3	-0.9	19	—	—	8	-3	45	—	—	367
Hurghada 9th	00	9	30	3	0	0	—	12.7	-0.4	22.4	24	-4	12	-3	45	0	1	—
Gaza 9th	02	8	14	1	0	4	Ac	13.8	+0.6	19	—	—	12	+1	65	—	—	367

SHIPS سفن

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AN[redacted]

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	

CAIRO
Time of Sunrise $^{h}05$ $^{m}33$
" " Sunset $^{h}18$ $^{m}20$

Month APRIL 1939 ١٩٣٩ شهر أبريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 10th — الساعة ١٤ يوم ١٠ | At 8 h. on TUESDAY 11th — الساعة ٨ يوم الثلاثاء ١١

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	05	6	00	0	0	0	—	8.6	23.2	24	00	7	26	3	0	0	—	12.0	-4.9	17.6	26	—	14	—	52	0	81	—	130
	MATRUH	00	7	30	2	0	0	—	9.3	18.5	99	00	7	24	4	0	0	—	11.1	-3.9	18.7	21	-1	13	0	77	0	122	156	131
	DIKHEILA	00	8	24	5	0	0	—	9.1	21.0	74	05	7	18	2	0	0	—	11.9	—	19.5	27	—	12	—	33	0	94	—	150
	ALEXANDRIA	00	9	24	5	0	0	—	8.3	21.0	69	00	9	20	2	0	0	—	11.1	-3.5	19.2	25	+1	15	+1	35	0	165	181	132
	DAMIETTA											04	7	24	2	0	0	—	10.6	—	19.0	32	—	11	—	63	0	70	102	159
	PORT SAÎD	00	6	04	4	0	0	—	6.3	27.3	45	00	8	20	2	0	0	—	10.4	-2.9	19.8	30	+7	16	+1	51	0	64	74	134
	EL 'ARÎSH	00	7	28	1	0	0	—	6.3	26.0	38	00	7	00	0	0	0	—	11.4	—	20.0	30	—	14	—	60	0	130	86	135
LOWER EGYPT	DAMANHÛR											00	7	20	2	0	0	—	11.5	-3.2	19.6	29	+2	12	+1	44	0	29	98	136
	MANṢÛRA											00	8	02	1	0	0	—	10.4	—	21.3	33	+6	11	-1	46	0	46	50	137
	ṬANTA	00	7	20	6	0	0	—	7.2	32.0	19	00	7	20	3	0	0	—	11.0	-4.5	21.0	34	+6	10	-2	41	0	40	36	138
	ZAGÂZÎG	00	7	20	6	0	0	—	7.2	32.4	16	00	7	20	2	0	0	—	11.1	—	21.8	33	+6	11	0	40	0	31	26	139
MIDDLE EGYPT	CAIRO ALMÂZA	05	7	22	7	0	0	—	7.5	32.4	15	00	7	16	3	0	0	—	10.8		26.0	33	—	16	—	16	0	18	—	141
	CAIRO EZBEKÎYA	05	7	20	5	3	0	—	7.4	33.2	12	00	5	14	2	0	0	—	11.0	-3.0	22.0	34	+6	14	+1	24	0	23	24	—
	CAIRO GÎZA																											23	24	—
	HELWÂN	00	6	18	5	0	0	—	7.0	32.2	7	05	6	12	1	0	0	—	11.4	-2.9	22.2	34	+6	17	+3	16	0	26	26	143
	SUEZ	00	9	20	2	0	0	—	7.6	32.1	24	00	8	16	2	0	0	—	11.4	-3.4	21.8	33	+5	15	0	75	0	27	16	144
UPPER EGYPT	FAIYÛM	00	8	30	5	0	0	—	7.6	33.5	7	00	7	00	0	0	0	—	11.9	-2.7	20.1	34	+5	12	0	43	0	7	7	153
	MINYA	00	6	20	4	0	0	—	7.4	35.0	9	00	6	30	1	0	0	—	11.4	-3.2	18.7	36	+6	14	+1	52	0	4	—	154
	ASYÛṬ	00	8	22	3	0	0	—	9.3	36.0	12	00	6	22	3	0	0	—	11.5	-2.4	21.7	37	+6	16	+2	36	0	2	4	155
	QENA	00	8	22	1	0	0	—	10.3	34.0	17	01	8	08	3	1	4	St	11.8	-1.6	22.7	35	0	13	-3	36	0	dr	—	156
	LUXOR	00	8	18	2	0	0	—	10.0	35.0	17	02	8	16	2	1	4	Ci	11.5	—	24.2	36	—	12	—	33	0	dr		157
	ASWÂN	00	7	24	1	0	0	—	9.3	35.2	8	01	7	00	0	1	3	Ci	11.5	-1.4	23.0	37	+2	17	-1	31	0	1	—	158
WESTERN DESERT	SÎWA	00	8	22	2	0	0	—	10.0	32.7	6	00	8	00	0	0	0	—	13.8	-1.3	22.0	34	+5	14	+3	58	0	7	7	148
	BAHARÎYA	00	9	00	0	0	0	—	8.3	31.0	13	00	9	00	0	0	0	—	12.6	—	22.0	33	—	12	—	19	0	1		149
	KHÂRGA	00	8	12	3	0	0	—	9.5	32.2	27	00	8	00	0	0	0	—	10.8	-3.1	21.8	34	+1	14	0	37	0	dr	tr	151
	DÂKHLA	00	8	14	2	0	0	—	8.7	36.6	14	01	6	00	0	1	3	Ci	11.6	-2.5	19.0	38	+5	14	+1	31	0	dr	—	152
RED SEA	ṬÔR											00	6	32	1	0	0	—	11.6	-1.6	22.5	31	+4	13	-2	55	0	20	13	145
	HURGHADA	00	9	12	2	0	0	—	10.4	25.5	41	02	9	20	1	1	5	Cu	11.9	-1.0	23.2	27	-1	14	-1	67	0	1		146
	QUṢEIR	00	7	10	2	0	0	—	11.4	24.6	78	01	7	00	0	0	1	Ci	11.4	-1.2	23.9	26	-2	17	-2	57	0	tr	6	147
	PORT SUDAN	01	—	24	2	2	3	—	11	29	45	00	—	32	1	0	0	—	13.9	+2.7	25.8	30	-1	23	+2	59	0	81	107	169
NORTH SUDAN	WÂDI HALFA	00	9	00	0	0	0	—	8.5	35	12	01	8	00	0	0	2	Ac	11.7	-0.6	19.8	36	0	16	0	25	—	—	—	165
	KAREIMA	00	8	02	2	0	0	—	8.9	34	10	00	8	00	0	0	0	—	12.4	+1.5	24.0	36	-3	17	-3	20	0	1	1	166
	'AṬBARA	01	—	04	2	0	3	—	7	36	10	00	—	06	2	0	0	—	11.6	+2.5	24.8	36	-3	16	-4	16	0	6	2	167
	KHARTÛM	01	8	02	3	1	3	—	5.6	38	10	00	8	02	3	0	0	—	9.7	+1.4	26.3	38	-2	20	-1	19	0	3	5	168
	KASSALA	01	8	20	3	1	4	—	2.8	37	14	00	8	06	2	0	0	—	8.7	+1.2	25.6	37	-3	20	-2	40	0	16	12	170
CENTRAL SUDAN	WAD MEDANI	01	—	26	3	0	3	—	5	37	—	00	—	04	4	0	0	—	8.6	+0.7	27.7	38	-3	15	-6	16	0	18	14	171
	DUEIM	01	—	—	3	0	3	—	6	36	35	00	—	—	3	0	0	—	9.1	+0.6	28.4	38	-3	20	0	29	0	15	13	173
	RENK	01	8	28	1	1	3	—	3.8	38	19									—										182
	ROṢEIRES	01	—	22	1	0	3	—	1	38	35	00	—	14	1	0	0	—	5.8	-1.8	29.9	39	-1	20	-2	35	0	41	46	172
	EL OBEID	01	8	00	0	1	4	—	4.5	35	19	01	8	32	3	0	2	Ci	9.7	-0.2	24.4	36	-2	16	-3	26	0	13	21	174
	EL FÂSHER	01	—	00	0	0	3	—	—	35	10	01	8	00	0	0	1	Ci	—	—	21.4	37	-1	16	-2	27	0	3	8	175
	GENEINA	01	8	24	3	0	4	Cu	—	35	34	01	8	30	2	1	4	AcCi	—	—	25.0	38	—	20	—	11	0	12	—	179
	KADUGLI																													187
S. SUDAN	MALAKÂL	03	8	08	2	2	6	Cu	3.8	36	19	02	8	16	3	1	5	Ci	8.6	-0.6	28.3	37	-2	25	+2	57	0	83	108	176
	WÂU	04	—	12	2	1	—	—	4	34	45	01	—	16	1	0	4	—	7.5	-1.1	26.5	35	-2	24	+2	78	0	166	198	177
	JÛBA	01	8	04	1	0	4	Cu	4.9	33	44	03	8	04	1	1	6	Sc	9.5	-0.4	26.0	34	-2	24	+2	76	dr	428	218	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛṬ 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 3 h. m.	KAREIMA 5 h. m.	KHARTÛM 6 h. m.	KASSALA 5 h. m.	EL OBEID 6 h. m.	MALAKÂL 6 h. m.	JÛBA 6 h. m.	Geneina 7 h. m.
02 27 15	02 28 30		02 19 25	02 16 15	02 06 05	05 36 10	03 01 05	06 02 15	06 03 40	06 07 15	07 03 25	06 16 30	06 20 15	10 04 35
05 28 30	05 30 45		05 21 30	05 17 20	05 08 15	10 00 00	06 03 15	10 02 15	10 03 55	10 04 25	10 05 40	10 17 25	10 19 20	15 17 25
10 30 40	10 29 50		10 25 30	08 23 25	10 35 15	15 12 15	10 03 15	15 36 20	15 02 20	15 02 20	15 05 20	15 02 10	15 17 15	20 17 25
15 30 50			15 26 30	10 25 20	15 26 15	20 07 10	15 02 15	20 34 20	20 01 15	20 33 15	20 27 10	20 02 15	20 16 10	30 24 10
20 29 65			20 27 40	15 26 25	20 27 20		20 36 15	21 34 20	30 05 10	30 22 25	30 24 25	30 03 10	23 16 05	40 28 10
22 29 75			24 26 50	20 25 45			30 35 35		40 11 15	40 22 40		40 26 10		50 02 25
				23 27 50			33 35 35		50 09 05					60 32 25
				25 26 55					60 01 40					70 01 10
				28 26 50					66 01 20					

Forecast for 24 hours from noon on 11th

Moderate to fresh westerly winds, veering to northwest.

Mainly clear today; some low cloud tomorrow.

Heat wave breaking this evening.

Cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١١
رياح غربية بين المعتدلة والشديدة تتحول إلى الشمالية الغربية
استمرار صحو غالباً اليوم مع ظهور سحب منخفضة بكرة
تنتهي موجة الحرارة هذا المساء
يميل الطقس إلى البرودة باكر

STATION	Mean of day Humidity % on 10th	Diff. from normal	Wet bulb temp °C on 10th	Diff. from normal
Alexandria	52	-15	14.8	+0.3
Ezbekîya	28	-26	14.8	-0.6
Gîza	—	—	—	—
Helwân	15	-27	13.0	0.0

Gîza Grass minimum on 11th — °C

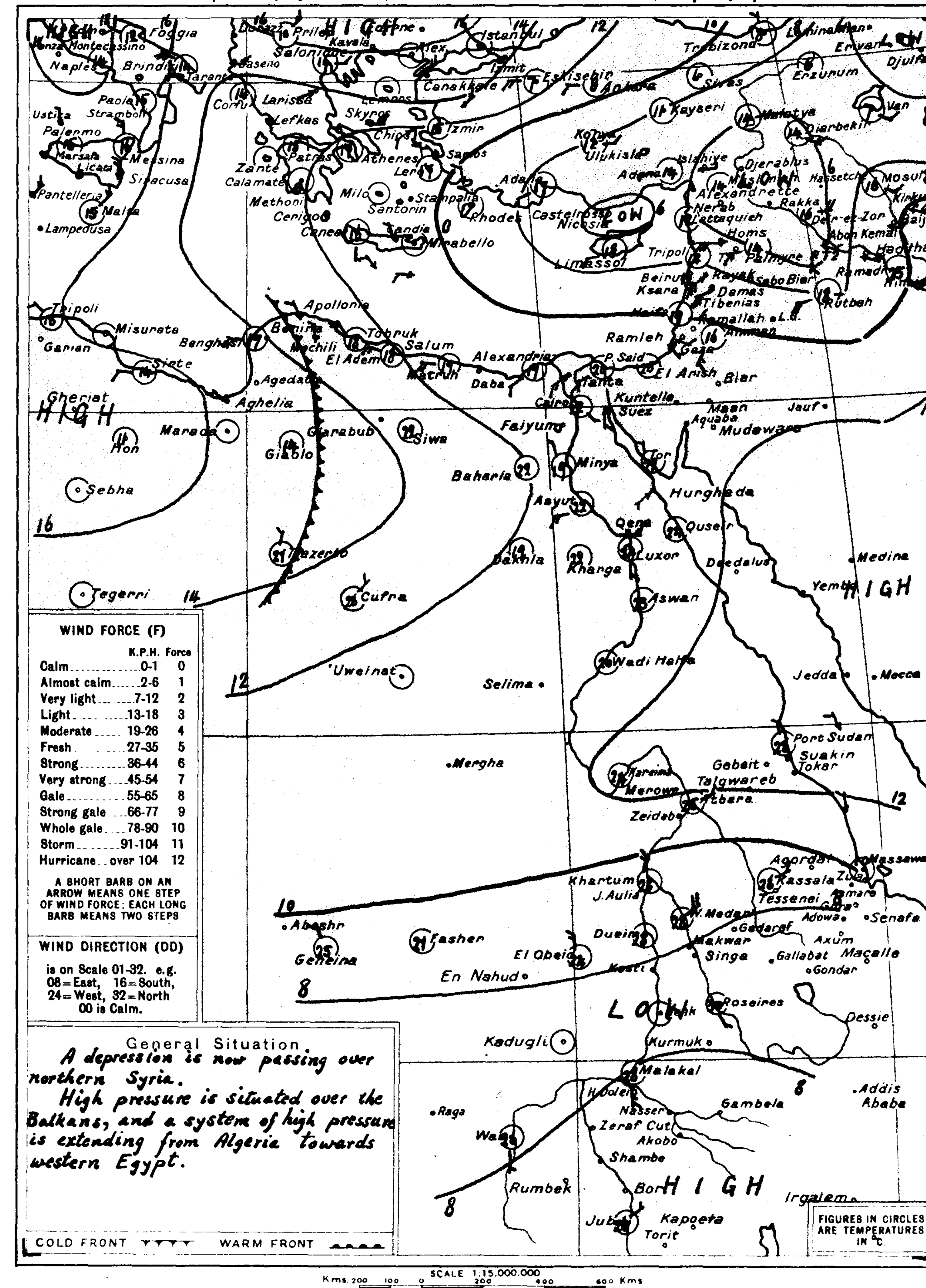
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
11-4	622	775
10-4	622	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-4	13.44	+0.49	13.80	+0.50
Nâṣṣer	9-4	5.37	+0.09	5.31	+0.05
Malakâl	11-4	10.30	+0.23	10.30	+0.24
Roṣeires	11-4	12.30	+0.95	11.82	+0.46
Sennâr Res.	10-4	16.60	—	16.64	—
J. Aulia U.S	10-4	374.28	—	374.30	—
J. Aulia D.S	10-4	371.51	+0.62	371.52	+0.63
Khartûm	11-4	10.53	+0.17	10.54	+0.19
Kh. el Girba					
'Atbara	10-4	10.31	+0.34	10.32	+0.35
Kajnarti	10-4	132.54	+0.67	132.41	+0.53
Aswân Res.	11-4	120.17	—	120.17	—
Aswân D.S.	11-4	85.55	-0.03	85.55	-0.03
Rôda (Cairo)	11-4	15.75	+0.24	15.75	+0.25

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 11-4-1939. ١٩٣٩-٤-١١



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation.

A depression is now passing over northern Syria.

High pressure is situated over the Balkans, and a system of high pressure is extending from Algeria towards western Egypt.

STATION مرصد	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	7	22	2	0	3	—	7.8	-5.2	18	—	—	—	—	—	0	603	428
Haifa	00	—	08	2	—	0	—	10.2	-2.3	19.4	26	+2	17	+5	66	0	548	632
Gaza	00	9	12	1	0	0	—	11.2	-1.9	19	—	—	15	+4	45	—	—	368

At 8 h. on 11th — الساعة ٨ يوم ١١

SHIPS سفن: 33340 25906 24201 13863 31004 40014 36306

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h 32 m
" " Sunset 18 h 20 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر ابريل

STATION	At 14 h. on 11th (الساعة ١٤ يوم ١١) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU	At 8 h. on WEDNESDAY 12th (الساعة ٨ يوم الأربعاء ١٢) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
[illegible]M	02	7	02	6	1	4	Cu	13.5	18.0	73	01	7	32	4	•	3	Cu	19.4	+2.5	15.7	23	—	12	—	86	0	81	—	130
[illegible]RUH	00	7	30	5	0	•	—	12.8	18.4	94	01	7	24	4	•	3	Cu	18.0	+3.1	17.4	20	-2	16	+3	93	•	122	156	131
DIKHEILA	05	7	26	5	0	•	—	12.3	19.3	79	01	8	28	4	0	1	Cu	16.7	—	17.9	21	—	17	—	83	0	94	—	150
ALEXANDRIA	00	9	24	5	•	0	—	11.6	20.4	69	00	9	28	5	•	•	—	16.2	+1.6	17.8	23	-1	16	+2	78	•	165	181	132
DAMIETTA											01	8	24	3	1	4	Ac	15.0	—	18.2	27	—	12	—	80	•	70	102	159
PORT SAÎD	00	8	04	3	0	•	—	10.2	23.4	67	00	8	28	3	0	•	—	15.0	+1.8	18.0	25	+2	16	+1	82	•	64	74	134
EL 'ARÎSH	00	7	28	3	0	0	—	10.3	—	—	00	7	24	3	0	0	—	15.6	—	19.0	25	—	14	—	77	0	130	87	135
DELTA																													
DAMANHÛR											01	7	20	4	1	2	Cu	16.3	+1.7	19.2	28	+1	12	+1	72	0	29	98	136
MANSURA											00	8	30	2	0	•	—	15.6	—	18.2	30	+3	11	-1	76	•	46	50	137
TANTA	00	7	28	6	•	0	—	10.2	30.0	21	00	7	28	2	0	0	—	16.3	+0.9	19.0	31	+3	10	-2	76	•	40	36	138
ZAGAZIG	00	8	20	4	0	0	—	10.6	31.4	18	01	7	20	2	1	3	—	16.2	—	17.9	31	+4	11	0	85	0	31	26	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	8	24	4	0	0	—	10.3	30.9	17	02	7	26	2	2	5	Sc	16.8	—	17.5	31	—	14	—	—	0	18	—	141
EZBEKIYA	00	8	28	3	0	0	—	10.3	31.4	15	02	6	24	1	1	5	Cu	16.7	+2.8	17.8	32	+4	15	+2	80	•	23	24	—
GIZA	00	8	30	3	•	•	—	10.0	32.3	15	02	7	28	2	2	5	Cu	17.1	+2.7	17.8	33	+5	13	+3	79	•	23	24	—
HELWAN	00	8	24	5	0	•	—	10.0	29.9	7	05	6	28	4	•	4	Cu	17.5	+3.3	15.9	31	+3	14	0	79	0	26	26	143
SUEZ	00	9	16	2	0	0	—	9.4	32.0	34	01	7	20	2	1	3	Cu	16.2	+1.4	17.4	33	+5	15	0	86	0	27	16	144
UPPER EGYPT																													
FAIYÛM	00	7	30	3	0	•	—	10.6	31.0	13	01	7	02	3	•	3	Cu	—	—	16.9	33	+3	13	+1	76	0	7	7	153
MINYA	00	7	28	3	0	•	—	9.9	33.7	14	00	5	32	3	0	0	—	16.0	+1.5	17.0	34	+4	14	+1	59	•	4	—	154
ASYÛT	00	6	22	3	•	•	—	10.3	33.2	16	00	6	22	3	0	0	—	16.0	+2.2	19.1	34	+3	13	-1	51	0	2	4	155
QENA	00	8	22	4	1	0	—	9.5	36.5	12	00	8	24	2	•	•	—	13.4	0.0	24.0	37	+2	18	+2	33	0	dr	—	156
LUXOR	00	8	22	2	0	0	—	8.4	38.2	12	00	8	10	1	0	0	—	13.6	—	26.5	38	—	14	—	35	0	dr	—	157
ASWÂN	00	7	00	0	0	•	—	8.0	39.7	10	00	7	32	3	0	•	—	12.6	-0.2	25.0	41	+6	19	+1	34	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	26	3	0	0	—	13.0	29.8	36	00	8	00	0	•	•	—	19.6	+4.5	17.0	30	+1	14	+3	70	0	7	7	148
BAHARIYA	00	9	26	2	•	0	—	12.0	31.0	11	00	9	00	0	0	•	—	18.0	—	16.0	32	—	12	—	79	0	1	—	149
KHARGA	00	8	32	2	•	0	—	8.2	37.3	27	00	8	32	2	•	•	—	15.6	+1.6	22.6	39	+6	17	+2	40	0	dr	tr	151
DAKHLA	05	6	30	3	1	3	Ci	9.5	35.0	18	00	6	06	2	0	0	—	16.3	+2.2	23.0	37	+3	17	+3	41	0	dr	—	152
RED SEA																													
TOR	00	6	12	3	0	0	—	9.1	26.5	69	00	6	28	6	0	0	—	13.0	-0.2	23.2	27	-1	15	0	64	0	20	13	145
HURGHÂDA	00	9	12	2	0	0	—	10.6	26.4	71	00	9	28	4	0	0	—	13.0	+0.2	24.3	26	-3	17	+2	63	0	1	—	146
QUSEIR	00	7	08	2	0	•	—	10.6	25.0	87	00	7	32	3	0	0	—	12.0	-0.5	25.0	27	-1	18	-1	86	•	tr	6	147
PORT SUDAN	01	—	08	2	—	3	—	11	29	—	00	—	04	1	0	•	—	10.7	-0.5	25.7	36	-1	23	+2	53	0	81	107	169
NORTH SUDAN																													
WÂDI HALFA	01	6	08	3	•	3	Ac	7.6	38	6	00	6	32	4	0	0	—	11.3	-0.9	23.1	39	+3	15	-2	25	—	—	—	165
KAREIMA	00	8	28	3	0	0	—	8.8	36	13	00	8	02	1	0	0	—	12.0	+1.2	24.2	37	-2	17	-3	20	0	1	1	166
'ATBARA	01	—	30	2	0	3	—	7	36	10	00	—	12	1	0	0	—	10.6	+1.5	24.7	36	-3	16	-4	30	0	6	2	167
KHARTÛM	00	8	28	2	0	0	—	5.1	40	12	01	8	32	3	0	3	Ci	9.6	+1.3	25.0	40	-1	20	-2	22	0	3	5	168
KASSALA	00	8	30	3	0	0	—	2.8	38	16	00	8	04	2	0	0	—	7.0	-0.5	26.0	39	-1	18	-4	42	0	16	12	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	06	4	—	3	—	4	39	—	00	—	04	4	0	0	—	8.0	+0.2	29.6	40	-1	17	-4	—	0	18	14	171
DUEIM	01	—	—	3	0	3	—	5	39	10	00	—	—	3	0	0	—	8.2	-0.3	26.8	39	-2	10	-4	<9	0	15	13	173
RENK	00	7	28	1	•	0	—	3.8	38	31																			182
ROSEIRES	01	—	26	1	0	3	—	4	40	25	00	—	02	1	0	0	—	5.0	-2.6	29.8	41	+1	19	-3	33	0	41	47	172
EL OBEID	01	8	20	1	•	2	—	3.9	37	15	01	8	30	3	0	4	Ci.	9.6	-0.2	24.7	38	0	17	-2	28	0	13	21	174
EL FÂSHER	01	—	00	0	•	3	—	—	36	10	01	8	32	3	0	3	Cs.	—	—	21.7	37	-1	14	-4	29	0	3	8	175
GENEINA	02	9	24	1	1	5	Cu,As	—	36	13	02	8	02	3	1	5	Cs.	—	—	22.8	39	—	15	—	—	0	12	—	179
KADUGLI	01	7	12	5	1	4	—	4.0	38	12																			187
S. SUDAN																													
MALAKÂL	02	8	16	2	6	5	Cu	3.9	37	14	01	8	02	2	0	4	Cs.	7.9	-1.3	24.6	38	-1	25	+2	59	0	83	109	176
WÂU	02	—	04	2	3	4	—	3	35	—	01	—	16	1	1	4	—	5.7	-2.9	27.5	37	0	24	+2	67	0	166	200	177
JUBA	11	8	06	1	0	5	Cb	3.5	—	11	01	8	20	1	0	4	Ac.	7.7	-2.3	26.6	34	-2	23	+1	69	0	428	222	178

UPPER WINDS (الرياح العليا)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 9 h.	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 5 h.	KAREIMA 4 h.	KHARTÛM 6 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKÂL 6 h.	JUBA 6 h.	Salum 11th 13 h.
02. 36. 25	02. 29 20	02 32 50	01 32 05	02 33 30	02 36 15	02 36 30	03 34 10	06 03 30	06 01 40	06 03 15	07 02 40	06 24 10	06 29 10	02 02 40
04. 36. —	04 35 30	05 32 50	03 31 05	05 33 30	05 02 35	05 36 50	06 35 35	10 02 35	10 03 40	10 03 20	10 03 40	10 20 20	10 28 05	04 34 30
05. 04. 35	05 35 40	10 33 35	04 32 05	08 35 25	10 34 40	10 02 40	10 35 25	15 35 40	15 01 30	15 03 30	15 06 30	15 15 10		05 31 35
10. 05. 20		16 33 40		10 36 30	15 32 40	15 01 55	15 35 15	20 35 35	20 33 15	20 35 15	20 05 10	20 03 15		10 29 25
15. 03. 30	Ent. Cu.		Ent. Cu.	15 35 30	20 29 45		20 35 15		30 04 15	30 26 35	30 21 20	27 04 25		15 26 30
20. 02. 25				20 34 40			30 33 35		40 23 05	40 18 20	36 34 05			16 24 35
24. 01.30				23 34 40			31 33 30		45 28 15					Ent. Cu.

Forecast for 24 hours from noon on 12th

Moderate to fresh northwest winds, veering later to north or northeast. Occasional low or medium cloud. Remaining cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٢

رياح بين المعتدلة والشديدة نوعا شمالية غربية ثم تتغير شمالية او شمالية شرقية فيما بعد

تظهر بعض السحب المنخفضة او المتوسطة الارتفاع احيانا

يستمر الطقس مائلا الى البرودة

STATION	Mean of day Humidity % on 11th	Diff. from normal	Wet bulb temp °C on 11th	Diff. from normal
Alexandria	61	-6	14.9	+0.3
Ezbekiya	28	-25	14.3	-1.2
Gîza	—	—	—	—
Helwân	20	-22	12.7	-0.4

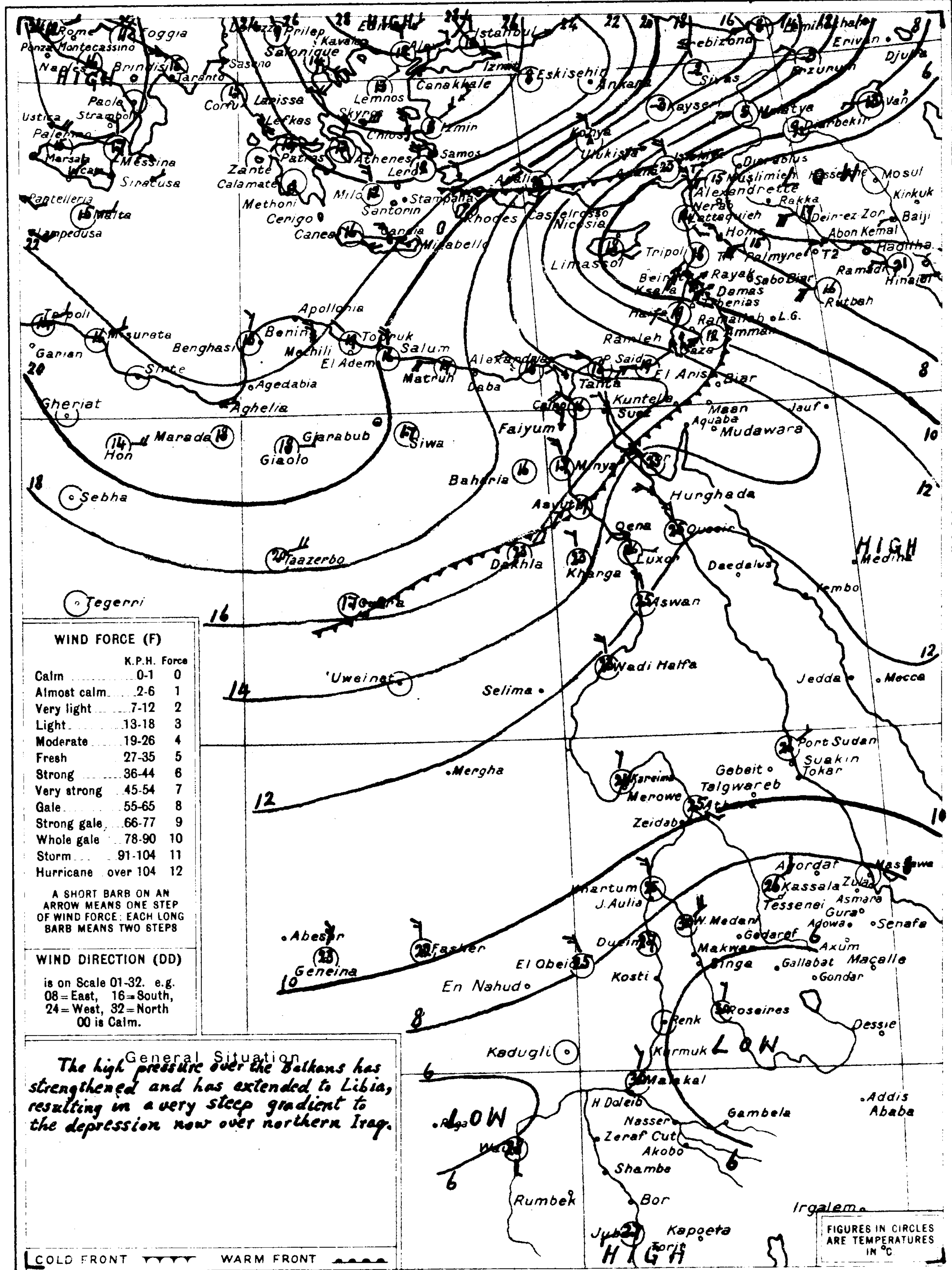
Gîza Grass minimum on 12th 8.8 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
12-4		
11-4		

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-4	13.36	+0.07	12.37	+0.01
Nasser	11-4	5.63	+0.27	5.49	+0.17
Malakâl	12-4	10.31	+0.23	10.30	+0.23
Roșeires	12-4	12.30	+0.95	12.30	+0.95
Sennâr Res.	11-4	16.59	—	16.60	—
J. Aulia U.S	11-4	374.23	—	374.23	—
J. Aulia D.S	11-4	371.51	+0.63	371.51	+0.62
Khartûm	11-4	10.53	+0.17	10.54	+0.19
Kh. el Girba					
'Atbara	11-4	10.30	+0.32	10.31	+0.34
Kajnarti	11-4	132.07	+0.81	132.54	+0.67
Aswân Res.	12-4	120.17	—	120.17	—
Aswân D.S.	12-4	85.55	-0.03	85.55	-0.03
Roda (Cairo)	12-4	15.77	+0.26	15.75	+0.24

١٩٣٩-٤-١٢ Isobars, Wind and Temperature at 8 h. 12-4-1939.



General Situation

The high pressure over the Balkans has strengthened and has extended to Libia, resulting in a very steep gradient to the depression now over northern Iraq.

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

STATION (محطة)	At 8 h. on 12th (الساعة ٨ يوم ١٢) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	2	0	0	—	9.6	-3.4	18	—	—	—	—	—	0	603	428
Haifa	02	—	22	2	—	4	—	12.0	-0.5	18.8	22	-2	16	+4	73	0	548	633
Gaza	02	7	14	1	2	5	Ac	14.2	+1.2	18	—	—	12	+1	85	—	—	368
SHIPS (سفن)																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h. 30 m.
" " Sunset 18 h. 21 m.

Month APRIL 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٩-٤-١٢

1417 F.C.

Region	STATION	At 14 h. on 12th (الساعة ١٤ يوم ١٢) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on THURSDAY 13th (الساعة ٨ يوم الخميس ١٣) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALUM	01	7	02	5	1	3	Cu	21.5	18.0	71	02	7	06	3	1	4	Cu	23.1	+6.3	14.8	19	—	13	—	73	0	81	—	130
	MATRUH	00	7	32	5	0	0	—	19.8	17.3	73	01	7	32	2	1	4	Cu	21.8	+6.9	16.9	20	-2	14	+1	67	0	122	156	131
	DIKHEILA	01	8	28	5	1	4	Sc	17.9	18.0	80	00	8	32	5	0	0	—	21.1	—	17.0	18	—	—	—	62	0	94	—	150
	ALEXANDRIA	02	9	30	5	2	5	Cu	17.2	17.7	66	00	9	04	4	0	0	—	21.1	+6.6	17.5	21	-3	12	-3	50	0	165	181	132
	DAMIETTA											00	8	02	2	1	0	—	20.0	—	17.7	20	—	15	—	63	0	70	103	159
	PORT SAÏD	00	8	28	6	0	0	—	15.4	22.2	62	00	7	02	3	0	0	—	19.8	+6.6	18.0	23	0	15	0	50	0	64	74	134
	EL 'ARISH	00	7	28	2	0	0	—	14.6	21.0	65	00	7	00	0	0	0	—	19.9	—	19.5	22	—	14	—	51	0	130	87	135
LOWER EGYPT	DAMANHUR											00	7	32	3	0	0	—	21.1	+6.6	18.4	—	—	10	-1	50	0	29	98	136
	MANSURA											00	8	32	2	0	0	—	20.3	—	17.6	24	-3	11	-1	47	0	46	50	137
	TANTA	02	7	28	4	1	4	Ac	15.8	24.0	40	00	7	04	2	0	0	—	20.7	+5.4	17.0	25	-3	9	-3	50	0	40	36	138
	ZAGAZIG	01	8	28	4	1	3	—	15.4	24.9	46	00	8	28	3	0	0	—	19.2	—	17.8	25	-3	9	-2	54	0	31	26	139
MIDDLE EGYPT (CAIRO)	ALMAZA	01	8	26	3	1	4	Cu	15.1	24.8	42	00	6	16	3	0	0	—	20.2	—	15.2	26	—	10	—	57	0	18	—	141
	EZBEKIYA	01	8	28	3	1	3	Cu	15.2	25.8	33	00	6	02	2	0	0	—	20.3	+6.5	16.2	27	-1	11	-2	58	0	23	24	—
	GIZA	01	8	30	3	2	3	Cu	15.1	25.5	35	00	6	30	2	0	0	—	20.3	+5.9	14.8	27	-1	10	0	64	0	23	24	—
	HELWAN	01	8	26	5	0	1	Cu	15.0	24.0	26	00	6	32	4	0	0	—	20.0	+5.9	15.6	25	-3	12	-2	45	0	26	26	143
	SUEZ	01	9	26	3	1	1	Cu	14.4	26.0	42	01	7	30	2	1	1	Cu	20.2	+5.5	17.0	27	-1	12	-3	54	0	27	16	144
UPPER EGYPT	FAIYUM	00	8	30	4	0	0	—	15.6	25.1	27	00	8	32	3	0	0	—	20.7	+6.2	15.0	26	-4	10	-2	58	0	7	7	153
	MINYA	00	6	30	4	0	0	—	15.0	25.2	27	00	6	32	4	0	0	—	19.4	+5.0	16.0	26	-4	11	-2	59	0	4	—	154
	ASYUT	00	7	30	3	0	0	—	14.2	26.2	23	00	7	30	4	0	0	—	19.1	+5.4	16.0	28	-3	11	-3	59	0	2	4	155
	QENA	00	8	26	4	0	0	—	11.4	32.2	18	00	8	22	4	0	0	—	16.0	+2.6	20.0	33	-2	15	-1	55	0	dr	—	156
	LUXOR	01	8	24	4	0	2	Ci	11.5	30.8	20	00	8	30	3	0	0	—	16.6	—	22.0	32	—	15	—	50	0	dr	—	157
	ASWAN	00	7	32	4	0	0	—	10.0	33.6	5	01	7	32	3	1	3	Ci	15.5	+2.7	20.2	35	0	18	0	33	0	1	—	158
WESTERN DESERT	SIWA	00	8	32	2	1	0	—	18.6	27.0	61	00	8	08	2	0	0	—	23.0	+8.0	16.2	28	-1	9	-3	85	0	7	7	148
	BAHARIYA	00	9	00	0	0	0	—	17.1	25.5	26	00	9	32	1	0	0	—	21.4	—	14.0	26	—	9	—	67	0	1	—	149
	KHARGA	00	8	32	4	0	0	—	12.4	30.1	37	00	8	32	4	0	0	—	19.0	+5.3	16.2	30	-3	13	-2	59	0	dr	tr	151
	DAKHLA	05	6	30	4	0	0	—	14.7	27.8	35	00	6	32	1	0	0	—	20.3	+6.3	16.8	29	-5	14	0	63	0	dr	—	152
RED SEA	TOR	30	3	28	8	3	0	—	11.2	24.5	60	00	6	32	4	0	0	—	15.4	+2.3	20.0	25	-3	17	+2	68	0	20	13	145
	HURGHADA	00	9	32	6	0	0	—	11.2	—	—	01	9	30	5	0	2	Ci	16.3	+3.6	20.1	24	-4	17	+2	55	0	1	—	146
	QUSEIR	00	7	32	3	0	0	—	11.9	25.5	62	00	7	32	4	0	0	—	15.5	+3.0	21.0	27	-1	19	0	65	0	tr	6	147
	PORT SUDAN											03	—	32	3	1	7	—	13.8	+2.7	27.1	32	+1	25	+4	69	0	81	107	169
NORTH SUDAN	WADI HALFA	00	8	02	5	0	0	—	8.9	37	11	01	8	32	5	0	4	Cs	15.3	+3.2	21.6	37	+1	19	+2	36	—	—	—	165
	KAREIMA	00	8	02	4	0	0	—	7.6	38	12	01	8	02	4	0	3	Ci	13.3	+2.5	26.2	39	0	16	-4	24	0	1	1	166
	'ATBARA	01	—	06	3	0	3	—	5	39	—	00	—	32	3	0	0	—	10.8	+1.8	27.5	39	0	20	0	21	0	6	2	167
	KHARTUM	01	8	04	3	0	3	Ac	3.9	40	6	05	6	02	4	1	8	Cs	10.2	+1.9	26.7	41	0	21	-1	15	0	3	5	168
	KASSALA	00	8	04	3	0	0	—	2.8	39	14	00	8	02	3	0	0	—	8.0	+0.6	26.3	39	-1	20	-2	48	0	16	12	170
CENTRAL SUDAN	WAD MEDANI											00	—	02	5	0	0	—	7.9	+0.1	29.6	40	-1	17	-5	10	0	18	14	171
	DUEIM	01	—	—	3	0	3	—	5	39	10	00	—	—	3	0	0	—	9.4	+1.0	28.4	40	-1	20	0	26	0	15	13	173
	RENK	00	7	28	1	0	0	—	2.7	41	11																		—	182
	ROSEIRES	01	—	30	1	0	3	—	1	41	35	00	—	14	1	0	0	—	8.0	+0.4	28.4	42	+2	17	-3	33	0	41	47	172
	EL OBEID	02	8	28	1	0	5	—	2.8	39	10	18	4	30	6	1	8	Cs	8.9	-0.9	28.0	38	0	17	0	7	0	13	21	174
	EL FASHER	02	—	04	3	1	4	—	—	35	—	03	8	04	5	1	6	Ac,Cs	—	—	26.0	37	-1	16	-2	2	0	3	8	175
	GENEINA	03	8	08	3	2	7	—	—	37	—	03	8	04	2	2	7	Ac	—	—	20.4	39	—	16	—	18	0	12	—	179
	KADUGLI	01	9	02	4	0	3	—	2.7	39	14																		—	187
S. SUDAN	MALAKAL	02	8	24	3	1	5	—	2.8	38	23	03	8	18	5	2	8	Ac,Cs	9.0	-0.2	26.2	39	0	25	+2	76	0	83	109	176
	WAU	03	—	—	3	1	7	—	3	33	35																		202	177
	JUBA	02	8	00	0	0	5	Cb	4.2	34	45	02	8	16	1	1	5	Cu,Sc	11.3	+1.3	25.1	35	-1	21	-1	76	2	430	226	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 11 h.	CAIRO 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 4 h.	KHARTUM 6 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 6 h.	Salum 12th 13 h.
02 03 10	02 02 30	02 01 30	02 03 45	02 16 15	02 34 15	02 36 20	03 02 35	06 03 30	06 01 50	06 12 15	07 02 45	06 24 30	06 12 05	02 02 25
05 04 25	05 02 30	05 01 30	05 02 35	05 02 15	05 01 35	05 36 45	06 02 55	10 02 35	10 02 75	10 02 25	10 03 60	10 26 60	10 00 00	05 04 35
10 03 25	10 03 20	10 03 30	10 05 35	08 03 25	10 36 35	10 02 35	10 36 50	15 35 40	15 01 45	15 34 25	15 03 40	15 29 35		10 05 30
15 05 20	Ent. Cu	15 02 20	15 05 35	10 04 30	15 36 30	15 30 15	15 34 40	20 35 35	20 01 30	20 02 20	20 03 30	20 01 20		15 02 25
16 04 15		20 01 20		15 01 35	20 35 40	20 34 20	19 34 40	21 35 45	30 05 10	30 19 10	30 25 20	30 01 25		20 33 25
Ent. Cu		22 01 40		20 35 30					40 05 10	40 20 15		40 05 15		24 33 20
		25 36 35							50 05 15			50 10 35		
									60 24 20			51 07 40		
									70 27 15					
									75 26 15					

Forecast for 24 hours from noon on 13th

Moderate to fresh northeast winds. Clear or occasional medium cloud. Remaining abnormally cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٣

رياح شمالية شرقية بين المعتدلة والشديدة نوعاً
السماء صحو أو يظهر بعض السحب المتوسطة الارتفاع
والطقس مائل للبرودة بدرجة غير عادية

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet Bulb Temp °C on 12th	Diff. from normal
Alexandria	69	+2	14.7	0.0
Ezbekiya	68	+15	15.5	-0.1
Gîza	69	+16	15.4	+0.3
Helwân	64	+22	13.8	+0.6

Gîza Grass minimum on 13th 7.0 °C

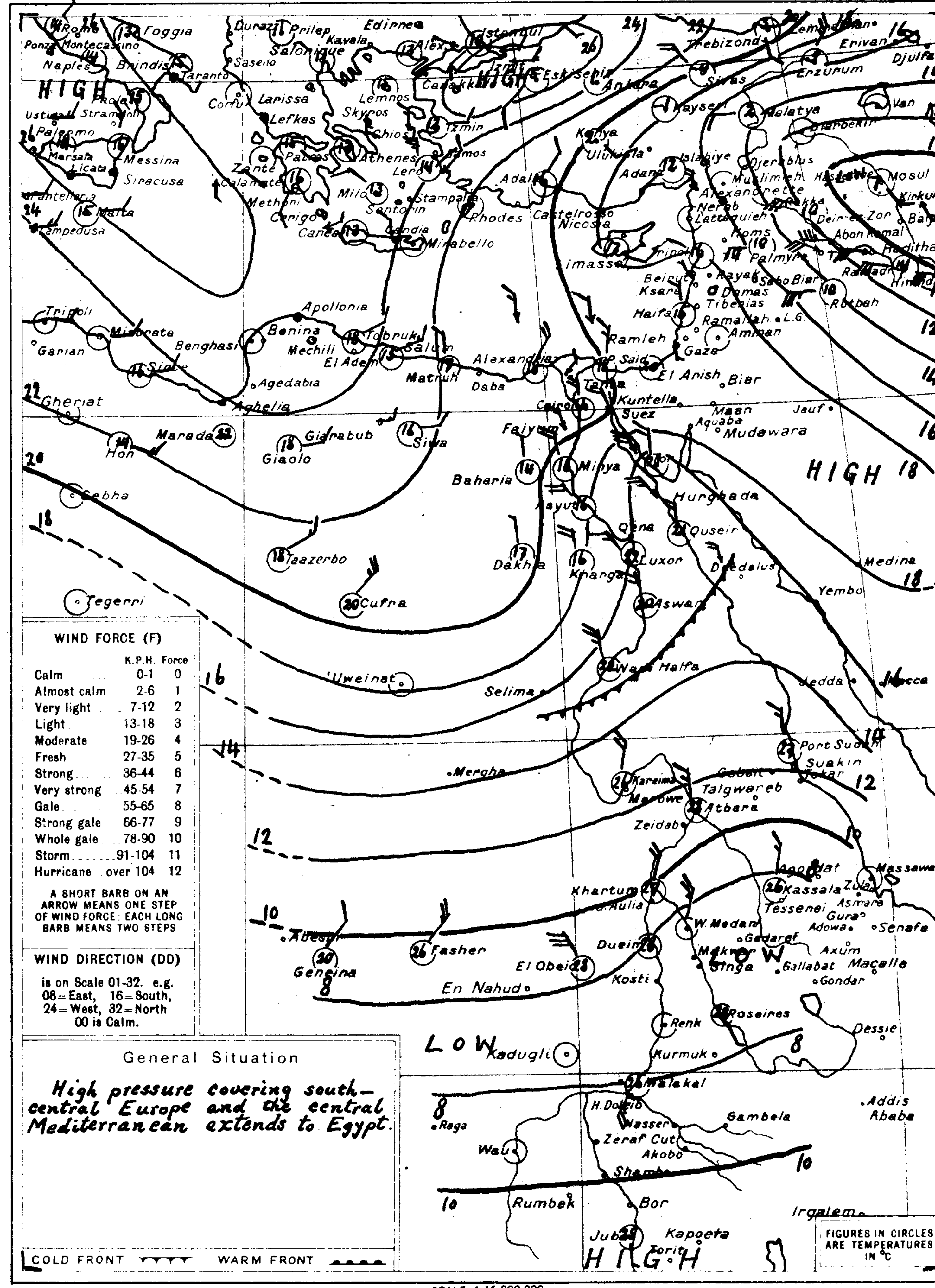
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
13-4	822	775
12-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13-4	13.33	+0.04	13.36	+0.07
Nâsser	12-4	5.70	+0.30	5.63	+0.27
Malakâl	13-4	10.32	+0.24	10.31	+0.23
Roseires	13-4	12.28	+0.93	12.30	+0.95
Sennâr Res	12-4	16.58	—	16.59	—
J. Aulia U.S	12-4	374.17	—	374.23	—
J. Aulia D.S	12-4	371.51	+0.63	371.51	+0.63
Khartûm	13-4	10.51	+0.14	10.52	+0.15
Kh. el Girba					
'Atbara	12-4	10.32	+0.34	10.30	+0.32
Kajnarti	12-4	132.78	+0.93	132.67	+0.81
Aswân Res.	13-4	120.44	—	120.47	—
Aswân D.S.	13-4	85.56	-0.01	85.55	-0.03
Roda (Cairo)	13-4	15.77	+0.26	15.77	+0.26

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 13.4.1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

High pressure covering south-central Europe and the central Mediterranean extends to Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION محطة	At 8 h. on 13th (الساعة ٨ يوم ١٣) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	2	0	0	—	17.8	+4.8	17	—	—	—	—	—	0	603	429
Haifa	01	—	32	2	—	3	—	—	—	17.0	21	-3	15	+3	37	0	548	633
Gaza	00	9	16	1	0	0	—	18.2	+5.2	15	—	—	7	-4	55	—	—	368

SHIPS سفن
53286 33006 31600 18865
53325 29606 32300 21961 648X1 43000

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 3 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h 05 m 29
" " Sunset h 18 m 22

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month *APRIL* 1939 ١٩٣٩ شهر ابريل

STATION	At 14 h. on 13th (الساعة ١٤ يوم ١٣) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on FRIDAY 14th (الساعة ٨ يوم الجمعة ١٤) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	8	04	3	1	0	—	23.2	16.6	60	01	7	00	0	0	1	Cc.	21.9	+5.1	14.5	17	—	8	—	71	0	81	—	130
MATRUH	01	7	32	4	0	3	Cu.	22.4	17.8	75	01	7	02	2	1	4	Cu.	21.8	+7.0	17.0	18	-4	10	-3	73	0	122	156	131
DIKHEILA	00	8	32	4	0	0	—	22.3	17.6	65	01	8	32	3	1	3	Sc.	21.8	—	16.3	18	—	15	—	67	0	94	—	150
ALEXANDRIA	00	9	32	4	0	0	—	21.4	19.3	51	02	9	04	2	2	4	Cu.	21.5	+7.1	17.6	20	-4	14	-1	59	0	165	181	132
DAMIETTA											01	8	02	1	0	2	Ac.	20.7	—	17.5	20	—	12	—	66	0	70	103	159
PORT SAID	00	8	04	2	0	0	—	20.4	21.6	53	00	8	04	2	0	0	—	20.6	+7.5	18.2	23	0	14	-2	57	0	64	75	134
EL 'ARISH	00	7	32	2	0	0	—	19.8	—	42	00	7	00	0	0	0	—	20.7	—	18.0	20	—	10	—	53	0	130	87	135
DAMANHUR											01	7	32	2	1	2	Cu.	—	—	18.0	21	-6	10	-1	60	0	29	98	136
MANSURA											00	8	32	1	0	0	—	21.4	—	16.3	24	-3	10	-2	66	0	46	50	137
TANTA	00	7	04	2	0	0	—	19.6	22.0	38	02	7	04	1	1	4	Ac.	21.2	+6.0	17.0	24	-4	7	-5	61	0	40	37	138
ZAGAZIG	00	8	30	3	0	0	—	19.5	23.9	32	01	8	30	3	1	2	Cs.	21.1	—	17.7	24	-4	7	-4	62	0	31	26	139
ALMAZA	00	8	02	4	0	0	—	18.7	23.5	38	00	7	02	1	0	0	—	20.6		15.5	23	—	10	—	59	0	18	—	141
EZBEKIYA	00	8	04	4	0	0	—	19.0	23.5	32	01	6	04	4	0	1	Ci.	20.8	+7.0	15.5	25	-3	11	-2	64	0	23	24	—
GIZA	00	8	02	1	0	0	—	18.8	23.6	38	00	7	02	1	0	0	—	20.8	+6.4	16.0	24	-4	7	-3	69	0	23	24	—
HELWAN	00	8	32	4	0	0	—	18.0	22.9	19	05	6	04	4	0	0	—	20.6	+6.5	15.8	24	-4	9	-5	52	0	26	26	143
SUEZ	00	9	32	3	0	0	—	18.2	22.3	28	00	8	32	2	0	0	—	20.8	+6.1	15.6	23	-5	10	-5	62	0	27	16	144
FAIYUM	00	8	02	3	0	0	—	18.4	23.3	33	00	8	32	4	0	0	—	20.4	+6.0	16.1	25	-5	9	-3	59	0	7	7	153
MINYA	00	7	30	4	0	0	—	17.4	23.0	32	00	7	04	3	1	0	—	18.8	+4.5	15.0	24	-6	10	-3	53	0	4	—	154
ASYUT	00	8	30	3	0	0	—	16.2	25.2	25	00	7	28	3	0	0	—	18.3	+4.6	16.0	27	-4	10	-5	45	0	2	4	155
QENA	00	8	26	2	0	0	—	13.3	30.4	16	00	8	30	1	0	0	—	15.6	+2.3	17.5	32	-4	13	-3	48	0	dr.	—	156
LUXOR	00	8	30	3	0	0	—	13.6	28.8	28	00	8	08	1	0	0	—	15.9	—	21.5	30	—	11	—	39	0	dr.	—	157
ASWAN	00	7	32	3	0	0	—	11.4	30.0	11	00	7	30	1	0	0	—	14.4	+1.7	19.2	31	-5	16	-2	26	0	1	—	158
SIWA	01	8	06	1	1	4	Sc	21.2	23.8	61	00	8	06	2	0	0	—	21.8	+6.8	16.0	26	-3	9	-3	86	0	7	7	148
BAHARIYA	00	9	00	0	0	0	—	17.4	24.0	26	00	9	00	0	0	0	—	20.2	—	15.0	25	—	10	—	68	0	1	—	149
KHARGA	00	8	32	3	0	0	—	15.9	28.2	32	00	8	32	3	0	0	—	15.5	+1.9	18.5	28	-5	14	-1	51	0	dr.	tr.	151
DAKHLA	05	6	32	4	1	1	Ci.	17.4	24.7	42	00	6	02	3	1	1	Ci.	18.6	+4.7	17.6	26	-6	15	+1	60	0	dr.	—	152
TOR	30	3	28	6	0	0	—	14.6	21.2	72	00	6	32	2	0	0	—	15.5	+2.5	19.8	23	-5	12	-4	49	0	20	13	145
HURGHADA	01	9	02	4	0	1	Ci.	14.4	23.2	52	00	9	30	4	0	0	—	16.2	+3.6	19.2	—	—	13	-2	49	0	1	—	146
QUSEIR	00	7	02	4	0	0	—	15.1	24.0	48	00	7	32	4	0	0	—	15.4	+3.0	22.1	27	-1	18	-2	45	0	tr.	6	147
PORT SUDAN	01	—	08	3	0	3	—	11	—	55	00	—	32	3	0	0	—	12.8	+1.8	25.5	30	-1	23	+2	62	0	81	107	169
WADI HALFA	02	8	02	5	1	5	—	11.7	30	16	01	8	32	5	0	4	Ci.Cs.	14.0	+2.0	19.7	31	-5	15	-2	32	—	—	—	165
KAREIMA	01	8	32	4	0	4	—	10.4	34	18	01	8	32	3	0	4	Ci.	12.8	+2.1	22.0	35	-5	18	-2	22	0	1	1	166
ATBARA	01	—	30	2	0	3	—	6	38	10	02	—	04	2	0	4	—	10.6	+1.7	25.0	38	-1	22	+2	28	0	6	2	167
KHARTUM	18	6	02	4	1	8	—	5.2	40	9	05	7	32	3	1	5	Cs.	9.8	+1.6	26.8	40	-1	22	0	20	0	3	5	168
KASSALA	01	8	02	3	0	3	—	2.0	38	16	03	8	04	2	1	6	Ci.	6.4	-1.0	27.7	39	-1	22	+1	44	0	16	12	170
WAD MEDANI	02	—	04	5	0	5	—	3	40	—	02	—	04	5	1	4	—	8.3	+0.5	27.3	41	0	17	-5	14	0	18	14	171
DUEIM	01	—	—	3	0	3	—	5	39	25	00	—	—	3	3	0	0	9.5	+1.1	27.2	40	0	20	0	30	0	15	13	173
RENK	03	7	20	1	2	8	Sc.	5.4	38	10																			182
ROSEIRES	01	—	16	1	0	3	—	4	40	10	00	—	22	1	0	0	—	8.2	+0.6	28.4	41	+1	25	+3	51	0	41	48	172
EL OBEID	18	7	32	4	1	8	—	4.8	37	5	03	8	32	4	1	7	Cs.	10.8	+1.0	23.0	37	-1	18	-1	18	0	13	21	174
EL FASHER	02	8	12	3	1	5	—	—	35	10	02	8	32	3	0	5	Cs.	—	—	20.7	36	-2	18	0	20	0	3	8	175
GENEINA	02	8	32	3	2	6	Ac.	—	37	8	02	8	06	2	1	5	Cs.	—	—	20.6	39	—	15	—	20	0	12	—	179
KADUGLI																													187
MALAKAL	03	7	14	2	2	8	Cu.	6.4	33	37	03	8	18	2	2	6	Cs.	10.3	+1.1	26.0	34	-5	21	-2	69	0	83	110	176
WAU	03	—	08	1	1	7	—	5	33	35	00	—	16	1	0	0	—	8.4	-0.2	25.8	35	-2	23	+1	70	0	166	204	177
JUBA	62	6	32	1	0	7	Sc.Cu.	9.3	25	84	03	8	16	3	1	7	St.	9.8	-0.2	24.9	28	-8	23	+1	84	3	433	230	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH h. m.	DIKHEILA 11 h.	CAIRO h. m.	HELWAN 9 h.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 5 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 6 h.	Salum 13th 13 h.
02 00 00		02 01 20		02 02 35			03 01 20	06 06 15	06 36 20	06 03 20	07 35 25	06 18 15	06 23 10	02 09 20
[illegible] 04 25		05 02 15		05 05 65			06 03 50	10 09 15	10 02 60	10 03 25	10 02 45	10 22 15	10 24 15	05 05 20
[illegible] 07 10		10 03 20		08 04 30			10 03 30	15 07 25	15 36 20	15 36 25	15 36 20	15 33 25	15 25 15	10 06 25
[illegible] 35 05		15 03 25		10 05 35			15 02 15	20 07 45	20 23 05	20 02 15	20 35 15	20 02 35	20 27 10	15 06 10
20 36 10		20 02 75		15 03 35			20 35 20	30 05 60	30 02 20	30 24 10	30 28 20	30 03 20	30 30 5	20 03 05
25 01 10		25 01 25		20 02 40			21 35 30		40 36 10	40 31 10		40 11 15		25 34 15
30 34 15		30 34 25		23 35 35					50 32 10	50 35 10		45 12 30		30 33 20
35 32 25		32 34 30		25 33 25					60 03 5	60 25 10				35 32 25
40 32 40				29 34 30					70 27 15					40 32 30
44 31 40									80 27 20					42 32 35

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 13th	Diff. from normal	Wet Bulb Temp °C on 13th	Diff. from normal
Alexandria	53	-14	13.0	-1.8
Ezbekiya	48	-5	12.7	-3.0
Giza	51	-2	13.1	-2.1
Helwan	32	-10	10.7	-2.6

Giza Grass minimum on 14th 6.2 °C

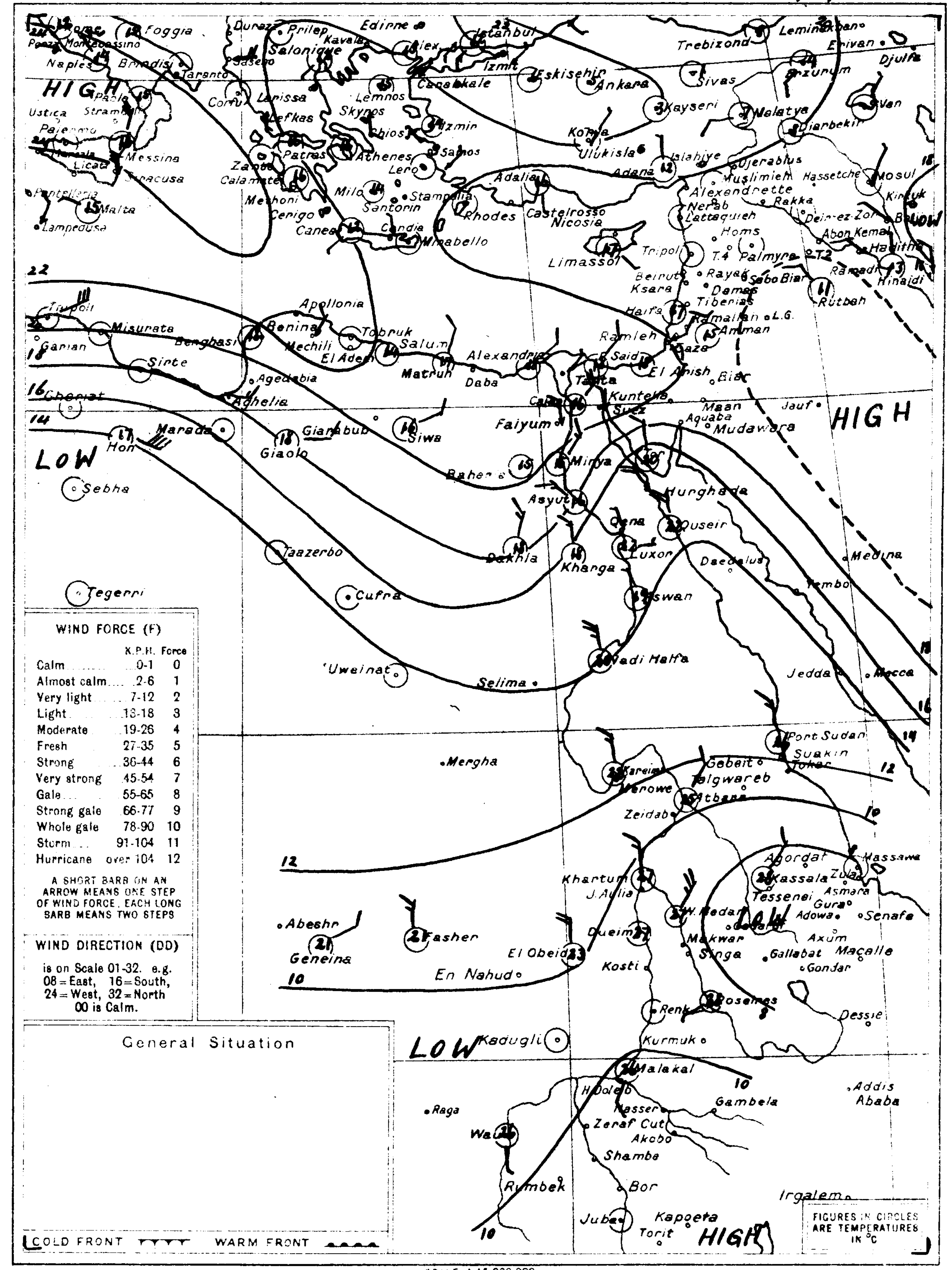
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
14.4	822	774
13.4	822	775

GAUGE	Date 1939	Reading m	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	14.4	13.42	+0.12	13.33	+0.04
Nasser	13.4	5.94	+0.48	5.70	+0.30
Malakal	14.4	10.33	+0.25	10.32	+0.24
Roseires	14.4	12.18	+0.84	12.28	+0.93
Sennar Res	14.4	16.54	—	16.51	—
J. Aulia U.S	14.4	373.95	—	374.09	—
J. Aulia D.S	14.4	371.50	+0.63	371.52	+0.65
Khartum	14.4	10.48	+0.12	10.51	+0.14
Kh. el Girba					
Atbara	14.4	10.34	+0.36	10.34	+0.36
Kajnarti	14.4	132.75	+0.90	132.80	+0.95
Aswan Res.	14.4	120.16	—	120.14	—
Aswan D.S.	14.4	85.55	-0.02	85.56	-0.01
Roda (Cairo)	14.4	15.77	+0.26	15.77	+0.26

Printed by the Survey & Mines Dept. 1938 (38/554)

١٩٣٩-٤-١٤ Isobars, Wind and Temperature at 8 h. 14-4-1939.



SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

STATION مرصد	At 8 h. on 14th (الساعة ٨ يوم ١٤) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	12	1	0	0	—	19.6	+6.8	17	—	—	—	—	—	0	603	430
Haifa	00	—	10	1	—	0	—	20.4	+8.0	17.0	18	-6	9	-3	46	0	548	634
Gaza	00	9	12	1	0	0	—	20.3	+7.4	15	—	—	6	-6	55	—	—	368
SHIPS سفن																		

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.

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	91-96
" with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 05h 28m
" " Sunset 18h 22m

Month APRIL 1939 ١٩٣٩ شهر أبريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 14th — الساعة ١٤ يوم ١٤ | At 8 h. on SATURDAY 15th — السبت ١٥ الساعة ٨ يوم

STATION	14h PRESENT WEATHER ww	14h VISIBILITY V	14h WIND Dir. DD	14h WIND Force F	14h PAST WEATHER W	14h CLOUD Amount N	14h CLOUD Form C	14h BAR. PRESS. M.S.L. 1000+ mbs. PPP	14h °C TEMP. TTT	14h % HUMIDITY UU	8h PRESENT WEATHER ww	8h VISIBILITY V	8h WIND Dir. DD	8h WIND Force F	8h PAST WEATHER W	8h CLOUD Amount N	8h CLOUD Form C	8h BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm. °C	MINIMUM Today °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	STATION NUMBER
…LUM	02	8	04	3	1	5	Cc	20.7	16.0	63	03	7	10	3	2	7	St	19.4	+2.6	13.5	17	—	12	—	93	0	81	—	130
…TRUH	01	7	02	2	0	4	Ci	20.6	17.8	76	02	7	06	2	2	5	Sc	19.0	+4.2	17.4	18	-5	14	+1	82	0	122	156	131
…HEILA	01	8	32	3	1	1	Sc	20.6	17.7	64	01	8	02	3	1	4	Cs	19.9	—	17.0	18	—	14	—	64	0	94	—	150
ALEXANDRIA	00	9	02	2	0	0	—	20.0	—	60	02	9	06	2	2	4	Ac	19.8	+5.4	18.2	21	-3	13	-2	72	0	165	181	132
DAMIETTA											02	8	02	3	1	4	Ac	19.0	—	18.0	20	—	15	—	71	0	70	103	159
PORT SAÎD	00	8	04	3	0	0	—	19.5	20.5	55	01	8	04	5	0	3	Cs	19.0	+5.9	17.8	23	0	16	0	65	0	64	75	134
EL 'ARÎSH	00	7	28	2	0	0	—	17.9	19.2	61	00	7	00	0	0	0	—	—	—	18.6	20	—	10	—	61	0	130	87	135
DAMANHÛR											01	7	32	3	1	2	Ci	19.8	+5.4	17.4	22	-5	10	-1	73	0	29	98	136
MANSURA											01	8	02	2	1	3	Ac	19.4	—	17.5	25	-3	12	0	73	0	46	50	137
…TA	00	7	04	2	0	0	—	18.2	24.5	36	02	7	02	1	1	4	Cs	19.8	+4.7	17.5	25	-4	7	-5	70	0	40	37	138
…ZIG	00	8	30	4	0	0	—	18.4	24.4	33	01	7	02	3	1	2	Cs	19.5	—	18.4	24	-4	8	-3	70	0	31	26	139
…ALMAZA	00	8	04	5	0	0	—	18.0	24.0	30	01	7	06	4	0	3	Cs	19.0	—	16.5	25	—	10	—	66	0	18	—	141
EZBEKIYA	00	9	04	3	0	0	—	17.9	24.6	30	01	6	04	1	0	1	Ac	18.4	+4.7	16.1	26	-2	10	-3	68	0	23	24	—
GÎZA	00	8	02	2	0	0	—	17.8	24.1	36	01	7	02	3	0	3	Cs	18.8	+4.5	16.4	25	-3	9	-1	71	0	23	24	—
HELWAN	01	9	02	5	0	2	As	17.1	23.2	18	05	6	04	6	0	2	Ac	18.0	+4.0	16.5	25	-3	12	-2	56	0	26	26	143
SUEZ	00	9	32	4	0	0	—	17.2	22.3	42	01	8	02	2	1	3	Cu	18.4	+3.8	15.8	24	-4	11	-4	74	0	27	16	144
FAIYUM	00	8	02	5	0	0	—	17.2	24.6	43	00	8	02	4	0	0	—	18.0	+3.6	15.8	25	-5	10	-2	65	0	7	7	153
MINYA	00	8	32	4	1	0	—	14.8	25.6	22	00	7	30	3	1	0	—	16.4	+2.1	15.0	26	-4	11	-2	66	0	4	—	154
ASYUT	01	8	30	3	1	3	As	14.0	27.2	18	00	7	22	3	0	0	—	15.8	+2.2	15.5	28	-3	10	-5	54	0	2	4	155
QENA	00	8	26	1	0	0	—	12.8	30.2	17	02	7	32	1	1	5	Sc	14.0	+0.7	18.4	32	-4	12	-4	42	0	dr	—	156
LUXOR	00	8	02	2	0	0	—	12.6	30.5	23	03	8	22	2	2	8	Ci	13.8	—	20.0	32	—	11	—	43	0	dr	—	157
ASWAN	00	7	30	3	0	0	—	10.8	31.0	9	02	7	30	2	1	5	Ci	12.6	0.0	19.0	32	-4	15	-3	19	0	1	—	158
SIWA	02	8	08	1	1	4	Sc	17.9	27.2	66	02	8	06	2	1	5	Cu	19.2	+4.2	15.3	27	-3	13	+1	68	0	7	7	148
BAHARIYA	00	9	00	0	0	0	—	17.4	25.0	22	00	9	00	0	0	0	—	18.7	—	16.0	26	—	10	—	50	0	1	—	149
KHARGA	00	8	04	3	0	0	—	14.0	27.0	34	00	8	32	1	0	0	—	14.7	+1.2	20.4	29	-5	14	-1	45	0	dr	tr	151
DAKHLA	01	7	32	2	1	3	Ci	15.6	26.8	40	01	6	00	0	1	3	Ci	15.5	+1.6	18.9	28	-6	11	-3	51	0	dr	—	152
TOR	00	8	28	5	0	0	—	13.5	22.0	62	00	6	28	3	0	0	—	14.0	+1.0	20.5	23	-5	11	-5	45	0	20	13	145
HURGHADA	01	9	02	3	1	3	Ci	14.3	23.6	45	02	9	30	4	1	4	Ci	14.8	+2.3	19.8	26	-3	15	-1	54	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	14.3	23.2	53	02	7	32	4	1	4	Ac	13.6	+1.2	21.9	25	-3	17	-3	50	0	tr	6	147
PORT SUDAN	01	—	04	4	0	4	—	9	28	65	00	—	32	1	0	0	—	11.0	0.0	26.3	30	-2	24	+3	67	0	81	107	169
WADI HALFA											02	8	32	2	0	5	Ac	12.3	+0.3	19.6	33	-4	15	-2	25	—	—	—	165
KAREIMA											00	8	04	1	0	0	—	11.9	+1.3	24.0	36	-4	17	-4	20	0	1	1	166
ATBARA	02	—	30	2	0	5	—	5	38	10	00	—	06	2	0	0	—	10.2	+1.4	26.2	38	-1	18	-2	22	0	6	2	167
KHARTUM											01	8	02	3	1	4	Cs	8.9	+0.7	27.0	40	-1	21	-1	15	0	3	5	168
KASSALA											00	8	06	2	0	3	Ci	7.4	0.0	29.0	38	-2	20	-2	27	0	16	12	170
WAD MEDANI																												14	171
DUEIM											00	—	—	3	0	0	—	9.0	+0.6	27.8	39	-1	20	0	19	0	15	13	173
RENK	02	7	30	3	1	5	Ac	3.7	37	14									—		—		—					—	182
[illegible]	01	—	26	1	0	4	—	4	39	25	00	—	20	1	0	0	—	9.3	+1.7	24.3	39	-1	20	-2	50	0	41	48	172
[illegible]	03	8	00	0	1	8	—	6.0	33	12	02	8	00	0	1	5	Ci	10.4	+0.6	23.8	34	-4	17	-3	20	0	13	21	174
[illegible]	01	—	02	2	0	4	—	—	33	—	01	8	32	1	0	2	Cs	—	—	19.0	36	-2	14	-4	16	0	3	8	175
[illegible]	02	8	30	1	1	5	Ac	—	36	13	01	8	02	2	1	3	Ci	—	—	19.4	39	—	14	—	30	0	12	—	179
[illegible]																												—	187
[illegible]																												110	176
[illegible]	03	—	32	3	1	6	—	4	36	10	01	—	20	2	0	4	—	8.0	-0.6	28.0	37	0	25	+3	58	0	166	206	177
[illegible]	01	8	14	1	1	4	Cu	6.8	32	49																		234	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

[illegible] 7 h.	[illegible] 7 h.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYÛT 8 h.	ASWÂN 7 h.	WADI HALFA 4 h.	KAREIMA 7 h.	KHARTÛM 6 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL	JUBA	Geneina 5 h.
[illegible] 12 05	02 08 25	02 05 40	02 05 35	02 34 20	02 01 05	03 02 25	06 23 15	06 01 45	06 03 20	07 36 25			10 07 35
[illegible] 8 30	05 07 20	05 05 45	05 04 30	05 01 25	05 05 25	06 04 45	10 22 05	10 03 45	10 02 25	10 03 35			15 11 25
[illegible] 7 20	10 07 15	10 03 40	08 04 30	10 01 35	10 02 30	10 03 35	15 18 05	15 02 25	15 03 20	15 03 10			20 16 25
[illegible] 5 05	15 04 15	15 04 45	10 04 45	15 36 25	15 31 15	15 33 15	20 09 35	20 23 05	20 36 20	20 13 10			22 16 15
17 36 05	20 02 20	20 04 35	15 03 45	20 36 35	20 34 20	20 02 30	30 09 40	30 27 10	30 31 10	30 13 10			
20 01 05	25 36 10	25 03 35	20 06 35		25 32 25	22 05 20		40 32 30		35 08 10			
23 31 10	30 33 15	30 36 15	23 04 40					50 29 10					
25 30 15		33 34 20	25 04 30					60 34 15					
			30 35 15					63 01 05					
			35 33 25										

Forecast for 24 hours from noon on 15th

Northeast to east winds, on the coast moderate, inland fresh to strong.
Some high cloud.
Temperature remaining below normal, but rising slightly.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٥
رياح شمالية شرقية الى شرقية معتدلة على السواحل
ونشيطة الى شديدة في الداخل. تظهر بعض السحب العالية
وتظل درجة الحرارة دون المعدل ثم ترتفع قليلا

Mean of day

STATION	HUMIDITY on 14th	Diff. from normal	WET BULB TEMP. on 14th	Diff. from normal
Alexandria	66	-1	14.0	-0.8
Ezbekiya	50	-3	13.1	-2.7
Giza	52	-1	13.8	-1.4
Helwân	41	-1	11.3	-2.0

Giza Grass minimum 15th 7.9 °C

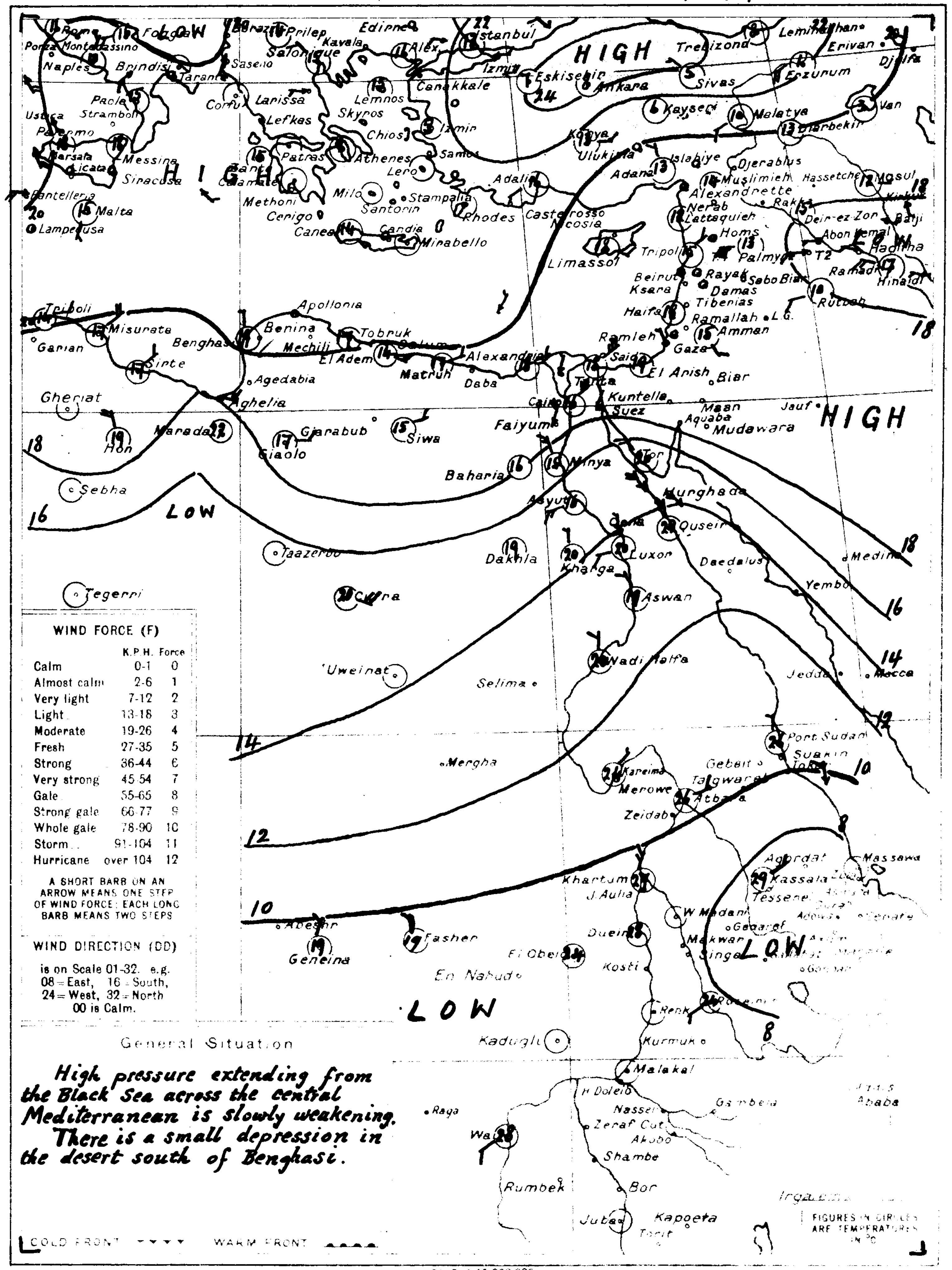
Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
15-4	822	774
14-4	822	774

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	14-4	13.42	+0.12	13.33	+0.04
Nasser	13-4	5.94	+0.48	5.70	+0.30
Malakal	15-4	10.35	+0.26	10.33	+0.25
Roseires	15-4	12.09	+0.75	12.18	+0.84
Sennâr Res.	14-4	16.54	—	16.51	—
J. Aulia U.S	14-4	373.95	—	374.09	—
J. Aulia D.S	14-4	371.50	+0.63	371.52	+0.65
Khartûm	15-4	10.48	+0.13	10.48	+0.12
Kh. el Girba					
'Atbara	15-4	10.33	+0.35	10.34	+0.36
Kajnarti	14-4	132.75	+0.90	132.80	+0.95
Aswân Res.	15-4	120.18	—	120.16	—
Aswân D.S	15-4	85.55	-0.02	85.55	-0.02
Rôda (Cairo)	15-4	15.77	+0.26	15.77	+0.26

Printed by the Survey & Mines Dept. 1938 (38-554)

.١٩٣٩-٤-١٥ Isobars, Wind and Temperature at 8 h. 15-4-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

High pressure extending from the Black Sea across the central Mediterranean is slowly weakening.
There is a small depression in the desert south of Benghasi.

At 8 h. on 15th — ١٥

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm. °C	MINIMUM Today °C mm	Diff. from norm. °C	HUMIDITY UU	RAINFALL Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	00	7	16	2	0	0	—	18.2	+5.4	18	—	—	—	—	—	0	603	430
Haifa	00	—	00	0	—	0	—	18.6	+6.3	18.2	19	-5	10	-2	42	0	548	634
Gaza	00	9	30	1	0	0	—	20.6	+7.7	16	—	—	5	-7	55	—	—	364

SHIPS

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of [illegible]	85, 86
" of [illegible]	88, 89
Thunderstorm	90-99
" ended, now rain	91
" with Hail	94-96
" with [illegible]	98
" heavy with [illegible]	99

PAST WEATHER (W)

Clear, slight [illegible]	0
Variable sky	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

CLOUD AMOUNT (N)

[illegible]	0
Trace	
1 Tenth	1
2 or 3 Tenths	3
4 or 5 Tenths	4
[illegible]	
9 Tenths	
Over 9 Tenths	
Overcast	
Fog or Dust	9

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 15[illegible]

CAIRO
Time of Sunrise 5 26
" " Sunset 18 23

Month APRIL 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٦ - ٣ - ٣٩

At 14 h. on 15th (الساعة ١٤ يوم ١٥) — At 8 h. on SUNDAY 16th (الساعة ٨ يوم الأحد ١٦)

STATION	14h: Present Weather ww	14h: Visibility V	14h: Wind Dir. DD	14h: Wind Force F	14h: Past Weather W	14h: Cloud Amount N	14h: Cloud Form C	14h: Bar. Press. M.S.L. 1000+ mbs. PPP	14h: Temp. °C TTT	14h: % Humidity UU	8h: Present Weather ww	8h: Visibility V	8h: Wind Dir. DD	8h: Wind Force F	8h: Past Weather W	8h: Cloud Amount N	8h: Cloud Form C	8h: Bar. M.S.L. 1000+ mbs. PPP	8h: Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	02	8	04	4	1	4	Ac	19.9	17.0	80	04	3	12	3	4	7	St	20.2	+3.5	13.1	19	—	12	—	93	0	81	—	130
MATRUH	01	7	06	3	0	3	St	19.2	18.8	84	02	7	32	1	0	4	Cu	19.8	+5.1	17.6	19	-4	10	-3	83	0	122	156	131
DIKHEILA	01	8	04	5	1	3	Cs	19.1	18.4	76	05	7	04	4	0	0	—	19.9	—	18.3	19	—	16	—	74	0	94	—	150
ALEXANDRIA	01	9	04	4	2	3	Ac	18.8	21.7	65	00	9	04	3	0	0	—	19.5	+5.2	20.4	22	-2	16	+1	69	0	165	182	132
DAMIETTA											00	8	04	3	0	0	—	18.4	—	18.4	20	—	16	—	81	0	70	103	159
PORT SAID	01	8	04	3	1	3	Cs	19.8	20.6	56	00	8	04	4	0	0	—	18.7	+5.6	19.0	21	-2	17	+1	74	0	64	75	134
EL 'ARISH	00	7	32	3	0	0	—	18.0	20.0	66	00	7	00	0	0	0	—	18.2	—	20.2	20	—	15	—	71	0	130	87	135
LOWER EGYPT																													
DAMANHUR											00	7	04	3	0	0	—	19.5	+5.2	18.8	20	-7	10	-1	75	0	29	99	136
MANSURA											00	8	02	2	0	0	—	18.4	—	18.9	25	-3	12	0	72	0	46	51	137
TANTA	01	7	04	2	1	4	Ac	17.2	25.0	28	00	7	04	1	0	0	—	18.6	+3.5	18.7	25	-4	10	-2	74	0	40	37	138
ZAGAZIG	00	8	04	3	0	0	—	17.2	24.8	39	00	7	04	4	0	0	—	19.0	—	20.0	25	-3	10	-1	72	0	31	26	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	04	6	1	4	Cs	16.6	25.3	32	01	7	04	3	0	1	Cu	18.6	—	17.0	26	—	11	—	76	0	18	—	141
CAIRO EZBEKIYA	01	8	32	4	1	3	Ci	16.3	25.5	27	01	7	02	4	1	2	St	18.0	+4.3	16.8	27	-1	10	-3	76	0	23	24	—
CAIRO GIZA	01	8	04	3	1	3	Ci	15.8	25.5	35	01	6	04	2	0	3	Cu	18.0	+3.7	16.9	26	-2	9	-2	78	0	23	24	—
HELWAN	02	9	04	6	1	4	Ci	15.1	24.8	18	00	7	04	5	0	0	—	17.8	+3.9	18.2	26	-2	16	+2	58	0	26	26	143
SUEZ	00	9	32	4	0	0	—	14.7	25.0	39	00	8	30	2	0	0	—	17.2	+2.7	19.0	26	-2	14	-1	68	0	27	16	144
UPPER EGYPT																													
FAIYUM	02	8	02	4	0	4	Sc	15.6	26.0	23	00	8	02	3	0	0	—	16.6	+2.3	18.0	27	-3	12	-1	62	0	7	7	153
MINYA	02	6	32	4	2	5	As	13.6	27.2	20	00	6	02	4	0	0	—	15.6	+1.4	16.3	27	-4	12	-2	66	0	4	—	154
ASYUT	02	8	30	2	1	4	As	12.6	29.2	20	00	6	20	3	0	0	—	15.2	+1.6	17.8	31	-1	12	-3	52	0	2	4	155
QENA	00	8	24	1	1	0	—	11.6	30.2	20	00	8	24	1	0	0	—	14.0	+0.8	21.8	32	-4	15	-1	43	0	tr	—	156
LUXOR	00	8	06	2	0	0	—	11.5	31.0	19	00	8	10	1	0	0	—	13.9	—	23.0	33	—	12	—	38	0	tr	—	157
ASWAN	01	7	32	2	1	3	Cu	10.0	31.3	7	00	7	00	0	0	0	—	12.7	+0.2	20.2	33	-3	16	-2	18	0	1	—	158
WESTERN DESERT																													
SIWA	02	8	10	2	1	4	Cu	17.1	27.3	68	00	8	00	0	0	0	—	19.0	+4.0	17.0	29	-1	10	-2	70	0	7	7	148
BAHARIYA	03	9	32	2	2	8	—	16.4	25.0	28	00	9	32	1	0	0	—	18.4	—	16.5	26	—	10	—	74	0	1	—	149
KHARGA	00	8	04	3	0	0	—	12.0	29.5	31	00	8	32	1	0	0	—	14.4	+0.9	20.3	30	-4	14	-1	40	0	tr	tr	151
DAKHLA	05	7	28	2	0	0	—	13.6	29.0	44	00	6	30	2	0	0	—	15.9	+2.1	19.4	30	-4	12	-2	65	0	tr	—	152
RED SEA																													
TOR	00	6	28	4	0	0	—	12.4	23.5	62	00	6	28	4	0	0	—	14.4	+1.5	21.0	24	-4	15	-1	82	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	12.8	24.7	53	00	9	30	3	0	0	—	14.6	+2.1	22.2	28	-4	16	0	43	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	12.6	24.9	40	00	7	32	3	0	0	—	12.8	+0.5	25.0	26	-2	19	-1	40	0	tr	6	147
PORT SUDAN											00	—	32	2	0	0	—	12.3	+1.4	26.4	30	-2	24	+2	69	0	81	107	169
NORTH SUDAN																													
WADI HALFA	02	8	32	2	1	5	—	8.9	33	16	01	8	32	2	1	4	Cs	12.3	+0.4	20.9	34	-3	14	-3	34	—	—	—	165
KAREIMA	00	8	32	2	0	0	—	8.3	36	13	01	8	00	0	0	2	Ci	12.1	+1.5	25.5	37	-3	17	-4	20	0	1	1	166
'ATBARA	01	—	32	3	0	3	—	6	37	10	00	—	26	2	0	0	—	10.7	+2.0	26.8	37	-3	18	-2	20	0	6	2	167
KHARTUM	01	8	32	2	1	4	—	4.9	41	14	01	8	04	3	0	3	Ci	8.0	-0.2	28.0	41	0	22	0	12	0	3	5	168
KASSALA	00	8	02	3	0	0	—	2.4	39	14	01	8	02	2	0	2	Ci	6.7	-0.7	28.0	40	-1	21	-2	33	0	16	12	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	5	0	0	—	7.5	-0.2	30.7	40	-1	20	-2	12	0	18	14	171
DUEIM	01	—	—	2	0	3	—	4	39	10	00	—	—	3	0	0	—	9.1	+0.8	28.4	40	-1	22	+2	22	0	15	14	173
RENK	01	7	20	4	1	4	—	4.0	39	14									—									—	182
ROSEIRES	01	—	04	4	0	3	—	4	40	—	00	—	26	1	0	0	—	7.4	-0.2	30.0	42	+2	21	-1	33	0	41	49	172
EL OBEID	02	8	00	0	1	5	—	3.9	37	11	03	8	32	3	1	6	Ci	8.9	-0.8	25.7	38	-1	17	-3	19	0	13	21	174
EL FASHER	01	—	00	0	0	3	—	—	34	—	02	8	28	1	1	5	Ac, Ci	—	—	21.7	37	-1	16	-2	14	0	3	8	175
GENEINA	02	8	24	1	3	4	Ac	—	36	17	01	8	08	2	0	3	Ac	—	—	21.2	39	—	14	—	27	0	12	—	179
KADUGLI	18	4	12	4	1	4	—	4.0	39	14																		—	187
S. SUDAN																													
MALAKAL	02	8	26	3	1	4	Cu	3.5	37	26	03	8	24	1	2	8	Cs	7.0	-2.3	29.1	38	0	24	+1	50	0	83	111	176
WAU											00	—	20	3	0	0	—	7.7	-0.9	28.4	37	0	26	+4	61	0	166	208	177
JUBA	02	8	10	1	0	4	Cu	5.1	33	39	01	8	16	3	0	4	Sc	9.4	-0.7	26.9	34	-2	25	+3	69	tr	433	238	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS (الرياح العليا)

SALUM 9 h. m.	MATRUH 7 h. m.	DIKHEILA 7 h. m.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 4 h. m.	KAREIMA 7 h. m.	KHARTUM 6 h. m.	KASSALA 5 h. m.	EL OBEID 6 h. m.	MALAKAL 7 h. m.	JUBA 6 h. m.	Salam 15th 13 h. m.
02.13.10	02.06.05	02.05.25	02.06.20	02.05.30	02.31.15	02.01.10	03.03.15	06.06.15	06.02.60	06.06.15	07.02.35	06.29.15	06.28.15	02.07.10
05.10.30	05.06.30	06.06.26	05.06.60	05.05.75	05.01.20	05.03.25	06.03.35	10.06.20	10.02.50	10.03.25	10.05.45	10.28.10	10.29.20	05.11.15
10.06.30	Ent. Cu	10.07.40	10.07.30	08.05.55	10.01.20	10.04.35	10.03.25	15.05.20	15.01.25	15.02.25	15.05.25	15.32.10	15.29.20	10.13.10
15.05.30		15.05.40	14.10.15	10.08.40	15.36.15	15.01.10	15.03.10	20.05.20	20.01.20	20.31.20	20.05.10	20.04.15	20.32.10	15.10.10
20.07.10		20.05.35		15.07.16	20.35.20	20.02.20	20.29.15	30.03.20	30.04.15	30.29.30	30.00.00	30.32.20	25.31.05	20.10.10
25.06.10		22.03.30		20.07.50	23.32.45		30.28.40	40.01.20	40.35.10	40.29.40	40.04.10	40.07.20		21.03.05
28.09.10				23.07.60			36.28.35		50.34.10			44.11.25		25.01.10
				25.07.40					57.34.10					30.36.05
														40.01.05
														46.10.15

Forecast for 24 hours from noon on 16th

Fresh northeast winds, strong at times.
Clear or occasional high cloud.
Slight rise in temperature continuing.

تنبؤات الطقس ... رياح شمالية شرقية قوية في بعض الأوقات
السماء صحو أو يظهر بعض السحاب العالي
ويستمر الارتفاع القليل في درجة الحرارة

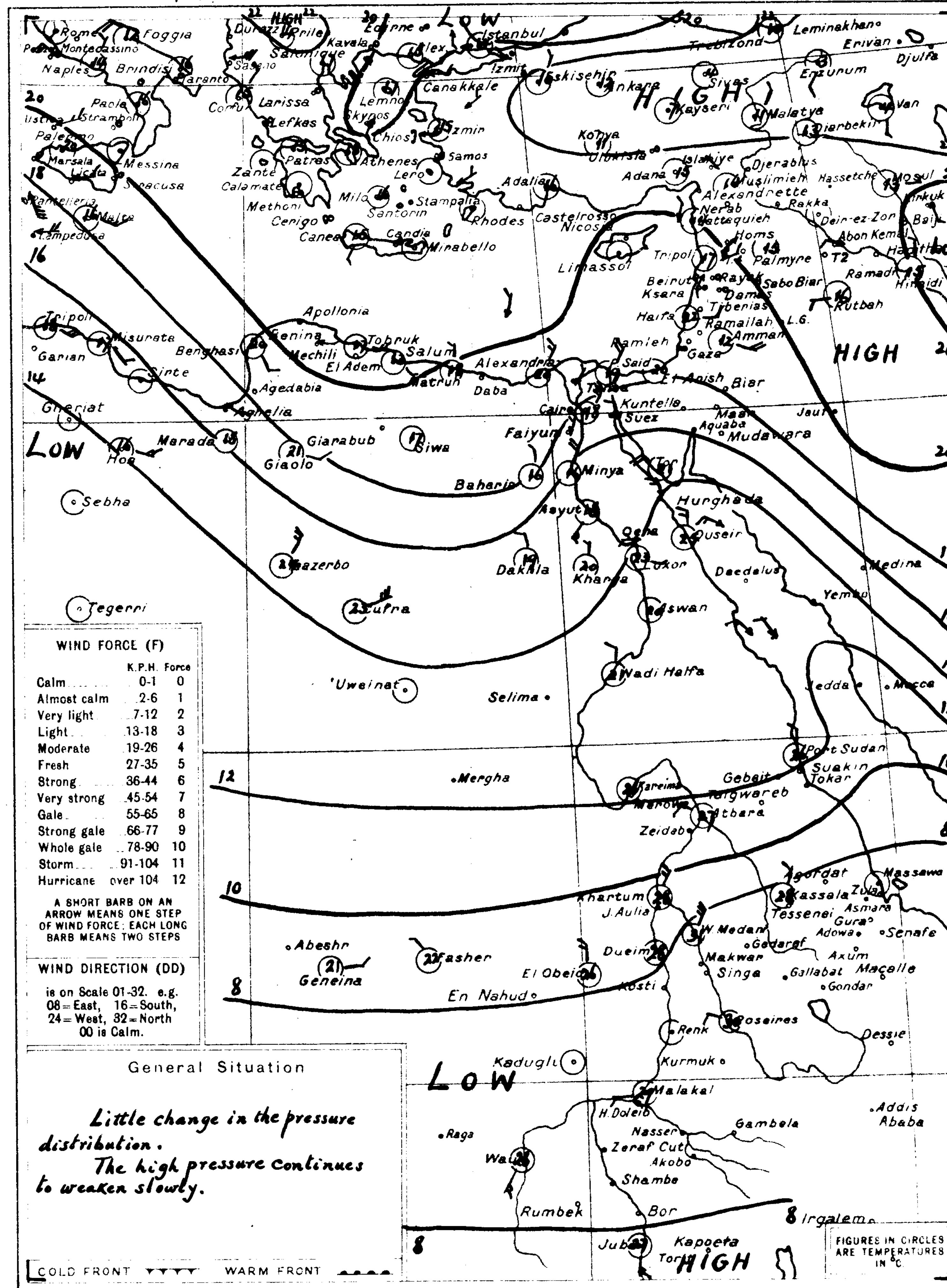
STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet Bulb Temp °C on 15th	Diff. from normal
Alexandria	76	+9	16.0	+1.2
Ezbekiya	53	0	13.4	-2.5
Giza	52	-1	14.1	-1.2
Helwan	36	-6	11.8	-1.6
Giza Grass minimum	16th	5.8 °C		

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
16-4	822	775
15-4	822	774

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	16-4	13.36	+0.04	13.38	+0.07
Nasser	15-4	6.26	+0.77	6.14	+0.67
Malakal	16-4	10.39	+0.29	10.35	+0.26
Roseires	16-4	12.04	+0.70	12.09	+0.75
Sennar Res	15-4	16.60	—	16.64	—
J. Aulia U.S	15-4	373.96	—	373.96	—
J. Aulia D.S	15-4	371.49	+0.62	371.50	+0.63
Khartum	16-4	10.48	+0.15	10.48	+0.13
Kh. el Girba					
'Atbara	16-4	10.32	+0.34	10.33	+0.35
Kajnarti	15-4	132.70	+0.85	132.75	+0.90
Aswan Res.	16-4	120.21	—	120.18	—
Aswan D.S.	16-4	85.54	-0.03	85.55	-0.03
Roda (Cairo)	16-4	15.77	+0.26	15.77	+0.36

Isobars, Wind and Temperature at 8 h. 16-3-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

Little change in the pressure distribution.
The high pressure continues to weaken slowly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

Kms 200 100 0 200 400 600 Kms — SCALE 1:15,000,000

At 8 h. on 16th (الساعة ٨ يوم ١٦)

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	10	2	0	0	—	19.2	+6.4	18	—	—	—	—	—	0	603	431
Haifa	00	—	08	2	—	0	—	18.6	+6.3	22.5	20	-4	10	-2	44	0	548	634
Gaza																		
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 05 23 h. m.
" " Sunset 18 24 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT ١٧-٤-٣٩

Month APRIL 1939 ١٩٣٩ شهر ابريل

Region	STATION	14h 16th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Monday 17th ww	V	DD	F	W	N	C	PPP M.S.L.	Diff. from normal	Dry Bulb TTT	Max Yesterday MM	Diff. from norm.	Min Today mm	Diff. from norm.	UU % Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	SALUM	01	8	04	2	0	3	Cc	19.9	18.1	70	09	8	00	0	4	0	—	17.5	+0.8	15.7	19	—	12	—	64	0	81	—	130
	MATRUH	00	7	02	3	0	0	—	19.2	19.3	74	01	7	06	1	1	4	Cu	17.5	+2.8	18.9	20	-3	11	-2	80	0	122	157	131
	DIKHEILA	05	7	04	5	0	0	—	19.2	18.8	81	00	8	02	4	0	0	—	17.8	—	18.7	19	—	16	—	67	0	94	—	150
	ALEXANDRIA	00	9	04	3	0	0	—	18.7	21.2	64	00	9	04	3	0	0	—	17.0	+2.7	20.3	23	-1	16	+1	67	0	165	182	132
	DAMIETTA											00	8	02	3	0	0	—	16.4	—	19.6	21	—	16	—	78	0	70	103	159
	PORT SAID	00	8	04	4	0	0	—	17.5	21.8	74	00	8	04	4	0	0	—	16.0	+3.0	19.8	23	-1	17	+1	81	0	64	75	134
	EL ARISH											00	7	00	0	0	0	—	15.4	—	19.8	21	—	13?	—	72	0	130	88	135
LOWER EGYPT	DAMANHUR											00	7	06	2	0	0	—	17.1	+2.8	20.0	25	-2	12	+1	71	0	29	99	136
	MANSURA											00	8	02	2	0	0	—	16.3	—	19.5	27	-1	13	+1	77	0	46	51	137
	TANTA	00	7	04	3	0	0	—	16.7	26.5	37	00	7	02	3	0	0	—	16.4	+1.4	18.0	27	-2	10	-2	80	0	40	37	138
	ZAGAZIG	00	8	04	4	0	0	—	16.6	27.4	27	01	7	02	2	1	3	Cc	16.4	—	18.8	27	-1	11	0	90	0	31	26	139
MIDDLE EGYPT — CAIRO	ALMAZA	00	8	02	4	0	0	—	15.6	28.4	36	51	6	06	4	5	8	St	16.4	—	15.8	28	—	13	—	88	d	18		141
	EZBEKIYA	00	8	32	3	0	0	—	15.6	27.7	24	03	6	32	2	4	7	Ns	15.9	+2.3	16.2	29	+1	12	-2	88	0	23	24	—
	GIZA	00	8	26	3	1	0	—	14.8	28.5	25	03	5	02	3	2	6	Sc	16.0	+1.8	16.0	29	+1	11	0	89	0	23	25	—
	HELWAN	00	9	02	5	0	0	—	14.7	28.7	12	00	7	02	4	0	0	—	15.4	+1.5	18.5	29	0	13	-1	57	0	26	27	143
	SUEZ	00	9	28	1	0	0	—	14.0	30.0	27	00	7	30	2	0	0	—	15.0	+0.6	18.4	31	+3	15	0	84	0	27	17	144
UPPER EGYPT	FAIYUM	00	8	32	5	0	0	—	15.6	28.7	21	00	8	32	4	0	0	—	14.8	+0.6	17.8	30	0	13	0	68	0	7	8	153
	MINYA	00	7	30	4	0	0	—	13.0	29.2	24	00	5	30	4	0	0	—	13.8	-0.4	17.1	30	-1	14	0	71	0	4	—	154
	ASYUT	00	7	20	3	0	0	—	12.7	31.0	22	00	6	04	3	0	0	—	13.8	+0.3	19.0	31	-1	12	-3	46	0	2	4	155
	QENA	00	8	22	1	0	0	—	11.6	33.3	18	00	8	22	1	0	0	—	13.0	-0.2	21.8	35	-1	14	-2	33	0	d	—	156
	LUXOR	01	8	06	1	0	1	Ci	11.4	32.8	22	00	8	32	1	0	0	—	13.0	—	23.8	35	—	13	—	41	0	d	—	157
	ASWAN	00	7	30	2	0	0	—	9.9	34.7	6	00	7	30	1	0	0	—	12.2	-0.2	23.0	36	0	18	-1	18	0	1	—	158
WESTERN DESERT	SIWA	01	8	10	1	1	4	Sc	17.1	27.8	22	00	8	08	2	0	0	—	16.6	+1.7	18.0	30	0	12	0	62	6	7	8	148
	BAHARIYA	00	9	00	0	0	0	—	14.7	29.0	24	00	9	00	0	0	0	—	17.1	—	16.0	30	—	12	—	69	0	1	—	149
	KHARGA	00	8	04	2	0	0	—	11.6	28.6	30	00	8	00	0	0	0	—	14.0	+0.6	20.9	30	-4	13	-2	44	0	d	tr	151
	DAKHLA	05	7	30	1	1	1	Ci	13.6	30.0	25	00	6	12	1	0	0	—	14.8	+1.1	19.6	31	-3	15	+1	37	0	d	—	152
RED SEA	TOR	00	6	28	3	0	0	—	13.0	25.2	57	00	6	32	3	0	0	—	13.8	+0.9	21.5	27	-1	13	-3	74	0	20	13	145
	HURGHADA	00	7	02	2	0	0	—	13.0	28.3	31	00	9	30	3	0	0	—	12.7	+0.3	23.7	28	-1	15	-1	32	0	1	—	146
	QUSEIR	00	7	02	3	0	0	—	13.0	26.6	45	00	7	32	2	0	0	—	12.6	+0.3	25.0	27	-1	18	-2	36	0	tr	6	147
	PORT SUDAN	01	—	04	3	0	3	—	—	30	45	00	—	32	1	0	0	—	12.8	+1.9	26.5	31	-1	24	+2	61	0	81	108	169
NORTH SUDAN	WADI HALFA											00	8	32	1	0	0	—	11.7	-0.2	22.8	36	-1	17	0	31	—	—		165
	KAREIMA	00	8	28	3	0	0	—	8.5	38	22	00	8	04	2	0	0	—	11.7	+1.2	28.0	39	-1	18	-3	22	0	1	T	166
	ATBARA											00	—	02	2	0	0	—	9.5	+0.8	28.0	39	-1	21	0	17	0	6	2	167
	KHARTUM	01	8	04	3	0	4	—	4.7	40	15	02	8	02	3	0	5	Cs	9.0	+0.9	28.7	41	0	23	+1	9	0	3	5	168
	KASSALA	00	8	02	3	0	0	—	4.0	38	37	01	8	02	2	0	2	Cs	6.7	-0.7	27.2	39	-2	22	-1	37	0	16	12	170
CENTRAL SUDAN	WAD MEDANI	03	—	02	4	0	8	—	3	40	—	01	—	06	5	0	4	—	7.6	-0.1	31.1	41	0	18	-4	16	0	18	14	171
	DUEIM	01	—	—	3	0	3	—	5	38	10	00	—	—	3	0	0	—	8.6	+0.3	28.2	40	-1	21	+1	24	0	15	14	173
	RENK	01	8	30	1	0	3	Ac	—	38	14																			182
	ROSEIRES	01	—	04	4	0	3	—	2	42	25	00	—	14	1	0	0	—	7.1	-0.5	31.1	43	+3	19	-3	36	0	41	50	172
	EL OBEID	03	8	02	3	1	6	—	3.3	38	42	03	8	32	3	1	6	Ci	8.0	-1.7	27.7	39	0	17	-3	17	0	13	22	174
	EL FASHER	01	—	30	4	0	3	—	—	36	—	02	8	32	1	1	5	Cs	—	—	20.4	39	+1	17	-1	18	0	3	8	175
	GENEINA	01	8	24	3	0	1	Ac	—	38	5	02	8	00	0	1	5	Cs, Ac	—	—	22.8	40	—	16	—	18	0	12	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL	03	8	32	3	2	8	Cu, Ac	3.4	40	4	03	8	16	3	2	7	Cs	9.8	+0.5	26.7	40	+2	23	0	70	0	83	112	176
	WAU	02	—	—	—	1	5	—	4	39	35	03	—	20	2	6	7	—	7.9	-0.8	25.5	39	+2	23	+1	68	1	167	210	177
	JUBA	02	8	26	5	0	4	Sc, Cb	—	—	83	03	8	18	3	1	7	Sc	11.5	+1.4	23.5	29	7	22	0	83	dr	433	241	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 7 h.	KHARTUM 6 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 6 h.	JUBA 6 h.	Salum 16th 13 h.
02.00.00	02.07.15	02.05.30		02.05.30	02.34.10	02.01.15	03.04.25	06.06.15	06.03.55	06.05.10	07.03.30	06.16.25	06.28.20	02.06.10
05.10.35	05.07.40	06.08.30		05.05.25	05.09.10	06.03.15	06.03.45	10.06.20	10.03.60	10.03.25	10.05.50	10.21.30	10.30.25	05.11.15
10.16.30	10.07.60	10.08.25		08.05.40	10.05.15	10.07.20	10.02.40	15.05.20	15.36.30	15.01.45	15.05.45	15.36.15	15.31.30	10.11.25
15.08.20	15.06.35	15.11.20		10.06.30	15.07.15	15.05.15	15.01.05	20.05.20	20.35.25	20.36.35	20.06.25	20.04.50	20.32.15	15.09.15
20.11.15		20.07.15		15.06.15	20.05.15	20.31.05	20.02.15	30.03.20	30.02.15	30.27.10	30.07.10	30.03.25	21.33.10	20.06.15
22.12.10		25.03.20		20.02.05			30.35.25	40.01.20	40.35.15	40.14.05	34.35.10	40.04.25		25.08.10
		30.34.20		23.01.15			39.32.35		50.35.15	50.01.20		43.07.20		
		35.31.20		25.35.15					60.32.10					
		40.32.30		27.35.15					63.33.10					
		45.32.40												

Forecast for 24 hours from noon on 17th

On the coast moderate northeast to east winds.
Inland fresh northeast winds.
Mainly clear; occasional high cloud tomorrow.
Becoming gradually warmer.

تنبؤات عن الطقس لمدة ٢٤ ساعة من ظهر يوم ١٧ رياح معتدلة شمالية شرقية الى شرقية على الساحل
ورياح شديدة نوعا شمالية شرقية فى الداخل.
السماء صحو فى الغالب مع ظهور بعض السحاب العالى غدا
ويبدأ الطقس يدفأ تدريجيا

STATION	Mean of day Humidity % 16th	Diff. from normal	Wet Bulb Temp °C 16th	Diff. from normal
Alexandria	74	+7	16.5	+1.6
Ezbekiya	58	+6	14.9	-1.1
Giza	59	+6	15.3	0.0
Helwan	42	+1	13.7	+0.2

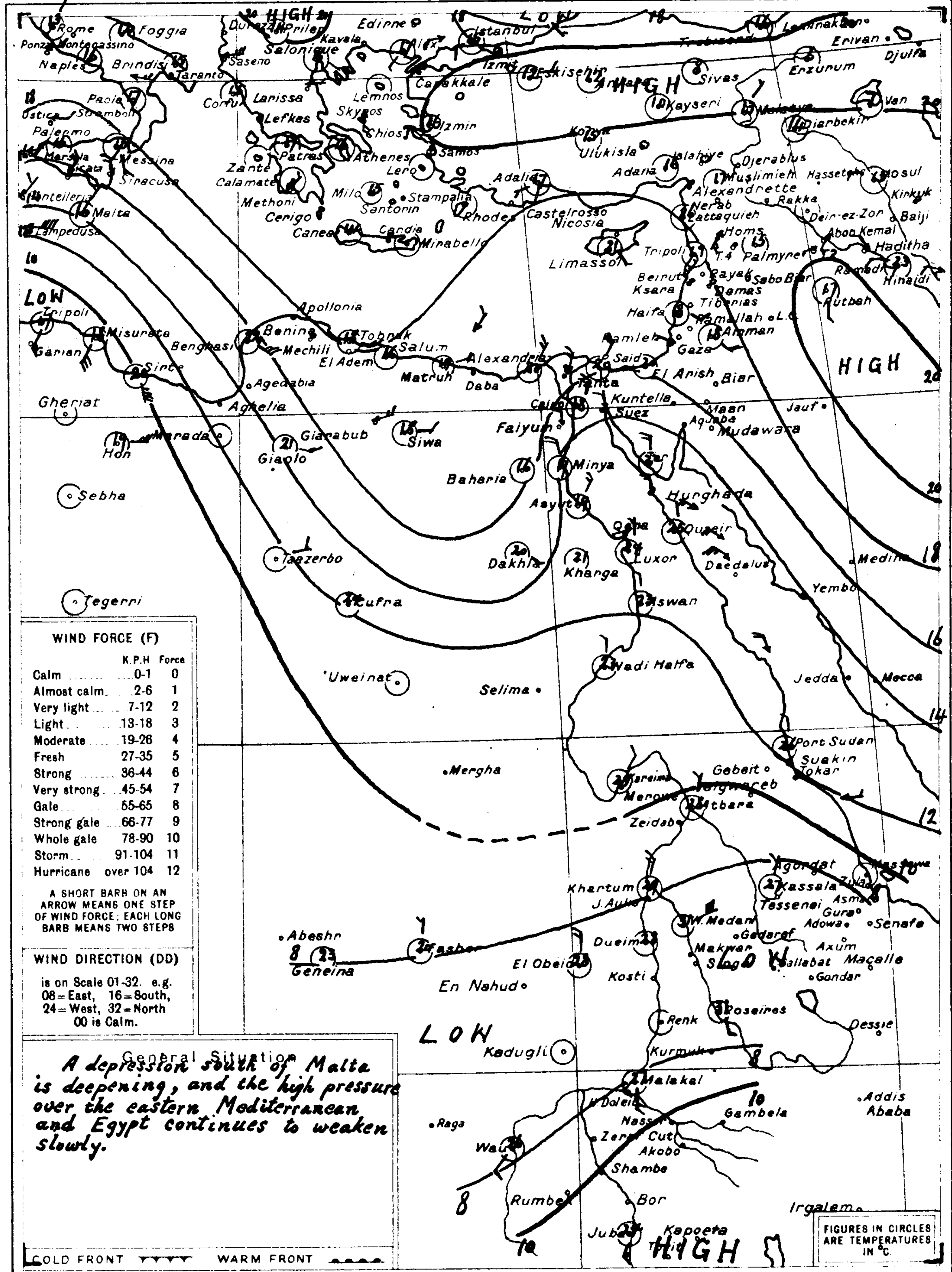
Giza Grass minimum on 17th 9.2 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
17-4	822	775
16-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	16-4	13.36	+0.04	13.38	+0.07
Nasser	16-4	6.34	+0.86	6.26	+0.77
Malakal	17-4	10.45	+0.35	10.39	+0.29
Roseires	17-4	12.00	+0.66	12.04	+0.70
Sennar Res	16-4	16.67	—	16.60	—
J. Aulia U.S	16-4	373.93	—	373.96	—
J. Aulia D.S	16-4	371.47	+0.65	371.44	+0.62
Khartum	16-4	10.48	+0.15	10.48	+0.13
Kh. el Girba					
Atbara	16-4	10.32	+0.34	10.33	+0.35
Kajnarti	16-4	132.67	+0.87	132.70	+0.85
Aswan Res.	17-4	120.21	—	120.21	—
Aswan D.S	17-4	85.53	-0.05	85.54	-0.03
Roda (Cairo)	17-4	15.77	+0.27	15.77	+0.26

Isobars, Wind and Temperature at 8 h. 17-4-39



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A depression south of Malta is deepening, and the high pressure over the eastern Mediterranean and Egypt continues to weaken slowly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 17th — الساعة ٨ يوم ١٧

STATION	ww	V	DD	F	W	N	C	PPP M.S.L.	Diff. from normal	Dry Bulb	Max Yesterday	Diff. from norm.	Min Today	Diff. from norm.	% Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	04	7	12	1	0	0	—	17.2	+4.4	21	—	—	—	—	—	0	603	432
Haifa	00	—	10	2	—	0	—	16.3	+4.1	18.0	24	0	10	-3	60	0	548	635
Gaza	00	9	26	1	0	0	—	16.3	+3.5	19	—	—	10	-2	45	—	—	369
" " 16th	00	9	09	1	0	0	—	18.7	+5.9	17	—	—	9	-3	65	—	—	369

SHIPS سفن

23276 - 34006 - 28300 - 12870.

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h. 05 m. 24
" " Sunset h. 18 m. 24

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر أبريل

At 14 h. on 17th الساعة ١٤ يوم ١٧ — At 8 h. on TUESDAY 18th الساعة ٨ يوم الثلاثاء ١٨

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	00	8	04	3	0	0	—	16.0	19.0	64	02	7	10	1	1	5	Ac	9.5	-7.1	16.7	22	—	14	—	63	0	81	—	130
MATRUH	00	7	06	3	0	0	—	16.6	20.3	73	01	7	08	3	0	3	Cu	10.0	-4.6	18.5	21	-2	12	-1	84	0	122	157	131
DIKHEILA	00	8	02	4	0	0	—	16.6	20.0	77	05	5	06	2	1	4	Ac	11.4	—	19.6	20	—	15	—	81	0	94	—	150
ALEXANDRIA	00	9	04	4	0	0	—	16.0	22.3	63	02	9	08	2	2	5	Ac	10.7	-3.6	20.0	24	0	16	+1	74	0	165	182	132
DAMIETTA											02	8	04	1	0	5	Ac	10.7	—	21.8	22	—	15	—	72	0	70	103	159
PORT SAÎD	00	8	04	4	0	0	—	14.7	22.5	74	01	8	04	2	1	2	Ci	11.1	-1.9	21.2	28	+4	16?	0	74	0	64	75	134
EL 'ARÎSH	00	7	32	3	0	0	—	13.9	23.8	58	00	7	00	0	0	0	—	11.0	—	23.0	26	—	11?	—	43	0	130	88	135
LOWER EGYPT																													
DAMANHÛR											01	7	02	3	1	3	Ci	12.0	-2.3	20.0	28	+1	14	+3	76	0	29	99	136
MANSURA											01	7	02	1	1	3	Ac	11.0	—	20.2	29	+1	13	+1	64	0	46	51	137
TANTA	00	7	32	2	0	0	—	14.0	29.0	24	02	7	00	0	1	4	Cs	11.0	-3.9	18.5	30	+1	10?	-2	85	0	40	37	138
ZAGAZIG	00	8	02	3	0	0	—	13.9	28.4	33	08	4	18	2	4	9	Sc	10.7	—	15.8	28	0	12	+1	87	0	31	26	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	8	32	3	0	0	—	13.5	30.1	18	02	6	22	2	4	5	Cc	11.0	—	16.1	30	—	13	—	90	0	18	—	141
EZBEKIYA	00	6	00	0	1	0	—	13.1	30.2	26	08	5	00	0	4	4	Sc	10.7	-2.9	17.0	31	+2	13	-1	87	0	23	24	—
GÎZA	00	8	02	3	1	0	—	12.8	28.3	23	04	5	30	1	4	5	Ac	10.8	-3.4	16.5	33	+4	13	+2	87	0	23	25	—
HELWÂN	00	9	32	3	0	0	—	12.6	30.1	12	08	4	28	2	1	4	Ci	10.7	-3.2	16.3	31	+2	12	-2	75	0	26	27	143
SUEZ	00	9	30	1	0	0	—	12.6	30.2	22	02	7	32	1	1	5	Ac	10.4	-4.0	19.8	31	+3	14	-1	74	0	27	17	144
UPPER EGYPT																													
FAIYÛM	00	8	02	2	0	0	—	13.0	30.9	20	01	7	00	0	0	4	Cu	10.8	-3.4	18.0	31	+1	13	0	71	0	7	8	153
MINYA	00	8	02	3	0	0	—	12.0	30.8	18	01	6	22	1	0	3	Cu	10.3	-3.9	19.7	32	+1	12	-2	58	0	4	—	154
ASYÛT	01	8	30	3	1	4	As	11.2	31.4	22	00	6	04	1	0	0	—	11.0	-2.5	21.5	34	+2	14	-1	52	0	2	4	155
QENA	01	8	24	1	1	3	Cs	10.4	34.7	21	01	8	24	1	1	4	Cu	11.0	-2.1	23.3	36	0	13	-4	30	0	dr	—	156
LUXOR	01	8	22	2	0	2	Ci	10.6	34.2	20	02	8	02	1	1	4	Ci	11.4	—	24.0	36	—	13	—	33	0	dr	—	157
ASWÂN	00	7	00	0	0	0	—	8.3	35.9	13	00	7	00	0	0	0	—	10.2	-2.1	23.8	38	+2	18	-1	33	0	1	—	158
WESTERN DESERT																													
SÎWA	02	8	06	1	2	5	Cu	14.3	28.0	44	03	8	08	3	2	6	Cu	7.0	-7.9	21.0	30	0	17	+5	58	0	7	8	148
BAHARÎYA	02	9	00	0	0	0	—	12.6	33.0	16	00	9	00	0	0	0	—	11.0	—	22.0	33	—	14	—	43	0	1	—	149
KHÂRGA	00	8	00	0	0	0	—	9.6	32.8	26	00	8	00	0	0	0	—	10.7	-2.6	21.8	34	0	14	-1	40	0	dr	tr	151
DÂKHLA	00	6	30	1	1	2	Ci	11.8	32.2	15	01	6	06	1	1	2	Ci	11.2	-2.5	18.3	34	0	13	-1	33	0	dr	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	10.8	26.6	65	01	6	32	1	0	1	Cc	10.0	-2.8	22.0	28	0	13	-3	59	0	20	13	145
HURGHÂDA	00	9	02	2	0	0	—	10.6	27.8	51	00	9	32	2	0	0	—	10.8	-1.6	24.6	29	0	15	-1	32	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	11.9	26.0	69	01	7	26	1	0	1	Ci	10.6	-1.7	24.1	28	0	20	0	43	0	tr	6	147
PORT SUDAN	01	—	04	4	0	3	—	10	30	65	00	—	32	1	0	0	—	11.4	+0.6	29.2	31	-1	26	+4	59	0	81	108	169
NORTH SUDAN																													
WÂDI HALFA	01	8	32	3	0	1	—	8.4	36	20	00	8	24	1	0	0	—	10.1	-1.7	21.4	37	0	15	-3	49	—	—	—	165
KAREIMA	00	8	04	4	0	0	—	8.0	37	14	00	8	02	1	0	0	—	11.5	+1.1	24.0	38	-2	18	-3	26	0	1	1	166
ATBARA	09	—	30	2	0	—	—	5	39	10	00	—	06	2	0	0	—	10.6	+2.0	27.3	39	-1	19	-2	25	0	6	2	167
KHARTÛM	03	8	28	4	1	8	—	4.4	41	11	01	8	30	3	0	4	Cs	9.4	+1.3	27.4	41	0	20	-2	20	0	3	5	168
KASSALA	01	8	02	3	0	3	—	9.5	39	17	01	8	06	1	0	1	Ci	7.6	+0.2	26.7	39	-2	18	-5	37	0	16	12	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	32	3	1	5	—	4	39	—	01	—	32	4	0	4	—	8.0	+0.3	29.5	40	-1	16	-6	20	0	18	14	171
DUEIM	01	—	—	3	0	3	—	6	39	10	00	—	—	3	0	0	—	9.1	+0.8	28.4	40	-1	21	0	25	0	15	14	173
RENK	02	7	20	2	1	4	As	4.6	38	23									—			—		—				—	182
ROSEIRES	01	—	28	1	0	3	—	4	41	25	00	—	22	1	0	0	—	8.7	+1.1	30.8	42	+2	23	+1	55	0	41	50	172
EL OBEID	03	8	02	1	1	7	—	4.8	37	28	03	8	32	3	1	6	Ci	9.7	0.0	25.5	39	0	16	-4	26	0	13	22	174
EL FÂSHER	02	—	22	3	1	5	—	—	37	10	03	8	02	3	1	6	Cs	—	—	24.2	39	+1	16	-2	15	0	3	8	175
GENEINA	03	8	02	1	2	6	Cc	—	38	6	02	8	08	1	1	5	Cs	—	—	21.2	41	—	17	—	27	0	12	—	179
KADUGLI	18	4	12	5	3	4	—	4.4	38	23																		—	187
S. SUDAN																													
MALAKÂL											03	8	18	3	2	6	Cs	10.2	+0.9	28.0	38	0	25	+2	67	0	83	112	176
WAU	02	—	30	1	0	5	—	6	35	35	00	—	20	2	0	0	—	8.8	+0.1	26.5	36	-1	24	+2	66	0	167	212	177
JUBA	02	8	22	3	8	5	Ns	7.2	30	40	10	8	20	3	1	5	Sc	11.2	+1.0	24.0	31	-4	21	-1	75	dr	433	245	178

UPPER WINDS الرياح

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 7 h.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 6 h.	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JÛBA 6 h.	Salum 17th 13 h.
02 13 15	02 11 35	02 10 30	02 21 05	02 32 05	02 11 05	02 01 05	03 08 10	06 36 10	06 35 30	06 00 00	07 02 30	06 24 15	06 31 20	02 07 15
05 17 10	05 12 55	05 12 40	05 15 15	05 16 25	05 17 10	05 10 15	06 07 30	10 33 10	10 02 50	10 06 15	10 03 40	10 22 30	10 33 25	05 12 20
10 12 40	10 14 25	10 12 35	10 14 15	08 17 30	10 17 15	10 08 30	10 07 20	15 31 15	15 01 35	15 02 15	15 03 25	15 21 20	15 34 20	10 11 30
15 15 30	15 14 20	15 14 30	15 16 20	10 17 15	15 21 20	15 09 10	15 06 20	20 30 15	20 01 15	20 35 20	20 15 05	20 26 05	20 01 20	15 14 15
20 17 30	20 15 20	20 15 20	20 18 30	15 14 15	20 24 35	20 28 10	20 01 35	30 31 15	30 36 15	30 32 10		30 03 15	21 02 10	20 14 25
23 19 25		22 18 15		20 17 20			30 33 45	31 32 10	40 34 05					24 16 15
25 22 25				23 21 20			40 33 35		50 34 10					
30 23 45				25 22 20			50 29 50		56 33 10					
35 23 50				30 26 20			60 27 55							
40 22 50				40 25 40			65 27 50							

Forecast for 24 hours from noon on 18th
On the coast light easterly winds, veering to south and freshening. Inland light variable winds, becoming moderate southeast.
High cloud increasing. Moderate Khamsin conditions. Temperature well above normal.
Further outlook: Cooler within two days.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٨
رياح خفيفة شرقية على الساحل تتحول الى الجنوب وتشتد -
ورياح خفيفة مختلفة الاتجاه تتحول الى الجنوبية الشرقية معتدلة في الداخل
تكاثر السحب العالية - وحالة الطقس خماسينية معتدلة
وتفوق درجة الحرارة معدلها بكثير ثم يبرد الطقس في خلال يومين

STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp. °C on 17th	Diff. from normal
Alexandria	71	+4	16.9	+1.9
Ezbekîya	64	+12	16.2	+0.1
Gîza	64	+11	15.7	+0.3
Helwân	38	-3	14.4	+0.8

Gîza Grass minimum on 18th 10.0°C

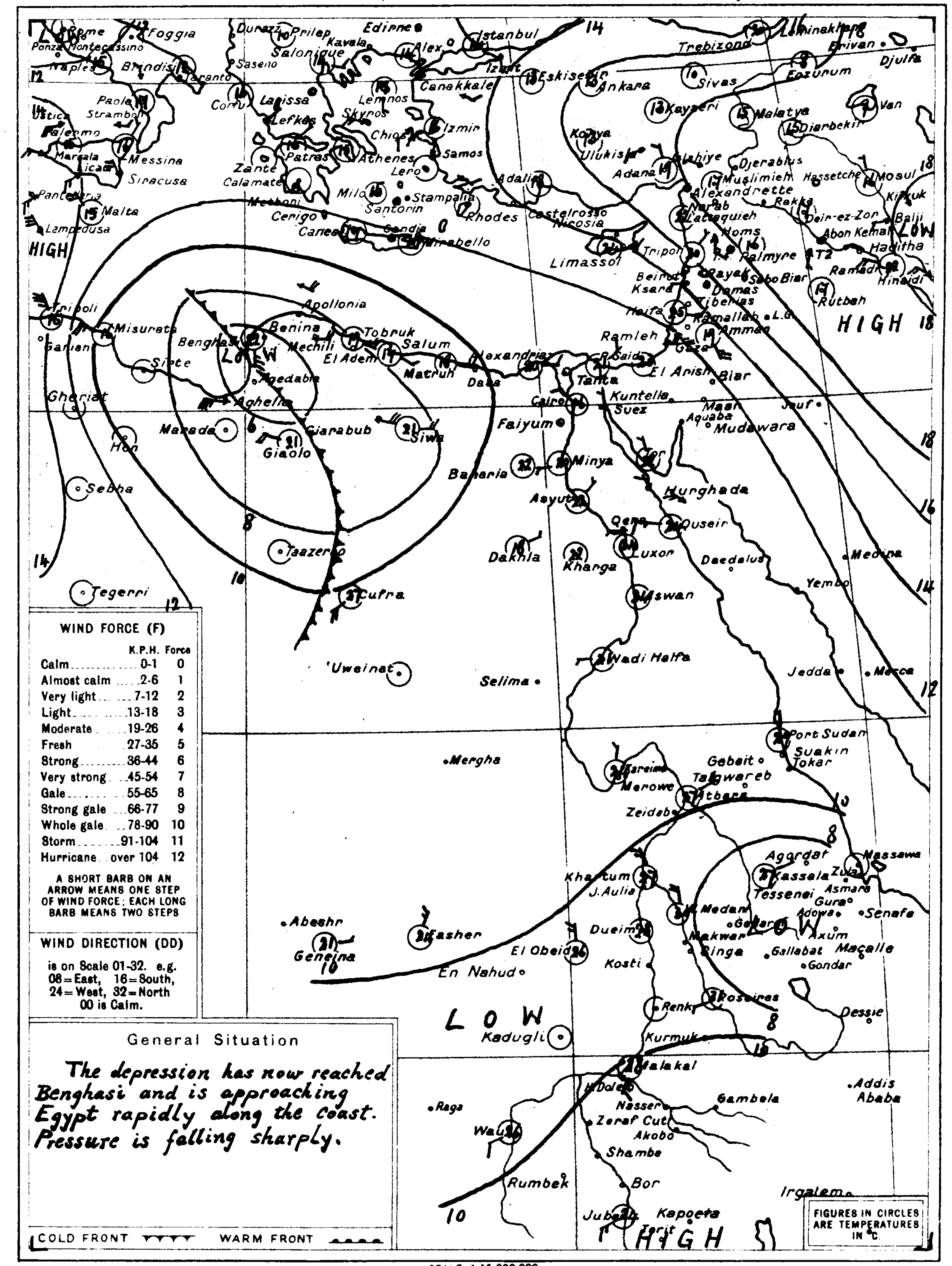
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
18-4	822	775
17-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-4	13.55	+0.22	13.36	+0.04
Nâsser	17-4	6.32	+0.85	6.34	+0.86
Malakâl	18-4	10.48	+0.38	10.45	+0.35
Roseires	17-4	12.00	+0.66	12.04	+0.70
Sennâr Res.	17-4	16.68	—	16.67	—
J. Aulia U.S	16-4	373.93	—	373.96	—
J. Aulia D.S	16-4	371.49	+0.63	371.49	+0.62
Khartûm	17-4	10.49	+0.20	10.48	+0.15
Kh. el Girba					
'Atbara	18-4	10.30	+0.32	10.30	+0.32
Kajnarti	17-4	132.65	+0.79	132.67	+0.82
Aswân Res.	18-4	120.23	—	120.21	—
Aswân D.S.	18-4	85.53	-0.05	85.53	-0.05
Rôda (Cairo)	18-4	15.79	+0.29	15.77	+0.27

Printed by the Survey & Mines Dept. 1938 (38/554)

١٨-٤-١٩٣٩. Isobars, Wind and Temperature at 8 h. 18-4-1939.



General Situation

The depression has now reached Benghasi and is approaching Egypt rapidly along the coast. Pressure is falling sharply.

At 8 h. on 18th الساعة ٨ يوم ١٨

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol	01	7	08	3	0	3	—	12.7	-0.1	24	—	—	—	—	—	0	603	432
Haifa	00	—	08	2	—	0	—	11.6	-0.6	24.9	31	+7	15	+2	21	0	548	635
Gaza	33	—	08	4	3	3	Ac	12.2	-0.5	29	—	—	12	0	25	—	—	370

SHIPS سفن

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CA'e of Sunrise 05 h 23 m
Ti.. Sunset 18 h 25 m

Month APRIL 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 18th الساعة ١٤ يوم ١٨ — At 8 h. on WEDNESDAY 19th الساعة ٨ يوم الاربعاء ١٩

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	05	5	10	6	4	4	St	3.8	19.2	79	03	6	26	5	3	6	Cu	5.8	-10.7	18.0	22	—	15	—	80	0	81	—	130
MATRUH	05	6	06	5	0	0	—	5.0	21.9	76	18	4	22	5	2	5	Cu	3.2	-11.4	18.4	22	-1	15	+2	79	0	122	157	131
DIKHEILA	00	8	02	4	0	0	—	8.3	20.7	53	18	5	22	7	3	0	—	6.3	—	20.8	27	—	18	—	50	0	94	—	150
ALEXANDRIA	00	9	04	4	0	0	—	8.0	23.7	64	00	9	20	7	0	0	—	4.7	-9.5	19.6	28	+4	19	+4	57	0	165	182	132
DAMIETTA											02	7	18	3	0	4	Ac	3.6	—	21.3	30	—	16	—	59	0	70	103	159
PORT SAÏD	00	8	04	2	1	0	—	8.6	24.4	74	01	8	20	5	1	3	Cs	6.8	-6.1	23.0	27	+3	20	+4	88	0	64	76	134
EL 'ARISH	01	7	12	1	1	4	Ci	8.3	33.6	29	05	6	24	2	1	5	Cu	7.0	—	26.5	38	—	—	—	25	0	130	88	135
LOWER EGYPT																													
MANHÛR											00	7	20	5	0	0	—	7.8	-6.4	22.2	28	+1	18	+6	42	0	29	99	136
MANSÛRA											01	7	18	2	1	3	Ac	6.2	—	21.2	34	+6	16	+4	46	0	46	51	137
TANTA	01	7	20	3	1	3	Ci	7.9	33.0	27	02	7	20	5	1	4	Cs	6.4	-8.5	21.5	34	+5	16	+3	50	0	40	38	138
ZAGÂZIG	00	8	20	3	0	0	—	8.2	33.6	18	02	7	20	4	1	4	Ci	7.8	—	22.7	34	+5	14	+2	44	0	31	26	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	18	3	1	3	Ci	8.3	34.0	17	05	5	18	4	2	8	Cs	8.4	—	24.1	35	—	16	—	37	0	18	—	141
CAIRO EZBEKIYA	01	8	16	2	1	3	Ci	7.9	33.8	16	05	5	16	2	1	8	Sc	8.0	-5.5	24.0	35	+6	16	+2	33	0	23	24	—
CAIRO GIZA	01	8	18	2	1	3	Ci	7.6	34.1	15	05	4	20	1	2	8	Cs	8.2	-6.0	23.5	35	+6	16	+5	42	0	23	25	—
HELWÂN	01	8	20	3	1	3	Ci	7.5	32.5	10	05	5	20	4	2	8	Cu	8.4	-5.4	23.9	35	+6	20	+6	31	0	26	27	143
SUEZ	01	9	16	1	1	3	Ci	8.0	30.2	18	03	6	12	1	2	8	As	7.4	-6.9	25.6	31	+2	18	+2	33	0	27	17	144
UPPER EGYPT																													
FAIYÛM	01	8	18	1	0	3	Cu	8.0	34.4	11	03	6	22	1	1	6	Sc	9.3	-4.8	22.4	35	+4	17	+4	39	0	7	8	153
MINYA	01	7	20	2	1	3	As	7.8	34.0	18	02	5	28	2	2	4	As	9.6	-4.5	25.2	35	+4	20	+6	32	0	4	—	154
ASYÛT	02	7	12	3	1	5	Cs	7.4	35.4	19	00	5	20	3	0	0	—	9.8	-3.6	25.7	38	+6	20	+5	30	0	2	4	155
QENA	02	8	10	2	2	5	Cu	8.0	35.8	18	02	7	16	2	1	4	Sc	9.3	-3.8	26.7	37	+1	19	+2	32	0	d	—	156
LUXOR	01	8	24	2	1	3	Ci	7.8	35.5	18	02	8	16	1	1	4	Ci	9.4	—	27.5	37	—	18	—	30	0	d	—	157
ASWÂN	00	7	00	0	0	0	—	6.4	38.7	13	00	7	00	0	0	0	—	9.0	-3.2	25.5	40	+4	20	+1	35	0	1	—	158
WESTERN DESERT																													
SÎWA	12	5	22	4	2	7	Sc	2.4	36.1	47	00	8	26	2	0	0	—	10.0	-4.9	19.2	36	+6	16	+4	87	0	7	8	148
BAHARIYA	02	9	00	0	1	4	—	6.7	36.0	13	00	9	24	1	0	0	—	9.3	—	22.0	37	—	18	—	43	0	1	—	149
KHARGA	00	8	04	1	0	0	—	7.0	34.8	24	00	8	00	0	0	0	—	11.1	-2.2	28.4	36	+2	19	+3	37	0	d	k	151
DÂKHLA	05	6	18	3	1	4	Ci	7.6	38.0	12	05	5	26	4	1	4	Ci	10.7	-2.9	26.0	39	+4	18	+3	33	0	d	—	152
RED SEA																													
TÔR	01	6	28	2	0	3	Cb	7.6	31.0	40	01	6	16	5	1	4	As	7.2	-5.5	28.0	35	+7	22	+6	51	0	20	13	145
HURGHÂDA	00	9	10	2	0	0	—	8.4	30.6	25	02	8	12	3	0	5	Cu	6.7	-5.6	25.0	32	+3	23	+7	48	0	1	—	146
QUṢEIR	01	7	04	2	0	1	Ci	9.6	25.9	76	02	7	10	2	1	5	As	9.1	-3.1	24.6	29	+1	23	+3	80	0	k	6	147
PORT SUDAN	01	—	08	2	0	3	—	9	30	75	00	—	08	1	0	0	—	11.0	+0.2	28.8	32	0	26	+4	74	0	81	108	169
NORTH SUDAN																													
WADI HALFA	00	8	28	1	0	0	—	6.5	38	13	00	8	08	1	0	0	—	8.7	-3.1	25.1	40	+3	17	-1	34	—	—	—	165
KAREIMA	00	8	32	2	0	0	—	6.1	38	16	00	8	04	2	0	0	—	10.9	+0.5	25.0	39	-1	18	-3	28	0	1	1	166
'ATBARA	01	—	26	2	0	3	—	5	39	10	00	—	06	2	0	0	—	9.4	+0.8	29.5	39	-1	20	-1	33	0	6	2	167
KHARTÛM	03	8	02	2	1	7	—	4.2	41	8	01	8	02	2	1	4	Ci	8.5	+0.4	28.5	42	+1	21	-1	14	0	3	5	168
KASSALA	00	8	28	3	0	0	—	1.8	40	15	00	8	02	2	0	0	—	7.9	+0.6	27.0	40	-1	21	-2	31	0	16	12	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	30	5	0	3	—	3	41	—	00	—	04	4	0	0	—	7.2	-0.5	30.6	41	-1	16	-6	18	0	18	14	171
DUEIM	01	—	—	3	0	3	—	5	40	—	00	—	—	3	0	0	—	8.7	+0.4	28.6	41	0	20	-1	17	0	15	14	173
RENK	01	7	30	2	1	4	Ac	4.3	40	15									—			—		—				—	182
ROSEIRES	01	—	26	1	0	3	—	4	40	35	00	—	14	1	0	0	—	8.7	+1.1	29.2	41	+1	23	+1	62	0	41	51	172
EL OBEID	03	8	24	1	1	6	—	4.5	37	18	01	8	32	1	0	4	Ci	8.4	-1.3	26.6	39	0	15	-5	15	0	13	22	174
EL FÂSHER	02	—	10	1	1	5	—	—	37	—	02	4	02	1	1	5	Cs	—	—	21.4	38	0	17	-1	20	0	3	8	175
GENEINA	01	8	30	1	3	4	Cu Ac	—	37	14	01	8	28	2	1	4	Ac	—	—	23.4	40	—	19	—	18	0	12	—	179
KADUGLI	01	7	20	5	0	3	Cu	6.2	38	23																		—	187
S. SUDAN																													
MALAKÂL	03	8	20	3	2	6	Cu	4.6	36	35	02	8	18	3	2	5	Ac	10.7	+1.4	27.0	38	0	25	+2	69	0	83	113	176
WÂU	02	—	04	1	0	5	—	5	35	35	01	—	16	2	0	4	—	7.9	-0.8	27.8	37	0	25	+3	58	0	167	214	177
JÛBA	03	8	12	3	8	7	Sc	100	26	62	02	8	20	2	1	5	Sc	10.9	+0.7	23.9	29	-6	21	-1	75	d	433	249	178

UPPER WINDS الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 8 h. m.	CAIRO 8 h.30 m.	HELWAN 8 h.39 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 6 h. m.	KHARTUM 6 h. m.	KASSALA 7 h. m.	EL OBEID 6 h. m.	MALAKAL 7 h. m.	JUBA 6 h. m.	Salum 13 h. m.
02.30.25	02.25.55	02.24.55	02.24.45	02.24.20	02.30.20	05.15.16	03.14.15	02.23.15	06.04.35	06.00.00	07.03.30	06.17.20	06.11.05	02.07.20
04.32.35		05.24.90	05.25.30	05.22.20	05.31.30	10.36.05	06.11.25	10.22.05	10.03.25	10.00.00	10.04.30	10.19.30	10.11.05	04.08 —
Ent. Cu.		09.24.40	10.23.55	08.22.35	10.29.35	15.36.15	10.11.10	15.18.05	15.01.15	15.07.30	15.03.15	15.25.15		05.14.20
				10.23.45	15.25.35	20.32.15	15.02.15	20.09.35	20.02.05	20.36.40	20.32.15	20.35.20		10.12.60
				15.23.75			20.01.30	30.08.40	30.18.25	30.30.25	30.31.10	30.02.25		15.14.50
				17.23.110			30.35.30		40.26.15			40.09.25		16.14.40
									50.09.10			50.09.30		
									60.11.30			60.10.15		
									70.16.10			63.09.15		
									80.21.10					

Forecast for 24 hours from noon on 19th

On the coast strong southwest winds at times of gale force, veering to west-northwest and decreasing in strength tomorrow. Inland fresh to strong southwest winds, veering to northwest and moderating. Some low cloud later, possibly with rain in Eastern Egypt. Cooler tomorrow.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٩ تشتد الرياح الجنوبية الغربية على السواحل ثم تتحول الى غرب الشمال الغربي وبعدها تهبط سرعتها غدا ورياح نشيطة والشديدة جنوبية غربية في الداخل تتحول فيما بعد الى الشمال الغربي وتقل سرعتها يظهر بعض السحب المنخفض وربما تكون مصحوبة بمطر في الوجه الشرقي مصر وبرد (الطقس غدا)

STATION	Mean of day Humidity % on 18th	Diff. from normal	Wet bulb temp °C on 18th	Diff. from normal
Alexandria	64	-3	18.4	+3.4
Ezbekiya	52	0	16.7	+0.5
Giza	52	-1	16.7	+1.2
Helwân	38	-3	14.8	+1.1

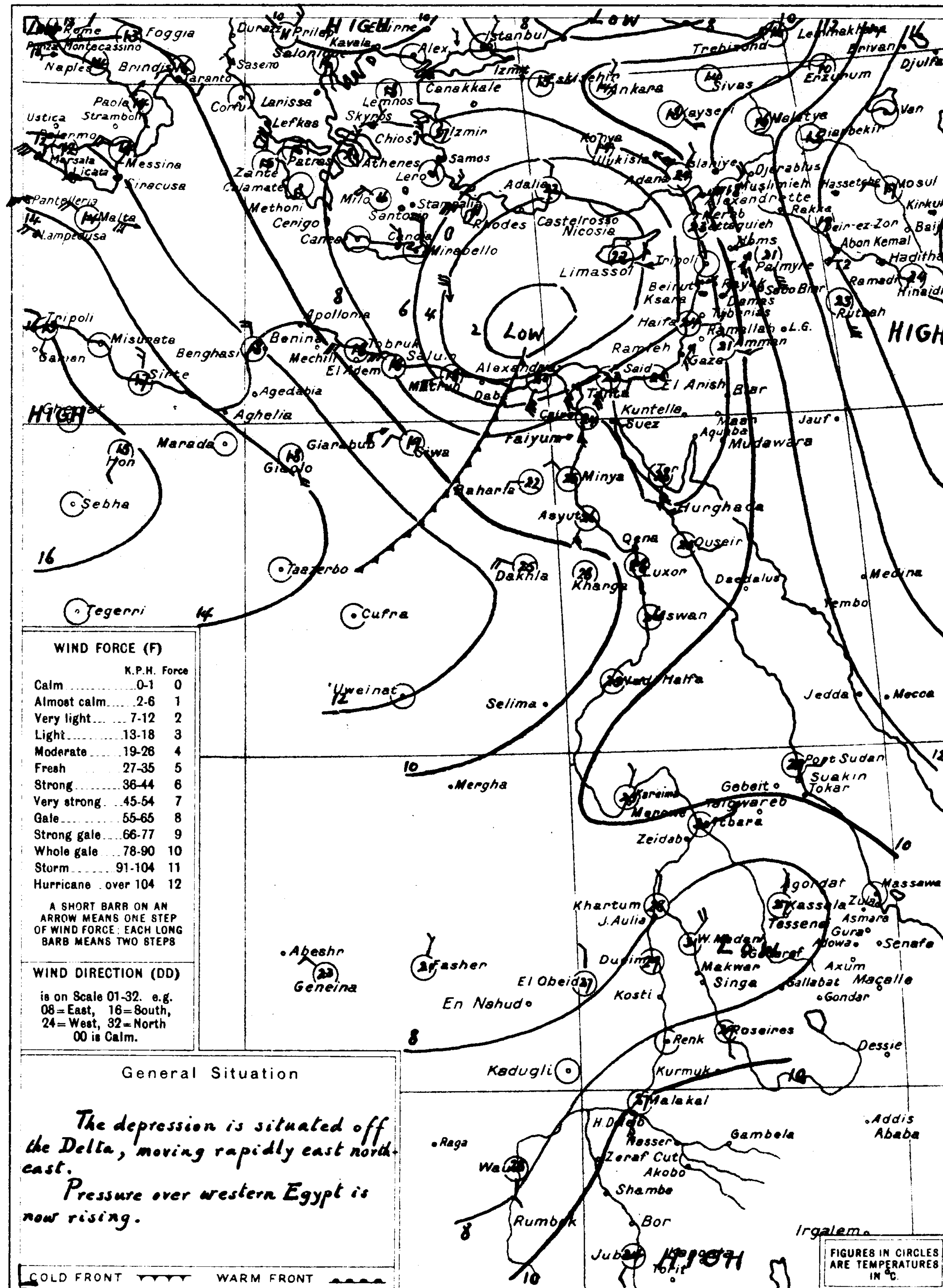
Giza Grass minimum on 19th 12.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
19-4	822	776
18-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18-4	13.59	+0.25	13.55	+0.22
Nasser	18-4	6.25	+0.77	6.32	+0.85
Malakâl	19-4	10.51	+0.41	10.48	+0.38
Roseires	19-4	11.90	+0.58	11.95	+0.62
Sennâr Res	18-4	16.68	—	16.68	—
J. Aulia U.S	18-4	373.80	—	373.85	—
J. Aulia D.S	18-4	371.56	+0.64	371.50	+0.64
Khartûm	18-4	10.53	+0.29	10.49	+0.26
Kh. el Girba					
'Atbara	18-4	10.30	+0.32	10.30	+0.32
Kajnarti	18-4	132.65	+0.79	132.66	+0.79
Aswân Res.	19-4	120.26	—	120.23	—
Aswân D.S.	19-4	85.53	-0.05	85.53	-0.05
Rôda (Cairo)	19-4	15.79	+0.29	15.79	+0.29

٣٩-٣-١٩ Isobars, Wind and Temperature at 8 h. 19-4-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

The depression is situated off the Delta, moving rapidly east north-east.

Pressure over western Egypt is now rising.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

Kms. 200 100 0 200 400 600 Kms. SCALE 1:15,000,000

At 8 h. on 19th الساعة ٨ يوم ١٩

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	5	10	3	2	8	—	3.8	-9.0	22	—	—	—	—	—	0	603	433
Haifa	03	—	08	2	—	7	—	7.0	-5.1	24.2	34	+10	21	+8	25	0	548	636
Gaza	03	6	20	3	3	3	As	8.0	-4.7	25	—	—	—	—	35	—	—	370
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise h. 05 m. 23

" " Sunset h. 18 m. 25

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month APRIL, 1939 ١٩٣٩ شهر ابريل

At 14 h. on 19th الساعة ١٤ يوم ١٩ — At 8 h. on THURSDAY 20th الساعة ٨ يوم الخميس ٢٠

	STATION	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP	Diff. mbs.	Dry Bulb TTT	Max Yesterday MM	Diff. from norm.	Min Today mm	Diff. from norm.	UU	Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	[illegible]M	05	7	02	5	0	0	—	9.1	22.4	46	00	7	30	4	0	0	—	15.5	-1.0	16.7	25	—	14	—	73	0	81	—	130
	[illegible]RUH	14	6	26	6	0	0	—	8.4	19.8	87	02	7	24	3	1	5	—	15.2	+0.6	17.0	23	0	12	-1	89	0	122	157	131
	DIKHEILA	05	6	24	7	3	0	—	7.5	20.6	77	00	7	24	2	0	0	—	15.0	—	19.2	24	—	16	—	83	0	94	—	150
	ALEXANDRIA	00	9	20	6	0	0	—	7.0	21.5	66	00	9	24	1	0	0	—	14.6	+0.4	19.2	27	+3	17	+2	78	0	165	182	132
	DAMIETTA											00	8	28	3	0	0	—	13.3	—	20.0	27	—	14	—	78	0	70	10.4	159
	PORT SAÎD	05	6	20	6	1	0	—	6.8	29.2	43	01	6	20	3	1	3	Cs	13.4	+0.5	18	—	—	—	—	90	0	64	76	134
	EL 'ARÎSH	12	6	04	2	1	0	—	7.6	25.5	42	03	7	20	1	1	6	Cu	14.2	—	19.2	27	—	15	—	79	0	130	88	135
LOWER EGYPT	DAMANHÛR											00	7	28	2	0	0	—	14.7	+0.5	21.0	25	-3	12	0	67	0	29	99	136
	MANSURA											00	8	24	1	0	0	—	13.8	—	20.0	29	+1	13	0	71	0	46	51	137
	TANTA	30	—	24	6	3	0	—	7.0	28.5	31	00	7	28	2	0	0	—	15.0	+0.2	19.0	29	-1	11	-2	72	0	40	38	138
	ZAGÂZIG	00	8	20	6	0	0	—	7.5	29.4	24	00	7	20	2	0	0	—	16.4	—	20.6	29	0	12	0	71	0	31	26	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	05	6	20	8	2	2	Cs	8.2	30.0	30	05	6	00	0	0	0	—	15.5	—	18.0	31	—	15	—	77	0	18	—	141
	EZBEKÎYA	05	6	20	5	1	0	—	8.0	29.8	19	00	6	26	1	0	0	—	14.8	+1.3	19.4	31	+2	15	+1	71	0	23	24	—
	GIZA	00	6	18	4	2	0	—	7.5	31.5	22	00	7	30	1	0	0	—	15.1	+0.9	19.0	32	+3	12	+1	75	0	23	25	
	HELWÂN	05	6	20	5	1	0	—	8.0	28.4	16	05	5	28	1	0	0	—	15.2	+1.4	17.6	30	+1	13	-2	72	0	26	27	143
	SUEZ	02	8	16	2	1	4	Ac	7.6	31.3	24	00	7	02	2	0	0	—	14.4	+0.2	19.1	33	+4	15	-1	69	0	27	17	144
UPPER EGYPT	FAIYUM	00	7	18	4	0	0	—	9.0	30.3	16	00	7	02	2	0	0	—	15.2	+1.1	19.0	31	0	13	0	64	0	7	8	153
	MINYA	02	7	24	4	1	5	Cs	9.4	32.0	14	00	6	26	2	0	0	—	14.3	+0.2	20.7	32	+1	15	+1	54	0	4	—	154
	ASYUT	00	5	22	3	0	0	—	9.5	32.8	18	00	5	22	3	0	0	—	13.5	+0.9	21.7	33	+1	17	+2	48	0	2	4	155
	QENA	03	7	22	2	2	8	As	8.0	36.8	13	00	8	22	1	0	0	—	11.8	-1.2	24.8	38	+2	19	+2	36	0	dr	—	156
	LUXOR	03	8	24	3	2	8	Cs	8.4	36.2	20	00	8	14	1	0	0	—	12.4	—	27.2	37	—	17	—	34	0	dr	—	157
	ASWÂN	00	7	00	0	0	0	—	6.0	41.6	11	00	7	32	3	0	0	—	11.4	-0.8	25.6	42	+5	23	+4	20	0	1	—	158
WESTERN DESERT	SÎWA	00	8	26	3	0	0	—	10.6	25.8	56																		8	148
	BAHARÎYA	00	9	24	2	0	0	—	8.3	29.0	24	00	9	00	0	0	0	—	15.1	—	20.0	32	—	12	—	55	0	1	—	149
	KHÂRGA	00	8	32	2	0	0	—	7.8	37.2	32	00	8	32	3	0	0	—	14.6	+1.4	24.2	37	+2	17	+1	51	0	dr	tr	151
	DÂKHLA	00	5	30	4	0	0	—	10.3	32.0	28	00	6	26	1	0	0	—	14.4	+0.9	22.4	33	-2	17	+2	46	0	dr	—	152
RED SEA	TÔR	00	5	16	6	1	0	—	7.4	31.1	48	00	4	28	5	0	0	—	11.1	-1.6	23.5	33	+5	19	+3	83	0	20	13	145
	HURGHÂDA	02	8	12	3	1	5	Cs	8.2	28.7	39	00	9	30	4	0	0	—	11.6	-0.7	26.2	29	0	20	+4	35	0	1	—	146
	QUSEIR	02	7	12	2	1	5	As	8.6	26.6	76	01	7	02	2	0	1	Ci	11.0	-1.2	26.0	27	-1	20	0	55	0	tr	7	147
	PORT SUDAN	01	—	08	2	0	3	—	9	31	55	03	—	16	1	1	7	—	11.0	+0.3	28.5	32	0	26	+4	80	0	81	108	169
NORTH SUDAN	WÂDI HALFA	00	9	32	3	0	0	—	6.9	41	19	00	7	32	2	0	0	—	10.0	-1.7	25.5	41	+4	22	+4	13	—	—	—	165
	KAREIMA	00	8	00	0	0	0	—	6.5	40	12	00	8	04	1	0	0	—	10.7	+0.4	27.0	41	+1	23	+9	15	0	1	1	166
	'ATBARA	01	—	28	2	0	3	—	5	39	10	00	—	—	2	0	0	—	8.8	+0.3	30.5	41	+1	22	+1	18	0	6	2	167
	KHARTÛM	01	8	04	2	1	3	—	3.3	42	9	00	8	04	2	0	0	—	7.5	-0.6	29.4	43	+2	23	+1	19	0	3	5	168
	KASSALA	00	8	30	3	0	0	—	—	40	12	00	8	08	2	0	0	—	5.2	-2.1	31.7	41	0	23	0	28	0	16	12	170
CENTRAL SUDAN	WAD MEDANI	01	—	06	4	—	3	—	3	41	—	00	—	06	3	0	0	—	7.2	-0.4	30.5	42	0	22	0	16	0	18	14	171
	DUEIM	01	—	—	3	0	3	—	4	39	10	00	—	—	3	0	0	—	7.4	-0.9	29.4	41	0	22	+1	21	0	15	14	173
	RENK	02	8	14	2	1	5	—	—	—	—									—			—		—					182
	ROSEIRES	01	—	16	1	0	3	—	3	40	25	01	—	12	1	0	4	—	7.1	-0.5	32.7	41	+1	24	+2	50	0	41	51	172
	EL OBEID	01	8	00	0	0	4	—	3.3	39	11	00	8	00	0	0	0	—	8.4	-1.3	27.3	39	0	19	-1	15	0	13	22	174
	EL FASHER	01	—	08	3	1	3	—	—	38	10	01	8	32	1	0	4	Cs	—	—	22.0	40	+2	16	-2	16	0	3	8	175
	GENEINA	01	8	24	2	0	4	Cu	—	39	14	01	8	00	0	1	4	Cs	—	—	23.0	41	—	17	—	38	0	12	—	179
	KADUGLI																													187
S. SUDAN	MALAKÂL	01	8	16	2	1	3	Cu, Ac	5.1	37	24	03	8	20	3	2	6	Cs, Ac	9.0	-0.4	28.1	38	0	25	+2	61	0	83	113	176
	WAU	01	—	24	3	1	3	—	—	36	35	03	—	20	1	6	7	—	9.0	+0.3	24.0	36	-1	21	-1	79	4	171	216	177
	JÛBA	01	8	32	2	0	4	Cu	6.0	33	44																		253	178

UPPER WINDS الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7h.	MATRUH	DIKHEILA 8h.	CAIRO 8h.30m.	HELWÂN 8h.30m.	ASYÛT 7h.	ASWÂN 7h.	WÂDI HALFA 4h.	KAREIMA 4h.	KHARTÛM 7h.	KASSALA 5h.	EL OBEID 6h.	MALAKÂL 7h.	JÛBA	Geneina 7h.
02.33.20		02.34.30	02.04.05	02.36.10	02.29.05	02.36.25	03.01.25	06.02.15	06.03.40	06.05.15	07.33.20	06.24.10		10.13.10
05.05.15		05.35.30	05.36.25	05.02.20	05.02.25	05.01.25	06.04.50	10.02.15	10.02.30	10.04.25	10.33.25	10.23.40		15.11.25
07.11.05		10.32.30	10.34.30	08.35.40	10.36.30	10.01.25	10.04.30	15.36.20	15.36.25	15.01.25	15.34.25	15.25.15		20.10.30
08.09.05		15.34.30	15.32.15	10.35.30	15.34.25	15.31.10	15.35.05	20.34.20	20.01.15	20.02.20	20.02.25	20.35.15		30.05.05
10.02.15		20.31.30	20.33.25	15.33.25			20.31.15	21.34.20	25.32.05	30.07.05		30.01.25		40.21.20
15.02.30		25.30.35		20.32.25			30.26.10		30.21.15	40.17.15		40.05.25		50.25.10
17.33.15		30.31.35		23.32.20			38.31.20		40.18.20			50.09.35		60.27.35
20.30.25		33.30.30							50.27.05			51.09.35		70.35.10
25.30.25									60.28.05					
28.30.30									70.20.20					

Forecast for 24 hours from noon on 20th

On the coast moderate northwest winds.
Inland light northwest winds, becoming moderate north to northeast later.
Occasional medium cloud.
Temperature about normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٠
رياح معتدلة شمالية غربية على الساحل - ورياح خفيفة شمالية غربية فى الداخل تتحول الى شمالية - أو شمالية شرقية معتدلة فيما بعد
تظهر بعض السحاب الوسط.
ودرجة الحرارة حول المعدل.

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet bulb temp °C on 19th	Diff. from normal
Alexandria	69	+2	16.4	+1.3
Ezbekîya	39	-13	16.2	-0.1
Gîza	45	-8	17.0	+1.3
Helwân	34	-7	15.2	+1.4

Gîza Grass minimum on 20th 7.4 °C

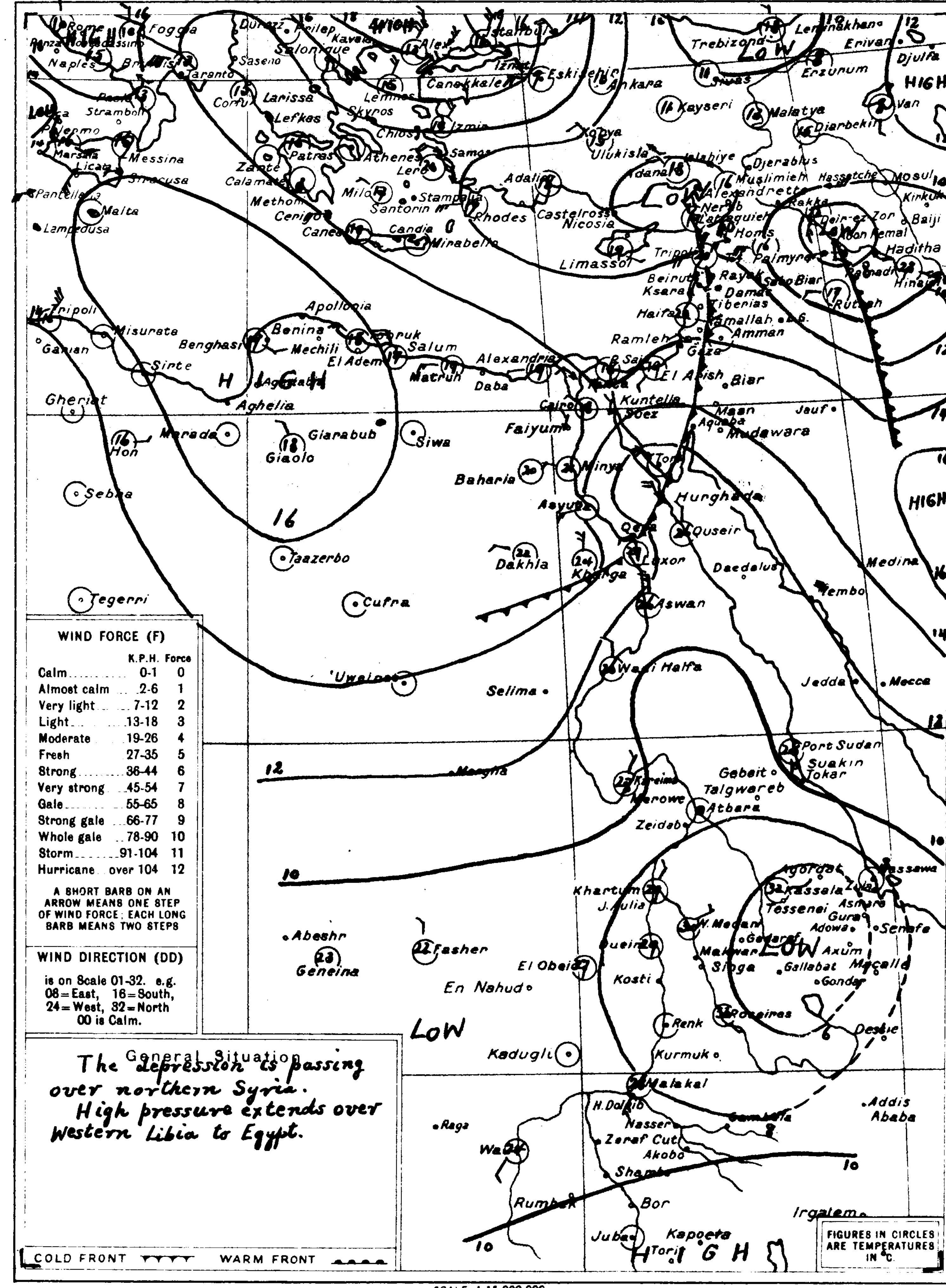
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
20-4	822	775
19-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19.4	13.66	+0.31	13.59	+0.25
Nasser	19.4	6.14	+0.69	6.25	+0.79
Malakâl	20.4	10.53	+0.43	10.51	+0.41
Roseires	20.4	11.88	+0.57	11.90	+0.58
Sennâr Res.	19.4	16.66	—	16.68	—
J. Aulia U.S	19.4	373.75	—	373.80	—
J. Aulia D.S	19.4	371.48	+0.62	371.50	+0.64
Khartûm	19.4	10.56	+0.34	10.53	+0.29
Kh. el Girba					
'Atbara	19.4	10.30	+0.32	10.30	+0.32
Kajnarti	19.4	132.65	+0.79	132.65	+0.79
Aswân Res.	20.4	120.23	—	120.26	—
Aswân D.S.	20.4	85.53	-0.05	85.53	-0.05
Rôda (Cairo)	20.4	15.79	+0.29	15.79	+0.29

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 20-4-39 ٢٠-٤-٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North. 00 is Calm.

General Situation

The depression is passing over northern Syria.
High pressure extends over Western Libia to Egypt.

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 20th الساعة ٨ يوم ٢٠

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max Yesterday MM	Diff. from norm.	Min Today mm	Diff. from norm.	% Humidity UU	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	12	1	0	0	—	11.0	-1.8	19	—	—	—	—	—	0	603	434
Haifa	01	—	10	2	—	3	—	12.7	+0.7	21.6	27	+2	18	+5	75	0	548	636
Gaza	02	8	26	1	0	4	Cu	13.8	+1.2	19	—	—	15	+3	75	—	—	370
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise 05 h 22 m

" " Sunset 18 h 26 m

Month APRIL 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	14h 20th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h FRIDAY 21st ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	Humidity % UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
[illegible]	00	8	02	3	0	0	—	16.4	21.0	34	00	8	16	2	0	0	—	17.2	+0.7	21.1	22	—	14	—	31	0	84	—	130
[illegible]RUH	00	7	30	3	0	0	—	15.5	19.7	82	00	7	14	2	0	0	—	16.7	+2.2	23.6	20	-3	12	-2	29	0	122	157	131
[illegible]ILA	00	8	28	2	0	0	—	16.3	19.8	87	09	7	00	0	0	3	St	18.4	—	17.0	21	—	11	—	82	0	94	—	150
ALEXANDRIA	00	9	28	4	0	0	—	15.6	21.9	67	00	9	00	0	0	0	—	18.2	+4.0	19.3	24	0	16	+1	81	0	165	182	132
DAMIETTA											00	8	22	2	0	0	—	17.6	—	19.5	23	—	12	—	81	0	70	104	159
PORT SAID	00	8	28	3	1	0	—	13.3	23.2	62	00	8	28	2	0	0	—	16.8	+3.9	19.5	23	-1	16	0	82	0	64	76	134
EL ARISH	00	7	32	4	1	0	—	14.6	21.2	77	01	7	22	1	1	2	Cu	17.4	—	21.3	22	—	14	—	74	0	130	89	135
DAMANHUR											00	7	32	1	0	0	—	18.3	+4.1	21.2	26	-2	12	0	66	0	29	99	136
MA[illegible]URA											00	8	02	1	0	0	—	17.4	—	19.5	29	+1	12	-1	72	0	46	51	137
[illegible]TA	00	7	28	3	0	0	—	14.3	28.5	26	00	7	00	0	0	0	—	18.3	+3.5	20.0	29	-1	10	-3	55	0	40	38	138
Z[illegible]G	00	8	28	3	0	0	—	14.2	29.6	26	00	7	28	2	0	0	—	18.7	—	19.1	30	+1	10	-2	72	0	31	26	139
ALMAZA	00	8	28	2	0	0	—	14.3	28.8	43	01	7	00	0	0	1	Sc	18.0	—	18.6	30	—	14	—	71	0	18	—	141
EZBEKIYA	00	8	28	2	0	0	—	13.9	29.4	24	05	5	32	2	0	0	—	17.9	+4.5	19.0	30	+1	14	0	66	0	23	24	—
GIZA	00	8	32	3	0	0	—	13.8	29.1	31	05	5	02	2	0	0	—	18.2	+4.1	20.0	29	0	10	-1	72	0	23	25	—
HELWAN	05	7	28	5	0	0	—	13.3	28.3	20	05	6	30	1	0	0	—	17.9	+4.2	18.2	29	0	13	-2	56	0	26	27	143
SUEZ	00	9	32	3	0	0	—	13.4	25.0	43	00	7	32	2	0	0	—	17.4	+3.3	19.1	30	+1	15	-1	74	0	27	17	144
FAIYUM	00	8	02	2	0	0	—	13.5	29.4	17	00	8	02	2	0	0	—	17.9	+3.9	19.8	30	-1	14	+1	57	0	7	8	153
MINYA	00	8	30	3	0	0	—	13.1	30.7	14	00	5	32	2	0	0	—	17.0	+3.0	19.3	31	0	13	-1	51	0	4	—	154
ASYUT	00	7	30	3	0	0	—	12.0	31.6	15	00	6	22	3	0	0	—	16.2	+2.9	21.1	33	+1	15	-1	49	0	2	4	155
QENA	00	8	26	2	0	0	—	10.2	35.7	16	00	8	30	1	0	0	—	14.4	+1.5	22.3	37	+1	18	+1	39	0	d	—	156
LUXOR	00	8	22	1	0	0	—	10.4	34.8	21	00	8	26	2	0	0	—	14.4	—	24.5	36	—	16	—	40	0	d	—	157
ASWAN	00	7	30	4	0	0	—	8.4	37.0	9	00	7	32	2	0	0	—	13.1	+1.0	22.0	38	+1	20	+1	19	0	1	—	158
SIWA	00	8	00	0	0	0	—	15.0	31.8	46	00	8	00	0	0	0	—	17.5	+2.7	20.0	33	+3	12	-1	64	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	14.7	30.5	21	00	9	00	0	0	0	—	17.5	—	19.5	31	—	12	—	43	0	1	—	149
KHARGA	00	8	04	2	0	0	—	12.2	35.1	37	00	8	02	3	0	0	—	15.0	+1.8	24.5	35	0	20	+4	53	0	d	t	151
DAKHLA	05	6	30	3	0	0	—	13.3	30.9	32	00	6	00	0	0	0	—	15.9	+2.4	24.0	33	-2	15	0	39	0	d	—	152
TOR	00	5	28	5	0	0	—	10.4	27.0	69	00	6	28	4	0	0	—	13.5	+0.9	24.0	28	0	20	+4	72	0	20	13	145
HURGHADA	00	9	02	4	0	0	—	10.7	27.8	40	00	9	30	3	0	0	—	14.0	+1.8	24.8	30	+1	18	+2	17	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	11.0	26.0	73	00	7	32	4	0	0	—	13.6	+1.4	25.6	28	0	21	+1	46	0	t	6	147
PORT SUDAN	01	—	08	2	0	3	—	9	30	85	02	—	32	1	1	5	—	11.8	+1.1	29.5	33	+1	28	+6	76	0	81	108	169
WADI HALFA	05	7	32	5	3	0	—	7.5	39	9	00	8	32	2	0	0	—	12.5	+0.8	25.2	40	+3	20	+2	16	—	—	—	165
KAREIMA	00	8	32	3	0	0	—	5.7	41	12	00	8	32	1	0	0	—	11.1	+0.8	28.0	43	+3	23	+2	22	0	1	1	166
ATBARA											00	—	06	2	3	0	—	9.3	+0.8	32.6	42	+2	23	+2	28	0	6	2	167
KHARTUM	00	8	32	2	0	0	—	3.3	44	7	18	7	04	4	0	3	Ci	8.2	+0.1	31.6	44	+3	25	+2	19	0	3	5	168
KASSALA	00	8	32	3	0	0	—	4.8	41	14	00	8	08	2	0	0	—	5.3	-2.0	32.5	41	0	23	0	39	0	16	12	170
WAD MEDANI	01	—	32	3	0	3	—	—	41	—	00	—	20	3	0	0	—	7.5	-0.1	31.6	43	+1	21	-1	15	0	18	14	171
DUEIM	01	—	—	2	0	3	—	4	41	10	00	—	—	3	0	0	—	8.2	-0.1	27.8	43	+2	23	+2	36	0	15	14	173
RENK	01	7	18	2	1	4	Cu	—	—	—										—								—	182
ROSEIRES	01	—	26	1	0	3	—	4	41	35	00	—	14	1	0	0	—	8.0	+0.3	30.9	42	+2	26	+4	51	0	41	52	172
EL OBEID	01	8	00	0	0	4	—	3.9	39	9	01	8	18	1	0	3	Ci	8.7	-0.9	29.0	41	+2	21	+1	40	0	13	22	174
EL FASHER	01	—	04	3	0	3	—	—	38	—	01	8	30	3	0	3	Ci	—	—	23.0	39	+1	18	-1	18	0	3	8	175
GENEINA	06	8	24	2	1	2	Cu	—	36	18	01	8	08	1	0	3	Ac	—	—	23.0	41	—	16	—	12	0	12	—	179
KADUGLI	01	7	20	3	2	2	Cu	4.7	39	21																		—	187
MALAKAL	02	8	20	4	2	5	Cu	5.4	36	43	01	8	16	3	1	2	Ci, Ac	10.4	+1.0	26.6	37	-1	22	-1	66	d	83	114	176
WAU	03	—	20	3	1	7	—	6	33	45	00	—	16	1	0	0	—	8.5	-0.3	25.2	35	-2	22	0	73	0	167	218	177
JUBA	28	8	20	2	1	7	Sc	11.5	23	83	01	8	20	2	0	3	Ac	11.6	+1.3	23.0	25	-10	19	-3	83	10	458	257	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH	DIKHEILA 8 h.	CAIRO 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 7 h.	Salum 20th 13 h.
02.15.05		02.35.05	02.04.15	02.34.05	02.36.10	02.36.25	03.04.25	06.36.10	06.02.45	06.06.10	07.18.25	06.19.25	06.28.15	02.02.15
05.14.—		05.36.20	05.03.30	05.02.20	05.02.40	05.01.25	06.03.35	10.33.10	10.04.50	10.05.10	10.23.10	10.18.45	10.29.15	04.02.10
10.15.10		10.01.25	10.04.35	08.04.35	10.01.40	10.04.30	07.02.40	15.31.15	15.03.45	15.04.15	15.19.20	15.21.25	15.30.20	05.33.05
11.18.05		15.02.20	15.04.15	10.04.40	15.34.40	15.32.15		20.30.15	20.02.45	20.04.15		20.33.15	20.33.10	10.35.10
12.20.10		20.32.10	20.01.20	15.04.40	20.34.40			30.31.15	25.04.25	30.03.40		30.04.40	30.36.05	15.00.00
15.24.10		25.33.20	23.36.25	20.01.30				31.32.10	30.04.30	40.25.25		40.08.45		20.31.10
20.29.15		30.33.20		23.01.30					40.24.05	50.23.15		47.09.45		25.31.10
25.31.20				25.36.30					50.10.10	60.24.05				30.33.10
30.32.25									60.15.15	70.20.10				35.25.20
40.31.30									70.31.10	80.19.20				40.27.45

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 20th	Diff. from normal	Wet Bulb Temp °C on 20th	Diff. from normal
Alexandria	72	+5	16.9	+1.7
Ezbekiya	52	0	16.3	-0.1
Giza	54	+1	16.6	+0.8
Helwan	43	+2	14.6	+0.7

Giza Grass minimum on 21st 6.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
21-4	880	787
20-4	822	775

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	21-4	13.78	+0.42	13.60	+0.24
Nasser	21-4	5.92	+0.48	6.03	+0.59
Malakal	21-4	10.54	+0.44	10.53	+0.43
Roseires	21-4	11.84	+0.54	11.88	+0.67
Sennar Res	19-4	16.66	—	16.68	—
J. Aulia U.S	21-4	373.60	—	373.72	—
J. Aulia D.S	21-4	371.51	+0.65	371.50	+0.64
Khartum	21-4	10.57	+0.38	10.57	+0.37
Kh. el Girba					
Atbara	21-4	10.32	+0.35	10.30	+0.32
Kajnarti	21-4	132.59	+0.73	132.63	+0.77
Aswan Res.	21-4	120.24	—	120.23	—
Aswan D.S.	21-4	85.61	+0.03	85.53	-0.05
Roda (Cairo)	21-4	15.77	+0.28	15.79	+0.29

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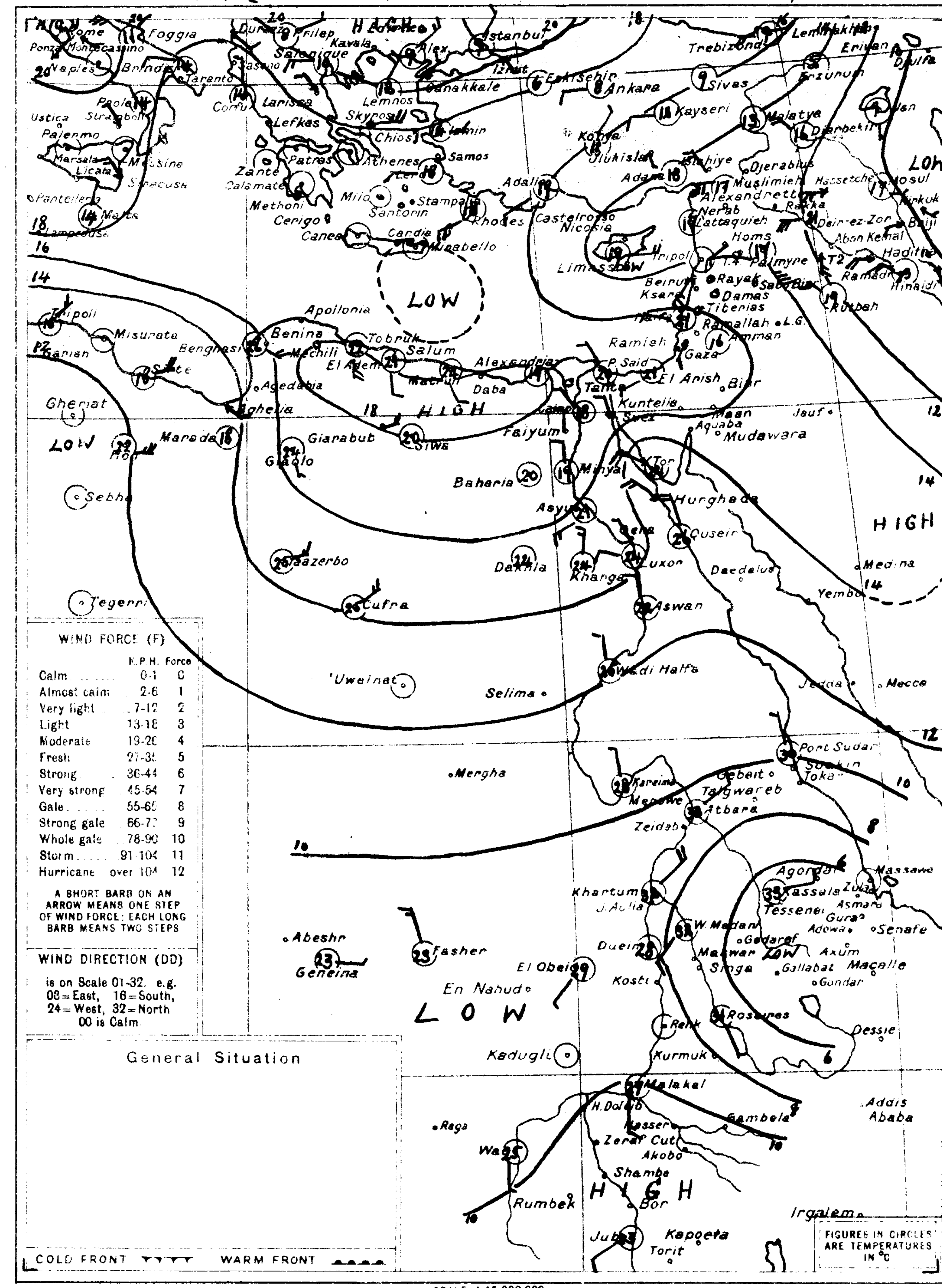
Isobars, Wind and Temperature at 8 h. 21-4-1939 ٢١-٤-١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	Humidity % UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	02	6	28	3	4	5	—	13.8	+1.0	19	—	—	—	—	—	0	603	434
Haifa	01	—	26	1	—	3	—	17.1	+5.1	21.2	23	-2	16	+3	59	0	548	637
Gaza	01	8	08	1	0	3	Cu	17.5	+4.9	19	—	—	12	0	75	—	—	370
Siwa 20th	00	8	00	0	0	0	—	16.3	+1.5	20.0	28	-2	12	0	57	0	7	8
SHIPS سفن																		

At 8 h on 21st الساعة ٨ يوم ٢١

Remarks

x. Khartoum river gauge reading for 7-4-39 published on 8 & 9-4-39 should read 10.51 M. instead of 10.50 M.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" Heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Object not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06 27

" " Sunset 18 26

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر أبريل

At 14 h. on 21st الساعة ١٤ يوم ٢١ — At 8 h. on SATURDAY 22nd الساعة ٨ يوم السبت ٢٢

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff. from norm.	Min Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
Mediterranean	SALÛM	00	9	00	0	0	0	—	16.0	26.1	38	12	6	18	5	2	5	Ci	14.0	-2.5	23.6	30	—	16	—	22	0	81	—	130
	MATRÛH	00	7	06	3	0	0	—	17.2	26.9	73	00	7	10	3	0	0	—	15.0	+0.6	24.8	27	+4	15	+1	22	0	122	157	131
	DIKHEILA	00	8	28	2	4	0	—	18.8	20.7	80	00	8	12	3	0	0	—	18.2	—	20.1	21	—	14	—	65	0	94	—	150
	ALEXANDRIA	00	9	24	1	4	0	—	18.2	23.7	44	00	9	12	2	0	0	—	17.9	+3.7	18.7	26	+1	17	+2	70	0	165	182	132
	DAMIETTA											00	8	12	2	0	0	—	17.6	—	23.0	27	—	15	—	59	0	70	104	159
	PORT SAÎD	00	8	28	3	0	0	—	17.4	25.2	50	00	8	—	2	0	0	—	17.6	+4.8	20.5	28	+4	16	0	74	0	64	76	134
	EL 'ARÎSH	00	7	30	2	1	0	—	16.6	23.4	70	00	7	14	1	0	0	—	18.4	—	21.2	24	—	—	—	64	0	130	89	135
Lower Egypt	DAMANHÛR											00	8	12	2	0	0	—	17.9	+3.7	21.6	29	+1	14	+2	55	0	29	100	136
	MANṢÛRA											00	8	14	1	0	0	—	17.6	—	20.9	31	+2	12	-1	53	0	46	52	137
	TANTA	00	7	00	0	0	0	—	17.4	30.0	21	00	7	12	2	0	0	—	17.6	+2.8	21.5	30	0	12	-1	50	0	40	38	138
	ZAGÂZÎG	00	8	02	3	0	0	—	17.1	30.3	22	00	8	06	2	0	0	—	18.0	—	23.8	30	+1	12	0	38	0	31	26	139
Middle Egypt (Cairo)	ALMÂZA	00	8	28	3	0	0	—	16.8	29.8	38	05	7	06	3	0	0	—	17.1	—	24.8	30	—	17	—	42	0	18	—	141
	EZBEKÎYA	00	8	02	4	0	0	—	16.8	30.2	20	05	5	00	0	0	0	—	17.2	+3.8	22.8	31	+2	14	0	38	0	23	24	—
	GÎZA	00	8	04	2	0	0	—	17.0	30.0	25	05	6	32	1	0	2	Cs	17.4	+3.3	18.0	31	+2	10	-1	61	0	23	25	—
	HELWÂN	00	7	32	3	0	0	—	16.7	28.8	9	05	6	04	4	0	0	—	17.1	+3.4	24.0	30	+1	18	+3	14	0	26	27	143
	SUEZ	00	9	02	3	0	0	—	13.9	27.5	33	00	7	32	1	0	0	—	17.4	+3.3	22.1	29	0	15	-1	41	0	27	17	144
Upper Egypt	FAIYÛM	00	8	30	3	0	0	—	16.3	29.9	15	00	8	00	0	0	0	—	—	—	21.7	31	0	12	-1	36	0	7	8	153
	MINYA	00	7	32	4	0	0	—	15.5	30.3	15	00	6	30	2	0	0	—	16.8	+2.4	20.0	31	0	13	-1	43	0	4	—	154
	ASYÛT	00	7	32	3	0	0	—	14.0	30.4	22	00	6	22	2	0	0	—	15.8	+2.6	22.0	32	0	15	-1	34	0	2	4	155
	QENA	00	8	30	2	0	0	—	12.3	34.5	17	00	8	30	2	0	0	—	14.8	+2.0	23.5	37	+1	16	-1	29	0	dr	—	156
	LUXOR	00	8	30	2	0	0	—	12.0	33.8	21	00	8	02	2	0	0	—	14.8	—	25.5	35	—	—	—	32	0	dr	—	157
	ASWÂN	00	7	28	3	0	0	—	11.0	34.4	11	00	7	00	0	0	0	—	14.4	+2.4	21.8	36	-1	18	-1	23	0	1	—	158
Western Desert	SÎWA	00	8	00	0	0	0	—	16.3	33.0	44	00	8	00	0	0	0	—	15.0	+0.2	20.0	33	+3	15	+2	62	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	16.4	30.5	17	00	9	00	0	0	0	—	16.2	—	22.0	31	—	13	—	36	0	1	—	149
	KHARGA	00	8	04	4	0	0	—	12.8	34.8	29	00	8	32	2	0	0	—	15.2	+2.1	25.2	35	0	18	+2	53	0	dr	tr	151
	DÂKHLA	00	8	30	3	0	0	—	14.6	32.0	32	00	6	00	0	0	0	—	16.0	+2.6	21.0	33	-2	14	-1	40	0	dr	—	152
Red Sea	TÔR	00	6	28	5	0	0	—	13.1	26.5	56	00	6	32	2	0	0	—	14.8	+2.3	22.8	29	+1	14	-2	38	0	20	13	145
	HURGHÂDA	00	9	30	3	0	0	—	12.0	27.8	41	00	9	30	3	0	0	—	14.8	+2.6	24.7	29	0	15	-1	31	0	1	—	146
	QUṢEIR	00	7	02	3	0	0	—	13.6	27.0	49	00	7	32	3	0	0	—	14.8	+2.7	26.0	28	0	20	0	43	0	tr	6	147
	PORT SUDAN											00	—	32	2	0	0	—	13.9	+3.3	29.5	32	0	26	+4	44	0	81	108	169
North Sudan	WÂDI HALFA											00	8	32	2	0	0	—	13.6	+2.0	23.4	38	+1	18	0	18	—	—	—	165
	KAREIMA											00	8	32	2	0	0	—	12.3	+2.1	28.0	43	+3	23	+2	22	0	1	1	166
	'ATBARA											00	—	02	2	0	0	—	10.7	+2.2	30.5	43	+3	23	+2	27	0	6	2	167
	KHARTÛM	05	7	32	3	0	0	—	4.1	43	11	05	7	02	3	0	0	—	9.5	+1.4	31.7	44	+3	25	+2	11	0	3	5	168
	KASSALA	01	8	02	3	0	1	Cu	1.5	42	22	00	8	04	2	0	0	—	6.7	-0.6	32.0	43	+2	25	+2	43	0	16	12	170
Central Sudan	WAD MEDANI											00	—	04	5	0	0	—	8.2	+0.6	33.6	43	+1	25	+3	19	0	18	14	171
	DUEIM											00	—	—	4	—	0	—	8.7	+0.4	32.0	42	+1	25	+4	30	0	15	14	173
	RENK																												—	182
	ROṢEIRES											00	—	18	1	0	0	—	7.1	-0.6	33.5	42	+2	24	+2	42	0	41	52	172
	EL OBEID	01	7	02	4	0	4	—	43	39	15	00	8	32	4	0	0	—	8.5	-1.1	30.8	40	+1	23	+3	22	0	13	22	174
	EL FÂSHER											00	8	06	4	0	0	—	—	—	29.0	39	+1	18	-1	9	0	3	8	175
	GENEINA	01	8	20	3	0	3	Cu	—	38	3	01	8	00	0	0	2	Ac	—	—	23.2?	41	—	18	—	18	0	12	—	179
	KADUGLI																												—	187
S. Sudan	MALAKÂL	01	8	28	2	1	3	Cu	6.2	36	33	03	8	08	2	2	8	Ac,As	10.4	+0.9	27.8	37	-1	25	+2	55	0	83	115	176
	WÂU											00	—	12	1	0	0	—	7.9	-0.9	27.0	36	-1	23	+1	69	0	167	220	177
	JÛBA	01	8	20	3	0	4	Cu	7.0	32	31	01	8	20	1	0	4	Ac	10.5	+0.2	27.0	33	-2	23	+1	69	0	458	260	178

UPPER WINDS on 22nd الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 8 h.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 7 h.	KAREIMA 4 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA 5 h.	Geneina 5 h.
02 18 35	02 15 55	02 12 35	02 08 25	02 [illegible] 25	02 01 15	02 02 10	03 03 20	06 18 10	06 02 55	06 07 10	07 03 45	06 16 25	06 02 05	10 07 30
05 16 —	05 16 30	05 11 30	05 06 35	05 06 30	05 04 35	05 05 30	06 05 35	10 — 10	10 03 70	10 09 10	10 05 75	10 15 40	10 00 00	15 09 30
07 16 —	10 15 15	10 23 05	10 07 35	08 06 35	10 01 25	10 05 25	10 03 25	15 12 05	15 02 70	15 05 20	15 05 50	15 15 25		20 12 20
10 22 15	15 11 20	15 07 05	15 07 25	10 07 30	15 01 25	15 01 15	15 36 35	20 12 05	20 02 50	20 04 15	20 03 30	20 25 10		27 16 15
11 33 20	20 14 20	20 05 05	20 05 20	15 05 35	20 01 20		20 35 50		25 02 45	30 03 20	30 30 20	30 01 40		
15 15 25		25 05 05	24 04 15	20 04 20			30 31 25		30 02 30			40 03 —		
20 19 25		30 29 15		23 02 10			40 31 25		40 29 15			50 09 30		
25 22 35		35 30 30		25 35 15			50 32 55		50 31 20					
30 23 45		40 31 25		30 32 25			53 33 60		60 04 05					
35 26 60		45 31 35							70 23 05					

Forecast for 24 hours from noon on 22nd

On the coast strong southerly winds.
Inland moderate to fresh easterly winds.
Clear or occasional high cloud.
Temperature much above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٢
على الساحل رياح جنوبية شديدة وفي الداخل رياح شرقية
بين المعتدلة والشديدة نوعاً ما . السماء صحو او يظهر بها بعض
السحاب العالي احياناً
ودرجة الحرارة فوقه المعدل بكثير

Station	Mean of day: Humidity % 21st	Diff. from normal	Wet bulb temp °C 21st	Diff. from normal
Alexandria	79	+ 11	16.7	+1.5
Ezbekiya	44	- 8	15.8	-0.7
Gîza	32	+ 21	15.1	-0.8
Helwân	31	- 7	13.3	-0.6

Gîza Grass minimum on 22nd 6.8 °C

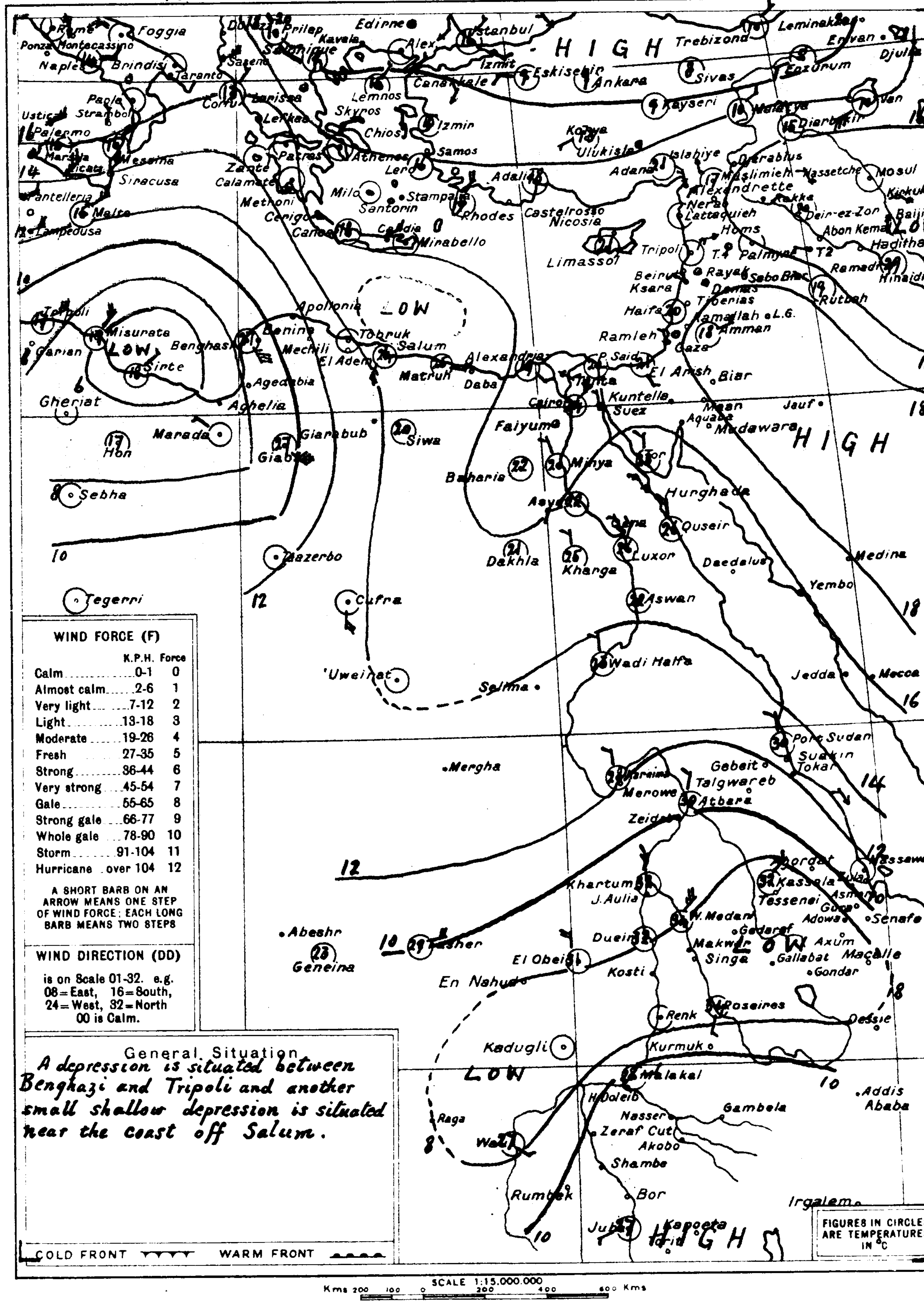
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
22-4	880	787
21-4	880	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-4	13.78	+0.42	13.60	+0.24
Nâsser	21-4	5.92	+0.48	6.03	+0.59
Malakâl	22-4	10.54	+0.44	10.54	+0.44
Roseires	22-4	11.78	+0.48	11.84	+0.54
Sennâr Res.	19-4	16.66	—	16.68	—
J. Aulia U.S	21-4	373.60	—	373.72	—
J. Aulia D.S	21-4	371.51	+0.65	371.50	+0.64
Khartûm	21-4	10.57	+0.38	10.57	+0.37
Kh. el Girba					
'Atbara	21-4	10.32	+0.35	10.30	+0.32
Kajnarti	21-4	132.59	+0.73	132.63	+0.77
Aswân Res.	22-4	120.23	—	120.24	—
Aswân D.S.	22-4	85.66	+0.07	85.61	+0.03
Rôda (Cairo)	22-4	15.75	+0.26	15.77	+0.28

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 22-4-1939. ١٩٣٩-٤-٢٢



At 8 h. on 22nd الساعة ٨ يوم ٢٢

STATION	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff. from norm.	Min Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	10	2	0	3	—	16.6	+3.8	21	—	—	—	—	—	0	603	435
Haifa	00	—	00	0	—	0	—	18.4	+6.4	19.9	23	-2	12	-1	69	0	548	637
Gaza	00	9	32	1	0	0	—	18.4	+5.8	19	—	—	9	-3	35	—	—	371
SHIPS سفن																		

Remarks

x Juba river gauge readings for 21 & 22/3/39 published on 21-23/3/39 should read 13.29 & 13.28 m instead of 13.21 & 13.22 m respectively.

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.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 05 h 20 m.
" " Sunset 18 h 27 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month APRIL 1939 ١٩٣٩ شهر أبريل

At 14 h. on 22nd — الساعة ١٤ يوم ٢٢ | At 8 h. on SUNDAY 23rd — الساعة ٨ يوم الأحد ٢٣

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT °C	14h UU %	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
Mediterranean	SALUM	18	5	18	5	3	5	Ac	10.7	32.0	10	33	3	18	8	3	8	As	0.2	-16.2	28.1	33	—	22	—	9	0	81	—	130
	MATRUH	02	7	08	4	1	5	Cu	12.7	29.6	38	30	6	14	5	3	9	—	6.3	-8.1	27.3	32	+9	18	+4	34	0	122	157	131
	DIKHEILA	00	8	10	4	0	0	—	15.4	31.2	28	02	7	10	4	2	5	As	10.7	—	20.3	32	—	16	—	67	0	94	—	150
	ALEXANDRIA	00	9	12	3	0	0	—	15.0	31.2	21	02	9	12	4	2	5	Sc	10.2	-3.9	19.5	31	+6	17	+2	56	0	165	182	132
	DAMIETTA											02	8	08	3	1	4	Ci	11.9	—	23.5	28	—	18	—	56	0	70	104	159
	PORT SAID	00	8	28	2	0	0	—	16.7	24.5	63	00	8	04	3	0	0	—	12.8	0.0	23.2	27	+3	16	0	72	0	64	76	134
	EL 'ARISH	00	7	02	2	0	0	—	17.6	24.0	46	00	7	16	1	0	0	—	11.1	—	23.6	28	—	—	—	17	0	130	89	135
Lower Egypt	DAMANHUR											00	7	08	3	0	0	—	11.4	-2.8	22.0	—	—	17	+5	56	0	29	100	136
	MANSURA											00	8	02	1	0	0	—	11.1	—	23.1	32	+3	15	+2	53	0	46	52	137
	TANTA	00	7	10	3	0	0	—	15.2	31.5	23	00	7	08	2	0	0	—	10.7	-4.0	22.5	32	+2	15	+2	55	0	40	38	138
	ZAGAZIG	00	8	04	4	0	0	—	15.2	32.3	16	00	7	04	3	0	0	—	11.0	—	24.3	32	+3	15	+3	44	0	31	26	139
Middle Egypt (Cairo)	ALMAZA	00	8	04	5	0	0	—	14.3	32.3	38	05	5	00	0	0	2	Ci	11.0	—	24.3	33	—	17	—	46	0	18	—	141
	EZBEKIYA	00	8	04	4	0	0	—	14.6	33.4	14	05	5	00	0	0	0	—	10.6	-2.7	24.0	34	+5	15	+1	39	0	23	24	
	GIZA	00	8	32	1	0	0	—	14.4	33.3	15	05	6	00	0	0	1	Ci	10.6	-3.5	23.8	35	+6	11	-1	47	0	23	25	
	HELWAN	00	9	04	4	0	0	—	13.8	32.6	5	05	5	00	0	0	2	Ci	10.7	-3.0	24.5	34	+5	16	+1	30	0	26	27	143
	SUEZ	00	9	04	2	0	0	—	15.6	31.0	25	00	7	08	1	0	0	—	12.2	-1.8	23.1	32	+3	16	0	56	0	27	17	144
Upper Egypt	FAIYUM	00	8	06	3	0	0	—	13.6	33.0	8	00	7	00	0	0	0	—	10.7	-3.2	24.0	34	+3	18	+4	25	0	7	8	153
	MINYA	00	9	02	3	0	0	—	13.1	33.3	11	01	5	24	1	0	2	As	10.6	-3.2	25.0	34	+2	18	+4	34	0	4	—	154
	ASYUT	00	7	02	2	0	0	—	12.7	33.2	24	00	7	12	4	0	0	—	11.2	-2.0	25.0	36	+4	17	+1	34	0	2	4	155
	QENA	00	8	22	3	0	0	—	12.4	34.0	21	00	8	04	2	0	0	—	12.0	-0.8	26.6	36	-1	16	-1	22	0	dr	—	156
	LUXOR	00	8	06	1	0	0	—	11.9	34.7	19	00	8	02	2	0	0	—	12.0	—	27.2	36	—	14	—	29	0	dr	—	157
	ASWAN	00	7	30	1	0	0	—	11.1	34.6	10	00	7	00	0	0	0	—	11.2	-0.8	23.1	37	0	19	0	22	0	1	—	158
Western Desert	SIWA	12	5	10	3	1	4	As	11.2	36.0	—	01	8	10	2	1	4	Cu	5.8	-8.9	26.4	37	+7	19	+6	—	0	7	8	148
	BAHARIYA	00	9	08	1	0	0	—	13.5	34.0	18	00	9	00	0	0	0	—	10.2	—	25.0	34	—	18	—	34	0	1	—	149
	KHARGA	00	8	04	2	0	0	—	12.6	35.0	30	00	8	00	0	0	0	—	11.4	-1.6	26.2	36	+1	15	-1	37	0	dr	tr	151
	DAKHLA	00	8	06	2	0	0	—	13.1	34.5	26																		—	152
Red Sea	TOR	00	6	28	3	0	0	—	13.3	27.1	52	00	6	28	1	0	0	—	12.2	-0.3	24.5	28	-1	15	-2	68	0	20	13	145
	HURGHADA	00	9	02	2	0	0	—	13.9	28.5	43	01	9	08	1	0	2	Ci	12.2	+0.1	29.8	30	0	14	-3	48	0	1	—	146
	QUSEIR	00	7	02	2	0	0	—	14.4	27.3	42	00	7	32	2	0	0	—	12.2	+0.1	28.6	29	0	19	-1	24	0	tr	6	147
	PORT SUDAN	01	—	04	3	0	3	—	12	—	55	00	—	32	2	0	0	—	10.7	+0.1	29.0	32	0	26	+4	58	0	81	108	169
North Sudan	WADI HALFA	00	8	02	4	0	0	—	13.7	41	11	00	8	26	1	1	0	—	9.5	-2.0	23.0	42	+5	17	-1	18	—	—	—	165
	KAREIMA	00	8	28	4	0	0	—	8.7	40	12	00	8	04	3	0	0	—	10.4	+0.2	27.0	41	+1	21	-1	20	0	1	1	166
	'ATBARA	01	—	30	4	0	3	—	6	41	10	00	—	02	2	—	0	—	8.0	-0.4	30.0	41	+1	21	0	23	0	6	2	167
	KHARTUM	06	7	04	2	0	0	—	4.7	43	11	05	7	02	3	0	0	—	6.8	-1.3	29.3	43	+2	23	0	14	0	3	5	168
	KASSALA	01	8	02	3	0	2	Cu	1.2	41	20	00	8	10	3	0	0	—	4.0	-3.3	33.4	42	+1	25	+2	34	0	16	12	170
Central Sudan	WAD MEDANI											00	—	06	4	0	0	—	5.3	-2.3	31.1	43	+1	21	-1	30	0	18	14	171
	DUEIM											00	—	—	3	0	0	—	7.6	-0.7	28.2	43	+2	24	+3	20	0	15	14	173
	RENK	02	—	18	2	1	4	—	3.5	41	17									—			—		—				—	182
	ROSEIRES	01	—	04	2	0	3	—	4	42	25	00	—	18	1	0	0	—	4.8	-2.9	33.5	44	+4	24	+2	29	0	41	53	172
	EL OBEID	18	7	02	4	0	0	—	2.7	40	18	01	8	32	3	0	4	Ci	6.8	-2.8	27.6	41	+2	22	+2	27	0	13	22	174
	EL FASHER	00	—	12	4	0	0	—	—	38	10	01	8	00	0	0	1	Cs	—	—	27.3	39	+1	22	+3	26	0	3	8	175
	GENEINA	01	8	24	2	0	3	Ac	—	40	6	01	8	04	1	0	3	Cs	—	—	23.0	41	—	17	—	25	0	12	—	179
	KADUGLI	01	7	04	4	0	2	Cu	3.8	41	34																		—	187
S. Sudan	MALAKAL	03	8	18	4	2	8	Cu	4.8	41	28	02	8	12	2	2	5	Cs,Ac	6.6	-2.9	31.2	41	+3	26	+3	45	0	83	115	176
	WAU	02	—	12	3	1	5	—	5	37	35	00	—	20	1	0	0	—	5.6	-3.2	28.0	37	+1	23	+1	63	0	167	222	177
	JUBA	02	8	00	0	0	4	—	6.4	34	36	00	8	28	2	0	0	—	7.7	-2.7	26.9	35	0	23	+1	77	0	458	264	178

UPPER WINDS 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 22nd
h. m.	7 h. m.	h. m.	8 h. m.	8 h. 30 m.	8 h. m.	7 h. m.	7 h. m.	4 h. m.	7 h. m.	5 h. m.	6 h. m.	7 h. m.	7 h. m.	13 h. m.
	02 17 80		02 17 25	02 16 10	02 13 25	02 02 10	03 05 10	06 03 30	06 02 45	06 05 25	07 02 35	06 15 10	06 05 10	02 17 40
	05 18 70		05 18 25	05 17 35	05 14 30	05 13 15	06 10 25	10 02 35	10 03 45	10 05 20	10 03 55	10 19 20	10 07 15	05 15 35
	10 19 85		10 16 30	08 17 25	10 12 20	10 09 25	10 10 25	15 35 40	15 36 25	15 03 20	15 04 45	15 19 30	15 07 15	07 16 15
			15 12 35	10 16 25	15 11 15	15 06 30	15 09 25	20 35 35	20 33 15	20 36 15	20 05 25	20 36 05	20 09 10	08 17 30
			20 12 25	15 14 30	20 14 20	20 05 30	20 04 35		25 27 10	30 02 10	30 06 20	30 03 40	30 15 05	
			25 10 15	20 10 25			30 04 30		30 09 05			40 05 35		
			30 00 00	23 09 25			32 02 40		40 26 20			50 11 35		
				25 09 20					50 27 15			60 20 10		
				30 17 05					60 25 25			63 26 05		
				34 00 00					70 29 25					

Forecast for 24 hours from noon on 23rd

Southerly winds, on the coast fresh to strong, inland light to moderate, freshening later.
High cloud increasing.
Khamsin conditions intensifying.
Further outlook: probably cooler within two days.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٣
رياح جنوبية قوية نوعاً على الساحل وفي الداخل خفيفة الى المعتدل ثم تشتد قوتها في الداخل .
يتكاثر السحاب العالي .
تزداد شدة الطقس الخماسيني . وفيما بعد يحتمل انه تهبط درجة الحرارة في بحر يومين

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet bulb temp °C on 22nd	Diff. from normal
Alexandria	61	-7	17.0	+1.7
Ezbekiya	26	-26	15.9	-0.7
Giza	32	-21	15.3	-0.7
Helwan	6	-34	13.0	-1.0

Giza Grass minimum on 23rd 7.2°C

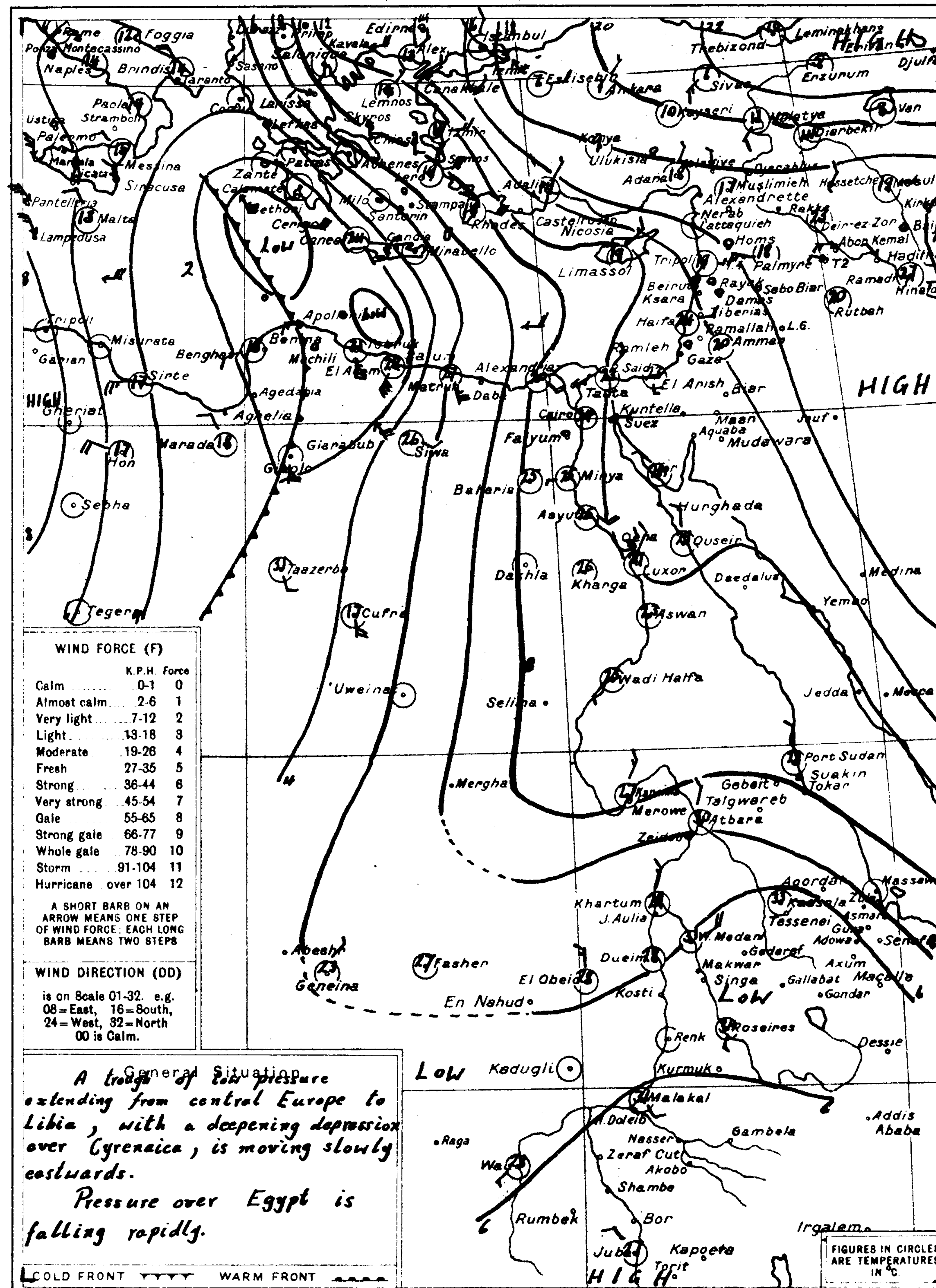
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
23-4	880	786
22-4	880	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	23-4	13.60	+0.23	13.80	+0.43
Nasser	22-4	5.82	+0.38	5.92	+0.48
Malakal	23-4	10.53	+0.44	10.54	+0.44
Roseires	23-4	11.74	+0.44	11.78	+0.48
Sennar Res	21-4	16.50	—	16.58	—
J. Aulia U.S	22-4	373.49	—	373.60	—
J. Aulia D.S	22-4	371.52	+0.66	371.51	+0.65
Khartum	23-4	10.58	+0.40	10.57	+0.39
Kh. el Girba					
'Atbara	22-4	10.34	+0.37	10.32	+0.35
Kajnarti	22-4	132.55	+0.69	132.59	+0.73
Aswan Res.	23-4	120.24	—	120.26	—
Aswan D.S.	23-4	85.66	+0.07	85.66	+0.07
Roda (Cairo)	23-4	15.75	+0.26	15.75	+0.26

Printed by the Survey & Mines Dept. 1938 (38/554)

٢٣-٤-٣٩ Isobars, Wind and Temperature at 8 h. 23-4-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North, 00 is Calm.

General Situation

A trough of low pressure extending from central Europe to Libia, with a deepening depression over Cyrenaica, is moving slowly eastwards.
Pressure over Egypt is falling rapidly.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

At 8 h. on 23rd — الساعة ٨ يوم ٢٣

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	02	5	04	3	2	7	—	10.7	-2.1	19	—	—	—	—	—	0	603	436
Haifa	02	—	08	2	—	4	—	15.0	+2.1	24.4	25	0	15	+2	35	0	548	638

SHIPS سفن

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.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO | h. m.
Time of Sunrise 05 19
" " Sunset 18 28

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر إبريل

At 14 h. on 23rd — الساعة ١٤ يوم ٢٣ | At 8 h. on MONDAY 24th — الساعة ٨ يوم الاثنين ٢٤

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	[illegible]ÛM	33	1	18	8	3	9	—	97.3	37.2	03	01	7	28	4	1	3	Ac	8.2	-8.1	16.4	38	—	15	—	67	dr	81	—	130
	[illegible]TRÛH	33	3	16	5	4	9	—	2.4	37.8	29	60	6	24	5	5	8	Cb	—	—	18.4	38	+15	12	-2	89	dr	122	157	131
	DIKHEILA	03	8	12	3	2	6	As	8.3	36.4	21	03	7	32	4	2	8	As	8.8	—	21.4	36	—	20	—	83	0	94	—	150
	ALEXANDRIA	03	8	12	2	2	6	As	7.8	34.8	28	03	8	32	5	2	7	As	8.2	-5.9	23.2	35	+10	20	+4	66	0	165	182	132
	DAMIETTA											02	8	20	2	1	4	Ac	8.0	—	25.1	28	—	20	—	46	0	70	104	159
	PORT SAÎD	00	8	04	4	0	0	—	10.3	24.9	68	00	8	04	1	0	0	—	7.2	-5.6	25.2	26	+2	22	+6	41	0	64	77	134
	EL 'ARÎSH	00	7	04	4	0	0	—	10.3	26.8	48	00	7	16	1	0	0	—	7.2	—	30.0	31	—	—	—	21	0	130	89	135
EGYPT	DAMANHÛR											30	6	24	5	3	6	Cs	8.2	-5.9	27.6	38	+10	21	+9	41	0	29	100	136
	MANŞÛRA											01	8	30	1	1	3	Sc	7.5	—	27.2	38	+9	18	+5	25	0	46	52	137
	TANTA	02	7	14	2	1	5	Ci	8.6	37.2	19	02	7	26	3	1	5	Cs	8.3	-6.4	28.0	38	+8	17	+4	27	0	40	39	138
	ZAGÂZIG	00	8	12	3	0	0	—	7.6	39.9	15	01	8	12	2	1	3	Cs	7.9	—	31.4	40	+11	20	+8	25	0	31	27	139
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	00	0	1	3	Ci	8.2	40.4	26	05	6	22	1	2	5	Cs	8.2	—	29.2	41	—	24	—	38	0	18	—	141
	CAIRO EZBEKÎYA	01	7	18	2	1	3	Ci	7.2	39.0	10	02	5	16	1	1	4	Ac	7.0	-6.3	30.2	39	+10	23	+9	22	0	23	25	—
	CAIRO GÎZA	01	8	12	2	1	3	Cs	7.8	39.8	11	05	6	00	0	1	4	Cc	7.2	-6.1	27.8	40	+11	18	+6	36	0	23	25	—
	HELWÂN	01	8	22	2	0	3	Ci	6.8	39.0	5	01	7	28	4	0	4	Ci	7.2	-6.4	26.9	41	+11	25	+10	14	0	26	27	143
	SUEZ	00	9	16	2	0	0	—	12.2	28.2	44	00	7	18	1	0	0	—	7.1	-6.8	26.2	31	+2	20	+4	50	0	27	17	144
UPPER EGYPT	FAIYÛM	02	8	14	3	0	4	As	7.6	39.2	—	02	7	00	0	1	4	Sc	7.5	-6.4	27.3	40	+9	20	+6	22	0	7	8	153
	MINYA	02	7	18	3	1	5	Cs	7.4	36.9	10	01	5	04	1	1	4	Ac	6.8	-7.0	26.0	37	+5	21	+7	26	0	4	—	154
	ASYÛT	00	7	12	3	0	0	—	8.0	36.6	15	00	6	12	2	0	0	—	7.4	-5.7	28.5	38	+5	18	+2	34	0	2	4	155
	QENA	00	8	12	3	0	0	—	8.0	38.6	19	00	8	08	2	0	0	—	8.0	-4.7	29.7	34	+2	19	+2	26	0	dr	—	156
	LUXOR	00	8	24	1	0	0	—	7.6	38.9	17	00	8	02	1	0	0	—	8.3	—	28.8	40	—	18	—	30	0	dr	—	157
	ASWÂN	00	7	00	0	0	0	—	6.4	38.4	10	00	7	00	0	0	0	—	7.8	-4.1	26.4	40	+3	21	+2	27	0	1	—	158
WESTERN DESERT	SÎWA	30	3	14	6	3	9	—	2.2	39.4	10																		8	148
	BAHARÎYA	00	9	16	1	0	0	—	5.6	34.0	17									—			—		—					149
	KHÂRGA	00	8	16	2	0	0	—	7.9	38.4	34	00	8	00	0	0	0	—	8.0	-4.9	25.7	39	+4	18	+2	44	0	dr	tr	151
	DAKHLA	01	8	14	4	1	3	Ci	6.8	38.6	28	02	6	12	1	1	4	Ci	7.8	-5.8	27.0	39	+4	19	+4	37	0	dr	—	152
RED SEA	TÔR	00	6	24	1	0	0	—	10.3	30.0	55	00	6	32	2	0	0	—	7.9	-4.5	29.0	32	+3	18	+1	40	0	20	13	145
	HURGHÂDA	00	9	04	2	0	0	—	9.5	31.4	36	00	9	14	1	0	0	—	7.2	-4.9	29.5	34	+4	16	-1	35	0	1	—	146
	QUŞEIR	00	7	32	2	0	0	—	11.1	28.3	56	00	7	00	0	0	0	—	9.1	-3.0	33.1	29	0	21	0	20	0	tr	6	147
	PORT SUDAN	01	—	08	2	0	3	—	10	31	75	00	—	32	1	0	0	—	10.4	-0.1	29.0	33	+1	26	+4	80	0	81	108	1[illegible]9
NORTH SUDAN	WÂDI HALFA	00	8	28	2	0	0	—	—	39	03	00	8	24	2	0	0	—	6.5	-4.9	24.4	41	+3	20	+2	26	—	—	—	165
	KAREIMA	00	8	32	2	0	0	—	4.1	40	—	00	8	32	1	0	0	—	7.1	-3.0	26.0	41	+1	21	-1	30	0	1	1	166
	'ATBARA	01	—	32	1	0	3	—	4	42	10	00	—	12	2	0	0	—	7.2	-1.7	30.8	42	+2	23	+1	33	0	6	3	167
	KHARTÛM	00	8	32	4	0	0	—	2.8	44	16	01	7	02	2	0	3	Ci	6.5	-1.5	29.1	44	+3	22	-1	24	0	3	5	168
	KASSALA	01	8	24	3	0	2	Cu	99.8	42	20	00	8	08	2	0	0	—	4.3	-3.0	33.3	42	+1	21	+3	39	0	16	13	170
CENTRAL SUDAN	WAD MEDANI	01	—	04	2	0	3	—	0	42	10	00	—	08	2	0	0	—	5.9	-1.7	31.4	43	+1	24	+2	21	0	18	15	171
	DUEIM	01	—	—	2	0	3	—	3	42	10	00	—	—	2	0	0	—	7.2	-1.1	31.0	42	+1	23	+2	23	0	15	14	173
	RENK	01	7	22	1	1	4	—	1.9	41	27									—			—		—				—	182
	ROSEIRES	01	—	12	1	0	3	—	2	42	10	00	—	16	1	0	0	—	6.4	-1.4	33.3	45	+5	26	+4	47	0	41	53	172
	EL OBEID	01	8	00	0	0	2	—	4.3	39	21	02	8	00	0	1	5	Ci	7.3	-2.3	27.2	41	+2	23	+3	20	0	13	22	174
	EL FÂSHER	01	8	08	2	0	3	—	—	39	—	02	8	18	1	1	5	Cs	—	—	22.1	41	+3	18	-1	16	0	3	8	175
	GENEINA	03	8	24	1	1	7	—	—	39	08	03	8	08	1	2	7	Ac	—	—	22.8	41	—	17	—	25	0	12	—	179
	KADUGLI																													187
S. SUDAN	MALAKÂL	11	8	14	4	1	7	Cu	4.3	38	27	29	8	28	3	9	8	Ns	10.4	+0.8	23.3	39	+1	21	-2	85	24	107	116	176
	WÂU	02	—	12	2	1	5	—	3	38	35	03	—	20	2	6	7	—	8.3	-0.5	25.0	39	+3	23	+1	72	2	169	224	177
	JÛBA	00	8	18	1	—	0	—	4.2	—	43	03	8	00	0	0	6	Sc	10.0	-0.4	28.0	36	+1	25	+3	33	0	458	268	178

UPPER WINDS — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH h. m.	DIKHEILA h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 4 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKÂL 8 h.	JÛBA 7 h.	Geneina 5 h.
02.32.25			05.20.40	02.27.05	02.15.40	02.04.05	03.05.10	06.02.15	06.04.30	06.13.15	07.34.15	06.29.25	06.36.25	10.22.15
05.32.—			10.22.45	05.20.20	05.16.50	05.10.10	06.03.20	10.02.15	10.01.20	10.15.25	10.36.20	10.25.25	10.31.50	15.20.20
10.29.25			15.22.50	08.20.55	10.17.30	10.16.25	10.05.10	15.36.20	15.35.25	15.18.20	15.33.15	16.25.30	15.28.45	20.21.15
15.26.35			20.23.30	10.21.50	15.19.35	15.13.30	15.28.05	20.34.20	20.27.25	20.14.05	20.30.10		20.26.35	30.33.15
20.24.65				15.22.50		20.11.20	20.18.05	21.34.20	25.25.35	30.04.15	25.28.10		30.19.20	32.29.15
25.22.65			Tail.	20.21.60		25.10.15	30.00.00		30.25.40	40.31.10			40.15.20	
30.22.75				23.22.65			40.33.10		33.22.35	50.28.30			47.20.10	
				25.22.50			44.30.15							
				29.22.45										

Forecast for 24 hours from noon on 24th

Fresh winds, strong at times, mainly west to northwest.

Much medium cloud, decreasing tomorrow.

Changeable; possibly scattered showers with thunder.

Heat wave breaking today.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٤
رياح نسبيه كثيرة احيانا اكثرها جهة غربية و شمالية غربية
تكثر السحاب المتوسط الارتفاع وتقل بعد باكر
الطقس متقلب ويحتمل تساقط مطر في جهات متفرقة ويكون مصحوبا بالرعد
تنتهي الموجة الحارة اليوم

STATION	Mean of day: Humidity % on 23rd	Diff. from normal	Wet bulb temp °C on 23rd	Diff. from normal
Alexandria	46	-22	18.6	+3.2
Ezbekiya	30	-22	17.7	+4.0
Gîza	34	-18	18.1	+2.0
Helwân	14	-26	16.1	+2.0

Gîza Grass minimum on 24th 11.7 °C

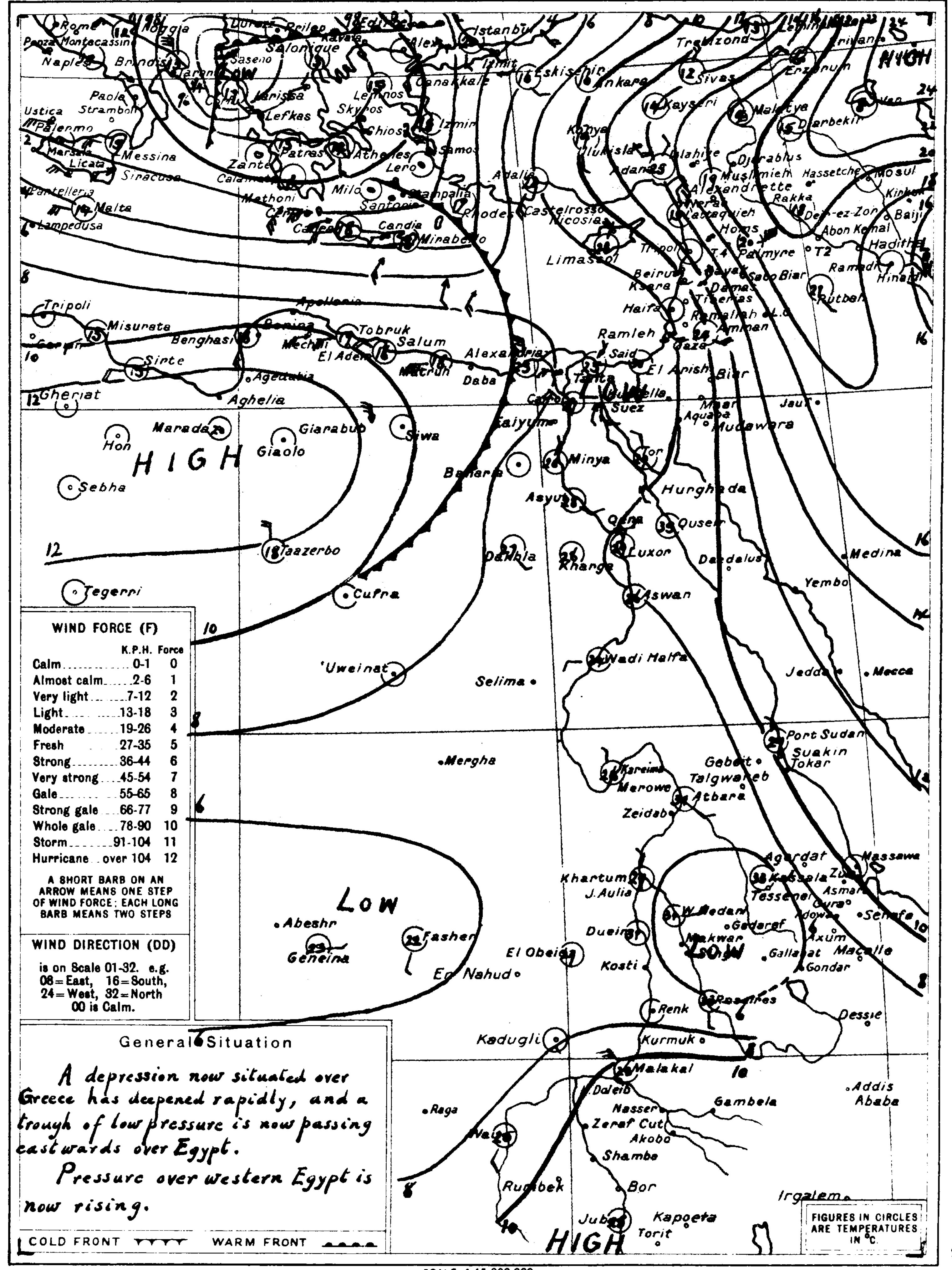
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
24-4	880	787
23-4	880	786

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-4	13.50	+0.12	13.60	+0.23
Nâşser	23-4	5.73	+0.29	5.82	+0.38
Malakâl	24-4	10.51	+0.42	10.53	+0.44
Roseires	24-4	11.70	+0.39	11.74	+0.44
Sennâr Res	23-4	16.30	—	16.41	—
J. Aulia U.S	23-4	373.38	—	373.41	—
J. Aulia D.S	23-4	371.53	+0.67	371.52	+0.66
Khartûm	24-4	10.60	+0.42	10.58	+0.40
Kh. el Girba					
'Atbara	24-4	10.35	+0.38	10.35	+0.38
Kajnarti	23-4	132.55	+0.69	132.55	+0.69
Aswân Res.	24-4	120.21	—	120.24	—
Aswân D.S.	24-4	85.66	+0.02	85.66	+0.07
Rôda (Cairo)	24-4	15.75	+0.26	15.75	+0.26

Printed by the Survey & Mines Dept. 1938 (38/554)

٢٤-٤-٣٩ Isobars, Wind and Temperature at 8 h. 24-4-39



FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

A depression now situated over Greece has deepened rapidly, and a trough of low pressure is now passing eastwards over Egypt.

Pressure over western Egypt is now rising.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 24th — الساعة ٨ يوم ٢٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	6	04	4	1	3	—	8.4	-4.4	28	—	—	—	—	—	0	603	436
Haifa	02	—	10	3	—	4	—	10.3	-1.6	27.7	30	+5	23	+10	23	0	548	638
Gaza	00	—	12	4	0	0	—	8.1	-4.4	34	—	—	16	+3	15	—	—	371
Gaza 23rd	00	9	32	1	0	0	—	—	—	22	—	—	11	-1	85	—	—	371
Dakhla 23rd	05	5	00	0	0	0	—	11.0	-2.4	25.0	37	+2	15	0	33	0	dr	—

SHIPS سفن

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 05 h 18 m
„ „ Sunset 18 h 28 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر ابريل

At 14 h. on 24th — الساعة ١٤ يوم ٢٤ — At 8 h. on TUESDAY 25th — الساعة ٨ يوم الثلاثاء ٢٥

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	00	8	02	3	1	0	—	9.8	19.7	64	00	7	16	1	0	0	—	14.0	-2.3	17.0	27	—	13	—	77	0	81	—	130
	MATRÛH	01	7	28	3	1	4	Sc	10.4	19.1	90	00	7	30	2	0	0	—	14.2	-0.1	18.3	24	+1	12	-2	89	dr	122	157	131
	DIKHEILA	05	5	02	3	2	8	As	9.9	23.2	63	03	7	04	4	2	7	Ci	13.4	—	19.8	25	—	18	—	65	0	94	—	150
	ALEXANDRIA	03	8	04	2	2	7	As	9.0	28.4	49	02	9	04	3	2	5	Ac	12.2	-1.9	21.2	24	+4	18	+2	64	dr	165	182	132
	DAMIETTA											02	7	28	4	2	5	Ac	12.8	—	20.0	28	—	18	—	77	0	70	104	159
	PORT SAÎD	02	7	30	6	2	4	Ac	9.8	27.0	63	02	7	04	6	1	5	Sc	12.0	-0.7	21.0	31	+7	19	+3	80	0	64	77	134
	EL 'ARÎSH	02	6	28	2	1	4	Cu	8.0	26.8	50	00	7	32	1	0	0	—	—	—	21.8	36	—	19	—	82	0	130	90	135
LOWER EGYPT	DAMANHÛR											02	6	02	4	2	5	Cu	12.3	-1.8	21.0	—	—	17	+5	55	0	29	100	136
	MANSÛRA											01	5	32	2	1	4	Sc	11.0	—	20.8	32	+3	17	+4	64	0	46	52	137
	TANTA	03	7	32	3	2	8	As	9.3	31.0	32	03	6	04	4	2	8	As	11.8	-2.9	21.0	32	+2	17	+4	65	dr	40	39	138
	ZAGÂZIG	00	8	04	3	0	0	—	9.4	32.3	31	01	7	04	3	1	3	Cs	12.0	—	22.3	33	+4	17	+5	67	0	31	27	139
MIDDLE EGYPT	CAIRO ALMÂZA	05	5	04	5	2	7	Cs	8.7	32.4	26	02	7	02	4	1	5	As	10.8	—	21.2	34	—	17	—	64	0	18	—	141
	CAIRO EZBEKIYA	02	6	32	4	2	6	Sc	8.4	32.4	29	03	6	32	4	1	6	Sc	11.2	-2.1	21.9	34	+5	18	+4	61	dr	23	25	—
	CAIRO GÎZA	03	7	02	2	2	8	As	8.2	32.3	32	03	6	32	4	2	8	As	11.1	-2.9	21.1	34	+4	17	+5	67	0	23	25	—
	HELWÂN	05	5	32	5	1	7	Ac	7.4	33.9	14	03	6	02	6	2	7	Ac	10.2	-3.4	22.0	35	+5	18	+3	49	0	26	27	143
	SUEZ	02	7	30	3	1	5	As	7.9	34.3	31	02	7	30	3	1	4	As	10.7	-3.1	22.0	37	+7	19	+3	79	0	27	17	144
UPPER EGYPT	FAIYÛM	02	7	02	3	1	4	As	7.2	35.8	21	03	7	02	3	1	8	As	10.2	-3.6	21.1	37	+6	18	+4	64	0	7	8	153
	MINYA	02	8	02	2	1	4	As	5.9	36.7	16	03	5	32	3	1	6	Cc	9.1	-4.6	21.0	39	+7	18	+4	60	0	4	—	154
	ASYÛT	02	7	20	3	1	4	Ac	5.9	41.0	14	02	5	22	4	1	5	Cu	9.0	-4.1	23.2	42	+9	18	+2	59	0	2	4	155
	QENA	01	8	26	1	0	3	Ci	6.6	40.4	16	00	8	04	1	0	0	—	7.8	-4.9	30.8	41	+4	19	+2	34	0	dr	—	156
	LUXOR	00	8	22	1	0	0	—	6.4	40.6	18	00	8	02	1	0	0	—	7.9	—	30.9	42	—	19	—	37	0	dr	—	157
	ASWÂN	00	7	00	0	0	0	—	4.4	39.0	11	00	7	00	0	0	0	—	7.2	-4.7	28.0	42	+5	23	+3	25	0	1	—	158
WESTERN DESERT	SÎWA	01	8	26	2	1	4	Cu	10.7	26.8	57																		8	148
	BAHARÎYA	02	9	08	1	1	4	—	7.1	33.5	19	02	9	32	1	1	4	—	12.2	—	20.0	39	—	17	—	47	0	1	—	149
	KHARGA	00	8	00	0	0	0	—	4.3	39.8	28	00	8	32	2	0	0	—	8.3	-4.5	26.8	41	+6	20	+3	50	0	dr	tr	151
	DÂKHLA	02	7	18	2	1	4	Ci	5.8	40.0	25	02	5	30	5	1	5	Cc	9.9	-3.4	24.3	42	+6	21	+6	58	0	dr	—	152
RED SEA	TÔR	01	6	16	3	0	3	Cc	7.0	36.5	36	00	6	28	2	0	0	—	10.6	-1.7	26.5	38	+9	19	+2	79	0	20	13	145
	HURGHÂDA	00	9	10	3	0	0	—	7.9	33.9	35	01	9	16	1	0	1	Ci	9.6	-2.4	26.8	35	+5	18	+1	60	0	1	—	146
	QUSEIR	01	7	06	2	0	2	Cs	8.4	32.4	42	00	7	32	2	0	0	—	9.6	-2.5	26.8	33	+4	21	0	71	0	tr	6	147
	PORT SUDAN	01	—	08	2	4	3	—	10	31	10	00	—	32	1	0	0	—	7.6	-2.9	31.7	32	-1	29	+7	69	0	81	108	169
NORTH SUDAN	WÂDI HALFA	06	8	16	3	0	0	—	3.0	43	3	00	8	08	2	0	0	—	5.3	-6.1	28.0	43	+5	21	+3	7	—	—	—	165
	KAREIMA	00	8	12	2	0	0	—	4.9	41	11	00	8	04	2	0	0	—	7.9	-2.2	26.0	42	+2	20	-2	40	0	1	1	166
	'ATBARA	01	—	14	1	0	3	—	4	43	10	00	—	12	2	0	0	—	7.0	-1.4	32.5	43	+3	23	+1	31	0	6	3	167
	KHARTÛM	01	8	24	2	0	3	—	7.7	43	8	05	6	12	3	0	3	Cs	6.2	-1.8	29.2	43	+2	21	-2	34	0	3	5	168
	KASSALA	01	8	24	3	1	4	Cu	7.8	42	15	00	8	18	3	0	0	—	5.8	-1.5	33.3	43	+2	28	+4	34	0	16	13	170
CENTRAL SUDAN	WAD MEDANI	02	—	20	3	0	5	—	2	43	—	01	—	18	5	0	4	—	7.0	-0.6	31.0	44	+2	24	+1	40	0	18	15	171
	DUEIM	01	—	—	2	0	3	—	3	42	—	00	—	—	3	0	0	—	8.3	0.0	30.0	43	+2	24	+3	48	0	15	14	173
	RENK	03	7	28	2	6	8	Cu	—	—	—									—			—		—				—	182
	ROSEIRES	01	—	26	1	0	3	—	3	42	10	00	—	10	1	0	0	—	8.8	+1.0	29.5	43	+3	26	+4	41	dr	41	54	172
	EL OBEID	03	8	00	0	1	8	Cu	5.7	37	14	03	8	18	3	1	6	Cs	7.7	-1.9	27.0	41	+2	24	+4	31	0	13	22	174
	EL FASHER	01	8	24	8	1	3	—	—	38	10	01	8	04	1	0	4	Ci,Ac	—	—	26.3	40	+2	19	0	24	0	3	8	175
	GENEINA											10	8	24	2	1	5	Cb	—	—	27.7	41	—	20	—	39	0	12	—	179
	KADUGLI	03	7	20	5	3	8	Cu	3.6	38	31																		—	187
S. SUDAN	MALAKÂL	03	8	24	2	1	8	Cu,Ac	6.0	33	49	01	8	12	4	2	4	Ci,Ac	10.0	-0.4	25.9	34	-4	21	-2	70	1	108	116	176
	WÂU	03	—	12	2	1	7	—	6	33	16	40	—	20	2	1	9	—	7.7	-1.2	24.5	—	—	23	+1	77	0	169	226	177
	JÛBA	02	8	30	3	2	5	Cu	9.2	37	18																		272	178

UPPER WINDS — الرياح العليا يوم ٢٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRÛH 7 h.	DIKHEILA	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 3 h.	KAREIMA 3 h.	KHARTÛM 7 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKÂL 5 h.	JÛBA	Salum 24th 13 h.
02 10 00	02 36 10		05 13 40	02 04 30	02 26 30	02 05 10	03 04 05	06 02 30	06 16 20	06 19 40	07 21 30	06 18 15		02 30 20
05 19 05	05 01 20		10 07 20	05 12 05	05 05 05	05 20 15	06 03 25	10 01 30	10 04 15	10 19 45	10 26 45	10 21 25		05 26 20
07 31 15	10 31 15		12 12 20	08 13 10	10 17 50	10 15 25	10 04 25	15 35 25	15 04 25	15 18 35	15 30 15	15 21 25		10 26 35
10 32 55	15 27 20		14 16 30	10 13 10		15 09 15	13 06 15	20 33 25	20 34 20	20 20 25	20 03 20	20 24 10		12 25 25
15 31 65	20 22 25		15 19 45	15 18 50				21 32 30	25 31 10	30 21 10	30 05 30	30 03 35		
	25 21 35		20 22 60	20 22 55					30 32 10			32 02 40		
	27 22 45		25 22 70	23 12 65					40 19 20					
			30 21 60	25 22 60					50 18 10					
				29 22 65					60 34 25					
									70 29 15					

Forecast for 24 hours from noon on 25th

Moderate to fresh winds from northwest to northeast.
Much cloud at times, decreasing.
Temperature slightly below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٥
رياح بين معتدلة والشديدة نوعا بين شمالية غربية وشمالية شرقية
يكثر السحاب احيانا ولكنه سيتناقص.
تهبط درجة الحرارة دون المعدل قليلا ما

STATION	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp °C on 24th	Diff. from normal
Alexandria	76	+8	19.1	+3.6
Ezbekiya	25	-27	18.6	+1.8
Gîza	30	-22	19.1	+2.9
Helwân	18	-22	16.2	+2.0

Gîza Grass minimum on 25th 9.9 °C

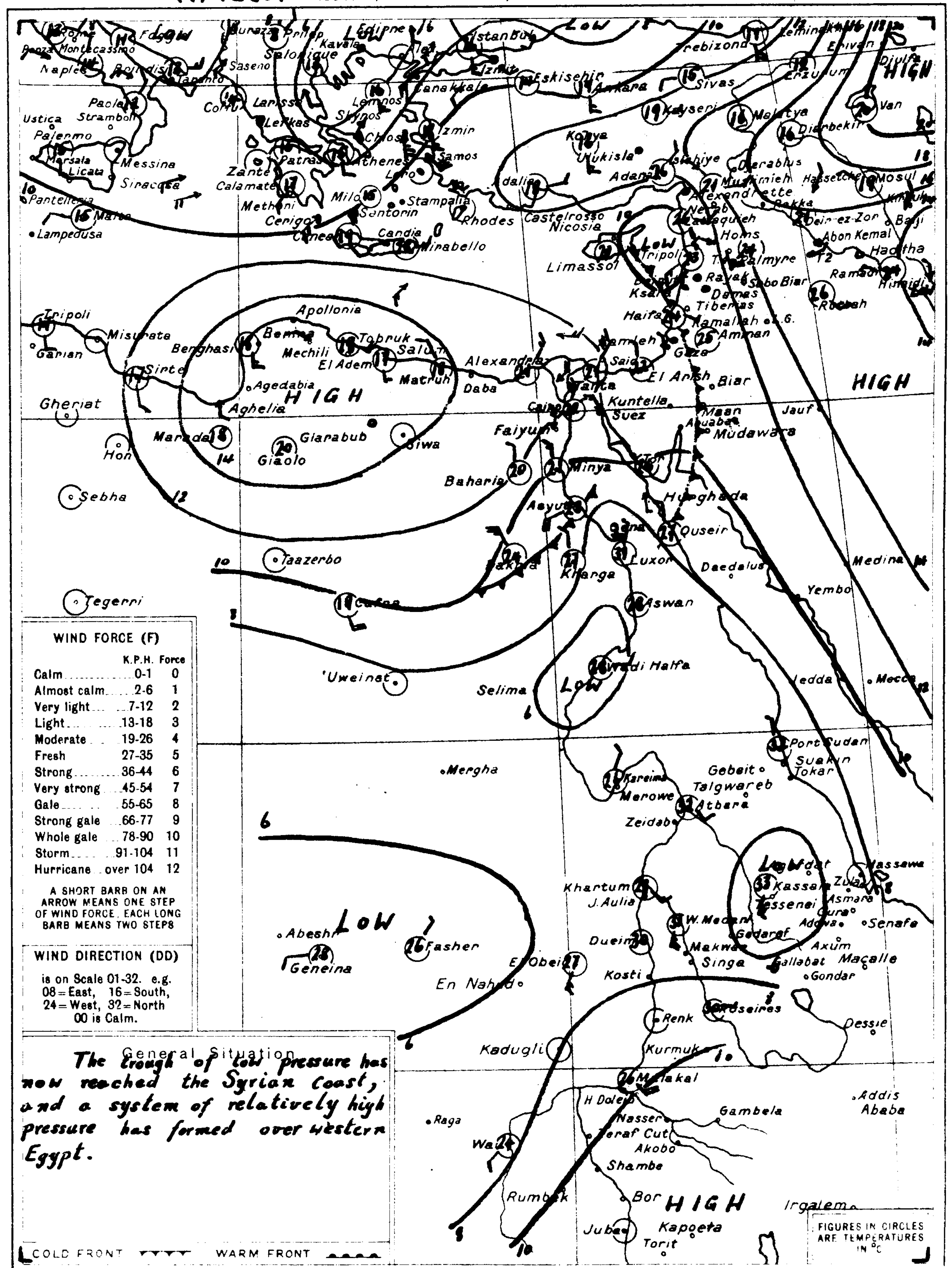
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
25-4	937	787
24-4	850	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-4	13.50	+0.12	13.60	+0.23
Nasser	24-4	5.70	+0.26	5.73	+0.29
Malakâl	25-4	10.50	+0.42	10.51	+0.42
Roseires	25-4	11.66	+0.34	11.70	+0.37
Sennâr Res	24-4	16.19	—	16.30	—
J. Aulia U.S	24-4	373.40	—	373.38	—
J. Aulia D.S	24-4	371.55	+0.69	371.53	+0.67
Khartûm	25-4	10.65	+0.66	10.60	+0.62
Kh. el Girba					
'Atbara	24-4	10.35	+0.38	10.35	+0.38
Kajnarti	24-4	132.57	+0.71	132.55	+0.69
Aswân Res.	25-4	120.20	—	120.21	—
Aswân D.S.	25-4	85.76	+0.16	85.66	+0.07
Rôda (Cairo)	25-4	15.78	+0.25	15.75	+0.25

Printed by the Survey & Mines Dept. 1938 (38/584)

١٩٣٩-٤-٢٥ Isobars, Wind and Temperature at 8 h. 25-4-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation
The trough of low pressure has now reached the Syrian Coast, and a system of relatively high pressure has formed over western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 25th — الساعة ٨ يوم ٢٥

STATION محطة	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	03	5	00	0	2	8	—	10.3	-2.5	22	—	—	—	—	—	0	603	437
Haifa	02	—	10	1	—	5	—	11.0	-0.8	23.9	38	+13	20	+6	62	0	548	638
Gaza	02	5	32	1	0	5	As	11.6	-0.8	23	—	—	17	+4	55	—	—	371
Siwa 24th	31	3	26	5	2	8	Sc	8.8	-5.9	19.3	40	+9	18	+5	69	dr	7	8
Baharia 24th	02	9	00	0	1	4	—	6.7	—	24.0	39	—	24	—	27	0	1	—
SHIPS سفن	30336		25806		20301			15863		92151		62205						

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h m 05 47
" " Sunset 18 29

Month APRIL 1939 ١٩٣٩ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F

At 14 h. on 25th الساعة ١٤ يوم ٢٥

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
Mediterranean										
SALUM	00	8	02	5	0	0	—	13.8	18.8	57
MATRUH	01	7	04	3	0	2	Sc	13.6	20.3	80
DIKHEILA	05	7	32	4	1	5	Cs	14.4	19.3	73
ALEXANDRIA	02	9	02	3	2	5	Ac	13.9	21.0	69
DAMIETTA										
PORT SAID	02	8	04	5	2	5	Sc	12.4	23.5	67
EL 'ARISH	03	7	32	2	—	6	Cu	12.0	21.0	90
Lower Egypt										
DAMANHUR										
MANSURA										
TANTA	03	6	02	5	2	8	As	11.8	26.5	34
ZAGAZIG	01	8	04	2	1	3	As	11.9	27.9	40
Middle Egypt										
CAIRO ALMAZA	02	8	02	5	2	5	Cs	11.1	28.4	39
CAIRO EZBEKIYA	02	7	04	1	2	5	Ac	9.9	28.4	40
CAIRO GIZA	21	7	02	4	5	5	Ac	10.8	27.7	46
HELWAN	05	7	02	5	2	6	Cb	9.6	27.8	32
SUEZ	02	8	32	1	1	5	Sc	10.6	29.6	38
Upper Egypt										
FAIYUM	03	7	06	3	2	8	As	8.7	27.5	39
MINYA	02	7	30	3	2	5	As	8.3	30.2	30
ASYUT	02	5	22	3	1	5	Cc	7.4	35.1	30
QENA	01	7	20	1	1	4	Cc	5.8	41.0	20
LUXOR	01	8	26	2	1	4	Ci	5.6	41.5	23
ASWAN	00	7	00	0	0	0	—	3.4	43.0	04
Western Desert										
SIWA	02	8	06	1	1	5	Cu	12.7	29.0	—
BAHARIYA	00	9	00	0	0	0	—	10.7	30.0	25
KHARGA	00	8	04	2	0	0	—	5.4	37.9	32
DAKHLA	03	5	30	5	1	6	Cc	8.7	31.9	37
Red Sea										
TOR	02	6	28	3	0	4	Cc	9.3	29.0	74
HURGHADA	02	9	10	3	2	5	Ci	8.2	31.2	52
QUSEIR	00	7	06	2	0	0	—	8.7	31.4	54
PORT SUDAN	01	—	08	2	0	3	—	8	31	85
North Sudan										
WADI HALFA	00	9	12	2	0	0	—	2.4	44	07
KAREIMA	00	8	24	3	0	0	—	3.5	43	11
'ATBARA	01	—	14	2	0	3	—	2	44	10
KHARTUM	00	8	20	3	0	0	—	2.0	44	08
KASSALA	01	8	10	2	0	4	Cu	1.3	41	17
Central Sudan										
WAD MEDANI	01	—	26	4	0	3	—	2	41	25
DUEIM	01	—	—	3	0	3	—	4	40	10
RENK	02	7	22	1	1	4	—	4.3	37	20
ROSEIRES	01	—	24	1	0	3	—	4	40	10
EL OBEID	01	8	00	0	0	4	Cu	1.9	40	20
EL FASHER	01	8	14	2	0	3	—	—	39	10
GENEINA	03	7	28	4	9	7	Cu,Ac	—	34	39
KADUGLI	01	7	12	4	1	4	Cu	4.6	33	28
S. Sudan										
MALAKAL	01	8	20	3	1	2	Cu,Ac	4.4	36	28
WAU	01	—	20	1	0	3	—	4	35	35
JUBA	01	8	20	2	0	3	Cu,Ac	4.9	33	25

At 8 h. on WEDNESDAY 26th الأربعاء ٢٦ الساعة ٨ يوم

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Rain Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALUM	00	7	00	0	0	0	—	16.4	+0.2	17.3	24	—	11	—	77	0	81	—	130
MATRUH	00	7	30	3	0	0	—	15.6	+1.3	16.7	21	-3	12	-2	81	0	122	158	131
DIKHEILA	01	8	32	4	1	4	Ac	16.4	—	17.7	20	—	17	—	65	dr	94	—	150
ALEXANDRIA	02	9	02	2	2	4	Ac	15.6	+1.5	18.0	22	-3	16	0	71	dr	165	183	132
DAMIETTA	02	8	32	5	5	4	Ac	14.3	—	19.1	22	—	16	—	74	dr	70	104	159
PORT SAID	12	7	28	5	5	5	Ns	14.6	+1.9	20.2	25	+1	18	+1	74	dr	64	77	134
EL 'ARISH	21	7	02	3	9	8	Cu	13.3	—	19.3	27	—	—	—	95	dr	130	90	135
DAMANHUR	02	7	02	3	2	5	Cu	15.8	+1.7	19.2	—	—	—	—	66	0	29	100	136
MANSURA	02	5	32	2	1	4	Sc	15.5	—	18.7	27	-2	16	+3	70	dr	46	52	137
TANTA	02	6	32	2	1	5	Cs	14.4	-0.2	19.0	27	-3	15	+2	72	1	41	39	138
ZAGAZIG	01	7	30	3	2	4	Cc	15.1	—	20.9	28	-1	16	+4	69	dr	31	27	139
CAIRO ALMAZA	21	1	28	3	5	4	Ac	15.6	—	18.3	29	—	16	—	66	dr	18	—	141
CAIRO EZBEKIYA	02	7	32	4	9	5	Ac	14.8	+1.6	19.0	29	-1	17	+3	62	tr	23	25	—
CAIRO GIZA	02	6	02	2	9	5	As	15.0	+1.0	18.3	28	-2	16	+4	68	tr	23	26	—
HELWAN	21	6	30	4	5	5	Sc	14.3	+0.7	18.3	29	-1	15	0	58	dr	26	28	143
SUEZ	03	7	28	4	1	6	Sc	13.9	+0.2	20.0	31	+1	18	+2	70	0	27	17	144
FAIYUM	02	7	32	5	1	5	Sc	14.0	+0.2	19.4	29	-3	17	+3	57	0	7	8	153
MINYA	21	5	30	5	5	8	Ac	12.7	-1.0	19.0	31	-1	18	+4	54	dr	4	—	154
ASYUT	03	5	30	4	2	8	Sc	11.5	-1.5	19.8	36	+3	19	+3	65	0	2	4	155
QENA	03	7	22	3	2	8	Sc	8.2	-4.4	28.3	43	+6	23	+5	44	[illegible]	dr	—	156
LUXOR	03	8	02	2	2	6	Cs	8.3	—	32.0	44	—	25	—	39	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	5.3	-6.5	30.3	45	+7	25	+5	31	0	1	—	158
SIWA	00	8	00	0	0	0	—	16.3	+1.7	22.0	30	-1	15	-2	58	0	7	8	148
BAHARIYA	02	9	32	1	1	4	—	15.1	—	19.0	30	—	16	—	54	0	1	—	149
KHARGA	03	6	32	4	2	8	As	11.0	-1.7	22.5	38	+3	21	+4	55	0	dr	tr	151
DAKHLA																		—	152
TOR	03	4	32	3	1	6	Ns	10.3	-2.0	26.5	33	+4	22	+5	70	0	20	13	145
HURGHADA	13	7	30	5	2	6	As	10.7	-1.3	23.7	32	+2	21	+4	70	0	1	—	146
QUSEIR	02	7	02	2	1	4	Ac	9.5	-2.5	26.8	32	+3	21	0	77	0	tr	6	147
PORT SUDAN	00	—	16	1	2	0	—	7.6	-2.8	32.0	33	0	24	+7	69	0	8	108	169
WADI HALFA	05	6	28	2	3	1	Ac	5.2	-6.2	28.9	45	+7	22	+4	14	—	—	—	165
KAREIMA	00	8	04	2	0	0	—	5.9	-4.1	32.0	44	+3	24	+2	24	0	1	1	166
'ATBARA	00	—	16	2	0	0	—	5.4	-2.9	34.7	44	+4	26	+4	31	0	6	3	167
KHARTUM	03	8	06	2	1	8	Cs	6.0	-2.0	30.3	45	+4	23	0	25	0	3	5	168
KASSALA	00	8	32	1	0	0	—	3.9	-3.4	33.7	42	+1	26	+2	31	0	16	13	170
WAD MEDANI	00	—	06	3	0	0	—	5.5	-2.1	32.0	42	0	25	+2	19	0	18	15	171
DUEIM	00	—	—	3	0	0	—	5.5	-2.8	35.4	42	+1	25	+4	23	0	15	14	173
RENK									—			—		—				—	182
ROSEIRES	00	—	14	1	0	0	—	5.3	-2.5	33.5	42	+2	25	+3	39	0	41	54	172
EL OBEID	01	8	20	3	0	4	Ci	5.7	-3.9	30.0	41	+2	24	+4	47	0	13	22	174
EL FASHER	03	8	00	0	2	6	Ci,Sc	—	—	29.0	40	+2	24	+5	40	0	3	8	175
GENEINA	03	8	16	4	2	6	Ac,As	—	—	23.7	34	—	19	—	53	dr	12	—	179
KADUGLI																		—	187
MALAKAL	01	8	18	2	1	3	Cs,Ac	7.0	-2.6	29.0	37	-1	23	0	58	0	108	117	176
WAU	01	—	20	4	0	4	—	6.3	-2.6	29.5	37	+1	24	+2	59	0	169	228	177
JUBA	01	8	20	2	0	4	Sc	8.9	-1.7	26.0	35	0	23	+1	76	0	458	276	178

UPPER WINDS (الرياح العليا ٢٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7h	MATRUH 7h	DIKHEILA	CAIRO 8h30m	HELWAN 8h30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 4h	KHARTUM 6h	KASSALA 7h	EL OBEID 6h	MALAKAL 6h	JUBA	Salum 25th 13h
02.00.00	02.33.15		02.01.30	02.36.35	02.36.30	02.01.05	03.02.15	06.02.15	06.25.15	06.03.05	07.21.30	06.22.25		02.01.30
05.01.30	05.33.15		05.02.30	05.01.45	05.01.35	05.15.05	06.07.20	10.02.15	10.26.15	10.05.20	10.22.35	10.20.20		05.28.30
10.34.35	10.34.40		10.36.30	08.36.40	10.32.35	10.15.05	10.07.15	15.36.20	15.20.10		15.23.30	16.18.20		10.29.20
15.31.40	15.32.90		12.30.15	10.35.30	15.26.30	15.16.20	15.12.05	20.34.20	20.19.10		20.25.20	20.07.15		15.29.25
20.31.40	18.36.120		13.28.10	15.08.30	20.24.35		20.15.05		25.12.15		30.30.20	30.06.30		20.30.40
25.31.70			15.11.10	20.17.30			30.15.10		30.11.20			40.08.25		
			16.13.20	23.18.56			33.16.05		40.09.25			43.09.35		
			20.18.36	25.19.75					50.35.10					
			25.14.60						60.35.25					
									70.36.35					

Forecast for 24 hours from noon on 26th
Moderate to fresh winds from north-west to north.
Much low cloud at times.
Possibly scattered showers in eastern Egypt, with thunder.
Conditions gradually becoming less unsettled. Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦
رياح بين المعتدله والنسيمه وبين شماليه غربيه وشماليه
يكثر السحاب المنخفض احيانا.
يحتمل تساقط مطر خفيف مصحوب برعد في جهات متفرقة بشرقي القطر المصري.
تستقر حالة الطقس تدريجيا وتستمر مائلا الى البرودة

Station	Mean of day Humidity on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	73	+5	17.1	+1.5
Ezbekiya	54	+2	17.5	+0.6
Giza	55	+3	17.7	+1.4
Helwan	42	+2	16.2	+2.0

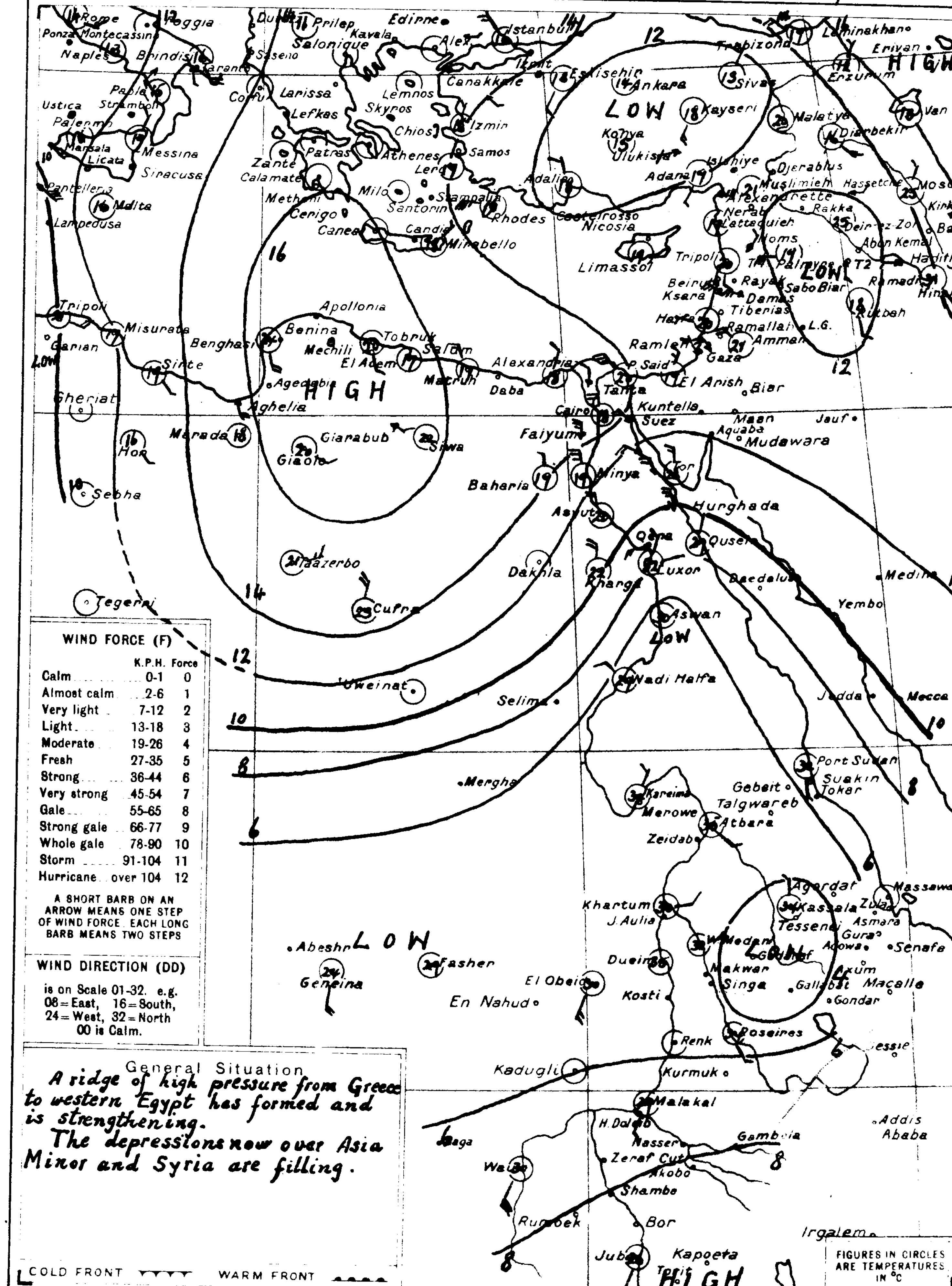
Giza Grass minimum on 26th 15.0 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
26-4	937	786
25-4	937	787

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
[illegible]a	26-4	13.44	+0.04	13.42	+0.03
N[illegible]er	25-4	5.66	+0.21	5.70	+0.26
Malakal	26-4	10.47	+0.39	10.50	+0.42
Roseires	26-4	11.66	+0.33	11.66	+0.34
Sennar Res	25-4	16.08	—	16.19	—
J. Aulia U.S	25-4	373.38	—	373.40	—
J. Aulia D.S	25-4	371.69	+0.73	371.55	+0.69
Khartum	25-4	10.65	+0.46	10.60	+0.42
Kh. el Girba					
Atbara	25-4	12.35	+0.38	10.35	+0.38
Kajnarty	25-4	132.60	+0.73	132.57	+0.71
Aswan Res.	26-4	120.18	—	120.20	—
Aswan D.S.	26-4	85.77	+0.17	85.76	+0.16
Roda (Cairo)	26-4	15.73	+0.25	15.73	+0.25

Isobars, Wind and Temperature at 8 h. 26-4-39 ٢٦-٤-٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation
A ridge of high pressure from Greece to western Egypt has formed and is strengthening.
The depressions now over Asia Minor and Syria are filling.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 26th الساعة ٨ يوم ٢٦

Station	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	03	6	08	2	2	8	—	12.7	-0.1	19	—	—	—	—	—	dr	603	438
Haifa	02	—	26	1	—	4	—	13.4	+1.6	19.9	25	0	18	+4	90	3	551	639
Gaza	03	6	30	3	1	8	Cl	13.1	+0.7	20	—	—	16	+3	85	—	—	372
Siwa 25th	00	8	00	0	0	0	—	14.3	-0.6	18.9	38	+7	15	+2	79	0	7	8

SHIPS

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)
Clear; Partly cloudy; Cloudy; Overcast; Low Fog; Thin Haze; Dust Devils; Distant Lightning; Light Mist or Haze; Distant Fog; Rain in sight; Thunder, no rain; Distant Duststorm; Squally; Slight Duststorm; Rain in past hour; Slight Thunderstorm; Heavy Thunderstorm; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick " " "; Fog in patches; Drizzle 50-59; Rain; Rain and Fog; Rain and Snow; Snow; Showers; " of Snow; " of Sleet; " of Hail; Thunderstorm; " ended, now Rain 91; " with Hail; " with Duststorm; " heavy, with Hail

PAST WEATHER (W)
Clear, slight cloud 0; Variable sky 1; Mainly overcast 2; Sandstorm, Duststorm 3; Fog, thick dust haze 4; Drizzle 5; Rain 6; Snow, sleet 7; Showers 8; Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0; 200 " 1; 500 " 2; 1 Kilometre 3; 2 " 4; 4 " 5; 10 " 6; 20 " 7; 50 " 8; Visible over 50 kms. 9

CLOUD AMOUNT (N)
Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 tenths 7; Overcast 8; Fog or Dust 9

CLOUD FORM (C)
Cirrus Ci; Cirro cumulus Cc; Cirro stratus Cs; Alto-stratus As; Alto cumulus Ac; Strato cumulus Sc; Stratus St; Nimbus Nb; Nimbo stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

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CAIRO
Time of Sunrise 05 h 16 m
" " Sunset 18 h 29 m

Month **APRIL** 1939 ١٩٣٩ شهر أبريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

.١٩٣٩-٤-٢٧

At 14 h. on 26th — الساعة ١٤ يوم ٢٦

	STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	°C Temp TTT	% Humidity UU
MEDITERRANEAN	SALÛM	00	8	04	2	0	0	—	15.9	21.5	70
	MATRÛH	00	7	30	3	0	0	—	15.9	19.2	85
	DIKHEILA	01	8	30	4	1	3	Sc	15.8	18.4	70
	ALEXANDRIA	02	9	30	3	2	4	Ac	14.6	20.2	64
	DAMIETTA										
	PORT SAÎD	02	8	04	5	6	9	Sc	13.9	21.8	64
	EL 'ARÎSH	02	7	30	4	1	5	Cu	12.3	20.5	86
LOWER EGYPT	DAMANHÛR										
	MANSÛRA										
	TANTA	00	7	32	3	0	0	—	12.8	25.0	44
	ZAGÂZIG	01	8	04	4	1	3	Cs	13.4	25.4	38
MIDDLE EGYPT	CAIRO ALMÂZA	02	8	32	3	2	5	Cs	13.4	23.8	46
	CAIRO EZBEKÎYA	02	8	32	2	1	5	Cs	12.7	24.5	45
	CAIRO GÎZA	02	7	30	1	2	5	As	13.0	24.0	48
	HELWÂN	05	7	30	5	2	6	Sc	11.9	24.1	35
	SUEZ	03	8	30	3	1	6	Sc	10.2	24.3	54
UPPER EGYPT	FAIYÛM	03	8	32	5	2	7	Sc	12.3	26.4	27
	MINYA	02	7	28	3	1	5	As	11.5	26.4	28
	ASYÛT	03	6	26	4	2	8	Cb	9.5	26.6	33
	QENA	03	6	24	3	2	8	Cs	6.8	36.8	28
	LUXOR	03	8	30	3	2	8	Cs	5.6	36.2	27
	ASWÂN	01	7	00	0	1	3	Cu	2.3	42.8	14
WESTERN DESERT	SÎWA	00	8	06	3	0	0	—	14.7	29.4	26
	BAHARÎYA	02	9	32	1	1	4	—	12.8	27.0	20
	KHÂRGA	21	5	32	5	2	8	As	9.3	28.1	44
	DÂKHLA	03	4	02	5	3	7	As	11.4	28.3	18
RED SEA	TÔR	03	4	28	4	2	8	Ns	7.9	23.1	90
	HURGHÂDA	13	7	30	4	2	6	As	8.4	26.2	66
	QUSEIR	02	7	02	2	1	4	Ac	8.6	27.4	68
	PORT SUDAN	02	—	08	1	0	5	—	8	32	65
NORTH SUDAN	WÂDI HALFA	01	8	26	2	3	1	Ac	2.3	43	11
	KAREIMA	01	8	12	3	0	2	Ac	2.1	45	20
	'ATBARA	04	—	12	2	0	—	—	2	45	10
	KHARTÛM	03	8	24	2	0	8	—	0.2	45	—
	KASSALA	01	8	32	3	0	2	Cu	—	42	12
CENTRAL SUDAN	WAD MEDANI	02	—	14	2	0	5	—	0	43	10
	DUEIM	01	—	—	3	0	3	—	2	42	10
	RENK	01	7	18	1	1	4	—	1.5	41	20
	ROSEIRES	01	—	22	2	0	3	—	4	41	10
	EL OBEID	02	8	24	3	0	4	Cu	0.5	40	24
	EL FÂSHER	02	8	30	3	2	5	—	—	40	10
	GENEINA	03	7	26	2	2	8	Cu	—	36	17
	KADUGLI	02	7	26	4	1	4	Cu	3.7	39	28
S. SUDAN	MALAKÂL	03	8	28	4	2	6	Cu	2.3	37	31
	WÂU	02	—	16	1	0	5	—	3	38	45
	JÛBA	02	8	28	2	0	5	Cu	4.3	35	45

At 8 h. on THURSDAY 27th — الساعة ٨ يوم الخميس ٢٧

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALÛM	00	8	00	0	0	0	—	18.6	+2.5	18.4	23	—	14	—	42	0	81	—	130
MATRÛH	00	7	08	1	0	0	—	17.8	+3.6	20.0	23	-4	12	-2	73	0	122	158	131
DIKHEILA	01	7	32	3	1	1	Sc	18.2	—	18.1	19	—	17	—	70	0	94	—	150
ALEXANDRIA	00	9	04	2	0	0	—	17.6	+3.5	19.0	22	-3	16	0	71	0	165	183	132
DAMIETTA	01	8	28	3	1	3	Ac	16.6	—	19.0	20	—	16	—	72	dr	70	104	159
PORT SAÎD	02	8	28	4	1	4	Sc	16.8	+4.1	19.6	23	-1	17	0	70	dr	64	77	134
EL 'ARÎSH	02	7	28	2	1	5	Cu	16.2	—	19.9	24	—	17	—	76	0	130	92	135
DAMANHÛR	01	7	04	3	1	2	Cu	17.9	+3.8	20.2	—	—	15	+3	57	0	29	100	136
MANSÛRA	01	7	32	2	1	4	Sc	17.1	—	19.5	25	-4	15	+2	56	0	46	52	137
TANTA	02	7	32	2	1	5	Cu	17.6	+3.0	19.5	26	-5	15	+2	59	0	41	39	138
ZAGÂZIG	00	7	02	4	0	0	—	17.9	—	20.2	25	-5	14	+1	57	0	31	27	139
CAIRO ALMÂZA	02	7	32	4	2	5	Ac	17.8	—	18.0	25	—	13	—	65	0	18	—	141
CAIRO EZBEKÎYA	02	6	04	4	1	4	Cu	17.2	+4.0	19.0	27	-3	13	-2	63	0	23	25	—
CAIRO GÎZA	02	7	32	3	2	5	Cu	17.5	+3.5	18.7	26	-4	12	0	65	0	23	26	—
HELWÂN	01	7	32	5	0	4	Sc	17.4	+3.9	17.1	25	-5	14	-1	58	0	26	28	143
SUEZ	02	8	32	3	1	5	Sc	16.8	+3.2	18.4	26	-4	17	+1	69	0	27	17	144
FAIYÛM	01	7	26	4	0	3	Cu	17.4	+3.7	18.0	27	-5	13	-1	60	0	7	8	153
MINYA	00	6	32	4	0	0	—	15.9	+2.3	17.8	27	-5	14	0	61	0	4	—	154
ASYÛT	00	6	28	4	0	0	—	15.6	+2.6	17.5	29	-4	14	-2	66	0	2	4	155
QENA	00	7	22	5	0	0	—	11.4	-1.2	23.0	38	+1	20	+2	54	0	dr	—	156
LUXOR	01	8	30	1	1	4	Ci	11.6	—	27.1	39	—	20	—	44	0	dr	—	157
ASWÂN	02	7	02	4	1	5	Cu	10.2	-1.6	25.4	44	+6	24	+4	32	0	1	—	158
SÎWA	00	8	00	0	0	0	—	18.8	+4.2	18.0	30	-1	9	-4	64	0	7	8	148
BAHARÎYA	00	9	32	1	0	0	—	17.9	—	17.0	28	—	12	—	70	0	1	—	149
KHÂRGA	00	8	32	3	0	0	—	14.4	+1.8	20.2	28	-8	17	0	59	dr	dr	tr	151
DÂKHLA	00	6	30	4	0	0	—	16.3	+3.1	19.0	31	-5	15	-1	65	dr	dr	—	152
TÔR	01	4	28	5	1	4	Cb	10.8	-1.4	22.0	26	-3	20	+3	82	0	20	13	145
HURGHÂDA	01	8	30	5	1	4	Cu	11.5	-0.4	21.6	29	-1	19	+2	53	0	1	—	146
QUSEIR	01	1	32	4	0	1	Ci	11.0	-1.0	24.5	28	-1	20	-1	63	0	tr	6	147
PORT SUDAN	06	—	20	1	0	0	—	10.6	+0.2	31.0	35	+2	28	+6	75	0	8	108	169
WÂDI HALFA	03	8	30	5	1	7	Ac As	10.3	-1.1	24.8	44	+6	23	+4	28	—	—	—	165
KAREIMA	05	7	32	4	0	4	Ac	7.3	-2.7	32.0	46	+5	27	+5	24	0	1	1	166
'ATBARA	00	—	14	2	1	0	—	5.5	-2.8	36.8	45	+5	29	+7	21	0	6	3	167
KHARTÛM	05	7	04	1	1	1	Ac	5.9	-2.1	32.2	45	+4	27	+4	19	0	3	5	168
KASSALA	01	8	14	3	0	3	Ac	5.1	-2.2	34.0	44	+3	27	+3	22	0	16	13	170
WAD MEDANI	00	—	22	4	0	0	—	5.3	-2.3	33.8	44	+2	25	+2	32	0	18	15	171
DUEIM	00	—	—	3	0	0	—	6.0	-2.3	34.6	45	+4	28	+7	31	0	15	14	173
RENK																		—	182
ROSEIRES	00	—	14	1	0	0	—	6.8	-1.1	33.0	44	+4	25	+3	33	0	41	55	172
EL OBEID	03	8	20	3	1	6	Ci	6.9	-2.7	30.6	42	+3	26	+6	42	0	13	22	174
EL FÂSHER	03	8	04	1	2	6	Cs, As	—	—	28.5	42	+4	24	+5	29	0	3	8	175
GENEINA	03	8	00	0	2	6	Cs, Ac	—	—	23.4	39	—	19	—	59	dr	12	—	179
KADUGLI																		—	187
MALAKÂL	03	8	14	3	2	7	Ac, As	8.7	-0.9	27.2	39	+1	23	0	55	dr	108	118	176
WÂU	03	—	28	2	6	7	—	8.1	-0.8	25.5	38	+2	23	+1	76	7	176	230	177
JÛBA	01	8	18	1	0	4	Ac	10.0	-0.7	26.0	36	+1	21	-1	76	10	458	280	178

UPPER WINDS الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 5 h.	KHARTÛM 7 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JÛBA	Salum 26th 13 h.
02 00 00	02 06 10		02 02 20	02 03 30	02 34 30	02 36 25	03 01 25	06 02 30	06 01 25	06 10 35	07 21 30	06 17 20		02 05 10
05 08 20	05 01 25		05 03 45	05 03 40	05 36 45	05 35 40	06 04 45	10 01 30	10 03 20	10 10 50	10 24 40	10 15 30		05 36 30
10 03 20	10 36 40		10 03 35	08 03 35	10 36 45	10 36 20	10 04 20	15 35 25	15 03 25	15 07 15	15 30 15	15 20 15		10 35 30
15 02 20			15 01 35	10 03 25	15 36 30	15 34 15	11 03 25	20 33 25	20 01 25	20 36 25	20 01 15	20 17 15		15 32 25
20 32 35			17 01 20	15 01 30		20 23 15		21 32 30	30 36 20	30 02 10		30 04 25		20 32 50
25 33 60				20 28 15		25 20 15			40 03 15			40 05 40		
				23 29 20		30 21 10			50 08 15			48 07 45		
				25 29 15		35 19 15			52 08 15					
				26 27 15										

Forecast for 24 hours from noon on 27th

Moderate north to northeast winds, fresh at times.
Occasional medium cloud.
Remaining cool.
Further outlook: temperature gradually rising.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٧
رياح معتدلة بين شمالية وشمالية شرقية تنشط نوعا أحيانا .
يظهر بعض السحب المتوسط الارتفاع أحيانا .
يستمر الطقس مائلا إلى البرودة .
وفيما بعد سترتفع درجة الحرارة تدريجيا

STATION	Mean of day Humidity % 26th	Diff. from normal	Wet bulb temp °C 26th	Diff. from normal
Alexandria	75	+7	15.5	-0.2
Ezbekiya	55	+3	15.8	-1.2
Giza	60	+8	15.9	-0.5
Helwân	50	+10	14.7	+0.4

Giza Grass minimum on 27th 10.3 °C

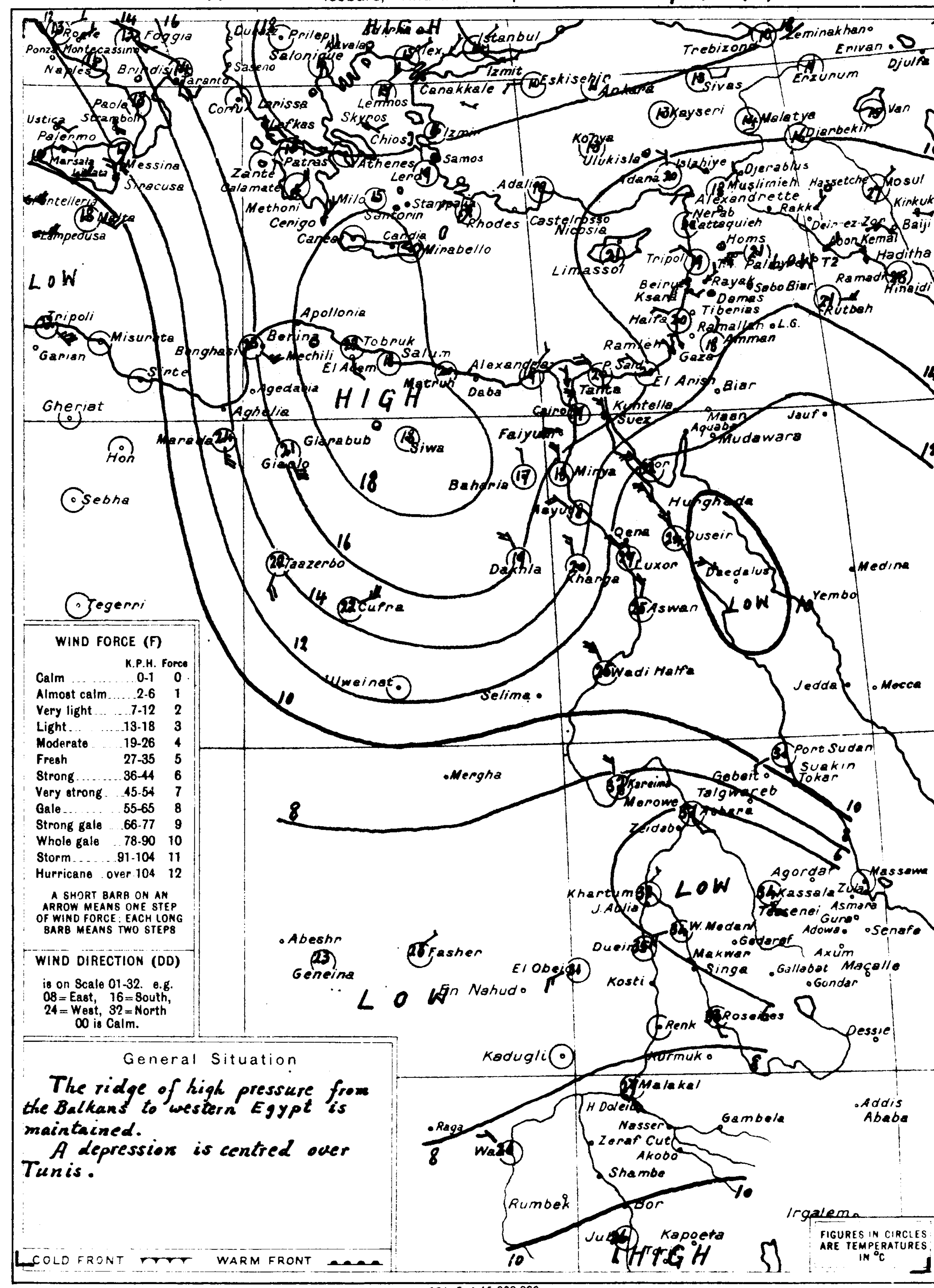
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
27-4	937	787
26-4	937	786

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26-4	13.44	+0.04	13.42	+0.03
Nâsser	26-4	5.63	+0.15	5.66	+0.21
Malakâl	27-4	10.45	+0.38	10.47	+0.39
Roseires	27-4	11.66	+0.31	11.66	+0.33
Sennâr Res	26-4	15.92	—	16.08	—
J. Aulia U.S	26-4	373.28	—	373.38	—
J. Aulia D.S	26-4	371.62	+0.75	371.59	+0.73
Khartûm	27-4	10.68	+0.45	10.67	+0.46
Kh. el Girba	—	—	—	—	—
'Atbara	27-4	10.37	+0.39	10.36	+0.38
Kajnarti	26-4	132.63	+0.70	132.60	+0.73
Aswân Res.	27-4	120.09	—	120.18	—
Aswân D.S	27-4	85.78	+0.17	85.77	+0.17
Rôda (Cairo)	27-4	15.77	+0.29	15.73	+0.25

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 27-4-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The ridge of high pressure from the Balkans to western Egypt is maintained.
A depression is centred over Tunis.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1.15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 27th — الساعة ٨ يوم ٢٧

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	00	0	0	0	—	14.7	+1.9	21	—	—	—	—	—	0	603	438
Haifa	03	—	26	1	—	7	—	14.6	+2.9	20.2	—	—	18	+4	84	1	552	639
Gaza	02	7	28	1	0	4	Ac	16.2	+3.9	20	—	—	16	+3	65	Rain	—	372
Dakhla 26th	03	3	02	4	3	7	As	11.2	-2.0	23.0	33	-3	21	+5	38	0	dr	—
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 05 15
Sunset 18 30

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر ابريل

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
At 14 h. on 27th (الساعة ١٤ يوم ٢٧) / **At 8 h. on FRIDAY 28th** (الساعة ٨ يوم الجمعة ٢٨)																													
MEDITERRANEAN																													
SALÛM	00	9	08	2	0	0	—	16.8	24.0	20	02	7	12	2	2	5	As	16.2	+0.2	16.4	25	—	13	—	54	0	81	—	130
MATRÛH	00	7	32	2	0	0	—	17.2	19.9	64	00	7	10	2	0	0	—	16.4	+2.2	18.2	21	-3	11	-3	73	0	122	158	131
DIKHEILA	01	8	32	4	1	1	Cu	17.4	19.0	62	01	7	00	0	1	1	Sc	17.6	—	19.2	19	—	16	—	63	0	94	—	150
ALEXANDRIA	00	9	04	3	0	0	—	16.7	19.8	72	02	9	04	1	2	4	Ac	16.8	+2.7	20.0	21	-4	16	0	66	0	165	183	132
DAMIETTA											01	8	02	2	1	2	Ac	16.2	—	19.2	20	—	14	—	75	0	70	105	159
PORT SAÏD	00	8	28	4	1	0	—	16.6	22.6	63	01	8	04	2	1	3	Cc	15.4	+2.7	19.2	23	-1	16	-1	72	0	64	77	134
EL 'ARÎSH	01	7	30	3	1	4	Cu	15.0	21.0	83																	130	90	135
MIDDLE EGYPT																													
DAMANHÛR											00	7	06	2	0	0	—	17.0	+2.9	19.0	23	-5	11	-1	64	0	29	101	136
MANSÛRA											00	8	02	2	0	0	—	16.3	—	18.9	26	-3	13	0	63	0	46	53	137
TANTA	00	7	32	4	0	0	—	15.2	25.0	34	00	7	00	0	0	0	—	16.8	+2.2	17.0	26	-5	9	-5	70	0	41	39	138
ZAGÂZIG	00	8	02	4	0	0	—	15.0	26.4	39	00	7	30	2	0	0	—	16.4	—	20.4	27	-3	12	-1	67	0	31	27	139
CAIRO ALMÂZA	01	8	04	3	0	2	Ci	15.0	25.8	44	00	7	02	3	0	0	—	16.4	—	18.4	27	—	13	—	71	0	18	—	141
CAIRO EZBEKIYA	05	8	02	1	1	1	Cu	14.2	26.8	34	00	6	32	2	0	0	—	15.8	+2.6	18.3	28	-2	13	-2	70	0	23	25	—
CAIRO GÎZA	01	8	02	2	1	2	Cu	14.4	26.8	36	01	6	02	1	0	3	Sc	16.2	+2.2	19.0	28	-2	11	-1	69	0	23	26	—
HELWÂN	01	8	32	4	0	1	Ci	14.0	25.1	26	00	7	02	3	0	0	—	15.8	+2.3	18.0	27	-3	14	-1	63	0	26	28	143
SUEZ	00	9	02	3	0	0	—	14.0	24.2	52	00	8	32	3	0	0	—	15.5	+2.0	19.8	26	-4	15	-2	72	0	27	17	144
UPPER EGYPT																													
FAIYÛM	00	8	02	4	0	0	—	13.9	26.9	34	00	8	32	1	0	0	—	17.4	+3.7	19.0	28	-4	12	-2	62	0	7	8	153
MINYA	01	8	32	3	1	4	As	12.8	27.1	29	00	5	32	4	0	0	—	15.2	+1.6	15.9	28	-4	12	-2	72	0	4	—	154
ASYÛT	01	7	30	4	1	3	As	11.6	28.0	24	00	7	26	3	0	0	—	14.8	+1.8	18.0	30	-3	13	-3	62	0	2	4	155
QENA	00	6	20	5	0	0	—	7.6	33.5	28	00	8	22	5	0	0	—	11.8	-0.7	22.7	36	-1	18	0	43	0	dr	—	156
LUXOR	00	8	02	3	0	0	—	9.1	34.5	26	00	8	14	1	0	0	—	11.9	—	26.7	36	—	15	—	40	0	dr	—	157
ASWÂN	00	7	32	4	0	0	—	5.8	37.0	20	02	7	30	2	1	4	Cu	10.6	-1.1	24.9	37	-1	22	+2	23	0	1	—	158
WESTERN DESERT																													
SÎWA	02	8	00	0	1	4	Cu	15.9	29.1	65	00	8	08	3	0	0	—	15.6	+1.0	19.0	30	-1	17	+4	63	0	7	8	148
BAHARÎYA	00	9	00	0	0	0	—	14.3	26.5	22	00	9	00	0	0	0	—	16.8	—	16.0	28	—	12	—	74	0	1	—	149
KHÂRGA	00	8	32	4	0	0	—	12.2	28.0	34	00	8	04	3	0	0	—	13.8	+1.2	21.4	29	-7	17	0	53	0	dr	tr	151
DÂKHLA	00	8	30	4	1	1	Ci	13.1	28.6	27	00	6	00	0	0	0	—	15.6	+2.5	20.9	30	-6	14	-2	50	0	dr	—	152
RED SEA																													
TÔR	01	4	28	6	2	1	Ci	9.5	24.1	87	00	5	28	3	0	0	—	—	—	22.8	25	-4	18	+1	80	0	20	13	145
HURGHÂDA	01	9	30	4	0	3	Ci	10.4	26.2	64	00	9	30	5	0	0	—	11.4	-0.5	22.7	27	-3	19	+2	61	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	10.6	26.5	62	00	7	32	3	0	0	—	11.2	-0.7	24.2	27	-2	22	+1	61	0	tr	6	147
PORT SUDAN	01	—	08	4	0	3	—	8	34	75	00	—	28	1	0	0	—	10.8	+0.4	32.0	34	+1	28	+6	63	0	8	108	[illegible]
NORTH SUDAN																													
WÂDI HALFA											01	8	32	4	1	4	Cs Ac	11.2	-0.1	24.2	39	+1	21	+2	20	—	—	—	165
KAREIMA											00	8	32	2	0	0	—	8.5	-1.4	32.5	45	+4	21	-1	28	0	1	1	166
'ATBARA	02	—	12	3	0	5	—	2	40	25	00	—	06	2	0	0	—	6.3	-1.9	35.2	45	+5	27	+5	17	0	6	3	167
KHARTÛM	01	8	00	0	1	3	Cu	—	41	10	05	7	32	3	0	1	Ac	5.2	-2.8	33.7	46	+5	30	+7	22	0	3	5	168
KASSALA	01	8	30	2	0	3	Cu	0.9	40	15	00	8	14	4	0	0	—	4.7	-2.6	33.7	44	+3	30	+6	27	0	16	13	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	08	3	1	3	—	0	43	25	00	—	[illegible]	3	0	0	—	4.0	-3.6	34.3	45	+3	30	+7	25	0	18	15	171
DUEIM											00	—	—	3	0	0	—	5.3	-3.0	34.0	45	+4	29	+8	34	0	15	14	173
RENK	03	5	22	4	0	8	Sc	—	38	24									—		—		—						182
ROSEIRES	01	—	04	3	1	3	—	2	43	10	00	—	14	1	0	0	—	7.6	-0.3	31.3	44	+4	24	+2	45	0	41	55	172
EL OBEID											08	4	24	3	1	8	Cs	7.2	-2.4	30.3	42	+3	26	+5	23	0	13	22	174
EL FÂSHER	02	—	06	3	2	5	—	—	39	10	15	7	04	1	0	0	--	—	—	28.1	41	+3	22	+3	27	0	3	8	175
GENEINA	03	8	28	4	0	6	—	—	39	8	00	7	28	2	0	0	—	—	—	25.1	42	—	21	—	22	0	12	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL	01	8	00	0	1	4	Cu	1.3	36	21	03	8	16	3	2	8	Ns Cs	11.0	+1.3	27.0	37	-1	19	-4	71	26	134	118	176
WAU	01	—	12	3	1	3	—	4	36	35	02	—	20	3	0	5	—	10.0	+1.0	27.4	36	0	24	+2	72	0	176	232	177
JÛBA											11	8	00	0	8	7	Cu,Sc	13.0	+2.3	23.8	35	0	22	0	83	dr	458	283	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH	DIKHEILA	CAIRO	HELWÂN 9 h.	ASYÛT	ASWÂN	WÂDI HALFA 4 h.	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JÛBA	Salum 27th 13 h.
02.09.15				02.05.15			03.03.25	06.36.10	06.01.35	06.19.30	07.34.30	06.19.35		02.06.05
05.12.—				05.05.15			06.01.50	10.33.10	10.06.35	10.21.30	10.35.20	10.19.40		05.02.20
10.11.15				08.03.25			10.36.40	15.31.15	15.06.25	15.16.25	15.04.35	15.21.30		10.34.15
15.05				10.02.25			15.26.15	20.30.15	20.05.25	20.13.15		20.22.25		15.35.25
.5.10				15.36.20			20.26.35	30.31.15	30.04.25	30.05.15		30.06.10		20.35.45
20.27.10				20.34.25			25.25.35	31.32.10	40.33.15	40.04.15		40.04.35		25.32.10
25.26.20				23.34.35					45.31.15			50.05.55		30.34.25
30.27.30				25.34.35								56.05.45		35.32.20
35.28.35				30.31.35										38.33.25
40.28.35				33.32.35										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 27th	Diff. from normal	Wet bulb temp °C on 27th	Diff. from normal
Alexandria	75	+7	16.1	+0.4
Ezbekiya	55	+3	15.8	-1.3
Giza	54	+2	16.0	-0.5
Helwân	50	+10	14.1	-0.2

Giza Grass minimum on 28th 10.5 °C

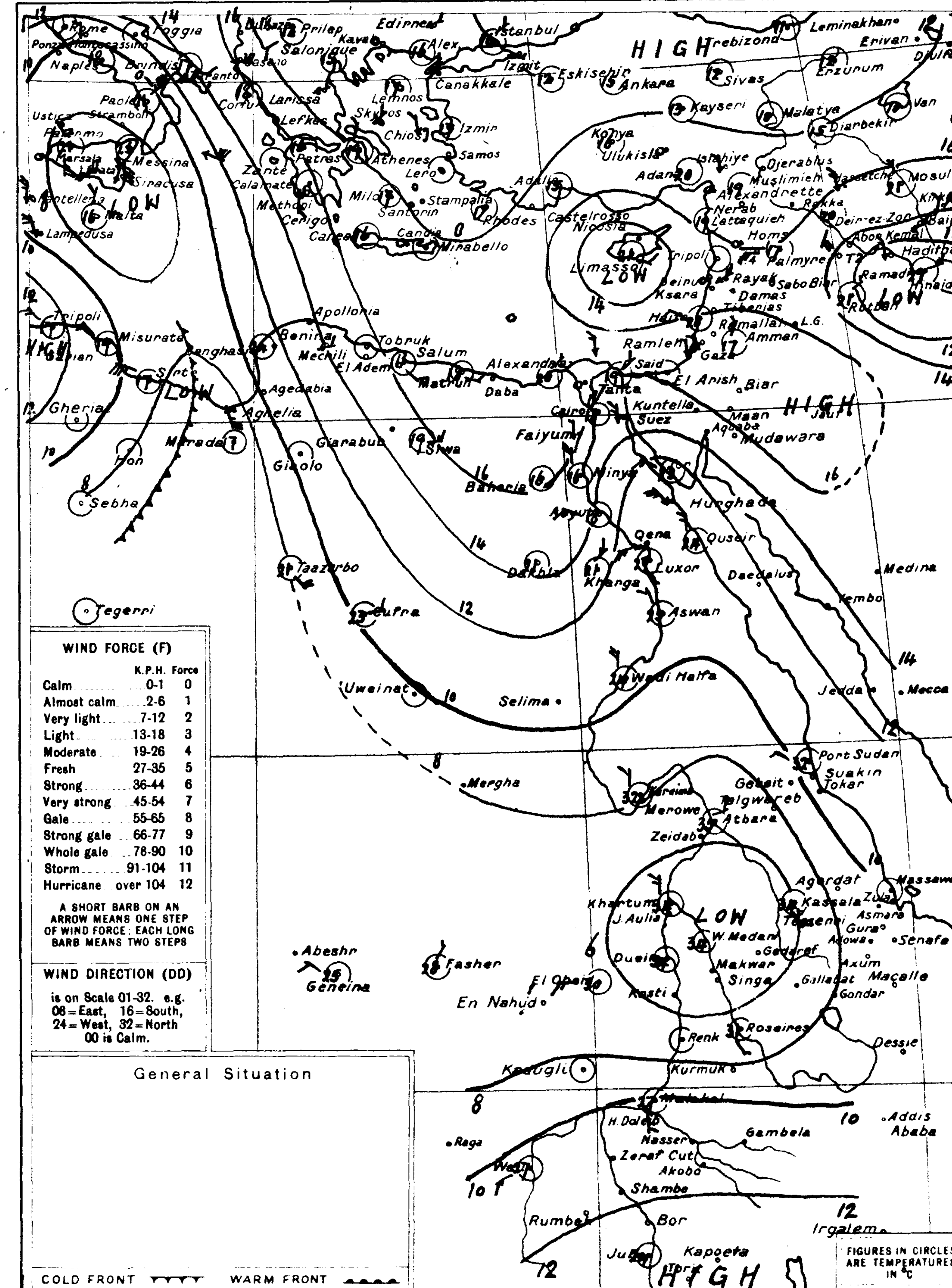
Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
28-4	937	787
27-4	937	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Jûba	28-4	13.44	+0.02	13.44	+0.03
Nasser	28-4	5.63	+0.10	5.61	+0.11
Malakâl	28-4	10.44	+0.38	10.45	+0.38
Roseires	28-4	11.66	+0.26	11.66	+0.31
Sennâr Res	28-4	15.65	—	15.78	—
J. Aulia U.S	28-4	372.98	—	373.18	—
J. Aulia D.S	28-4	371.65	+0.78	371.63	+0.76
Khartûm	28-4	10.67	+0.43	10.68	+0.45
Kh. el Girba					
'Atbara	28-4	10.40	+0.42	10.37	+0.39
Kajnarti	28-4	132.55	+0.67	132.62	+0.75
Aswân Res.	28-4	120.12	—	120.09	—
Aswân D.S.	28-4	85.78	+0.17	85.78	+0.17
Rôda (Cairo)	28-4	15.79	+0.31	15.77	+0.29

Printed by the Survey & Mines Dept. 1938 (38/554)

.١٩٣٩ - ٤ - ٢٨ Isobars, Wind and Temperature at 8 h. 28-4-1939.



SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
At 8 h. on 28th (الساعة ٨ يوم ٢٨)																		
Limassol	00	7	10	2	0	0	—	12.6	-0.2	21	—	—	—	—	—	0	603	439
Haifa	02	—	26	1	—	4	—	16.2	+4.5	19.7	23	-3	18	+4	70	0	552	640
Gaza	03	6	32	1	5	8	Cu	16.4	+4.1	19	—	—	16	+3	85	Rain	—	372
SHIPS																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 5 h 14 m
" " Sunset 18 h 30 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر أبريل

At 14 h. on 28th — الساعة ١٤ يوم ٢٨ | At 8 h. on SATURDAY 29th — الساعة ٨ يوم السبت ٢٩

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT °C	14h UU %	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb TTT °C	Max. yesterday MM °C	Diff. from norm.	Min. today mm °C	Diff. from norm.	% Humidity UU	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
Mediterranean	SALÛM	02	8	04	3	1	5	Ac	15.2	18.7	68	00	7	06	2	0	0	—	12.2	-3.7	15.8	21	—	14	—	87	0	81	—	130
	MATRÛH	02	7	04	2	1	5	As	15.6	20.0	67	01	7	08	2	1	4	Cu	12.4	-1.8	18.9	22	-2	13	-1	—	0	122	158	131
	DIKHEILA	00	8	02	4	0	0	—	16.4	19.2	70	05	7	08	4	1	0	—	13.9	—	18.7	19	—	15	—	77	0	94	—	150
	ALEXANDRIA	00	9	04	3	0	0	—	15.8	21.0	67	00	8	08	2	0	0	—	13.3	-0.8	18.7	23	-2	15	-1	83	0	165	183	132
	DAMIETTA											02	8	12	2	1	4	Ac	13.3	—	20.8	22	—	16	—	81	0	70	105	159
	PORT SAÎD	00	7	04	3	1	0	—	15.9	22.0	70	02	8	04	4	1	4	Sc	14.0	+1.4	20.8	24	0	18	+1	82	0	64	78	134
	EL 'ARÎSH	01	7	32	4	1	3	Cu	14.4	20.8	84	01	7	00	0	1	4	Cu	13.6	—	22.2	22	—	—	—	72	0	130	91	135
Lower Egypt	DAMANHÛR											00	6	08	4	0	0	—	13.8	-0.3	20.2	26	-3	13	0	74	0	29	101	136
	MANSÛRA											00	8	02	2	0	0	—	13.3	—	21.5	27	-3	14	0	68	0	46	53	137
	TANTA	00	7	00	0	0	0	—	15.0	27.0	31	00	7	08	3	0	0	—	13.1	-1.5	20.5	28	-3	14	0	73	0	41	40	138
	ZAGÂZIG	00	8	02	4	0	0	—	14.3	27.4	43	00	8	04	4	0	0	—	13.6	—	22.4	27	-3	14	+1	62	0	31	27	139
Middle Egypt (Cairo)	ALMÂZA	00	8	32	3	0	0	—	13.8	27.0	43	00	8	06	5	0	0	—	13.0	—	21.0	28	—	16	—	71	0	18	—	141
	EZBEKÎYA	00	8	32	3	0	0	—	13.5	27.0	36	00	6	02	5	0	0	—	12.3	-0.9	21.2	29	-1	16	+1	65	0	23	25	—
	GÎZA	00	8	04	2	1	0	—	13.3	27.8	37	00	7	02	2	0	0	—	12.8	-1.5	20.7	28	-2	16	+4	67	0	23	26	—
	HELWÂN	00	8	32	4	0	0	—	13.3	27.1	25	05	6	04	3	0	0	—	11.9	-1.6	21.6	28	-2	15	-1	48	0	26	28	143
	SUEZ	00	9	30	1	0	0	—	12.6	27.7	41	00	8	32	2	0	0	—	12.6	-0.9	19.4	29	-1	15	-2	70	0	27	17	144
Upper Egypt	FAIYÛM	00	8	02	5	0	0	—	12.6	28.6	29	00	7	02	1	0	0	—	11.9	-1.7	20.0	30	-2	15	+1	67	0	7	8	153
	MINYA	00	8	30	3	0	0	—	12.2	29.2	20	02	5	32	1	1	4	Cs	11.0	-2.5	20.0	30	-2	14	-1	65	0	4	—	154
	ASYÛT	00	8	28	3	0	0	—	11.0	31.4	20	00	6	08	1	0	0	—	10.8	-2.1	24.0	33	0	15	-2	41	0	2	4	155
	QENA	00	8	22	2	0	0	—	8.7	36.1	21	00	8	26	2	0	0	—	10.6	-1.8	25.7	38	+1	19	+1	38	0	dr	—	156
	LUXOR	00	8	30	1	0	0	—	8.6	36.0	18	00	8	30	1	0	0	—	10.7	—	25.8	37	—	15	—	33	0	dr	—	157
	ASWÂN	00	7	32	3	0	0	—	7.1	36.0	13	00	7	02	2	0	0	—	9.6	-2.1	23.8	38	0	21	+1	22	0	1	—	158
Western Desert	SÎWA	00	8	10	2	1	0	—	13.0	29.8	54	00	8	06	2	0	0	—	10.2	-4.3	20.0	30	-1	15	+2	72	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	12.7	29.5	17	00	9	00	0	0	0	—	12.2	—	21.0	31	—	15	—	61	0	1	—	149
	KHARGA	00	8	04	3	0	0	—	12.7	30.8	33	00	8	02	1	0	0	—	11.0	-1.5	24.4	32	-4	17	0	58	0	dr	tr	151
	DAKHLA	00	8	04	2	0	0	—	11.9	32.3	20	00	7	00	0	0	0	—	11.1	-1.9	23.0	34	-2	15	-1	38	0	dr	—	152
Red Sea	TÔR	00	6	28	6	0	0	—	10.4	24.5	72	00	6	28	5	0	0	—	10.3	-1.8	22.2	27	-2	19	+2	81	0	20	13	145
	HURGHÂDA	00	9	30	4	0	0	—	8.7	27.7	53	00	9	30	4	0	0	—	10.8	-1.1	23.4	28	-2	21	+3	64	0	1		146
	QUSEIR	00	7	02	2	0	0	—	10.2	25.9	62	00	7	32	3	0	0	—	10.7	-1.1	25.6	27	-2	20	-1	60	0	tr	6	147
	PORT SUDAN											00	—	04	1	0	0	—	9.6	-0.7	30.2	33	0	28	+6	78	0	8	108	1[illegible]9
North Sudan	WÂDI HALFA											00	8	32	2	0	0	—	8.8	-2.5	23.8	36	-2	16	-3	20	—	—	—	165
	KAREIMA											00	8	32	2	0	0	—	8.0	-1.9	31.0	46	+5	25	+3	17	0	1	1	166
	'ATBARA											00	—	10	2	0	0	—	6.4	-1.8	34.8	44	+3	26	+4	20	0	6	3	167
	KHARTÛM											05	6	16	3	1	0	—	6.5	-1.5	32.1	46	+5	27	+3	19	0	3	5	168
	KASSALA											00	8	14	3	0	0	—	7.1	-0.2	29.0	43	+2	25	+1	46	0	16	13	170
Central Sudan	WAD MEDANI											00	—	20	6	0	0	—	6.4	-1.2	31.6	44	+2	25	+2	36	dr	18	15	171
	DUEIM											00	—	—	4	0	0	—	7.5	-0.8	30.6	44	+3	27	+5	43	0	15	14	173
	RENK																													182
	ROSEIRES											00	—	12	1	0	0	—	7.4	-0.6	26.5	40	0	20	-2	58	22	63	56	172
	EL OBEID											00	8	18	3	0	0	—	8.4	-1.2	29.0	42	+3	24	+3	47	0	13	22	174
	EL FÂSHER											00	8	32	1	0	0	—	—	—	23.3	40	+2	19	0	38	0	3	8	175
	GENEINA											00	8	00	0	1	0	—	—	—	24.3	41	—	19	—	26	0	12	—	179
	KADUGLI																													187
S. Sudan	MALAKÂL											03	8	18	2	2	8	Ac,Cs	9.3	-0.4	27.0	35	-2	23	0	53	0	134	119	176
	WÂU											01	—	24	1	2	4	—	9.3	+0.3	24.7	31	-5	22	0	78	1	177	234	177
	JÛBA											01	8	20	3	0	3	Ac	9.4	-1.4	25.2	29	-6	22	0	84	0	458	288	178

UPPER WINDS — الرياح العليا يوم ٢٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 3 h. m.	KHARTÛM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA h. m.	Geneina 5 h. m.
02.11.15	02.11.30		02.06.40	02.06.20	02.12.10	02.01.15	03.02.25	06.26.10	06.24.05	06.20.35	07.21.25	06.10.25		10.07.30
05.11.25	05.11.20		04.06.30	05.08.30	05.07.20	05.05.30	06.02.45	10.28.15	10.03.25	10.20.45	10.19.25	10.09.30		15.12.45
10.16.15	10.12.05		05.07.20	08.05.30	10.04.20	10.03.40	10.36.30	15.07.10	15.05.15	15.25.80	15.03.10	15.07.15		20.09.40
12.20.10	15.17.20		07.07.20	10.03.20	15.34.10	15.01.40	15.02.35	20.34.20	20.05.30	20.25.40		20.13.10		
15.25.10	20.22.20		09.06.25	15.36.10	20.02.10	20.02.35	20.02.45		30.02.35	30.19.15		30.33.20		
20.26.05	25.26.25		10.04.20	20.34.05			24.02.30		40.36.30			34.34.25		
25.27.20	30.27.40		12.04.25	23.27.05					50.35.35					
30.24.35			15.01.10	25.29.10					52.36.45					
34.24.40			18.35.05	30.29.25										
			20.36.05	35.29.45										

Forecast for 24 hours from noon on 29th
Moderate winds chiefly between northeast and southeast.
Clear at first; some high cloud later.
Mild Khamsin conditions developing.
Warmer tomorrow.

تغيرات الطقس للمنطقة في ٢٤ ساعة من ظهر يوم ٢٩
رياح معتدلة الشدة غالبا بين الشمال الشرقي والجنوب الشرقي
السماء صحوا ولو ثم تظهر بعض السحب العالية فيما بعد
وتكون حالات الخماسين المعتدلة مع ازدياد درجة حرارة الجو

Station	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp °C on 28th	Diff. from normal
Alexandria	72	+4	16.4	+0.6
Ezbekiya	58	+6	16.6	-0.6
Giza	56	+4	17.2	+0.6
Helwân	52	+12	15.3	+0.9

Giza Grass minimum on 29th 13.8 °C

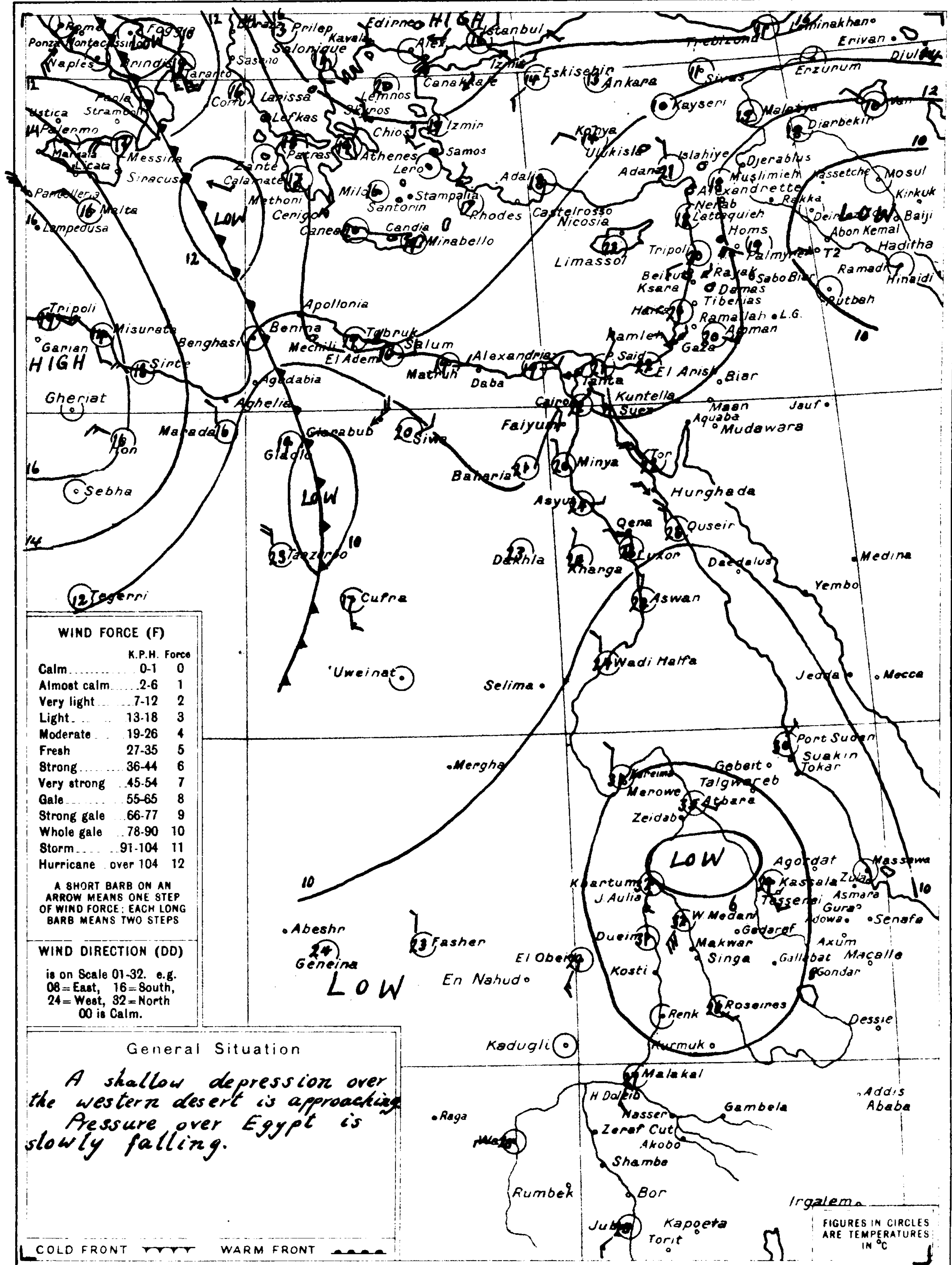
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
29-4	937	787
28-4	937	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-4	13.44	+0.02	13.44	+0.03
Nasser	28-4	5.63	+0.10	5.61	+0.11
Malakâl	27-4	10.42	+0.37	10.44	+0.38
Roseires	29-4	11.67	+0.26	11.66	+0.26
Sennâr Res	28-4	15.65	—	15.78	—
J. Aulia U.S	28-4	372.98	—	373.18	—
J. Aulia D.S	28-4	371.65	+0.78	371.63	+0.76
Khartûm	29-4	10.69	+0.44	10.67	+0.43
Kh. el Girba					
'Atbara	29-4	10.42	+0.44	10.40	+0.42
Kajnarti	28-4	132.55	+0.67	132.62	+0.75
Aswân Res	29-4	120.09	—	120.12	—
Aswân D.S	29-4	85.77	+0.15	85.78	+0.17
Rôda (Cairo)	29-4	15.82	+0.35	15.79	+0.31

Printed by the Survey & Mines Dept. 1938 (38-554)

٢٩-٤-٢٩ Isobars, Wind and Temperature at 8 h. 29 - 4 - 39



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A shallow depression over the western desert is approaching. Pressure over Egypt is slowly falling.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

Kms 200 100 0 — SCALE 1:15,000,000 — 200 400 600 Kms

At 8 h on 29th — الساعة ٨ يوم ٢٩

Station مرصد	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb TTT °C	Max. yesterday MM °C	Diff. from norm.	Min. today mm °C	Diff. from norm.	% Humidity UU	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	03	5	00	0	4	9	—	13.1	+0.3	22	—	—	—	—	—	0	603	440
Haifa	02	—	26	1	—	4	—	13.8	+2.2	21.1	23	-3	18	+4	74	0	552	640
Gaza	02	7	[illegible]	1	0	4	As	14.7	+2.5	22	—	—	16	+3	55	—	—	372
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 05 1.
" " Sunset 18 3

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1939 ١٩٣٩ شهر إبريل

At 4 h. on 29th — الساعة ١٢ يوم ٢٩ | At 8 h. on SUNDAY 30th — الساعة ٨ يوم الأحد ٣٠

Region	Station	ww (4h 29th)	V	DD	F	W	N	C	PPP	TTT	UU	ww (8h 30th)	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff. from norm.	Min Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	…M	01	7	04	3	1	3	Sc	10.8	18.4	86	02	7	30	5	2	5	Sc	14.3	-1.5	17.0	20	—	14	—	72	0	81	—	130
	…ŪH	00	7	06	4	0	0	—	10.4	20.4	80	02	7	28	5	1	5	Cu	12.3	-1.9	18.7	23	-1	17	+3	78	0	122	158	131
	DIKHEILA	05	7	02	4	0	0	—	10.8	20.8	84	01	8	32	5	1	3	Sc	11.1	—	19.0	25	—	18	—	90	0	94	—	150
	ALEXANDRIA	00	9	02	4	0	0	—	10.4	22.7	81	01	9	04	4	2	3	Ac	10.6	-3.4	19.0	23	-2	18	+2	94	0	165	183	132
	DAMIETTA											05	8	02	3	0	0	—	8.2	—	21.0	24	—	19	—	82	0	70	105	159
	PORT SAÎD	01	8	04	4	1	1	—	11.6	23.8	71	02	6	04	5	1	4	Cc	8.6	-4.0	21.2	24	-1	19	+2	87	0	64	78	134
	EL 'ARÎSH	00	7	02	4	1	0	—	12.0	22.6	76	00	7	00	0	0	0	—	7.5	—	22.3	23	—	—	—	74	0	130	91	135
LOWER EGYPT	DAMANHÛR											01	7	24	3	1	2	Cu	9.8	-4.3	21.2	32	+3	17	+4	74	0	29	101	136
	MANSÛRA											00	8	32	3	0	0	—	7.9	—	22.2	30	0	17	+3	72	0	46	53	137
	TANTA	00	7	00	0	0	0	—	9.5	31.5	35	00	7	04	3	0	0	—	8.6	-5.9	22.0	32	+1	17	+3	74	0	41	40	138
	ZAGÂZIG	00	8	04	2	0	0	—	9.9	31.8	28	02	7	02	3	1	4	Cc	7.6	—	22.8	32	+2	17	+4	75	0	31	27	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	06	2	0	0	—	9.4	34.4	26	01	7	06	3	1	3	Sc	8.3	—	21.4	35	—	16	—	75	0	18	—	141
	CAIRO EZBEKIYA	00	8	04	3	0	0	—	8.8	34.0	15	01	6	28	2	1	4	Ac	7.4	-5.7	21.8	36	+6	17	+2	75	0	23	25	—
	CAIRO GÎZA	00	8	00	0	0	0	—	8.3	33.7	21	02	6	30	1	1	5	Sc	7.8	-6.1	21.0	34	+4	15	+3	78	0	23	26	—
	HELWÂN	00	7	14	2	0	0	—	7.6	35.8	07	05	6	04	2	0	0	—	7.1	-6.4	21.4	38	+8	15	-1	62	0	26	28	143
	SUEZ	00	9	32	1	0	0	—	8.7	32.4	19	00	8	16	1	0	0	—	5.9	-7.5	25.0	34	+4	17	0	57	0	27	17	144
UPPER EGYPT	FAIYÛM	00	7	12	1	0	0	—	8.3	34.8	22	00	8	02	1	0	0	—	6.8	-6.8	21.7	38	+6	16	+2	60	0	7	8	153
	MINYA	03	7	32	2	1	6	Cs	8.3	33.3	20	01	6	24	3	1	2	Ci	8.0	-5.5	22.6	35	+3	19	+4	56	0	4	—	154
	ASYÛṬ	00	6	02	2	0	0	—	7.9	34.0	18	00	6	28	3	0	0	—	9.0	-3.9	26.8	38	+5	18	+1	19	0	2	4	155
	QENA	00	8	22	1	0	0	—	8.0	36.8	18	02	7	30	1	1	5	Sc	8.7	-3.7	26.6	39	+2	19	+1	31	0	d	—	156
	LUXOR	00	8	30	1	0	0	—	7.6	37.8	19	01	8	14	1	1	4	Ci	9.0	—	28.2	40	—	18	—	32	0	d	—	157
	ASWÂN	00	7	32	3	0	0	—	5.3	38.8	11	00	7	00	0	0	0	—	8.6	-3.0	26.5	41	+3	22	+2	32	0	1	—	158
WESTERN DESERT	SÎWA	00	8	08	3	0	0	—	6.2	34.4	34	00	8	06	2	0	0	—	14.8	+0.3	19.0	34	+3	14	0	81	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	7.8	36.5	12	02	9	32	1	1	4	—	11.1	—	19.3	38	—	17	—	80	0	1	—	149
	KHÂRGA	00	8	00	0	0	0	—	7.2	38.7	29	00	8	00	0	0	0	—	9.0	-3.5	27.8	40	+4	20	+3	52	0	d	t	151
	DÂKHLA	01	8	28	1	1	1	Ci	8.4	38.6	22	01	5	26	3	1	3	Ci	11.0	-2.0	26.1	40	+4	20	+4	42	0	d	—	152
RED SEA	TÔR	00	6	28	2	0	0	—	7.8	26.5	73	00	6	16	3	0	0	—	6.8	-5.2	28.8	27	-2	23	+5	47	0	20	13	145
	HURGHÂDA	00	9	04	2	0	0	—	8.8	27.3	61																		—	146
	QUṢEIR	00	7	02	2	0	0	—	9.5	26.0	66	02	7	00	0	1	4	As	8.3	-3.5	27.5	28	-1	21	0	60	0	t	6	147
	PORT SUDAN	01	—	04	2	0	4	—	6	32	75	01	—	32	1	2	4	—	9.0	-1.2	30.5	33	0	28	+6	74	0	8	108	169
NORTH SUDAN	WÂDI HALFA	00	9	02	4	0	0	—	2.5	39	11	01	8	22	2	0	3	Ci	7.5	-3.7	28.0	40	+2	18?	-1	22	—	—	—	165
	KAREIMA	00	8	00	0	0	0	—	3.7	43	12	00	8	32	2	0	0	—	7.2	-2.6	32.0	43	+2	24	+2	24	0	1	1	166
	'ATBARA	01	—	14	2	0	4	—	2	43	10	00	—	10	2	0	0	—	6.2	-2.0	34.0	43	+2	26	+4	29	0	6	3	167
	KHARTÛM	00	8	28	2	0	0	—	0.1	44	09	00	8	30	1	0	0	—	6.1	-1.9	32.1	44	+3	28	+4	19	0	3	5	168
	KASSALA	00	8	16	2	0	0	—	0.4	40	22	81	8	14	2	9	6	Cb	7.9	-0.6	29.8	41	0	28	+4	36	d	16	13	170
CENTRAL SUDAN	WAD MEDANI	01	—	20	4	0	4	—	1	42	10	00	—	20	4	0	0	—	5.4	-2.2	34.5	42	0	27	+4	12	0	18	15	171
	DUEIM	01	—	—	2	0	4	—	2	42	10	00	—	—	3	0	0	—	6.6	-1.7	35.0	43	+2	26	+4	12	0	15	14	173
	RENK	01	7	18	2	0	4	—	2.6	39	24									—			—		—				—	182
	ROṢEIRES	01	—	18	1	0	4	—	5	36	25																		56	172
	EL OBEID	00	8	02	1	0	0	—	1.6	39	21	00	8	00	0	0	0	—	7.6	-2.0	30.2	40	+1	24	+3	25	0	13	22	174
	EL FÂSHER	00	8	02	2	0	0	—	—	38	25	00	8	32	1	0	0	—	—	—	22.6	41	+3	17	-2	31	0	3	8	175
	GENEINA	01	8	28	3	0	8	Cu	—	38	16	00	8	32	2	0	0	—	—	—	26.8	40	—	17	—	11	0	12	—	179
	KADUGLI	01	7	20	6	0	2	—	3.4	37	33																		—	187
S. SUDAN	MALAKÂL											01	8	16	2	0	1	Ac	9.3	-0.5	27.1	38	+1	21	-2	66	1	135	119	176
	WÂU	02	—	12	1	0	5	—	5	34	45																		236	177
	JÛBA											01	8	20	2	0	4	Cu	10.5	-0.3	25.2	35	0	22	0	84	d	458	292	178

UPPER WINDS — الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h 30 m.	HELWÂN 8 h 30 m.	ASYÛṬ 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 3 h. m.	KAREIMA 3 h. m.	KHARTÛM 7 h. m.	KASSALA 5 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA h. m.	Salum 2nd 13 h. m.
02.34.35	02.32.30		02.35.20	02.17.05	02.28.25	05.10.30	02.02.20	06.02.15	06.36.40	06.18.20	07.27.10	06.17.30		02.04.15
04.33.40	05.33.40		04.03.20	05.25.15	05.28.40	10.06.25	06.02.20	10.02.15	10.01.50	10.19.35	10.33.05	10.19.40		05.07.20
05.34.15	Ent.C.		Ent.C	10.25.20	10.25.65	15.06.20	10.04.45	15.36.20	15.34.45	15.25.20	15.36.20	15.20.40		10.07.15
Ent.Sc.				15.25.20	15.21.70	20.01.10	15.03.35	20.34.20	20.25.10	20.27.20	20.34.15	20.26.10		15.05.10
				20.22.25			20.01.40		30.20.30	30.29.10	30.28.10	30.–.45		20.34.15
				23.23.25			24.02.35		40.22.25			40.05.35		25.32.10
				25.24.40					50.31.15			50.07.30		26.27.10
									60.31.15			36.05.30		30.24.15
									63.33.15					

Forecast for 24 hours from noon on 30th
Moderate to fresh winds between northeast and northwest.
Some low cloud.
Probability of rain near the coast
Cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣٠ رياح معتدلة الى قوية شمالية شرقية الى شمالية غربية
تظهر بعض السحب المنخفض ويحتمل أن تمطر بالقرب من الساحل
ويميل الطقس الى البرودة

STATION	Mean of day: Humidity % on 29th	Diff. from normal	Wet bulb temp °C on 29th	Diff. from normal
Alexandria	84	+16	18.7	+2.9
Ezbekiya	50	-2	18.3	+1.0
Gîza	47	-5	18.4	+1.7
Helwân	24	-16	15.4	+1.0

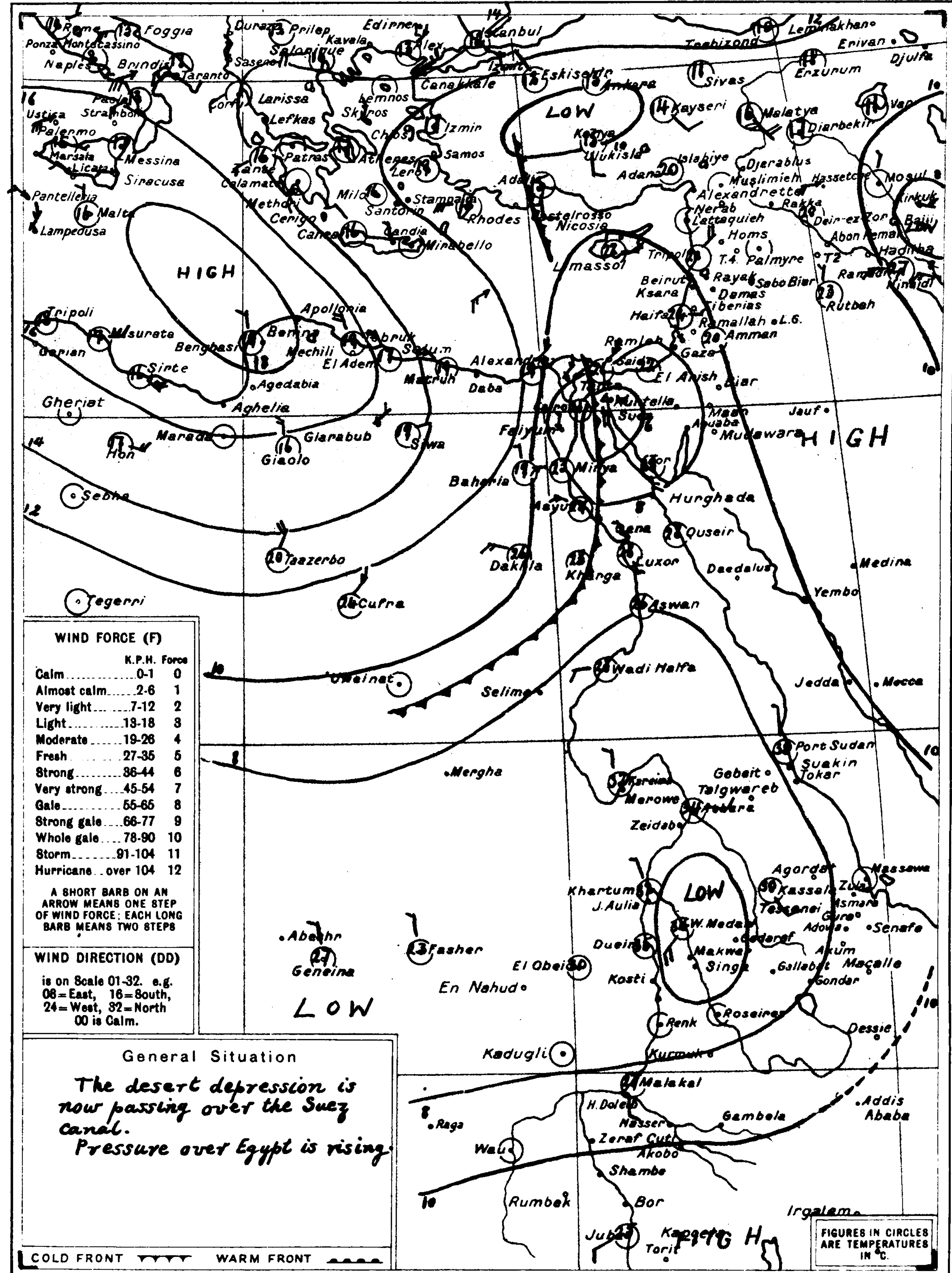
Gîza Grass minimum on 30th 13.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
30-4	937	787
29-4	937	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-4	13.42	-0.03	13.43	0.00
Nâsser	29-4	5.69	+0.13	5.63	+0.10
Malakâl	29-4	10.42	+0.37	10.44	+0.38
Roṣeires	30-4	11.73	+0.31	11.67	+0.26
Sennâr Res.	29-4	15.50	—	15.65	—
J. Aulia U.S	29-4	373.03	—	372.98	—
J. Aulia D.S	29-4	371.62	+0.75	371.65	+0.78
Khartûm	30-4	10.67	+0.42	10.69	+0.44
Kh. el Girba					
'Atbara	29-4	10.42	+0.44	10.40	+0.42
Kajnarti	29-4	132.53	+0.65	132.55	+0.67
Aswân Res.	30-4	120.08	—	120.09	—
Aswân D.S.	30-4	85.77	+0.15	85.77	+0.15
Rôda (Cairo)	30-4	15.82	+0.35	15.82	+0.35

Isobars, Wind and Temperature at 8 h. 30.4.1939. ٣٠-٤-١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation
The desert depression is now passing over the Suez canal.
Pressure over Egypt is rising.

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 Kms. 200 100 0 200 400 600 Kms.

At 8 h. on 30th — الساعة ٨ يوم ٣٠

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max Yesterday	Diff. from norm.	Min Today	Diff. from norm.	% Humidity UU	Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	43	5	10	2	4	9	—	9.3	-3.5	22	—	—	—	—	—	0	603	440
Haifa	00	—	08	1	—	0	—	9.4	-2.2	23.8	23	-3	16	+2	56	0	552	641
Gaza																		373

SHIPS سفن

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 12
" " Sunset 18 32

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٩-٥-١

1417 F.C.

At 14 h. on 30-4 (الساعة ١٤ يوم ٣٠-٤) — At 8 h. on MONDAY 1st (الساعة ٨ يوم الاثنين أول)

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. PPP	14h Temp. TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	SALUM	00	7	02	4	0	0	—	13.9	19.8	67	02	7	30	4	0	4	Cs	16.7	+1.0	17.9	23	—	14	—	72	0	81	—	130
	MATRUH	02	7	28	6	2	5	Cu	12.8	19.7	78	00	7	24	3	0	0	—	15.6	+1.5	18.8	20	-4	15	+1	85	0	122	158	131
	DIKHEILA	01	8	28	5	1	3	Sc	12.0	19.2	82	01	8	26	2	0	1	Sc	15.8	—	18.8	20	—	17	—	82	0	94	—	150
	ALEXANDRIA	01	9	32	5	2	3	Ac	11.2	20.9	67	00	9	28	1	0	0	—	14.8	+0.8	18.6	22	-3	17	+1	78	0	165	183	132
	DAMIETTA											00	8	28	2	1	0	—	13.6	—	19.5	23	—	14	—	79	0	70	165	159
	PORT SAÏD	00	8	04	6	1	0	—	8.4	24.8	64	01	7	28	3	1	3	Ac	13.8	+1.2	20.5	25	0	17	0	78	0	64	78	134
	EL 'ARÎSH	01	7	30	4	1	3	Cs	6.6	23.3	82	01	7	20	2	1	3	Cu	14.3	—	20.1	27	—	—	—	79	0	130	91	135
EGYPT	DAMANHÛR											00	7	28	4	0	0	—	15.4	+1.3	21.3	25	-4	14	+1	65	0	29	101	136
	MANṢURA											01	7	32	1	1	3	Sc	14.2	—	19.8	28	-2	14	0	73	0	46	53	137
	TANTA	00	7	32	3	0	0	—	9.1	26.5	46	00	8	28	2	0	0	—	15.2	+0.7	19.6	27	-4	12	-2	76	0	41	40	138
	ZAGAZIG	00	8	30	4	0	0	—	8.6	28.8	40	02	7	28	2	1	4	Cc	15.4	—	20.4	29	-1	13	0	73	0	31	27	139
MIDDLE EGYPT	ALMAZA	00	8	28	3	1	0	—	8.6	29.4	47	02	7	28	3	1	4	Cu	15.8	—	18.4	30	—	15	—	80	0	18	—	141
	EZBEKIYA	00	8	30	4	1	0	—	8.0	29.5	39	02	6	30	2	1	5	Cu	15.0	+1.9	19.4	30	0	16	+1	75	0	23	25	—
	GÎZA	00	8	02	3	1	0	—	7.9	29.2	38	02	6	32	1	2	5	Cu	15.2	+1.3	18.9	29	-1	15	+3	76	0	23	26	—
	HELWÂN	00	7	30	4	0	0	—	7.4	28.9	36	05	5	32	1	0	2	Cu	15.5	+2.1	17.9	30	0	15	-1	69	0	26	28	143
	SUEZ	00	9	28	4	0	0	—	5.6	31.3	42	02	8	28	2	2	5	Cu	14.8	+1.5	19.1	34	+4	16	-1	74	0	27	17	144
UPPER EGYPT	FAIYÛM	01	7	30	4	0	4	Sc	8.3	30.0	29	01	7	02	2	0	4	Cu	15.6	+2.1	18.8	31	-1	14	-1	67	0	7	8	153
	MINYA	02	7	02	4	2	5	Cs	8.2	30.3	30	00	6	02	4	1	0	—	15.0	+1.6	17.3	31	-1	14	-1	72	0	4	—	154
	ASYÛT	02	6	28	4	1	5	Cc	8.2	32.0	24	00	7	28	3	0	0	—	14.4	+1.5	18.5	33	0	15	-2	63	0	2	4	155
	QENA	03	6	22	4	2	7	Sc	7.1	37.2	20	00	8	26	3	0	0	—	12.0	-0.3	25.8	38	+1	20	+2	32	0	dr	—	156
	LUXOR	02	8	24	3	2	5	Ci	6.7	37.5	18	00	8	02	3	0	0	—	12.7	—	26.5	38	—	20	—	36	0	dr	—	157
	ASWÂN	00	7	00	0	0	0	—	4.7	41.1	14	00	7	32	4	0	0	—	11.6	+0.1	26.5	43	+5	25	+5	26	0	1		158
WESTERN DESERT	SIWA	02	8	26	2	1	4	Cu	12.7	30.0	53																		8	148
	BAHARÎYA	02	9	32	1	1	4	—	10.7	30.0	30	00	9	32	1	0	0	—	16.8	—	17.0	31	—	13	—	75	0	1	—	149
	KHARGA	00	8	04	4	0	0	—	7.6	40.0	30	00	8	32	3	0	0	—	14.2	+1.8	27.1	40	+4	19	+1	44	0	dr.	tr	151
	DAKHLA	01	7	30	4	1	1	Ci	9.1	34.0	39	01	6	06	1	1	3	Ci	13.8	+0.9	23.3	35	-1	18	+2	51	0	dr	—	152
RED SEA	TOR	02	5	16	4	0	4	Ns	4.8	27.7	83	00	6	28	6	0	0	—	9.9	-2.0	22.0	31	+2	21	+3	78	0	20	13	145
	HURGHÂDA	02	8	12	1	2	5	Cc	5.6	29.4	54	00	9	32	3	0	0	—	11.5	-0.3	22.6	34	+3	19	+1	56	0	1	—	146
	QUSEIR	02	7	12	3	1	4	As	7.2	28.5	70	00	7	32	3	0	0	—	10.4	-1.4	25.0	31	+1	22	+1	61	0	tr	6	147
	PORT SUDAN											00	—	08	1	0	0	—	9.3	-0.9	29.8	32	-1	28	+6	81	0	8	108	169
NORTH SUDAN	WÂDI HALFA	00	9	30	3	0	0	—	3.3	41	14	00	8	32	4	0	0	—	10.4	-0.8	28.2	42	+4	23	+4	33	—	—	—	165
	KAREIMA	00	8	32	3	0	0	—	3.6	42	15	00	8	32	3	0	0	—	9.1	-0.7	32.0	43	+2	24	+2	24	0	1	1	166
	'ATBARA											00	—	16	2	3	0	—	6.7	-1.5	34.5	44	+3	23	+1	35	0	6	3	167
	KHARTÛM	01	9	20	2	0	2	Cu	0.4	45	16	05	7	18	1	0	0	—	5.7	-2.3	30.3	45	+4	25	+1	41	0	3	5	168
	KASSALA	01	9	16	3	0	4	Cu	0.7	39	21	01	8	14	2	1	3	Ac	6.4	-1.0	32.0	39	-2	24	0	49	dr	16	13	170
CENTRAL SUDAN	WAD MEDANI											00	—	20	6	0	0	—	5.0	-2.6	34.1	44	+2	26	+3	33	0	18	15	171
	DUEIM	01	—	—	3	0	4	—	0.3	—	25	00	—	—	4	0	0	—	7.1	-1.2	31.6	44	+3	26	+4	37	0	15	14	173
	RENK																												—	182
	ROSEIRES	02	—	14	2	0	5	—	—	35	35	00	—	14	1	0	0	—	7.6	-0.5	30.3	38	-2	20	-3	47	0	63	57	172
	EL OBEID											00	8	20	2	0	0	—	6.4	-3.2	30.0	40	+1	24	+3	41	0	13	22	174
	EL FASHER	05	8	28	2	—	—	—	—	37	—	00	8	08	4	0	0	—	—	—	27.6	40	+2	20	+1	27	0	3	8	175
	GENEINA	02	—	20	4	—	5	Cu	—	—	—	00	8	32	2	0	0	—	—	—	24.8	41	—	17	—	11	0	12	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											01	8	20	3	1	3	Cs	8.6	-1.2	28.0	38	+1	23	0	67	0	135	120	176
	WAU	02	—	08	2	0	5	—	4	37	45	03	—	16	1	6	7	—	7.7	-1.4	25.2	38	+2	22	0	74	9	186	238	177
	JUBA	02	8	20	3	0	5	Cu	6.1	—	—	25	8	22	3	8	6	Sc	9.8	-1.1	25.8	33	-2	22	0	69	dr	458	295	178

UPPER WINDS (الرياح العليا)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRÛH 7 h.	DIKHEILA	CAIRO 8 h.	HELWÂN 8.30 h.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 3 h.	KAREIMA 4 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 5 h.	MALAKÂL 7 h.	JUBA	SALUM 30-4 13 h.
02.33.20	02.31.20		02.35.15	02.36.15	02.33.20	02.35.40	03.03.30	06.03.30	06.00.00	06.00.00	07.23.30	06.20.30		02.35.30
05.06.15	05.36.35		05.01.15	05.36.30	05.01.30	05.35.45	06.02.60	10.02.35	10.03.25	10.17.10	10.30.15	10.19.45		05.30.40
10.35.10	10.35.35		ent. Cu.	08.01.15	10.01.35	10.36.70	10.36.70	15.35.40	15.03.35	15.16.10	15.35.25	15.19.35		10.32.30
15.35.35	15.34.60			10.02.40	15.35.45	15.35.80	15.32.25	20.35.35	20.03.25	20.17.10	20.35.20	20.16.10		15.34.55
20.34.40				15.01.45	20.33.60		20.31.15		25.36.25		30.28.10	30.06.40		16.33.60
25.34.50				20.36.30			25.31.15		30.35.25		40.09.25	33.06.40		
30.33.60				23.36.30					40.02.05					
35.33.55									50.07.15					
									60.35.45					
									70.34.70					

Forecast for 24 hours from noon on 1st

Moderate to fresh northerly winds, becoming northeasterly later.
Mainly clear, high cloud developing tomorrow. Little change in temperature today then becoming gradually warmer.

تغيرات الطقس المنتظر في ٢٤ ساعة من ظهر يوم أول
رياح شمالية بين المعتدل والشديدة تكون قوية ثم تصير شمالية شرقية فيما بعد. السماء صحو على العموم ثم تظهر السحاب العالي غدا. لا تتغير درجة الحرارة اليوم إلا قليلا وبعد ذلك سترتفع تدريجيا.

Station	Mean of day Humidity % on 30-4	Diff. from normal	Wet bulb temp. °C on 30-4	Diff. from normal
Alexandria	87	+19	17.2	+1.3
Ezbekiya	66	+14	18.8	+1.4
Giza	66	+14	18.1	+1.3
Helwân	54	+14	17.3	+2.9

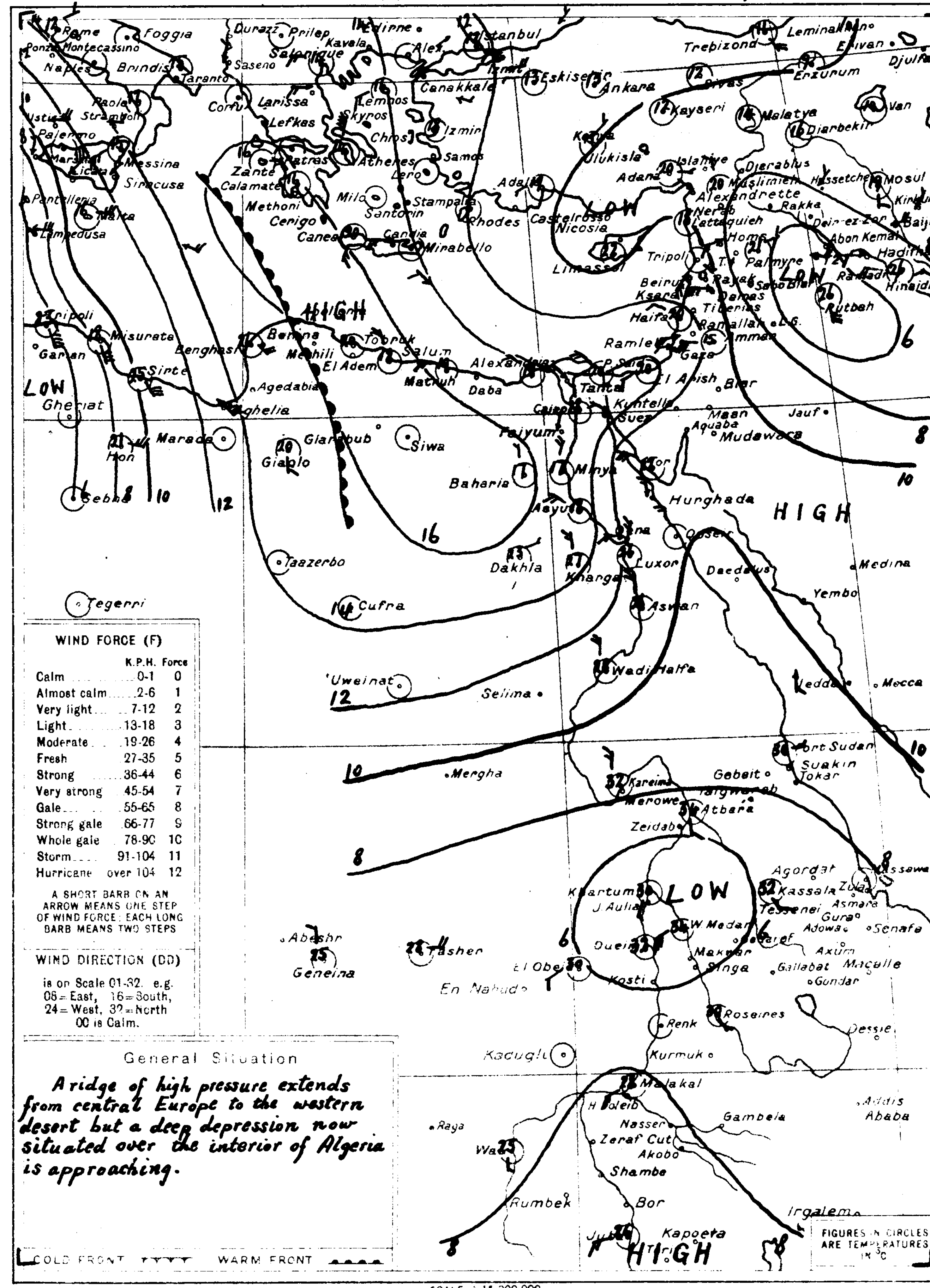
Giza Grass minimum on 1st 13.3 °C

Discharges of Aswan measured by sluices m³ per sec.

Date	1939	1938
1-5	984	787
30-4	937	787

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-4	13.42	-0.03	13.43	0.00
Nâsser	30-4	5.72	+0.13	5.69	+0.13
Malakâl	1-5	10.38	+0.32	10.39	+0.34
Roseires	1-5	11.82	+0.40	11.73	+0.31
Sennâr Res	30-4	15.40	—	15.50	—
J. Aulia U.S	30-4	372.91	—	373.63	—
J. Aulia D.S	30-4	371.63	+0.76	371.62	+0.75
Khartûm	30-4	10.67	+0.42	10.69	+0.44
Kh. el Girba					
'Atbara	30-4	10.42	+0.44	10.42	+0.44
Kajnarti	30-4	132.51	+0.63	132.53	+0.65
Aswân Res	1-5	120.00	—	120.08	—
Aswân D.S	1-5	85.83	+0.21	85.77	+0.15
Rôda (Cairo)	1-5	15.79	+0.32	15.82	+0.35

Isobars, Wind and Temperature at 8 h. 1-5-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A ridge of high pressure extends from central Europe to the western desert but a deep depression now situated over the interior of Algeria is approaching.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

At 8 h. on 1st MAY (الساعة ٨ يوم أول مايو)

Station (محطة)	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	00	0	0	0	—	9.0	-3.7	22	—	—	—	—	—	0	603	441
Haifa	02	—	26	2	—	5	—	12.4	+0.9	20.4	27	+1	16	+1	74	0	552	641
Gaza	02	8	24	1	0	4	Ac	14.3	+2.1	19	—	—	13	0	75	—	—	373
" " 30th	00	9	32	1	0	0	—	8.3	+3.9	24	—	—	13	0	45	—	—	373
Hurghada 30th	01	8	12	1	0	3	Ci	7.5	-4.3	27.3	30	0	—	—	53	0	1	—

SHIPS (سفن): 23350 18106 09301 16862 30634 11002

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 | 38 / 554

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h. m. 05 11
,, ,, Sunset h. m. 18 32

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٩-٥-٢

At 14 h. on 1st — الساعة ١٤ يوم ١ | At 8 h. on TUESDAY 2nd — الساعة ٨ يوم الثلاثاء ٢

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar Pressure M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
[illegible]	02	7	04	2	2	5	Cs	15.4	21.0	51	02	7	00	0	2	5	As	12.2	-3.4	19.2	22	—	17	—	61	0	81	—	130
[illegible]UH	02	7	30	2	2	5	Sc	15.1	20.3	79	03	6	10	3	3	8	St	13.6	-0.5	19.5	21	-3	13	-1	52	0	122	158	131
DIKHEILA	01	7	28	4	1	3	Cs	16.0	20.1	81	05	5	10	1	4	4	Cs	15.8	—	18.5	21	—	11	—	80	0	94	—	150
ALEXANDRIA	01	9	24	3	0	3	Ac	15.5	20.9	72	02	7	00	0	4	4	Ac	15.1	+1.1	19.4	23	-2	15	-1	77	0	165	183	132
DAMIETTA											02	8	28	2	4	4	Cc	15.2	—	19.1	23	—	12	—	56	0	70	105	159
PORT SAÎD	00	7	28	4	1	0	—	13.8	24.0	61	01	7	28	3	1	3	Ac	14.8	+2.2	19.3	25	0	15	-2	85	0	64	78	134
EL 'ARÎSH	00	7	30	3	1	0	—	13.8	22.4	76																		91	135
MIDDLE EGYPT																													
DAMANHÛR											00	7	08	1	0	0	—	16.0	+1.9	20.0	26	-3	10	-3	72	0	29	101	136
[illegible]NŞURA											40	3	18	2	4	0	—	15.4	—	15.3	28	-2	10	-4	94	0	46	53	137
[illegible]TA	00	7	24	3	0	6	—	12.2	28.3	34	02	7	00	0	1	4	Cu	16.4	+1.9	15.6	29	-2	11	-3	93	0	41	40	138
[illegible]AZIG	00	8	28	2	0	0	—	13.8	28.9	30	00	7	20	2	0	0	—	16.0	—	21.2	29	-1	10	-3	71	0	31	27	139
CAIRO ÂLMÂZA	01	8	28	1	1	3	Cs	13.8	27.0	51	05	6	32	1	1	3	Cs	16.2	—	19.7	29	—	14	—	57	0	18	—	141
CAIRO EZBEKIYA	01	8	28	1	1	2	Cs	13.4	27.9	36	05	6	02	2	1	2	As	15.1	+2.0	20.0	30	0	14	-1	57	0	23	25	—
CAIRO GÎZA	01	8	02	2	2	2	Cs	12.8	27.6	31	00	6	30	1	0	0	—	15.4	+1.5	19.7	29	-1	10	-2	59	0	23	26	—
HELWÂN	01	7	30	4	0	2	Ci	13.0	26.8	26	00	6	06	2	0	0	—	15.0	+1.6	21.1	28	-3	15	-1	23	0	26	28	143
SUEZ	00	9	04	2	1	0	—	13.1	25.0	35	01	7	32	2	0	1	Ac	14.7	+1.5	19.8	29	-1	14	-3	55	0	27	17	144
UPPER EGYPT																													
FAIYÛM	02	8	02	2	1	4	Sc	13.3	28.2	23	00	8	32	1	0	0	—	14.2	+0.7	19.1	29	-3	12	-3	44	0	7	8	153
MINYA	01	7	30	4	1	3	As	12.2	27.8	30	00	6	32	1	0	0	—	13.9	+0.6	19.8	29	-3	12	-3	55	0	4	—	154
ASYÛT	01	7	30	3	1	3	Cc	11.6	29.1	19	00	6	22	3	0	0	—	13.8	+1.0	21.8	31	-2	14	-3	44	0	2	4	155
QENA	01	8	28	1	1	3	Sc	9.0	34.8	21	00	8	26	2	0	0	—	12.2	0.0	23.6	37	0	17	-1	43	0	d	—	156
LUXOR	01	8	32	2	0	2	Ci	9.4	33.5	22	00	8	14	2	0	0	—	13.1	—	21.0	35	—	16	—	66	0	d	—	157
ASWÂN	00	7	30	4	0	0	—	9.0	33.3	10	00	7	32	2	0	0	—	12.0	+0.5	23.1	35	-3	19	-1	27	0	1	—	158
WESTERN DESERT																													
SÎWA	01	8	00	0	1	4	Cu	14.6	30.4	53	00	8	00	0	0	0	—	13.3	-1.1	21.8	32	+1	15	+1	51	0	7	8	148
BAHARÎYA	00	9	00	0	0	0	—	13.9	29.0	16	00	9	08	2	0	0	—	14.7	—	21.5	30	—	12	—	35	0	1	—	149
KHÂRGA	00	8	32	3	0	0	—	12.4	30.2	35	00	8	32	2	0	0	—	13.1	+0.7	24.5	32	-4	16	-2	46	0	d	t	151
DÂKHLA	00	8	06	2	0	0	—	12.4	31.3	37	01	7	00	0	1	4	Ci	13.0	+0.1	24.1	32	-4	15	-1	46	0	d	—	152
RED SEA																													
TÔR	01	6	28	6	0	1	Ci	9.1	25.5	69	00	6	28	3	0	0	—	12.0	+0.1	23.8	27	-3	16	-2	73	0	20	13	145
HURGHÂDA	01	9	02	3	1	3	St	10.2	27.2	49	00	9	30	3	0	0	—	13.0	+1.3	24.2	30	-1	17	-1	45	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	10.7	28.0	39	00	7	32	3	0	0	—	12.3	+0.5	25.0	29	-1	20	-2	53	0	tr	6	147
PORT SUDAN											00	—	04	2	3	0	—	12.2	+2.1	30.0	32	-1	27	+4	63	d	81	108	149
NORTH SUDAN																													
WÂDI HALFA											01	8	02	2	0	1	Ci	11.6	+0.5	23.3	38	0	17	-2	38	—	—	—	165
KAREIMA											00	8	28	3	0	0	—	10.9	+1.2	27.0	43	+2	23	+1	20	0	1	1	166
'ATBARA											00	—	02	4	3	0	—	8.2	+0.1	33.0	43	+2	27	+4	32	0	6	3	167
KHARTÛM											18	6	02	4	0	0	—	7.3	-0.7	32.6	44	+3	26	+2	08	0	3	5	168
KASSALA											01	8	04	3	0	3	Ac	4.4	-3.0	35.0	41	0	25	+1	28	0	16	13	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	02	4	0	0	—	5.9	-1.7	34.5	44	+2	26	+3	14	0	18	15	171
DUEIM											00	—	—	3	0	0	—	6.3	-2.0	32.4	44	+3	29	+7	19	0	15	15	173
RENK																			—		—	—	—	—				—	182
ROSEIRES											00	—	26	1	0	0	—	7.0	-1.1	33.0	41	+1	21	-2	43	0	63	59	172
EL OBEID											00	8	06	2	0	0	—	7.2	-2.4	32.1	41	+2	24	+3	33	0	13	22	174
EL FASHER											00	8	14	4	0	0	—	—	—	29.2	39	+1	22	+3	14	0	3	8	175
GENEINA											01	8	08	1	1	4	Cc/Ac	—	—	23.4	42	—	16	—	18	0	12	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	18	3	2	6	Cc/Ac	7.4	-2.4	28.3	35	-2	25	+2	67	0	135	123	176
WÂU											00	—	20	1	0	0	—	6.1	-3.0	28.6	35	-1	24	+2	68	0	186	243	177
JÛBA											01	8	20	2	0	3	Ac	8.1	-2.8	28.0	34	-1	27	+5	70	0	458	298	178

UPPER WINDS [illegible]

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 1st
7 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	5 h. m.	6 h. m.	7 h. m.	7 h. m.	13 h. m.
02.00.00							03.04.15	06.25.10	06.01.40	06.09.15	07.07.25	06.20.25	06.18.05	02.02.10
05.12.35							06.07.30	10.25.10	10.03.35	10.08.20	10.08.30	10.19.20	10.23.10	05.02.10
10.13.30							10.04.25	15.26.15	15.01.50	15.06.20	15.06.50	15.18.25	15.25.15	10.01.25
15.17.25							15.36.30	20.29.10	20.34.25	20.04.20	20.05.45	20.18.20	20.27.30	15.34.25
20.24.20							20.35.55	30.01.15	30.30.15		30.08.15	30.03.45	30.25.10	20.34.35
25.26.30							30.34.40		40.25.15			40.06.40	38.16.10	25.32.25
30.27.40							35.32.50		50.25.10			50.08.40		30.33.15
35.28.50									60.07.15			51.08.40		32.35.25
40.28.55									63.06.10					
45.28.60														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 1st	Humidity Diff. from normal	Wet Bulb Temp °C on 1st	Wet Bulb Diff. from normal
Alexandria	82	+13	16.8	+0.8
Ezbekiya	55	+2	16.5	-1.0
Giza	59	+7	16.6	-0.3
Helwân	47	+7	14.9	+0.5
Giza Grass minimum	2nd		6.0 °C	

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
2.5	984	787
1.5	984	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2.5	13.40	-0.07	13.42	-0.04
Nasser	2.5	5.70	+0.05	5.70	+0.08
Malakâl	2.5	10.38	+0.31	10.38	+0.32
Roseires	2.5	11.74	+0.31	11.82	+0.40
Sennâr Res	2.5	15.26	—	15.31	—
J. Aulia U.S	2.5	372.55	—	372.83	—
J. Aulia D.S	2.5	371.60	+0.72	371.60	+0.72
Khartûm	2.5	10.62	+0.36	10.66	+0.40
Kh. el Girba	—	—	—	—	—
'Atbara	2.5	10.42	+0.43	10.42	+0.43
Kajnarti	2.5	132.52	+0.66	132.51	+0.64
Aswân Res	2.5	119.99	—	120.00	—
Aswân D.S	2.5	85.85	+0.22	85.83	+0.21
Rôda (Cairo)	2.5	15.79	+0.31	15.79	+0.32

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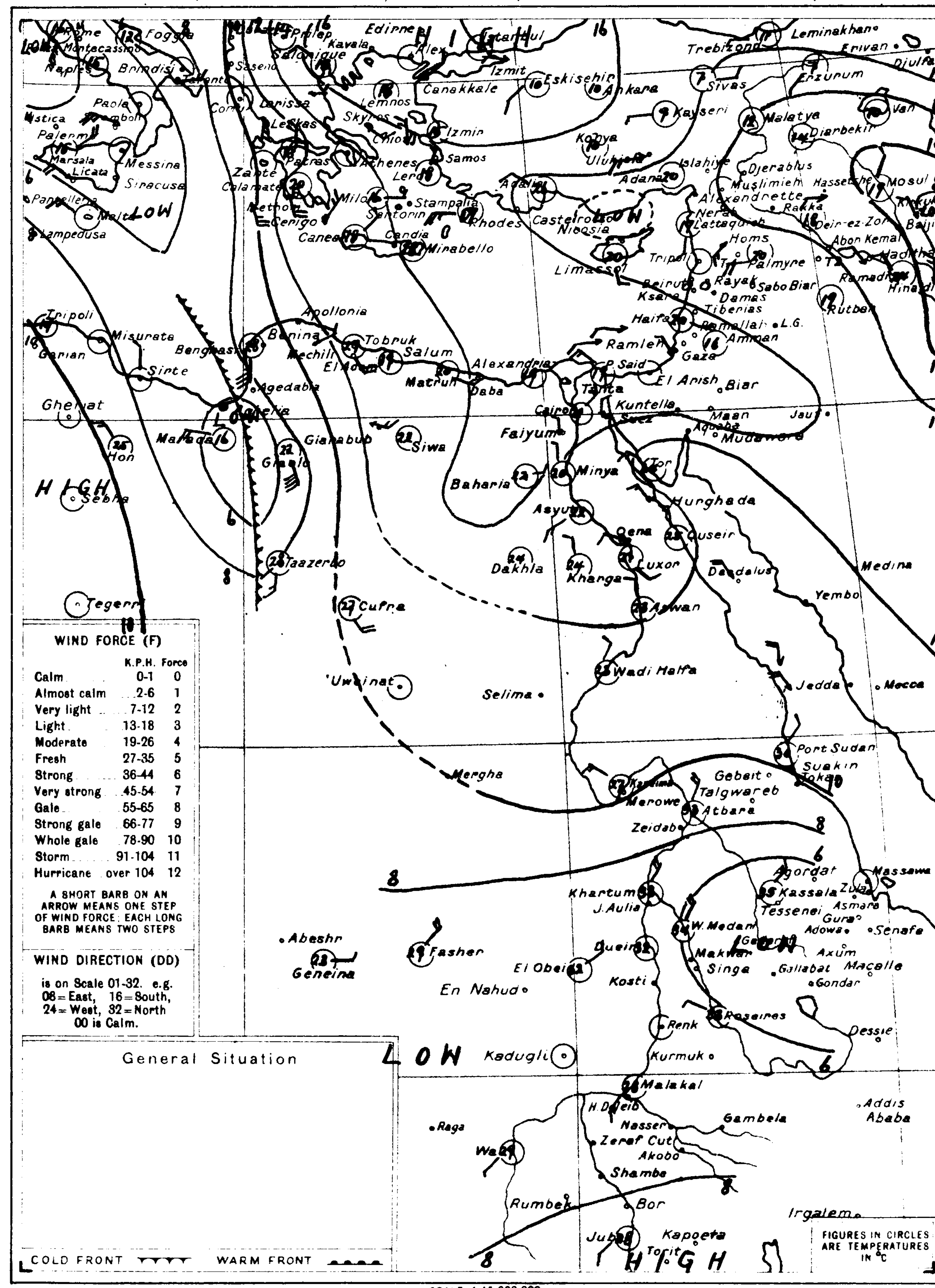
Isobars, Wind and Temperature at 8 h. 2-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000
Kms 200 100 0 200 400 600 kms

At 8 h. on 2-5 — الساعة ٨ يوم ٢-٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff from norm. °C	Minimum Today °C mm	Min. Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms
Limassol	01	7	14	2	0	3	—	12.3	-0.4	20	—	—	—	—	—	0	603	443
Haifa	02	—	10	1	—	4	—	15.0	+3.5	20.4	23	-3	14	-1	64	0	552	641
Gaza	00	9	28	1	0	0	—	15.6	+3.5	19	—	—	11	-2	55	—	—	373
Siwa (1st)	00	8	00	0	0	0	—	20.6	+6.2	17.0	31	0	11	-3	42	0	7	8
SHIPS سفن																		

Remarks

Please read total rainfall at Port Sudan 81 mms instead of 8 mms from April 26th until May 1st.

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 5 h 11 m
" " Sunset 18 h 33 m

Month *MAY* 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

.١٩٣٩-٥-٢ Isobars, Wind and Temperature at 8 h. 3-5-1939.

At 14 h. on 2nd الساعة ١٤ يوم ٢ — At 8 h. on WEDNESDAY 3rd الساعة ٨ يوم الاربعاء ٣

Station	14h ww Present weather	V Visibility	DD Wind dir.	F Wind force	W Past weather	N Cloud amount	C Cloud form	PPP Bar. press. M.S.L. 1000+ mbs.	TTT °C Temp.	UU % Humidity	8h ww Present weather	V Visibility	DD Wind dir.	F Wind force	W Past weather	N Cloud amount	C Cloud form	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry bulb °C	MM Max. yesterday °C	Diff. from norm. °C	mm Min. today °C	Diff. from norm. °C	UU % Humidity	Rainfall past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station number
MEDITERRANEAN																													
SALÛM	02	7	04	2	2	5	As	11.9	23.3	51	01	7	00	0	0	2	As	10.0	-5.5	20.2	24	—	17	—	65	0	81	—	130
MATRÛH	03	6	08	5	2	6	St	12.8	23.8	55	00	7	10	3	0	0	—	11.6	-2.5	20.8	26	+2	15	0	61	0	122	158	131
DIKHEILA	01	8	02	4	1	3	Cs	15.1	21.3	63	00	7	10	4	0	0	—	13.9	—	20.3	25	—	14	—	65	0	94		150
ALEXANDRIA	00	9	04	4	0	0	—	14.4	24.0	45	00	9	10	2	0	0	—	13.4	-0.6	19.9	25	0	15	-1	58	0	165	183	132
DAMIETTA											00	8	12	2	0	0	—	14.3	—	22.5	24	—	15	—	67	0	70	105	159
PORT SAÎD	00	7	30	3	1	0	—	14.7	24.5	60	00	7	06	3	0	0	—	14.0	+1.5	22.0	25	0	—	—	66	0	64	78	134
EL 'ARISH	01	7	30	4	1	4	Cu	15.4	22.2	62	00	7	00	0	0	0	—	14.7	—	21.0	24	—	—	—	69	0	130	91	135
LOWER EGYPT																													
DAMANHÛR											00	7	08	4	0	0	—	13.9	-0.2	22.0	31	+2	14	+1	52	0	29	101	136
MANSÛRA											00	8	08	2	0	0	—	13.8	—	21.8	30	0	13	-1	43	0	46	53	137
TANTA	00	7	24	2	0	0	—	12.0	29.8	31	00	7	08	1	0	0	—	13.8	-0.7	21.8	31	-1	13	-1	40	0	41	40	138
ZAGÂZIG	01	8	04	2	1	3	Cs	14.4	30.4	21	00	7	06	1	0	0	—	13.6	—	23.4	30	0	13	0	39	0	31	27	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	06	4	1	4	Cs	13.9	30.5	30	05	6	06	3	0	0	—	12.8	—	30.2	31	—	18	—	24	0	18	—	141
CAIRO EZBEKIYA	02	9	04	1	1	4	Ci	12.8	30.2	12	01	5	00	0	1	1	As	12.2	-0.9	24.0	31	+1	15	0	33	0	23	25	—
CAIRO GÎZA	02	8	02	1	1	5	Cs	12.8	28.6	26	05	6	00	0	0	0	—	12.4	-1.5	21.9	30	-1	11	-2	46	0	23	26	—
HELWÂN	02	8	06	2	1	5	Ci	12.7	30.6	6	05	5	26	1	0	0	—	12.0	-1.3	22.9	32	+1	17	+1	26	0	26	28	143
SUEZ	01	9	02	2	1	3	As	13.6	28.0	19	00	8	00	0	0	0	—	13.4	+0.2	23.7	31	+1	14	-3	46	0	27	17	144
UPPER EGYPT																													
FAIYÛM	02	8	02	3	0	4	Cu	12.3	32.0	13	00	7	02	1	0	0	—	13.3	-0.2	22.4	34	+1	12	-3	40	0	7	8	153
MINYA											02	7	02	1	2	5	Cs	11.9	-1.4	23.0	33	0	15	0	31	0	4	—	154
ASYÛT	00	8	30	3	0	0	—	11.2	33.2	20	00	6	26	2	0	0	—	11.2	-1.6	24.5	36	+2	18	+1	33	0	2	4	155
QENA	02	8	22	1	1	4	As	10.7	34.7	25	00	8	02	2	0	0	—	11.1	-1.0	26.0	37	0	18	0	24	0	dr	—	156
LUXOR	02	8	22	2	2	5	Cs	10.4	35.0	20	00	8	30	2	0	0	—	11.5	—	27.0	37	—	16	—	30	0	dr	—	157
ASWÂN	02	7	00	0	1	5	Cu	9.1	36.0	12	02	7	00	0	1	4	Cu	10.3	-1.2	25.4	37	-1	21	0	21	0	1		158
WESTERN DESERT																													
SÎWA	02	8	10	2	1	5	Cu	10.4	35.0	19	00	8	00	0	0	0	—	9.8	-4.6	27.2	36	+4	19	+5	48	0	7	8	148
BAHARIYA	01	9	06	2	1	3	—	12.8	33.2	15	02	9	00	0	1	4	—	13.0	—	24.5	34	—	16	—	30	0	1	—	149
KHÂRGA	00	8	04	2	0	0	—	10.8	33.9	27	00	8	00	0	0	0	—	10.8	-1.5	26.2	35	-2	20	+2	41	0	dr	tr	151
DÂKHLA	02	7	30	1	1	5	Ci	11.9	33.2	34	00	6	00	0	0	0	—	12.3	-0.5	23.0	36	-1	17	0	43	0	dr	—	152
RED SEA																													
TÔR	01	6	28	2	0	1	Cc	11.5	26.5	66	00	6	16	1	0	0	—	11.5	-0.3	23.0	28	-2	14	-4	70	0	20	13	145
HURGHÂDA	00	9	04	2	0	0	—	11.5	27.5	48	00	9	30	3	0	0	—	12.6	+0.9	25.6	29	-2	17	-1	43	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	12.0	27.2	60	00	7	32	3	0	0	—	11.6	-0.1	27.0	27	-3	19	-3	43	0	tr	6	147
PORT SUDAN											00	—	32	3	0	0	—	11.0	+0.9	29.6	34	+1	27	+4	63	0	81	108	1[illegible]9
NORTH SUDAN																													
WÂDI HALFA											01	8	02	2	1	4	Cs	9.5	-1.6	25.1	38	0	18	-1	34	—	—	—	165
KAREIMA											00	8	32	2	0	0	—	10.1	+0.4	27.6	41	0	22	0	22	0	1	1	166
'ATBARA											00	—	06	2	0	0	—	7.6	-0.5	31.0	42	+1	22	-1	25	0	6	3	167
KHARTÛM											18	5	02	5	0	0	—	6.4	-1.6	30.4	45	+4	24	0	7	0	3	5	168
KASSALA											00	8	02	3	0	0	—	4.1	-3.3	30.7	42	+1	27	+3	48	0	16	14	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	5	0	0	—	5.1	-2.5	32.5	43	+1	25	+2	18	0	18	16	171
DUEIM											00	—	—	4	0	0	—	5.9	-2.5	32.4	43	+2	24	+2	17	0	15	15	173
RENK																			—		—		—					—	182
ROSEIRES											00	—	18	1	1	0	—	5.4	-2.8	31.7	42	+3	20	-3	42	0	63	60	172
EL OBEID											01	8	02	3	0	3	Ci	6.5	-3.1	28.3	41	+2	20	-1	33	0	13	23	174
EL FÂSHER											01	8	04	3	0	4	Ci	—	—	27.0	39	+1	18	-2	20	0	3	9	175
GENEINA											01	8	32	2	1	4	Ac	—	—	23.7	42	—	17	—	20	0	12	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	12	2	2	6	As, Ac	7.2	-2.7	26.9	39	+2	25	+2	54	0	135	126	176
WÂU											01	—	16	1	0	4	—	6.8	-2.3	26.8	38	+2	24	+2	66	0	186	247	177
JÛBA											03	8	20	2	0	6	Sc	8.1	-2.9	27.0	36	+2	25	+3	77	0	458	302	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Geneina
h. m.	7 h. m.	h. m.	8 h. m.	8 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	4 h. m.	7 h. m.	7 h. m.	6 h. m.	7 h. m.	7 h. m.	6 h. m.
[illegible]20.00	02.15.35		02.08.25	02.28.05	02.09.10	02.03.05	03.04.25	06.18.10	06.02.50	06.09.15	07.03.30	06.18.15	06.30.35	15.09.55
[illegible]20.—	05.15.45		05.10.35	05.10.20	05.07.15	05.06.25	06.05.40	10.16.10	10.03.70	10.09.30	10.04.70	10.17.35	10.28.40	20.10.50
[illegible]21.20	10.15.35		10.08.25	08.08.25	10.05.20	10.02.45	10.04.30	15.12.05	15.02.55	15.05.25	15.05.50	15.19.35	15.27.30	30.12.30
15.23.40	15.23.25		13.03.15	10.04.10	15.03.30	15.02.35	15.04.40	20.12.05	20.03.25	20.02.25	20.06.30	20.22.25	20.25.15	40.01.20
20.24.30			15.36.10	15.01.16	20.03.25	20.33.25	20.03.35		30.03.20	30.36.25	30.05.30	30.34.25	30.19.25	41.02.25
25.24.25			20.36.15	20.36.10			21.03.45		40.04.25			40.04.35	40.18.30	
27.23.15			24.32.20	23.31.15					50.27.20					
				25.32.20					51.26.20					
				30.32.25										
				31.32.35										

Forecast for 24 hours from noon on 3rd

On the coast moderate southeast winds, freshening.
Inland light variable winds becoming moderate easterly.
Clear or occasional high cloud.
Remaining warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣

رياح معتدله جنوبيه شرقيه تشتد على الساحل
رياح خفيفه مختلفة الاتجاه تتحول الى شرقيه معتدله في الداخل
السماء صحو او يظهر بعض السحاب العالي
ويظل الطقس مائلا للحراره

Station	Mean of day: Humidity % on 2nd	Diff. from normal	Wet bulb temp °C on 2nd	Diff. from normal
Alexandria	71	+2	16.4	+0.3
Ezbekiya	40	-13	15.7	-2.5
Giza	51	-1	15.9	-1.1
Helwân	13	-27	12.5	-2.0

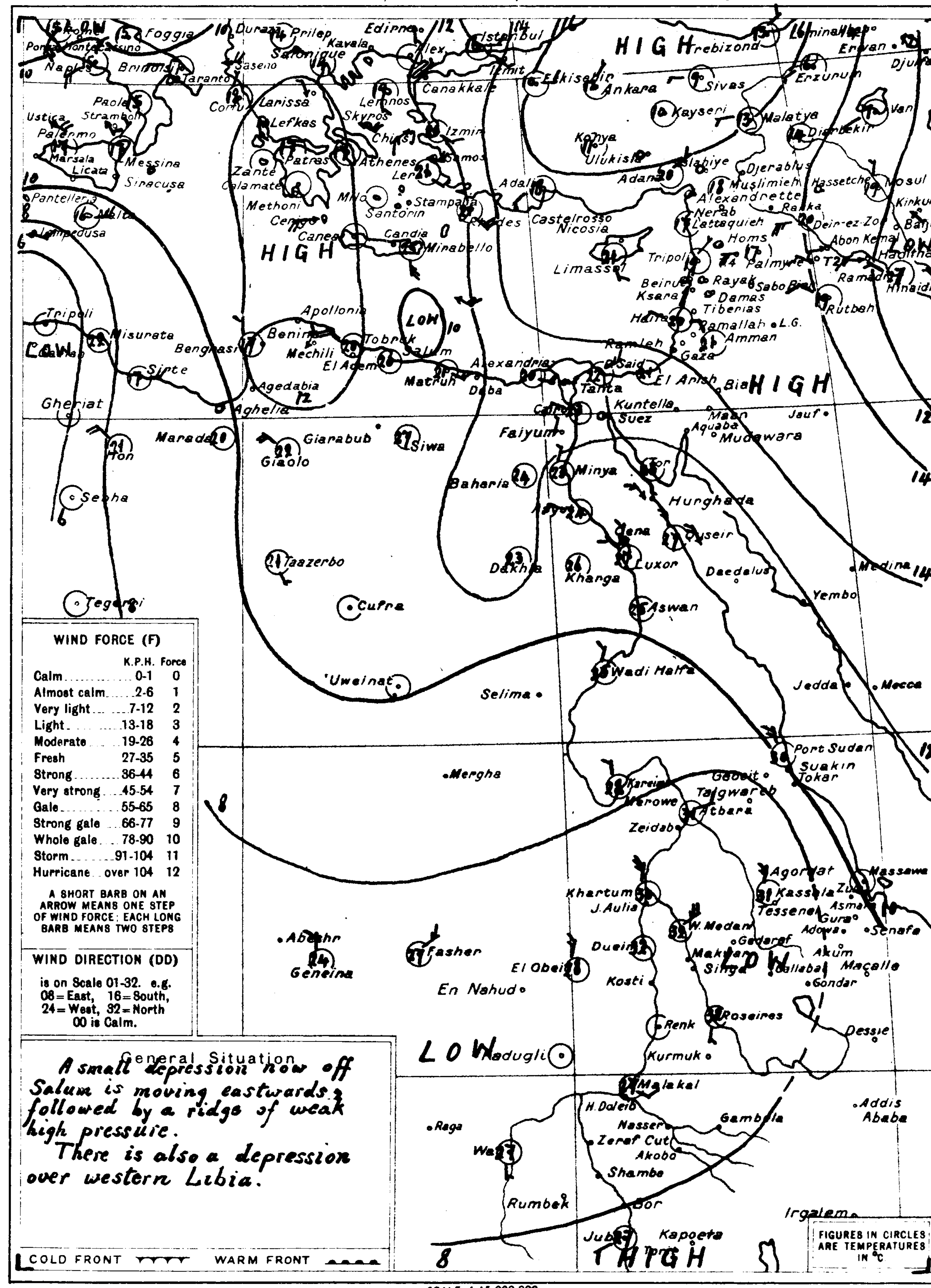
Gîza Grass minimum on 3rd 7.0 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
3-5	1042	787
2-5	984	787

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-5	13.38	-0.10	13.40	-0.07
Nasser	2-5	5.70	+0.05	5.70	+0.08
Malakâl	3-5	10.39	+0.31	10.38	+0.31
Roseires	3-5	11.67	+0.24	11.74	+0.31
Sennâr Res.	2-5	15.26	—	15.31	—
J. Aulia U.S.	2-5	372.55	—	372.83	—
J. Aulia D.S.	2-5	371.60	+0.72	371.60	+0.72
Khartûm	2-5	10.62	+0.36	10.66	+0.40
Kh. el Girba					
'Atbara	2-5	10.42	+0.43	10.42	+0.43
Kajnarti	2-5	132.52	+0.66	132.51	+0.64
Aswân Res.	3-5	119.96	—	119.99	—
Aswân D.S.	3-5	85.90	+0.27	85.85	+0.22
Roda (Cairo)	3-5	15.79	+0.30	15.79	+0.31

Printed by the Survey & Mines Dept. 1938 (38 554)



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A small depression now off Salum is moving eastwards followed by a ridge of weak high pressure.
There is also a depression over western Libia.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 3rd الساعة ٨ يوم ٣

Station محطة	ww Present weather	V Visibility	DD Wind dir.	F Wind force	W Past weather	N Cloud amount	C Cloud form	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry bulb °C	MM Max. yesterday °C	Diff. from norm. °C	mm Min. today °C	Diff. from norm. °C	UU % Humidity	Rainfall past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	14	2	0	0	—	14.8	+2.1	21	—	—	—	—	—	0	603	443
Haifa	00	—	26	1	—	0	—	15.9	+4.5	19.9	23	-3	13	-2	67	0	552	641
Gaza																		373
SHIPS سفن	43334	27706	10300	12967	612X0	4300X												

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo nimbus	Cb

CAIRO
Time of Sunrise 05 h 10 m
,, ,, Sunset 18 h 34 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month MAY 1939 ١٩٣٩ شهر مايو

At 14 h. on 3rd — الساعة ١٤ يوم ٣ | At 8 h. on THURSDAY 4th — الساعة ٨ يوم الخميس ٤

	STATION	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	SALUM	03	8	02	4	2	8	As	8.7	25.0	54	02	7	12	3	1	4	Ci	6.0	-9.4	29.1	32	—	18	—	14	0	81	—	130
	MATRUH	03	7	08	4	2	8	Sc	9.8	22.0	77	01	7	16	4	1	4	Cu	7.5	-6.5	31.6	28	+4	16	+1	26	0	122	158	131
	DIKHEILA	01	8	02	3	0	4	Cs	12.2	22.8	73	01	8	10	4	1	3	Cs	10.8	—	23.4	33	—	17	—	49	0	94	—	150
	ALEXANDRIA	00	9	04	3	0	0	—	11.8	28.0	54	02	9	12	3	2	4	Ac	10.4	-3.6	22.5	33	+8	18	+2	48	0	165	183	132
	DAMIETTA											09	7	12	2	0	0	—	11.5	—	25.5	27	—	19	—	67	0	70	105	159
	PORT SAÏD	00	7	06	3	0	0	—	12.4	24.0	66	00	7	04	3	0	0	—	11.8	-0.7	23.5	26	+1	20	+3	83	0	64	78	134
	EL 'ARÎSH	00	7	04	5	0	0	—	12.7	23.3	75	00	7	00	0	0	0	—	12.7	—	21.5	27	—	—	—	81	0	130	91	135
LOWER EGYPT	DAMANHÛR											00	7	08	4	0	0	—	11.0	-3.1	25.6	36	+7	17	+4	44	0	29	101	136
	MANṢURA											00	8	08	1	0	0	—	11.0	—	25.8	35	+5	17	+3	41	0	46	53	137
	[illegible]NTA	00	7	16	1	0	0	—	12.0	35.1	17	00	8	08	1	0	0	—	11.1	-3.3	24.6	36	+4	17	+3	45	0	41	40	138
	[illegible]GÂZIG	00	8	04	2	0	0	—	10.4	36.9	10	00	8	06	2	0	0	—	11.4	—	28.8	37	+6	17	+4	29	0	31	27	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	00	8	02	2	0	0	—	10.2	37.7	8	05	6	28	1	1	0	—	11.0	—	27.5	38	—	22	—	32	0	18	—	141
	EZBEKÎYA	05	7	00	0	0	0	—	9.9	37.8	13	05	5	26	1	0	0	—	10.7	-2.3	28.2	39	+8	18	+3	36	0	23	25	—
	GÎZA	05	6	00	0	0	0	—	9.9	38.0	16	05	6	00	0	1	0	—	10.6	-3.2	25.8	39	+8	14	+1	37	0	23	26	—
	HELWÂN	05	6	22	3	0	0	—	9.9	35.9	8	05	5	10	1	0	0	—	10.8	-2.5	27.8	38	+7	20	+4	31	0	26	28	143
	SUEZ	00	8	32	1	0	0	—	10.3	35.7	12	00	6	00	0	0	0	—	11.2	-1.9	27.1	39	+8	20	+3	55	0	27	17	144
UPPER EGYPT	FAIYÛM	01	8	30	2	0	3	Sc	10.7	35.4	7	01	6	00	0	0	3	Sc	11.0	-2.4	28.7	37	+4	18	+3	23	0	7	8	153
	MINYA	02	8	30	2	1	4	As	9.6	36.4	12	01	6	04	2	1	3	Ci	10.3	-2.9	29.0	37	+4	20	+5	24	0	4	—	154
	ASYÛT	01	7	30	3	1	3	Cc	9.1	38.4	11	01	6	12	3	1	3	Cc	11.1	-1.7	27.2	41	+7	20	+3	30	0	2	4	155
	QENA	01	8	06	2	1	3	Ac	8.3	38.6	19	01	8	02	1	1	3	Ac	11.4	-0.7	28.7	39	+2	21	+3	29	0	tr.	—	156
	LUXOR	01	8	32	1	0	2	Ci	8.4	38.5	12	01	8	08	1	0	3	Ci	11.6	—	30.9	41	—	—	—	28	0	tr.	—	157
	ASWÂN	00	7	02	3	0	0	—	6.6	39.5	4	00	7	00	0	0	0	—	10.6	-0.8	26.0	40	+2	21	0	15	0	1	—	158
WESTERN DESERT	SÎWA	02	8	00	0	2	5	Cu	7.4	43.4	48	00	8	00	0	0	0	—	7.1	-7.2	29.0	44	+12	23	+9	52	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	9.9	39.0	17	02	9	00	0	1	4	—	10.4	—	33.0	41	—	22	—	25	0	1	—	149
	KHARGA	00	8	08	1	0	0	—	7.5	39.5	27	00	8	00	0	0	0	—	9.0	-3.2	32.1	40	+3	23	+5	44	0	tr.	tr.	151
	DÂKHLA	00	8	12	1	0	0	—	9.3	40.1	28	00	7	00	0	0	0	—	10.7	-2.1	28.0	42	+5	19	+2	40	0	tr.	—	152
RED SEA	TÔR	00	6	28	1	0	0	—	9.3	27.2	71	00	6	16	1	0	0	—	11.1	-0.6	27.8	31	+1	20	+2	65	0	20	13	145
	HURGHÂDA	00	9	06	1	0	0	—	10.7	32.0	31	00	9	28	2	0	0	—	11.9	+0.3	30.7	34	+3	18	0	19	0	1	—	146
	QUSEIR	01	7	32	3	0	1	Ci	11.4	29.6	29	00	7	32	2	0	0	—	11.5	-0.2	29.8	31	+1	21	-1	36	0	tr.	6	147
	PORT SUDAN											00	—	04	1	0	0	—	8.8	-1.2	30.0	33	-1	27	+4	56	0	81	108	169
NORTH SUDAN	WÂDI HALFA											00	8	32	2	0	0	—	8.7	-2.3	26.7	40	+2	19	0	31	—	—	—	165
	KAREIMA											00	8	32	2	0	0	—	9.3	-0.3	29.8	41	0	22	-1	24	0	1	1	166
	'ATBARA											00	—	08	1	0	0	—	7.4	-0.7	30.5	42	+1	21	-2	19	0	6	3	167
	KHARTÛM											00	8	02	3	0	0	—	7.0	-1.0	30.1	44	+2	23	-1	11	0	3	5	168
	KASSALA											00	8	20	2	0	0	—	5.5	-1.9	30.0	42	+1	24	0	41	0	16	14	170
CENTRAL SUDAN	WAD MEDANI											00	—	18	2	0	0	—	7.8	+0.2	30.6	43	+1	22	-1	14	0	18	16	171
	DUEIM											00	—	—	2	0	0	—	7.2	-1.2	32.6	44	+3	19	-3	15	0	15	15	173
	RENK																			—			—		—				—	182
	ROSEIRES											00	—	14	1	0	0	—	6.7	-1.5	31.6	42	+3	20	-3	43	0	63	62	172
	EL OBEID											02	8	08	1	0	5	Ci	7.3	-2.3	31.4	41	+2	22	+1	22	0	13	23	174
	EL FÂSHER											01	8	02	2	0	3	Ci	—	—	23.6	40	+2	20	0	26	0	3	9	175
	GENEINA											02	8	32	1	1	5	Ac	—	—	24.0	43	—	20	—	20	0	12	—	179
	KADUGLI																											—	—	187
S. SUDAN	MALAKÀL											01	8	14	3	1	4	Ci, Ac	8.4	-1.5	29.3	37	0	23	0	55	0	135	128	176
	WÂU											01	—	20	3	1	4	—	7.3	-1.9	26.5	37	+1	23	+1	73	0	186	252	177
	JÛBA											01	8	20	2	0	4	Ac	8.4	-2.7	26.8	32	-2	24	+2	69	0	458	305	178

UPPER WINDS — الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA h. m.	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 4 h.	KHARTÛM 7 h.	KASSALA 5 h.	EL OBEID 6 h.	MALAKÂL h. m.	JÛBA h. m.	Salum 3rd 13 h.
02.15.20	02.17.55		02.17.25	02.13.10	02.13.25	02.36.10	03.04.20	06.02.15	06.02.55	06.22.25	07.05.15	06.15.20	06.27.35	02.00.00
05.16.—	05.15.20		05.19.20	05.18.20	05.12.30	05.04.25	06.05.45	10.02.15	10.04.65	10.20.25	10.05.20	10.17.35	10.25.25	05.21.20
10.12.20	10.16.20			08.18.15	10.12.30	10.05.75	10.03.50	15.36.20	15.02.70	15.02.15	15.06.10	15.17.40	15.19.20	10.22.15
15.12.10	15.21.20			10.17.10	15.10.20	15.07.65	12.02.45	20.34.20	20.02.50	20.02.15	20.06.20	20.18.20	20.17.25	15.23.20
20.15.05				15.19.05	20.08.10				30.03.20		30.11.10	30.36.25	30.19.25	20.23.35
22.20.05				20.23.05					40.33.05			34.07.40	40.20.45	
25.24.10				23.35.05					46.01.25				50.15.15	
26.25.15				25.33.05										
				30.32.20										
				35.32.25										

Forecast for 24 hours from noon on 4th

On the coast moderate southeast to south winds, becoming fresh to strong.
Inland light east to moderate southeast winds.
Clear at first; some high cloud later.
Khamsin conditions intensifying.
Remaining very warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤
على السواحل رياح معتدلة جنوبية شرقية تتحول الى جنوبية تزداد في الشدة
وفى الداخل رياح بين الخفيفة والمعتدلة شرقية اولا ثم تصير جنوبية شرقية
السماء صحو اولا ثم يظهر بعض السحاب العالى فيما بعد
ويزداد الطقس الخماسينى حدة ويستمر الطقس شديد الحرارة

STATION	Mean of day Humidity % 3rd	Diff. from normal	Wet bulb temp °C 3rd	Diff. from normal
Alexandria	57	-12	18.4	+2.2
Ezbekiya	29	-24	17.5	-0.2
Giza	37	-15	18.1	+1.0
Helwân	17	-23	15.5	+1.0

Gîza Grass minimum on 4th 9.9 °C

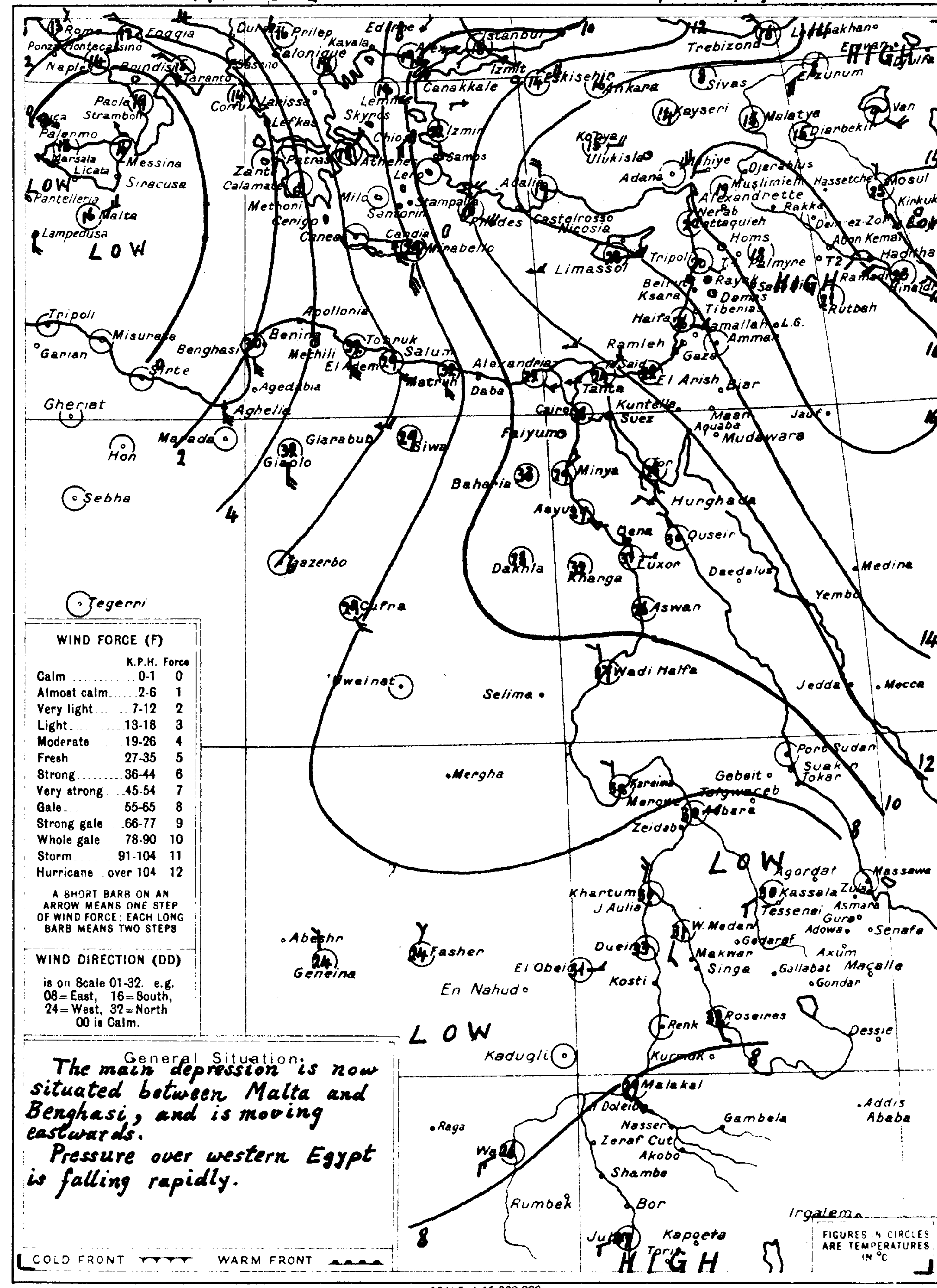
Discharges at Aswan measured by sluices m^3 per sec

DATE	1939	1938
4-5	1042	786
3-5	1042	787

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-5	13.38	-0.10	13.40	-0.07
Nâṣser	3-5	5.74	+0.07	5.70	+0.05
Malakâl	4-5	10.38	+0.30	10.39	+0.31
Roṣeires	4-5	11.63	+0.19	11.67	+0.24
Sennâr Res	3-5	15.22	—	15.26	—
J. Aulia U.S	3-5	372.42	—	372.55	—
J. Aulia D.S	3-5	371.57	+0.69	371.60	+0.72
Khartûm	4-5	10.53	+0.27	10.58	+0.32
Kh. el Girba					
'Atbara	4-5	10.42	+0.42	10.43	+0.43
Kajnarti	3-5	132.58	+0.73	132.52	+0.66
Aswân Res.	4-5	119.92	—	119.96	—
Aswân D.S.	4-5	85.95	+0.32	85.90	+0.27
Rôda (Cairo)	4-5	15.77	+0.30	15.79	+0.30

Printed by the Survey & Mines Dept. 1938 (38/554)

1939-5-4 Isobars, Wind and Temperature at 8 h. 4-5-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation:
The main depression is now situated between Malta and Benghasi, and is moving eastwards.
Pressure over western Egypt is falling rapidly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 4th — الساعة ٨ يوم ٤

STATION	ww	V	DD	F	W	N	C	PPP	Diff from normal mbs	Dry Bulb TTT	Max. Yester day MM	Diff from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	08	3	1	7	—	13.8	+1.1	23	—	—	—	—	—	0	603	444
Haifa	01	—	08	2	—	3	—	14.2	+2.8	26.0	23	-3	15	0	26	0	552	642
Gaza	00	9	04	1	0	0	—	13.5	+1.5	25	—	—	12	-2	35	—	—	373

SHIPS سفن: 53343 29906 08300 14868 30302 40000 76000 / 53283 33006 16101 13877

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h. 05 m. 09
Time of Sunset h. 18 m. 35

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MAY, 1939 ١٩٣٩ شهر مايو

At 14 h. on 4th — الساعة ١٤ يوم ٤
At 8 h. on FRIDAY 5th — الساعة ٨ يوم الجمعة ٥

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT °C	14h UU %	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff. from norm. °C	Min Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN																													
…M	18	5	16	7	2	8	As	3.5	40.0	6	03	6	32	3	2	8	As	6.0	-9.3	26.0	41	—	23	—	41	0	81	—	130
…RU…	03	7	16	4	2	7	As	5.5	41.4	31	30	3	16	5	3	9	As	4.3	-9.7	33.8	42	+18	26	+11	47	0	122	158	131
…E… / ALEXA…A	01	8	14	2	1	3	Cs	9.4	40.9	14	05	7	14	4	0	0	—	8.6	—	31.2	41	—	20	—	23	0	94	—	150
DAMIE…DRIA	02	8	12	1	0	4	Ac	8.3	40.0	9	00	8	12	2	0	0	—	7.9	-6.1	28.7	40	+14	21	+5	25	0	165	183	132
PORT …TA											09	7	12	2	0	0	—	9.8	—	28.5	33	—	21	—	43	0	70	105	159
EL AR…AID	01	7	04	4	1	3	Ac	11.0	28.1	60	00	7	04	3	1	0	—	10.2	-2.3	28.6	29	+4	22	+4	35	0	64	78	134
…H	00	7	02	4	0	0	—	12.0	28.8	56	00	7	12	2	0	0	—	10.8	—	32.2	27	—	20	—	23	0	130	91	135
EGYPT																													
DAMA…HUR											00	8	16	2	0	0	—	9.0	-5.1	29.2	41	+13	21	+8	32	0	29	101	136
…SURA											00	8	14	1	0	0	—	9.5	—	28.7	40	+10	19	+4	28	0	46	53	137
…NTA	02	7	16	1	0	4	Sc	9.6	40.0	16	00	8	16	1	0	0	—	9.5	-4.9	30.6	41	+9	20	+5	33	0	41	40	138
…AZIG	00	8	10	2	0	0	—	9.6	40.6	13	00	8	12	2	0	0	—	9.9	—	34.9	41	+10	21	+7	21	0	31	27	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	02	8	14	1	1	5	Ci	9.8	41.4	10	00	8	10	3	0	0	—	9.3	—	37.0	42	—	27	—	13	0	18	—	141
EZBEKIYA	01	8	20	2	1	4	Ci	9.1	40.8	14	02	6	16	1	1	4	Ci	9.0	-4.0	32.0	41	+10	23	+8	24	0	23	25	—
GÎZA	02	7	00	0	0	5	Cs	9.3	41.3	13	02	6	00	0	0	5	Ci	8.8	-5.0	29.9	42	+11	19	+6	27	0	23	26	—
HELWÂN	05	8	22	2	0	3	Ci	8.6	40.2	8	05	6	16	1	0	2	Ci	9.1	-4.2	33.2	41	+10	30	+14	15	0	26	28	143
SUEZ	01	8	20	1	1	3	Ac	10.0	36.6	19	00	6	20	2	0	0	—	10.2	-2.9	28.2	37	+6	20	+3	36	0	27	17	144
UPPER EGYPT																													
FAIYÛM	01	7	00	0	0	3	Sc	8.8	40.7	12	02	7	00	0	0	4	Sc	9.6	-3.8	31.8	42	+9	19	+4	19	0	7	8	153
MINYA	01	7	20	3	1	3	Ci	9.0	40.0	12	00	5	12	2	1	0	—	9.0	-4.2	29.5	40	+7	16	+1	22	0	4	—	154
ASYÛT	01	7	22	3	1	3	Ac	8.3	40.5	12	01	7	12	3	1	3	Ci	9.8	-2.9	29.1	43	+9	20	+3	27	0	2	4	155
QENA	02	8	06	1	1	4	Ci	9.0	39.3	20	00	8	06	1	0	0	—	10.7	-1.3	28.1	40	+2	16	-3	33	0	dr	—	156
LUXOR	01	8	08	2	0	2	Ci	8.4	40.4	16	00	8	18	1	0	0	—	10.8	—	29.0	41	—	14	—	29	0	dr	—	157
ASWÂN	00	7	32	2	0	0	—	6.2	41.3	8	00	7	00	0	0	0	—	10.8	-0.6	25.6	41	+3	21	0	20	0	1	—	158
WESTERN DESERT																													
SÎWA	30	3	10	3	2	—	—	5.0	43.0	19	03	7	00	0	2	8	Cu	4.7	-9.6	34.9	45	+13	28	+14	48	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.3	40.0	25	00	9	00	0	0	0	—	7.4	—	35.0	41	—	26	—	24	0	1	—	149
KHÂRGA	00	8	12	2	0	0	—	6.6	40.5	40	00	8	04	1	0	0	—	9.9	-2.2	30.2	40	+3	21	+3	37	0	dr	tr	151
DÂKHLA	05	7	14	1	0	0	—	8.2	40.9	32	01	7	12	3	1	4	Ci	9.9	-2.8	29.0	42	+5	19	+2	47	0	dr	—	152
RED SEA																													
TÔR	00	6	16	2	0	0	—	9.9	32.5	41	00	6	28	1	0	0	—	10.6	-1.0	30.0	33	+3	19	+1	44	0	20	13	145
HURGHÂDA	00	9	10	1	0	0	—	10.6	33.9	23	00	9	14	1	0	0	—	11.2	-0.4	29.3	36	+5	18	-1	53	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	11.0	29.0	60	00	7	32	1	0	0	—	10.8	-0.8	29.9	32	+2	23	+1	38	0	tr	6	147
PORT SUDAN											03	7	04	2	1	7	—	10.3	+0.3	30.7	34	—	29	+6	77	0	81	108	[illegible]
NORTH SUDAN																													
WÂDI HALFA											00	8	30	1	0	0	—	9.3	-1.7	25.5	41	+2	19	0	34	—	—	—	165
KAREIMA																					41	0	22	-1	24	0	1	1	166
ATBARA											00	—	06	3	0	0	—	8.2	+0.1	31.8	40	-1	23	0	34	0	6	4	167
KHARTÛM											00	8	04	3	0	0	—	6.9	-1.1	31.3	43	+1	23	-1	13	0	3	5	168
KASSALA											00	8	18	2	0	0	—	6.4	-1.0	29.5	41	0	24	0	46	0	16	15	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	18	3	0	0	—	7.0	-0.6	33.7	42	0	18	-5	5	0	18	17	171
DUEIM											00	—	—	3	0	0	—	7.8	-0.7	33.4	42	+1	24	+2	12	0	15	16	173
RENK																													182
ROSEIRES											00	—	14	1	0	0	—	7.9	-0.4	32.8	41	+2	—	—	32	0	63	64	172
EL OBEID											00	8	20	4	0	0	—	8.0	-1.6	30.3	39	0	22	+1	53	0	13	24	174
EL FÂSHER											00	8	18	1	0	0	—	—	—	23.0	40	+2	17	-3	31	0	3	9	175
GENEINA											01	8	00	0	1	4	Ac	—	—	25.0	42		18		22	0	12	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL											10	8	12	3	2	6	Cu, Sc	11.2	+1.2	26.8	37	0	23	0	71	dr	135	131	176
WÂU											02	—	20	3	1	4	—	9.3	+0.1	26.0	36	0	23	+1	76	0	186	256	177
JÛBA											02	8	20	3	0	5	St	11.6	+0.5	24.4	33	-1	22	0	75	0	458	309	178

UPPER WINDS الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 4th
7 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	4 h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. m.	4 h. m.	7 h. m.	13 h. m.
02.36.10							03.09.10	06.25.10	06.02.35	06.08.05	07.25.25	06.24.35	06.27.40	02.19.40
[illegible]5.36.30							06.09.35	10.25.10	10.01.30	10.07.10	10.26.25	10.22.45	10.28.35	05.18.40
[illegible].02.20							10.07.40	15.26.15	15.36.20	15.07.10	15.24.05	15.20.45	15.27.45	10.17.40
[illegible].09.20								20.29.10	20.27.15	20.06.25	20.06.15	20.20.30	20.25.20	15.17.55
20.12.20								30.01.15	30.21.15		30.33.10	22.22.25	30.23.15	17.17.55
25.12.35									40.18.15		40.08.10		40.21.10	
26.16.40									50.14.10				50.12.05	
30.19.50									60.27.10					
35.19.65									70.27.20					
40.21.70														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet Bulb Temp °C on 4th	Diff. from normal
Alexandria	39	-30	18.6	+2.3
Ezbekiya	33	-20	19.9	+2.1
Giza	31	-21	19.0	+1.8
Helwan	17	-23	18.0	+3.4
Giza Grass minimum	5th	14.7		

Discharges at Aswan measured by sluices m^3 per sec.

DATE	1939	1938
5-5	1100	833
4-5	1042	786

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5.5	13.59	+0.11	13.37	-0.11
Nasser	5.5	5.83	+0.04	5.80	+0.06
Malakal	5.5	10.38	+0.30	10.38	+0.30
Roseires	5.5	11.60	+0.13	11.63	+0.19
Sennar Res	5.5	15.19	—	15.20	—
J. Aulia U.S	3.5	372.42	—	372.55	—
J. Aulia D.S	3.5	371.57	+0.69	371.60	+0.72
Khartum	5.5	10.47	+0.20	10.53	+0.27
Kh. el Girba					
Atbara	5.5	10.37	+0.39	10.42	+0.42
Kajnarti	5.5	132.64	+0.79	132.63	+0.78
Aswan Res.	5.5	119.88	—	119.92	—
Aswan D.S	5.5	86.03	+0.39	85.95	+0.32
Roda (Cairo)	5.5	15.79	+0.30	15.79	+0.30

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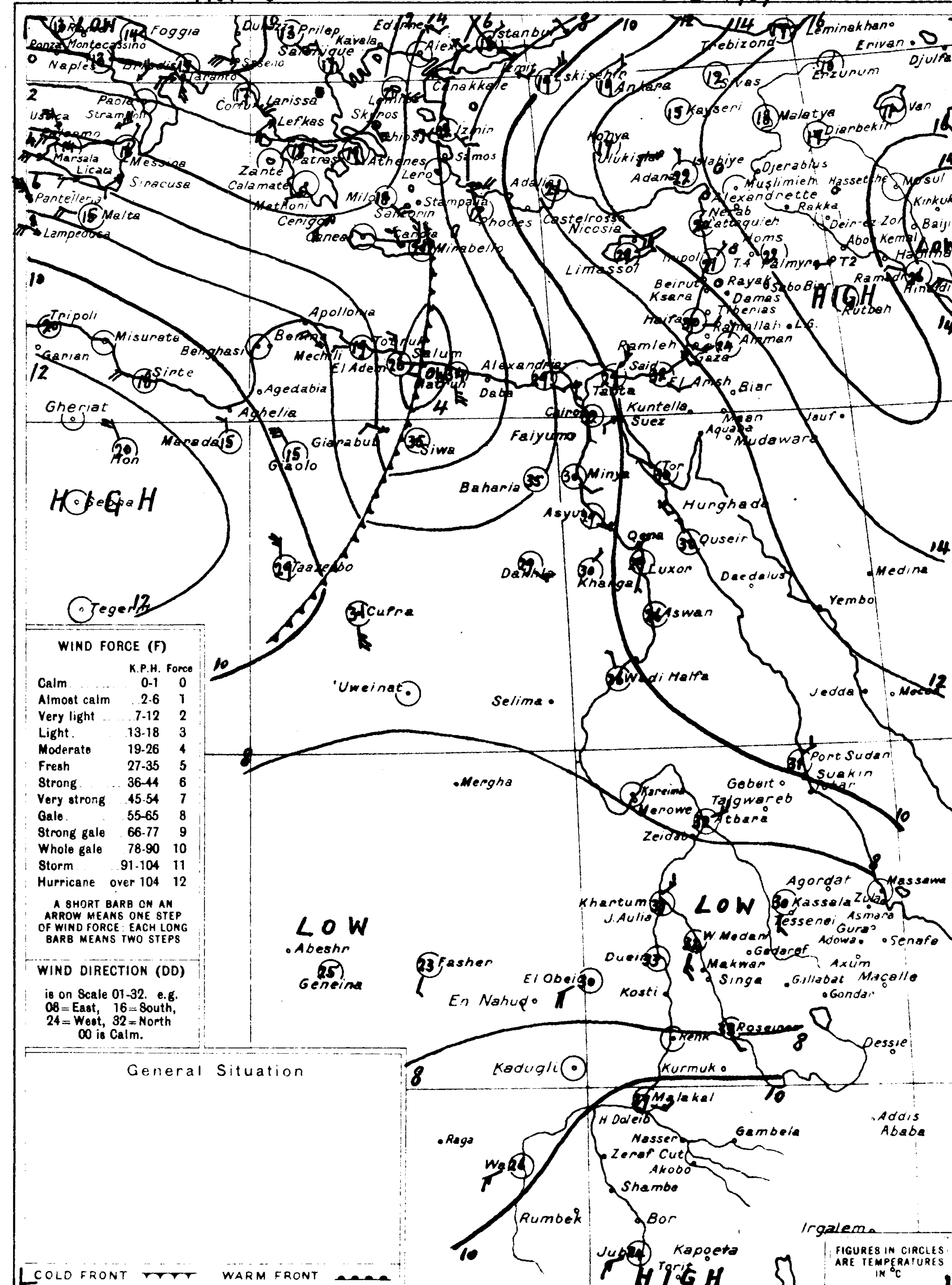
١٩٣٩-٥-٥ Isobars, Wind and Temperature at 8 h. 5-5-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff. from norm. °C	Min Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
At 8 h. on 5th — الساعة ٨ يوم ٥																		
Limassol	43	6	06	3	4	9	—	12.3	-0.4	29	—	—	—	—	—	0	603	441
Haifa	00	—	08	2	—	0	—	12.8	+1.5	29.9	34	+7	20	+5	18	0	552	642
Gaza	00	9	14	2	0	0	—	11.8	-0.2	33	—	—	21	+7	15	—	—	373
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
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Showers	80-89
,, of Snow	83, 84
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,, heavy with Hail	99

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Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

DAILY WEATHER REPORT

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. Press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
MEDITERRANEAN	[illegible]M	03	7	02	4	2	8	As	9.6	25.4	40	02	7	30	4	6	4	Cu	17.4	+2.1	16.9	36	—	14	—	75	tr	81	—	130
	[illegible]	31	4	26	5	3	9	As	7.1	22.6	88	03	7	30	4	2	7	Sc	15.9	+1.9	18.7	38	+14	18	+3	87	0	122	158	131
	[illegible]ILA	05	6	16	5	4	0	—	8.3	42.5	—	03	7	32	3	2	8	As	14.3	—	21.1	43	—	20	—		0	94	—	150
	ALEXANDRIA	02	7	14	3	2	8	As	7.4	41.2	—	03	7	02	4	2	6	Ac	14.0	0.0	22.3	42	+16	21	+4	72	0	165	183	132
	DAMIETTA											09	7	32	3	2	6	Ac	10.6	—	23.1	39	—	22	—	73	0	70	105	159
	PORT SAID	00	7	04	3	0	0	—	9.1	32.6	43	02	6	30	2	1	5	Ac	10.4	-3.1	27.0	34	+9	25	+7	49	0	64	78	134
	EL ARISH	00	7	12	3	0	0	—	9.6	35.1	30	12	6	16	1	0	0	—	10.0	—	34.0	42	—	20	—	18	0	130	91	135
EGYPT	DAMANHUR											30	5	30	7	3	8	Cs	13.4	-0.7	25.2	41	+12	22	+9	52	0	29	101	136
	[illegible]RA											01	4	32	3	1	4	Ac	11.0	—	26.4	42	+11	23	+8	52	0	46	53	137
	[illegible]	00	8	00	0	0	0	—	6.7	41.3	18	02	8	24	3	2	4	Cu	13.1	-1.3	26.4	42	+10	20	+5	52	0	41	40	138
	[illegible]	00	8	20	3	0	0	—	8.0	41.7	19	01	7	30	3	1	3	Cc	11.6	—	26.3	42	+11	22	+8	51	0	31	27	139
MIDDLE EGYPT – CAIRO	[illegible]LMAZA	00	8	12	1	0	0	—	8.6	42.1	10	05	6	26	1	2	8	Cs	12.0	—	24.8	43	—	19	—	55	0	18	—	141
	EZBEKIYA	00	8	16	1	0	0	—	7.6	41.7	10	03	6	30	2	2	8	Sc	11.6	—	25.0	43	+12	23	+8	53	0	23	25	
	GIZA	01	8	00	0	0	3	Cs	7.4	41.0	14	05	4	30	1	2	7	As	11.8	-2.0	24.6	42	+11	20	+7	56	0	23	26	
MIDDLE EGYPT	HELWAN	00	7	18	3	1	0	—	7.5	41.0	5	05	5	26	2	0	6	Ac	11.5	-1.8	24.9	43	+12	22	+6	48	0	26	28	143
	SUEZ	00	8	16	1	0	0	—	9.5	33.2	27	03	6	16	1	2	8	As	11.1	-1.9	26.3	36	+8	23	+6	54	0	27	17	144
UPPER EGYPT	FAIYUM	00	7	00	0	1	4	Cu	7.2	41.9	7	03	6	30	3	2	8	Sc	11.5	-1.8	26.0	43	+10	21	+5	45	0	7	8	153
	MINYA	02	7	20	4	2	5	As	7.1	40.0	8	02	6	12	1	2	5	Cs	10.2	-3.0	30.5	41	+8	23	+8	24	0	4	—	154
	ASYUT	02	8	16	3	1	5	Ci	7.9	40.6	10	02	6	12	3	1	4	Ac	9.9	-2.8	30.2	41	+7	21	+4	35	0	2	4	155
	QENA	03	8	10	4	2	7	Cs	8.0	40.9	20	00	8	04	2	0	0	—	10.6	-1.3	31.7	42	+4	21	+2	28	0	dr.	—	156
	LUXOR	02	8	22	2	2	5	Cs	8.2	41.2	18	00	8	02	2	0	0	—	10.7	—	32.3	43	—	21	—	31	0	dr.	—	157
	ASWAN	00	7	16	2	0	0	—	6.0	42.3	12	00	7	00	0	0	0	—	10.3	-1.0	28.9	42	+3	25	+4	21	0	1		158
WESTERN DESERT	SIWA	03	8	26	2	2	8	Cu	4.0	40.4	31																			148
	BAHARIYA	00	9	16	2	0	0	—	6.8	40.0	30	00	9	32	2	0	0	—	12.4	—	24.0	43	—	23	—	63	0	1	—	149
	KHARGA	00	8	16	1	0	0	—	7.2	41.2	29	00	8	00	0	0	0	—	9.4	-2.6	31.2	41	+4	21	+2	31	0	dr.	4	151
	DAKHLA	05	7	12	3	1	2	Ci	7.1	41.8	35	02	6	00	0	2	5	Ci	11.0	-1.7	27.6	42	+5	19	+2	45	0	dr.	—	152
RED SEA	TOR	00	6	16	5	0	0	—	9.3	31.8	47	02	6	16	2	0	4	Cc	11.6	0.0	28.8	37	+7	21	+3	65	0	20	13	145
	HURGHADA	01	9	00	0	0	3	Ci	11.6	35.3	35	02	9	30	2	1	5	Ci	11.2	-0.3	32.3	36	+5	18	-1	29	0	1	—	146
	QUSEIR	01	7	02	2	0	1	Ci	10.6	29.3	66	01	7	28	1	0	1	Ci	11.0	-0.6	29.7	32	+2	23	+1	37	0	4	6	147
	PORT SUDAN											00	—	08	1	0	0	—	11.2	+1.3	32.5	35	+1	29	+6	70	0	81	108	169
NORTH SUDAN	WADI HALFA											01	8	32	1	0	4	Ci	8.7	-2.3	29.2	42	+3	21	+2	24	—	—	—	165
	KAREIMA											00	8	32	1	0	0	—	8.7	-0.8	32.8	42	+1	23	0	25	0	1	1	166
	ATBARA											00	—	10	2	0	0	—	9.0	+0.9	32.5	41	0	25	+2	33	0	6	4	167
	KHARTUM											18	7	20	4	0	2	Ci	7.9	-0.1	31.4	43	+1	24	0	42	0	3	5	168
	KASSALA											00	8	16	4	0	0	—	8.0	+0.5	31.0	42	+1	24	-1	32	0	16	15	170
CENTRAL SUDAN	WAD MEDANI											00	—	18	6	0	0	—	7.2	-0.5	33.6	42	0	24	+1	34	0	18	17	171
	DUEIM											00	—	—	3	0	0	—	8.7	+0.2	33.2	42	+1	27?	+5	43	0	15	16	173
	RENK																													182
	ROSEIRES											00	—	12	1	0	0	—	7.2	-1.2	31.3	40	+1	20	-3	45	0	63	66	172
	EL OBEID											18	7	18	4	0	4	Ci	8.3	-1.3	29.7	40	+1	—	—	65	0	13	24	174
	EL FASHER											00	8	00	0	0	0	—	—	—	24.0	40	+2	18	-2	15	0	3	9	175
	GENEINA											01	8	24	1	1	3	Ac	—	—	26.2	40	—	23	—	24	0	12	—	179
	KADUGLI																													187
S. SUDAN	MALAKAL											10	8	20	3	5	6	Cu, Sc	10.3	+0.3	26.0	37	0	24	+1	76	dr.	135	134	176
	WAU											01	—	20	2	1	3	—	9.0	-0.2	26.7	36	0	24	+2	68	0	186	261	177
	JUBA											01	8	20	1	0	4	Sc.	11.4	+0.2	25.5	34	0	25	+3	84	0	458	312	178

At 14 h. on 5th — الساعة ١٤ يوم ٥ ; At 8 h. on Saturday 6th — الساعة ٨ يوم السبت ٦

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres.
DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH	DEKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA 3 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
02 34 20							03 07 15	06 02 30	06 20 35	06 18 30	07 20 35	06 17 35	06 26 25
[illegible] 35 35							06 11 45	10 01 30	10 22 30	10 22 35	10 21 45	10 18 35	10 23 35
[illegible] 35 25							10 11 35	15 25 25	15 26 15	15 23 40	15 27 20	15 15 20	15 23 35
[illegible] 30 40							15 11 15	20 23 25	20 28 15	20 19 10	20 09 05	20 09 05	20 21 25
[illegible] 24 45							18 11 20		30 19 10	30 35 15	30 01 10	30 08 05	30 20 25
25 23 70									40 17 15	40 29 15	39 29 15	40 09 30	40 17 15
30 22 80									50 21 20			45 03 25	
									56 21 20				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

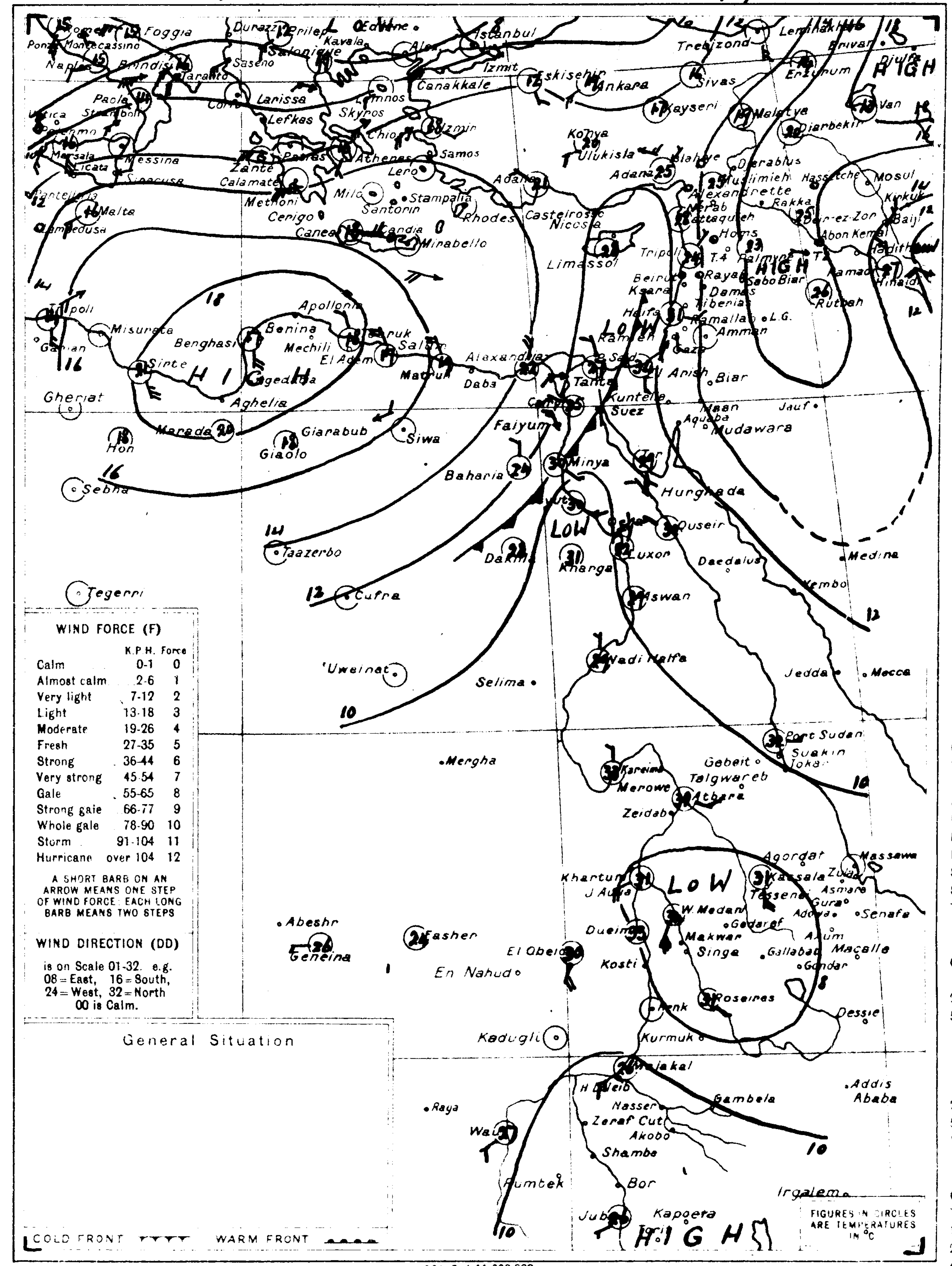
Station	Mean of day Humidity % on 5th	Diff. from normal	Wet Bulb Temp. °C on 5th	Diff. from normal
Alexandria	21	-48	19.2	+2.8
Ezbekiya	21	-32	19.3	+1.4
Giza	21	-31	19.1	+1.8
Helwan	6	-34	17.2	+2.6
Giza Vapour pressure mm on	6th		15.6	

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
6-5	1100	880
5-5	1100	833

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6-5	13.57	+0.08	13.59	+0.11
Nasser	5-5	5.83	+0.04	5.80	+0.06
Malakal	6-5	10.38	+0.30	10.38	+0.30
Roseires	6-5	11.72	+0.23	11.60	+0.13
Sennar Res	6-5	15.10	—	15.19	—
J. Aulia U.S	3-5	372.42	—	372.55	—
J. Aulia D.S	3-5	371.57	+0.69	371.60	+0.72
Khartum	6-5	10.45	+0.18	10.47	+0.20
Kh. el Girba					
Atbara	6-5	10.37	+0.37	10.39	+0.39
Kajnarti	6-5	132.66	+0.81	132.64	+0.79
Aswan Res	6-5	119.83	—	119.88	—
Aswan D.S	6-5	86.07	+0.43	86.03	+0.39
Roda (Cairo)	6-5	15.79	+0.31	15.79	+0.30

٦-٥-١٩٣٩. Isobars, Wind and Temperature at 8 h. 6-5-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 6th الساعة ٨ يوم ٦

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday MM	Max. Diff. from norm.	Min. Today mm	Min. Diff. from norm.	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1	Rain Normal from Oct 1
Limassol	43	5	00	0	4	9	—	10.2	-2.5	28	—	—	—	—	—	0	603	445
Haifa	03	—	08	2	—	7	—	11.1	-0.2	30.6	39	+12	20	+5	16	0	552	642
Gaza	01	8	18	1	0	3	Ac	11.0	-0.9	30	—	—	22	+8	15	—	—	373
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise 05 h 07 m

" " Sunset 18 h 36 m

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	14h 6th: Present weather ww	V	Wind Dir DD	Force F	Past weather W	Cloud amount N	Form C	Bar. press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	8h Sunday 7th: Present weather ww	V	Wind Dir DD	Force F	Past weather W	Cloud amount N	Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Max. yesterday °C MM	Diff. from norm. °C	Min. today °C mm	Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
[illegible]	01	8	04	5	0	2	Cu	18.4	18.4	71	00	7	04	3	0	0	—	19.8	+4.5	17.0	20	—	14	—	77	0	81	—	130
[illegible]	00	7	30	4	0	0	—	17.6	20.6	74	01	7	32	2	1	4	Cu	19.1	+5.1	18.9	21	-3	17	+2	80	0	122	158	131
[illegible]	03	7	30	5	2	8	As	16.0	19.9	91	01	8	32	4	1	3	Sc	19.6	—	18.8	21	—	17	—	85	0	94	—	150
MEDITERR. ALEXANDRIA	03	2	32	5	2	6	Ac	15.9	21.7	78	02	9	04	3	2	4	Ac	18.4	+4.4	19.5	24	-2	17	0	69	0	165	183	132
DAMIETTA											09	7	32	3	0	0	—	16.8	—	20.1	25	—	18	—	76	0	70	105	159
PORT SAÎD	03	7	28	5	2	7	Ac	12.8	25.0	77	00	7	30	4	1	0	—	17.2	+4.7	21.2	29	+4	19	+1	76	0	64	78	134
EL 'ARÎSH	01	7	28	2	1	3	As	11.0	28.2	49	01	7	28	2	1	4	Cu	17.6	—	22.0	28	—	18	—	82	0	130	91	135
DAMANHÛR											00	7	32	3	0	0	—	18.2	+4.1	21.0	28	-1	16	+3	67	0	29	101	136
MANSÛRA											00	8	32	2	0	0	—	17.6	—	20.9	30	-1	16	+1	70	0	46	53	137
TANTA	01	7	20	2	1	4	Cs	10.3	29.0	40	00	7	32	2	0	0	—	18.2	+3.8	20.8	29	-3	14	-1	68	0	41	41	138
ZAGÂZÎG	00	8	02	6	0	0	—	13.8	30.4	34	00	7	30	3	0	0	—	18.2	—	21.8	30	-1	15	+1	67	0	31	27	139
MIDDLE EGYPT, CAIRO: ALMÂZA	05	6	30	4	2	8	As	13.5	30.7	38	05	7	02	4	0	0	—	17.5	—	20.4	31	—	16	—	74	0	18	—	141
EZBEKÎYA	05	6	32	5	2	7	As	12.8	31.5	32	00	6	32	4	0	0	—	17.1	+4.1	21.0	32	+1	17	+1	68	0	23	25	—
GÎZA	05	6	02	1	2	6	Ac	12.6	31.2	23	05	6	32	2	1	0	—	17.5	+3.7	20.1	31	0	15	+2	73	0	23	26	—
HELWÂN	05	5	30	4	2	8	As	12.0	31.3	26	05	6	32	5	0	0	—	16.6	+3.3	20.0	36	+5	17	+1	64	0	26	28	143
SUEZ	03	7	00	0	2	8	As	11.1	35.7	26	02	7	32	3	2	4	Cu	16.6	+3.6	21.2	36	+5	19	+2	78	0	27	17	144
UPPER EGYPT: FAIYÛM	00	7	32	3	0	0	—	11.6	32.6	24	00	6	32	4	0	0	—	16.2	+2.9	21.0	34	+1	17	+1	61	0	7	8	153
MINYA	02	5	32	4	2	5	Cs	9.9	35.3	22	00	5	32	5	0	0	—	13.8	+0.7	20.7	36	+3	18	+3	63	0	4	—	154
ASYÛT	02	7	22	3	1	5	Ac	8.6	41.2	14	00	5	28	3	0	0	—	12.8	+0.2	23.2	42	+8	19	+2	59	0	2	4	155
QENA	02	8	12	2	1	4	Cc	9.3	41.2	6	02	7	26	1	1	5	Sc	11.0	-0.8	30.4	43	+5	24	+5	38	0	dr	—	156
LUXOR	01	8	14	2	1	3	Ci	9.3	41.5	22	01	8	02	2	1	3	Cs	10.7	—	32.9	43	—	22	—	32	0	dr	—	157
ASWÂN	00	7	00	0	0	0	—	6.8	42.0	11	00	7	00	0	0	0	—	9.8	-1.5	29.7	43	+4	26	+5	26	0	1		158
WESTERN DESERT: SÎWA	31	8	06	2	0	0	—	9.3	30.6	46																		8	148
BAHARÎYA	00	9	32	1	0	0	—	11.8	35.0	37	00	9	32	1	0	0	—	16.0	—	19.5	36	—	16	—	77	0	1	—	149
KHARGA	00	8	00	0	0	0	—	7.5	42.9	20	00	8	04	3	0	0	—	12.0	0.0	25.4	43	+6	23	+4	45	0	dr	tr	151
DÂKHLA	05	3	28	3	3	5	Ci	10.3	36.5	51	05	4	08	1	0	0	—	13.4	+0.8	26.8	39	+2	23	+6	44	0	dr	—	152
RED SEA: TÔR	01	6	16	3	1	4	Cc	10.0	31.9	52	00	4	28	5	0	0	—	12.0	+0.5	23.6	37	+7	22	+4	86	0	20	13	145
HURGHÂDA	01	9	12	1	1	4	Ci	10.4	34.4	32	02	9	30	4	1	4	Ci	11.8	+0.3	26.8	36	+5	24	+5	54	0	1	—	146
QUSEIR	01	7	04	1	0	1	Ci	11.5	28.5	81	01	7	32	2	1	4	—	11.6	+0.1	27.0	32	+2	22	0	64	0	tr	.6	147
PORT SUDAN											01	—	08	1	0	4	—	13.4	+3.5	30.7	34	0	29	+6	74	0	81	108	169
NORTH SUDAN: WÂDI HALFA											01	8	02	2	1	1	Ac	7.5	+3.4	32.0	43	+4	25	+5	28	—	—	—	165
KAREIMA											00	8	04	1	0	0	—	8.1	-1.4	32.0	43	+2	25	+2	24	0	1	2	166
'ATBARA											00	—	12	2	0	0	—	7.6	-0.5	33.0	42	+1	26	+3	30	0	6	4	167
KHARTÛM											00	7	16	3	0	0	—	7.5	-0.5	32.1	43	+1	24	0	33	0	3	6	168
KASSALA											01	8	10	3	0	3	As	6.8	-0.7	31.8	42	+1	28	+3	38	0	6	15	170
CENTRAL SUDAN: WAD MEDANI											00	—	20	5	0	0	—	8.3	+0.6	31.9	42	0	27	+4	34	0	18	17	171
DUEIM											00	—	—	3	0	0	—	8.6	+0.1	31.4	42	+1	26	+4	43	0	15	16	173
RENK																													182
ROSEIRES											00	—	14	1	0	0	—	8.4	0.0	31.2	40	+1	—	—	40	dr	63	67	172
EL OBEID											18	7	20	4	0	8	Ci,Ac,Cu	8.5	-1.1	29.0	41	+2	25	+4	46	0	13	24	174
EL FÂSHER											01	9	12	3	1	4	Ci	—	—	26.0	41	+3	23	+3	55	0	3	10	175
GENEINA											01	8	28	1	1	4	Ac	—	—	24.8	42	—	20	—	54	0	12	—	179
KADUGLI																												—	187
S. SUDAN: MALAKÂL																												137	176
WÂU											03	—	20	2	1	7	—	9.5	+0.2	24.5	35	0	24	+2	72	0	186	266	177
JÛBA											02	8	20	2	0	6	Sc	11.0	-0.3	26.0	35	+1	22	0	76	0	458	316	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7h	MATRÛH 7h	DIKHEILA	CAIRO 8h	HELWÂN 8h 30m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 7h	KAREIMA 4h	KHARTÛM 7h	KASSALA 5h	EL OBEID	MALAKAL	JUBA 7h
02.03.15	02.01.20		02.02.55	02.03.15	02.31.25	02.05.10	03.08.10	06.02.15	06.21.40	06.18.15			06.16.25
05.04.20	05.36.20		05.02.40	05.03.25	05.02.25	05.09.25	06.13.35	10.02.15	10.23.25	10.19.20			10.24.25
10.34.25	ent. Cu.		10.04.40	08.04.40	10.02.20	10.11.30	10.11.35	15.36.20	15.14.15	15.20.25			15.25.30
15.33.30			15.03.30	10.04.35	15.05.05	15.12.40	15.09.35	20.34.20	20.10.15	20.22.30			20.28.15
20.28.20				15.34.05	20.12.10		20.06.30	21.34.20	30.33.05	30.22.30			25.27.15
25.24.25				20.18.15			27.02.30		40.07.05				
30.24.20				23.23.20					50.09.05				
35.26.30				25.21.25					60.03.05				
40.26.35													

Forecast for 24 hours from noon on 7th

On the coast moderate northerly winds becoming easterly later.
Inland moderate to fresh northeasterly winds. Mainly clear.
Slightly warmer tomorrow; temperature about normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٧

على السواحل رياح معتدلة شمالية ثم تتحول الى شرقية فيما بعد وفى الداخل رياح شمالية شرقية بين المعتدل والشديدة نوعا

السماء صحو على العموم

ترتفع درجة الحرارة قليلا بكرة وتكون حوالى المعدل

STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff. from normal
Alexandria	79	+10	18.5	+2.0
Ezbekiya	54	+1	19.1	+1.1
Giza	57	+5	18.3	+0.9
Helwân	46	+7	18.2	+3.5

Giza Grass minimum on 7th 14.4°C

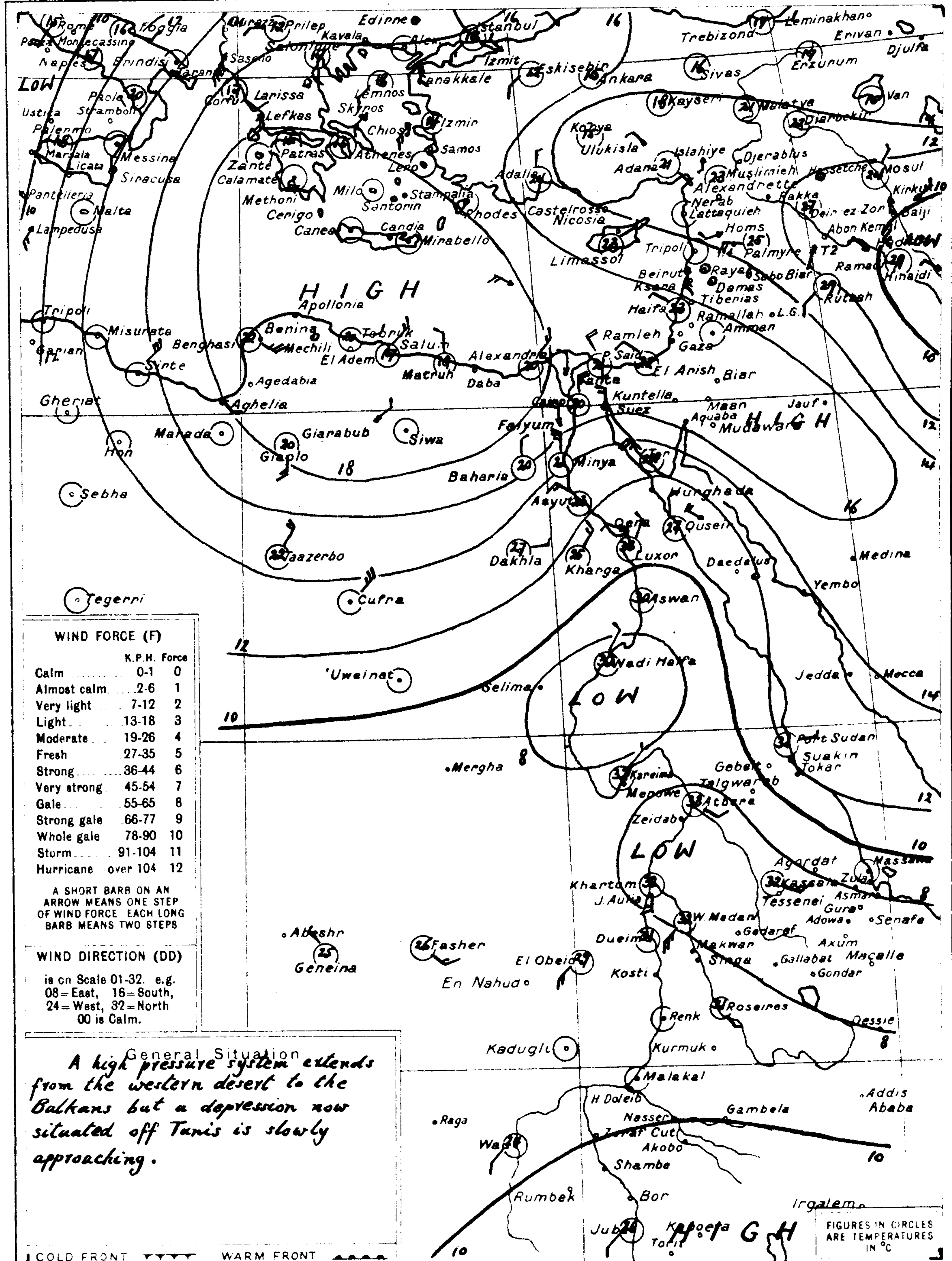
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
7-5	1100	948
6-5	1100	880

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	7-5	13.40	-0.09	13.57	+0.08
Nâsser	5-5	5.83	+0.04	5.80	+0.06
Malakal	6-5	10.38	+0.30	10.38	+0.30
Roseires	6-5	11.72	+0.23	11.60	+0.13
Sennâr Res	6-5	15.10	—	15.19	—
J. Aulia U.S	3-5	372.42	—	372.55	—
J. Aulia D.S	3-5	371.57	+0.69	371.60	+0.72
Khartûm	7-5	10.41	+0.14	10.45	+0.18
Kh. el Girba					
'Atbara	6-5	10.37	+0.37	10.39	+0.39
Kajnarti	6-5	132.62	+0.81	132.64	+0.79
Aswân Res.	7-5	119.71	—	119.83	—
Aswân D.S.	7-5	86.07	+0.43	86.07	+0.43
Rôda (Cairo)	7-5	15.79	+0.31	15.79	+0.31

Printed by the Survey & Mines Dept. 1938 (38, 554)

١٩٣٩-٥-٧ Isobars, Wind and Temperature at 8 h. 7-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

A high pressure system extends from the western desert to the Balkans but a depression now situated off Tunis is slowly approaching.

At 8 h. on 7th — ٥-٧ الساعة ٨ يوم

STATION محطة	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud amount N	Form C	M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry bulb °C TTT	Max. yesterday °C MM	Diff from norm °C	Min. today °C mm	Diff from norm °C	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	7	06	1	0	2	—	15.5	+2.8	23	—	—	—	—	—	0	603	445
Haifa	01	—	26	1	—	3	—	16.4	+5.2	23.0	39	+12	19	+4	65	0	552	642
Gaza																		374
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 05h 07m
" " Sunset 18h 37m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1939 ١٩٣٩ شهر مايو

Region	Station	14h on 7th: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU	8h on MONDAY 8th: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	00	9	02	3	0	0	—	19.0	19.4	52	00	7	12	2	0	0	—	17.4	+2.2	16.9	20	—	13	—	84	0	81	—	130
	MATRÛH	00	7	32	2	0	0	—	18.4	20.9	73	00	7	02	1	0	0	—	16.7	+2.7	19.6	21	-3	12	-3	76	0	122	158	131
	DIKHEILA	00	8	02	4	0	0	—	18.0	20.0	81	01	8	02	4	1	3	Sc	16.8	—	19.2	20	—	18	—	83	0	94	—	150
	ALEXANDRIA	00	9	04	4	0	0	—	17.5	22.0	59	02	9	04	3	2	4	Ac	16.4	+2.4	20.0	23	-3	17	0	68	0	165	183	132
	DAMIETTA											09	7	32	3	0	0	—	15.4	—	19.8	22	—	17	—	81	0	70	105	159
	PORT SAÏD	01	7	30	6	1	2	Ac	16.6	24.0	63	01	7	04	4	1	3	Ac	15.6	+3.1	20.0	25	0	18	0	76	0	64	78	134
	EL 'ARÎSH	00	7	30	3	1	0	—	16.0	22.8	83	01	7	00	0	1	3	Cu	16.2	—	22.1	24	—	14	—	80	0	130	91	135
LOWER EGYPT	DAMANHÛR											00	7	32	3	0	0	—	16.4	+2.3	21.2	26	-4	14	0	70	0	29	101	136
	MANṢŪRA											00	8	32	3	0	0	—	15.6	—	20.2	27	-4	15	0	70	0	46	53	137
	TANTA	00	7	28	3	0	0	—	14.4	27.5	40	00	8	02	3	0	0	—	16.6	+2.2	19.0	28	-4	12	-3	77	0	41	41	138
	ZAGÂZIG	00	8	02	4	0	0	—	15.6	27.8	40	00	7	02	4	0	0	—	16.2	—	21.4	28	-3	13	-1	69	0	31	27	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	02	5	0	0	—	14.7	29.7	41	02	8	04	4	1	5	Sc	15.8	—	20.0	30	—	15	—	76	0	18	—	141
	CAIRO EZBEKIYA	00	8	02	4	0	0	—	14.3	30.2	35	02	6	02	4	1	4	Cu	15.4	+2.4	20.0	31	0	15	-1	72	0	23	25	—
	CAIRO GÎZA	00	8	02	3	0	0	—	14.3	29.1	41	02	6	32	2	1	4	Cu	15.8	+2.1	19.8	30	-1	15	+2	75	0	23	26	—
	HELWÂN	05	7	02	5	0	0	—	13.3	30.9	20	00	7	02	5	0	0	—	14.3	+1.1	20.2	31	0	16	0	62	0	26	28	143
	SUEZ	00	8	32	3	1	0	—	14.2	28.7	43	00	7	30	3	0	0	—	14.3	+1.3	21.5	31	0	17	-1	73	0	27	17	144
UPPER EGYPT	FAIYÛM	00	7	02	5	1	0	—	13.1	30.8	27	00	7	32	5	0	0	—	14.6	+1.3	20.1	32	-1	16	0	66	0	7	8	153
	MINYA	00	6	30	4	0	0	—	11.4	32.7	31	01	6	32	3	1	3	Cs	12.7	-0.4	20.0	34	+1	17	+2	68	0	4	—	154
	ASYÛT	00	7	28	3	0	0	—	9.9	36.2	24	00	6	22	3	0	0	—	12.3	-0.3	22.2	38	+4	18	0	53	0	2	4	155
	QENA	02	8	22	2	1	5	Cu	8.7	40.6	23	00	7	26	2	0	0	—	10.4	-1.4	30.0	42	+4	23	+4	41	0	dr.	—	156
	LUXOR	01	8	22	2	1	3	Cs	8.4	41.5	23	00	8	26	1	0	0	—	10.2	—	31.5	43	—	23	—	39	0	dr.	—	157
	ASWÂN	01	7	04	2	1	3	Cu	6.2	41.2	16	00	7	00	0	0	0	—	9.5	-1.8	32.4	43	+4	27	+6	32	0	1	—	158
WESTERN DESERT	SÎWA	00	8	06	1	1	0	—	16.3	30.7	33	00	8	00	0	0	0	—	15.9	+1.7	19.9	32	0	14	-1	81	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	14.7	32.0	41	00	9	00	0	0	0	—	16.0	—	20.0	32	—	16	—	68	0	1	—	149
	KHÂRGA	00	8	32	4	0	0	—	9.9	36.2	28	00	8	04	3	0	0	—	11.8	-0.1	26.8	37	0	21	+2	46	0	dr.	tr.	151
	DÂKHLA	05	5	04	2	1	3	Ci	10.4	35.7	30	05	5	06	2	0	0	—	12.7	+0.1	26.0	37	0	20	+3	53	0	dr.	—	152
RED SEA	TOR	00	4	28	6	0	0	—	9.9	26.8	82	01	5	28	4	0	3	Ac	10.8	-0.6	24.2	27	-3	22	+3	78	0	20	13	145
	HURGHÂDA	02	9	30	4	1	4	Ci	10.0	29.4	54	00	9	30	4	0	0	—	10.8	-0.6	26.0	31	-1	23	+4	45	0	1	—	146
	QUSEIR	02	7	30	2	1	5	Ac	11.7	28.0	77	00	7	32	3	0	0	—	11.1	-0.4	27.5	29	-1	23	+1	58	0	tr.	6	147
	PORT SUDAN											00	—	08	2	0	0	—	10.7	+0.9	32.2	34	0	29	+6	70	0	81	108	[illegible]
NORTH SUDAN	WÂDI HALFA											00	8	02	2	0	0	—	7.6	-3.3	31.6	43	+4	25	+5	28	—	—	—	165
	KAREIMA											01	8	04	3	1	4	Cu,Sc	7.1	-2.3	35.0	44	+2	25	+2	24	0	1	2	166
	'ATBARA											30	—	12	6	3	9	—	7.1	-1.0	35.2	43	+2	29	+6	28	0	6	4	167
	KHARTÛM											03	8	16	3	1	8	Ac	6.8	-1.2	32.7	43	+1	28	+4	34	0	3	6	168
	KASSALA											03	8	28	2	1	6	Ac	7.0	-0.5	31.0	41	0	28	+3	42	0	16	16	170
CENTRAL SUDAN	WAD MEDANI											01	—	18	2	1	4	—	8.8	+1.1	30.4	40	-2	27	+4	48	0	18	18	171
	DUEIM											01	—	—	3	0	4	—	7.9	-0.7	30.8	41	0	27	+5	50	0	15	17	173
	RENK																												—	182
	ROSEIRES											00	—	14	1	0	0	—	9.4	+0.9	29.5	39	0	25	+2	47	0	63	69	172
	EL OBEID											03	8	22	4	1	6	Ac,As	7.5	-2.1	30.0	39	0	25	+4	41	0	13	25	174
	EL FASHER											02	9	12	3	1	5	Ac,Cc	—	—	26.9	39	+1	25	+5	56	0	3	10	175
	GENEINA											01	8	30	2	1	4	Ac	—	—	25.6	39	—	22	—	55	0	12	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											03	8	20	4	2	7	Ac	11.6	+1.5	24.4	30	-7	21	-2	80	9	201	140	176
	WÂU											03	—	24	2	6	7	—	11.9	+2.6	23.4	36	+1	21	-1	80	1	187	270	177
	JÛBA											81	8	32	1	9	7	Cu,Sc	12.8	+1.5	23.7	34	0	21	-1	91	12	470	319	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7h	MATRÛH 7h	DIKHEILA	CAIRO 8h	HELWAN 8h 30m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 3h	KAREIMA 3h	KHARTÛM 7h	KASSALA 7h	EL OBEID 6h	MALAKAL 7h	JUBA 7h	Salum 7th 13h
02.12.10	02.04.15		02.03.20	02.03.20	02.29.15	02.05.05	03.03.20	06.03.30	06.14.25	06.29.15	07.26.30	06.24.40	06.02.10	02.30.15
05.09.25	05.04.30		05.05.20	05.03.20	05.35.15	05.06.15	06.08.35	10.01.40	10.17.45	10.34.15	10.25.40	10.23.35	10.01.20	05.04.15
09.02.20	10.09.15		Ent.Cu.	08.06.30	10.03.10	10.08.15	10.07.25	15.35.40	15.21.50	15.06.10	15.34.25	15.23.35	15.01.25	10.34.25
10.35.15	15.26.05			10.04.15	15.34.10	15.11.20	15.04.35	20.32.35	20.25.35	20.07.20	20.34.20	20.25.35	21.31.20	15.34.15
15.31.25	18.29.25			15.16.05		20.11.25	20.06.10	21.32.35	30.27.15	30.03.15	30.05.15	30.07.05	30.22.25	20.23.10
20.28.10				20.21.15			29.28.10		40.33.10	40.02.10	40.04.25	40.07.35		25.24.25
25.23.30				23.23.20					42.01.10	50.01.15	50.13.25	42.06.35		30.22.20
30.24.25				25.23.15										35.22.30
35.24.20				30.22.20										40.23.30
40.24.30														45.23.40

Forecast for 24 hours from noon on 8th

Moderate to fresh winds, easterly becoming southeasterly later on the coast and northeasterly inland.
Some high cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٨
رياح بين المعتدلة والشديدة نوعا تكون شرقية ثم تتحول إلى جنوبية شرقية على الساحل وتكون شمالية شرقية في الداخل
يظهر بعض السحاب العالي
ولا تتغير درجة الحرارة إلا قليلا

Station	Mean of day Humidity % 7th	Diff. from normal	Wet Bulb Temp °C 7th	Diff. from normal
Alexandria	69	0	16.3	-0.2
Ezbekiya	54	+1	17.8	-0.3
Giza	57	+5	17.6	+0.1
Helwan	48	+9	16.1	+1.3

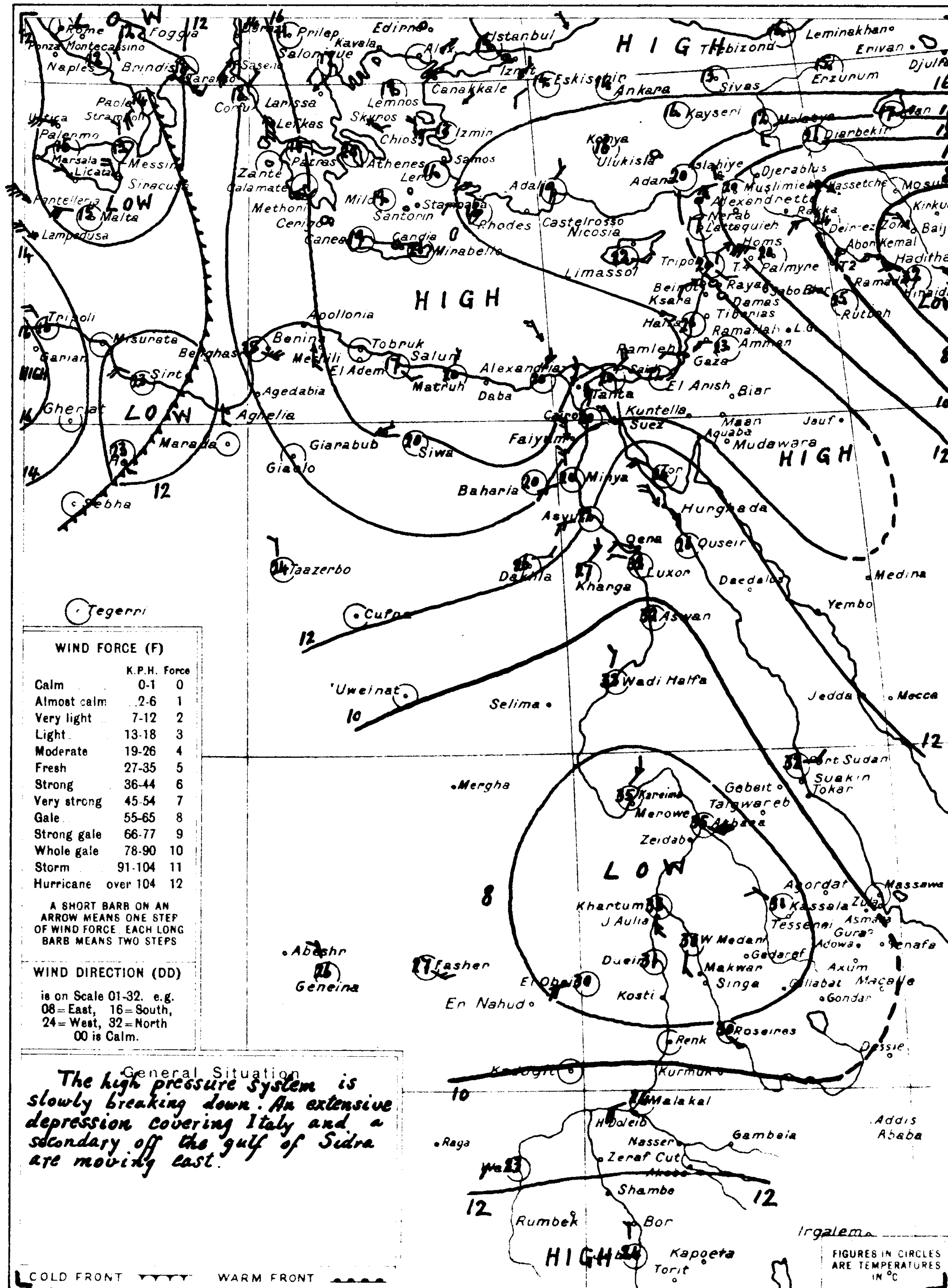
Giza Grass minimum on 8th 12.8 °C

Discharges at Aswan in millions of cubic metres per sec

DATE	1939	1938
8-5	1100	985
7-5	1100	948

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-5	13.40	-0.09	13.57	+0.08
Nâsser	7-5	5.82	-0.06	5.83	0.00
Malakâl	8-5	10.40	+0.30	10.38	+0.29
Roseires	8-5	11.72	+0.15	11.80	+0.28
Sennâr Res	7-5	14.95	—	15.10	—
J. Aulia U.S	8-5	372.40	—	372.40	—
J. Aulia D.S	5-5	371.40	+0.52	371.47	+0.59
Khartûm	7-5	10.41	+0.14	10.45	+0.18
Kh. el Girba					
'Atbara	7-5	10.34	+0.34	10.37	+0.37
Kajnarti	7-5	132.67	+0.81	132.66	+0.81
Aswân Res	8-5	119.73	—	119.77	—
Aswân D.S	8-5	86.07	+0.42	86.07	+0.43
Rôda (Cairo)	8-5	15.73	+0.25	15.79	+0.31

Isobars, Wind and Temperature at 8 h. 8-5-1939. ١٩٣٩-٥-٨



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The high pressure system is slowly breaking down. An extensive depression covering Italy and a secondary off the gulf of Sidra are moving east.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

Station	At 8h on 8th: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	1	0	0	—	14.6	+1.9	22	—	—	—	—	—	0	603	446
Haifa	01	—	26	1	—	3	—	15.6	+4.4	21.4	28	+1	15	-1	57	0	552	642
Gaza	02	6	24	1	0	5	As	17.3	+5.5	22	—	—	16	+2	75	—	—	374
Siwa 7th	00	8	00	0	0	0	—	19.1	+4.9	20.0	32	0	14	0	62	0	7	8
Gaza "	02	8	30	1	0	4	Ac	16.6	+4.7	21	—	—	12	-2	65	—	—	374

SHIPS: 23322 30006 29301 16865 31604 51712

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 554

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 06
" " Sunset 18 37

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 8 h. on 8-5 ٨-٥

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. TTT	% Humidity UU
…ITERRAN…	SALÛM	00	9	04	3	0	0	—	15.4	20.9	43
	MATRÛH	00	7	04	2	0	0	—	15.4	20.9	77
	DIKHEILA	01	8	02	3	1	3	Ci	15.8	20.3	85
	ALEXANDRIA	02	9	02	2	2	4	Ac	15.1	23.3	63
	DAMIETTA										
	PORT SAÎD	00	7	02	4	1	0	—	14.4	22.8	68
	EL 'ARÎSH	00	7	32	3	1	0	—	14.4	22.3	78
	…AMANHÛR										
	…NSÛRA										
	…NTA	00	7	04	3	0	0	—	14.3	28.9	36
	…ZIG	01	8	02	2	1	3	Cc	13.4	30.8	30
MIDDLE EG… CAIRO	ALMÂZA	02	8	04	4	1	5	Cs	13.4	30.7	25
	EZBEKÎYA	02	9	30	3	1	5	Cs	12.4	30.8	28
	GÎZA	02	8	30	3	1	4	Ci	12.3	31.2	29
	HELWÂN	02	8	02	5	1	4	Ci	11.6	31.2	17
	SUEZ	00	8	28	3	0	0	—	11.6	31.7	36
UPPER EGYPT	FAIYÛM	02	7	02	4	1	5	Sc	11.6	31.8	28
	MINYA	01	7	30	3	1	3	Cs	11.2	32.7	31
	ASYÛT	00	6	26	3	0	0	—	9.8	36.0	25
	QENA	00	8	20	2	0	0	—	8.0	40.9	23
	LUXOR	00	7	30	1	0	0	—	8.0	41.8	23
	ASWÂN	00	7	00	0	0	0	—	6.3	41.6	15
WESTERN DESERT	SÎWA	00	8	08	1	1	0	—	13.6	30.0	53
	BAHARÎYA	02	9	00	0	1	4	—	12.6	30.0	21
	KHARGA	00	8	04	4	0	0	—	9.0	38.8	23
	DÂKHLA	05	7	30	3	0	0	—	10.2	36.0	41
RED SEA	TÔR	01	6	28	5	0	3	Cu	8.7	27.5	76
	HURGHÂDA	01	9	02	3	0	3	Sc	9.8	30.0	49
	QUSEIR	01	7	32	2	0	2	Cs	10.3	28.4	63
	PORT SUDAN										
NORTH SUDAN	WÂDI HALFA										
	KAREIMA										
	'ATBARA										
	KHARTÛM										
	KASSALA										
CENTRAL SUDAN	WAD MEDANI										
	DUEIM										
	RENK										
	ROSEIRES										
	EL OBEID										
	EL FÂSHER										
	GENEINA										
	KADUGLI										
S. SUDAN	MALAKÂL										
	WÂU										
	JÛBA										

At 8 h. on TUESDAY 9th الثلاثاء ٩

Station	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALÛM	00	8	12	2	0	0	—	15.5	+0.4	19.4	22	—	15	—	64	0	81	—	130
MATRÛH	01	7	06	2	0	1	Cu	15.4	+1.5	20.4	21	-4	14	-1	64	0	122	159	131
DIKHEILA	01	7	02	2	0	2	St	16.0	—	20.3	21	—	18	—	85	0	94	—	150
ALEXANDRIA	00	9	08	1	0	0	—	15.6	+1.7	22.6	24	-2	18	+1	69	0	165	184	132
DAMIETTA	00	7	07	2	0	0	—	15.1	—	20.5	23	—	18	—	86	0	70	106	159
PORT SAÎD	01	7	02	3	1	3	Cu	14.8	+2.4	21.0	24	-2	19	+1	82	0	64	79	134
EL 'ARÎSH	00	7	00	0	0	0	—	15.0	—	23.0	24	—	16	—	76	0	130	92	135
…AMANHÛR	00	8	04	2	0	0	—	16.0	+1.9	22.0	29	-1	16	+2	72	0	29	102	136
…NSÛRA	00	8	02	1	0	0	—	15.4	—	22.3	30	-1	17	+2	65	0	46	54	137
…NTA	00	8	00	0	0	0	—	15.8	+1.4	21.6	30	-2	15	0	77	0	41	41	138
…ZIG	00	8	30	2	0	0	—	15.9	—	23.4	31	0	15	+1	71	0	31	28	139
ALMÂZA	00	7	04	4	1	0	—	15.5	—	21.9	31	—	17	—	66	0	18	—	141
EZBEKÎYA	00	6	02	4	0	0	—	14.7	+1.8	22.4	32	+1	17	+1	71	0	23	26	—
GÎZA	00	6	02	3	0	0	—	14.7	+1.0	21.	31	0	15	+2	75	0	23	26	—
HELWÂN	01	7	32	4	0	1	Cu	13.5	+0.3	24.9	33	+2	18	+1	29	0	26	28	143
SUEZ	00	8	28	3	0	0	—	13.9	+1.0	24.2	33	+2	18	0	59	0	27	17	144
FAIYÛM	02	7	32	4	1	4	Sc	13.6	+0.4	22.1	33	0	17	+1	61	0	7	8	153
MINYA	01	6	02	4	1	3	Ci	12.7	-0.3	22.2	34	+1	19	+4	59	0	4	—	154
ASYÛT	00	6	20	2	0	0	—	11.9	-0.7	27.8	37	+3	21	+3	40	0	2	4	155
QENA	00	7	22	1	0	0	—	10.4	-1.3	30.3	42	+4	24	+5	41	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	10.6	—	32.5	44	—	24	—	38	0	dr	—	157
ASWÂN	00	7	00	0	0	0	—	9.8	-1.4	30.0	44	+5	26	+5	29	0	1		158
SÎWA	00	8	08	2	0	0	—	15.1	+1.0	23.0	33	+1	16	+1	74	0	7	8	148
BAHARÎYA	02	9	00	0	1	4	—	14.3	—	21.5	32	—	18	—	54	0	1	—	149
KHARGA	00	8	04	3	0	0	—	10.3	-1.6	31.4	39	+2	25	+6	41	0	dr	tr	151
DÂKHLA	02	5	00	0	2	5	Cs	11.2	-1.3	29.3	38	+1	22	+5	42	0	dr	—	152
TÔR	00	5	28	4	0	0	—	10.6	-0.8	25.5	28	-2	21	+2	72	0	20	13	145
HURGHÂDA	01	9	30	4	1	3	St	10.7	-0.7	28.6	31	-1	21	+2	35	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	10.3	-1.2	29.9	30	0	23	+1	49	0	tr	6	147
PORT SUDAN	00	—	08	3	0	0	—	10.7	+1.0	32.0	35	+1	29	+6	75	0	81	108	169
WÂDI HALFA	01	8	32	2	0	3	Cs	7.5	-3.3	31.9	44	+5	26	+6	33	—	—	—	165
KAREIMA	05	7	12	3	1	5	—	8.0	-1.4	33.8	43	+1	26	+3	39	tr	1	2	166
'ATBARA	00	—	12	2	3	0	—	8.7	+0.6	34.8	43	+2	29	+5	33	0	6	4	167
KHARTÛM	02	8	02	2	5	5	As,As	7.8	-0.2	32.9	43	+1	28	+3	39	dr	3	6	168
KASSALA	00	8	14	3	1	0	—	9.3	+1.7	29.2	41	0	26	+1	58	1	17	16	170
WAD MEDANI	02	—	18	5	1	5	—	9.0	+1.3	30.0	40	-2	26	+3	52	dr	18	18	171
DUEIM	03	—	08	3	1	7	—	8.6	0.0	29.6	42	+1	26	+4	51	0	15	17	173
RENK																			182
ROSEIRES	00	—	18	1	0	0	—	8.2	-0.4	29.4	39	0	23	0	47	dr	63	71	172
EL OBEID	03	8	16	2	1	7	Cu,Ac	8.4	-1.2	27.6	40	+1	25	+4	51	0	13	25	174
EL FÂSHER	03	8	14	5	1	7	Sc,Ac	—	—	28.7	38	0	24	+4	24	0	3	10	175
GENEINA	02	8	00	0	2	5	Ac,As	—	—	27.0	40	—	24	—	49	0	12	—	179
KADUGLI																		—	187
MALAKÂL	03	8	12	3	2	7	Ac	10.3	+0.2	24.9	33	-3	24	+1	75	0	201	142	176
WÂU	01	—	12	2	0	3	—	9.0	-0.3	27.6	34	+1	23	+1	64	0	187	275	177
JÛBA	03	8	00	0	0	7	Sc	11.3	-0.1	24.0	30	-4	21	-1	91	dr	470	323	178

UPPER WINDS 9th الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.	KASSALA 5 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA 7 h. m.	SALUM 8th 13 h. m.
02.10.15	02.09.15		02.04.35	02.03.35	02.36.10	05.08.25	03.10.15	06.17.35	06.22.25	06.18.20	07.19.10	06.17.20	06.07.10	02.11.15
05.06.20	05.09.10		05.04.30	05.03.25	05.01.20	10.10.25	06.13.40	10.17.30	10.19.25	10.21.35	10.21.35	10.16.25	10.22.10	05.11.20
07.36.15	10.32.30		08.07.20	08.05.25	10.03.25	15.11.30	10.13.45	15.12.20	15.07.10	15.21.25	15.21.30	15.17.25	15.19.25	10.07.05
10.34.15	15.30.30		10.08.15	10.06.20	15.36.30	20.10.20	15.10.40	20.10.35	20.06.20	20.06.10	20.24.15	20.18.15	20.19.25	11.35.05
15.33.25	19.25.40		13.34.10	15.31.10	20.35.35		20.08.35	30.07.30	30.09.25	30.05.30	30.09.20	30.11.25	30.21.35	15.31.10
20.26.30			15.32.15	20.32.20			30.01.10		40.08.40		40.07.30	40.21.45	40.17.30	20.25.30
25.31.20			20.33.20	23.31.25			40.32.10		50.07.30		50.07.35	42.21.45		25.25.25
				25.31.35			50.01.10		52.08.30					30.24.25
				29.32.50			60.33.15							35.25.20
							70.27.25							40.25.20

Forecast for 24 hours from noon on 9th
Moderate to fresh northeast to east winds.
Clear or occasional high cloud.
Warmer; temperature above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٩
رياح بين المعتدلة والشديدة نوعا وبين شمالية شرقية وشرقية.
السماء صحو أو نادر بار بيضه السحاب العالي احيانا
ترتفع درجة الحرارة وتكون فوق المعدل

STATION	Mean of day Humidity % on 8th	Diff. from normal	Wet Bulb Temp °C on 8th	Diff. from normal
Alexandria	72	+3	17.5	+0.9
Ezbekiya	51	-2	17.6	-0.6
Giza	55	+3	18.0	+0.4
Helwân	42	+3	16.3	+1.4

Giza Grass minimum on 9th 13.8 °C

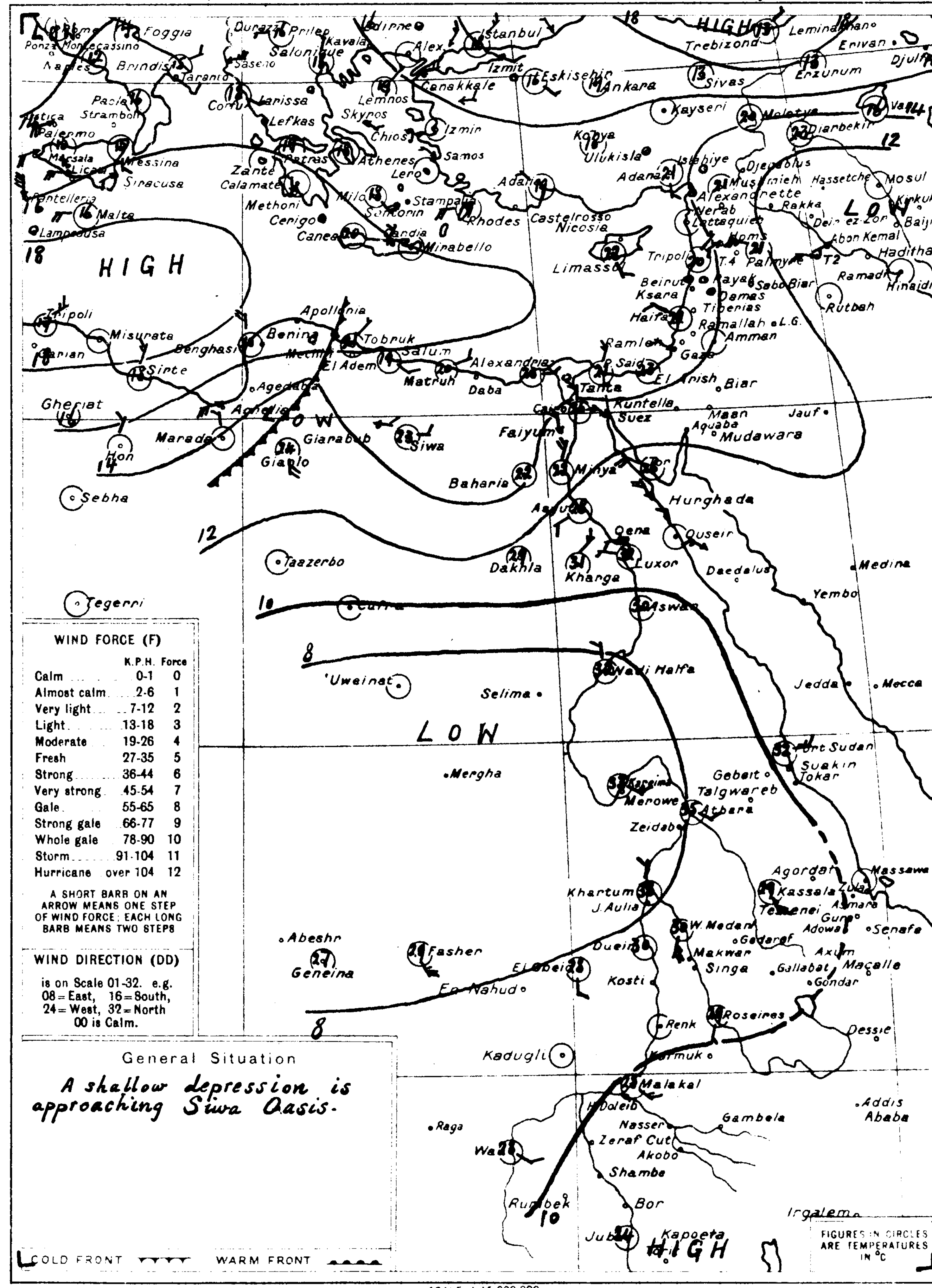
Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
9-5	1100	984
8-5	1100	985

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	8-5	13.40	-0.10	13.40	-0.09
Nâsser	8-5	5.86	-0.06	5.82	-0.06
Malakâl	9-5	10.40	+0.29	10.40	+0.30
Roseires	9-5	11.72	+0.12	11.72	+0.15
Sennâr Res	8-5	14.81	—	14.95	—
J. Aulia U.S	7-5	372.36	—	372.41	—
J. Aulia D.S	7-5	371.31	+0.43	371.32	+0.44
Khartûm	8-5	10.39	+0.12	10.41	+0.14
Kh. el Girba					
'Atbara	9-5	10.28	+0.28	10.30	+0.30
Kajnarti	8-5	132.69	+0.83	132.67	+0.81
Aswân Res.	9-5	119.68	—	119.73	—
Aswân D.S.	9-5	86.07	+0.41	86.07	+0.42
Rôda (Cairo)	9-5	15.73	+0.25	15.73	+0.25

Printed by the Survey & Mines Dept. 1936 (38 554)

1939-5-9 Isobars, Wind and Temperature at 8 h. 9-5-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation
A shallow depression is approaching Siwa Oasis.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 9th ٩ الساعة ٨ يوم

STATION	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	14	2	0	0	—	14.8	+2.1	22	—	—	—	—	—	0	603	446
Haifa	02	—	26	2	—	5	—	15.1	+4.0	21.5	23	-4	16	0	71	0	552	642
Gaza	02	8	26	1	2	4	Ac	15.6	+3.8	19	—	—	15	+1	85	—	—	374
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h. 05 m. 05
Sunset h. 18. m. 38

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1939 ١٩٣٩ شهر مايو

At 14 h. on 9th (الساعة ١٤ يوم ٩) — At 8 h. on WEDNESDAY 10th (الساعة ٨ يوم الاربعاء ١٠)

Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max Yesterday MM	Max Diff. from norm	Min Today mm	Min Diff. from norm	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
SALÛM	00	8	04	2	0	0	—	15.8	21.0	67	09	5	12	2	4	5	St,Ci	15.9	+0.9	17.6	24	—	15	—	91	0	81	—	130
MATRÛH	00	7	02	3	0	0	—	16.0	21.4	75	02	7	06	3	1	4	As	15.8	+1.9	20.2	22	-3	14	-1	76	0	122	159	131
DIKHEILA	00	8	02	3	0	0	—	16.2	21.0	87	01	8	04	3	0	1	Cu	16.7	—	19.6	21?	—	18	—	90	0	94	—	150
ALEXANDRIA	00	9	04	4	0	0	—	15.4	23.6	66	00	9	06	2	0	0	—	16.0	+2.1	22.0	26	0	17	0	72	0	165	184	132
DAMIETTA											00	8	04	2	0	0	—	16.0	—	20.6	24	—	18	—	86	0	70	106	159
PORT SAÏD	00	7	04	4	1	0	—	15.0	23.5	73	01	7	02	3	1	3	Ac	15.6	+3.2	21.4	25	-1	19	+1	83	0	64	79	134
EL 'ARÎSH	00	7	32	3	0	0	—	14.8	23.0	90	01	7	00	0	1	4	Cu	16.4	—	21.1	23	—	18	—	89	0	130	92	135
DAMANHÛR											00	8	04	3	0	0	—	16.3	+2.2	22.7	31	+1	16	+2	68	0	29	102	136
MANSÛRA											00	8	02	2	0	0	—	15.9	—	22.3	31	0	16	+1	72	0	46	54	137
TANTA	00	7	00	0	0	0	—	14.6	31.6	32	00	8	00	0	0	0	—	16.4	+2.1	21.4	33	+1	15	0	79	0	41	41	138
ZAGÂZIG	00	8	02	2	0	0	—	14.0	32.6	26	00	8	04	2	0	0	—	16.0	—	23.6	33	+2	15	+1	74	0	31	28	139
CAIRO ALMÂZA	01	8	04	3	1	4	Cc	13.0	23.7	17	05	7	04	4	1	0	—	16.2	—	21.7	34	—	16	—	66	0	18	—	141
CAIRO EZBEKIYA	02	9	04	2	1	4	Cc	13.0	34.8	22	00	6	02	4	0	0	—	15.2	+2.3	22.3	35	+4	16	0	71	0	23	26	—
CAIRO GÎZA	01	8	32	1	0	3	Cc	13.1	33.5	24	00	6	04	1	0	0	—	15.2	+1.5	22.0	34	+2	16	+2	68	0	23	26	—
HELWÂN	01	8	32	4	1	3	AC	11.9	35.2	11	05	6	02	5	0	0	—	14.2	+1.0	26.3	36	+4	19	+2	19	0	26	28	143
SUEZ	00	9	32	3	0	0	—	12.6	35.0	26	00	8	32	3	0	0	—	14.4	+1.5	26.3	36	+5	18	0	42	0	27	17	144
FAIYÛM	02	7	32	3	1	4	Sc	12.2	35.4	22	00	7	02	3	0	0	—	14.4	+1.2	24.0	37	+4	17	+1	31	0	7	8	153
MINYA	01	7	30	3	1	3	Cs	11.2	35.5	22	00	7	28	2	1	0	—	12.4	-0.5	24.0	37	+4	19	+4	53	0	4	—	154
ASYÛT	02	6	28	3	1	4	Cu	9.5	40.6	21	00	6	22	3	0	0	—	12.4	-0.1	27.0	43	+9	21	+3	34	0	2	4	155
QENA	00	8	20	1	0	0	—	8.7	40.8	25	00	7	04	1	0	0	—	10.8	-0.8	33.1	43	+5	27	+8	30	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	8.3	42.0	25	00	8	06	1	0	0	—	11.1	—	33.4	44	—	24	—	32	0	dr	—	157
ASWÂN	01	7	00	0	1	3	Ci	6.8	42.7	11	00	7	00	0	0	0	—	10.4	-0.8	30.5	44	+5	27	+6	28	0	1	—	158
SÎWA	00	8	06	1	0	0	—	13.3	34.9	37	00	8	08	3	0	0	—	16.0	+1.9	23.9	36	+4	18	+3	77	0	7	8	148
BAHARÎYA	00	9	00	0	0	0	—	11.5	37.0	14	00	9	00	0	0	0	—	14.2	—	24.5	38	—	18	—	53	0	1	—	149
KHARGA	00	8	04	3	0	0	—	7.5	41.6	30	00	8	04	3	0	0	—	12.3	+0.5	33.0	42	+4	29	+10	27	0	dr	tr	151
DÂKHLA	01	7	06	4	1	2	Ci	9.4	40.9	41	05	6	12	2	0	0	—	11.0	-1.5	34.1	42	+5	26	+9	49	0	dr	—	152
TÔR	00	6	28	4	0	0	—	8.8	31.1	62	00	6	28	5	0	0	—	11.5	+0.2	25.0	33	+3	20	+1	84	0	20	13	145
HURGHÂDA	02	9	30	3	1	4	St	10.2	31.5	42	00	9	30	2	0	0	—	12.4	+1.1	30.4	33	+1	22	+3	34	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	10.4	29.0	59	00	7	32	3	0	0	—	11.5	+0.1	29.9	31	+1	24	+2	50	0	tr	6	147
PORT SUDAN											00	—	04	1	0	0	—	10.7	+1.0	32.2	34	0	29	+6	55	0	81	108	169
WÂDI HALFA											02	8	32	3	1	5	Ac,Ci	7.5	-3.3	33.1	45	+6	26	+6	39	—	—	—	165
KAREIMA											05	7	02	2	1	6	As	8.3	-1.0	30.8	43	+1	27	+4	42	0	1	2	166
'ATBARA											00	—	10	4	0	0	—	7.6	-0.4	34.2	41	0	28	+4	21	0	6	4	167
KHARTÛM											01	8	04	2	1	3	Ac	6.2	-1.8	33.5	42	0	27	+2	34	0	3	6	168
KASSALA											00	8	12	4	0	0	—	3.6	-4.0	35.6	39	-2	30	+5	25	0	17	17	170
WAD MEDANI											00	—	06	3	0	0	—	5.6	-2.1	35.1	39	-3	24	+1	41	0	18	18	171
DUEIM											00	—	—	3	0	0	—	6.8	-1.8	32.6	39	-2	26	+4	35	0	15	17	173
RENK																			—			—		—				—	182
ROSEIRES											00	—	14	1	0	0	—	8.0	-0.7	28.2	40	+1	24	+1	54	2	65	73	172
EL OBEID											02	8	24	3	1	5	Ac,Ci	6.4	-3.2	28.8	39	0	25	+4	58	dr	13	25	174
EL FÂSHER											02	9	04	1	2	5	Cu,Sc	—	—	26.0	37	-1	22	+2	55	1	4	10	175
GENEINA											02	8	24	4	1	5	Ac,As	—	—	26.8	38	—	24	—	49	0	12	—	179
KADUGLI																												—	187
MALAKÂL											03	8	20	2	2	8	Cu,As	8.3	-1.8	26.6	36	0	24	+1	76	0	201	145	176
WÂU											02	—	16	2	0	4	—	6.5	-2.9	29.5	36	+1	24	+2	58	0	187	280	177
JÛBA											00	8	20	1	0	2	Ac	8.6	-2.8	26.8	33	-1	22	0	69	0	470	326	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 8 h.	MATRÛH 7 h.	DIKHEILA	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 5 h.	JÛBA	SALÛM 9th 13 h.
02.11.10	02.08.20		02.05.30	02.04.40	02.13.05	05.07.35		06.10.25	06.34.20	06.10.30	07.27.30	06.17.25		02.06.05
05.07.—	05.06.30		05.05.35	05.04.15	05.02.40	10.07.40		10.11.45	10.03.10	10.11.40	10.32.25	10.18.25		05.09.15
10.18.35	10.05.25		10.02.05	08.03.10	10.06.60	15.07.20		15.09.35	15.05.15	15.03.20	15.03.05	15.18.25		07.03.15
15.12.25			12.32.10	10.36.10		20.08.20		20.07.35	20.05.25	20.03.20	20.15.15	20.10.10		10.34.20
20.13.10			15.31.10	15.34.15				30.06.25	30.07.35	30.03.20	28.11.25	30.07.30		15.03.20
22.18.05				20.32.35				40.07.20	40.06.35	40.33.10		40.09.50		20.36.15
25.25.15				23.31.35				42.07.20	50.07.15					23.32.05
30.25.30				25.31.45					52.07.10					

Forecast for 24 hours from noon on 10th

Moderate northeast to east winds, fresh at times.
Clear or occasional high cloud.
Warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٠

رياح معتدله شماليه شرقيه الى شرقيه تشتد أحيانا
السماء صحو أو نظهر بها بعض السحاب العالى
وتزداد حرارة الجو

Mean of day

Station	Humidity % on 9th	Diff. from normal	Wet Bulb Temp °C on 9th	Diff. from normal
Alexandria	74	+5	18.7	+2.0
Ezbekîya	49	-4	18.3	-0.1
Gîza	53	+1	18.7	+1.0
Helwân	22	-17	16.2	+1.2

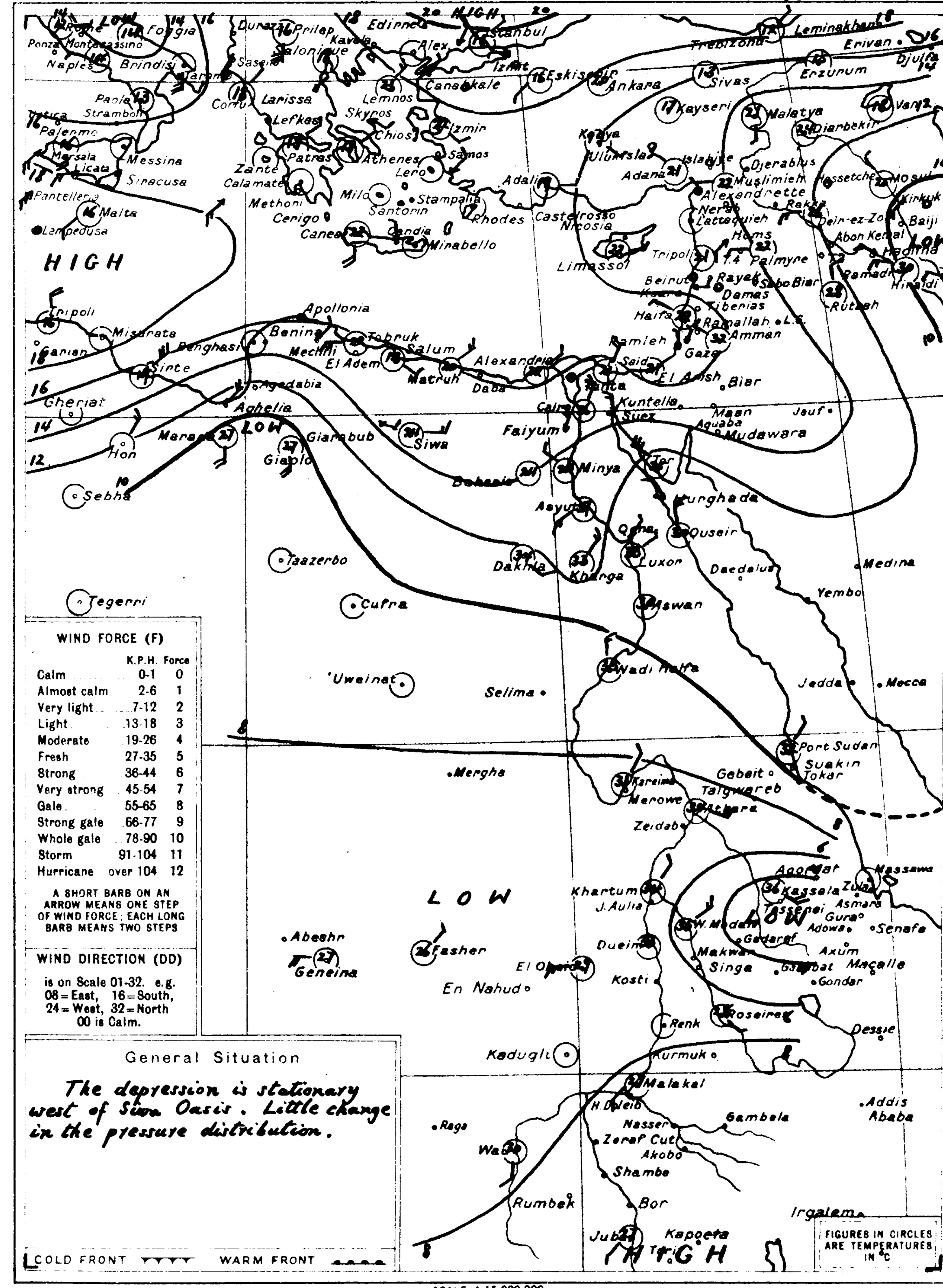
Gîza Grass minimum on 10th 13.7 °C

Discharges at Aswân measured by sluices m³ per sec.

Date	1939	1938
10-5	1100	984
9-5	1100	984

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-5	13.40	-0.11	13.42	-0.08
Nâsser	9-5	6.11	+0.15	5.86	-0.06
Malakâl	10-5	10.41	+0.29	10.40	+0.29
Roseires	10-5	11.94	+0.31	11.72	+0.12
Sennâr Res	9-5	14.66	—	14.81	—
J. Aulia U.S	9-5	372.27	—	372.28	—
J. Aulia D.S	9-5	371.27	+0.39	371.29	+0.41
Khartûm	9-5	10.38	+0.11	10.39	+0.12
Kh. el Girba					
'Atbara	9-5	10.28	+0.28	10.30	+0.30
Kajnarti	9-5	132.72	+0.86	132.69	+0.83
Aswân Res.	10-5	119.63	—	119.68	—
Aswân D.S.	10-5	86.07	+0.40	86.07	+0.41
Rôda (Cairo)	10-5	15.77	+0.29	15.73	+0.25

١٩٣٩-٥-١٠ Isobars, Wind and Temperature at 8 h. 10-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

The depression is stationary west of Siwa Oasis. Little change in the pressure distribution.

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 10-5-1939 ١٩٣٩-٥-١٠ الساعة ٨ يوم

Station	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max Yesterday MM	Max Diff. from norm	Min Today mm	Min Diff. from norm	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	08	2	0	0	—	15.8	+3.1	22	—	—	—	—	—	0	603	447
Haifa	00	—	26	1	0	0	—	16.3	+5.3	21.9	25	-2	17	+1	69	0	552	642
Gaza	00	9	32	1	4	0	—	16.2	+4.4	20	—	—	12	-2	75	—	—	374
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38 554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 05.04

" " Sunset 18.59

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 10-5 ١٠-٥ الساعة ١٤ يوم — At 8 h. on THURSDAY 11th الخميس ١١ الساعة ٨ يوم

STATION	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	02	8	04	3	1	4	Ci	14.8	22.1	61	00	7	12	3	0	0	—	12.4	-2.5	22.8	23		17		35	0	81	—	130
MATRUH	02	7	06	3	2	5	As	15.2	22.3	75	00	7	10	3	0	0	—	13.5	-0.4	19.2	24	-1	15	0	79	0	122	159	131
DIKHEILA	01	8	02	3	1	3	Cs	15.8	21.1	87	01	7	10	2	4	4	St	15.4	—	18.7	22		15		88	0	94	—	150
ALEXANDRIA	02	9	04	4	2	4	As	14.8	24.1	66	00	7	00	0	4	0	—	14.7	+0.8	19.0	25	-1	17	0	88	0	165	184	132
DAMIETTA											00	8	04	2	0	0	—	14.3	—	23.0	26		17		69	0	70	106	159
PORT SAÏD	00	7	04	4	1	0	—	14.6	24.4	68	00	7	04	2	0	0	—	14.4	+2.0	22.0	25	-1	19	+1	76	0	64	79	134
EL 'ARÎSH	00	7	30	3	0	0	—	14.6	24.1	84	00	7	00	0	0	0	—	15.0	—	22.8	24		18		76	0	130	92	135
EGYPT																													
DAMANHÛR											00	8	06	2	0	0	—	15.4	+1.3	23.0	33	+3	14	0	67	0	29	102	136
MANSÛRA											00	8	02	1	0	0	—	14.4	—	23.8	33	+2	16	+1	60	0	46	54	137
TANTA	00	7	00	0	0	0	—	14.3	32.8	33	00	8	00	0	0	0	—	14.8	+0.5	21.8	34	+1	13	-2	78	0	41	41	138
ZAGÂZÎG	01	8	30	1	0	2	Cs	13.6	34.4	32	00	7	02	2	4	0	—	14.8	—	22.4	34	+3	14	0	78	0	31	28	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	01	8	32	2	0	1	Ci	13.3	34.6	21	05	7	02	3	0	0	—	14.7	—	23.6	36	—	16	—	50	0	18	—	141
EZBEKÎYA	01	9	02	3	0	2	Ci	13.5	34.6	18	00	6	32	3	0	0	—	14.2	+1.3	22.8	37	+6	16	0	61	0	23	26	—
GÎZA	00	8	02	2	0	0	—	12.4	35.0	21	05	6	30	1	0	0	—	13.9	+0.3	21.0	35	+3	14	0	69	0	23	26	—
HELWÂN	05	6	32	3	0	0	—	11.6	36.0	9	05	6	28	4	0	0	—	13.0	-0.2	22.6	37	+5	16	-1	46	0	26	28	143
SUEZ	00	9	32	3	0	0	—	11.4	35.4	31	00	8	32	2	0	0	—	13.4	+0.6	23.7	38	+6	17	-1	58	0	27	17	144
UPPER EGYPT																													
FAIYÛM	00	7	30	3	0	0	—	11.6	37.0	17	00	7	30	2	0	0	—	13.5	+0.3	25.5	38	+4	16	0	38	0	7	8	153
MINYA	00	9	30	3	0	0	—	10.8	37.7	21	00	6	32	1	0	0	—	12.2	-0.7	24.2	39	+6	19	+4	50	0	4	—	154
ASYÛT	00	7	28	3	0	0	—	9.5	40.0	12	00	6	22	3	0	0	—	11.9	-0.6	29.1	42	+8	22	+4	27	0	2	4	155
QENA	00	8	04	2	0	0	—	8.6	40.9	21	00	8	26	1	0	0	—	11.2	-0.3	32.0	42	+4	24	+5	29	0	dr	—	156
LUXOR	00	8	02	1	0	0	—	8.4	41.4	22	00	8	10	1	0	0	—	11.0	—	33.4	43	—	21	—	28	0	dr	—	157
ASWÂN	00	7	10	2	0	0	—	6.0	43.0	10	00	7	00	0	0	0	—	10.2	-1.0	30.1	44	+5	27	+5	17	0	1	—	158
WESTERN DESERT																													
SÎWA	03	8	08	1	2	6	Cu	13.1	35.0	57	00	8	08	2	0	0	—	12.4	-1.6	25.2					61	0	7	8	148
BAHARÎYA																										0	1	—	149
KHÂRGA	00	8	12	2	0	0	—	8.0	42.6	17	00	8	02	2	0	0	—	11.0	-0.7	33.3	43	+5	30	+10	26	0	dr	tr	151
DÂKHLA	01	7	10	4	1	1	Ci	8.4	42.7	47	02	6	10	2	1	4	Ci	11.0	-1.4	35.8	44	+7	26	+8	54	0	dr	—	152
RED SEA																													
TOR	00	6	28	5	0	0	—	9.1	30.5	58	00	6	28	5	0	0	—	10.0	-1.2	25.5	33	+3	23	+4	80	0	20	13	145
HURGHÂDA	00	9	04	2	0	0	—	10.8	31.7	48	00	9	30	3	0	0	—	10.4	-0.9	30.3	35	+3	22	+3	51	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	11.0	32.1	40	00	7	32	3	0	0	—	10.4	-0.9	29.0	33	+2	25	+2	51	0	tr	6	147
PORT SUDAN											00	—	32	1	0	0	—	10.7	+1.1	32.6	38	+4	29	+6	53	0	81	108	169
NORTH SUDAN																													
WÂDI HALFA											01	8	02	4	0	3	Cs	8.0	-2.8	34.0	45	+6	27	+7	18	—	—	—	165
KAREIMA											05	7	32	4	0	0	—	7.7	-1.6	33.5	43	+1	27	+4	24	0	1	2	166
'ATBARA											30	—	08	6	3	9	—	7.0	-1.0	34.5	44	+3	27	+3	17	0	6	5	167
KHARTÛM											05	7	28	1	0	0	—	7.8	-0.2	32.7	44	+2	27	+2	43	0	3	6	168
KASSALA											00	8	16	3	0	0	—	6.7	-0.9	31.0	42	+1	28	+3	48	0	17	17	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	20	4	0	0	—	7.1	-0.6	30.3	42	0	22	-2	46	0	18	19	171
DUEIM											00	—	—	3	0	0	—	7.9	-0.7	27.6	43	+2	24	+2	63	10	25	18	173
RENK																												—	182
ROSEIRES											00	—	12	1	1	0	—	8.0	-0.7	29.0	35	-4	24	+1	54	1	66	74	172
EL OBEID											02	8	24	3	1	5	Ac	7.1	-2.5	27.4	40	-1	24	+2	63	dr	13	26	174
EL FÂSHER											02	9	32	1	8	6	Sc	—	—	22.5	37	-1	20	0	83	1	5	11	175
GENEINA											03	8	28	2	2	7	Ns	—	—	24.4	35	—	22	—	67	dr	12	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											02	8	12	3	2	6	As,Ac	8.7	-1.5	27.2	35	-1	22	-1	69	2	203	148	176
WÂU											03	—	24	3	6	7	—	9.3	-0.1	24.5	37	+2	23	+1	84	2	189	284	177
JÛBA											04	8	24	1	0	3	Ac	9.6	-1.9	25.8	35	+1	22	+1	76	11	481	330	178

UPPER WINDS الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. m.	HELWÂN 9 h. m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 3 h. m.	KAREIMA 4 h. m.	KHARTÛM 7 h. m.	KASSALA 5 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA h. m.	SALUM 10th 12 h. m.
[illegible].20	02.11.35		02.06.20	02.35.15	02.06.05	02.03.10	03.06.30	06.10.35	06.26.15	06.21.25	07.25.15	06.13.25		02.09.10
[illegible] —	05.11.25		05.06.30	05.08.15	05.05.35	05.05.35	06.09.45	10.10.45	10.00.0	10.20.20	10.27.40	10.14.25		05.11.—
[illegible]30	10.04.30		10.07.20	08.06.30	10.04.30	10.04.35	10.09.40	15.09.45	15.00.0	15.13.35	15.29.15	15.15.20		10.09.40
[illegible]10	15.01.15		13.02.20	10.03.15	15.02.25	15.04.20	15.07.45	20.09.40	20.28.05	20.12.40	20.21.10	20.19.20		14.12.20
15.22.15			15.36.20	15.01.20	20.01.35	20.36.15	20.06.40		30.27.10	30.11.35	30.07.40	30.17.10		15.16.20
20.27.35				20.35.20			23.06.30		40.24.15	40.20.20		34.07.10		20.19.10
25.25.45									50.15.15					25.24.10
30.26.45									60.09.10					29.26.15
									63.08.05					

Forecast for 24 hours from noon on 11th

On the coast moderate easterly winds, becoming southeast.

Inland moderate northeast to east winds, fresh at times.

Clear or occasional high cloud.

Slightly warmer.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر يوم ١١

في الساحل رياح معتدلة شرقية تصير جنوبية شرقية وفي الداخل رياح معتدلة شمالية شرقية الى شرقية وتشتد قوتها احيانا

السماء صحو او ظهور بعض السحاب العالي احيانا

سيزداد ارتفاع الحرارة قليلا

STATION	Mean of day Humidity % on 10th	Diff. from normal	Wet bulb temp °C on 10th	Diff. from normal
Alexandria	75	+6	18.8	+2.0
Ezbekiya	51	-2	18.8	+0.3
Giza	51	-1	19.0	+1.2
Helwân	14	-25	15.7	+0.6

Giza Grass minimum on 11th 12.0 °C

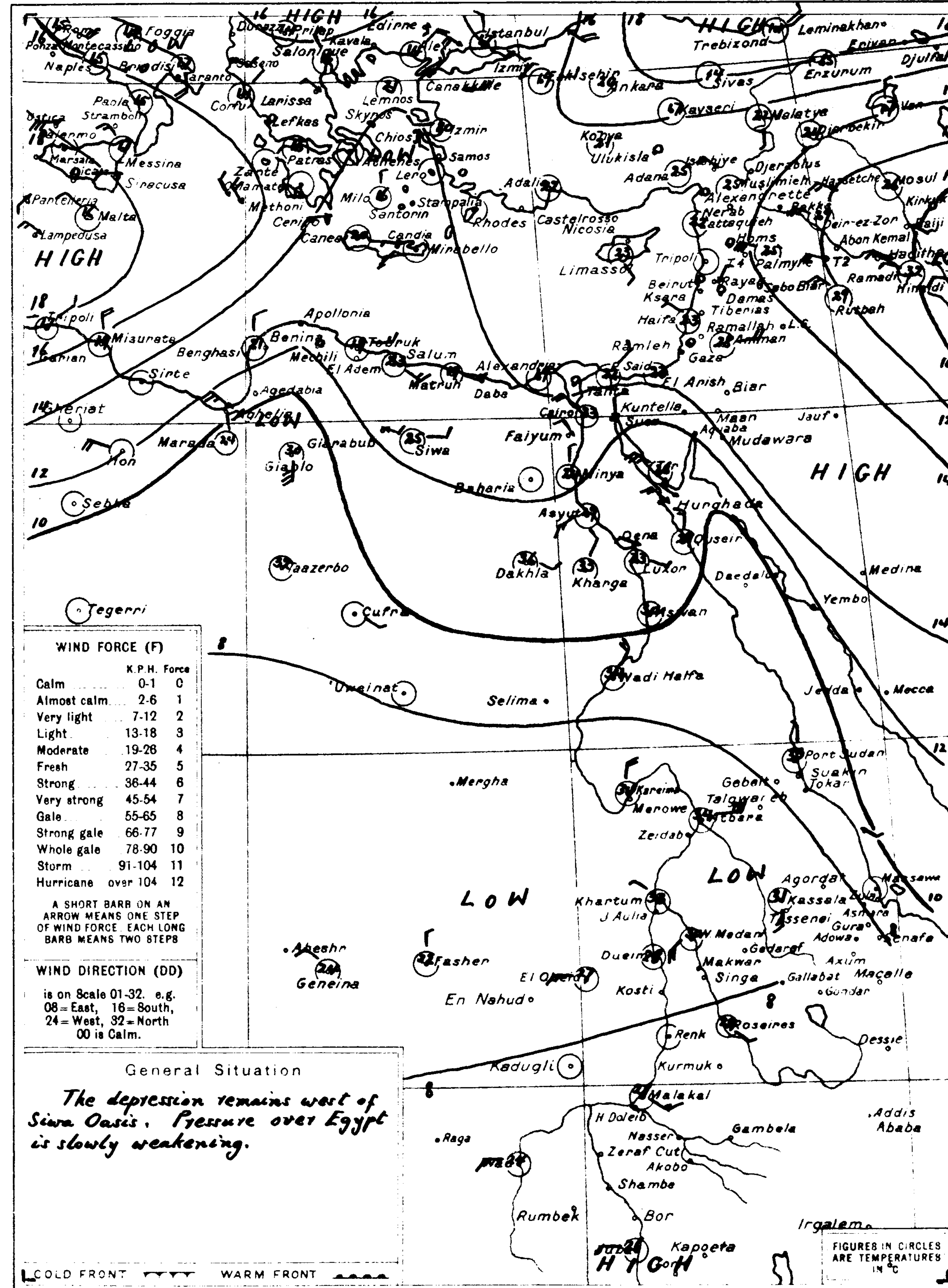
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
11-5	1157	984
10-5	1100	984

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10-5	13.40	-0.11	13.42	-0.08
Nasser	10-5	6.41	+0.41	6.11	+0.15
Malakâl	11-5	10.44	+0.31	10.41	+0.29
Roseires	11-5	12.10	+0.42	11.94	+0.37
Sennâr Res	10-5	14.65	—	14.66	—
J. Aulia U.S	10-5	372.09	—	372.27	—
J. Aulia D.S	10-5	371.28	+0.40	371.27	+0.39
Khartûm	10-5	10.36	+0.09	10.38	+0.11
Kh. el Girba					
'Atbara	10-5	10.26	+0.26	10.23	+0.28
Kajnarti	10-5	132.75	+0.88	132.72	+0.86
Aswân Res.	11-5	119.56	—	119.63	—
Aswân D.S	11-5	86.14	+0.45	86.07	+0.40
Rôda (Cairo)	11-5	15.79	+0.31	15.77	+0.29

Printed by the Survey & Mines Dept. 1936-38 5541

١٩٣٩-٥-١١ Isobars, Wind and Temperature at 8 h. 11-5-1939



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The depression remains west of Siwa Oasis. Pressure over Egypt is slowly weakening.

COLD FRONT — WARM FRONT

At 8 h. on 11th — الساعة ٨ يوم ١١

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm.	Min. Today °C mm	Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	14	2	0	0	—	—	—	23	—	—	—	—	—	0	603	447
Haifa	02	—	26	1	—	5	—	14.6	+3.6	22.6	24	-3	20	+4	75	0	552	642
Gaza																		374
SHIPS سفن	53275 34006 28300 16879																	

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

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise h. 05 m. 03

" " Sunset h. 18 m. 39

Month May 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 11.5 الساعة ١٤ يوم ١١-٥

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp °C TTT	% Humidity UU
MEDITERRANEAN										
SALÛM	02	8	04	2	1	4	Ac.	12.2	26.8	35
MATRUH	00	7	06	4	0	0	—	13.1	25.2	79
DIKHEILA	00	8	02	4	0	0	—	14.7	22.6	90
ALEXANDRIA	00	9	04	4	0	0	—	13.6	24.0	76
DAMIETTA										
PORT SAID	00	7	04	3	0	0	—	13.4	25.5	56
EL 'ARISH	00	7	30	4	0	0	—	13.0	23.8	92
LOWER EGYPT										
DAMANHUR										
MANSURA										
TANTA	00	7	32	1	0	0	—	13.1	33.8	21
ZAGAZIG	00	8	02	2	0	0	—	12.8	34.4	25
MIDDLE EGYPT										
CAIRO ALMAZA	00	8	04	3	0	0	—	12.2	35.2	23
CAIRO EZBEKIYA	00	9	04	2	0	0	—	12.4	34.7	14
CAIRO GIZA	00	8	02	2	0	0	—	11.5	34.9	18
HELWAN	00	9	02	3	0	0	—	10.4	35.7	04
SUEZ	00	9	32	3	0	0	—	11.1	33.2	39
UPPER EGYPT										
FAIYUM	00	8	02	3	0	0	—	11.2	36.8	13
MINYA	00	7	28	3	0	0	—	10.4	38.0	17
ASYUT	00	7	24	3	0	0	—	9.1	40.0	12
QENA	00	8	26	4	0	0	—	7.8	42.5	20
LUXOR	00	8	30	2	0	0	—	8.4	41.0	20
ASWAN	00	7	32	3	0	0	—	7.1	42.3	12
WESTERN DESERT										
SIWA	02	8	10	1	1	4	Cu.	10.6	40.9	24
BAHARIYA	00	9	00	0	0	0	—	10.8	40.0	15
KHARGA	00	8	04	1	0	0	—	8.6	42.3	16
DAKHLA	05	7	02	1	1	4	Ci.	8.8	42.4	44
RED SEA										
TOR	00	6	28	3	0	0	—	8.2	28.5	77
HURGHADA	00	9	04	2	0	0	—	9.1	31.8	49
QUSEIR	00	7	04	2	0	0	—	9.9	29.0	71
PORT SUDAN										

At 8 h. on FRIDAY 12th الساعة ٨ يوم الجمعة ١٢

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm °C	Min. Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																			
SALÛM	21	7	32	6	5	8	As.	13.5	-1.3	21.0	32	—	—	—	66	dr.	81	—	130
MATRUH	03	7	32	2	2	6	As.	12.0	-1.9	21.5	28	+3	17	+2	90	0	122	159	131
DIKHEILA	01	8	10	3	0	1	Cs.	12.2	—	23.9	25	—	17	—	62	0	94	—	150
ALEXANDRIA	00	9	12	2	0	0	—	11.4	-2.5	22.0	27	+1	18	+1	70	0	165	184	132
DAMIETTA	00	8	04	1	0	0	—	11.5	—	25.5	29	—	18	—	65	0	70	106	159
PORT SAID	01	7	06	2	1	3	Ac.	11.8	-0.6	20.0	27	+1	19	+1	75	0	64	79	134
EL 'ARISH	04	6	12	1	1	5	As.	12.3	—	20.8	24	—	15	—	92	0	130	92	135
LOWER EGYPT																			
DAMANHUR	00	8	06	3	0	0	—	11.4	-2.7	25.3	36	+6	16	+2	52	0	29	102	136
MANSURA	01	8	08	1	1	3	Sc.	11.5	—	24.9	35	+4	17	+2	55	0	46	54	137
TANTA	00	8	08	1	0	0	—	11.1	-3.2	24.0	35	+2	15	0	60	0	41	41	138
ZAGAZIG	00	8	04	2	0	0	—	11.8	—	25.4	34	+2	15	+1	58	0	31	28	139
MIDDLE EGYPT																			
CAIRO ALMAZA	01	8	04	2	1	1	Ci.	10.7	—	30.0	36	—	20	—	31	0	18	—	141
CAIRO EZBEKIYA	01	6	32	1	1	1	Cc.	10.6	-2.3	26.8	37	+5	18	+2	38	0	23	26	—
CAIRO GIZA	01	6	02	1	1	[illegible]	Ac.	10.3	-3.3	25.1	35	+3	14	0	43	0	23	26	—
HELWAN	01	7	04	6	0	3	Ci.	9.1	-41	29.8	37	+5	22	+5	12	0	26	28	143
SUEZ	00	8	28	2	0	0	—	10.4	-24	26.2	37	+5	18	0	53	0	27	17	144
UPPER EGYPT																			
FAIYUM	01	8	30	1	0	3	Cu.	10.0	-3.2	26.8	37	+3	18	+2	32	0	7	8	153
MINYA	00	7	30	1	0	0	—	9.0	-3.8	26.0	39	+5	20	+4	36	0	4	—	154
ASYUT	00	6	22	3	0	0	—	9.3	-3.2	26.1	41	+7	19	+1	34	0	2	4	155
QENA	01	7	26	2	1	3	Cs.	8.7	-2.7	28.8	43	+5	21	+2	32	0	dr.	—	156
LUXOR	02	8	22	2	1	4	Cs.	8.4	—	30.2	42	—	19	—	32	0	dr.	—	157
ASWAN	00	7	02	1	0	0	—	7.9	-3.2	30.2	43	+4	26	+4	11	0	1		158
WESTERN DESERT																			
SIWA	03	7	00	0	2	8	Cu.	9.3	-4.7	29.0	42	+9	23	+8	58	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.1	—	30.0	41	—	23	—	25	0	1	—	149
KHARGA	00	8	32	2	0	0	—	8.8	-2.8	31.7	43	+5	23	+3	28	0	dr.	tr.	151
DAKHLA	05	6	10	1	1	4	Cu.	9.6	-2.8	30.6	44	+6	25	+7	54	0	dr.	—	152
RED SEA																			
TOR	00	6	28	4	0	0	—	7.4	-3.7	25.6	34	+4	23	+4	28	0	20	13	145
HURGHADA	01	9	30	4	0	2	Ci.	8.7	-2.5	28.9	34	+2	20	+1	43	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	8.8	-2.5	29.9	32	+1	24	+1	46	0	tr.	6	147
PORT SUDAN	00	—	02	1	0	0	—	9.1	-0.5	34.2	36	+2	31	+8	61	0	81	108	169
NORTHERN SUDAN																			
WADI HALFA	00	8	02	3	0	0	—	7.3	-3.4	31.2	45	6	24	+4	27	—	—	—	165
KAREIMA	01	8	02	2	0	1	Ci.	8.4	-0.8	33.5	44	+2	27	+4	21	0	7	2	166
ATBARA	00	—	14	3	0	0	—	7.1	-0.9	35.0	43	+1	26	+2	18	0	6	5	167
KHARTUM	01	8	18	4	1	4	Sc.Ci.	7.5	-0.5	32.6	44	+2	29	+4	43	0	3	6	168
KASSALA	00	8	16	4	0	0	—	7.9	+0.2	30.4	41	0	28	+3	41	0	17	7	170
CENTRAL SUDAN																			
WAD MEDANI	02	—	18	3	6	4	—	8.0	+0.2	28.2	41	-1	23	-1	66	8	26	19	171
DUEIM	02	—	—	3	0	4	—	8.2	-0.4	30.1	40	-1	26	+3	52	0	25	18	173
RENK									—									—	162
ROSEIRES	00	—	18	1	1	0	—	9.3	+0.5	27.8	37	-2	24	+1	58	dr.	66	76	172
EL OBEID	03	8	22	3	0	8	Cs.	7.7	-1.9	28.0	39	0	24	+2	57	0	13	26	174
EL FASHER	01	8	32	1	0	4	AcC.	—	—	26.0	37	-1	21	+1	55	0	5	11	175
GENEINA	02	8	24	2	2	5	Ac.	—	—	26.3	36	—	23	—	48	dr.	12	—	179
KADUGLI																		—	187
S. SUDAN																			
MALAKAL	03	8	12	3	2	7	AcAs.	11.0	+0.8	24.4	31	-5	22	-1	80	19	222	151	176
WAU	02	1	20	1	1	4	—	8.3	-1.2	26.0	31	-4	23	+2	79	0	189	289	177
JUBA	01	8	00	0	0	4	St.	10.6	-1.9	26.8	34	0	22	+1	77	0	481	333	178

UPPER WINDS الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	FASHER
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	4 h.	6 h.	7 h.	7 h.	7 h.	7 h.	h. m.	7 h.
							03 04 30	06 09 35	06 19 20	06 19 35	07 26 50	06 14 35		09 04 20
							06 03 55	10 07 35	10 24 35	10 21 45	10 27 40	10 17 10		10 03 30
							10 02 45	15 08 35	15 25 10	15 24 35	15 28 30	15 15 15		15 05 20
							15 02 50	20 07 45	20 11 20	20 25 20	20 31 15	20 18 15		20 02 10
							20 04 15		30 07 20	30 26 15	30 28 20	30 05 10		28 08 10
									40 02 15	40 06 15	33 27 25	40 05 25		
									50 04 25	50 09 10		40 07 25		
									60 01 25					
									70 08 40					
									80 31 20					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 11th	Diff. from normal	Wet Bulb Temp on 11th	Diff. from normal
Alexandria	84	+14	19.4	+2.5
Ezbekiya	42	-11	17.9	-0.7
Giza	49	-3	18.1	+0.2
Helwan	27	-12	15.7	+0.6

Giza Grass minimum on 12th 10.7 °C

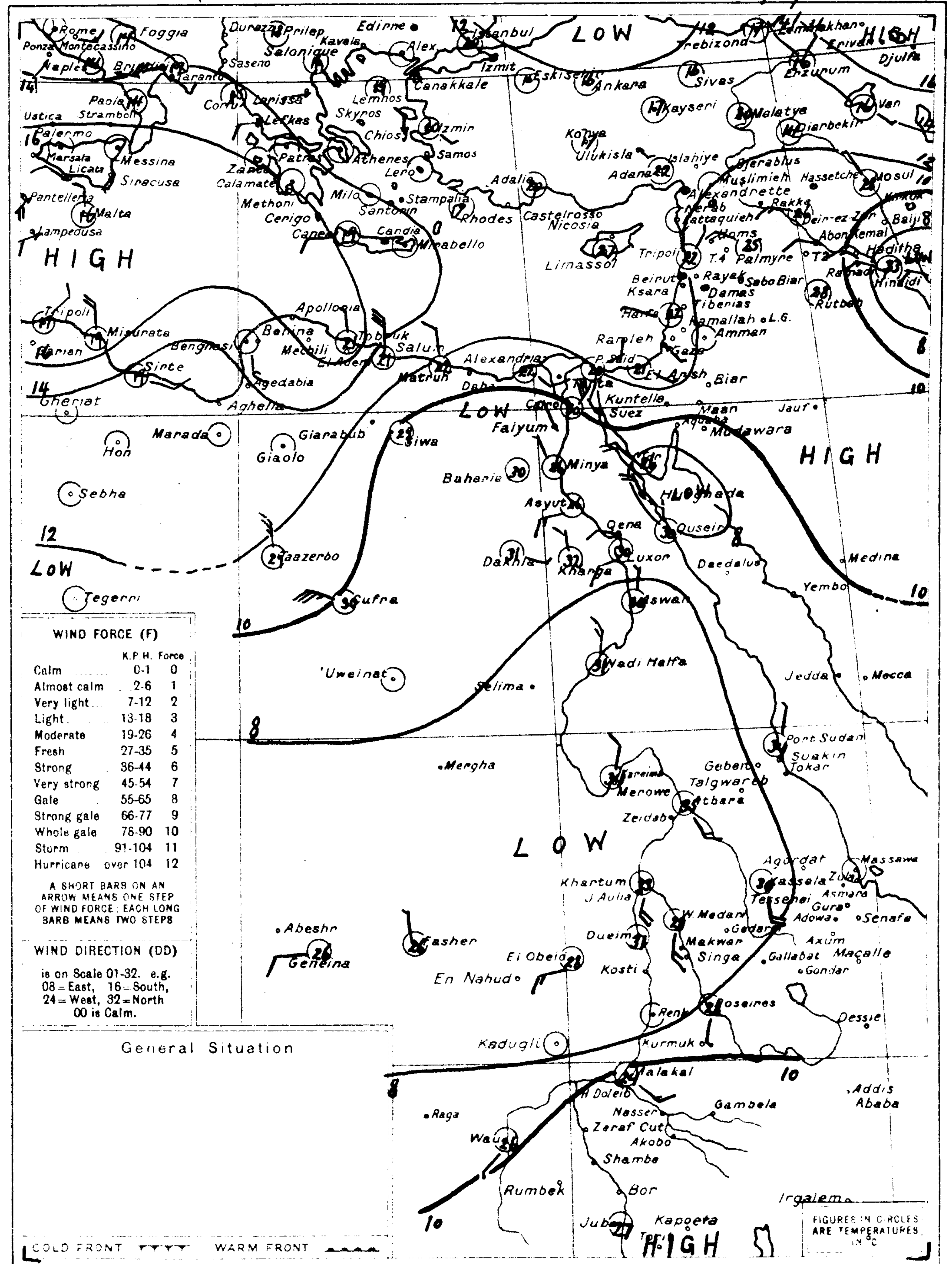
Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
12.5	1157	984
11.5	1157	984

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	12.5	13.35	-0.18	13.36	-0.16
Nasser	11.5	6.54	+0.52	6.41	+0.41
Malakal	12.5	10.47	+0.32	10.44	+0.31
Roseires	12.5	11.88	+0.16	12.10	+0.42
Sennar Res	12.5	14.21	—	14.74	—
J. Aulia U.S	12.5	372.05	—	372.07	—
J. Aulia D.S	12.5	371.28	+0.40	371.28	+0.40
Khartum	12.5	10.41	+0.14	10.38	+0.11
Kh. el Girba					
Atbara	12.5	10.22	+0.21	10.23	+0.22
Kajnarti	12.5	132.77	+0.90	132.77	+0.90
Aswan Res	12.5	119.53	—	119.56	—
Aswan D.S	12.5	86.17	+0.46	86.14	+0.45
Roda (Cairo)	12.5	15.79	+0.31	15.77	+0.31

Printed by the Survey & Mines Dept. 1938 (8 554)

١٩٣٩-٥-١٢ Isobars, Wind and Temperature at 8 h. 12. 5. 1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

SCALE 1:15 000 000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 12th ١٢

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm °C	Min. Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	02	6	00	0	1	5	—	13.1	+0.4	27	—	—	—	—	—	0	603	448
Haifa	01	—	26	1	—	3	—	12.3	+1.3	22.3	25	-2	18	+2	77	0	552	642
Gaza	00	9	12	1	0	0	—	13.3	+1.6	22	—	—	15	0	75	—	—	374
Siwa	00	8	08	2	0	0	—	12.4	-1.6	25.2	37	+4	20	+5	61	0	7	8
Bahariya	00	9	08	1	0	0	—	13.5	—	22.9	40	—	21	—	34	0	1	—
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 5h 03m
" " Sunset 18h 40m

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1939 ١٩٣٩ شهر مايو ١٣ - ٥ - ١٩٣٩

Region	Station	14h 12.5 ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Sat 13th ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs)	Diff. from normal mbs	Dry Bulb TTT	Max Yesterday MM	Diff from norm	Min Today mm	Diff from norm	UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITER.	SALÛM	03	7	32	5	2	8	Ac	15.8	21.4	69	03	8	28	2	2	6	Cs	15.6	+0.9	22.3	24	—	17	—	65	tr	81	—	130
	MATRÛH	03	7	28	4	2	6	As	13.8	22.1	90	03	7	04	1	2	6	As	14.8	+1.0	22.7	24	-1	18	+2	76	0	122	159	131
	DIKHEILA	02	8	02	3	1	4	Cs	11.5	22.4	90	03	7	28	3	2	8	As	15.1	—	21.0	29	—	20	—	91	0	94	—	150
	ALEXANDRIA	02	9	04	2	2	4	Ac	11.2	25.4	72	03	8	06	3	2	8	As	14.6	+4.8	21.6	29	+3	20	+3	80	0	165	184	132
	DAMIETTA											03	8	26	1	2	8	Ac	13.3	—	23.6	29	—	20	—	79	0	70	106	159
	PORT SAÏD	01	7	04	3	1	3	Ac	9.9	26.5	73	03	7	10?	5	1	8	Ac	11.4?	-0.9	23.5	27	+1	20	+2	76	0	64	79	134
	EL 'ARISH	00	7	30	3	1	0	—	9.5	24.3	83	02	7	00	0	1	5	As	12.7	—	22.7	26	—	16	—	79	0	130	92	135
LOWER EGYPT	DAMANHÛR											03	6	32	4	2	8	Cs	13.5	-0.6	23.8	35	+5	19	+5	63	0	29	102	136
	MANṢURA											02	4	32	3	2	5	As	13.1	—	23.6	36	+5	19	+4	62	0	46	54	137
	TANTA	00	8	02	2	0	0	—	9.5	35.5	22	03	6	02	1	2	8	As	13.6	-0.7	23.8	36	+3	18	+2	60	0	41	41	138
	ZAGÂZIG	01	8	04	1	0	2	Ci	8.7	36.4	20	00	7	30	2	0	0	—	13.9	—	24.4	36	+4	18	+3	68	0	31	28	139
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	04	5	1	4	Ci	7.8	38.9	27	03	7	32	3	2	8	Cs	14.0	—	21.7	40	—	20	—	80	0	18	—	141
	CAIRO EZBEKIYA	02	8	02	2	1	4	Ci	7.0	39.3	10	03	6	02	2	2	7	St	13.1	+0.2	22.0	40	+8	19	+3	74	0	23	26	—
	CAIRO GÎZA	02	8	02	3	1	5	Cs	6.6	38.6	12	03	5	36	2	2	8	As	13.5	-0.1	21.9	39	+7	18	+4	75	0	23	26	—
	HELWÂN	01	8	06	3	0	4	Ci	5.5	40.6	3	05	6	32	5	2	8	As	12.2	-0.9	22.9	41	+9	20	+3	55	0	26	28	143
	SUEZ	00	9	02	3	0	0	—	6.0	36.0	33	03	7	28	3	2	8	As	11.8	-1.0	23.9	40	+8	18	0	76	0	27	17	144
UPPER EGYPT	FAIYÛM	02	8	02	1	1	4	Ci	5.9	41.1	12	03	6	32	5	1	8	Sc	12.2	-1.0	22.7	43	+9	21	+4	64	0	7	8	153
	MINYA	02	8	32	2	2	4	Cs	5.9	38.0	15	03	6	32	4	2	8	Cs	9.9	-2.8	23.0	39	+5	21	+5	52	0	4	—	154
	ASYÛT	02	7	32	2	1	4	Ac	5.8	39.1	20	02	6	22	3	1	5	Cc	9.8	-2.6	25.5	43	+8	20	+2	39	0	2	4	155
	QENA	02	8	18	1	1	5	Ci	5.9	41.1	22	03	6	26	1	2	7	Sc	8.3	-3.0	29.7	42	+4	22	+3	42	0	dr	—	156
	LUXOR	02	8	22	2	2	5	Cs	5.8	41.5	19	02	8	04	1	2	5	Ci	8.3	—	31.2	43	—	20	—	31	0	dr	—	157
	ASWÂN	03	7	00	0	1	6	Ci	4.0	42.0	16	02	7	00	0	1	5	Cu	7.1	-4.0	29.8	45	+6	24	+2	23	0	1		158
WESTERN DESERT	SÎWA	03	7	32	3	2	7	Cu	10.8	36.3	37																	7	8	148
	BAHARIYA	00	9	00	0	0	0	—	6.8	40.0	16	02	9	32	1	1	4	—	12.4	—	24.0	42	—	22	—	53	0	1	—	149
	KHARGA	00	8	32	2	0	0	—	5.9	39.6	23	00	8	04	3	0	0	—	9.3	-2.3	27.4	41	+3	25	+5	35	0	dr	tr	151
	DÂKHLA	02	8	04	3	2	4	Ci	6.3	41.9	9	30	3	02	3	3	9	Ci	10.7	-1.6	28.9	42	+4	25	+7	28	0	dr	—	152
RED SEA	TÔR	00	6	24	2	0	0	—	6.0	29.0	67	01	5	28	3	0	4	As	8.8	-2.2	25.6	32	+2	21	+2	78	0	20	13	145
	HURGHÂDA	00	9	04	2	0	0	—	7.8	33.8	35	02	4	30	4	2	5	Cc	9.3	-1.9	28.7	34	+2	21	+2	29	0	1	—	146
	QUṢEIR	00	7	02	2	0	0	—	7.4	28.9	70	01	7	32	2	0	1	Ci	8.8	-2.5	27.9	31	0	23	0	61	0	tr	6	147
	PORT SUDAN											00	—	20	1	0	0	—	9.1	-0.4	32.1	37	+2	29	+6	75	0	81	108	169
NORTH SUDAN	WÂDI HALFA											01	8	14	1	1	3	Cs	7.1	-3.6	28.9	45	+6	26	+6	19	—	—	—	165
	KAREIMA											01	8	04	1	0	3	Ci	7.5	-1.7	32.8	44	+2	28	+4	25	0	1	2	166
	ATBARA											00	—	18	3	0	0	—	7.6	-0.4	34.8	42	0	28	+4	24	0	6	5	167
	KHARTÛM											01	8	20	2	1	2	Ac	7.8	-0.2	32.2	42	0	28	+3	43	0	3	6	168
	KASSALA											00	8	10	2	0	0	—	9.4	+1.7	31.7	41	0	28	+3	48	0	17	18	170
CENTRAL SUDAN	WAD MEDANI											01	—	16	4	0	4	—	9.3	+1.5	30.9	39	-3	23	-1	45	0	26	20	171
	DUEIM											01	—	—	3	0	4	—	7.9	-0.7	30.2	40	-1	26	+3	56	0	25	18	173
	RENK											01	7	18	1	1	4	—	9.0	—	30	35	—	24	—	79	—	—	—	182
	ROSEIRES											01	—	18	1	0	4	—	9.6	+0.7	27.7	37	-2	22	-1	63	3	69	78	172
	EL OBEID											01	8	22	1	8	4	Ac	7.2	-2.4	29.7	38	-1	25	+3	59	1	14	27	174
	EL FASHER											01	8	30	3	1	2	Cs	—	—	27.0	40	+2	23	+3	49	dr	5	11	175
	GENEINA											02	8	24	1	2	5	Ac	—	—	23.2	38	—	22	—	74	dr.	12	—	179
	KADUGLI											03	8	12	3	0	6	Ns	8.7	—	25	37	—	20	—	68	—	—	—	187
S. SUDAN	MALAKÂL											02	8	28	1	1	5	Ac	9.8	-0.5	24.6	34	-2	22	-1	83	0	222	154	176
	WÂU											02	—	20	1	6	5	—	8.3	-1.2	25.4	35	0	23	+2	84	7	196	293	177
	JÛBA											01	8	00	0	1	4	Sc	10.1	-1.5	28.0	33	-1	24	+3	77	0	481	357	178

UPPER WINDS on 13th الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	
h. m.	7 h. m.	h. m.	8 h. m.	8 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	5 h. m.	7 h. m.	7 h. m.	7 h. m.	5 h. m.	h. m.	h. m.
	02.03.05		02.02.25	02.36.25	02.35.20	05.16.20	03.08.10	06.02.10	06.22.20	06.19.30	07.23.25	06.24.05		
	05.05.05		05.02.35	05.03.30	05.01.20	10.10.20	07.07.35	10.03.10	10.22.35	10.19.40	10.25.30	10.21.15		
	10.31.05		10.06.30	08.05.50	08.13.25	15.10.15	10.07.25	15.06.10	15.23.35	15.23.20	15.29.05	15.20.10		
	15.24.20		15.07.20	10.05.40	10.05.20	20.13.15		20.07.10	20.25.05	20.08.05	20.15.05	20.11.15		
	20.31.40			15.05.15	15.02.25			28.07.15	25.08.20	30.05.30	30.07.30	30.11.15		
	25.30.30			20.31.10	20.02.25				30.09.20		37.09.40	40.13.05		
	30.30.35			23.31.20					40.07.40					
				25.26.45					50.07.35					
				30.27.35					60.09.25					
				35.25.35					66.10.30					

Forecast for 24 hours from noon on 13th

Moderate winds between northeast and northwest.
Some medium cloud.
Possibility of light rain on the coast.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٣
رياح معتدلة ما بين الشمالية الغربية والشمالية الشرقية
ظهور بعض السحاب الوسط
يحتمل أن تمطر خفيفاً على الساحل
لا تغيير في درجة الحرارة إلا قليلا

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet bulb temp °C on 12th	Diff. from normal
Alexandria	75	+5	19.8	+2.8
Ezbekiya	32	-21	17.7	-1.0
Giza	35	-17	17.5	-0.4
Helwân	13	-26	15.7	+0.5

Giza Grass minimum on 13th 17.8 °C

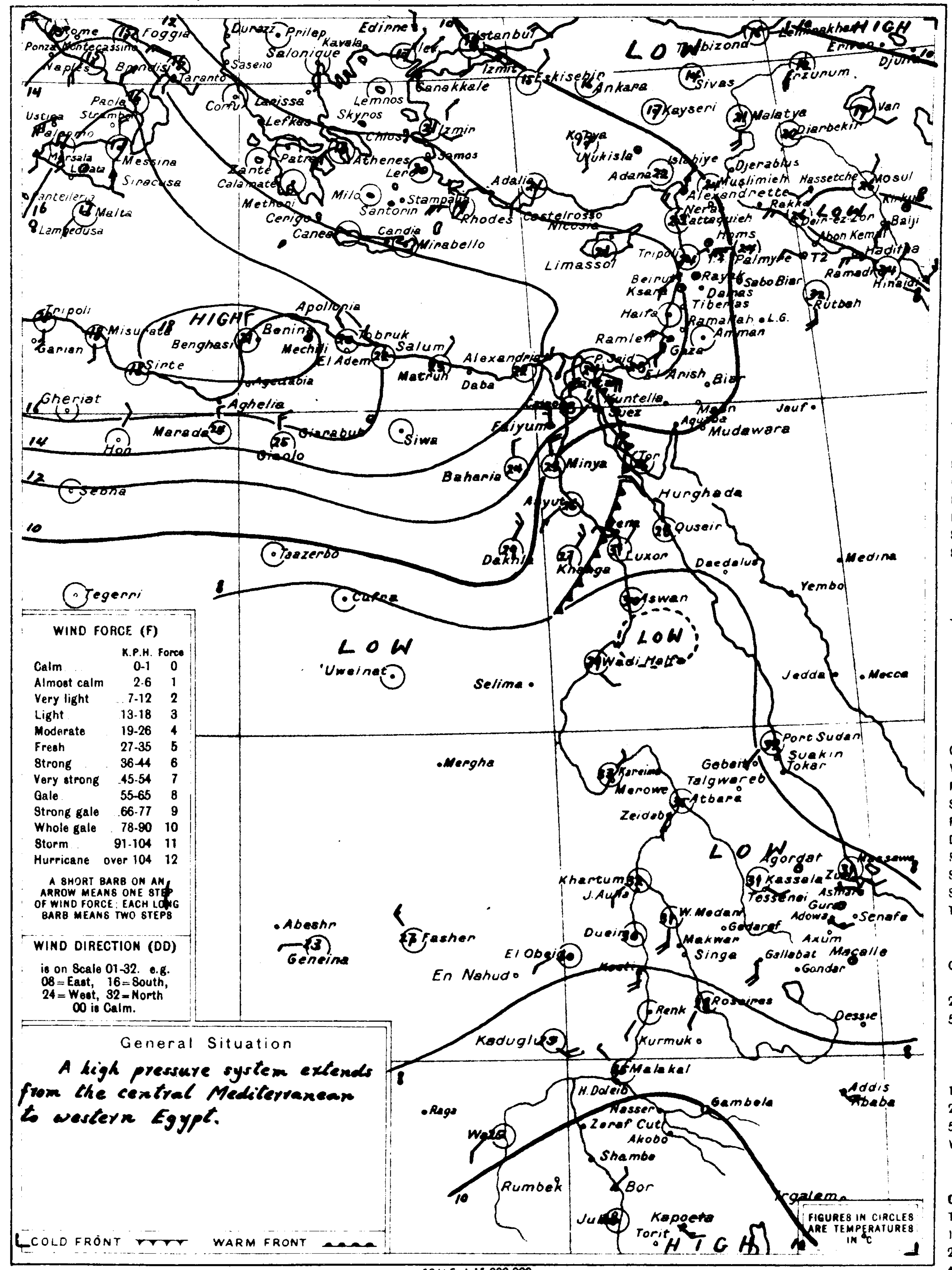
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
13-5	1215	984
12.5	1157	984

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-5	13.35	-0.18	13.36	-0.16
Nâşser	12.5	6.60	+0.54	6.54	+0.52
Malakâl	13.5	10.52	+0.35	10.47	+0.32
Roşeires	13.5	12.12	+0.37	11.88	+0.16
Sennâr Res	12.5	14.21	—	14.74	—
J. Aulia U.S	12.5	372.05	—	372.07	—
J. Aulia D.S	12.5	371.28	+0.40	371.28	+0.40
Khartûm	13.5	10.41	+0.14	10.38	+0.11
Kh. el Girba					
'Atbara	13.5	10.21	+0.20	10.22	+0.27
Kajnarti	12.5	132.77	+0.90	132.77	+0.90
Aswân Res.	13.5	119.48	—	119.53	—
Aswân D.S.	13.5	86.25	+0.53	86.17	+0.46
Rôda (Cairo)	13.5	15.79	+0.31	15.79	+0.31

Printed by the Survey & Mines Dept. 1938 (38-554)

Isobars, Wind and Temperature at 8 h. 13-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

A high pressure system extends from the central Mediterranean to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8h. on 13th ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb TTT	Max Yesterday MM	Diff from norm	Min Today mm	Diff from norm	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	00	0	2	8	—	12.4	+0.3	21	—	—	—	—	—	0	603	448
Haifa	02	—	22	3	—	4	—	12.4	+1.5	24.6	26	-2	19	+3	66	0	552	443
Gaza	02	8	20	1	4	4	Ac	13.3	+1.7	23	—	—	16	+1	65	—	—	374
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise 05 h 02 m
" " Sunset 18 h 41 m

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 13th — الساعة ١٤ يوم ١٣ | At 8 h. on SUNDAY 14th — الساعة ٨ يوم الاحد ١٤

Region	STATION	14h Present Weather	14h Visibility	14h Wind Dir.	14h Wind Force	14h Past Weather	14h Cloud Amount	14h Cloud Form	14h Bar. Press. M.S.L. 1000+ mbs.	14h Temp. °C	14h % Humidity	8h Present Weather	8h Visibility	8h Wind Dir.	8h Wind Force	8h Past Weather	8h Cloud Amount	8h Cloud Form	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
		ww	V	DD	F	W	N	C	PPP	TTT	UU	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU				
MEDITERRANEAN	SALÛM	03	8	02	5	2	6	Cs	16.7	21.0	80	02	8	02	2	0	4	Cu	19.9	+5.3	18.8	26	—	16	—	79	0	81	—	130
	MATRÛH	03	7	30	3	2	6	As	16.8	23.2	84	01	7	30	2	0	3	As	19.0	+5.2	20.9	24	-1	18	+2	81	0	122	159	131
	DIKHEILA	51	8	30	4	5	8	As	16.0	21.1	90	01	8	02	3	0	3	Cs	18.8	—	21.0	22	—	19	—	82	dr	94	—	150
	ALEXANDRIA	03	8	32	4	2	8	As	15.2	21.7	80	00	9	04	3	0	0	—	18.6	+4.8	22.8	23	-3	19	+2	68	0	165	184	132
	DAMIETTA											00	8	04	2	0	0	—	17.6	—	22.2	25	—	19	—	64	0	70	106	159
	PORT SAÎD	03	7	30	5	2	8	Ac	13.3	24.0	76	01	7	02	3	1	3	Ac	17.4	+5.1	22.8	26	0	20	+2	69	0	64	79	134
	EL 'ARÎSH	02	7	30	4	1	5	As	13.0	24.8	76	01	7	32	2	1	3	Cu	17.8	—	23.2	27	—	20	—	73	0	130	92	135
LOWER EGYPT	DAMANHÛR											01	8	02	3	0	2	Ci	18.4	+4.3	24.0	28	-2	17	+3	55	0	29	102	136
	MANŞÛRA											01	8	02	2	1	3	Sc	18.3	—	23.0	28	-4	18	+2	60	0	46	54	137
	TANTA	03	7	32	3	2	8	As	12.6	28.4	39	00	8	32	2	0	0	—	18.2	+4.0	22.8	29	-4	18	+2	57	0	41	41	138
	ZAGÂZÎG	—	8	30	5	—	—	—	14.3	27.9	42	01	8	02	2	1	3	Cs	18.3	—	24.9	28	-4	17	+2	54	0	31	28	139
MIDDLE EGYPT	CAIRO ALMÂZA	03	8	30	4	2	8	As	13.5	28.7	55	03	8	02	3	1	6	Cs	17.1	—	23.3	30	—	19	—	71	0	18	—	141
	CAIRO EZBEKÎYA	03	8	04	4	2	7	As	13.0	29.0	42	02	7	02	1	1	4	Cs	17.0	+4.1	23.2	31	-1	19	+3	70	0	23	26	—
	CAIRO GÎZA	03	7	30	3	2	8	As	13.1	28.4	43	02	6	32	2	2	5	Cs	17.1	+3.5	22.6	29	-3	19	+5	73	0	23	26	—
	HELWÂN	05	7	32	4	2	8	As	12.6	29.7	26	03	7	02	4	2	6	Ci	17.4	+4.3	22.3	30	-2	18	+1	64	0	26	28	143
	SUEZ	03	8	28	4	2	6	As	11.9	31.6	39	02	8	28	4	2	5	As	16.8	+4.1	22.0	33	+1	20	+2	85	0	27	17	144
UPPER EGYPT	FAIYÛM	03	7	02	3	2	8	Sc	12.6	30.0	32	03	7	02	3	1	6	Ac	18.4	+5.3	21.9	30	-4	19	+2	73	0	7	8	153
	MINYA	03	5	02	6	2	8	Cs	9.8	32.0	21	02	5	32	5	2	5	As	14.6	+1.9	23.3	32	-2	21	+5	65	0	4	—	154
	ASYÛT	03	6	28	4	2	7	Cc	9.1	32.2	32	03	7	28	3	1	8	As	13.3	+0.9	26.8	37	+2	23	+5	43	0	2	4	155
	QENA	03	7	24	1	2	6	Sc	6.7	41.2	25	03	7	26	2	2	6	Sc	11.0	-0.2	29.7	42	+4	25	+5	44	0	dr	—	156
	LUXOR	02	8	24	1	2	5	Ci	6.2	42.5	24	02	8	14	2	2	5	Ci	11.1	—	31.5	45	—	22	—	36	0	dr	—	157
	ASWÂN	02	7	00	0	1	4	Ci	5.1	44.0	13	02	7	32	2	1	5	Cu	10.0	-1.0	30.6	46	+7	27	+5	28	0	1		158
WESTERN DESERT	SÎWA	03	7	00	0	2	8	Cu	15.4	31.0	53	01	8	32	1	1	4	Cu	18.0	+4.1	23.8	33	0	19	+4	75	0	7	8	148
	BAHARÎYA	02	9	00	0	1	4	—	13.1	32.0	33	00	9	32	1	0	0	—	16.6	—	25.0	33	—	20	—	61	0	1	—	149
	KHÂRGA	03	7	04	4	2	6	Ci	7.1	39.8	—	00	8	32	3	0	0	—	12.7	+1.2	27.2	40	+2	25	+5	48	0	dr	tr	151
	DÂKHLA	03	4	02	4	2	8	Cs	10.3	36.0	20	03	5	02	2	2	8	Cs	12.7	+0.4	28.8	38	0	25	+7	47	0	dr	—	152
RED SEA	TÔR	03	6	28	3	2	7	Ns	7.8	28.5	70	01	6	28	3	2	4	Sc	11.2	+0.2	25.5	35	+4	23	+4	81	0	20	13	145
	HURGHÂDA	03	9	30	2	2	5	Cc	8.0	31.6	51	03	—	30	4	2	6	As	11.5	+0.3	27.8	32	0	24	+4	46	0	1	—	146
	QUŞEIR	02	6	02	2	1	5	As	7.5	29.1	70	01	7	32	3	1	4	Ac	10.7	-0.6	27.7	32	+1	25	+2	63	0	tr	6	147
	PORT SUDAN											00	—	20	1	0	0	—	8.7	-0.7	33.2	35	0	30	+7	62	0	81	108	169
NORTH SUDAN	WÂDI HALFA											02	7	30	4	3	5	AcCs	8.3	-2.3	30.8	46	+7	26	+6	27	—	—	—	165
	KAREIMA											01	8	32	3	0	2	Ci	7.1	-2.1	35.0	44	+2	26	+2	19	0	1	2	166
	'ATBARA											00	—	14	2	0	0	—	7.5	-0.5	35.0	44	+2	27	+3	24	0	6	5	167
	KHARTÛM											01	8	18	2	1	4	Ac	6.3	-1.7	32.7	43	+1	27	+2	34	0	3	6	168
	KASSALA											00	8	16	3	0	0	—	7.2	-0.6	30.3	41	0	28	+3	41	dr	17	18	170
CENTRAL SUDAN	WAD MEDANI											00	—	22	3	0	0	—	7.1	-0.7	33.4	40	-2	24	0	33	0	26	20	171
	DUEIM											00	—	—	3	0	0	—	7.4	-1.3	32.2	41	0	26	+3	34	0	25	19	173
	RENK																			—			—		—				—	182
	ROSEIRES											00	—	14	1	0	0	—	7.9	-1.0	30.8	39	0	23	0	47	0	69	80	172
	EL OBEID											01	8	20	3	0	3	AcCs	7.1	-2.5	26.7	38	-1	23	+1	69	7	21	27	174
	EL FASHER											02	8	00	0	1	5	ScCs	—	—	27.0	40	+2	24	+4	56	0	5	11	175
	GENEINA											05	6	24	3	1	0	—	—	—	28.8	38	—	24	—	40	0	12	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL											01	8	26	2	0	2	Ci	8.6	-1.7	27.0	35	-1	23	0	71	0	222	156	176
	WÂU											02	—	16	1	6	5	—	7.9	-1.6	24.2	35	0	21	0	86	3	199	298	177
	JÛBA											00	8	20	1	0	0	—	9.0	-2.6	25.8	33	-1	21	0	76	2	483	340	178

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	
h. m.	7 h. m.	h. m.	8 h. m.	8 h. 30 m.	8 h. m.	7 h. m.	3 h. m.	7 h. m.	7 h. m.	5 h. m.	7 h. m.	7 h. m.	h. m.	h. m.
	02.01.15		02.06.35	02.06.25	02.33.25	02.01.15	03.02.35	06.05.45	06.25.30	06.17.20	07.21.25	06.25.10		
	05.05.20		05.06.30	05.05.25	05.02.25	05.03.40	06.04.65	10.07.15	10.23.20	10.13.20	10.20.25	10.16.20		
	10.36.25		10.04.50	08.05.35	10.04.25	10.05.45	10.03.70	15.12.25	15.25.05	15.10.25	15.13.20	15.13.30		
	13.33.35		15.01.35	10.03.50	15.34.30	15.08.25	15.02.40	20.11.20	20.09.15	20.05.20	20.09.20	20.14.30		
			20.02.25	15.02.35	20.32.20	20.09.20	20.02.20	30.09.25	25.08.25	30.01.10	30.05.60	30.10.40		
			25.32.25	20.04.25			25.09.05	34.08.15	30.08.30		36.05.95	40.09.45		
			30.30.20	23.36.25			30.15.15		40.07.35			50.11.20		
				25.33.20			40.14.25		50.07.40			56.09.10		
				30.33.35			43.14.30		60.09.60					
				35.29.35					70.07.25					

Forecast for 24 hours from noon on 14th

Moderate to fresh north to northeast winds.
Some high cloud.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٤
رياح معتدلة الى شديدة نوعا ما بين الشمال والشمال الشرقى
يظهر بعض السحاب العالى
وتبقى درجة الحرارة تقريبا كما هى .

STATION	Mean of day Humidity % on 13th	Diff. from normal	Wet Bulb Temp °C on 13th	Diff. from normal
Alexandria	82	+12	19.3	+2.2
Ezbekiya	62	+9	19.3	+0.5
Giza	63	+11	19.1	+1.1
Helwân	46	+7	17.6	+2.3

Giza Grass minimum on 14th 17.0°C

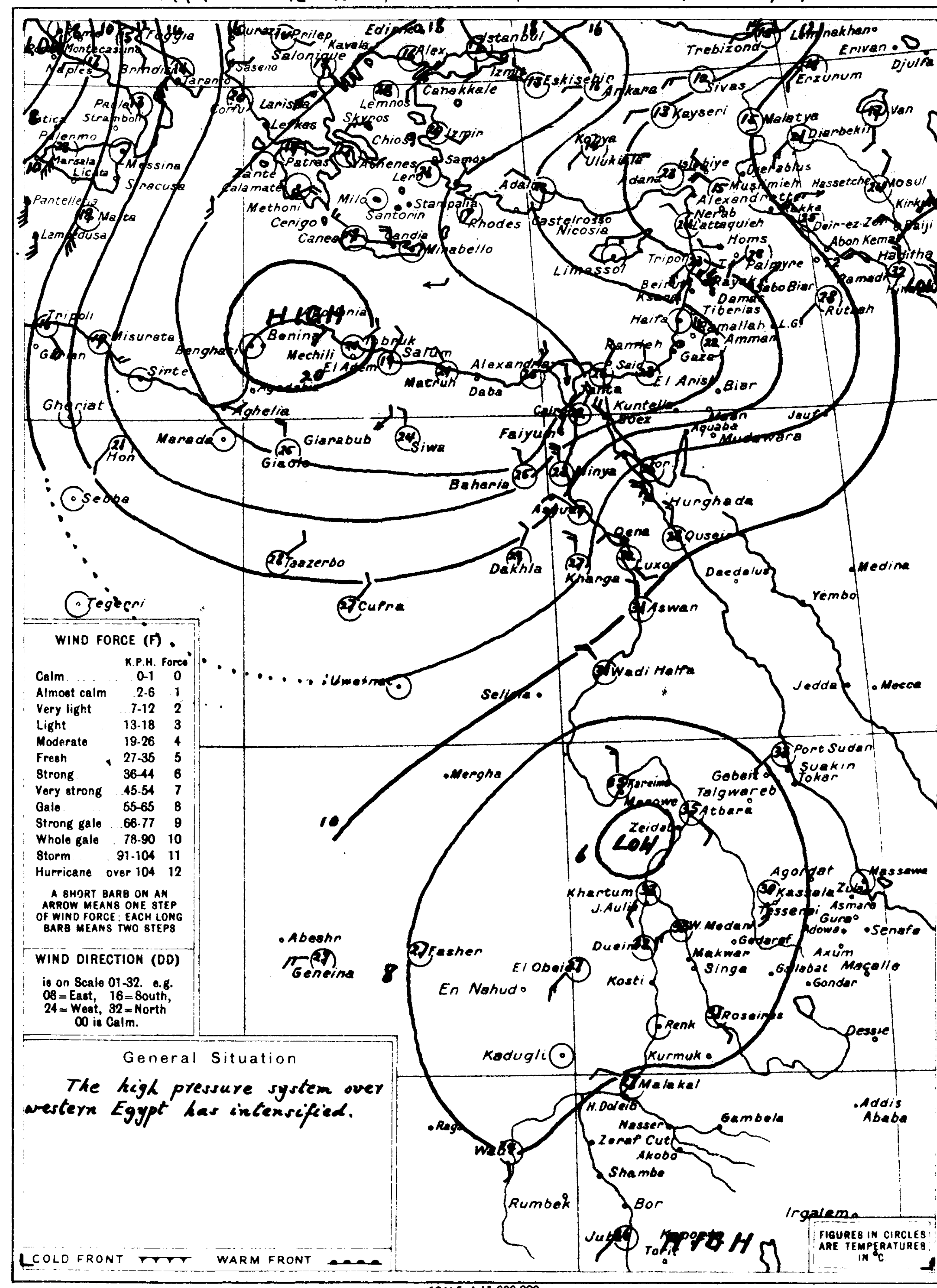
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
14-5	1215	984
13-5	1215	984

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13-5	13.35	-0.19	13.35	-0.18
Nâşser	13-5	6.69	+0.61	6.60	+0.54
Malakâl	14-5	10.56	+0.38	10.52	+0.35
Roşeires	14-5	12.60	+0.80	12.12	+0.37
Sennâr Res	13-5	13.72	—	14.21	—
J. Aulia U.S	13-5	371.88	—	372.05	—
J. Aulia D.S	13-5	371.29	+0.41	371.28	+0.40
Khartum	13-5	10.41	+0.14	10.41	+0.14
Kh. el Girba					
'Atbara	14-5	10.21	+0.20	10.21	+0.20
Kajnarti	13-5	132.77	+0.87	132.77	+0.90
Aswân Res.	14-5	119.33	—	119.48	—
Aswân D.S.	14-5	86.29	+0.56	86.25	+0.53
Rôda (Cairo)	14-5	15.79	+0.31	15.79	+0.31

Printed by the Survey & Mines Dept. 1938 (38 554)

١٩٣٩ - ٥ - ١٤ Isobars, Wind and Temperature at 8 h. 14 - 5 - 1939



General Situation

The high pressure system over western Egypt has intensified.

SCALE 1:15.000.000 Kms. 200 100 0 200 400 600 Kms

At 8 h. on 14th — الساعة ٨ يوم ١٤

STATION	Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU			
Limassol	00	7	00	0	0	0	—	14.2	+1.5	24	—	—	—	—	—	0	603	449
Haifa	00	—	22	1	—	0	—	16.7	+3.9	24.8	29	+1	20	+4	55	0	552	643
Gaza																		374
Siwa 13th	03	7	00	0	2	8	Cu	15.4	+1.4	23.0	37	+4	20	+5	66	0	7	8
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h. m.
" " Sunset h. m.

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٩ - ٥ - ١٥

At 14 h. on 14th — الساعة ١٤ يوم ١٤ ; At 8 h. on MONDAY 15th — الساعة ٨ يوم الاثنين ١٥

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALÛM	03	9	04	2	2	6	Cs	20.0	21.0	57	03	7	12	2	4	6	St	19.1	+4.6	17.0	21		14		90	0	81		130
	MATRÛH	03	7	32	2	2	6	As	19.4	22.6	77	01	7	04	1	1	4	Cu	18.3	+4.5	20.7	23	-2	13	-3	73	0	122	159	131
	DIKHEILA	01	8	32	2	1	3	Cs	19.4	21.7	85	01	8	02	3	0	1	Ac	18.6	—	20.0	22		19		83	0	94	—	150
	ALEXANDRIA	01	9	04	3	0	3	Ac	19.0	24.6	63	00	9	04	2	0	0	—	18.3	+4.5	22.0	25	-1	18	+1	65	0	165	184	132
	DAMIETTA											01	8	04	2	0	1	Cc	17.0	—	21.0	25	—	18		82	0	70	106	159
	PORT SAÎD	00	7	30	4	1	0	—	17.0	25.6	55	00	7	04	3	1	0	—	16.7	+4.4	21.2	26	0	19	+1	73	0	64	79	134
	EL ARÎSH	01	7	02	4	1	2	Cu	17.2	24.2	71	01	7	00	0	1	3	Cu	14.4	—	23.0	25	—	—	—	73	0	130	92	135
LOWER EGYPT	DAMANHÛR											00	8	04	3	0	0	—	17.8	+3.8	23.3	29	-1	15	+1	56	0	29	102	136
	MANSÛRA											00	8	02	2	0	0	—	17.5	—	21.9	30	-2	15	-1	64	0	46	54	137
	TANTA	00	7	32	2	0	0	—	17.2	30.0	23	00	8	02	1	0	0	—	17.8	+3.6	21.3	30	-3	13	-3	64	0	41	41	138
	ZAGÂZIG	01	8	30	2	1	3	Cs	16.7	30.3	25	01	8	04	2	1	3	Cs	17.5	—	22.8	30	-2	12	-3	60	0	31	28	139
MIDDLE EGYPT	CAIRO ALMÂZA	02	8	32	5	1	4	Ci	16.2	30.9	53	01	7	02	4	1	2	Sc	17.5	—	20.9	31		15		74	0	18	—	141
	CAIRO EZBEKIYA	01	9	02	3	1	3	Ci	15.5	31.8	29	01	6	02	3	1	1	Cu	16.8	+4.0	21.0	32	0	15	-1	67	0	23	26	—
	CAIRO GÎZA	02	8	02	2	2	4	Cs	15.4	31.4	28	01	6	04	1	1	1	Cu	17.0	+3.5	19.7	32	0	13	-1	74	0	23	26	—
	HELWÂN	02	8	32	5	2	4	Ci	15.0	31.9	19	00	7	02	6	0	0	—	16.8	+3.7	19.9	32	0	15	-2	57	0	26	28	143
	SUEZ	02	9	30	4	1	4	As	14.6	30.4	43	01	8	30	4	0	1	Cu	16.2	+3.5	20.7	31	-1	15	-3	74	0	27	17	144
UPPER EGYPT	FAIYÛM	03	7	32	4	1	7	Ac	14.8	31.0	29	00	7	32	6	0	0	—	16.0	+2.9	20.2	32	-2	15	-2	62	0	7	8	153
	MINYA	02	6	32	6	1	4	As	12.6	33.1	27	00	5	02	5	0	0	—	14.3	+1.7	19.8	34	0	16	0	58	0	4	—	154
	ASYÛT	03	7	30	3	2	7	Sc	10.8	35.8	23	00	7	22	3	0	0	—	13.5	+1.1	21.0	37	+2	17	-2	53	0	2	4	155
	QENA	03	8	32	1	2	8	Sc	9.1	35.7	32	03	7	26	2	2	8	Cs	10.3	-0.9	29.7	39	+1	25	+5	39	0	dr	—	156
	LUXOR	03	8	02	2	2	8	Cs	9.0	39.5	26	02	8	14	1	1	5	Cs	10.6	—	32.8	40		22		31	0	dr	—	157
	ASWÂN	02	7	32	2	1	5	Cu	6.2	42.0	9	03	7	00	0	1	6	Ac	9.3	-1.7	31.1	43	+3	27	+5	36	0	1	—	158
WESTERN DESERT	SÎWA	02	8	00	0	1	4	Cu	17.4	32.6	52	02	8	00	0	1	5	Cu	18.2	+4.3	22.6	34	+1	14	-2	77	0	7	8	148
	BAHARIYA	00	9	00	0	0	0	—	15.8	31.0	37	00	9	32	1	0	0	—	17.4	—	19.0	32		14		72	0	1	—	149
	KHARGA	03	6	28	4	2	8	Ci	9.9	36.2	33	00	8	32	1	0	0	—	12.2	+0.8	27.6	36	-2	23	+3	43	0	dr	Tr	151
	DÂKHLA	03	5	30	4	2	8	Cs	13.3	34.0	40	00	6	30	4	0	0	—	14.2	+2.0	25.9	35	-3	22	+4	49	0	dr	—	152
RED SEA	TÔR	03	5	28	5	2	7	Ns	10.0	27.1	77	00	5	28	6	0	0	—	10.4	-0.5	23.0	28	-3	22	+3	83	0	20	13	145
	HURGHÂDA	01	9	02	4	2	2	As	11.5	28.0	44	00	9	30	5	0	0	—	10.7	-0.4	25.6	31	-1	19	-1	38	0	1	—	146
	QUSEIR	02	7	32	3	1	5	Ac	11.2	29.4	64	02	7	32	3	1	5	As	10.7	-0.5	27.2	31	0	24	+1	54	0	Tr	6	147
	PORT SUDAN											00	—	04	1	2	0	—	10.7	+1.3	32.5	35	0	29	+6	59	0	81	108	169
NORTH SUDAN	WÂDI HALFA											02	8	32	4	1	5	Ac	8.7	-1.9	31.1	44	+5	26	+6	32	—	—	—	165
	KAREIMA											01	8	30	2	0	3	Ac	6.9	-2.2	34.0	45	+3	25	+1	18	0	1	2	166
	'ATBARA											00	—	12	2	0	0	—	7.4	-0.6	33.8	44	+2	27	+3	22	0	6	5	167
	KHARTÛM											05	7	12	3	0	0	—	5.4	-2.6	35.6	44	+2	27	+2	13	0	3	6	168
	KASSALA											00	8	14	3	0	0	—	4.7	-3.1	35.4	42	+1	28	+3	24	0	17	17	170
CENTRAL SUDAN	WAD MEDANI											00	—	00	0	0	0	—	5.3	-2.5	35.6	42	0	23	-1	22	dr	26	20	171
	DUEIM											00	—	—	3	0	0	—	5.1	-3.6	36.2	42	+1	27	+4	31	0	25	19	173
	RENK																												—	182
	ROSEIRES											00	—	14	1	0	0	—	6.2	-2.8	33.0	41	+2	24	-1	38	0	69	81	172
	EL OBEID											01	8	16	1	0	1	Ac	5.2	-4.4	30.0	40	+1	25	+3	59	dr	21	27	174
	EL FÂSHER											02	9	22	3	1	5	Sc,Ac	—	—	26.5	39	+1	23	+3	56	0	5	12	175
	GENEINA											01	8	24	1	1	4	Ac	—	—	25.0	35	—	22	—	76	25	37	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL																												159	176
	WÂU											01	—	16	2	0	4	—	6.9	-2.7	27.5	36	+1	23	+2	71	0	199	303	177
	JÛBA											01	8	20	1	0	2	Ac	9.2	-2.5	28.0	36	+2	23	+2	70	0	483	344	178

UPPER WINDS 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. 30 m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 5 h. m.	KHARTÛM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL h. m.	JÛBA h. m.	h. m.
	02.04.15		02.05.25	02.04.65	02.31.25	02.02.15	03.03.35	06.08.15	06.11.35	06.10.25	07.27.15			
	05.04.15		05.05.30	05.04.60	05.32.15	05.01.40	06.05.50	10.11.60	10.11.45	10.10.35	10.30.15			
	10.04.20		10.04.40	08.06.40	10.32.15	10.04.20	10.05.55	15.11.45	15.12.45	15.11.35	15.09.00			
			15.05.35	10.05.40	15.28.30	15.02.20	15.07.30	20.09.35	20.11.40	20.09.30	20.06.10			
			Tail	15.04.30	20.29.30	20.36.15	20.28.25	30.04.30	30.08.35	30.03.25	26.07.30			
				20.05.50			22.07.20	40.03.05	40.07.20	40.36.45				
				23.05.25				50.00.00	48.07.15	50.21.30				
				25.05.25				53.06.05						
				27.05.40										

Forecast for 24 hours from noon on 15th

On the coast moderate northeast winds veering to east or southeast later. Inland moderate to fresh northeast winds. Clear or occasional high cloud. Temperature remaining slightly below normal. Further outlook: becoming gradually warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٥
تهب على الساحل رياح معتدلة شمالية شرقية تتحول الى شرقية
او جنوبية شرقية فيما بعد وتهب في الداخل رياح
مابين المعتدلة والشديدة من الشمال الشرقي
السماء صحو او تظهر بعض السحب المرتفع وتظل درجة
الحرارة دون المعدل بقليل وتأخذ في الزيادة بالتدريج فيما بعد

STATION	Mean of day: Humidity % on 14th	Humidity Diff. from normal	Wet bulb temp °C on 14th	Wet bulb Diff. from normal
Alexandria	71	+1	18.9	+1.7
Ezbekiya	52	-1	18.2	-0.7
Giza	55	+3	18.0	-0.1
Helwân	41	+2	16.6	+1.2

Gîza Grass minimum on 15th 11.8°C

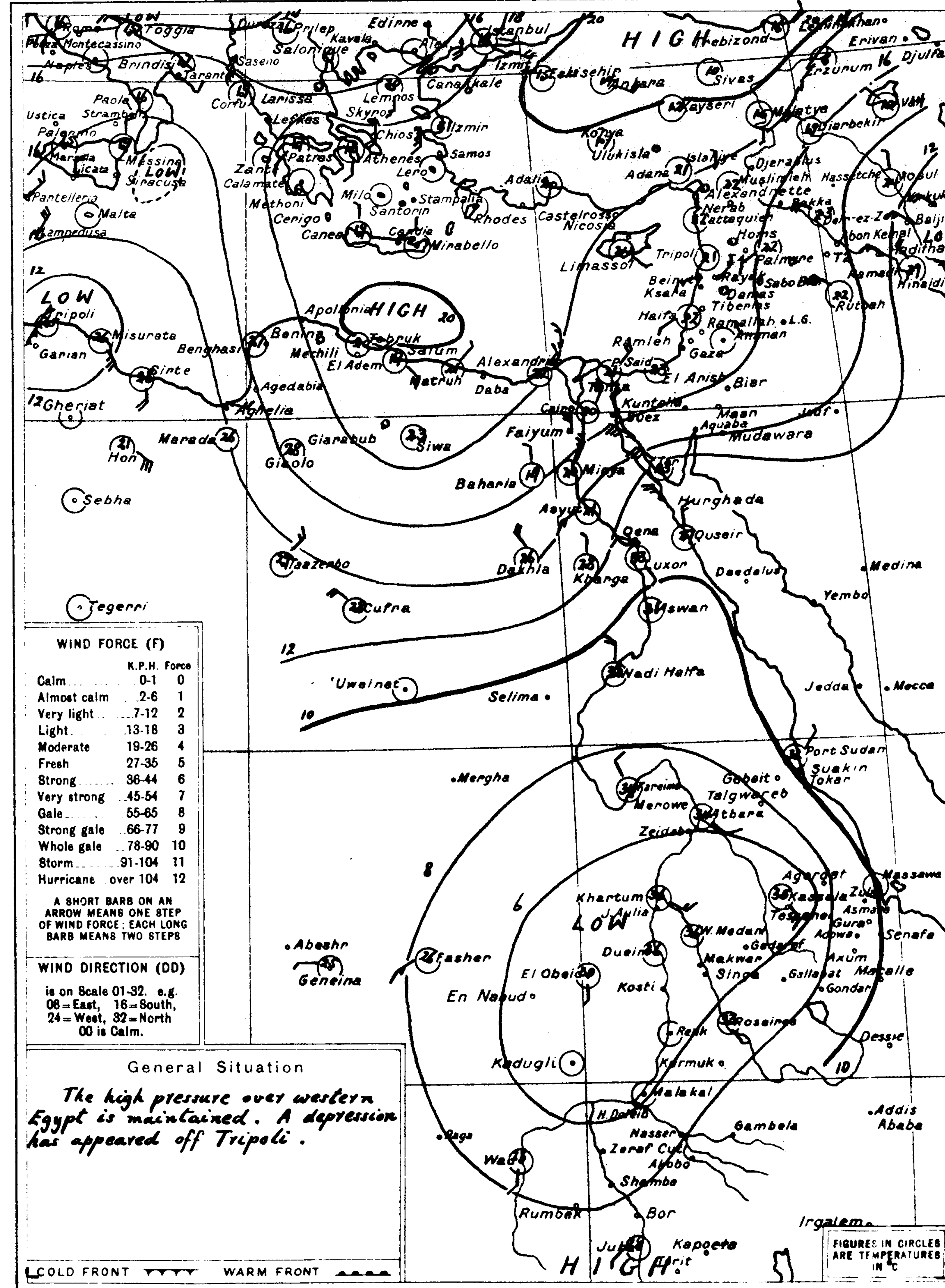
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
15-5	1261	1019
14-5	1215	984

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-5	13.34	-0.20	13.35	-0.19
Nâsser	14-5	6.79	+0.67	6.69	+0.61
Malakâl	15-5	10.60	+0.42	10.56	+0.38
Roseires	14-5	12.60	+0.80	12.12	+0.37
Sennâr Res	14-5	13.33	—	13.72	—
J. Aulia U.S	14-5	371.76	—	371.88	—
J. Aulia D.S	14-5	371.26	+0.38	371.29	+0.41
Khartûm	13-5	10.41	+0.14	10.41	+0.14
Kh. el Girba					
'Atbara	14-5	10.21	+0.20	10.21	+0.20
Kajnarti	14-5	132.78	+0.89	132.77	+0.89
Aswân Res.	15-5	119.26	—	119.33	—
Aswân D.S.	15-5	86.34	+0.59	86.29	+0.56
Roda (Cairo)	15-5	15.79	+0.31	15.79	+0.31

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 15-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

The high pressure over western Egypt is maintained. A depression has appeared off Tripoli.

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 15th — الساعة ٨ يوم ١٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	6	10	1	1	6	—	16.3	+3.6	24	—	—	—	—	—	0	603	449
Haifa	01	—	22	1	—	3	—	17.0	+6.2	22.5	26	-2	17	+1	59	0	552	643
Gaza																		374

SHIPS سفن: 23320 30406 31301 18868 30083 41700 66009

Remarks

* Juba River Gauge reading for 25-4-39 published on 26 & 27-4-39 should read 13.48 m. instead of 13.42 m.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRI[illegible]

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
[illegible]	

CAIRO
Time of Sunrise 05 08
" " Sunset 18 42

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 15th — الساعة ١٤ يوم ١٥ | At 8 h. on TUESDAY 16th — الساعة ٨ يوم الثلاثاء ١٦

Station	14h Present Weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past Weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. Press. M.S.L. 1000+ mbs. (PPP)	14h °C Temp. (TTT)	14h % Humidity (UU)	8h Present Weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past Weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	03	9	04	2	2	6	Cs	17.1	22.0	64	02	8	14	1	1	5	Ci	14.2	-0.2	19.8	24		14		57	0	81		130
MATRUH	02	7	02	2	2	5	As	17.2	21.6	82	01	7	30	1	0	2	As	13.9	+0.1	19.8	22	-3	14	-2	89	0	122	159	131
DIKHEILA	02	8	02	4	1	4	Ci	16.7	21.2	84	01	8	02	2	1	3	Cs	13.8	—	20.7	22		19		89	0	94		150
ALEXANDRIA	02	9	04	4	2	4	Ac	15.9	23.0	66	02	9	04	2	2	4	Ac	13.4	-0.4	21.6	25	-1	18	+1	84	0	165	184	132
DAMIETTA											00	8	02	3	0	0	—	11.8	—	23.0	24		19		74	0	70	106	159
PORT SAÏD	00	7	30	5	0	0	—	14.8	24.6	65	00	7	04	5	0	0	—	11.5	-0.8	23.0	26	0	20	+2	70	0	64	79	134
EL 'ARÎSH	01	7	32	3	1	3	Cu	14.4	23.3	78	01	7	30	3	1	3	Cu	10.8	—	23.0	24		20		84	0	130	92	135
LOWER EGYPT																													
DAMANHÛR											01	7	32	2	1	2	Ci	12.8	-1.2	24.0	29	-1	15	+1	65	0	29	102	136
MANṢÛRA											00	8	02	1	0	0	—	11.9	—	23.7	30	-2	16	0	59	0	46	54	137
TANTA	00	7	32	1	0	0	—	14.8	29.4	31	00	8	02	1	0	0	—	12.6	-1.5	22.3	30	-3	12	-4	63	0	41	41	138
ZAGÂZIG	01	8	04	5	1	2	Cs	14.3	29.9	28	00	7	30	2	0	0	—	12.3	—	23.9	30	-2	14	-1	63	0	31	28	139
MIDDLE EGYPT																													
CAIRO: ALMÂZA	01	8	04	3	1	2	Ci	13.4	30.7	16	01	8	32	3	1	1	Cs	12.4	—	20.7	31		16			0	18		141
CAIRO: EZBEKÎYA	01	9	02	3	0	2	Ci	13.0	30.7	28	01	6	02	3	0	1	Cu	11.8	-1.0	21.7	32	0	16	-1	72	0	23	26	—
CAIRO: GÎZA	01	9	02	1	1	1	Ci	13.0	30.3	31	01	7	02	2	1	3	Sc	11.9	-1.6	20.8	30	-2	16	+1	80	0	23	26	—
HELWÂN	01	8	32	5	0	2	Ci	12.2	30.6	14	05	6	32	5	0	2	Ci	10.8	-2.3	22.9	32	0	17	0	51	0	26	28	143
SUEZ	00	8	32	5	0	0	—	12.3	29.1	40	01	7	30	3	1	2	Ac	10.6	-2.1	22.2	30	-2	17	-1	77	0	27	17	144
UPPER EGYPT																													
FAIYÛM	00	7	32	4	0	0	—	12.2	30.6	25	00	7	32	5	0	0	—	11.0	-2.1	21.7	33	-1	17	0	66	0	7	8	153
MINYA	00	7	32	4	0	0	—	10.8	32.2	21	00	6	30	4	0	0	—	9.9	-2.6	21.4	33	-1	17	+1	69	0	4	—	154
ASYÛT	00	7	26	3	0	0	—	9.6	34.0	22	00	6	20	3	0	0	—	10.0	-2.3	21.0	36	+1	16	-3	65	0	2	4	155
QENA	00	7	22	4	1	0	—	7.9	37.7	22	00	7	22	5	0	0	—	8.2	-2.9	25.8	39	0	22	+2	41	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	7.8	37.3	18	00	8	12	1	0	0	—	8.0	—	29.5	39		18		29	0	dr	—	157
ASWÂN	01	7	26	2	1	3	Cu	6.3	40.9	10	00	7	32	2	0	0	—	7.4	-3.5	28.3	42	+2	25	+3	16	0	1	—	158
WESTERN DESERT																													
SÎWA	02	8	00	0	2	5	Sc	14.4	32.4	64	00	8	00	0	0	0	—	14.8	+1.0	22.6	34	+1	12	-4	69	0	7	8	148
BAHARÎYA	00	9	32	1	0	0	—	13.4	32.0	14	00	9	32	2	0	0	—	13.0		18.1	33		14		70	0	1		149
KHÂRGA	00	8	04	3	0	0	—	9.6	36.0	35	00	8	32	1	0	0	—	9.9	-1.5	25.2	36	-2	20	0	46	0	dr	tr	151
DÂKHLA	01	8	30	3	1	1	Ci	11.8	33.0	37	01	6	28	2	1	1	Ci	11.5	-0.7	24.6	35	-3	19	+1	57	0	dr	—	152
RED SEA																													
TÔR	00	5	28	5	0	0	—	8.0	26.1	77	00	5	28	3	0	0	—	7.2	-3.6	24.0	28	-3	21	+1	83	0	20	13	145
HURGHÂDA	00	9	02	3	0	0	—	8.7	29.2	45	00	9	30	3	0	0	—	8.0	-3.1	25.8	30	-2	23	+3	40	0	1	—	146
QUṢEIR	01	7	02	3	1	4	Ac	9.8	28.3	52	00	7	32	2	0	0	—	8.3	-2.9	26.9	30	-1	22	-1	63	0	tr	6	147
PORT SUDAN											00	—	16	2	0	0	—	7.4	-1.9	31.5	35	0	28	+4	73	0	81	108	169
NORTH SUDAN																													
WÂDI HALFA											01	8	02	3	0	3	Ac As	7.5	-3.0	30.0	44	+5	25	+4	30	—	—	—	165
KAREIMA											01	8	32	2	0	1	Ac	5.9	-3.2	33.6	45	+3	27	+3	22	0	1	2	166
'ATBARA											00	—	10	2	0	0	—	—	—	34.8	44	+2	24	0	16	0	6	5	167
KHARTÛM											01	8	22	1	0	2	Ci	5.0	-3.0	31.6	45	+3	24	-1	43	0	3	6	168
KASSALA											00	7	14	4	0	0	—	4.6	-3.3	32.3	43	+2	29	+4	33	0	17	19	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	22	5	0	0	—	5.0	-2.8	33.2	44	+2	24	0	30	0	26	21	171
DUEIM											00	—	—	3	0	0	—	5.9	-2.9	31.4	44	+3	25	+2	43	0	25	19	173
RENK																												—	182
ROSEIRES											00	—	12	1	0	0	—	6.7	-2.4	30.0	41	+2	23	0	48	0	69	83	172
EL OBEID											00	8	22	3	0	0	—	6.5	-3.1	26.8	41	+2	22	0	63	1	22	28	174
EL FÂSHER											03	8	30	3	1	6	As, Cu	—	—	25.7	40	+2	23	+3	62	dr	5	12	175
GENEINA											03	8	24	4	2	8	As	—	—	22.0	40	—	21	—	82	5	42	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	24	2	2	7	Ac, As	8.7	-1.7	25.4	35	-1	23	0	83	0	230	162	176
WÂU											02	—	28	2	6	5	—	8.7	-0.9	24.0	34	-1	21	0	83	16	215	307	177
JÛBA											01	8	30	3	0	4	Ac	9.4	-2.3	26.0	35	+1	22	+1	76	0	483	347	178

UPPER WINDS — الرياح العليا يوم 16th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	El Fasher
h. m.	7 h. m.	h. m.	8 h. m.	8 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	5 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
	02.04.05		02.03.50	02.03.30	02.30.35	02.34.15	03.01.25	06.10.30	06.23.20	06.13.20	07.25.25	06.26.25		09.03.20
	05.06.05		05.04.25	05.04.40	05.35.15	05.36.30	06.03.30	10.11.45	10.13.20	10.13.35	10.26.40	10.22.30		10.04.45
	10.06.15		10.04.40	08.05.55	10.32.25	10.17.05	10.01.45	15.10.30	15.15.35	15.13.25	15.30.15	15.21.30		15.04.40
	15.04.30		15.08.20	10.05.55	15.31.05	15.29.10	15.36.20	20.07.35	20.08.25	20.11.15	20.07.15	20.18.20		20.14.15
	19.04.20		20.07.25	15.07.35	20.31.00		20.08.10	30.06.25	25.07.25	30.06.10	30.10.15	30.06.15		30.15.35
				20.05.10			30.22.05	33.05.15	30.05.25		34.10.10	40.05.55		38.14.55
				23.04.10			40.27.25		40.03.35			50.08.15		
				25.07.25			50.24.35		50.02.30			51.10.20		
				30.08.20			53.25.35		60.08.15					
									70.03.20					

Forecast for 24 hours from noon on 16th

Moderate northeasterly winds, fresh at times.
Occasional high cloud.
Becoming warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٦

رياح شمالية شرقية معتدلة تشتد فى بعض الأوقات

يظهر السحاب العالى أحيانا

وتزداد حرارة الجو

Station	Mean of day: Humidity % 15th	Diff. from normal	Wet Bulb Temp °C 16th	Diff. from normal
Alexandria	70	0	18.2	+0.9
Ezbekiya	52	-1	17.5	-1.6
Giza	58	+6	17.6	-0.6
Helwân	42	+3	15.3	-0.2

Giza Grass minimum on 16th 13.9 °C

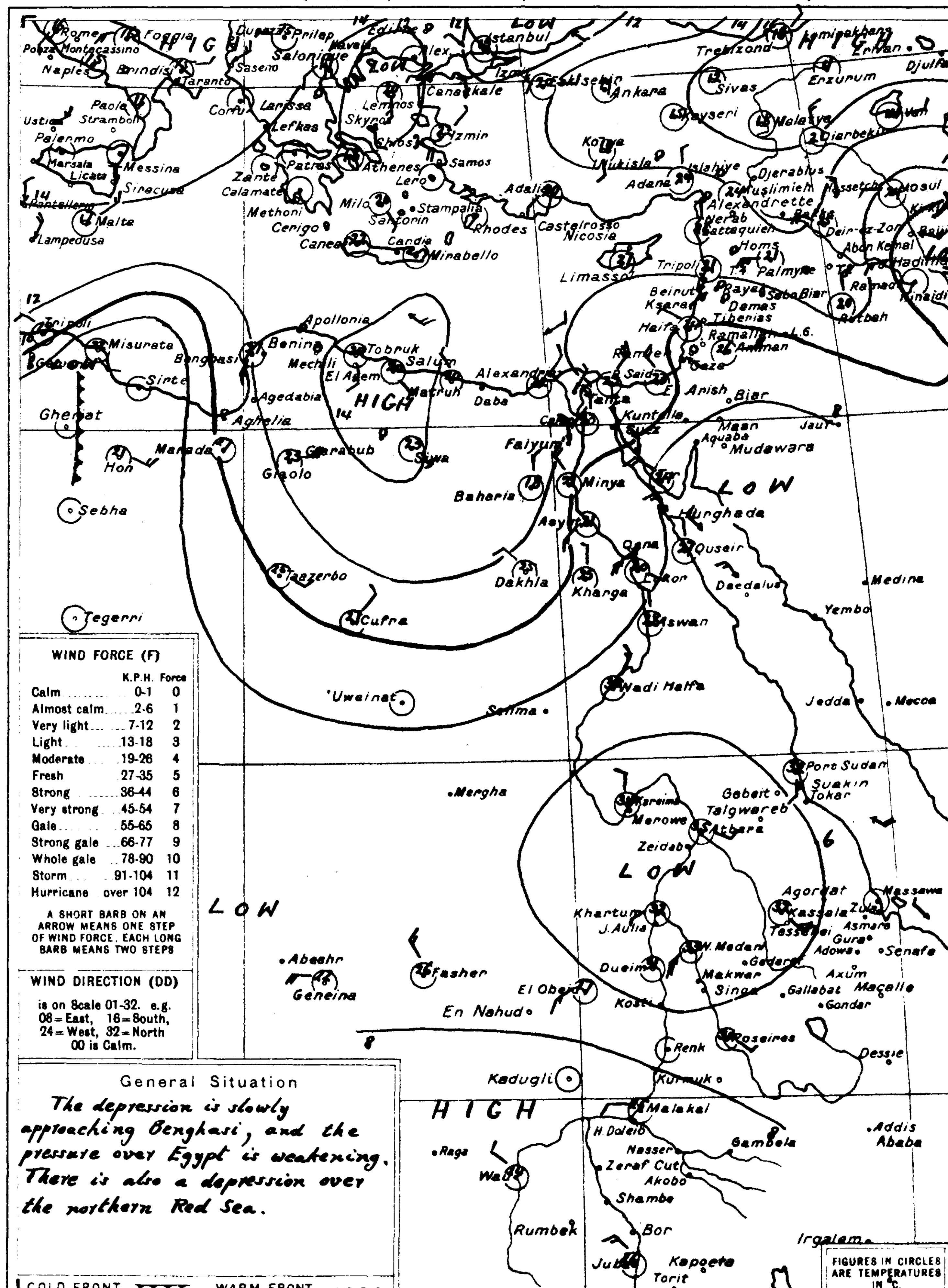
Discharges at Aswân measured by sluices m.³ per sec.

Date	1939	1938
16.5	1261	1076
15.5	1261	1019

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15-5	13.34	-0.20	13.34	-0.20
Nâsser	15-5	6.87	+0.70	6.79	+0.67
Malakâl	16-5	10.62	+0.43	10.60	+0.42
Roseires	16-5	12.52	+0.66	12.52	+0.69
Sennâr Res	15-5	12.90	—	13.33	—
J. Aulia U.S	15-5	371.70	—	371.76	—
J. Aulia D.S	15-5	371.20	+0.31	371.26	+0.38
Khartûm	15-5	10.32	+0.08	10.38	+0.12
Kh. el Girba					
'Atbara	16-5	10.22	+0.20	10.22	+0.21
Kajnarti	15-5	132.77	+0.87	132.78	+0.89
Aswân Res.	16-5	119.22	—	119.26	—
Aswân D.S.	16-5	86.37	+0.61	86.34	+0.59
Rôda (Cairo)	16-5	15.77	+0.29	15.79	+0.31

Printed by the Survey & Mines Dept 1938 (38 554)

١٩٣٩ - ٥ - ١٦ Isobars, Wind and Temperature at 8 h. 16-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

The depression is slowly approaching Benghasi, and the pressure over Egypt is weakening. There is also a depression over the northern Red Sea.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

SCALE 1:15.000.000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 16th — الساعة ٨ يوم ١٦

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.
Limassol	00	7	00	0	0	0	—	12.4	-0.2	27	—	—	—	—	—	0	603	449
Haifa	01	—	26	1	—	3	—	11.8	+1.1	23.9	24	-4	17	0	62	0	552	643
Gaza	00	9	12	1	0	0	—	11.6	+0.1	22	—	—	13	-2	65	—	—	374

SHIPS سفن: 33333 25606 11301 15967 30054 50000 36303

Remarks

Juba river gauge reading for 27-2-39 published on 27 & 28-2-39 should read 13.34 instead of 13.32 m.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h. 00 m.
" " Sunset 18 h. 42 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1939 ١٩٣٩ شهر مايو

Region	Station	14h on 16th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on Wednesday 17th ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm.	Min. Today °C mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
Mediterranean	SALÛM	02	9	04	3	1	4	Ac	12.2	24.6	45	02	8	18	2	1	4	Cs	10.7	-3.6	26.4	28	—	18	—	13	0	81	—	130
	MATRÛH	01	7	04	2	0	2	As	12.3	22.3	83	00	7	16	1	0	0	—	10.8	-3.0	24.2	23	-2	14	-2	52	0	122	159	131
	DIKHEILA	01	8	32	3	1	3	Cs	12.6	21.8	88	01	8	30	2	0	1	Cs	11.4	—	21.3	22	—	19	—	85	0	94	—	150
	ALEXANDRIA	01	9	04	3	2	3	Ac	11.6	24.3	76	00	9	04	1	0	0	—	10.4	-3.4	22.2	25	-1	19	+1	76	0	165	184	132
	DAMIETTA											00	8	28	3	0	0	—	8.8	—	23.2	25	—	20	—	72	0	70	106	159
	PORT SAÏD	01	7	30	5	1	3	Ci	10.3	26.0	66	00	7	30	4	0	0	—	8.7	-3.5	23.5	26	0	21	+3	75	0	64	79	134
	EL 'ARÎSH	00	7	30	3	1	0	—	8.4	25.2	74	00	7	20	2	0	0	—	7.8	—	24.8	25	—	18	—	71	0	130	92	135
Lower Egypt	DAMANHÛR											00	8	04	3	0	0	—	10.2	-3.8	24.3	30	-1	15	0	52	0	29	102	136
	MANSÛRA											00	8	02	2	0	0	—	9.4	—	23.8	31	-1	16	0	53	0	46	54	137
	TANTA	01	8	32	2	0	3	Ci	10.2	30.3	23	00	8	32	1	0	0	—	10.0	-4.1	23.7	30	-3	14	-2	55	0	41	42	138
	ZAGÂZIG	00	8	30	2	0	0	—	9.1	31.3	30	00	7	30	2	0	0	—	9.8	—	25.4	31	-1	13	-2	51	0	31	28	139
Middle Egypt	CAIRO ALMÂZA	01	8	32	4	1	3	Ci	9.6	31.5	30	05	7	32	1	0	0	—	11.2	—	21.6	32	—	16	—	60	0	18	—	141
	CAIRO EZBEKIYA	01	9	02	3	1	3	Ci	8.8	32.6	24	00	6	32	1	0	0	—	9.8	-3.0	22.0	33	+1	17	0	61	0	23	26	—
	CAIRO GÎZA	01	9	30	2	1	3	Cs	7.9	31.8	24	00	8	32	2	0	0	—	9.9	-3.6	20.3	32	-1	14	-1	69	0	23	27	—
	HELWÂN	05	6	32	5	1	4	Ci	7.6	31.7	19	00	7	32	2	0	0	—	9.8	-3.3	22.1	33	+1	16	-1	50	0	26	29	143
	SUEZ	01	9	30	3	0	3	Ac	7.5	32.4	38	00	7	30	2	0	0	—	8.8	-3.9	23.4	34	+2	17	-1	64	0	27	18	144
Upper Egypt	FAIYÛM	01	7	02	3	0	3	Ci	7.6	33.0	25	00	8	32	4	0	0	—	9.3	-3.8	22.7	34	0	17	0	51	0	7	8	153
	MINYA	02	8	30	3	1	4	Cc	7.4	32.0	28	00	5	30	5	0	0	—	8.4	-4.1	22.3	35	+1	17	+1	56	0	4	—	154
	ASYÛT	00	7	20	2	0	0	—	7.0	33.5	30	00	7	28	3	0	0	—	8.3	-4.0	22.8	36	+1	18	-1	53	0	2	4	155
	QENA	00	8	20	3	0	0	—	6.4	36.6	24	00	7	22	4	0	0	—	7.9	-3.1	28.0	38	-1	22	+2	42	0	tr	—	156
	LUXOR	00	8	24	1	0	0	—	6.0	37.5	13	00	8	10	1	0	0	—	6.8	—	30.5	40	—	19	—	30	0	tr	—	157
	ASWÂN	00	7	00	0	0	0	—	3.8	40.6	13	00	7	00	0	0	0	—	6.8	-4.1	28.4	42	+2	23	+1	24	0	1	—	158
Western Desert	SÎWA	00	8	06	1	1	0	—	13.1	31.9	38	00	8	00	0	0	0	—	11.8	-2.0	22.4	34	+1	14	-2	60	0	7	8	148
	BAHARÎYA	00	9	32	2	0	0	—	9.0	33.0	21	00	9	32	1	0	0	—	10.8	—	21.8	33	—	15	—	47	0	1	—	149
	KHÂRGA	00	8	32	2	0	0	—	7.8	34.8	29	00	8	32	1	0	0	—	7.9	-3.4	26.4	36	-2	22	+1	43	0	tr	tr	151
	DÂKHLA	01	8	30	4	1	1	Ci	9.4	33.3	43	00	6	32	1	0	0	—	10.4	-1.8	26.0	34	-4	19	+1	37	0	tr	—	152
Red Sea	TÔR	01	6	28	2	0	1	Ci	5.9	27.1	74	00	6	28	4	0	0	—	5.8	-5.0	24.0	28	-3	20	0	83	0	20	13	145
	HURGHÂDA	00	9	04	2	0	0	—	6.7	30.0	47	01	9	30	3	0	3	Ci	7.2	-3.8	25.6	33	0	22	+2	57	0	1	—	146
	QUSEIR	00	7	02	2	0	0	—	7.4	27.4	74	00	7	32	2	0	0	—	7.2	-3.9	27.4	29	-2	22	-1	66	0	tr	6	147
	PORT SUDAN											00	—	16	1	0	0	—	7.4	-1.8	31.7	35	0	29	+5	73	0	81	109	169
North Sudan	WÂDI HALFA											02	8	28	3	1	5	Cs, Ac	7.5	-3.0	27.4	42	+3	24	+3	31	—	—	—	165
	KAREIMA											01	8	02	2	0	1	Ci	5.9	-3.1	34.1	45	+3	28	+4	18	0	1	3	166
	'ATBARA											00	—	04	2	0	0	—	5.3	-2.6	33.0	43	+1	25	+1	27	0	6	6	167
	KHARTUM											00	7	12	2	0	0	—	3.6	-4.4	32.7	45	+3	25	0	14	0	3	7	168
	KASSALA											00	8	10	3	0	0	—	4.0	-3.9	34.0	41	0	30	+5	31	0	17	19	170
Central Sudan	WAD MEDANI											00	—	20	5	0	0	—	4.0	-3.8	34.5	43	+1	26	+2	31	0	26	21	171
	DUEIM											00	—	—	4	0	0	—	5.5	-3.3	33.7	42	+1	26	+3	40	0	25	19	173
	RENK																			—			—		—				—	182
	ROSEIRES											00	—	20	1	0	0	—	7.9	-1.3	29.5	40	+2	25	+2	49	0	69	85	172
	EL OBEID											18	7	20	4	0	5	Ac, Cs	5.3	-4.3	31.4	39	0	26	+4	53	0	22	28	174
	EL FÂSHER											01	8	06	1	0	1	Ci	—	—	29.8	40	+2	22	+2	21	0	5	12	175
	GENEINA											03	7	00	0	2	6	Ac, As	—	—	24.4	36	—	22	—	75	0	42	—	179
	KADUGLI																												—	187
S. Sudan	MALAKÂL											03	8	18	4	2	8	Ac, As	9.6	-0.8	23.9	36	0	21	-2	75	6	236	165	176
	WÂU											60	—	12	3	6	—	—	13.5	+3.9	21.0	34	-1	20	-1	91	2	217	312	177
	JÛBA											81	7	00	0	9	7	St	12.6	+0.8	22.1	36	+2	21	0	100	20	503	351	178

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. m.	HELWAN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 6 h. m.	KHARTÛM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA h. m.	Geneina 6 h. m.
	02.10.05		02.03.20	02.36.10	02.30.20	02.29.10	03.36.20	06.03.55	06.03.25	06.18.55	07.25.60	06.20.40		10.03.15
	05.05.15		05.02.30	05.03.20	05.34.15	05.33.25	06.35.30	10.02.56	10.34.20	10.18.65	10.25.50	10.21.30		15.05.20
	10.01.25		10.05.25	08.02.50	10.32.15	10.31.10	10.32.30	15.03.55	15.21.05	15.18.45	15.26.50	15.17.10		20.05.30
	15.02.25		15.09.10	10.07.20	15.01.10	15.14.10	15.31.30	20.06.40	20.11.25	20.20.25	20.28.45	20.28.15		30.08.35
	19.01.35		20.14.10	15.09.05		20.21.15	20.24.40		25.09.20	30.05.05	30.33.10	30.06.25		34.07.35
			25.18.10	20.10.10			25.22.35		30.05.15	40.07.15	37.05.25	40.01.25		
			30.18.25	23.16.10					40.05.30	50.15.15				
			35.21.25	25.17.20					50.03.30					
			40.19.25	30.18.25					60.03.10					
			50.21.25	40.18.20					66.19.10					

Forecast for 24 hours from noon on 17th

Light to moderate winds chiefly northerly, becoming variable or easterly later.
Clear or occasional high cloud.
Becoming gradually warmer, and less settled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٧
رياح خفيفة إلى معتدلة معظمها شمالية تتحول إلى رياح متغيرة الاتجاه أو تميل إلى الشرقية فيما بعد.
السماء صحو أو يظهر بها بعض السحاب العالي.
تزداد حرارة الطقس تدريجيا و يقل استقرار الجو.

STATION	Mean of day: Humidity % on 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	79	+9	20.0	+2.6
Ezbekiya	56	+3	18.4	-0.8
Giza	61	+9	18.2	-0.1
Helwân	41	+2	17.1	+1.5

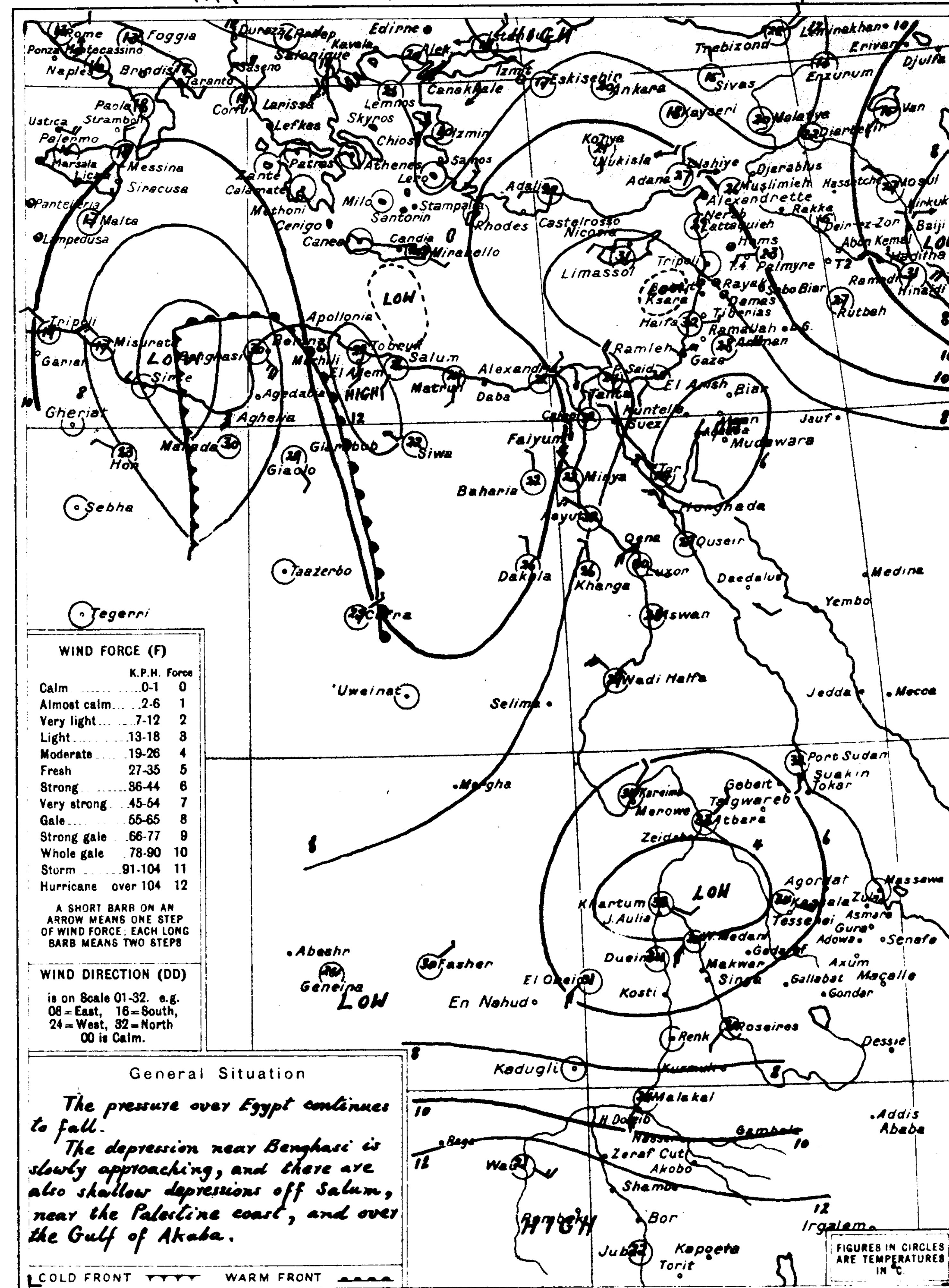
Giza Grass minimum on 17th 13.0 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
17.5	1261	1100
16.5	1261	1076

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16.5	13.33	-0.21	13.34	-0.20
Nasser	16.5	6.95	+0.74	6.87	+0.70
Malakâl	17.5	10.66	+0.46	10.62	+0.43
Roseires	17.5	12.33	+0.45	12.52	+0.66
Sennâr Res	16.5	12.50	—	12.90	—
J. Aulia U.S	16.5	371.65	—	371.70	—
J. Aulia D.S	16.5	371.15	+0.26	371.20	+0.31
Khartûm	16.5	10.33	+0.15	10.32	+0.08
Kh. el Girba					
'Atbara	16.5	10.22	+0.20	10.22	+0.21
Kajnarti	16.5	132.74	+0.83	132.77	+0.87
Aswân Res.	17.5	119.16	—	119.22	—
Aswân D.S.	17.5	86.37	+0.60	86.37	+0.61
Rôda (Cairo)	17.5	15.77	+0.24	15.77	+0.29

١٩٣٩-٥-١٧ Isobars, Wind and Temperature at 8 h. 17-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The pressure over Egypt continues to fall.
The depression near Benghasi is slowly approaching, and there are also shallow depressions off Salum, near the Palestine coast, and over the Gulf of Akaba.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C.

SCALE 1:15,000,000 — Kms. 200 100 0 200 400 600 Kms.

STATION	At 8 h. on 17th — Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm.	Min. Today °C mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	26	2	0	0	—	7.5	-5.1	31	—	—	—	—	—	0	603	450
Haifa	00	—	08	1	—	0	—	7.1	-3.6	31.6	27	-1	20	+3	20	0	552	643
Gaza																		376
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h. 04 m. 59
" " Sunset 18 43

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 17.5 — الساعة ١٤ يوم ١٧–٥ | At 8 h. on THURSDAY 18th — الساعة ٨ يوم ١ خميس ١٨

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN																													
SALUM	02	9	04	2	1	5	Cs	10.4	27.3	44	01	8	14	2	1	3	AC	10.0	-4.3	25.8	33	—	22	—	33	0	81	—	130
MATRUH	00	7	32	2	0	0	—	11.0	23.9	85	02	7	10	2	1	4	As	10.7	-3.1	26.3	25	-1	14	-2	43	0	122	159	131
DIKHEILA	01	8	30	3	0	1	Ci	11.2	22.0	87	00	7	26	2	0	0	—	12.2	—	21.2	23	—	15	—	90	0	94	—	150
ALEXANDRIA	00	9	04	3	0	0	—	10.0	23.4	75	00	9	28	1	0	0	—	11.5	-2.3	21.3	26	-1	19	+1	87	0	165	184	132
DAMIETTA											00	8	28	2	0	0	—	10.7	—	23.0	25	—	16	—	74	0	70	106	159
PORT SAID	00	7	30	5	1	0	—	8.6	26.5	68	00	7	28	3	1	0	—	10.3	-1.9	22.8	28	+2	19	+1	84	0	64	79	134
EL 'ARISH	00	7	28	3	0	0	—	7.5	25.2	61	00	7	20	2	0	0	—	10.4	—	24.2	26	—	17	—	66	0	130	92	135
LOWER EGYPT																													
DAMANHUR											00	8	04	2	0	0	—	11.4	-2.5	24.3	30	-1	14	-1	68	0	29	102	136
MANSURA											00	8	30	1	0	0	—	10.7	—	22.8	33	+1	14	-2	73	0	46	54	137
TANTA	00	8	32	2	0	0	—	8.8	31.8	21	00	8	00	0	0	0	—	11.2	-2.9	22.3	32	-1	12	-4	69	0	41	42	138
ZAGAZIG	00	8	30	2	0	0	—	7.8	33.8	22	00	7	26	2	4	0	—	11.6	—	21.2	34	+2	13	-2	79	0	31	28	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	28	3	0	0	—	8.4	32.8	30	05	6	00	0	0	2	St	12.3	—	18.9	34	—	15	—	76	0	18	—	141
CAIRO EZBEKIYA	00	9	02	2	0	0	—	7.8	33.6	24	08	4	30	1	4	3	Cu	11.4	-1.4	19.8	35	+3	16	-1	80	0	23	26	—
CAIRO GIZA	01	9	32	2	0	1	Cs	7.5	33.6	21	41	4	30	1	4	4	St	11.5	-2.0	18.7	34	+1	14	-1	91	0	23	27	—
HELWAN	00	7	30	4	0	0	—	6.7	32.6	14	05	5	28	3	0	0	—	10.8	-2.3	20.7	34	+2	15	-3	55	0	26	29	143
SUEZ	00	9	30	2	0	0	—	7.5	32.5	32	00	7	30	2	0	0	—	10.0	-2.5	23.3	34	+2	17	-2	63	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	8	32	3	0	0	—	7.2	33.8	18	00	8	02	3	0	0	—	10.8	-2.3	23.0	35	+1	15	-2	48	0	7	8	153
MINYA	00	7	30	4	0	0	—	6.3	33.4	22	00	6	32	4	0	0	—	9.8	-2.6	22.6	34	0	17	+1		0	4	—	154
ASYUT	00	8	26	3	0	0	—	5.9	34.2	26	00	7	22	3	0	0	—	9.5	-2.7	23.5	36	+1	18	-1	44	0	2	4	155
QENA	00	8	20	3	0	0	—	5.1	36.5	28	00	8	22	3	0	0	—	7.9	-3.0	28.2	38	-1	23	+3	40	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	5.4	37.8	17	00	8	08	1	0	0	—	7.8	—	31.0	39	—	20	—	32	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	4.0	38.4	9	01	7	00	0	1	4	Ci	7.1	-3.8	30.0	41	+1	24	+2	21	0	1		158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	10.2	35.0	32	00	8	00	0	0	0	—	10.8	-3.0	26.7	37	+4	18	+2	51	0	7	8	148
BAHARIYA	00	9	32	2	0	0	—	7.5	33.5	21	00	9	00	0	0	0	—	10.6	—	25.8	34	—	16	—	40	0	1	—	149
KHARGA	00	8	28	2	0	0	—	6.3	36.5	38	00	8	28	1	0	0	—	9.1	-2.2	26.5	37	-1	22	+1	46	0	dr	tr	151
DAKHLA	01	8	32	2	1	1	Ci	7.9	33.5	19	05	7	32	1	1	1	Ci	11.4	-0.7	26.1	34	-4	18	-1	30	0	dr	—	152
RED SEA																													
TOR	00	6	28	2	0	0	—	5.5	28.0	76	01	6	28	3	0	1	Cc	7.6	-3.1	25.7	29	-2	20	0	71	0	20	13	145
HURGHADA	00	9	10	1	0	0	—	6.0	30.0	57	01	9	30	3	0	3	Ci	8.2	-2.7	27.6	31	-2	21	+1	33	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	6.3	26.4	90	01	7	32	2	1	4	Ac	7.9	-3.1	27.8	29	-2	22	-1	55	0	tr	6	147
PORT SUDAN											03	—	12	3	—	7	—	7.4	-1.8	32.2	34	-1	30	+6	79	0	81	109	169
NORTH SUDAN																													
WADI HALFA											02	8	02	3	1	5	As,As	8.4	-2.0	27.6	40	0	23	+2	33	—	—	—	165
KAREIMA											01	8	28	3	1	2	Ac	9.1	+0.1	32.7	43	+1	26	+2	16	0	1	3	166
'ATBARA											00	—	20	5	3	0	—	7.9	0.0	32.6	44	+2	28	+4	31	0	6	6	167
KHARTUM											05	7	18	4	1	4	Ci	8.9	+0.9	29.7	45	+3	26	+1	36	0	3	7	168
KASSALA											03	8	14	3	1	6	Ac	7.1	-0.9	29.7	42	+1	25	0	47	5	22	20	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	14	4	0	5	—	9.1	+1.2	30.0	42	0	23	-1	41	0	26	22	171
DUEIM											03	—	—	3	2	6	—	9.1	+0.3	29.2	42	+1	25	+2	50	0	25	20	173
RENK																												—	182
ROSEIRES											00	—	10	1	0	0	—	11.9	+2.7	25.3	37	-1	21	-2	69	5	74	87	172
EL OBEID																												29	174
EL FASHER																												12	175
GENEINA																												—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL											00	—	12	2	6	0	—	9.1	-0.6	25.0	30	-5	20	-1	87	2	219	168	176
WAU																												316	177
JUBA											10	8	00	0	1	7	Cu,Sc	11.8	0.0	23.8	30	-4	21	0	83	dr	503	354	178

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	CAIRO 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 5 h.	EL OBEID	MALAKAL	JUBA	
02.16.15	02.12.15		02.02.15	02.34.25	02.31.30	02.36.10	03.01.20	06.04.20	06.19.15	06.20.35				
05.16.35	05.10.15		05.03.25	05.05.20	05.35.35	05.35.30	06.01.35	10.04.30	10.18.20	10.22.30				
10.18.30	10.06.10		10.04.20	08.04.45	10.35.30	10.34.20	10.35.20	15.03.25	15.17.20	15.23.10				
15.17.15	15.34.10			10.03.30	15.01.20	15.23.20	15.34.20	20.02.25	20.16.25	20.05.20				
20.20.15	20.33.10			15.05.10	20.02.20	20.18.15	20.23.15	23.03.25	25.17.40	30.05.10				
25.25.20	25.33.25			20.03.10			24.19.15		30.02.40					
30.27.35				23.06.05					40.34.25					
31.27.30				25.34.05					50.08.20					
				30.32.15					60.23.05					
				35.25.20					70.22.25					

Forecast for 24 hours from noon on 18th

Lower Egypt: moderate northerly winds veering to northeast or east.
Western Egypt: moderate east to southeast winds.
Clear or occasional high cloud.
Warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٨
تهب على الوجه البحري رياح معتدلة شمالية تتحول إلى الشمال الشرقي أو الشرقية
وتهب على غرب مصر رياح معتدلة ما بين الشرقية والجنوبية الشرقية
السماء صحو أو تظهر بالبعض سحابة عالية
وتزداد حرارة الجو

STATION	Mean of day Humidity % on 17th	Humidity Diff. from normal	Wet Bulb Temp °C on 17th	Wet Bulb Diff. from normal
Alexandria	76	+6	19.6	+2.1
Ezbekiya	47	-6	18.2	-1.1
Giza	55	+3	17.9	-0.5
Helwan	35	-4	16.4	+0.8

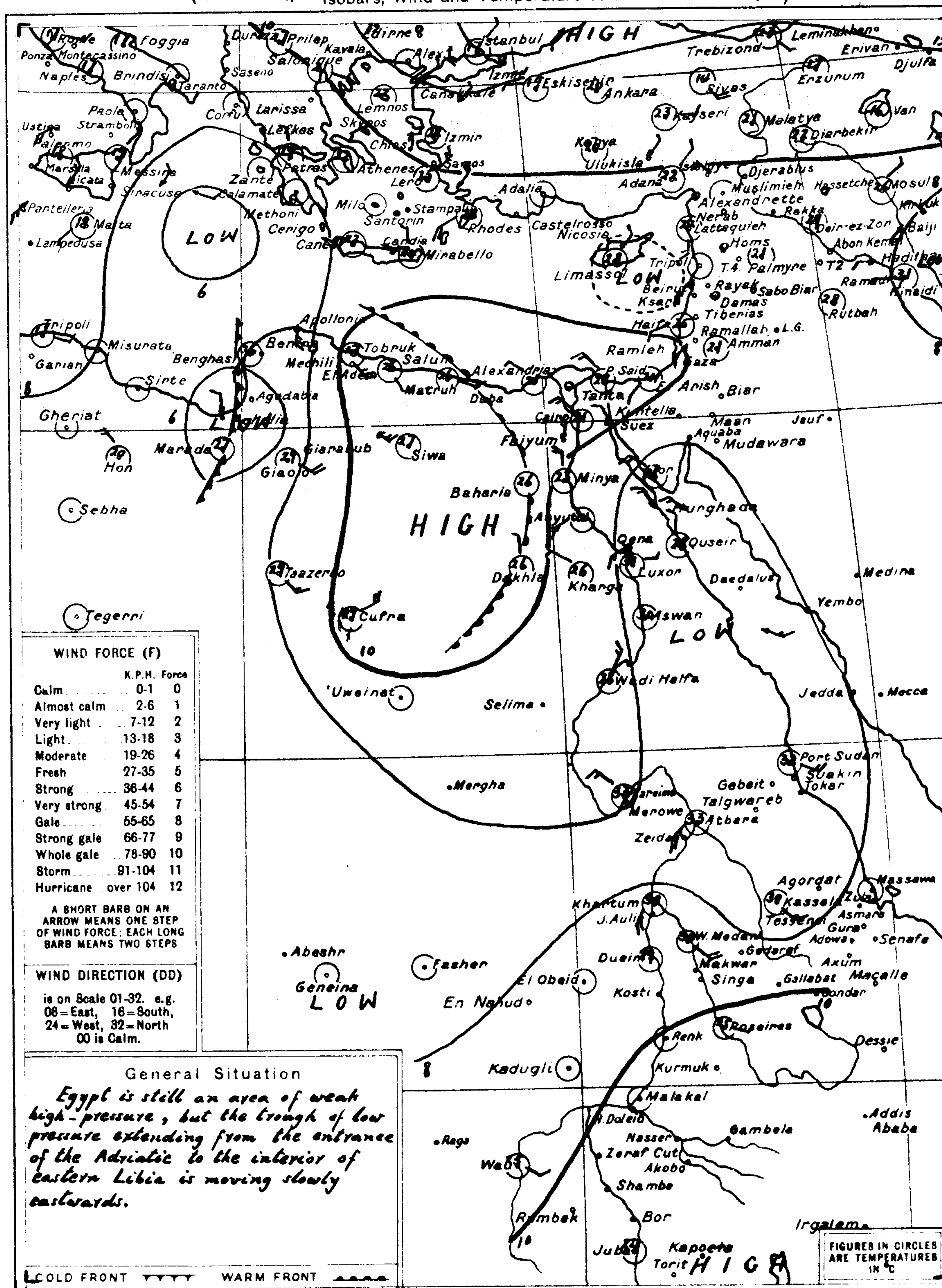
Giza Grass minimum on 18th 12.2°C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
18-5	1261	1100
17-5	1261	1100

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	18-5	13.80	+0.26	13.49	-0.05
Nasser	17-5	7.03	+0.77	6.95	+0.74
Malakal	18-5	10.69	+0.49	10.66	+0.46
Roseires	18-5	12.29	+0.38	12.33	+0.45
Sennar Res	17-5	12.49	—	12.50	—
J. Aulia U.S	17-5	371.61	—	371.63	—
J. Aulia D.S	17-5	371.13	+0.24	371.15	+0.26
Khartum	17-5	10.42	+0.26	10.33	+0.15
Kh. el Girba					
'Atbara	17-5	10.22	+0.20	10.22	+0.20
Kajnarti	17-5	132.69	+0.77	132.74	+0.83
Aswan Res.	18-5	119.07	—	119.16	—
Aswan D.S.	18-5	86.36	+0.58	86.37	+0.60
Roda (Cairo)	18-5	15.82	+0.34	15.77	+0.29

Isobars, Wind and Temperature at 8 h. 18-5-1939 ١٨–٥–١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

Egypt is still an area of weak high-pressure, but the trough of low pressure extending from the entrance of the Adriatic to the interior of eastern Libia is moving slowly eastwards.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 18th — الساعة ٨ يوم ١٨

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol	00	7	04	2	0	0	—	9.0	-3.4	28	—	—	—	—	—	0	603	451
Haifa	00	—	22	2	—	0	—	9.6	-1.0	24.8	33	+5	10	-7	58	0	552	643
Gaza																		375
SHIPS سفن																		

Remarks

Helwan Upper Wind Cont.

40.26.20	80.26.20
45.32.20	85.24.10
50.23.10	90.25.15
55.30.06	95.26.20
60.26.20	100.27.25
65.25.30	105.23.30
70.25.35	110.24.40
75.27.40	118.25.65

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h 04 m 58
" " Sunset 18 44

Month *MAY* 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 18-5 الساعة ١٤ يوم ١٨-٥ | At 8 h. on FRIDAY 19th الساعة ٨ يوم الجمعة ١٩

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	03	8	12	2	5	7	As.	10.3	30.9	35	12	6	20	8	0	0	—	6.7	-7.6	29.2	35		23		10	dr.	81		130
MATRUH	02	7	06	2	2	5	As.	11.0	28.1	58	05	6	16	5	2	5	Cu.	8.6	-5.2	31.5	31	+5	21	+5	52	0	122	159	131
DIKHEILA	00	8	28	2	0	0	—	12.0	24.3	73	00	8	12	3	0	0	—	11.4	—	26.2	26	—	18	—	47	0	94	—	150
ALEXANDRIA	00	9	32	2	0	0	—	11.2	27.6	46	00	9	10	2	0	0	—	11.1	-2.6	23.9	30	+3	20	+2	45	0	165	184	132
DAMIETTA											09	7	12	1	0	0	—	11.1	—	27.1	30	—	17	—	52	0	70	106	159
PORT SAID	00	7	30	3	0	0	—	10.8	27.0	63	00	7	04	2	0	0	—	10.8	-1.3	24.5	28	+2	19	0	64	0	64	79	134
EL ARISH	00	7	28	3	0	0	—	10.7	26.0	48	00	7	28	1	0	0	—	11.0	—	25.6	26	—	—	—	30	0	130	92	135
LOWER EGYPT																													
DAMANHUR											00	8	12	2	0	0	—	11.1	-2.8	27.8	35	+4	18	+3	35	0	29	102	136
MANSURA											00	8	22	1	0	0	—	12.6	—	27.4	35	+3	17	+1	34	0	46	54	137
TANTA	00	8	32	2	0	0	—	10.3	33.9	25	00	8	00	0	0	0	—	11.5	-2.6	24.1	34	+1	15	-1	52	0	41	42	138
ZAGAZIG	00	8	30	2	0	0	—	10.2	34.9	23	00	7	02	1	0	0	—	11.0	—	29.3	35	+3	16	+1	32	0	31	28	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	32	2	0	0	—	10.6	33.6	22	00	7	00	0	0	0	—	10.7	—	28.4	35		18		25	0	18		141
CAIRO EZBEKIYA	00	9	32	1	0	0	—	9.6	34.0	19	05	5	26	1	0	0	—	10.0	-2.8	28.0	36	+4	19	+2	29	0	23	26	—
CAIRO GIZA	00	9	32	1	0	0	—	9.9	33.7	23	00	5	30	3	0	0	—	10.2	-3.2	24.1	34	+1	19	-1	41	0	23	27	—
HELWAN	00	8	32	5	0	0	—	8.8	34.1	06	05	5	00	0	0	0	—	10.3	-2.7	26.8	35	+3	20	+2	23	0	26	29	143
SUEZ	00	9	32	3	0	0	—	9.6	30.4	36	00	8	02	1	0	0	—	10.0	-2.5	25.6	33	+1	16	-3	40	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	8	30	3	0	0	—	9.0	35.1	12	00	8	30	2	0	0	—	10.6	-2.4	27.0	36	+1	17	0	27	0	7	8	153
MINYA	00	8	28	3	0	0	—	8.3	34.7	15	00	5	02	2	0	0	—	9.3	-3.0	25.5	36	+2	18	+2	39	0	4	—	154
ASYUT	00	7	22	3	0	0	—	6.8	36.0	17	00	6	22	3	0	0	—	8.7	-3.4	28.0	37	+2	20	+1	27	0	2	4	155
QENA	01	8	20	1	1	3	Ac.	6.0	38.0	30	00	7	02	1	0	0	—	8.3	-2.5	31.4	39	0	26	+6	31	0	dr.	—	156
LUXOR	01	8	22	1	0	1	Ci.	6.3	38.4	19	00	8	06	2	0	0	—	8.6	—	32.2	41	—	21	—	23	0	dr.	—	157
ASWAN	01	7	00	0	1	3	Cu.	4.8	40.5	15	00	7	00	0	0	0	—	7.8	-3.0	30.4	41	+1	26	+4	35	0	1		158
WESTERN DESERT																													
SIWA	02	8	00	0	1	4	Cu.	9.3	37.2	43	00	8	00	0	0	0	—	7.9	-5.8	29.2	40	+6	19	+3	34	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	9.4	34.2	21	00	9	00	0	0	0	—	11.0	—	27.0	36	—	19	—	46	0	1	—	149
KHARGA	00	8	28	2	0	0	—	7.5	36.0	33	00	8	00	0	0	0	—	6.4	-4.8	30.2	37	-2	23	+2	38	0	dr.	tr.	151
DAKHLA	00	8	30	4	0	0	—	9.3	34.8	16	00	7	26	3	0	0	—	9.6	-2.5	28.8	36	-2	20	+1	25	0	dr.	—	152
RED SEA																													
TOR	01	6	28	3	0	1	Cu.	6.4	28.5	70	00	6	28	3	0	0	—	8.3	-2.3	25.5	30	-1	22	+2	76	0	20	13	145
HURGHADA	00	9	04	2	0	0	—	7.8	30.7	44	01	9	30	2	1	3	St.	9.8	-1.1	29.8	33	0	24	+4	21	0	1	—	146
QUSEIR	02	7	32	2	1	4	Ac.	7.6	27.4	75	01	7	04	1	0	2	Cs.	8.8	-2.2	28.3	29	-2	24	0	58	0	tr.	6	147
PORT SUDAN											40	—	12	4	4	9	—	8.7	-0.4	33.5	35	0	32	+8	73	dr.	81	109	169
NORTH SUDAN																													
WADI HALFA											00	8	00	0	0	0	—	7.7	-2.7	26.8	39	-1	19	-2	20	—	—		165
KAREIMA											00	—	06	2	0	0	—	8.1	-0.9	30.4	42	0	24	0	25	0	1	3	166
ATBARA											00	—	12	6	0	0	—	7.8	-0.1	32.6	40	-2	29	+4	36	0	6	6	167
KHARTUM											18	6	16	5	1	2	Ac.	7.6	-0.4	31.7	—	—	—	—	38	0	3	7	168
KASSALA											01	8	10	3	1	4	Ac.	8.3	+0.3	29.7	39	-2	25	0	47	dr.	22	20	170
CENTRAL SUDAN																													
WAD MEDANI											01	—	18	2	1	4	—	6.6	-1.3	31.0	38	-4	25	+1	37	dr.	26	22	171
DUEIM											00	—	—	3	0	0	—	9.0	+0.2	29.6	37	-4	26	+3	50	0	25	20	173
RENK																												—	182
ROSEIRES											00	—	26	1	0	0	—	9.8	+0.5	27.7	37	-1	22	-1	59	0	74	88	172
EL OBEID											00	8	20	3	0	0	—	8.4	-1.2	28.4	36	-3	25	+3	51	0	22	29	174
EL FASHER											01	8	00	0	0	1	Ac.	—	—	26.6	38	0	23	+3	37	0	5	13	175
GENEINA											01	8	00	0	2	4	As.Ac.	—	—	27.2	37	—	23	—	49	0	42	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL											03	8	22	3	2	6	As.Ac.	9.6	-0.9	26.5	32	-4	23	0	73	1	237	171	176
WAU											01	—	18	1	1	4	—	8.8	-0.9	25.2	32	-3	23	+2	75	0	219	321	177
JUBA											01	8	24	1	0	4	Ac.	10.8	-1.1	25.0	30	-4	22	+1	84	1	504	358	178

UPPER WINDS ON 19 الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7h	MATRUH 8h	DIKHEILA 7h	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA 4h	KAREIMA 7h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	SALUM 18th 13h
02 18 40	02 19 65	02 13 35					03 02 10	06 07 10	06 15 40	06 20 15	07 22 25	06 18 30		02 00 00
05 21 —	06 17 40	05 13 25					06 03 50	10 07 25	10 21 10	10 21 20	10 23 35	10 19 30		05 19 35
10 24 65	10 18 40	10 12 25					10 01 45		15 01 10	15 22 25	15 27 25	15 17 10		10 20 35
13 25 55	15 18 30	15 13 10					15 02 20		20 36 05	20 23 35	20 31 15	20 05 15		15 22 35
	18 19 35	20 10 10					20 06 20		30 20 05	30 25 35	30 29 10	24 03 25		20 24 35
		23 02 05					23 09 15		40 30 05	40 27 50	37 21 10			25 25 35
		25 36 05							50 30 15					30 26 50
		30 32 15							56 29 15					31 26 35
														Est. As.

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 18th	Diff. from normal	Wet bulb temp. °C on 18th	Diff. from normal
Alexandria	86	+16	20.1	+2.5
Ezbekiya	57	+4	18.5	-0.9
Giza	61	+7	18.3	-0.2
Helwan	36	-6	16.0	+0.3

Giza Grass minimum on 19th 12.8°C

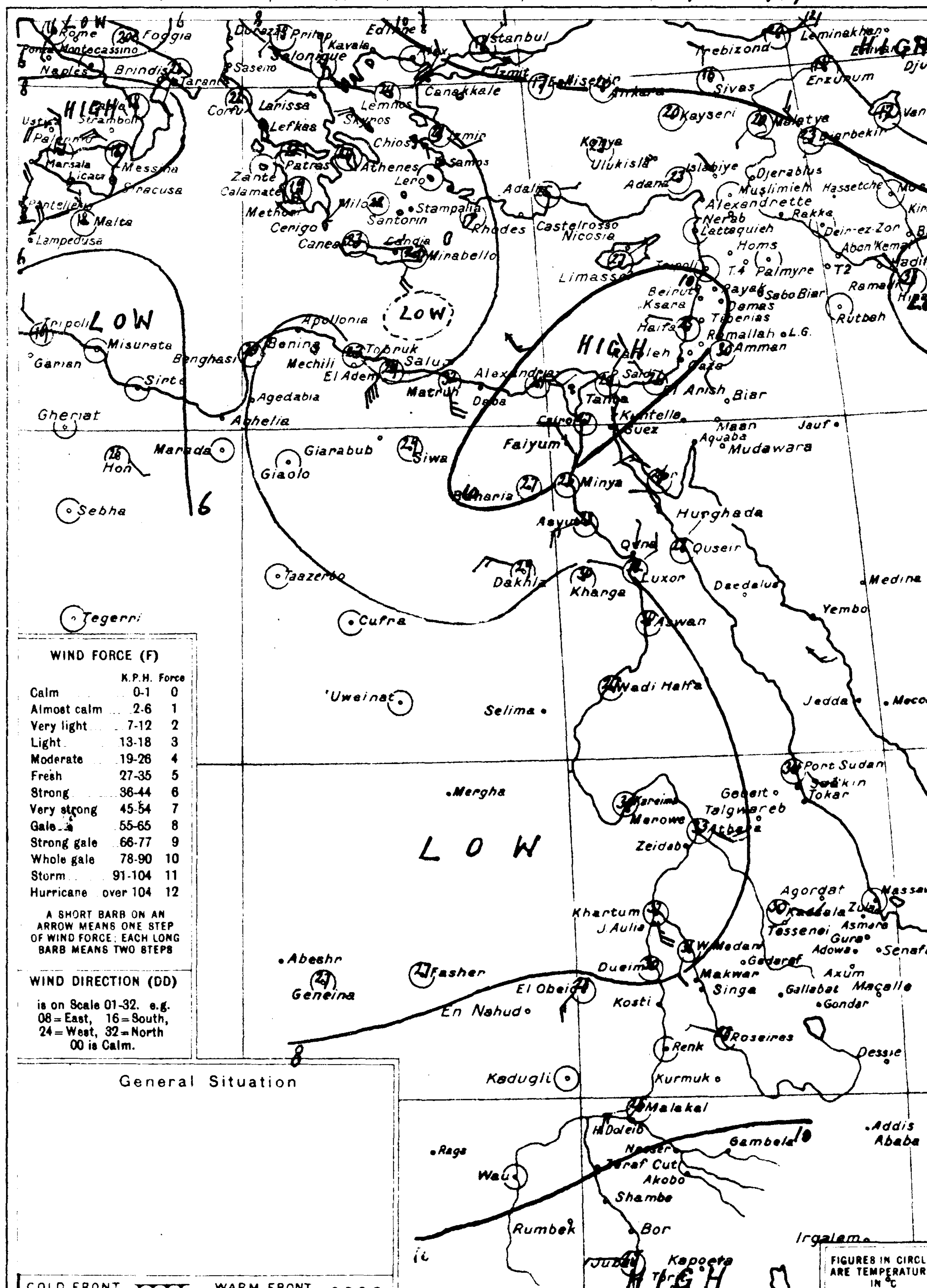
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
19-5	1261	1099
18-5	1261	1100

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	19-5	13.80	+0.26	13.80	+0.26
Nasser	18-5	7.09	+0.77	7.03	+0.77
Malakal	19-5	10.72	+0.52	10.69	+0.47
Roseires	17-5	12.29	+0.35	12.29	+0.38
Sennar Res	19-5	12.20	—	12.41	—
J. Aulia U S	19-5	371.57	—	371.64	—
J. Aulia D S	19-5	371.10	+0.20	371.14	+0.24
Khartum	17-5	10.49	+0.33	10.51	+0.36
Kh. el Girba					
Athara	19-5	10.16	+0.15	10.19	+0.17
Kajnarti	19-5	132.55	+0.61	132.63	+0.69
Aswan Res	19-5	118.99	—	119.07	—
Aswan D S	19-5	86.36	+0.57	86.36	+0.53
Roda (Cairo)	19-5	15.82	+0.34	15.82	+0.39

Printed by the Survey & Mines Dept. 1938 (38, 554)

1939-5-19 Isobars, Wind and Temperature at 8 h. 19-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

At 8 h. on 19th الساعة ٨ يوم ١٩

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms
Limassol	00	7	36	1	[illegible]	[illegible]	[illegible]	[illegible]	2.6	27	—	—	—	—	—	0	603	451
Haifa	00	—	23	1	[illegible]	[illegible]	[illegible]	[illegible]	+0.8	24.8	30	+2	16	-1	40	0	552	643
Gaza	00	9	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+0.7	25	—	—	14	-1	45	0	—	375

SHIPS سفن

ANNUAL SUBSCRIPTION: INLAND P.T. 100 ABROAD P.T. 150

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 04 58
,, ,, Sunset 18 44

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 19th — الساعة ١٤ يوم ١٩ | At 8 h. on SATURDAY 20th — السبت ٢٠ الساعة ٨ يوم

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PPP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	02	8	02	3	1	4	Ci	7.5	25.8	60	03	7	22	8	2	6	Cs	2.7	-11.6	31.4	39	—	21	—	8	0	81	—	130
MATRUH	01	7	22	2	1	4	Ac	7.0	30.1	41	05	6	16	5	—	9	—	4.6	-9.1	32.8	41	+15	20	+4	54	0	132	159	131
DIKHEILA	00	8	04	1	0	0	—	9.8	27.2	87	01	7	14	2	1	3	Ci	7.9	—	29.2	38	—	26	—	40	0	94	—	150
ALEXANDRIA	00	8	04	1	0	0	—	9.1	32.7	41	02	8	12	2	2	4	Ac	7.5	-6.2	27.0	38	+11	23	+5	39	0	165	184	132
DAMIETTA											09	7	12	2	0	0	—	8.2	—	29.2	32	—	22	—	52	0	70	106	159
PORT SAID	00	7	04	2	0	0	—	10.6	29.0	54	00	7	10	3	0	0	—	8.6	-3.5	28.0	30	+4	22	+3	33	0	64	71	134
EL 'ARISH	00	7	32	3	1	0	—	10.4	30.6	28	00	7	16	1	0	0	—	8.7	—	32.2	32	—	18	—	23	0	130	92	135
DAMANHUR											03	6	16	3	2	8	Cs	7.8	-6.0	31.0	39	+8	21	+6	32	0	29	102	136
MANSURA											00	8	16	1	0	0	—	7.9	—	30.5	38	+6	19	+3	29	0	46	54	137
TANTA	00	8	00	0	0	0	—	9.6	38.4	18	00	8	16	1	0	0	—	8.2	-5.8	31.0	39	+6	20	+4	32	0	41	42	138
ZAGAZIG	00	8	02	1	0	0	—	10.6	38.4	16	01	8	14	1	1	2	Cs	8.2	—	34.4	38	+6	22	+6	27	0	31	28	139
CAIRO ALMAZA	00	8	00	0	0	0	—	9.0	39.4	22	01	7	14	2	1	3	Ci	8.6	—	37.0	40	—	28	—	21	0	78		141
CAIRO EZBEKIYA	00	9	02	2	0	0	—	8.7	39.3	11	05	5	14	2	0	1	Ci	7.9	-4.8	31.8	40	+8	23	+6	23	0	23	26	—
CAIRO GIZA	00	9	00	0	0	0	—	8.3	38.3	14	05	5	14	1	0	0	—	8.3	-5.1	27.2	39	+6	20	+5	35	0	23	27	—
HELWAN	00	7	00	0	0	0	—	7.8	39.6	7	05	5	00	0	0	4	Ci	7.9	-5.1	32.7	41	+9	27	+9	17	0	26	29	143
SUEZ	00	9	00	0	0	0	—	9.1	37.4	22	00	7	16	1	0	0	—	9.0	-3.5	29.4	38	+6	21	+2	39	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	8.2	38.4	14	01	7	30	1	0	3	Cu	8.7	-4.3	32.5	41	+6	19	+2	20	0	7	8	153
MINYA	00	7	30	3	0	0	—	7.9	34.4	13	01	5	26	2	0	3	Cs	8.0	-4.3	30.5	40	+6	22	+6	29	0	4	—	154
ASYUT	00	8	28	2	0	0	—	7.5	39.4	13	00	6	12	3	0	0	—	8.6	-3.6	31.3	41	+6	22	+3	31	0	2	4	155
QENA	01	8	10	1	1	3	Cu	7.1	38.8	25	00	8	04	1	0	0	—	9.3	-1.4	30.8	41	+2	22	+2	31	0	tr.	—	156
LUXOR	00	8	24	1	0	0	—	6.4	40.9	16	00	8	28	1	0	0	—	9.5	—	32.8	42	—	21	—	30	0	tr.	—	157
ASWAN	00	7	00	0	0	0	—	5.1	40.4	15	00	7	00	0	0	0	—	8.6	-2.1	32.2	42	+2	27	+4	28	0	1	—	158
SIWA	02	8	22	1	2	5	Cu	7.4	42.0	32	00	8	00	0	0	0	—	6.4	-7.3	35.0	44	+10	27	+11	42	0	7	6	148
BAHARIYA	00	7	08	1	0	0	—	9.0	40.0	25	00	9	00	0	0	0	—	8.4	—	30.5	42	—	19	—	33	0	1	—	149
KHARGA	00	8	04	1	0	0	—	6.3	39.0	24	00	8	32	1	0	0	—	8.2	-2.7	33.8	41	+2	26	+5	33	0	tr.	tr.	151
DAKHLA	00	8	12	1	0	0	—	7.6	41.0	15	00	6	00	0	0	0	—	9.0	-3.0	30.5	42	+4	21	+2	40	0	tr.	—	152
TOR	01	6	28	3	0	1	Cs	7.1	31.5	55	00	6	28	1	0	0	—	9.5	-1.0	31.2	33	+2	23	+3	50	0	20	13	145
HURGHADA	01	9	04	1	1	3	Cs	7.9	33.5	18	00	9	30	1	0	0	—	9.5	-1.3	31.4	35	+2	21	[illegible]	28	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	8.3	28.8	78	00	7	32	2	0	0	—	9.3	-1.6	31.6	31	-1	23	[illegible]	33	0	tr.	6	147
PORT SUDAN											06	—	12	2	2	9	—	7.4	-1.6	31.8	38	+3	30	+6	62	0	81	109	169
WADI HALFA											18	5	14	1	3	0	—	7.2	-3.1	31.2	41	+1	25	+4	32	—	—	—	165
KAREIMA											05	7	12	3	0	0	—	—	—	32.1	41	-1	27	+3	33	0	1	3	166
ATBARA											02	—	12	2	0	4	—	7.8	0.0	32.8	38	-4	27	+2	25	0	6	6	167
KHARTUM											08	4	14	1	4	8	As	9.3	+1.3	[illegible]	39	-3	23	-2	63	10	13	7	168
KASSALA											03	8	16	2	1	7	Ac As	8.3	+0.3	[illegible]	37	-4	23	-2	68	17	39	21	170
WAD MEDANI																												22	171
DUEIM											03	—	—	3	2	7	—	9.4	+0.6	27.2	39	-2	25	+2	57	0	25	20	173
RENK																												—	182
ROSEIRES											02	—	14	1	1	4	—	10.6	+1.2	22.0	38	0	21	-2	89	4	78	70	172
EL OBEID											01	8	16	3	0	4	Ac	8.1	-1.5	25.1	38	-1	21	-1	61	0	22	29	174
EL FASHER											00	9	04	1	0	0	—	—	—	24.3	40	+2	15	-5	20	0	5	13	175
GENEINA											00	8	04	1	1	0	—	—	—	23.8	40	—	—	—	33	0	42	—	179
KADUGLI																												—	167
MALAKAL																												173	176
WAU											02	—	20	2	6	4	—	8.1	-1.7	24.0	35	0	22	+1	78	1	220	326	177
JUBA											01	8	20	1	8	4	Sc	8.9	-3.0	25.4	31	-3	23	+2	92	dr	504	362	178

UPPER WINDS — الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.	HELWAN	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL	JUBA	EL FASHER 6 h.
02.22.55	02.19.45	02.20.45	02.18.30		02.14.30	02.02.05	03.15.45	06.14.35	10.16.40	06.19.30	07.19.15			09.28.10
05.22.60	05.20.75	05.19.30	05.19.30		05.11.45	05.26.10	07.16.35	10.14.20	15.15.45	10.21.30	10.14.30			10.22.10
10.23.45	10.21.70	10.20.15	10.21.20		10.11.45	10.22.15	08.15.25	15.13.15	20.16.15	15.17.30	15.12.20			15.17.30
15.24.60		15.22.25	15.21.15		15.15.30	15.08.10			30.23.05	20.13.35	20.30.15			20.15.30
		20.23.25	20.27.05		20.10.30	20.06.15			40.01.20	30.06.15	30.01.25			30.08.10
		25.25.25	25.31.10			25.05.25			50.05.25					31.10.10
		30.27.20	30.33.45						60.09.35					
		32.26.25							70.31.10					
									80.01.40					
									89.34.30					

Forecast for 24 hours from noon on 20th

On the coast moderate southeast winds becoming fresh south to southwest winds, strong at times. Inland moderate southeasterly winds, freshening and becoming southwesterly. Some high cloud, increasing. Khamsin conditions continuing.

Further outlook: cooler within two days.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٠
على الساحل رياح معتدلة جنوبية شرقية ثم تتحول الى جنوبية أو جنوبية غربية نشيطة وتشتد أحيانا — وفي الداخل رياح معتدلة جنوبية شرقية ثم تصير جنوبية غربية وتشتد نوعا — ظهور السحاب العالي وتكاثره — يستمر الطقس الخماسيني وفيما بعد ستهبط درجة الحرارة في يومين

Mean of day

STATION	Humidity % 19th	Diff. from normal	Wet bulb temp °C 19th	Diff. from normal
Alexandria	47	-23	20.4	+2.7
Ezbekiya	26	-27	18.8	-0.7
Giza	34	-18	18.8	+0.2
Helwan	11	-28	16.9	+1.1

Giza Grass minimum on 20th 14.2 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
20-5	1261	1123
19-5	1261	1099

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	19-5	13.80	+0.26	13.80	+0.26
Nasser	19-5	7.14	+0.81	7.09	+0.79
Malakal	20-5	10.76	+0.56	10.72	+0.52
Roseires	20-5	12.34	+0.36	12.29	+0.35
Sennar Res	19-5	12.20	—	12.41	—
J. Aulia U.S	19-5	371.57	—	371.64	—
J. Aulia D.S	19-5	371.10	+0.20	371.14	+0.24
Khartum	19-5	10.49	+0.35	10.51	+0.36
Kh. el Girba					
'Atbara	20-5	10.18	+0.17	10.16	+0.15
Kajnarti	20-5	132.51	+0.56	132.55	+0.61
Aswan Res.	20-5	118.90	—	118.99	—
Aswan D.S.	20-5	86.36	+0.55	86.36	+0.57
Roda (Cairo)	20-5	15.82	+0.34	15.82	+0.34

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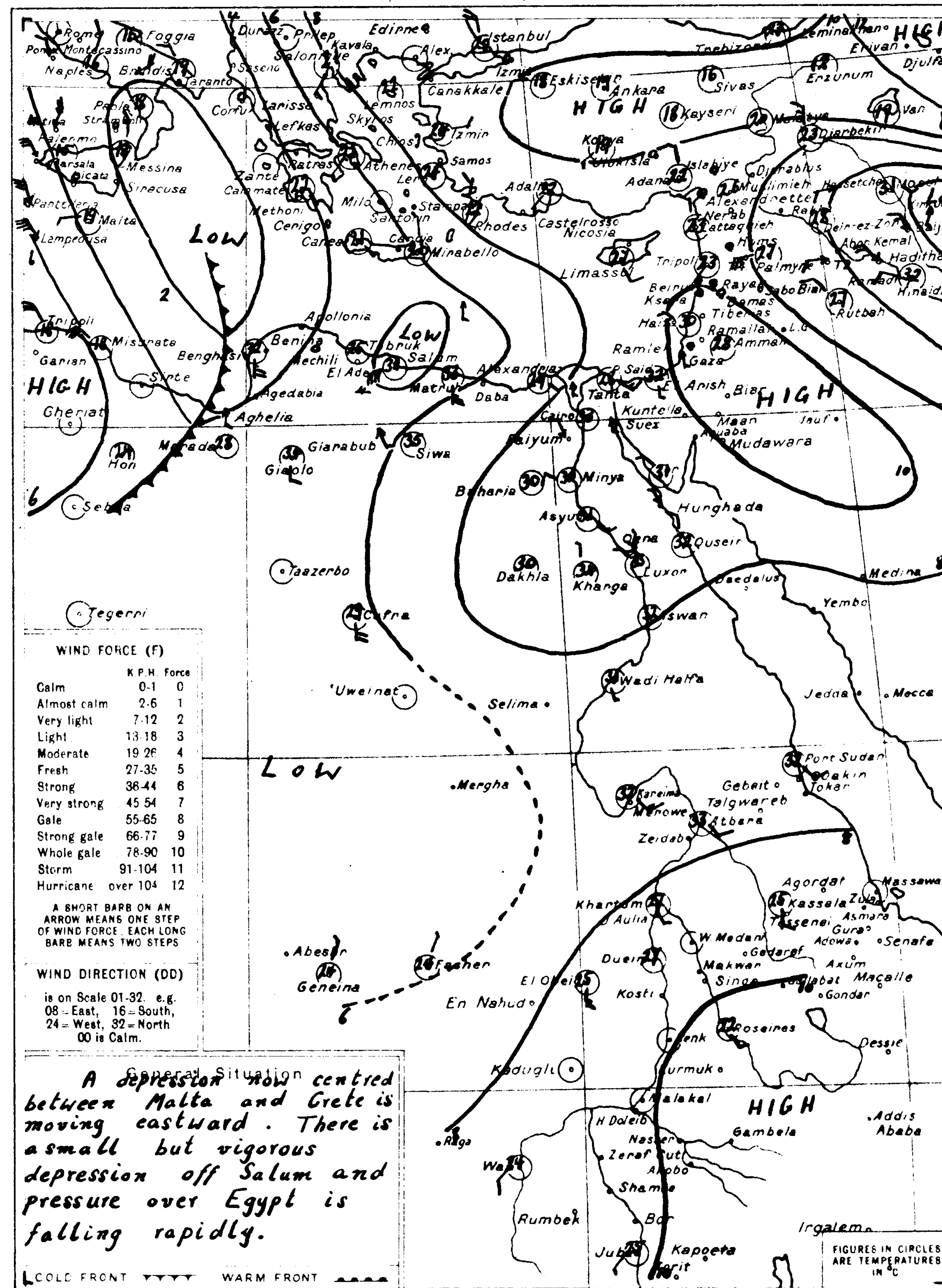
Isobars, Wind and Temperature at 8 h. 20-5-39 ٢٠-٥-٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A depression now centred between Malta and Crete is moving eastward. There is a small but vigorous depression off Salum and pressure over Egypt is falling rapidly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 20th — الساعة ٨ يوم ٢٠

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff from norm °C	Min. Today °C mm	Min. Diff from norm °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	14	2	0	0	—	9.5	-2.8	27	—	—	—	—	—	0	603	452
Haifa	00	—	26	1	—	0	—	11.0	+0.5	29.8	30	+2	17	0	24	0	582	643
Gaza	00	9	14	1	0	0	—	10.3	-1.0	27	—	—	17	+2	26	—	—	375
SHIPS																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 04 58
" " Sunset 18 44

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 20-5 (الساعة ١٤ يوم ٢٠/٥) — At 8 h. on SUNDAY 21st (الساعة ٨ يوم الاحد ٢١)

STATION	14h Present weather ww	14h Visibility V	14h Wind DD	14h Wind F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. PPP	14h TT	14h Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar M.S.L. 1000+ mbs PPP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff from norm °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
[illegible]UM	03	6	22	7	2	8	As	.1.3	41.8	04	03	7	28	6	2	8	As	9.0	-5.2	19.3	43		18		87	0	81	—	130
MATRUH	03	6	18	4	2	8	As	2.2	43.4	59	03	6	26	5	2	8	As	7.1	-6.6	20.8	44	+18	20	+4	95	0	122	159	131
DIKHEILA	02	8	24	1	1	5	Cs	5.4	42.1	34	05	6	24	3	2	8	Cs	6.0	—	28.9	43	—	26	—	58	0	94		150
ALEXANDRIA	02	7	16	1	2	5	Ac	5.5	40.0	22	03	8	22	2	2	8	As	5.6	-8.1	28.4	42	+15	26	+8	50	0	165	184	132
DAMIETTA											09	7	20	2	1	5	As	7.2	—	31.0	38		25		36	0	70	106	159
PORT SAÏD	01	7	04	4	1	3	Cs	7.5	30.0	55	01	6	18	5	1	3	Cs	5.8	-6.3	32.9	35	+8	26	+7	28	0	64	79	134
EL ARISH	00	7	02	1	0	0	—	7.5	31.8	29	12	6	16	1	0	0	—	6.2	—	38.8	41	—	19	—	14	0	130	92	135
DAMANHÛR											03	6	20	4	2	8	Cs	5.3	-8.5	35.0	43	+12	27	+12	18	0	29	102	136
[illegible]ANŞURA											02	4	16	2	1	4	As	5.4	—	32.9	43	+11	22	+6	21	0	46	54	137
[illegible]NTA	00	7	20	2	0	0	—	6.4	42.0	18	00	7	20	1	0	0	—	6.6	-7.4	31.4	42	+8	24	+8	30	0	41	42	138
[illegible]AZIG	01	8	20	2	1	2	Cs	6.8	41.7	15	01	7	20	6	0	2	Ci	6.4	—	34.4	42	+10	24	+8	21	0	31	28	139
CAIRO ALMÂZA	01	8	18	2	1	3	Ci	7.1	42.5	19	05	7	16	3	1	4	Cs	7.0	—	35.0	43	—	30	—	23	0	18	—	141
CAIRO EZBEKIYA	00	8	22	2	0	0	—	6.6	42.4	12	05	6	16	3	1	4	Cs	7.2	-5.5	31.8	43	+10	27	+10	18	0	23	26	—
CAIRO GÎZA	01	8	00	0	0	1	Ci	6.4	43.3	16	05	6	16	4	1	3	Sc	6.7	-6.7	31.8	43	+10	25	+10	29	0	23	27	—
HELWÂN	01	7	00	0	1	3	Ci	6.2	41.6	07	05	7	12	2	0	3	Cc	7.4	-5.6	32.0	43	+11	28	+10	11	0	26	29	143
SUEZ	01	8	12	3	0	3	As	7.5	32.8	29	01	7	18	2	0	3	As	7.2	-5.3	27.8	35	+3	25	+6	60	0	27	18	144
FAIYÛM	02	7	18	1	1	5	As	6.4	42.0	11	02	7	00	0	0	0	—	7.2	-5.8	32.6	43	+8	19	+1	26	0	7	8	153
MINYA	02	8	22	2	1	4	Cs	6.4	42.2	12	01	6	14	2	1	3	Cs	7.8	-4.4	31.2	42	+8	27	+10	22	0	4	—	154
ASYÛT	00	7	18	2	0	0	—	6.3	42.4	16	02	6	12	3	1	4	As	8.2	-3.9	33.0	44	+9	24	+5	30	0	2	4	155
QENA	00	8	04	1	0	0	—	6.0	41.4	21	00	7	06	1	0	0	—	8.7	-2.0	31.8	42	+3	22	+2	34	0	dr	—	156
LUXOR	00	8	02	2	0	0	—	6.2	42.2	15	00	8	20	2	0	0	—	9.4	—	32.1	43	—	21	—	28	0	dr	—	157
ASWÂN	00	7	30	2	0	0	—	5.0	41.1	12	00	7	00	0	0	0	—	9.0	-1.7	30.0	42	+2	27	+4	39	0	1	—	158
SIWA	31	4	22	5	3	8	Cu	4.3	45.0	32	02	8	26	3	2	5	Cu	6.8	-6.8	28.0	46	+12	26	+10	63	0	7	8	148
BAHARIYA	00	9	12	1	0	0	—	6.3	43.1	24	01	9	12	1	1	3	—	7.0	—	37.0	44	—	23	—	35	0	1	—	149
KHÂRGA	00	8	12	2	0	0	—	6.2	42.9	28	00	8	00	0	0	0	—	8.8	-2.3	30.7	43	+4	24	+3	33	0	dr	tr	151
DÂKHLA	00	7	12	3	0	0	—	6.8	42.0	15	05	5	10	1	0	0	—	9.4	-2.6	30.3	43	+4	21	+2	19	0	dr	—	152
TOR	00	6	28	1	0	0	—	7.0	33.0	62	00	6	00	0	0	0	—	8.2	-2.2	36.2	36	+5	22	+2	35	0	20	13	145
HURGHÂDA	00	9	12	2	0	0	—	7.5	32.4	49	00	9	14	1	0	0	—	8.2	-2.5	32.7	35	+2	21	0	39	0	1	—	146
QUŞEIR	00	7	02	2	0	0	—	8.2	29.5	—	00	7	28	1	0	0	—	8.2	-3.6	36.7	32	0	24	0	23	0	tr	6	147
PORT SUDAN											03	—	28	3	3	6	—	9.3	+0.3	31.7	37	+2	31	+7	59	dr	81	109	169
WÂDI HALFA											00	8	02	3	0	0	—	6.8	-3.5	30.5	43	+3	23	+2	19	—	—	—	165
KAREIMA											05	7	26	2	1	0	—	8.0	-0.9	32.9	42	0	26	+2	30	0	1	3	166
ATBARA											00	—	16	2	0	0	—	8.2	+0.4	32.8	38	-4	27	+2	32	0	6	6	167
KHARTÛM											02	8	18	3	1	5	Ac	8.1	+0.1	30.4	36	-6	25	0	41	0	13	7	168
KASSALA											03	8	14	3	1	6	As	8.3	+0.3	26.4	36	-5	23	-2	69	dr	39	21	170
WAD MEDANI											03	—	14	4	5	6	—	8.2	+0.3	29.3	36	-6	26	+2	46	dr	26	23	171
DUEIM											03	—	—	3	2	6	—	8.2	-0.6	29.4	37	-4	25	+2	64	0	25	21	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	8.7	-0.7	28.3	38	0	22	-1	57	dr	78	92	172
EL OBEID											02	8	16	3	0	5	AcCc	7.5	-2.1	28.4	37	-2	25	+3	63	0	22	30	174
EL FASHER											01	8	12	3	0	3	Sc	—	—	26.6	37	-1	20	0	20	0	5	13	175
GENEINA											00	8	00	0	0	0	—	—	—	25.0	39	—	18	—	47	0	42	—	179
KADUGLI																												—	187
MALAKAL											03	8	06	1	5	7	As	6.1	-1.1	23.4	32	-3	22	-1	88	tr	243	176	176
WÂU											50	—	28	1	6	8	—	9.0	-0.8	22.0	34	-1	21	0	91	9	229	330	177
JÛBA											03	8	20	1	1	7	Sc	10.8	-1.1	24.2	27	-6	21	0	91	16	520	365	178

UPPER WINDS (الرياح العليا)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	CAIRO 8 h. m.	HELWÂN 8 h. 30 m.	ASYUT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 5 h. m.	KHARTÛM 7 h. m.	KASSALA 5 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA h. m.	SALUM 20th 13 h. m.
02.34.40	02.32.50		02.19.50	02.18.15	02.16.30	02.10.05	03.05.15	06.18.25	06.16.30	06.19.15	07.20.30	06.24.10		02.22.55
05.35.15	05.32.30		05.20.65	05.19.50	05.16.35	05.10.20	06.06.25	10.14.15	10.17.25	10.24.—	10.18.25	10.20.10		05.22.50
10.30.25	10.36.10		10.22.80	08.20.55	10.15.30	10.08.25	10.04.35	15.07.15	15.18.20	15.21.15	15.12.20	15.03.10		
15.29.45	15.13.20		13.23.65	10.21.60	15.18.15	15.06.35	15.04.25	20.05.25	20.14.10	20.22.30	20.06.30	20.02.10		
20.28.55	20.15.10			15.22.80	20.20.05	20.07.55	20.05.25	21.05.30	30.03.20		30.05.45	22.05.10		
25.26.35				20.24.50			25.06.25		40.02.50		39.02.50			
28.23.35				22.24.70			30.06.30							

Forecast for 24 hours from noon on 21st
Fresh southwesterly winds, strong at times, veering during the day to west or northwest. Much high cloud today, some low cloud tomorrow. Light rain near the coast. Heat wave breaking this evening. Much cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢١
رياح جنوبية غربية قوية شديدة أحيانا وتتحول اليوم
إلى غربية أو شمالية غربية يكثر السحاب العالي اليوم
ثم تظهر بعض السحاب المتقطع باكر
يتساقط مطر خفيف بالقرب من الساحل
تنتهي الموجة الحارة هذا المساء ويبرد الطقس كثيرا باكر

STATION	Mean of day: Humidity % on 20th	Humidity Diff. from normal	Wet bulb temp °C on 20th	Wet bulb Diff. from normal
Alexandria	36	-34	21.9	+4.1
Ezbekiya	24	-29	20.4	+0.8
Giza	33	-19	20.7	+2.1
Helwan	9	-30	18.7	+2.8

Giza Grass minimum on 21st 18.8 °C

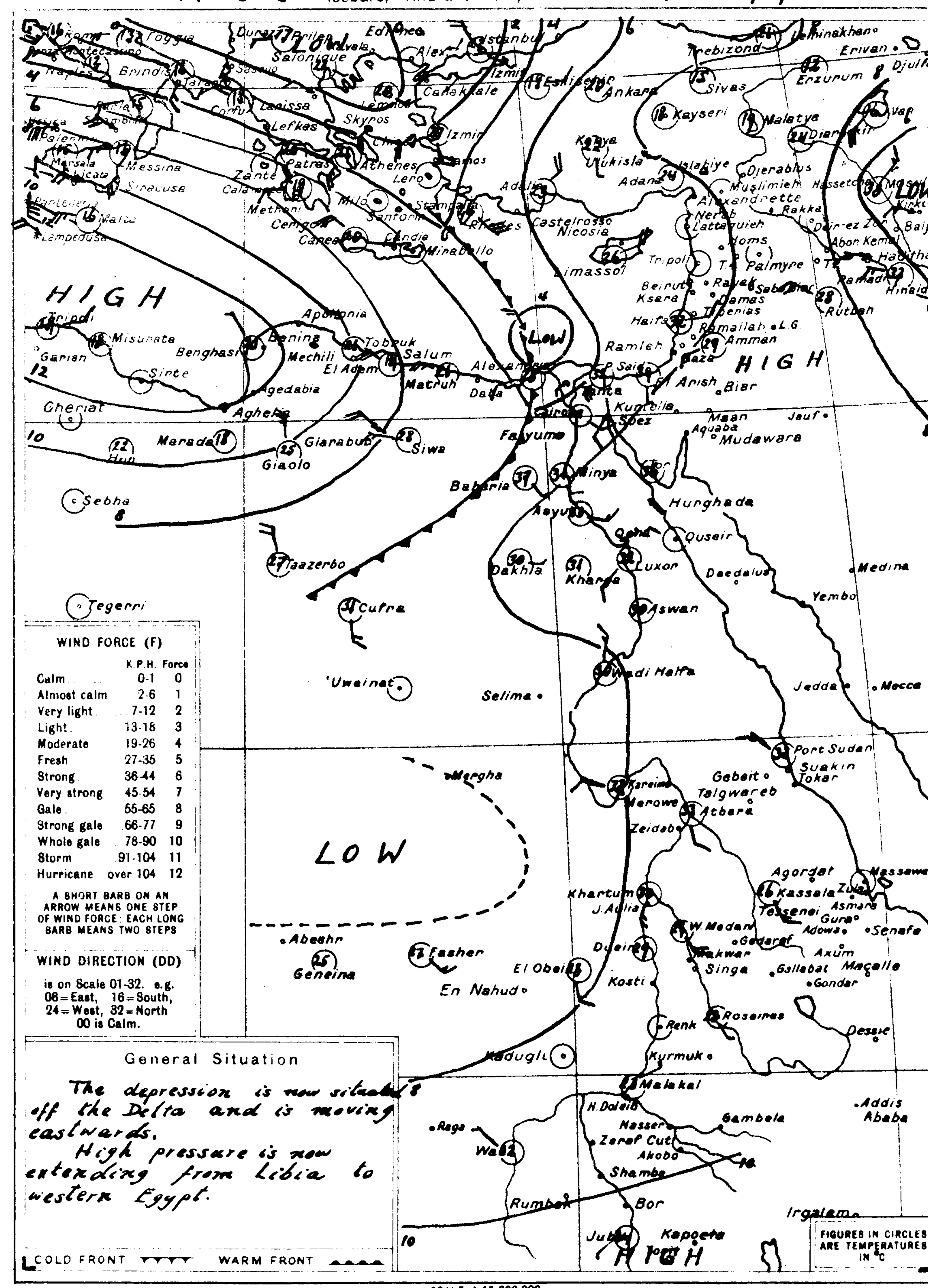
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
21-5	1319	1146
20-5	1261	1123

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-5	13.80	+0.26	13.80	+0.26
Nasser	20-5	7.23	+0.86	7.14	+0.81
Malakâl	21-5	10.79	+0.58	10.76	+0.56
Roseires	21-5	12.37	+0.49	12.34	+0.36
Sennâr Res.	20-5	11.93	—	12.20	—
J. Aulia U.S	20-5	371.50	—	371.57	—
J. Aulia D.S	20-5	371.07	+0.17	371.10	+0.20
Khartûm	20-5	10.46	+0.29	10.49	+0.33
Kh. el Girba					
'Atbara	20-5	10.18	+0.17	10.16	+0.15
Kajnarti	20-5	132.51	+0.56	132.55	+0.61
Aswân Res.	21-5	118.78	—	118.90	—
Aswân D.S.	21-5	86.42	+0.60	86.36	+0.55
Rôda (Cairo)	21-5	15.82	+0.34	15.82	+0.34

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 21-5-1939 ٢١-٥-١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

The depression is now situated off the Delta and is moving eastwards.
High pressure is now extending from Libia to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

At 8 h. on 21st — الساعة ٨ يوم ٢١

STATION محطة	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff from norm °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms
Limassol	03	6	06	4	2	8	—	6.2	-6.1	26	—	—	—	—	—	0	603	452
Haifa	02	—	08	2	—	5	—	8.8	-1.7	31.6	32	+4	18	+1	49	0	552	644

SHIPS سفن: 13327 29506 29305 06775 30006 21717 76301

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

CAIRO
Time of Sunrise h 04 m 37
,, ,, Sunset h 18 m 46

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	14 h. 21.5 Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8 h. MONDAY 22nd Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C min	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	03	7	02	5	2	6	Ac	9.9	20.9	78	03	7	02	2	1	6	Ac	16.3	+2.1	18.4	31	—	16	—	77	0	81	—	130
MATRÛH	03	7	26	4	2	8	As	9.6	21.9	93	03	6	30	2	2	8	Sc	15.1	+1.4	20.9	32	+6	19	+3	90	0	122	159	131
DIKHEILA	05	7	28	4	1	4	Ci	9.1	24.3	89	03	7	28	4	2	8	As	15.6	—	21.1	29	—	20	—	90	0	94	—	150
ALEXANDRIA	01	8	28	4	2	3	Ac	8.3	26.8	59	03	8	32	4	2	8	As	15.2	+1.5	21.5	34	+7	20	+2	78	0	165	184	132
DAMIETTA											02	8	32	2	2	5	AC	13.0	—	22.5	40	—	21	—	80	0	70	106	159
PORT SAÎD	01	6	26	4	1	3	Ac	5.5	39.5	21	02	6	02	3	1	5	Ci	12.8	+0.7	23.6	40	+13	22	+3	82	0	64	79	134
EL 'ARÎSH	12	6	24	2	0	0	—	5.4	40.8	14	02	7	28	2	1	4	Ci	14.0	—	24.	45	—	21	—	77	0	130	92	135
LOWER EGYPT																													
DAMANHÛR											03	6	24	4	2	8	Cc	15.0	+1.2	23.2	37	+6	20	+5	75	0	29	102	136
MANSÛRA											02	7	02	1	1	4	Sc	13.5	—	23.6	42	+10	21	+5	75	0	46	54	137
TANTA	00	7	24	3	0	0	—	6.6	39.6	17	01	7	32	1	1	3	Ci	14.4	+0.5	23.9	40	+6	19	+3	71	0	41	42	138
ZAGÂZIG	01	8	20	3	1	2	Ci	5.6	42.3	18	01	7	02	1	1	2	Cs	14.6	—	25.4	42	+9	17	+1	72	0	31	28	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	05	7	18	3	2	7	Cs	6.0	43.7	20	05	7	06	3	2	5	Ac	14.0	—	25.0	44	—	20	—	70	0	18	—	141
CAIRO EZBEKÎYA	03	7	20	2	2	7	As	6.6	42.8	11	02	6	02	3	1	4	Ci	13.8	+1.1	25.0	43	+10	20	+3	67	0	23	26	—
CAIRO GÎZA	02	8	18	4	1	5	Cs	5.4	43.9	11	05	5	30	3	1	3	Cc	13.5	+0.2	24.0	44	+11	19	+4	75	0	23	27	—
HELWÂN	05	5	18	4	2	8	Ci	5.1	42.6	06	02	6	04	5	1	4	Ac	12.7	-0.3	25.9	44	+11	20	+2	41	0	26	29	143
SUEZ	03	8	20	2	2	6	Ac	6.4	42.3	13	00	7	30	3	0	0	—	13.8	+1.3	24.6	44	+11	21	+2	73	0	27	18	144
UPPER EGYPT																													
FAIYÛM	02	6	22	2	1	5	As	5.3	44.6	08	01	7	32	5	0	3	Ac	12.7	-0.3	25.0	45	+10	20	+2	58	0	7	8	153
MINYA	02	7	18	3	1	5	Cs	5.9	44.0	09	01	5	02	5	1	3	Ci	11.2	-1.0	25.3	45	+11	21	+4	59	0	4	—	154
ASYÛT	01	7	18	3	1	3	Cu	6.4	43.6	15	00	6	20	3	0	0	—	10.0	-2.0	29.2	45	+10	24	+5	45	0	2	4	155
QENA	00	8	02	1	0	0	—	7.0	41.3	22	00	7	32	1	0	0	—	9.5	-1.1	32.0	44	+5	23	+3	42	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	6.3	43.5	18	00	8	22	1	0	0	—	9.8	—	32.2	45	—	22	—	27	0	dr	—	157
ASWÂN	00	7	10	3	0	0	—	4.8	42.5	07	00	7	00	0	0	0	—	9.0	-1.6	30.8	44	+4	26	+3	21	0	1	—	158
WESTERN DESERT																													
SÎWA	00	8	00	0	2	0	—	6.7	40.2	54	01	8	06	1	1	4	Cu	14.7	+1.2	24.0	42	+8	18	+2	67	0	7	8	148
BAHARÎYA	02	7	12	4	3	5	—	6.0	44.0	30	00	9	32	2	0	0	—	12.4	—	26.3	46	—	20	—	59	0	1	—	149
KHÂRGA	00	8	12	1	0	0	—	5.9	43.9	24	00	8	00	0	0	0	—	8.7	-2.3	35.1	44	+5	25	+4	38	0	dr	tr	151
DÂKHLA	01	7	14	4	1	1	Ci	6.4	43.9	09	05	5	00	0	0	0	—	9.6	-2.4	32.9	45	+6	21	+2	18	0	dr	—	152
RED SEA																													
TÔR	01	6	16	2	0	1	Cc	7.5	36.5	48	00	5	28	3	0	0	—	9.5	-0.8	27.0	41	+10	25	+5	88	0	20	13	145
HURGHÂDA	01	9	10	2	1	3	Ci	7.5	37.4	39	00	9	30	4	0	0	—	9.8	-0.9	30.6	38	+5	22	+1	37	0	1	—	146
QUṢEIR	00	7	06	2	0	0	—	7.6	32.4	—	00	7	32	2	0	0	—	9.3	-2.4	32.4	37	+5	25	+1	46	0	tr	6	147
PORT SUDAN											02	—	32	5	2	4	—	7.1	-1.8	35.6	37	+1	32	+8	26	0	81	109	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	2	0	0	—	7.3	-2.9	31.5	44	+4	23	+2	14	—	—	—	165
KAREIMA											01	8	20	1	0	1	Ac	7.3	-1.5	34.8	42	-1	28	+4	28	0	1	3	166
'ATBARA											02	—	12	1	0	4	—	7.4	-0.4	33.3	40	-2	28	+3	27	0	6	6	167
KHARTÛM											02	8	00	0	1	5	Ac	7.2	-0.8	32.0	40	-2	27	+1	38	0	13	7	168
KASSALA											02	8	14	2	1	5	Ac	6.3	-1.8	31.2	36	-5	25	0	48	dr	39	21	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	16	5	1	4	—	6.6	-1.4	32.0	38	-4	25	+1	37	dr	26	23	171
DUEIM											02	—	—	3	1	4	—	7.0	-1.8	33.2	38	-3	27	+4	40	0	25	21	173
RENK																			—			—		—				—	182
ROSEIRES											00	—	18	1	0	0	—	7.2	-2.3	29.1	36	-2	24	+1	51	0	78	94	172
EL OBEID											25	8	00	0	1	7	Cu,As	6.7	-3.0	28.3	37	-2	25	+3	63	[illegible]	23	30	174
EL FÂSHER											01	8	00	0	0	2	Ac	—	—	27.6	38	0	22	+2	44	0	5	13	175
GENEINA											01	8	24	1	1	4	As,As	—	—	26.9	39	—	22	—	43	0	42	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											02	8	16	2	1	5	Ac,As	9.1	-1.6	27.0	34	-1	23	0	74	0	243	179	176
WÂU											03	—	16	3	1	7	—	8.0	-1.8	26.5	32	-3	22	+1	72	0	229	335	177
JÛBA											01	8	20	1	0	3	Ac	10.1	-1.8	26.0	31	-2	22	+1	84	0	520	368	178

At 14 h. on 21.5 — الساعة ١٤ يوم ٢١/٥ ; At 8 h. on MONDAY 22nd — الساعة ٨ يوم الاثنين ٢٢

UPPER WINDS — الرياح العليا يوم ٢٢ — ON 22nd

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 5 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA	Salum 21st 13 h.
02.35.15	02.33.20	03.34.20	02.03.20	02.05.45	02.29.15	02.36.15	03.04.10	06.17.25	06.12.15	06.19.20	07.21.20	06.20.20		02.36.[illegible]
05.34.20	05.34.15	05.34.20	05.04.30	05.36.15	05.32.05	05.09.40	06.16.30	10.15.15	10.11.20	10.18.10	10.19.20	10.19.20		05.31.30
10.31.45	10.32.40	10.34.20	10.03.45	08.02.20	10.19.10	10.09.35	10.07.35	15.11.15	15.09.25	15.07.20	15.10.30	15.16.10		10.31.25
15.25.25	15.26.35	13.30.15	15.26.20	10.03.10	15.14.10	15.10.35	15.07.30	20.07.10	20.06.15	20.05.25	20.09.25	20.08.15		15.27.65
	19.26.55	15.23.15	20.26.35	15.26.20			20.05.20	25.09.20	30.06.45	30.05.20	30.06.40	30.10.20		20.25.8[illegible]
	ant. Sc		25.25.30	20.24.30			27.04.30	28.07.15	40.05.55	40.10.35	40.05.35	33.11.25		22.22.55
			Tail	23.24.25						50.13.40	50.12.15			
				25.24.35										
				28.25.45										

Forecast for 24 hours from noon on 22nd
Moderate north to northeast winds, fresh at times.
Much medium cloud, decreasing tomorrow.
Slightly cooler tomorrow; temperature becoming normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٢
رياح معتدلة بين شمالية وشمالية شرقية تشتد أحيانا
يكثر السحاب المتوسط ثم يتناقص باكر
تهبط درجة الحرارة قليلا باكر فتصل الى معدلها

STATION	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp. °C on 21st	Diff. from normal
Alexandria	63	-8	20.8	+2.9
Ezbekiya	24	-30	19.9	+0.2
Giza	34	-18	20.8	+2.1
Helwân	18	-21	18.7	+2.7

Giza Grass minimum on 22nd 18.0 °C

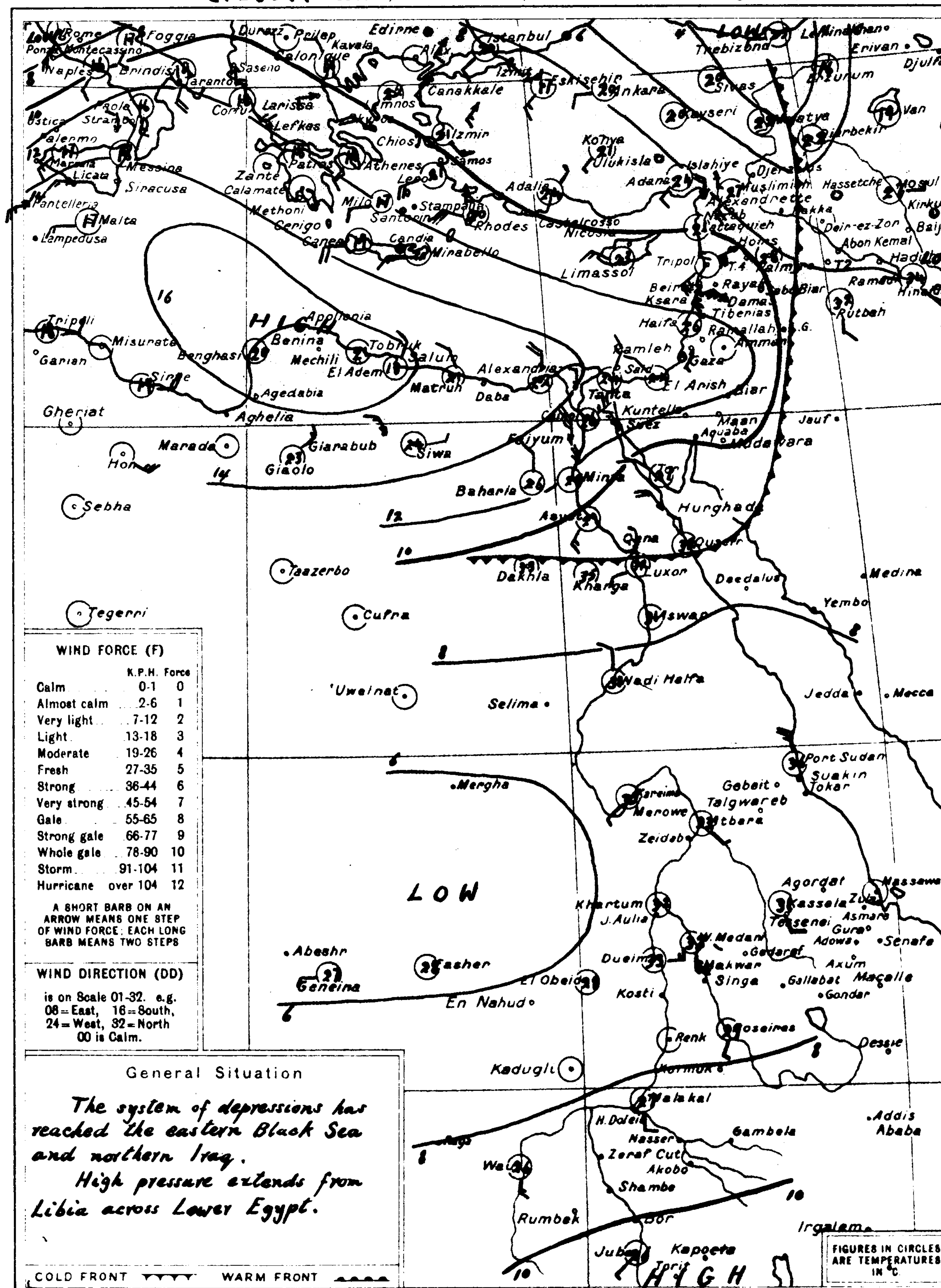
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1936
22.5	1319	1169
21.5	1319	1166

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-5	13.60	+0.04	13.42	-0.13
Nâsser	21-5	7.40	+0.98	7.23	+0.86
Malakâl	22-5	10.82	+0.60	10.79	+0.58
Roseires	21-5	12.51	+0.49	12.34	+0.36
Sennâr Res.	21-5	11.57	—	11.93	—
J. Aulia U.S	21-5	371.54	—	371.50	—
J. Aulia D.S	21-5	371.07	+0.16	371.07	+0.17
Khartûm	21-5	10.45	+0.27	10.46	+0.29
Kh. el Girba					
'Atbara	21-5	10.22	+0.22	10.18	+0.17
Kajnarti	21-5	132.46	+0.51	132.51	+0.56
Aswân Res.	22-5	118.68	—	118.78	—
Aswân D.S.	22-5	86.46	+0.63	86.42	+0.60
Rôda (Cairo)	22-5	15.82	+0.38	15.82	+0.34

Printed by the Survey & Mines Dept. 1938 (38/554)

٢٢-٥-٣٩ Isobars, Wind and Temperature at 8 h. 22-5-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The system of depressions has reached the eastern Black Sea and northern Iraq.
High pressure extends from Libia across Lower Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION المحطة	At 8 h. on 22nd Present Weather ww	V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	6	26	3	2	8	—	10.3	-1.9	23	—	—	—	—	—	0	603	453
Haifa	03	—	10	1	—	7	—	12.8	+1.9	25.1	40	+12	23	+6	66	0	552	644
Gaza	02	7	18	1	0	5	As	13.8	+2.7	24	—	—	20	+4	75	—	—	375
Gaza 2[illegible]	00	9	12	3	1	0	—	7.1	-4.8	32	—	—	24	+9	15	—	—	375
SHIPS سفن																		

الساعة ٨ يوم ٢٢

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.

PRESENT WEATHER (ww)
- Clear .00
- Partly cloudy .01
- Cloudy .02
- Overcast .03
- Low Fog .04
- Thin Haze .05
- Dust Devils .06
- Distant Lightning .07
- Light Mist or Haze .08
- Distant Fog .09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)
Objects not visible at
- 50 metres 0
- 200 ,, 1
- 500 ,, 2
- 1 Kilometre 3
- 2 ,, 4
- 4 ,, 5
- 10 ,, 6
- 20 ,, 7
- 50 ,, 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)
- Cirrus Ci
- Cirro-cumulus Cc
- Cirro-stratus Cs
- Alto-stratus As
- Alto-cumulus Ac
- Strato-cumulus Sc
- Stratus St
- Nimbus Nb
- Nimbo-stratus Ns
- Cumulus Cu
- Cumulo-nimbus Cb

CAIRO
Time of Sunrise 04 37
" " Sunset 18 46

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

١٩٣٩ - ٥ - ٢٣

At 14 h. on 22-5 الساعة ١٤ يوم ٢٢/٥

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
Salûm	03	8	06	2	2	7	Ac	16.2	20.7	64
Matruh	02	7	30	3	2	5	—	15.9	21.	87
Dikheila	01	8	30	4	1	4	Cs	16.2	22.0	87
Alexandria	02	8	02	4	2	4	Ac	15.9	23.6	68
Port Saîd	00	7	30	4	1	0	—	14.7	26.5	73
El Arish	01	7	32	2	1	3	Cu	14.3	25.2	74
Tanta	00	7	00	0	0	0	—	14.6	31.9	38
Zagâzig	01	8	02	1	1	3	Cs	14.2	33.6	37
Almâza	02	8	30	3	2	5	Cs	13.4	33.0	25
Ezbekiya	02	8	02	2	2	5	Ci	13.6	32.6	36
Gîza	02	8	30	2	1	5	Cs	13.3	32.2	41
Helwân	05	6	02	5	2	4	Cc	12.3	34.0	19
Suez	03	8	30	3	1	6	As	13.1	32.4	35
Faiyum	02	8	02	4	1	4	As	12.2	35.0	22
Minya	02	6	30	5	1	4	Cs	10.3	37.9	18
Asyût	00	6	22	3	0	0	—	9.1	42.5	20
Qena	00	8	18	1	0	0	—	7.9	43.4	23
Luxor	00	8	30	1	0	0	—	7.9	44.3	23
Aswân	00	7	16	5	0	0	—	5.3	46.0	07
Sîwa	01	8	06	1	1	3	Cu	12.3	36.0	38
Bahariya	00	9	32	2	0	0	—	11.9	37.0	12
Kharga	00	8	00	0	0	0	—	6.7	44.7	—
Dakhla	05	7	—	2	0	0	—	7.8	44.3	11
Tor	00	5	28	5	0	0	—	9.6	29.5	74
Hurghâda	00	9	02	3	0	0	—	9.5	32.4	50
Quseir	00	7	32	2	0	0	—	9.8	31.0	—

At 8 h. on TUESDAY 23rd الساعة ٨ يوم الثلاثاء ٢٣

Station	ww	V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station number
Salûm	03	7	04	4	2	7	St	16.2	+2.1	18.8	22	—	17	—	90	0	81	—	130
Matruh	02	7	04	2	2	5	Cu	15.0	+1.3	21.8	23	-3	18	+2	87	0	122	159	131
Dikheila	02	8	06	2	1	5	Ci	15.0	—	22.4	22	—	18	—	83	0	94	—	150
Alexandria	02	9	08	4	2	4	Ac	14.7	+1.1	23.0	25	-2	18	0	70	0	165	184	132
Damietta	01	8	08	2	1	3	Cc	14.6	—	24.0	26	—	20	—	67	0	70	106	159
Port Saîd	01	7	06	4	1	3	Cc	14.4	+2.4	23.7	27	0	20	+1	80	0	64	79	134
El Arish	00	7	00	0	1	0	—	15.4	—	23.8	27	—	16	—	71	0	130	92	135
Damanhûr	01	7	04	5	1	4	Ci	14.4	+0.7	24.3	30	-1	17	+2	67	0	29	102	136
Mansûra	01	8	02	2	1	3	Sc	14.6	—	25.0	33	0	18	+1	63	0	46	54	137
Tanta	00	8	04	1	0	0	—	14.6	+0.7	24.8	32	-2	16	-1	60	0	41	42	138
Zagâzig	01	7	04	2	1	2	Cs	12.8	—	25.9	34	+1	17	+1	53	0	31	28	139
Almâza	05	7	12	5	2	5	Cc	12.0	—	32.8	34	—	20	—	13	0	18	—	141
Ezbekiya	03	6	30	1	1	6	Ac	12.2	-0.5	29.7	35	+2	20	+3	29	0	23	26	—
Gîza	02	5	32	2	1	5	Cc	12.2	-1.1	28.0	34	+1	19	+4	39	0	23	27	—
Helwân	02	7	06	6	2	5	Cc	10.7	-2.2	32.0	35	+2	23	+5	06	0	26	29	143
Suez	02	8	28	1	1	5	As	13.5	+1.1	28.0	35	+2	19	0	43	0	27	18	144
Faiyum	01	7	02	2	0	3	Ac	11.5	-1.5	28.3	36	+1	20	+2	32	0	7	8	153
Minya	00	5	30	2	0	0	—	10.6	-1.5	26.0	39	+4	20	+3	44	0	4	—	154
Asyût	00	6	32	2	0	0	—	10.8	-1.2	31.0	43	+8	23	+4	45	0	2	4	155
Qena	00	7	04	3	0	0	—	10.2	-0.3	33.8	44	+5	28	+7	33	0	dr	—	156
Luxor	00	8	32	1	0	0	—	10.4	—	36.0	46	—	25	—	30	0	dr	—	157
Aswân	00	7	02	2	0	0	—	9.8	-0.7	31.8	46	+6	27	+4	18	0	1		158
Sîwa	00	8	06	1	0	0	—	11.5	-2.0	25.0	37	+3	19	+3	73	0	7	8	148
Bahariya	00	9	08	2	0	0	—	11.4	—	30.0	38	—	23	—	21	0	1	—	149
Kharga	00	8	04	1	0	0	—	9.6	-1.4	34.2	45	+6	28	+7	26	0	dr	tr	151
Dakhla	05	5	30	2	0	0	—	9.8	-2.1	31.6	46	+7	27	+8	25	0	dr	—	152
Tor	00	5	28	2	0	0	—	11.2	+0.9	27.5	30	-1	23	+3	84	0	20	13	145
Hurghâda	00	9	28	3	0	0	—	12.2	+1.6	31.4	34	+1	25	+4	28	0	1	—	146
Quseir	00	7	32	3	0	0	—	10.8	-0.9	30.5	33	+1	27	+3	62	0	tr	6	147
Port Sudan	02	—	02	4	0	4	—	7.5	-1.3	39.0	41	+5	34	+10	31	0	81	109	169
Wâdi Halfa	00	8	32	3	0	0	—	7.3	-2.9	33.8	44	+4	27	+6	22	—	—	—	165
Kareima	02	8	04	1	1	5	AsAc	7.6	-1.2	34.8	43	0	29	+5	24	0	1	3	166
Atbara	00	—	06	4	0	0	—	5.8	-1.9	38.0	42	0	30	+5	14	0	6	7	167
Khartûm	01	8	24	3	1	4	AcCs	6.5	-1.5	33.3	42	0	29	+3	39	0	13	7	168
Kassala	01	8	18	3	0	3	Ac	6.6	-1.6	31.4	41	0	27	+2	48	0	39	22	170
Wad Medani	02	—	24	5	1	4	—	7.0	-1.0	30.1	40	-2	26	+2	47	dr	26	24	171
Dueim	03	—	—	3	1	7	—	8.6	-0.2	26.4	38	-3	24	+1	61	2	27	21	173
Renk																		—	182
Roseires	00	—	22	1	1	0	—	10.3	+0.7	23.6	36	-2	23	0	74	dr	78	95	172
El Obeid	03	8	20	2	1	8	Ac,Ci	7.2	-2.5	27.3	37	-2	22	0	63	dr	23	31	174
El Fasher	02	8	10	3	1	5	Cu,Sc	—	—	27.2	37	-1	22	+2	49	dr	5	14	175
Geneina	01	8	28	3	1	3	Ac	—	—	26.0	38	—	23	—	55	dr	42	—	179
Kadugli																		—	187
Malakal	01	8	14	3	2	4	—	10.0	-0.8	24.7	35	0	21	-2	80	6	249	182	176
Wau	03	—	32	1	0	7	—	9.6	-0.3	25.2	33	-1	23	+2	71	0	229	339	177
Jûba	01	8	20	1	0	2	Ac	10.5	-1.4	24.6	31	-2	21	0	84	1	521	372	178

UPPER WINDS ON 23rd الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Salûm 7h	Matrûh 7h	Dikheila 8h	Cairo 8h	Helwân 8h 30m	Asyût 7h	Aswân 7h	Wâdi Halfa 7h	Kareima 7h	Khartûm 7h	Kassala 5h	El Obeid 7h	Malakal 7h	Jûba h	Salum 22nd 13h
02.05.20	02.08.25	02.08.40	02.09.25	02.09.65	02.12.25	02.02.15	03.05.15	06.08.35	06.26.40	06.07.10	07.24.25	06.23.20		02.08.10
04.03.35	05.09.40	05.09.45	05.08.65	05.09.35	05.09.40	05.07.40	06.09.30	10.08.35	10.28.40	10.08.20	10.22.35	10.23.25		05.05.10
	10.06.45	08.09.40	10.12.35	08.13.20	10.12.35	10.09.40	10.13.25	15.07.25	15.32.25	15.11.25	15.21.10	15.20.25		10.34.30
	15.11.45		15.18.20	10.16.10	15.12.25	15.09.55	15.11.25	20.08.15	20.06.20	20.11.40	20.07.25	20.15.20		15.30.30
			20.24.20	15.17.10	20.15.25		20.12.15	25.07.15	25.07.40	30.12.35	30.07.45	30.11.30		20.29.45
			25.23.35	20.23.30			30.11.15	30.08.25	30.06.50	40.11.40	40.05.85	40.11.40		25.28.60
			30.23.45	23.23.30			40.10.25	40.09.25	40.07.50	50.12.25		50.08.45		30.27.75
			35.23.45	25.22.40			41.10.35	50.15.15	50.06.40					35.26.80
			40.23.40	30.24.40				60.14.15	60.08.60					
				33.23.45				61.15.15	70.11.45					

Forecast for 24 hours from noon on 23rd
Moderate easterly winds, fresh inland at times.
Much medium and high cloud.
Temperature remaining much above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٣
رياح شرقية معتدلة تكون شديدة قوية أحيانا في الداخل
كثير السحاب المتوسط الارتفاع والعالي
تستمر درجة الحرارة فوق المعدل كثيرا.

Station	Mean of day: Humidity % on 22nd	Diff. from normal	Wet bulb temp °C on 22nd	Diff. from normal
Alexandria	78	+7	19.0	+1.0
Ezbekiya	54	0	20.8	+1.0
Giza	61	+9	20.9	+2.1
Helwân	36	-3	18.4	+2.4

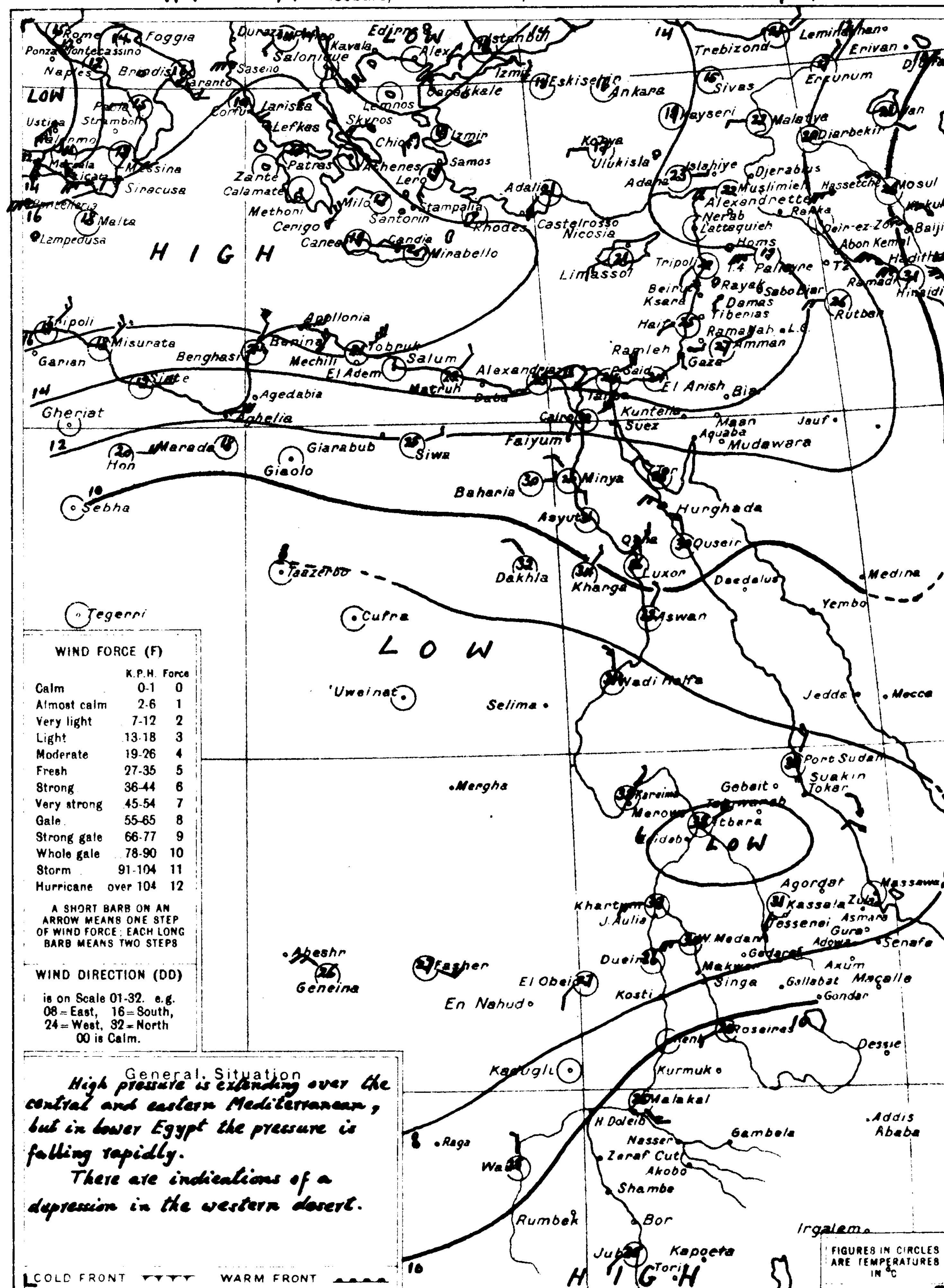
Giza Grass minimum on 23rd 16.4°C

Discharges at Aswân measured by sluices m³ per sec

Date	1939	1938
23-5	1319	1169
22-5	1319	1169

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	22-5	13.59	+0.02	13.60	+0.04
Nasser	22-5	7.43	+1.03	7.40	+0.98
Malakal	23-5	10.85	+0.60	10.82	+0.60
Roseires	23-5	12.93	+0.81	12.84	+0.77
Sennâr Res	22-5	10.78	—	11.57	—
J. Aulia U.S	22-5	371.54	—	371.54	—
J. Aulia D.S	22-5	371.06	+0.14	371.07	+0.16
Khartûm	22-5	10.46	+0.25	10.45	+0.27
Kh. el Girba					
Atbara	22-5	10.25	+0.27	10.22	+0.22
Kajnarti	22-5	132.44	+0.48	132.46	+0.51
Aswân Res.	23-5	118.55	—	118.68	—
Aswân D.S.	23-5	86.46	+0.62	86.46	+0.63
Rôda (Cairo)	22-5	15.86	+0.38	15.82	+0.34

Isobars, Wind and Temperature at 8 h. 23-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation
High pressure is extending over the central and eastern Mediterranean, but in lower Egypt the pressure is falling rapidly.
There are indications of a depression in the western desert.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 23rd الساعة ٨ يوم ٢٣

Station	ww	V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	22	3	0	0	—	14.4	+2.2	21	—	—	—	—	—	0	603	453
Haifa	01	—	22	1	—	3	—	15.8	+5.4	24.8	33	+5	18	+1	58	0	552	644
Gaza	00	9	08	1	4	0	—	16.6	+5.4	22	—	—	15	-1	75	—	—	375

SHIPS سفن

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)
Objects not visible at

50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 57
" " Sunset 18 47

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 23-5 ٥/٢٣ الساعة ١٤ يوم — At 8 h. on WEDNESDAY 24th الساعة ٨ يوم الاربعاء ٢٤

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	03	7	04	4	2	7	Cs	14.8	21.2	78	21	7	02	6	5	6	Cu	12.7	-1.4	19.7	22	—	17	—	84	dr	81	—	130
MATRUH	03	7	06	4	2	8	As	13.9	22.8	88	03	7	02	3	2	8	Sc	11.2	-2.5	23.1	23	-3	20	+4	76	0	122	159	131
DIKHEILA	14	7	04	7	1	5	Cs	13.6	22.7	90	02	7	06	5	1	5	Cs	11.2	—	26.3	26	—	21	—	63	0	94	—	150
ALEXANDRIA	02	9	08	6	2	5	Ac	13.0	25.0	66	02	8	08	6	2	4	Ac	10.7	-2.9	26.7	26	-1	21	+3	41	0	165	184	132
DAMIETTA											02	8	02	3	2	5	As	10.4	—	24.1	26	—	21	—	79	0	70	106	159
PORT SAID	01	7	02	7	1	3	Cc	13.4	24.8	79	02	7	04	5	1	4	Cs	10.6	-1.4	24.8	26	-1	22	+3	79	0	64	79	134
EL ARISH	18	7	02	5	0	3	Ci	13.4	25.2	70	00	7	00	0	0	0	—	10.6	—	26.2	28	—	18	—	50	0	130	92	135
LOWER EGYPT																													
DAMANHUR											01	7	32	4	1	4	Ci	10.8	-2.9	25.2	30	-1	19	+4	68	0	29	102	136
MANSURA											01	8	02	2	1	3	Ac	10.4	—	25.5	32	-1	20	+3	69	0	46	54	137
TANTA	01	7	32	2	0	3	Ci	12.4	33.0	37	00	8	32	2	0	0	—	10.7	-3.1	25.0	33	-1	18	+1	73	0	41	42	138
ZAGAZIG	00	8	04	5	0	0	—	11.8	32.8	36	01	8	02	2	1	3	Cs	10.4	—	27.4	35	+2	18	+2	66	0	31	28	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	05	7	04	6	2	5	Cs	10.0	40.3	16	05	6	04	2	2	5	Cs	9.4	—	30.0	42	—	20	—	29	0	18	—	141
EZBEKIYA	02	7	30	3	2	5	Ci	9.5	39.8	15	02	5	28	1	1	4	Ci	9.0	-3.6	27.8	41	+8	20	+3	37	0	23	26	—
GIZA	05	5	02	3	2	8	Ci	9.6	38.5	19	02	5	30	1	2	4	Ci	9.4	-3.9	26.3	40	+7	17	+2	46	0	23	27	—
HELWAN	05	6	00	0	1	6	Ci	8.2	42.6	07	05	5	00	0	2	4	Ci	9.5	-3.4	26.4	44	+11	18	0	53	0	26	29	143
SUEZ	02	9	00	0	1	5	As	12.6	38.1	24	09	6	02	1	0	1	—	9.5	-2.9	26.7	41	+8	21	+2	46	0	27	18	144
UPPER EGYPT																													
FAIYUM	02	8	14	2	1	5	Ac	8.7	44.0	13	01	7	06	1	0	3	Ac	9.0	-3.9	29.6	45	+10	19	+1	37	0	7	8	153
MINYA	00	7	24	3	1	0	—	7.9	44.9	12	01	5	32	2	1	3	As	8.3	-3.7	32.5	45	+10	20	+3	30	0	4	—	154
ASYUT	00	6	20	1	0	0	—	7.9	44.0	12	00	6	12	2	0	0	—	9.4	-2.5	35.1	47	+11	26	+7	24	0	2	4	155
QENA	00	7	08	4	0	0	—	7.4	44.8	22	00	7	10	1	0	0	—	9.4	-1.0	33.8	45	+6	24	+3	37	0	dr	—	156
LUXOR	00	8	06	3	0	0	—	7.0	45.8	26	00	8	02	2	0	0	—	9.4	—	36.1	47	—	24	—	20	0	dr	—	157
ASWAN	00	7	16	3	0	0	—	5.8	44.2	15	00	7	00	0	0	0	—	8.8	-1.7	34.7	46	+6	30	+7	26	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	06	2	0	0	—	8.7	37.7	49	00	8	00	0	0	0	—	10.2	-3.2	25.0	40	+6	19	+2	61	0	7	8	148
BAHARIYA	00	9	14	2	0	0	—	8.6	44.3	07	00	9	00	0	0	0	—	9.0	—	31.0	45	—	22	—	32	0	1	—	149
KHARGA	00	8	04	2	0	0	—	6.3	45.2	14	00	8	00	0	0	0	—	7.2	-3.7	36.8	46	+7	28	+6	22	0	dr	tr	151
DAKHLA	05	7	14	4	0	0	—	7.5	44.0	12	05	6	00	0	0	0	—	8.6	-3.3	35.3	46	+7	24	+4	22	0	dr	—	152
RED SEA																													
TOR	00	5	28	1	0	0	—	9.5	—	—	00	5	28	1	0	0	—	9.3	-0.9	28.0	36	+5	24	+4	88	0	20	13	145
HURGHADA	00	9	04	1	0	0	—	10.2	37.6	26	00	9	14	1	0	0	—	9.6	-0.9	33.2	39	+6	22	+1	44	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	10.3	33.0	55	00	7	26	1	0	0	—	9.5	-2.1	29.1	34	+2	25	+1	71	0	tr	6	147
PORT SUDAN											00	—	28	2	0	0	—	10.2	+1.5	37.0	42	+6	33	+9	27	0	81	109	169
NORTH SUDAN																													
WADI HALFA											01	8	04	1	0	1	Ac	6.1	-4.0	35.0	47	+7	28	+7	24	—	—	—	165
KAREIMA											18	6	20	5	1	3	Ac	7.7	-1.0	34.4	45	+2	31	+7	36	0	1	3	166
ATBARA											00	—	16	2	0	0	—	6.2	-1.5	35.3	46	+4	29	+4	23	0	6	7	167
KHARTUM											01	9	18	3	1	3	Ac	8.5	+0.5	31.4	44	+2	28	+2	48	0	13	7	168
KASSALA											00	8	18	2	0	0	—	9.6	+1.4	30.6	39	-2	27	+2	48	0	39	22	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	20	4	0	0	—	9.4	+1.3	31.4	39	-3	25	+1	41	0	26	24	171
DUEIM											00	—	—	3	0	0	—	10.2	+1.4	30.6	38	-3	26	+3	42	0	27	22	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	10.8	+1.2	25.3	35	-3	20	-3	73	5	83	97	172
EL OBEID											03	8	16	3	0	7	As,Cs	10.3	+0.6	25.4	39	0	23	+1	80	dr	23	31	174
EL FASHER											02	9	28	1	1	5	As,Ci	—	—	27.6	35	-3	25	+5	44	dr	5	14	175
GENEINA											01	8	06	3	2	4	Ac,As	—	—	23.9	33	—	20	—	75	dr	42	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL											03	8	08	2	2	7	Ac,Cs	12.0	+1.2	24.8	28	-7	20	-3	82	5	254	185	176
WAU											03	—	32	2	1	7	—	10.7	+0.8	24.0	34	0	22	+1	83	0	229	344	177
JUBA											00	8	00	0	0	0	—	11.6	-0.3	25.4	31	-2	21	0	84	3	524	375	178

UPPER WINDS — الرياح العليا يوم ٢٤ — 24th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.30	HELWAN 8 h.30	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 8 h.	MALAKAL 7 h.	JUBA h.	SALUM 23rd 13 h.
02.04.35	02.11.60	03.07.55	02.02.05	02.16.05	02.13.15	02.04.10	03.13.10	06.28.20	06.18.35	06.18.25	07.21.30	06.00.00		02.07.30
05.03.35	05.10.30	05.08.45	05.18.30	05.19.25	05.19.35	05.08.25	06.12.55	10.27.15	10.23.25	10.20.25	10.24.20	10.14.10		05.05.55
10.06.40		08.11.20		08.20.25	10.16.35	10.12.35	10.13.60	15.26.10	15.25.25	15.27.45	15.23.05	15.13.20		08.06.65
11.09.40		10.18.35		10.19.25	15.16.25	15.13.30	15.12.35	17.28.10	20.22.15	20.18.15	20.17.15	20.09.20		
15.12.35		11.19.55		15.20.15	20.16.30		20.09.10		25.14.10	30.03.30	30.15.10	30.07.35		
17.15.30		15.21.50		20.20.30			27.08.25		30.08.25		40.17.25	36.08.25		
20.20.30		20.21.55		23.20.30					40.08.50					
22.22.35		22.22.55		25.20.50					50.06.55					
				30.20.30					60.05.65					
				33.20.35					70.06.35					

Forecast for 24 hours from noon on 24th

Moderate northeast to east winds, fresh at times.
Some high cloud.
Temperature remaining much above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٤

رياح معتدلة بحرية شمالية شرقية وشرقية تشتد نوعا أحيانا

يظهر بعض السحاب العالي

تظل درجة الحرارة فوق المعدل كثيرا

STATION	Mean of day Humidity % on 23rd	Diff. from normal	Wet Bulb Temp °C on 23rd	Diff. from normal
Alexandria	66	-5	19.3	+1.2
Ezbekiya	36	-18	20.1	+0.2
Giza	41	-11	20.0	+1.1
Helwan	13	-26	17.8	+1.7

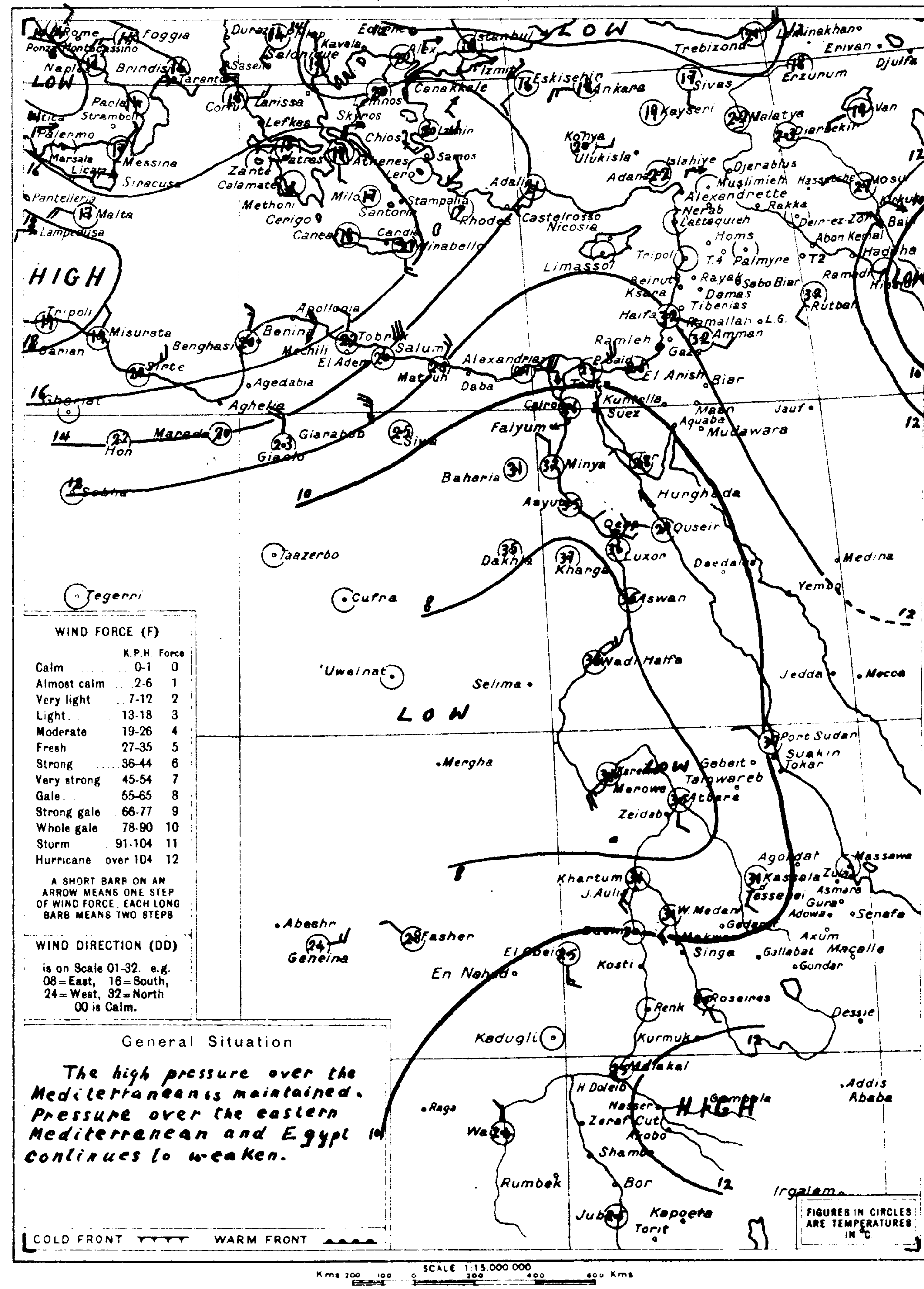
Giza Grass minimum on 24th 15.7 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
24-5	1319	1169
23-5	1319	1169

GAUGE	Date 1939	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Juba	24-5	13.40	-0.17	13.55	-0.03
Nasser	23-5	7.52	+1.04	7.48	+1.03
Malakal	24-5	10.88	+0.60	10.85	+0.60
Roseires	24-5	12.71	+0.55	12.93	+0.81
Sennar Res	23-5	10.46	—	10.98	—
J. Aulia U.S.	23-5	371.56	—	371.54	—
J. Aulia D.S.	23-5	371.09	+0.16	371.06	+0.14
Khartum	24-5	10.53	+0.26	10.50	+0.24
Kh. el Girba					
Atbara	23-5	10.24	+0.27	10.25	+0.27
Kajnarti	23-5	132.41	+0.45	132.44	+0.48
Aswan Res.	24-5	118.43	—	118.55	—
Aswan D.S.	24-5	86.46	+0.60	86.46	+0.62
Roda (Cairo)	24-5	15.88	+0.40	15.86	+0.38

٢٤-٥-٩٣٩ Isobars, Wind and Temperature at 8 h. 24-5-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

The high pressure over the Mediterranean is maintained. Pressure over the eastern Mediterranean and Egypt continues to weaken.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 24th — الساعة ٨ يوم ٢٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	43	5	14	1	4	9	—	12.3	+0.3	23	—	—	—	—	—	0	603	454
Haifa	02	—	10	1	—	4	—	11.5	+1.2	32.2	32	+4	21	+3	23	0	552	644
Gaza																	—	375
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 04 h 36 m
" " Sunset 18 h 47 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1939 ١٩٣٩ شهر مايو

At 14 h. on 24-5 (الساعة ١٤ يوم ٢٤/٥) — At 8 h. on THURSDAY 25th (الساعة ٨ يوم الخميس ٢٥)

At 14 h. on 24-5

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ m.b.s. PPP	Temp. °C TTT	% Humidity UU
SALŪM	02	8	02	5	1	4	Cs	13.1	21.0	82
MATRŪH	03	7	02	3	2	8	As	11.1	23.0	84
DIKHEILA	05	7	02	5	1	6	Ac	9.1	—	—
ALEXANDRIA	02	8	04	5	2	5	Ac	8.2	28.5	62
DAMIETTA										
PORT SAĪD	02	7	06	4	1	4	Cs	7.8	29.0	64
EL ʿARISH	03	7	02	4	1	6	As	7.6	30.4	44
DAMANHŪR										
MANṢŪRA										
TANTA	00	8	00	0	0	0	—	8.3	36.8	39
ZAGAZIG	01	8	30	2	1	2	Cs	7.2	38.9	34
ALMAZA	05	7	00	0	2	4	Cs	7.8	41.8	26
EZBEKIYA	02	6	28	1	1	5	Ci	6.8	42.5	24
GIZA	02	9	00	0	2	5	Ci	6.7	41.8	28
HELWAN	05	6	20	1	1	5	Ci	5.9	43.5	12
SUEZ	02	9	16	1	1	4	As	7.1	34.7	30
FAIYŪM	02	8	28	2	0	4	Ac	6.2	45.2	14
MINYA	01	6	20	4	1	2	Cu	5.9	45.4	11
ASYŪT	00	6	12	3	0	0	—	6.3	43.2	13
QENA	00	7	20	1	0	0	—	7.1	45.2	23
LUXOR	00	8	26	2	0	0	—	7.0	46.0	30
ASWĀN	01	7	00	0	1	3	Cu	4.8	47.0	13
SIWA	02	8	26	3	1	5	Sc	8.6	36.2	31
BAHARIYA	02	9	24	1	1	4	—	6.6	45.0	10
KHARGA	00	8	04	1	0	0	—	3.9	45.6	15
DAKHLA	02	8	14	5	1	4	Cu	6.4	45.7	16
TOR	00	5	16	2	0	0	—	7.2	36.0	55
HURGHADA	00	9	02	2	0	0	—	8.4	38.7	21
QUSEIR	00	7	02	2	0	0	—	9.0	31.4	—
PORT SUDAN										
WĀDI HALFA										
KAREIMA										
ʿATBARA										
KHARTŪM										
KASSALA										
WAD MEDANI										
DUEIM										
RENK										
ROSEIRES										
EL OBEID										
EL FASHER										
GENEINA										
KADUGLI										
MALAKAL										
WAU										
JUBA										

At 8 h. on THURSDAY 25th

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALŪM	03	7	30	4	2	6	Ci	15.9	+1.9	20.3					67	dr	81	—	130
MATRŪH	03	7	26	3	2	7	As	14.8	+1.1	21.5	25	−1	19	+2	87	0	122	160	131
DIKHEILA	03	7	32	4	2	7	Cs	13.8	—	22.1	37	—	21	—	88	0	94	—	150
ALEXANDRIA	03	9	—	3	2	6	Ac	13.0	−0.6	22.9	37	+10	21	+3	68	0	165	185	132
DAMIETTA	02	8	30	4	2	4	Ac	11.0	—	24.0	33	—	22	—	66	0	70	107	159
PORT SAĪD	02	7	28	4	1	4	Cs	10.6	−1.4	25.2	30	+3	23	+4	76	0	64	80	134
EL ʿARISH	02	7	24	2	1	5	Cu	9.5	—	27.0	38	—	21	—	68	0	130	93	135
DAMANHŪR	02	8	32	3	2	5	Ci	12.6	−1.0	25.9	40	+9	20	+4	54	0	29	103	136
MANṢŪRA	01	7	32	2	1	4	Ac	11.2	—	25.5	40	+7	21	+4	57	0	46	55	137
TANTA	01	8	32	3	1	3	Ci	12.3	−1.5	24.6	38	+4	19	+2	60	0	41	42	138
ZAGAZIG	01	8	30	4	1	3	Cc	12.2	—	26.3	39	+6	19	+3	63	0	31	29	139
ALMAZA	05	6	28	2	2	6	Cs	12.4	—	24.3	46	—	21	—	75	0	18	—	141
EZBEKIYA	03	6	30	2	2	6	Ci	11.4	−1.2	25.0	46	+13	21	+4	74	0	23	27	—
GIZA	03	6	30	4	2	6	Ci	11.4	−1.8	23.9	46	+13	20	+5	76	0	23	27	—
HELWAN	05	6	28	4	1	5	Ci	11.0	−1.9	23.7	47	+14	21	+3	70	0	26	29	143
SUEZ	02	7	32	4	1	4	As	10.6	−1.8	27.0	37	+4	24	+5	61	0	27	18	144
FAIYŪM	02	7	32	5	0	5	Ac	11.4	−1.5	24.8	47	+12	21	+3	64	0	7	8	153
MINYA	02	5	32	4	1	5	As	9.4	−2.5	27.3	46	+11	25	+8	61	0	4	—	154
ASYŪT	02	6	30	3	1	5	Sc	8.2	−3.7	32.0	45	+9	28	+8	43	0	2	4	155
QENA	00	7	08	1	0	0	—	7.6	−2.7	34.0	46	+7	25	+4	34	0	dr	—	156
LUXOR	00	8	30	1	0	0	—	7.9	—	35.2	47	—	25	—	31	0	dr	—	157
ASWĀN	00	7	00	0	0	0	—	7.9	−2.5	34.4	48	+8	30	+7	32	0	1	—	158
SIWA	01	8	00	0	1	4	Cu	16.0	+2.6	25.0	39	+5	18	+1	76	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	12.4	—	24.0	47	—	21	—	67	0	1	—	149
KHARGA	00	8	00	0	0	0	—	7.5	−3.3	36.4	47	+8	29	+7	25	0	dr	tr	151
DAKHLA	08	4	22	3	2	6	Cs	9.1	−2.7	34.0	47	+8	27	+7	36	0	dr	—	152
TOR	01	6	16	1	0	1	Ci	8.3	−1.8	31.8	38	+6	24	+3	70	0	20	13	145
HURGHADA	00	9	14	1	0	0	—	8.3	−2.1	34.0	40	+7	21	0	47	0	1	—	146
QUSEIR	00	7	12	2	0	0	—	8.6	−2.9	32.5	39	+7	25	+1	58	0	tr	6	147
PORT SUDAN	00	—	02	2	0	0	—	9.9	+1.3	36.0	40	+4	32	+8	39	0	81	109	169
WĀDI HALFA	01	8	16	2	1	3	Ac	6.3	−3.8	40.3	48	+8	34	+13	15	—	—	—	165
KAREIMA	18	6	28	1	0	0	—	7.5	−1.2	36.0	45	+2	27	+2	33	2	3	3	165
ʿATBARA	00	—	12	4	0	0	—	8.4	+0.7	35.0	44	+2	28	+3	15	0	6	7	167
KHARTŪM	01	8	20	2	1	4	Ac	7.9	−0.1	32.4	42	0	29	+3	43	0	13	7	168
KASSALA	00	8	14	3	0	0	—	9.2	+0.9	30.5	40	−1	24	−1	42	0	39	23	170
WAD MEDANI	00	—	18	4	0	0	—	7.5	−0.6	30.0	41	0	22	−2	51	7	33	24	171
DUEIM	00	—	—	3	0	0	—	7.8	−1.0	33.2	41	0	27	+4	42	dr	27	22	173
RENK									—			—		—				—	182
ROSEIRES	00	—	14	1	0	0	—	10.4	+0.7	22.3	38	0	23	0	83	10	93	99	172
EL OBEID	25	8	16	4	1	4	Ac, Ci	8.5	−1.2	29.6	39	0	24	+2	53	dr	23	31	174
EL FASHER	01	8	00	0	0	3	Ac, Ci	—	—	27.3	38	0	22	+2	49	0	5	14	175
GENEINA	01	8	00	0	1	3	Ac	—	—	23.5	37	—	19	—	83	5	47	—	179
KADUGLI																		—	187
MALAKAL	61	7	10	6	5	8	As, As	—	—	22.4	34	−1	22	0	94	1	255	187	176
WAU	02	—	32	1	0	4	—	9.3	−0.7	27.0	33	−1	22	+1	73	0	229	349	177
JUBA	00	8	24	1	0	0	—	10.8	−1.2	26.0	32	−1	22	+1	76	0	524	379	178

UPPER WINDS 25th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM 7 h	MATRŪH 7 h	DIKHEILA 7 h	CAIRO 8 h	HELWAN 8 h 30 m	ASYŪT 7 h	ASWĀN 7 h	WĀDI HALFA 5 h	KAREIMA 5 h	KHARTŪM 7 h	KASSALA 05 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	SALUM 14 h 13 h
02.36.15	02.30.25	02.01.45	02.35.20	02.34.35	02.29.15	02.07.10	03.04.15	06.12.15	06.20.35	06.25.25	07.21.35	06.13.25		02.04.25
05.05.20	05.03.45	05.01.50	05.04.40	05.01.40	05.12.15	05.12.05	06.07.25	10.13.20	10.21.20	10.33.20	10.20.10	10.14.35		05.07.45
10.01.25	10.01.40	10.02.40	07.36.15	08.06.10	10.19.25	10.19.45	10.08.25	14.12.25	15.29.20	15.13.25	15.27.05	15.14.25		10.05.50
16.33.45	15.36.35	15.32.35	09.04.10	10.06.10	15.18.25	15.19.25	15.08.20		20.35.25	20.12.30	20.05.05	20.11.15		13.30.20
20.30.50		20.28.25	10.07.05	15.18.15	20.20.25	20.15.20	20.09.20		25.03.40	30.11.50	29.03.05	30.09.10		15.23.10
25.25.60		25.26.35	12.14.10	20.22.15			30.11.25		30.04.45	40.01.15				17.18.20
30.25.80		30.24.40	15.18.15	23.24.25			36.11.20		40.05.65	50.33.20				20.21.20
31.25.80		35.24.50	17.22.10	25.25.30					50.06.75					23.21.20
			20.24.25	26.25.30					60.07.65					
			25.26.30						70.10.60					

Forecast for 24 hours from noon on 25th

Moderate winds between northwest and northeast, freshening.
Some medium and high cloud.
Possibly thunderstorms in Eastern Egypt.
Becoming gradually cooler.
Further outlook: Cooler; temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٥
رياح معتدلة بين شمالية غربية وشمالية شرقية ثم تشتد قوتها
تظهر سحب بين المتوسط الارتفاع والعالي
يحتمل حدوث عواصف رعدية في شرق القطر المصري
ستهبط درجة الحرارة تدريجيا
وفيما بعد تصل الى معدلها

Mean of day

Station	Humidity on 24th	Diff. from normal	Wet bulb temp. °C on 24th	Diff. from normal
Alexandria	64	−7	20.7	+2.5
Ezbekiya	40	−14	23.3	+3.3
Giza	41	−11	22.8	+3.9
Helwan	33	−6	21.5	+5.4

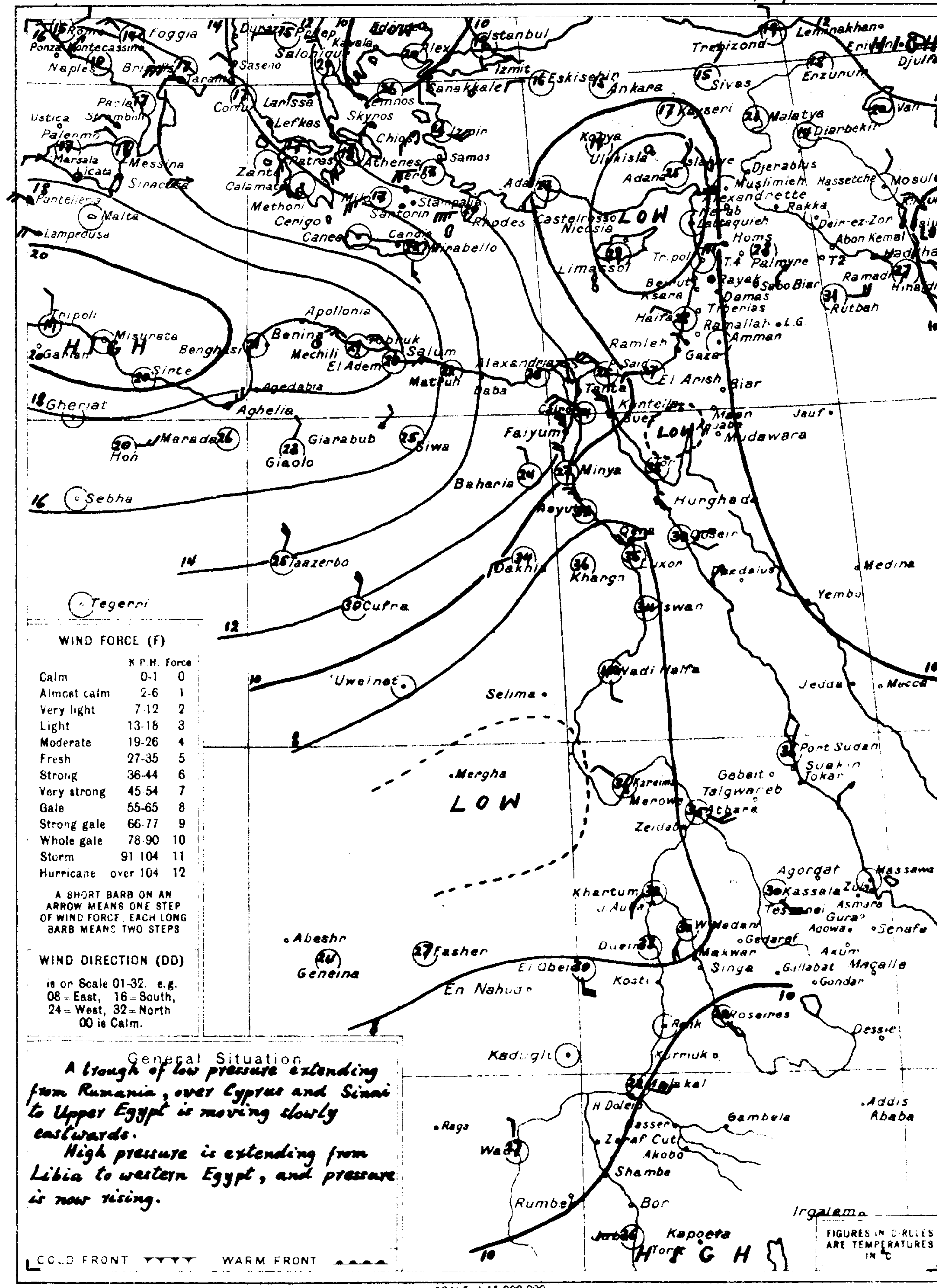
Giza Grass minimum on 25th 20.0 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
25-5	1319	1169
24-5	1319	1169

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	25-5	13.38	−0.18	13.40	−0.17
Nasser	24-5	7.59	+1.04	7.52	+1.04
Malakal	25-5	10.91	+0.59	10.88	+0.60
Roseires	25-5	12.87	+0.67	12.71	+0.55
Sennar Res	24-5	10.03	—	10.46	—
J. Aulia U S	24-5	371.58	—	371.56	—
J. Aulia D S	24-5	371.08	+0.14	371.09	+0.16
Khartum	25-5	10.53	+0.25	10.53	+0.26
Kh el Girba					
Atbara	24-5	11.22	+0.26	10.24	+0.27
Kajnarti	24-5	132.39	+0.43	132.41	+0.45
Aswan Res	25-5	118.31	—	118.43	—
Aswan D S	25-5	86.46	+0.58	86.46	+0.60
Roda (Cairo)	25-5	15.88	+0.41	15.88	+0.40

Isobars, Wind and Temperature at 8 h. 25-5-1939 ١٩٣٩-٥-٢٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

A trough of low pressure extending from Rumania, over Cyprus and Sinai to Upper Egypt is moving slowly eastwards.
High pressure is extending from Libia to western Egypt, and pressure is now rising.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 25th (الساعة ٨ يوم ٢٥)

Station (محطة)	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	03	6	00	0	2	7	—	8.0	−3.9	29	—	—	—	—	—	0	603	454
Haifa	02	—	26	1	—	5	—	9.1	−1.1	28.4	34	+6	25	+7	48	0	552	644
Gaza	02	8	30	2	0	4	Ac	7.5	−3.6	28	—	—	22	+6	55	—	—	375
SHIPS (سفن)																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick cloud or haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	[illegible]
50	[illegible]
Visible over 50 K.ms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. m. 04 56
" " Sunset 18 48

Month MAY, 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 25th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on FRIDAY 26th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	02	8	02	3	1	4	Ci	16.8	21.4	54	01	7	30	3	0	3	Cu	18.8	+4.8	18.5	22	—	15	—	75	0	81	—	130
MATRÛH	03	7	30	3	2	6	As	15.8	22.3	86	01	7	26	3	1	4	Cu	17.6	+4.0	20.4	23	-3	19	+2	83	0	122	160	131
DIKHEILA	03	8	30	4	2	6	Cs	15.0	22.7	88	01	8	28	3	1	1	Sc	17.5	—	21.2	23	—	20	—	84	0	94	—	150
ALEXANDRIA	02	9	02	3	2	5	Ac	14.7	25.0	61	00	4	32	2	0	0	—	17.5	+4.0	21.4	26	-1	20	+1	70	0	165	185	132
DAMIETTA											01	8	26	2	2	1	Ac	16.2	—	23.2	26	—	18	—	64	0	70	107	159
PORT SAÎD	02	7	28	5	1	4	Cs	12.3	27.0	61	00	7	30	2	1	0	—	16.2	+4.3	23.4	28	+1	21	+1	68	0	64	80	134
EL 'ARISH	01	7	30	3	1	4	Cu	13.1	26.9	63	02	7	00	0	1	4	As	16.4	—	23.6	31	—	21	—	70	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											00	8	32	3	0	0	—	17.5	+3.9	23.7	30	-1	16	0	68	0	29	103	136
MANSÛRA											00	8	32	2	0	0	—	16.7	—	23.0	32	-1	19	+2	63	0	46	55	137
TANTA	01	7	32	4	1	3	Ci	13.1	31.5	30	00	8	30	1	0	0	—	17.2	+3.5	23.3	32	-2	16	-1	63	0	41	42	138
ZAGÂZIG	01	8	02	4	1	2	Ci	12.7	31.9	27	01	8	30	3	1	2	Ci	18.4	—	24.4	32	-1	17	+1	64	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	05	7	02	4	2	6	Cs	12.4	32.7	30	01	8	02	3	1	2	Cs	16.4	—	23.5	33	—	20	—	62	dr	18	—	141
CAIRO EZBEKIYA	03	6	02	3	2	6	Ci	11.5	33.5	31	01	6	32	3	0	2	Ac	16.2	+3.6	23.8	34	+1	20	+2	61	dr	23	27	—
CAIRO GÎZA	03	8	30	3	2	6	Ci	11.5	33.2	34	01	6	30	1	1	3	Ci	16.4	+3.2	23.4	34	0	18	+2	58	0	23	27	—
HELWÂN	05	6	32	4	2	6	Cc	10.8	33.1	25	01	7	32	5	1	2	Ac	15.2	+2.3	24.9	38	+5	20	+2	29	0	26	29	143
SUEZ	02	9	32	4	1	5	As	10.6	32.8	35	02	8	32	2	1	5	As	15.4	+3.1	24.0	34	+1	21	+2	42	0	27	18	144
UPPER EGYPT																													
FAIYÛM	02	7	32	5	0	5	Ac	10.0	35.2	26	01	7	32	5	0	3	Cu	15.8	+2.9	24.5	36	+1	20	+2	39	0	7	8	153
MINYA	00	6	32	5	0	0	—	8.0	36.2	32	02	6	02	4	2	5	As	14.2	+2.3	24.5	37	+2	23	+6	36	0	4	—	154
ASYÛT	02	6	22	3	1	4	Cu	5.9	43.1	22	02	5	28	4	1	5	Sc	11.2	-0.6	26.6	44	+8	24	+4	24	0	2	4	155
QENA	00	8	12	2	0	0	—	5.9	46.0	23	02	7	04	2	1	5	Ac	9.6	-0.6	32.8	47	+8	28	+7	36	0	dr	—	156
LUXOR	00	8	22	2	0	0	—	5.6	46.8	29	01	8	02	2	1	3	Cc	9.5	—	35.2	48	—	27	—	33	0	dr	—	157
ASWÂN	00	7	32	1	0	0	—	4.3	47.0	13	00	7	32	3	0	0	—	8.7	-1.7	32.8	47	+7	30	+7	30	0	1		158
WESTERN DESERT																													
SÎWA	00	8	00	0	1	0	—	14.8	35.0	37	00	8	00	0	0	0	—	18.8	+5.5	22.0	36	+2	16	-1	73	0	7	8	148
BAHARÎYA	03	9	32	3	2	7	—	10.8	34.9	24	00	9	32	1	0	0	—	15.9	—	23.0	36	—	19	—	48	0	1	—	149
KHARGA	00	9	20	1	0	0	—	4.8	45.5	14	00	8	04	3	0	0	—	11.5	+0.7	29.6	47	+8	26	+4	28	0	dr	tr	151
DAKHLA	03	4?	30	4	2	6	Cs	7.5	39.3	32	03	4?	30	5	2	6	Cs	12.8	+1.0	29.2	44	+5	26	+6	36	0	dr	—	152
RED SEA																													
TOR	01	6	28	3	0	3	Cb	7.9	36.0	57	03	6	28	7	1	7	As	10.3	+0.3	25.5	36	+4	24	+3	88	0	20	13	145
HURGHÂDA	01	9	06	2	1	4	Cc	7.2	35.8	37	02	9	30	5	1	5	Ci	10.7	+0.3	29.6	38	+5	26	+4	67	0	1	—	146
QUSEIR	00	7	12	2	0	0	—	7.9	34.0	—	00	7	32	4	0	0	—	9.5	-1.9	30.1	36	+4	27	+3	60	0	dr?	6	147
PORT SUDAN											00	—	04	2	0	0	—	6.2	-2.3	37.0	43	+7	33	+9	39	0	81	109	169
SUDAN																													
WADI HALFA											05	6	32	3	0	0	—	6.9	-3.1	34.2	49	+9	30	+8	31	—	—	—	165
KAREIMA											05	7	28	2	0	0	—	6.9	-1.8	34.0	45	+2	26	+1	31	0	3	3	166
'ATBARA											00	—	16	2	0	0	—	6.2	-1.4	34.8	45	+3	25	0	12	0	6	7	167
KHARTUM											00	8	32	3	0	0	—	6.1	-1.9	35.0	44	+2	29	+3	32	0	13	7	168
KASSALA											00	7	16	4	0	0	—	6.4	-1.9	30.7	42	+1	28	+3	32	0	39	23	170
WAD MEDANI											00	—	24	4	0	0	—	6.8	-1.3	33.4	41	0	25	+1	31	0	33	25	171
DUEIM											00	—	—	3	0	0	—	7.4	-1.5	32.2	42	+1	27	+4	39	0	27	22	173
RENK																			—		—		—	—					182
ROSEIRES											00	—	18	1	0	0	—	8.3	-1.5	30.3	38	0	25	+2	46	0	93	100	172
EL OBEID											00	8	24	3	0	0	—	7.6	-2.1	27.8	38	-1	23	+1	44	dr	23	32	174
EL FASHER											03	8	00	0	1	6	Cu,Sc	—		25.0	39	+1	21	0	68	12	17	14	175
GENEINA											02	8	28	1	2	5	Ac,As	—		24.5	39	—	20	—	61	0	47	—	179
KADUGLI																													187
S. SUDAN																													
MALAKAL											21	8	28	3	5	4	Ac	10.4	-0.5	25.2	33	-2	22	0	76	4	259	190	176
WÂU											00	—	28	1	0	0	—	9.3	-0.7	24.8	35	+1	22	+1	77	0	229	353	177
JUBA											01	8	00	0	0	2	Ac	10.6	-1.4	26.0	33	0	23	+2	76	0	524	382	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h	MATRÛH h m	DIKHEILA 7 h	CAIRO h m	HELWÂN h m	ASYÛT h m	ASWÂN h m	WÂDI HALFA 7 h	KAREIMA 7 h	KHARTÛM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 6 h	JUBA h m	Salum 25th 13 h
02.34.15		02.33.10					03.04.25	06.14.25	06.28.45	06.18.35	07.26.20	06.27.20		02.36.15
05.33.30		05.33.15					07.02.35	10.15.25	10.29.25	10.14.20	10.27.35	10.22.20		05.19.35
10.29.40		10.33.30					10.07.20	15.12.20	15.28.35	15.07.05	15.28.10	16.19.30		10.33.05
15.28.50		15.31.35					15.35.10	20.10.20	20.29.35	20.06.05	20.04.20	20.18.20		15.28.25
17.28.40		18.29.65					20.36.10	25.09.25	25.29.25	30.06.05	30.06.50	30.06.25		20.30.40
							25.08.10	30.08.30	30.29.30	40.11.20	40.10.50	40.08.40		25.30.55
							30.09.05	40.06.30	40.22.35			47.07.50		30.26.65
							40.09.10	50.05.40	50.25.25					
							50.10.15	60.06.40	55.26.15					
							60.13.15	70.08.15						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day — Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	64	+7	18.9	+0.6
Ezbekiya	54	0	20.3	+0.3
Giza	54	+2	20.0	+1.0
Helwân	45	+6	18.4	+2.2

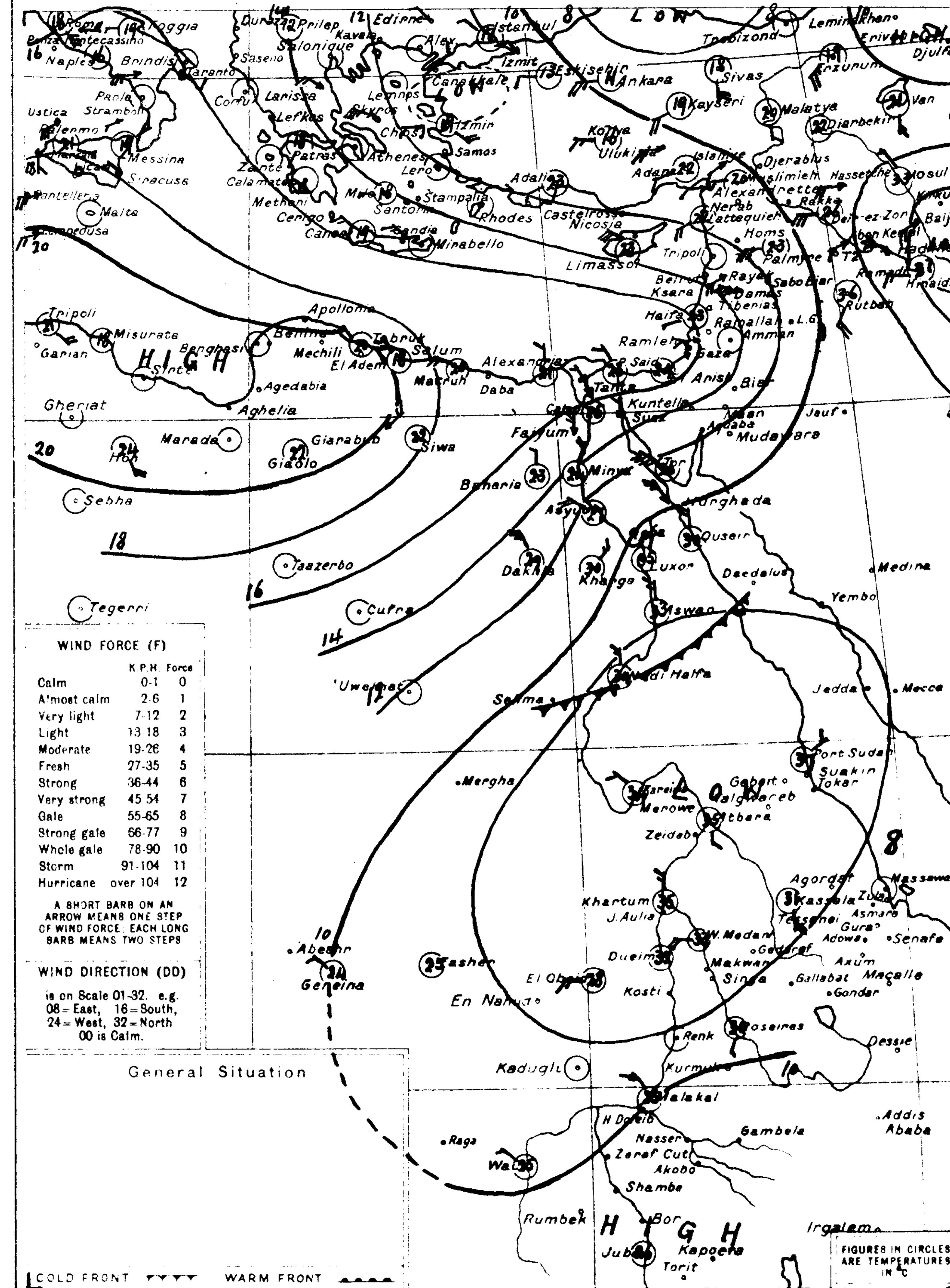
Giza (grass minimum) on 26th 16.8 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
26-5	1354	1180
25-5	1319	1169

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	25-5	13.38	-0.18	13.40	-0.17
Nasser	24-5	7.59	+1.04	7.52	+1.04
Malakal	25-5	10.91	+0.59	10.88	+0.60
Roseires	25-5	12.87	+0.67	12.71	+0.55
Sennar Res.	26-5	9.44	—	9.44	—
J. Aulia U.S.	26-5	371.58	—	371.56	—
J. Aulia D.S.	26-5	371.08	+0.14	371.09	+0.16
Khartûm	25-5	10.53	+0.25	10.53	+0.26
Kh. el Girba					
Atbara	24-5	10.22	+0.26	10.24	+0.27
Kajnarti	26-5	132.36	+0.41	132.36	+0.40
Aswân Res.	26-5	118.16	—	118.31	—
Aswân D.S.	26-5	86.50	+0.60	86.46	+0.58
Rôda (Cairo)	25-5	15.88	+0.41	15.88	+0.40

Isobars, Wind and Temperature at 8 h. 26-5-1939. ٢٦-٥-١٩٣٩



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

Kms 200 100 0 200 400 600 Kms — SCALE 1:15 000 000

STATION محطة	At 8 h. on 26th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	7	26	6	0	2	—	12.4	+0.5	23	—	—	—	—	—	0	603	455
Haifa	02	—	22	1	—	3	—	15.5	+5.3	23.3	34	+5	21	+3	63	0	552	644
Gaza	03	6	30	1	2	8	As	16.3	+5.3	22	—	—	19	+3	65	—	—	375
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 — ABROAD P.T. 150

Printed by the Survey & Mines Dept. 1938-38-5541

CAIRO
Time of Sunrise 04 h 35 m
Sunset 18 h 48 m

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 26-5. الساعة ١٤ يوم ٢٦/٥

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
SALUM	01	8	04	3	0	1	Cu	18.2	20.2	69
MATRUH	00	7	28	4	0	0	—	17.2	21.7	84
DIKHEILA	01	8	28	3	1	2	Sc	17.2	21.4	87
ALEXANDRIA	00	9	30	5	0	0	—	16.8	24.0	59
DAMIETTA										
PORT SAID	00	7	30	5	0	0	—	15.6	26.2	61
EL ARISH	00	7	32	2	1	0	—	15.4	24.2	64
DAMANHUR										
MANSURA										
TANTA	00	8	[illegible]	3	0	0	—	15.5	30.0	36
ZAGAZIG	01	8	[illegible]	3	1	2	Cs	14.8	30.7	35
ALMAZA	00	8	32	3	0	0	—	14.7	30.7	44
EZBEKIYA	00	[illegible]	04	4	0	0	—	14.3	31.3	32
GIZA	00	[illegible]	30	2	1	0	—	14.3	30.7	36
HELWAN	[illegible]	7	30	5	0	0	—	14.0	30.5	22
SUEZ	[illegible]	9	32	4	0	0	—	13.5	29.2	27
FAIYUM	00	8	32	4	0	0	—	13.6	32.2	20
MINYA	02	5	04	6	1	4	Cs	12.0	33.1	20
ASYUT	02	5	28	5	1	5	Sc	10.4	35.8	13
QENA	02	7	22	5	2	5	Cs	7.0	41.2	29
LUXOR	03	8	30	3	2	6	Ci	7.4	41.5	23
ASWAN	00	7	02	5	0	0	—	4.3	45.0	09
SIWA	00	8	00	0	1	0	—	16.4	32.0	60
BAHARIYA	00	9	32	1	0	0	—	14.4	32.0	30
KHARGA	05	5	32	4	2	8	Cs	9.6	34.5	25
DAKHLA	30	3	02	5	3	4	Ci	10.4	36	44
TOR	01	5	28	5	2	4	Cb	8.6	28.1	65
HURGHADA	31	—	30	5	3	6	Sc	9.3	31.4	54
QUSEIR	01	7	32	4	1	4	AC	9.3	31.5	51

At 8 h. on SATURDAY 27th الساعة ٨ يوم السبت ٢٧

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	01	8	32	1	0	3	Cu	15.9	+1.9	18.0	21	—	13	—	76	0	81	—	130
MATRUH	01	7	26	2	1	4	Cu	15.2	+1.6	19.6	22	-4	15	-2	86	0	122	160	131
DIKHEILA	01	8	28	3	1	3	Cu	16.4	—	21.2	22	—	19	—	78	0	94	—	150
ALEXANDRIA	01	9	32	1	2	3	Ac	15.1	+1.6	20.3	25	-2	18	-1	65	0	165	185	132
DAMIETTA	01	8	22	1	2	4	Cu	14.3	—	22.6	24	—	16	—	59	0	70	107	159
PORT SAID	01	7	28	3	1	3	Ac	14.6	+2.7	23.1	27	0	19	-1	62	0	64	80	134
EL ARISH	01	7	00	0	1	4	Cu	14.4	—	24.7	27	—	16	—	51	0	130	93	135
DAMANHUR	02	8	24	3	2	4	Cu	15.2	+1.7	22.2	27	-4	16	0	63	0	29	103	136
MANSURA	01	8	30	1	1	3	Sc	15.0		22.0	30	-3	16	-1	60	0	46	55	137
TANTA	01	8	30	1	1	3	Cu	15.2	+1.5	21.8	30	-4	14	-3	64	0	41	43	138
ZAGAZIG	02	8	30	1	1	4	Cc	14.8	—	22.9	32	-1	13	-3	59	0	31	29	139
ALMAZA	05	7	02	1	0	4	Cu	15.6	—	21.2	32	—	16	—	68	0	18	—	141
EZBEKIYA	02	6	32	2	1	4	Cu	14.8	+2.3	21.7	33	0	17	-1	63	0	23	27	—
GIZA	02	7	30	1	1	5	Cu	15.1	+2.0	20.5	33	-1	15	-1	69	0	23	27	
HELWAN	01	7	32	3	0	1	Cu	14.8	+2.0	20.5	31	-2	17	-1	55	0	26	29	143
SUEZ	01	8	32	2	1	4	Cu	14.7	+2.4	21.3	34	+1	17	-3	58	0	27	18	144
FAIYUM	00	7	32	3	0	0	—	15.1	+2.3	21.1	33	-2	16	-2	63	0	7	8	153
MINYA	00	6	04	3	0	0	—	14.3	+2.5	22.0	34	-1	18	0	59	0	4	—	154
ASYUT	00	7	30	4	0	0	—	13.4	+1.6	26.0	36	0	21	+1	36	0	2	4	155
QENA	00	8	26	2	0	0	—	10.2	0.0	30.1	43	+4	24	+3	41	0	dr	—	156
LUXOR	01	8	14	2	1	3	Ci	10.3	—	32.0	43	—	21	—	32	0	dr	—	157
ASWAN	02	7	32	5	1	5	Cu	8.0	-2.3	30.6	46	+5	29	+6	29	0	1		158
SIWA	00	8	00	0	0	0	—	16.2	+2.9	22.0	33	-1	14	-3	74	0	7	8	145
BAHARIYA	00	9	00	0	0	0	—	14.7	—	20.0	32	—	16	—	72	0	1	—	149
KHARGA	00	8	32	4	0	0	—	13.4	+2.7	25.8	35	-4	22	0	56	0	dr	tr	151
DAKHLA	01	7	06	3	1	3	Ci	14.4	+2.6	25.3	38	-1	22	+2	52	0	dr	—	152
TOR	00	6	28	6	0	0	—	9.6	-0.3	25.0	32	0	23	+2	72	0	20	13	145
HURGHADA	32	3	30	7	3	0	—	9.9	-0.4	27.1	32	-1	—	—	32	0	1	—	146
QUSEIR	00	7	32	4	0	0	—	9.4	-1.9	27.2	33	+1	26	+2	60	0	tr	6	147
PORT SUDAN	00	—	28	1	0	0	—	5.4	-3.1	36.1	40	+4	32	+8	28	0	81	109	169
WADI HALFA	01	8	02	5	0	4	Cs	7.6	-2.4	31.2	47	+7	28	+6	22	—	—	—	165
KAREIMA	18	6	32	5	0	0	—	4.5	-4.1	36.7	47	+4	27	+2	18	0	3	4	166
ATBARA	00	—	08	2	0	0	—	4.2	-3.4	37.7	46	+4	30	+5	07	0	6	7	167
KHARTUM	05	7	28	3	0	0	—	3.2	-4.8	33.0	46	+4	29	+3	31	0	13	8	168
KASSALA	00	8	14	2	0	0	—	4.3	-4.0	33.0	42	+1	25	0	30	0	39	23	170
WAD MEDANI	00	—	22	5	0	0	—	3.8	-4.3	35.5	43	+2	26	+2	27	0	33	25	171
DUEIM	00	—	—	3	0	0	—	5.6	-3.3	34.6	42	+2	27	+4	36	0	27	23	173
RENK																		—	182
ROSEIRES	00	—	16	1	0	0	—	6.4	-3.4	32.3	40	+3	26	+3	36	0	93	102	172
EL OBEID	18	7	20	4	0	0	—	5.5	-4.2	31.2	39	0	26	+4	42	0	23	32	174
EL FASHER	00	8	28	3	1	0	—	—	—	27.9	39	+1	24	+3	39	dr	17	15	175
GENEINA	02	8	00	0	1	5	AcAs	—	—	21.0	34	—	19	—	91	3	50	—	179
KADUGLI																		—	187
MALAKAL	01	8	18	3	0	1	Ac	7.2	-3.7	28.2	36	+1	24	+2	62	0	259	193	176
WAU	01	—	20	2	0	4	—	8.4	-1.6	28.5	36	+2	24	+3	55	0	229	358	177
JUBA	01	8	24	2	0	4	Sc	10.4	-1.6	26.4	35	+2	23	+2	84	0	524	386	178

UPPER WINDS 27th الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h m	MATRUH 7 h m	DIKHEILA 7 h m	CAIRO 8 h m	HELWAN 8 h 30 m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 8 h m	KAREIMA 7 h m	KHARTUM 7 h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA h m	Geneina 5 h m
02.34.10	02.32.15	02.31.20	02.02.15	02.36.25	02.34.35	02.36.30	03.01.40	06.12.60	06.26.40	06.18.30	07.23.25	06.24.30		10.03.10
05.35.05	05.34.15	05.31.15	05.02.20	05.01.20	05.35.30	05.36.45	07.02.45	10.11.50	10.26.65	10.23.20	10.25.55	10.23.35		15.34.30
10.32.25	10.32.30	10.32.20	10.35.25	08.04.15	10.34.60	10.36.60	10.03.45	15.09.45	15.26.60	15.22.15	15.26.35	15.22.40		20.31.25
15.29.30		15.32.20	15.32.35	10.36.20	15.34.30		15.02.30	20.09.35	20.22.25	20.23.10	20.24.20	20.24.15		21.31.20
20.30.40		20.31.55	17.32.40	15.34.30			20.02.30	25.11.40	30.22.30	30.03.05	24.35.15	30.03.25		
		23.31.55		20.32.40			25.05.20	30.13.40	40.22.30	40.05.30		40.06.35		
				23.30.40			30.07.20	40.14.20	48.23.15	50.01.35		50.08.35		
				25.29.40			40.01.15	50.19.25				60.08.20		
				27.29.35			50.25.25					63.08.25		
							54.29.10							

Forecast for 24 hours from noon on 27th

Moderate winds, on the coast between west and northwest, inland between northwest and northeast. Clear or occasional low cloud. Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٧

رياح معتدلة غربية الى شمالية غربية على السواحل وشمالية غربية الى شمالية شرقية في الداخل السماء صحو او نظهر بعض السحاب المنخفض ويستمر الطقس لطيفا.

STATION	Mean of day Humidity % on 26th	Diff. from normal	Mean of day Wet bulb temp °C on 26th	Diff. from normal
Alexandria	69	-2	17.9	-0.5
Ezbekiya	50	-4	18.9	-1.2
Giza	49	-3	18.6	-0.5
Helwan	27	-12	16.2	0.0

Giza Grass minimum on 27th 14.4°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
27-5	1354	1180
26-5	1354	1180

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	26-5	13.35	-0.20	13.38	-0.18
Nasser	26-5	7.71	+1.01	7.67	+1.05
Malakal	27-5	10.96	+0.58	10.94	+0.58
Roseires	26-5	13.22	+0.97	12.87	+0.67
Sennar Res	26-5	9.44	—	9.44	—
J. Aulia U S	26-5	371.56	—	371.57	—
J. Aulia D S	26-5	371.10	+0.14	371.08	+0.13
Khartum	26-5	10.53	+0.23	10.53	+0.25
Kh. el Girba					
Atbara	26-5	10.23	+0.25	10.22	+0.25
Kajnarti	26-5	132.36	+0.41	132.36	+0.40
Aswan Res	27-5	117.98	—	118.16	—
Aswan D.S	27-5	86.54	+0.62	86.50	+0.60
Roda (Cairo)	27-5	15.88	+0.41	15.88	+0.41

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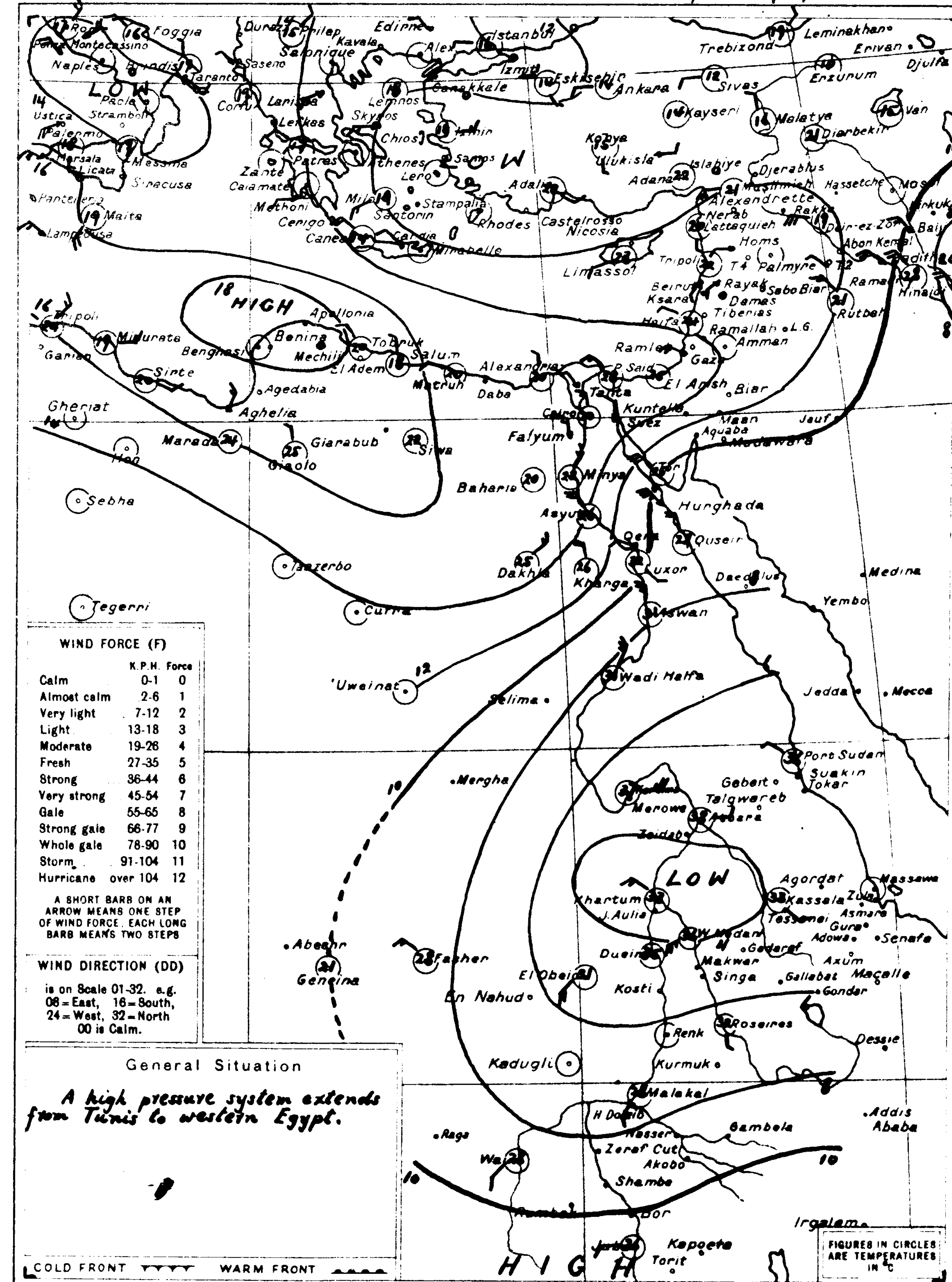
١٩٣٩-٥-٢٧ Isobars, Wind and Temperature at 8 h. 27-5-1939



SCALE 1:15.000.000
Kms 200 100 0 200 400 600 Kms

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

A high pressure system extends from Tunis to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT

At 8 h. on 27th الساعة ٨ يوم ٢٧

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	22	2	0	0	—	12.4	+0.6	23	—	—	—	—	—	0	603	485
Haifa	02	—	26	1	—	4	—	14.3	+0.2	24.1	26	-3	18	0	46	0	582	644
Gaza																		376

SHIPS سفن

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h. 04 m. 55
" " Sunset 18 49

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 27-5 (الساعة ١٤ يوم ٢٧) — At 8 h. on SUNDAY 28th (الساعة ٨ يوم الاحد ٢٨)

Region	STATION	14h ww Present Weather	14h V Visibility	14h DD Wind Dir.	14h F Force	14h W Past Weather	14h N Cloud Amount	14h C Form	14h PPP Bar. Press. M.S.L. 1000+ mbs.	14h TTT °C Temp.	14h UU % Humidity	8h ww Present Weather	8h V Visibility	8h DD Wind Dir.	8h F Force	8h W Past Weather	8h N Cloud Amount	8h C Form	8h PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	02	8	04	3	1	5	Ci	15.2	19.7	71	02	7	12	1	0	4	Ac	13.4	-0.5	20.2	20	—	15	—	73	0	81	—	130
	MATRÛH	02	7	30	3	2	5	Cu	15.4	21.2	83	02	7	26	1	1	4	Cu	13.6	0.0	20.5	22	-4	14	-3	77	0	122	160	131
	DIKHEILA	01	8	28	3	1	4	Sc	15.8	21.3	86	01	7	00	0	1	4	Cu	13.9	—	20.3	22	—	16	—	80	0	94	—	150
	ALEXANDRIA	02	9	30	3	2	4	Ac	14.8	22.6	56	01	9	00	0	2	3	Ac	13.3	-0.1	22.0	25	-2	17	-2	62	0	165	185	132
	DAMIETTA											02	8	26	2	1	4	Cu	12.3	—	23.7	24	—	15	—	66	0	70	107	159
	PORT SAÎD	00	7	02	4	1	0	—	—	25.5	58	01	7	02	2	1	3	Ac	12.6	+0.8	22.0	26	-1	19	-1	69	0	64	80	134
	EL 'ARÎSH	01	7	30	4	1	2	Cu	13.3	23.8	56	00	7	00	0	0	0	—	13.1	—	25.1	25	—	16	—	55	0	130	93	135
EGYPT	DAMANHÛR											01	7	04	3	1	4	Cu	13.9	+0.5	22.3	26	-6	15	-1	64	0	29	103	136
	MANSÛRA											01	8	02	1	1	3	Sc	12.8	—	22.0	29	-4	15	-2	60	0	46	55	137
	TANTA	00	8	24	2	0	0	—	13.6	28.6	37	01	8	00	0	0	2	Cu	13.3	-0.3	22.3	29	-5	13	-4	63	0	41	43	138
	ZAGÂZIG	01	8	30	2	1	2	Cs	13.1	29.4	34	01	8	06	1	1	2	Cs	13.1	—	23.8	29	-4	13	-3	61	0	31	29	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	00	8	24	2	0	0	—	13.0	28.0	47	00	8	04	3	0	0	—	13.5	—	22.2	30	—	17	—	64	0	18	—	141
	EZBEKIYA	00	8	26	2	1	0	—	12.6	28.4	40	00	7	10	2	0	0	—	12.6	+0.1	22.9	30	-3	18	0	60	0	23	27	—
	GIZA	00	7	00	0	0	0	—	12.7	28.2	40	00	8	02	1	0	0	—	12.8	-0.3	21.7	30	-4	17	+1	60	0	23	27	—
	HELWÂN	00	7	30	3	0	0	—	12.3	27.6	28	00	7	08	2	0	0	—	12.0	-0.8	22.6	29	-4	16	-2	41	0	26	29	143
	SUEZ	00	9	30	2	1	0	—	12.0	27.2	38	00	8	30	2	0	0	—	12.8	+0.6	22.2	30	-3	16	-4	55	0	27	18	144
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	12.6	29.2	25	00	8	02	1	0	0	—	12.0	-0.8	22.0	30	-5	17	-1	56	0	7	8	153
	MINYA	00	7	32	4	0	0	—	12.0	30.3	20	00	6	30	2	1	0	—	12.0	+0.2	22.5	31	-4	17	-1	59	0	4	—	154
	ASYÛT	00	8	30	4	0	0	—	10.7	31.1	22	00	6	28	3	0	0	—	11.2	-0.5	26.0	32	-4	19	-1	45	0	2	4	155
	QENA	00	8	26	5	0	0	—	7.9	37.3	24	00	8	26	2	0	0	—	10.2	+0.1	26.8	39	0	—	—	47	0	tr	—	156
	LUXOR	00	8	26	3	0	0	—	8.0	36.7	20	00	8	22	2	0	0	—	10.6	—	28.2	38	—	21	—	43	0	tr	—	157
	ASWÂN	01	7	32	6	1	3	Cu	6.6	39.2	20	00	7	32	3	0	0	—	10.0	-0.2	26.4	40	-1	24	+1	37	0	1		158
WESTERN DESERT	SÎWA	01	8	00	0	1	4	Cu	15.0	31.0	48	03	6	00	0	2	8	Sc	14.7	+1.5	22.3	32	-3	19	+2	64	tr	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	13.4	31.0	32	00	9	00	0	0	0	—	14.4	—	22.0	32	—	17	—	58	0	1	—	149
	KHÂRGA	00	8	32	4	0	0	—	11.6	34.2	38	00	8	32	1	0	0	—	11.6	+0.9	26.5	34	-5	21	-1	46	0	tr	tr	151
	DAKHLA	01	8	30	4	1	1	Ci	11.8	32.9	45	01	7	06	1	1	3	Ci	12.6	+0.9	26.7	34	-5	19	-1	50	0	tr	—	152
RED SEA	TÔR	00	6	28	6	0	0	—	7.9	27.2	86	01	6	28	5	0	1	Ci	8.8	-1.0	24.3	29	-3	23	+2	83	0	20	13	145
	HURGHÂDA	00	9	30	5	0	0	—	7.9	31.0	33	00	9	30	4	0	0	—	9.6	-0.7	26.9	32	-2	23	+1	46	0	1	—	146
	QUSEIR	00	7	32	4	0	0	—	8.8	29.4	52	00	7	30	3	0	0	—	10.2	-1.0	27.1	32	0	24	-1	57	0	tr	6	147
	PORT SUDAN											00	—	32	3	0	0	—	8.4	0.0	34.2	38	+1	30	+6	35	0	81	109	169
NORTH SUDAN	WÂDI HALFA											00	8	32	2	0	0	—	8.9	-1.0	28.0	42	+2	24	+2	27	—	—	—	165
	KAREIMA											05	7	30	4	0	0	—	7.2	-1.4	34.0	45	+2	29	+4	18	0	3	4	166
	'ATBARA											00	—	24	3	0	0	—	5.9	-1.6	34.0	45	+3	28	+3	27	0	6	7	167
	KHARTÛM											01	7	20	2	0	3	Cs	6.3	-1.8	31.5	46	+4	27	+1	35	0	13	8	168
	KASSALA											00	8	16	2	0	0	—	7.5	-0.8	30.0	43	+3	25	0	30	0	39	24	170
CENTRAL SUDAN	WAD MEDANI											00	—	18	5	0	0	—	7.2	-1.0	30.0	44	+3	23	-1	39	tr	33	25	171
	DUEIM											00	—	—	3	0	0	—	7.5	-1.4	29.0	44	+4	25	+2	48	0	27	23	173
	RENK																			—		—			—				—	182
	ROSEIRES											00	—	14	1	0	0	—	8.2	-1.7	28.3	39	+2	23	0	49	tr	93	104	172
	EL OBEID											03	8	20	3	1	8	Cs	6.6	-3.1	28.1	40	+1	23	+1	51	0	23	32	174
	EL FÂSHER											03	8	14	3	1	6	Cs	—	—	25.6	40	+2	24	+3	62	0	17	15	175
	GENEINA											09	5	24	2	0	9	—	—	—	24.1	38	—	22	—	67	0	50	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL																												196	176
	WÂU											03	—	20	2	6	7	—	8.8	-1.3	23.5	36	+2	20	-1	75	80	309	363	177
	JÛBA											25	8	28	1	8	7	Sc	12.7	+0.7	22.8	35	+2	21	0	91	tr	524	389	178

UPPER WINDS — الرياح العليا 28th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	SALUM 27th
7 h. m.	7 h. m.	7 h. m.	8 h. m.	8 h. 30 m.	7 h. m.	7 h. m.	4 h. m.	7 h. m.	7 h. m.	5 h. m.	7 h. m.	h. m.	h. m.	13 h. m.
02.00.00	02.20.05	02.05.05	02.06.10	02.00.00	02.34.10	02.01.30	03.03.35	06.08.30	06.28.20	06.19.25	07.25.25			02.03.10
05.14.05	05.01.10	05.03.10	05.06.20	05.06.05	05.03.35	05.01.35	06.02.60	10.06.35	10.24.45	10.21.30	10.21.35			05.33.10
10.25.25	10.31.15	10.33.20	10.36.25	08.03.15	10.36.40	10.36.35	10.03.70	15.07.65	15.21.30	15.23.15	15.23.15			10.29.15
15.26.25	15.29.35	15.32.20	15.32.25	10.01.20	15.34.50	15.33.10	15.01.50	20.07.40	20.27.30	20.12.25	20.25.30			15.28.25
20.30.30		16.31.25	20.32.40	15.33.25	20.33.55		20.35.35	25.05.35	25.36.15	30.07.35	24.25.10			20.30.50
25.30.05				20.32.30			25.29.15	30.04.35	30.36.05	40.04.35				25.30.55
				23.31.60				40.04.25	35.19.10					30.29.70
				27.31.55										35.28.90
														37.28.90

Forecast for 24 hours from noon on 28th

Light to moderate winds, chiefly westerly on the coast, northeasterly inland.
Some high and medium cloud.
Slightly warmer. Temperature becoming normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٨
رياح ما بين الخفيفة والمعتدله أغلبها غربيه على الساحل
وشمالية شرقية فى الداخل
ظهور بعض السحاب العالى والمتوسط
وتزداد قليلا درجة الحراره فتصل الى المعدل.

STATION	Mean of day: Humidity % on 27th	Diff. from normal	Wet bulb temp °C on 27th	Diff. from normal
Alexandria	64	-7	16.7	-1.8
Ezbekiya	56	+2	18.2	-1.9
Giza	61	+9	17.8	-1.4
Helwân	45	+6	16.2	-0.1

Giza Grass minimum on 28th 15.0 °C

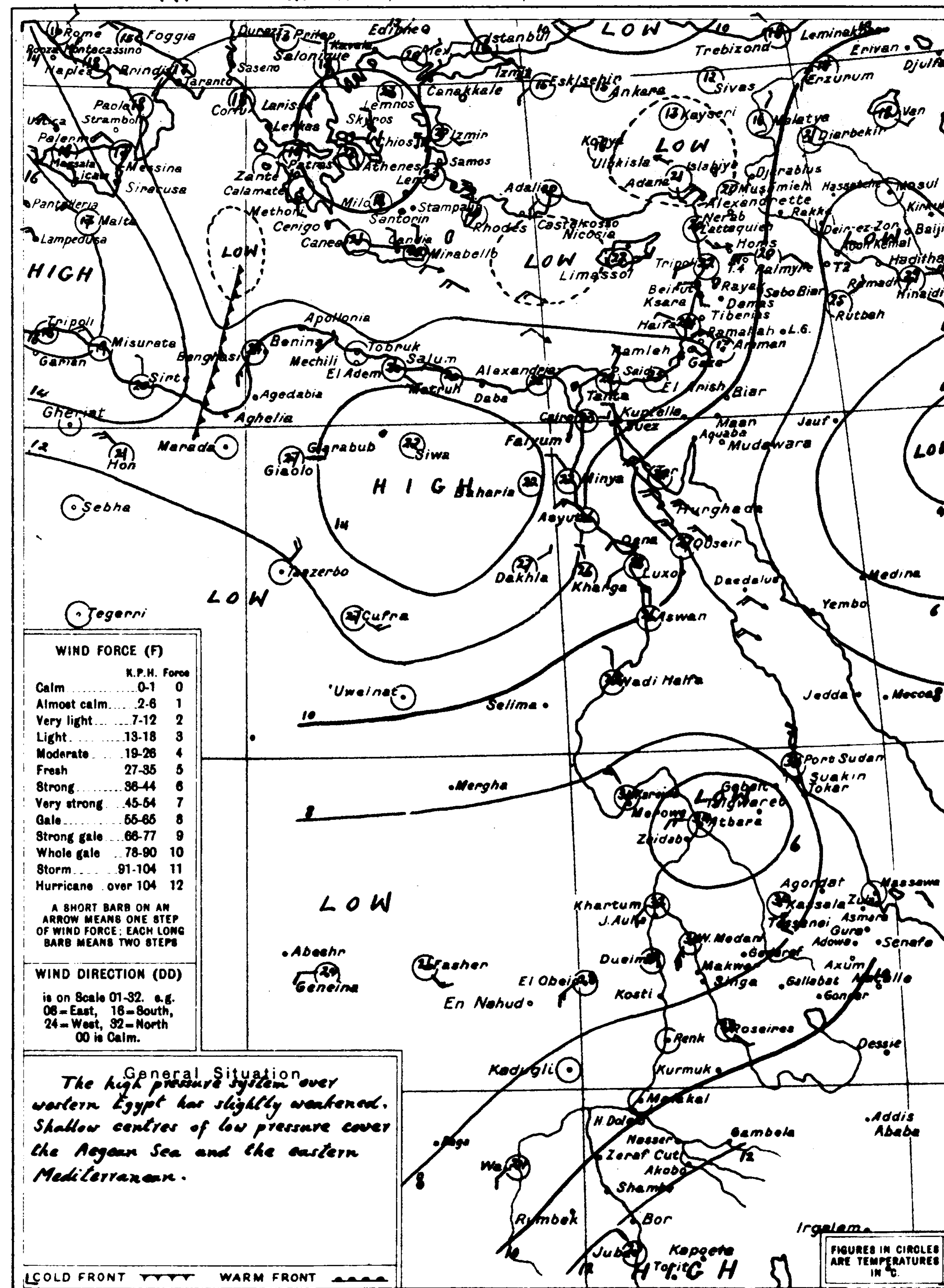
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
28-5	1354	1180
27-5	1354	1180

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-5	13.30	-0.23	13.35	-0.19
Nâsser	27-5	7.72	+0.95	7.71	+1.01
Malakâl	28-5	11.00	+0.59	10.96	+0.58
Roseires	28-5	12.72	+0.39	13.26	+0.98
Sennâr Res	27-5	8.66	—	9.44	—
J. Aulia U.S	27-5	371.60	—	371.56	—
J. Aulia D.S	27-5	371.10	+0.13	371.10	+0.14
Khartûm	28-5	10.55	+0.18	10.52	+0.19
Kh. el Girba					
'Atbara	27-5	16.25	+0.25	16.23	+0.25
Kajnarti	27-5	132.34	+0.39	132.36	+0.41
Aswân Res.	28-5	117.85	—	117.98	—
Aswân D.S.	28-5	86.53	+0.58	86.54	+0.62
Rôda (Cairo)	28-5	16.91	+0.45	15.88	+0.41

Printed by the Survey & Mines Dept. 1938 (38/554)

١٩٣٩-٥-٢٨ Isobars, Wind and Temperature at 8 h. 28-5-1939



General Situation

The high pressure system over western Egypt has slightly weakened. Shallow centres of low pressure cover the Aegean Sea and the eastern Mediterranean.

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 28th — الساعة ٨ يوم ٢٨

STATION محطة	ww Present Weather	V Visibility	DD Wind Dir.	F Force	W Past Weather	N Cloud Amount	C Form	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	08	2	0	0	—	11.4	-0.2	22	—	—	—	—	—	0	603	456
Haifa	01	—	26	1	—	3	—	11.1	+1.0	23.6	25	-4	17	-1	52	0	532	644
Gaza																		376

SHIPS سفن
13334 30206 25301 13968
13324 30206 28200 13869 61720 52000

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 4 35
" " Sunset 18 30

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 28-5 الساعة ١٤ يوم ٢٨/٥ — At 8 h. on MONDAY 29th الساعة ٨ يوم الاثنين ٢٩

Region	STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALUM	01	8	06	1	0	2	Ci	11.2	23.7	59	01	8	30	3	5	3	Cu	8.6	-5.3	21.3	25	—	18	—	73	1	82	—	130
	MATRUH	00	7	02	2	0	0	—	12.2	22.4	83	03	7	08	2	2	7	Cu	9.3	-4.2	22.4	23	-3	19	+2	72	dr	122	160	131
	DIKHEILA	01	8	28	2	1	4	Cc	14.4	21.7	85	03	7	10	3	2	6	As	13.0	—	20.3	23	—	17	—	83	0	94	—	150
	ALEXANDRIA	01	9	30	3	2	3	Ac	13.5	24.1	52	03	8	12	3	2	6	As	12.6	-0.8	19.6	25	-2	18	-1	76	0	165	185	132
	DAMIETTA											02	8	12	2	1	4	Ac	14.0	—	24.0	25	—	17	—	67	0	70	107	159
	PORT SAID	02	7	30	3	1	5	Ac	12.4	24.6	54	01	7	10	2	1	3	Ac	14.0	+2.2	23.4	26	-1	19	-1	59	0	64	80	134
	EL 'ARISH	01	7	30	3	1	3	Cu	13.0	24.2	51																		93	135
LOWER EGYPT	DAMANHUR											03	6	12	3	1	8	Cu	12.8	-0.6	20.6	28	-4	17	+1	66	0	29	103	136
	[illegible]RA											01	8	14	1	1	4	Sc	13.8	—	24.9	29	-4	16	-1	54	0	46	55	137
	[illegible]	02	8	20	1	0	5	Cu	13.3	27.0	46	02	8	12	1	1	4	Cu	14.0	+0.5	23.8	28	-6	16	-1	61	0	41	43	138
	[illegible]	01	8	26	2	1	2	Cs	12.6	29.8	38	01	8	06	2	1	3	Cs	13.8	—	27.4	30	-3	17	0	50	0	31	29	139
MIDDLE EGYPT (CAIRO)	ALMAZA	03	8	32	1	2	7	Cs	13.0	28.0	48	02	8	06	2	2	5	Cs	14.0	—	28.0	30	—	19	—	44	0	18	—	141
	EZBEKIYA	03	7	28	2	2	6	Cs	11.9	28.6	32	03	7	00	0	1	6	Ac	13.3	+0.8	28.3	29	-4	19	+1	41	0	23	27	—
	GIZA	03	8	30	1	1	6	As	12.3	27.6	34	05	5	00	0	2	5	Ac	13.4	+0.4	24.8	29	-5	16	0	56	0	23	27	—
	HELWAN	03	9	26	3	1	8	As	11.9	27.1	22	02	6	08	2	1	4	Ac	13.8	+1.0	26.7	28	-5	19	+1	31	0	26	29	143
	SUEZ	01	9	32	3	1	4	As	11.1	28.4	31	00	7	20	1	0	0	—	13.9	+1.7	25.0	30	-3	18	-2	49	0	27	18	144
UPPER EGYPT	FAIYUM	03	8	30	3	0	7	Ac	12.3	29.2	23	01	7	06	1	0	3	Cu	13.6	+0.8	26.8	30	-5	16	-2	41	0	7	8	153
	MINYA	01	7	28	4	1	3	Ci	11.6	30.5	19	00	5	32	1	1	0	—	12.7	+1.0	26.0	32	-3	19	+1	36	0	4	—	154
	ASYUT	02	7	26	4	1	5	As	10.8	32.0	27	02	7	12	2	1	5	Cu	12.4	+0.8	27.3	33	-3	20	0	34	0	2	4	155
	QENA	02	8	24	4	1	5	Sc	8.2	36.4	22	03	8	26	2	2	7	Cu	11.6	+1.6	29.8	38	-2	25	+4	36	0	dr	—	156
	LUXOR	02	8	32	1	2	5	Ci	8.6	36.2	25	02	8	30	2	1	5	Ci	12.4	—	31.2	37	—	23	—	31	0	dr	—	157
	ASWAN	01	7	02	3	1	3	Cu	5.5	38.6	24	01	7	00	0	1	2	Cu	11.2	+1.1	28.4	40	-1	25	+2	39	0	1	—	158
WESTERN DESERT	SIWA	03	7	00	0	2	7	Cu	12.2	31.7	57	00	8	00	0	0	0	—	8.8	-4.4	27.0	32	-3	20	+3	69	tr	7	8	148
	BAHARIYA	02	9	00	0	1	4	—	12.0	29.0	34	00	9	08	1	0	0	—	11.5	—	25.0	30	—	18	—	37	0	1	—	149
	KHARGA	03	7	32	3	2	8	Cc	8.2	36.2	24	00	8	02	2	0	0	—	11.5	+0.9	28.5	36	-3	23	+1	43	0	dr	tr	151
	DAKHLA	02	8	30	3	2	5	Ci	11.6	33.3	25	02	7	12	2	2	5	Ci	12.2	+0.5	30.0	35	-4	23	+3	39	dr	dr	—	152
RED SEA	TOR	01	6	28	5	0	1	Cc	8.6	27.8	72	01	6	28	3	0	3	Cc	11.6	+1.8	25.5	31	-1	23	+2	84	0	20	13	145
	HURGHADA	02	9	02	—	1	4	Ci	8.6	30.8	—	03	9	30	3	2	6	Cb	11.8	+1.6	26.5	32	-2	22	0	53	0	1	—	146
	QUSEIR	00	7	32	3	0	0	—	9.1	27.7	60	01	7	32	3	1	4	Ac	11.1	0.0	29.5	29	-3	25	0	46	0	tr	6	147
	PORT SUDAN											00	—	02	3	0	0	—	11.6	+3.3	32.3	38	+1	29	+4	49	0	81	109	169
NORTH SUDAN	WADI HALFA											01	8	02	4	1	4	Ac	9.5	-0.3	31.1	41	+1	25	+3	27	—	—	—	165
	KAREIMA											00	8	30	4	0	0	—	7.7	-0.8	34.2	44	+1	29	+4	18	0	3	4	166
	ATBARA											00	—	14	2	0	0	—	7.9	+0.4	36.0	43	+1	28	+3	16	0	6	8	167
	KHARTUM											00	8	20	5	0	0	—	7.9	-0.2	34.0	42	0	29	+3	31	0	13	8	168
	KASSALA											00	8	18	3	0	0	—	8.0	-0.4	33.2	40	0	27	+2	30	0	39	24	170
CENTRAL SUDAN	WAD MEDANI											00	—	20	6	0	0	—	7.6	-0.6	33.6	41	0	27	+3	31	0	33	26	171
	DUEIM											00	—	—	3	0	0	—	8.8	-0.2	31.8	40	0	26	+3	43	0	27	23	173
	RENK																												—	182
	ROSEIRES											00	—	14	1	0	0	—	10.8	+0.8	28.0	39	+2	23	0	56	0	93	106	172
	EL OBEID											18	7	18	4	0	0	—	8.8	-1.0	29.1	39	0	26	+4	58	0	23	33	174
	EL FASHER											01	8	12	2	1	4	Cs	—	—	28.3	37	-2	24	+3	51	0	17	15	175
	GENEINA											00	8	26	4	1	0	—	—	—	24.6	39	—	21	—	61	0	50	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											02	8	22	3	1	5	As,Ac	11.8	+0.8	27.0	32	-2	23	+1	68	0	265	199	176
	WAU											01	—	20	2	0	4	—	11.2	+1.1	26.4	33	-1	22	+1	73	0	309	367	177
	JUBA											01	8	20	1	0	3	As	9.6	-2.5	24.4	30	-3	21	0	83	0	524	393	178

UPPER WINDS ٢٩ الرياح

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.	HELWAN 8 h.30	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	SALUM 28th 13 h.
2.28.15	02.10.15	02.16.40	02.07.35	02.10.25	02.12.15	02.36.10	03.04.45	06.16.50	06.22.45	06.21.30	07.22.30	06.24.25		02.12.10
5.23.30	06.18.20	05.17.25	05.08.35	05.09.45	05.08.20	05.06.35	06.04.75	10.15.45	10.24.55	10.22.25	10.24.45	10.25.15		05.21.15
.23.55	10.20.45	10.19.30	09.04.15	08.07.30	10.35.15	10.03.40	10.04.65		15.24.25	15.25.35	15.27.26	15.18.15		10.23.20
5.22.45	15.21.35	15.19.25	10.34.20	10.01.15	15.30.25	15.01.25	15.04.60		20.19.15	20.31.05	20.02.10	20.15.15		15.26.25
30.22.40	20.23.55	20.24.25	15.32.25	15.34.25	20.31.35	20.02.25	17.04.35		25.14.15	30.02.20	24.08.15	30.13.20		20.27.20
25.22.75		22.25.30	20.29.35	20.29.25					30.12.15			40.08.30		25.26.35
			26.27.45	23.28.30					40.19.15			50.08.30		30.26.35
				25.28.35					50.19.15					
				29.26.45					57.19.15					

Forecast for 24 hours from noon on 29th
On the coast moderate east to southeast winds, becoming fresh westerly tomorrow. Inland moderate easterly winds becoming southerly and freshening. Much medium cloud at times. Showers near the coast, possibly with thunder. Unsettled. Temperature slightly above normal. Cooler late tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٩
رياح معتدلة مابين الشرقية والجنوب الشرقي تتحول الى غربية شديدة
نوعا على الساحل ورياح معتدلة شرقية تصير جنوبية وتشتد
في الداخل وكثير بالقرب من الساحل وربما يكون مصحوبا بالرعد
والطقس غير مستقر ودرجة الحرارة فوق المعدل بقليل الا
انه ينتظر ان يبرد في وقت متأخر من الغد

STATION	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	69	-2	17.7	-0.9
Ezbekiya	51	-3	17.9	-2.3
Giza	49	-3	17.0	-2.2
Helwan	33	-6	15.3	-1.1

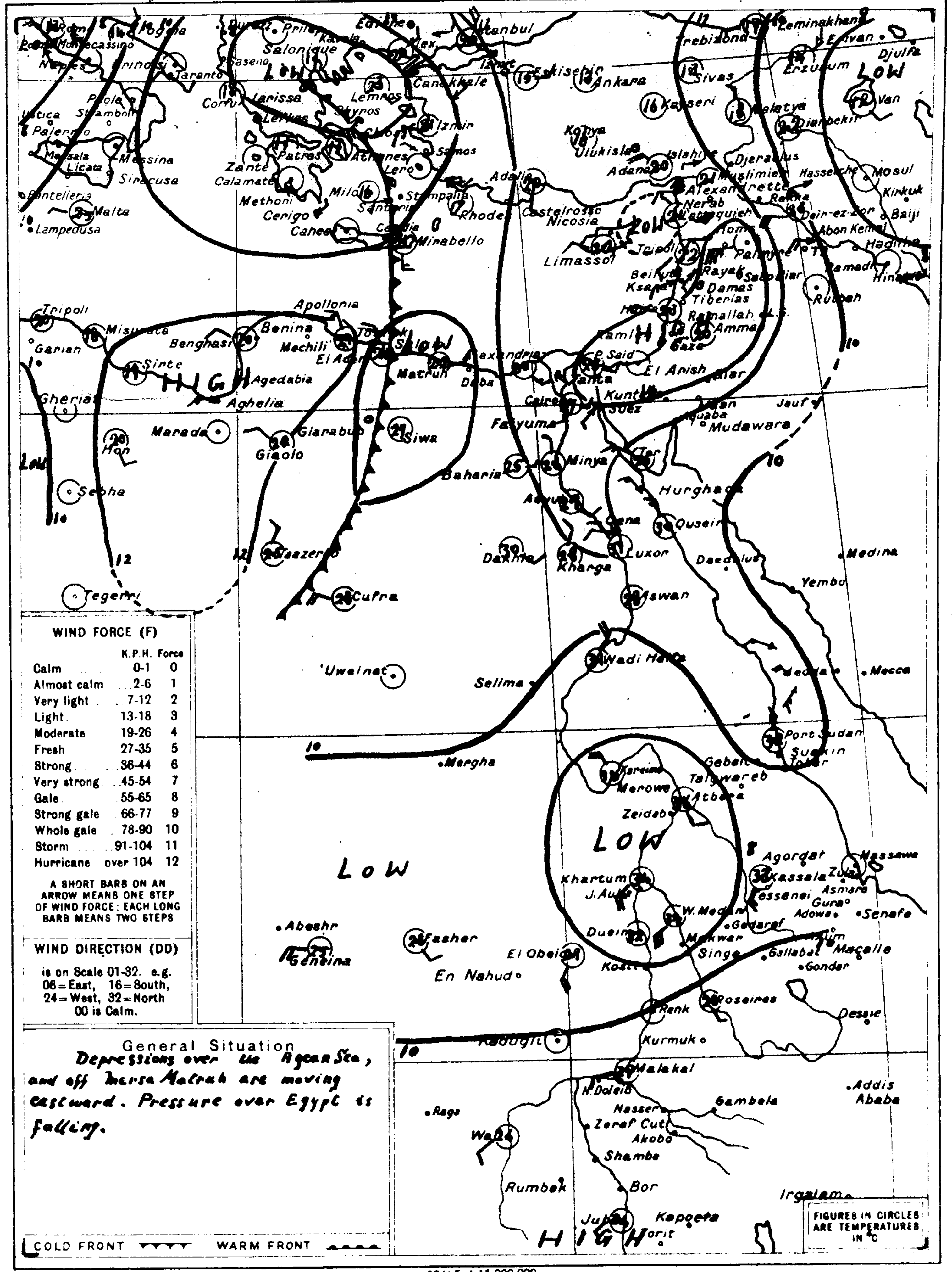
Giza Grass minimum on 29th 13.6 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
29-5	1354	1180
28-5	1354	1180

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	28-5	13.30	-0.23	13.35	-0.19
Nasser	28-5	7.70	+0.82	7.72	+0.75
Malakal	29-5	11.02	+0.59	11.00	+0.59
Roseires	29-5	12.61	+0.27	12.72	+0.39
Sennar Res	28-5	8.24	—	8.66	—
J. Aulia U.S	28-5	371.67	—	371.60	—
J. Aulia D.S	28-5	371.13	+0.14	371.10	+0.13
Khartum	28-5	10.55	+0.18	10.52	+0.17
Kh. el Girba					
Atbara	28-5	10.26	+0.23	10.25	+0.25
Kajnarti	28-5	132.29	+0.34	132.34	+0.39
Aswan Res.	29-5	117.68	—	117.85	—
Aswan D.S	29-5	86.52	+0.55	86.53	+0.58
Roda (Cairo)	29-5	15.86	+0.40	15.91	+0.45

Isobars, Wind and Temperature at 8 h. 29-5-39 ٢٩-٥-٢٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation
Depressions over the Agean Sea, and off Mersa Matruh are moving eastward. Pressure over Egypt is falling.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 29th الساعة ٨ يوم ٢٩

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	7	26	2	1	3	—	13.5	+1.9	22	—	—	—	—	—	0	603	456
Haifa	01	—	26	1	—	3	—	15.0	+5.0	23.4	26	-3	16	-2	54	0	552	645
Gaza																		376
SHIPS سفن																		

Remarks
Thunderstorm at Salum at 20.15.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)
- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)
Objects not visible at
- 50 metres 0
- 200 ,, 1
- 500 ,, 2
- 1 Kilometre 3
- 2 ,, 4
- 4 ,, 5
- 10 ,, 6
- 20 ,, 7
- 50 ,, 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)
- Cirrus Ci
- Cirro cumulus Cc
- Cirro-stratus Cs
- Alto-stratus As
- Alto cumulus Ac
- Strato cumulus Sc
- Stratus St
- Nimbus Nb
- Nimbo-stratus Ns
- Cumulus Cu
- Cumulo-nimbus Cb

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04h 54m
" " Sunset 18h 50m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1939 ١٩٣٩ شهر مايو — ١٩٣٩-٥-٣٠

At 14 h. on 29th — ٥/٢٩ الساعة ١٤ يوم | At 8 h. on TUESDAY 30th — الساعة ٨ يوم الثلاثاء ٣٠

Region	Station	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h Temp °C TTT	14h Humidity % UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	Humidity % UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	02	8	02	4	1	4	Cu	9.6	21.6	77	01	8	02	3	0	1	Cu	14.6	+0.8	19.0	25	—	15	—	83	0	82	—	130
	MATRÛH	02	7	08	5	2	5	Cu	7.9	25.7	79	01	7	30	2	1	4	Cu	14.3	+0.8	21.3	29	+3	16	-1	86	0	122	160	131
	DIKHEILA	01	8	04	3	8	3	Cu	10.7	24.8	89	05	7	26	1	0	0	—	14.4	—	22.5	30	—	17	—	87	dr	94	—	150
	ALEXANDRIA	01	9	08	3	6	3	Ac	9.8	26.6	58	00	9	00	0	0	0	—	13.5	+0.2	24.3	32	+5	19	0	69	1	166	185	132
	DAMIETTA											00	8	04	2	0	0	—	12.3	—	25.0	29	—	21	—	74	0	70	107	159
	PORT SAÏD	02	7	04	3	1	4	Ac	11.6	27.0	63	00	7	04	3	1	0	—	12.0	+0.2	24.4	28	0	22	+2	76	0	64	80	134
	EL 'ARÎSH	02	7	02	4	1	5	Cu	13.4	26.2	59	00	7	00	0	0	0	—	11.2	—	28.1	30	—	19	—	57	0	130	93	135
LOWER EGYPT	DAMANHÛR											00	7	32	3	0	0	—	13.3	0.0	25.0	33	+1	19	+3	70	0	29	103	136
	MANSÛRA											00	8	02	1	0	0	—	13.0	—	24.9	34	+1	19	+2	69	dr	46	55	137
	TANTA	00	8	16	3	1	0	—	10.4	32.6	30	00	8	00	0	0	0	—	13.5	0.0	24.0	33	-1	20	+3	74	0	41	43	138
	ZAGÂZIG	01	8	10	2	1	2	Cs	10.2	33.8	20	00	8	30	2	0	0	—	13.5	—	25.3	34	+1	19	+2	65	0	31	29	139
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	06	3	1	2	Cc	9.8	36.2	12	05	7	24	3	0	0	—	14.3	—	25.2	37	—	22	—	52	0	18	—	141
	CAIRO EZBEKIYA	01	8	14	3	1	3	Cc	9.3	35.5	25	00	6	26	1	0	0	—	13.1	+0.7	26.7	37	+3	22	+4	54	dr	23	27	—
	CAIRO GIZA	01	8	10	1	2	4	Ac	9.1	36.6	22	00	6	00	0	0	0	—	13.6	+0.6	25.6	37	+3	20	+4	52	0	23	27	—
	HELWÂN	01	8	14	2	1	1	Ac	8.7	34.4	13	05	6	26	2	0	0	—	13.5	+0.7	24.3	37	+4	21	+3	47	dr	26	29	143
	SUEZ	01	9	20	2	0	3	Ac	10.6	33.0	24	00	7	20	3	0	0	—	12.4	+0.3	31.2	35	+2	24	+4	27	0	27	18	144
UPPER EGYPT	FAIYÛM	00	8	06	1	0	0	—	9.4	36.0	19	00	7	00	0	0	0	—	13.9	+1.1	28.5	37	+2	20	+1	44	0	7	8	153
	MINYA	00	6	20	3	0	0	—	9.6	35.9	18	00	5	32	1	1	0	—	13.0	+1.3	28.3	36	+1	21	+3	38	dr	4	—	154
	ASYÛT	02	7	10	2	1	5	Cu	9.9	36.0	20	00	5	14	2	0	0	—	13.1	+1.5	31.0	38	+2	22	+2	29	0	2	4	155
	QENA	03	8	14	1	2	8	Sc	9.3	35.8	34	02	7	22	1	1	4	Cs	12.7	+2.8	30.0	36	-4	22	+1	39	0	dr	—	156
	LUXOR	03	8	32	1	2	6	Ci	10.3	36.6	27	01	8	04	1	0	2	Ci	12.7	—	30.9	38	—	22	—	37	0	dr	—	157
	ASWÂN	01	7	02	3	1	3	Cu	8.6	39.4	13	01	7	02	1	1	3	Cu	11.5	+1.5	32.5	40	-1	26	+2	20	0	1	—	158
WESTERN DESERT	SÎWA	01	8	26	5	1	3	Cu	9.5	33.3	39	00	8	08	3	0	0	—	13.3	+0.2	25.0	35	0	18	+1	71	0	7	8	148
	BAHARÎYA	00	9	08	1	0	0	—	8.4	36.5	14	00	9	00	0	0	0	—	14.0	—	25.0	40	—	18	—	37	0	1	—	149
	KHÂRGA	03	7	04	2	2	8	Ci	10.0	38.7	23	00	7	32	1	0	0	—	12.8	+2.3	29.1	39	0	23	+1	39	0	dr	tr	151
	DÂKHLA	03	7	18	3	2	8	As	10.6	36.0	34	40	3	10	1	4	0	—	13.0	+1.4	29.0	38	-1	20	0	41	dr	dr	—	152
RED SEA	TOR	01	6	28	3	1	4	Ac	10.2	30.0	65	00	5	28	2	0	0	—	11.5	+1.8	29.5	31	-1	22	+1	67	0	20	13	145
	HURGHADA	02	9	04	3	2	5	Sc	10.3	28.8	63	00	9	30	3	0	0	—	11.2	+1.1	32.9	33	-1	20	-2	37	0	1	—	146
	QUSEIR	02	7	02	2	1	4	Ac	11.6	27.6	70	01	7	32	1	0	1	Ci	11.0	0.0	32.8	35	+3	24	-1	39	0	tr	6	147
	PORT SUDAN											03	—	24	2	0	7	—	9.5	+1.3	34.8	35	-2	31	+6	31	0	81	109	169
NORTH SUDAN	WADI HALFA											02	8	02	4	1	5	As, Ci	10.8	+1.0	32.2	42	+2	27	+5	28	—	—	—	165
	KAREIMA											01	8	32	2	0	2	Sc	9.5	+1.0	36.0	45	+2	30	+5	17	0	3	4	166
	ATBARA											00	—	20	3	0	0	—	9.4	+2.0	33.4	44	+2	29	+4	32	0	6	8	167
	KHARTUM											01	8	24	2	0	2	Ac, Ci	9.8	+1.7	30.0	44	+2	25	-1	47	2	15	8	168
	KASSALA											00	8	16	3	0	0	—	9.9	+1.5	30.3	41	+1	27	+2	46	0	39	25	170
CENTRAL SUDAN	WAD MEDANI											00	—	14	4	0	0	—	10.4	+2.2	28.4	42	+1	23	-1	52	dr	33	26	171
	DUEIM											00	—	—	3	0	0	—	10.0	+1.0	27.4	41	+1	27	+4	68	3	30	24	173
	RENK																			—	—		—		—				—	182
	ROSEIRES											00	—	14	1	0	0	—	12.0	+2.0	25.3	35	-2	21	-2	65	dr	93	108	172
	EL OBEID											01	8	22	3	8	4	Ac	9.6	-0.2	25.2	39	0	22	0	84	9	32	33	174
	EL FASHER											02	8	18	3	1	5	Sc	—	—	23.8	38	-1	22	+1	67	dr	17	15	175
	GENEINA											03	8	04	3	2	6	Ac, Ci	—	—	24.8	37	—	21	—	61	dr	50	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL																												201	176
	WAU											03	—	28	2	6	7	—	13.3	+3.2	27.4	34	0	21	0	63	2	311	372	177
	JUBA											02	8	00	0	0	5	Ac, Ci	13.9	+1.8	25.2	32	-1	21	0	84	dr	524	396	178

UPPER WINDS الرياح العليا ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7h	MATRÛH 7h	DIKHEILA 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 7h	KHARTUM 7h	KASSALA 5h	EL OBEID 7h	MALAKAL	JUBA	SALUM 29th 13h
02.03.15	02.01.10	02.02.10	02.34.15	02.29.05	02.10.10	02.36.10	03.03.35	06.08.25	06.25.25	06.19.35	07.24.20			02.02.25
05.10.20	05.03.05	05.33.30	05.31.25	05.33.20	05.03.15	05.36.25	06.03.50	10.10.20	10.25.30	10.19.45	10.21.25			05.28.40
10.19.15	10.36.15	10.32.40	10.30.45	08.31.35	10.32.20	10.35.50	10.02.55	15.09.25	15.24.50	15.33.05	15.09.20			10.27.40
15.24.30	15.28.30	15.29.55	15.30.65	10.30.45	15.33.30	15.35.50	15.03.35	20.07.20	20.33.25	20.31.05	20.07.25			15.25.55
20.26.55	20.28.55	19.29.60	20.30.50	15.30.55	20.32.40		20.05.30	25.07.20	25.36.30	30.29.05	22.13.10			20.23.50
25.26.65				20.29.25			30.06.10	30.08.20	30.03.30					25.25.60
30.26.60				22.29.60			40.11.25	40.08.15	40.07.55					26.26.60
							43.21.20							

Forecast for 24 hours from noon on 30th

Moderate winds chiefly northerly, becoming northeasterly.
Clear or occasional medium cloud.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣٠

رياح معتدلة أغلبها شمالية تتحول إلى الشمال الشرقي
السماء صحو أو تظهر بها بعض السحاب الوسط
درجة الحرارة حول المعدل.

Station	Mean of day Humidity % on 29th	Diff. from normal	Wet bulb temp °C on 29th	Diff. from normal
Alexandria	55	-16	18.2	-0.5
Ezbekiya	37	-17	20.5	+0.3
Giza	43	-9	20.2	+0.9
Helwan	25	-14	17.9	+1.4

Giza Grass minimum on 30th 17.4°C

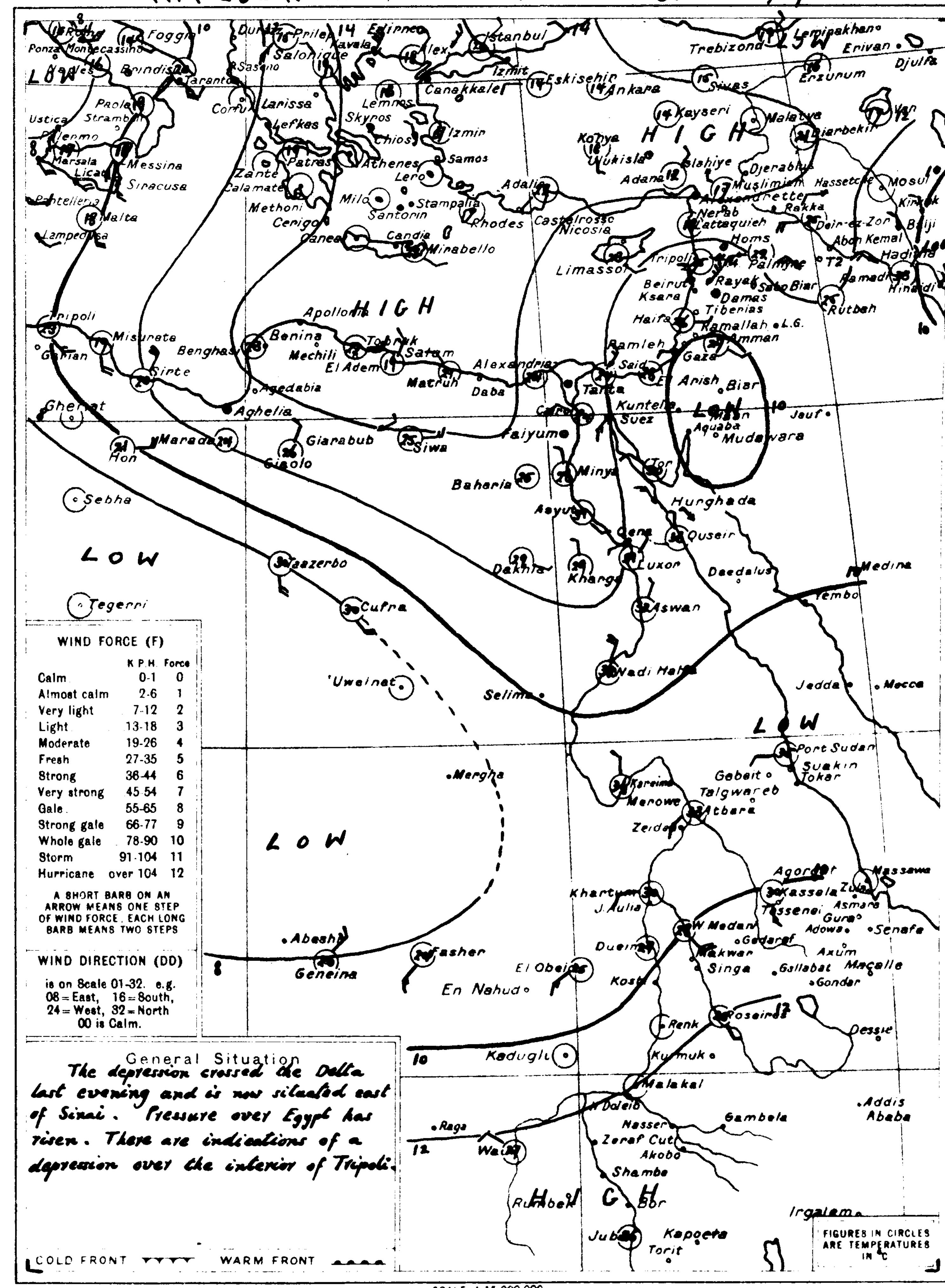
Discharges at Aswan measured by sluices m^3 per sec

DATE	1939	1938
30-5	1354	1180
29-5	1354	1180

GAUGE	Date 1939	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Jûba	29-5	1339	-0.13	13.30	-0.23
Nasser	29-5	7.68	+0.75	7.70	+0.82
Malakal	30-5	11.08	+0.58	11.02	+0.59
Roseires	30-5	12.52	+0.15	12.61	+0.27
Sennâr Res	29-5	7.76	—	8.24	—
J. Aulia U.S	29-5	371.67	—	371.67	—
J. Aulia D.S	29-5	371.13	+0.12	371.13	+0.14
Khartûm	30-5	10.65	+0.28	10.59	+0.20
Kh. el Girba					
'Atbara	29-5	10.26	+0.22	10.26	+0.23
Kajnarti	29-5	132.26	+0.31	132.29	+0.34
Aswân Res	30-5	117.58	—	117.66	—
Aswân D.S	30-5	86.52	+0.53	86.52	+0.55
Rôda (Cairo)	30-5	15.84	+0.38	15.86	+0.40

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 30-5-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The depression crossed the Delta last evening and is now situated east of Sinai. Pressure over Egypt has risen. There are indications of a depression over the interior of Tripoli.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 30th — الساعة ٨ يوم ٣٠

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	Humidity % UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	12	2	6	0	—	13.0	+1.5	23	—	—	—	—	—	2	605	457
Haifa	01	—	08	1	—	3	—	11.2	+1.2	26.3	27	-2	20	+2	33	0	352	645
Gaza																	—	376
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 54 m
" " Sunset 18 h 51 m

Month MAY 1939 ١٩٣٩ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

١٩٣٩ - ٥ - ٣١

At 14 h. on 30/5 (الساعة ١٤ يوم ٣٠/٥)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN										
SALÛM	01	8	02	4	0	2	Cu	14.8	21.3	71
MATRÛH	00	7	02	2	0	0	—	14.7	23.1	83
DIKHEILA	00	8	32	3	0	0	—	15.6	23.2	88
ALEXANDRIA	00	9	04	2	0	0	—	15.0	25.0	70
DAMIETTA										
PORT SAÎD	00	7	28	3	0	0	—	13.9	28.1	60
EL 'ARÎSH	00	7	28	3	0	0	—	14.7	27.2	65
EGYPT (Delta)										
DAMANHÛR										
MANSÛRA										
TANTA	00	8	00	0	0	0	—	14.0	32.5	36
ZAGÂZIG	00	8	26	2	0	0	—	13.8	33.9	34
MIDDLE EGYPT										
CAIRO ALMÂZA	01	8	24	2	0	2	Ac	14.0	33.9	12
CAIRO EZBEKIYA	01	8	20	1	0	3	Ac	13.6	33.5	25
CAIRO GÎZA	01	8	00	0	0	3	Ac	13.8	35.0	28
HELWÂN	01	8	28	3	0	2	Ac	13.6	32.6	18
SUEZ	00	9	28	3	0	0	—	12.8	35.3	24
UPPER EGYPT										
FAIYÛM	02	8	30	1	0	4	Ac	12.4	34.6	20
MINYA	02	7	30	3	2	4	Cs	13.4	35.5	20
ASYÛT	01	6	26	3	1	3	Cs	11.8	38.0	16
QENA	00	8	12	2	1	0	—	10.6	38.9	25
LUXOR	00	8	32	1	0	0	—	10.7	39.0	21
ASWÂN	02	7	32	3	1	5	Cu	10.0	39.8	14
WESTERN DESERT										
SÎWA	00	8	08	3	1	0	—	12.0	35.2	35
BAHARÎYA	00	9	00	0	0	0	—	13.1	36.0	20
KHÂRGA	00	8	32	1	0	0	—	10.4	41.2	24
DÂKHLA	05	5	26	1	0	0	—	11.4	40.0	31
RED SEA										
TÛR	01	6	32	3	0	1	Cu	11.2	36.1	35
HURGHÂDA	00	9	02	3	0	0	—	11.5	35.7	25
QUSEIR	00	7	32	2	0	0	—	11.6	36.0	20
PORT SUDAN										
NORTH SUDAN										
WÂDI HALFA										
KAREIMA										
'ATBARA										
KHARTÛM										
KASSALA										
CENTRAL SUDAN										
WAD MEDANI										
DUEIM										
RENK										
ROSEIRES										
EL OBEID										
EL FASHER										
GENEINA										
KADUGLI										
S. SUDAN										
MALAKÂL										
WÂU										
JÛBA										

At 8 h. on WEDNESDAY 31st (الساعة ٨ يوم الاربعاء ٣١)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
SALÛM	00	7	06	2	0	0	—	14.3	+0.5	20.1	22	—	16	—	82	0	82	—	130
MATRÛH	01	7	08	3	0	2	As	14.3	+0.9	23.3	24	-2	18	+1	83	0	122	160	131
DIKHEILA	01	8	06	3	1	3	Sc	16.0	—	23.0	25	—	17	—	83	0	94	—	150
ALEXANDRIA	02	9	12	2	2	4	Ac	15.4	+2.1	23.0	27	0	18	-1	74	0	166	185	132
DAMIETTA	00	8	10	2	1	0	—	15.1	—	25.0	29	—	20	—	70	0	70	107	159
PORT SAÎD	01	7	06	3	1	3	Ci	15.1	+3.4	24.5	30	+2	21	+1	69	0	64	80	134
EL 'ARÎSH	00	6	00	0	0	0	—	15.2	—	24.8	29	—	17	—	66	0	130	93	135
DAMANHÛR	00	7	08	3	0	0	—	15.6	+2.4	25.1	31	-1	16	0	69	0	29	103	136
MANSÛRA	00	8	02	1	0	0	—	15.5	—	25.3	34	+1	19	+2	63	0	46	55	137
TANTA	00	8	08	1	0	0	—	15.4	+2.0	24.4	33	-1	18	+1	71	0	41	43	138
ZAGÂZIG	00	8	10	3	0	0	—	15.2	—	26.8	34	+1	18	+1	60	0	31	29	139
CAIRO ALMÂZA	00	7	08	4	0	0	—	14.7	—	30.2	35	—	20	—	24	0	18	—	141
CAIRO EZBEKIYA	00	6	06	2	0	0	—	14.0	+1.6	29.8	36	+2	21	+3	31	0	23	27	—
CAIRO GÎZA	00	7	00	0	0	0	—	14.3	+1.4	28.0	36	+2	21	+5	38	0	23	27	—
HELWÂN	00	8	06	3	0	0	—	14.0	+1.3	29.4	34	+1	21	+2	17	0	26	29	143
SUEZ	00	7	32	2	0	0	—	14.8	+2.8	24.5	37	+3	21	+1	66	0	27	18	144
FAIYÛM	00	7	06	2	0	0	—	14.0	+1.3	28.2	37	+2	19	0	46	0	7	8	153
MINYA	00	6	02	1	0	0	—	12.7	+1.1	28.0	36	+1	21	+3	30	0	4	—	154
ASYÛT	00	7	12	3	0	0	—	11.9	+0.4	31.1	40	+4	23	+3	27	0	2	4	155
QENA	00	8	04	1	0	0	—	12.0	+2.2	31.9	41	+1	22	+1	32	0	dr	—	156
LUXOR	00	8	04	1	0	0	—	12.4	—	32.0	41	—	21	—	30	0	dr	—	157
ASWÂN	00	7	00	0	0	0	—	11.9	+1.9	31.0	41	0	25	+1	28	0	1	—	158
SÎWA	00	8	00	0	0	0	—	12.8	-0.2	27.0	38	+3	22	+5	49	0	7	8	148
BAHARÎYA	02	9	00	0	1	4	—	13.8	—	27.2	37	—	21	—	49	0	1	—	149
KHÂRGA	00	8	00	0	0	0	—	12.0	+1.6	32.8	42	+3	23	+1	47	0	dr	tr	151
DÂKHLA	05	4	06	1	0	0	—	12.3	+0.8	31.0	42	+3	22	+1	47	0	dr	—	152
TÛR	00	6	28	3	0	0	—	12.4	+2.8	26.0	39	+7	21	0	88	0	20	13	145
HURGHÂDA	00	9	30	2	0	0	—	13.3	+3.3	31.0	37	+3	22	0	43	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	12.4	+2.5	31.6	38	+5	26	+1	49	0	tr	6	147
PORT SUDAN	00	—	32	5	0	0	—	10.3	+2.2	37.0	38	+1	33	+8	48	0	81	109	169
WÂDI HALFA	00	8	02	2	0	0	—	10.9	+1.3	32.0	43	+3	25	+3	24	—	—	—	165
KAREIMA	05	7	02	4	0	0	—	9.2	+0.7	34.1	44	+1	30	+5	27	0	3	4	166
'ATBARA	00	—	14	3	0	0	—	9.5	+2.1	35.8	43	+1	31	+6	27	0	6	8	167
KHARTÛM	01	8	18	3	1	2	Ac	8.9	+0.8	31.4	42	0	28	+2	48	0	15	8	168
KASSALA	00	8	14	3	0	0	—	10.0	+1.5	30.3	40	0	26	+1	53	0	39	25	170
WAD MEDANI	00	—	18	5	0	0	—	9.1	+0.8	32.5	40	-1	25	+1	34	0	33	27	171
DUEIM	00	—	—	3	0	0	—	9.1	+0.1	29.2	38	-2	26	+3	57	0	30	24	173
RENK																		—	182
ROSEIRES	00	—	14	1	0	0	—	10.7	+0.6	25.9	38	+1	22	-1	66	dr	93	109	172
EL OBEID	01	8	18	3	0	3	Ac	9.6	-0.2	28.0	36	-2	24	+2	63	dr	32	34	174
EL FASHER	01	8	00	0	1	4	Cu, Ac	—	—	27.6	37	-2	22	+1	44	0	17	16	175
GENEINA	02	8	24	2	2	5	Ac, Ci	—	—	26.5	35	—	24	—	49	0	50	—	179
KADUGLI																		—	187
MALAKÂL	02	8	04	2	2	5	Ac	10.8	-0.3	27.8	33	-1	23	+1	70	dr	265	204	176
WÂU	00	—	04	1	0	0	—	10.0	-0.2	27.0	31	-3	22	+1	77	0	311	376	177
JÛBA	01	8	00	0	0	4	Cu	11.4	-0.7	26.3	—	—	23	+2	84	—	524	400	178

UPPER WINDS (الرياح العليا)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	SALUM 30th
7 h. m.	7 h. m.	9 h. m.	8 h. m.	8 h. m.	7 h. m.	7 h. m.	7 h. m.	5 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	13 h. m.
02.09.10	01.11.25	02.09.20	02.09.15	02.09.15	02.12.20	06.09.30	03.06.25	06.18.50	06.18.65	06.19.15	07.34.25	06.08.05		02.07.15
05.10.45	05.10.30	05.07.20	05.08.20	05.07.20	05.11.35	10.07.25	06.07.50	10.17.55	10.20.60	10.22.25	10.36.10	10.09.05		05.14.20
08.14.40	10.14.20	10.04.10	10.03.25	08.05.30	10.18.20	15.03.20	10.05.45		15.23.40	15.22.20	15.16.10	15.03.10		10.22.05
10.17.40	15.21.30	12.03.05	15.34.15	10.03.25	15.24.30	20.36.30	15.03.35		20.25.30	20.08.15	19.16.25	20.04.15		15.27.20
15.26.10		14.25.10	20.30.25	15.35.20	20.28.30		20.03.30		25.30.20	30.05.35		30.09.25		20.23.40
16.29.15		15.25.15	25.29.40	20.32.20			30.03.25		30.34.10	40.02.90		40.07.30		25.23.55
20.33.35		20.28.30	30.27.35	23.30.30			35.32.20		40.05.45			50.04.30		30.25.50
25.31.65				25.27.30					50.06.60			57.05.10		
				30.27.45					60.06.65					
				34.28.50					70.07.90					

Forecast for 24 hours from noon on 31st

Light northeast winds veering to east and southeast and freshening.
Some high cloud developing.
Warmer tomorrow.
Farther outlook: Warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣١
رياح خفيفة شمالية شرقية تتحول الى الشرقية أو
الجنوبية الشرقية وتشتد نوعاً
يتكون بعض السحاب العالي
تزداد الحرارة الغدا وسيستمر حاراً فيما بعد

STATION	Mean of day: Humidity % on 30th	Humidity Diff. from normal	Wet Bulb Temp. °C on 30th	Wet Bulb Diff. from normal
Alexandria	73	+2	20.3	+1.5
Ezbekiya	46	-8	20.2	-0.1
Gîza	49	-4	20.8	+1.4
Helwân	33	-6	17.9	+1.3

Gîza Grass minimum on 31st 18.1°C

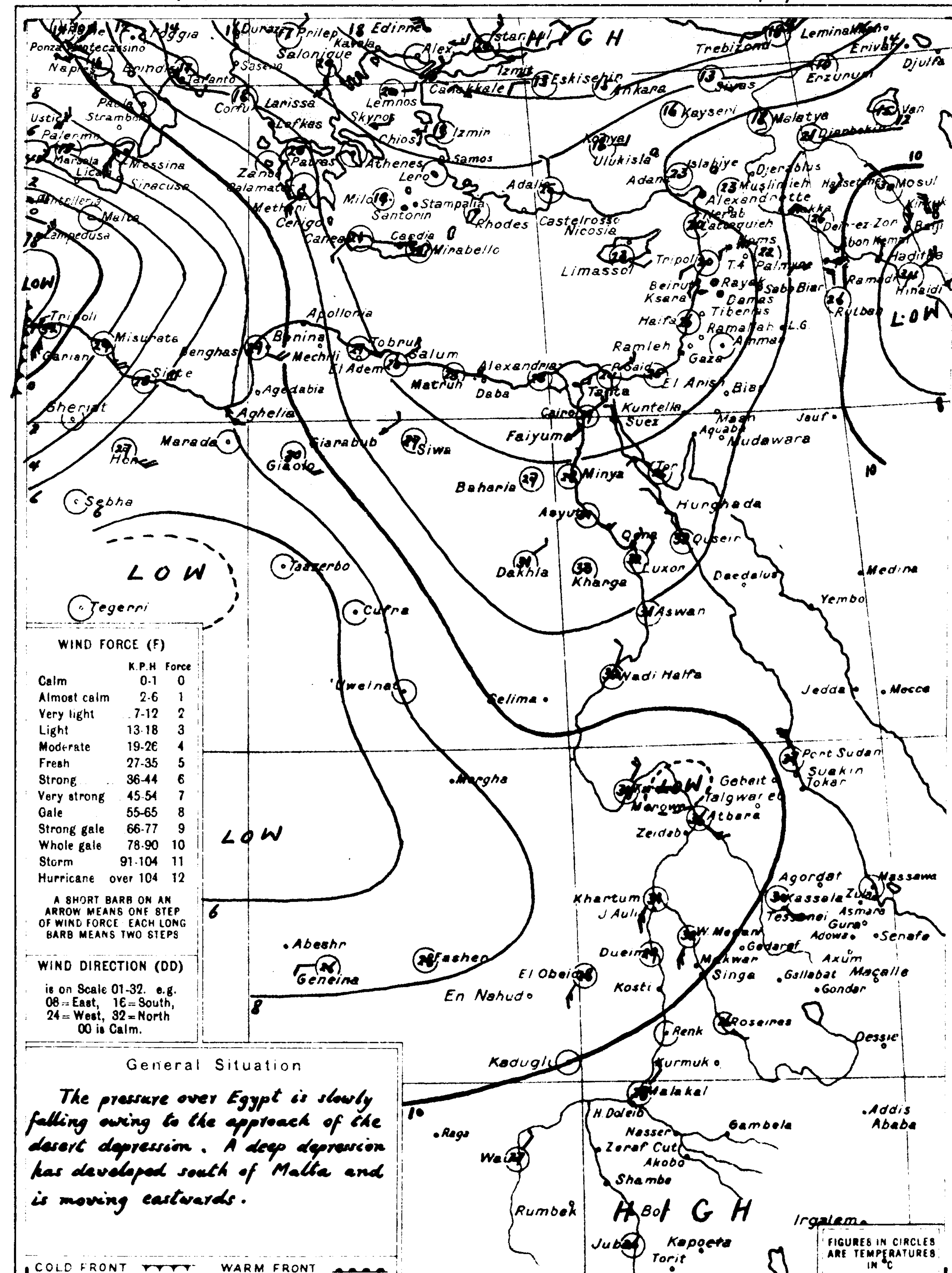
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
31-5	1354	1181
30-5	1358	1180

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-5	13.30	-0.21	13.39	-0.13
Nâsser	30-5	7.70	+0.73	7.68	+0.75
Malakâl	31-5	11.05	+0.57	11.04	+0.58
Roseires	30-5	12.52	+0.15	12.61	+0.27
Sennâr Res	30-5	7.57	—	7.76	—
J. Aulia U.S	30-5	371.66	—	371.67	—
J. Aulia D.S	30-5	371.17	+0.15	371.13	+0.12
Khartûm	30-5	10.65	+0.24	10.59	+0.20
Kh. el Girba					
'Atbara	30-5	10.26	+0.20	10.26	+0.22
Kajnarti	30-5	132.22	+0.28	132.26	+0.31
Aswân Res.	31-5	117.43	—	117.58	—
Aswân D.S.	31-5	86.52	+0.51	86.52	+0.53
Roda (Cairo)	31-5	15.88	+0.42	15.84	+0.38

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 31-5-1939



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The pressure over Egypt is slowly falling owing to the approach of the desert depression. A deep depression has developed south of Malta and is moving eastwards.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 31st (الساعة ٨ يوم ٣١)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	10	2	0	0	—	14.7	+3.2	23	—	—	—	—	—	0	608	457
Haifa	00	—	00	0	—	0	—	15.8	+5.9	26.0	32	+3	19	+1	55	0	552	646
Gaza																	—	376
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, new Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 54
„ „ Sunset 18 51

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month June 1939 ١٩٣٩ شهر يونيه

At 14 h. on 31-5 — الساعة ١٤ يوم ٣١/٥

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN										
SALÛM	02	8	02	4	1	4	Cs	13.5	21.8	75
MATRÛH	00	7	06	5	0	0	—	13.8	24.0	91
DIKHEILA	01	8	02	4	0	3	Ci	15.1	23.4	95
ALEXANDRIA	01	9	02	4	2	3	Ac	14.4	26.0	75
DAMIETTA										
PORT SAÎD	00	7	02	3	1	0	—	14.2	27.0	67
EL 'ARÎSH	00	7	32	4	0	0	—	14.4	26.3	72
LOWER EGYPT										
DAMANHÛR										
MANSÛRA										
TANTA	00	8	16	2	0	0	—	13.9	34.0	29
ZAGÂZIG	00	8	02	2	0	0	—	13.3	35.4	26
MIDDLE EGYPT										
CAIRO ALMÂZA	01	8	32	2	0	2	Ci	12.6	37.0	14
CAIRO EZBEKIYA	00	8	04	2	0	0	—	13.0	36.8	16
CAIRO GIZA	00	9	30	1	0	0	—	12.0	36.5	19
HELWÂN	00	7	32	2	0	0	—	11.8	36.6	09
SUEZ	01	9	02	2	1	4	Ac	12.7	34.9	24
UPPER EGYPT										
FAIYÛM	00	8	02	1	0	0	—	11.5	37.8	14
MINYA	01	7	32	2	1	4	As	10.4	39.2	17
ASYÛT	00	6	08	2	0	0	—	9.8	39.6	19
QENA	00	8	30	1	0	0	—	10.0	39.6	23
LUXOR	00	8	22	1	0	0	—	9.5	41.2	22
ASWÂN	00	7	32	3	0	0	—	8.2	41.5	10
WESTERN DESERT										
SÎWA	00	8	08	1	1	0	—	11.2	38.2	39
BAHARÎYA	00	9	00	0	0	0	—	10.8	40.0	15
KHÂRGA	00	8	04	1	0	0	—	8.8	42.9	20
DÂKHLA										
RED SEA										
TÔR	01	6	28	5	0	4	Cc	9.9	32.0	60
HURGHÂDA	00	9	06	2	0	0	—	11.1	33.4	38
QUSEIR	00	7	32	2	0	0	—	12.2	31.0	34
PORT SUDAN										

At 8 h. on THURSDAY 1st — الساعة ٨ يوم الخميس اول

STATION	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																			
SALÛM	64	6	12	3	5	8	Ns	8.0	-5.8	23.2	23	—	20	—	45	dr	82	—	130
MATRÛH	03	6	10	5	2	8	As	8.6	-4.8	23.7	25	-1	20	+3	82	0	122	160	131
DIKHEILA	01	8	10	2	0	3	Cs	13.6	—	25.0	30	—	17	—	77	0	94	—	150
ALEXANDRIA	01	9	12	1	2	3	Ac	12.8	-0.5	23.8	30	+2	20	+1	71	0	166	185	132
DAMIETTA	01	7	10	2	0	3	Cc	12.7	—	25.8	30	—	21	—	75	0	70	107	159
PORT SAÎD	00	8	00	0	0	0	—	13.0	+1.3	25.0	28	0	22	+2	64	0	64	80	134
EL 'ARÎSH	00	7	12	2	0	0	—	13.3	—	25.0	32	—	15	—	43	0	130	93	135
LOWER EGYPT																			
DAMANHÛR	01	7	08	3	1	3	Ci	13.0	-0.2	26.0	35	+3	19	+3	62	0	29	103	136
MANSÛRA	01	8	02	2	1	3	Sc	12.6	—	26.2	35	+2	19	+2	44	0	46	55	137
TANTA	00	8	32	1	0	0	—	13.1	-0.2	26.0	35	+1	19	+2	48	0	41	43	138
ZAGÂZIG	01	8	10	2	1	2	Cs	12.4	—	27.9	35	+2	19	+2	46	0	31	29	139
MIDDLE EGYPT																			
CAIRO ALMÂZA	05	6	08	4	0	3	Cs	11.6	—	32.0	37	—	22	—	25	0	18		141
CAIRO EZBEKIYA	05	5	26	1	1	3	Cs	11.0	-1.3	29.1	38	+4	21	+3	45	0	23	27	—
CAIRO GIZA	05	5	30	1	0	0	—	11.2	-1.7	25.2	38	+4	17	+1	57	0	23	27	—
HELWÂN	05	6	28	1	0	3	Ci	11.4	-1.3	27.1	38	+4	23	+4	34	0	26	29	143
SUEZ	01	7	00	0	0	0	—	12.2	+0.2	29.9	36	+2	21	+1	46	0	27	18	144
UPPER EGYPT																			
FAIYÛM	01	7	00	0	0	3	Ac	11.0	-1.7	29.3	39	+4	20	+1	38	0	7	8	153
MINYA	00	5	28	2	0	0	—	10.0	-1.5	30.0	40	+5	22	+4	35	0	4	—	154
ASYÛT	00	7	12	3	0	0	—	10.6	-0.8	31.0	42	+6	23	+3	32	0	2	4	155
QENA	00	8	04	2	0	0	—	10.7	+1.0	32.0	41	+1	24	+2	30	0	dr	—	156
LUXOR	00	8	04	1	0	0	—	10.8	—	32.3	43	—	22	—	32	0	dr	—	157
ASWÂN	00	7	00	0	0	0	—	9.6	-0.4	32.0	42	+1	26	+2	19	0	1	—	158
WESTERN DESERT																			
SÎWA	03	7	08	2	2	8	Cu	7.5	-5.5	29.9	40	+5	24	+6	65	0	7	8	148
BAHARÎYA	00	9	00	0	0	0	—	10.3	—	31.0	40	—	23	—	25	0	1	—	149
KHÂRGA																	dr	tr	151
DÂKHLA	05	6	12	1	0	0	—	10.4	-1.1	33.1	43	+3	25	+4	46	0	dr	—	152
RED SEA																			
TÔR	00	6	28	2	0	0	—	10.7	+1.2	27.5	34	+2	20	-1	75	0	20	13	145
HURGHÂDA	00	9	28	2	0	0	—	11.1	+1.1	29.3	35	+1	22	0	50	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	11.1	+1.3	30.0	33	0	26	+1	54	0	tr	6	147
PORT SUDAN	00	—	16	1	0	0	—	8.2	+0.2	35.7	41	+4	32	+7	37	0	81	109	169
NORTH SUDAN																			
WADI HALFA	00	8	00	0	0	0	—	9.3	-0.3	31.5	44	+4	28	+6	27	—	—	—	165
KAREIMA	05	7	02	3	0	0	—	9.6	+1.2	32.8	43	0	27	+2	25	0	3	4	166
'ATBARA	00	—	12	1	0	0	—	8.7	+1.4	34.5	43	+1	27	+1	20	0	6	8	167
KHARTÛM	00	8	08	1	0	0	—	8.6	+0.5	33.0	43	+1	26	0	34	0	15	8	168
KASSALA	00	8	16	2	0	0	—	6.7	-1.9	33.0	40	0	26	+1	25	0	39	25	170
CENTRAL SUDAN																			
WAD MEDANI	00	—	32	1	0	0	—	7.8	-0.5	32.5	40	-1	23	-1	29	0	34	27	171
DUEIM	00	—	—	3	0	0	—	9.1	+0.1	30.2	40	0	27	+4	54	8	38	25	173
RENK									—			—		—				—	182
ROSEIRES																		111	172
EL OBEID	00	8	26	2	0	0	—	7.8	-2.0	29.4	39	+1	24	+2	52	2	34	34	174
EL FÂSHER	02	8	00	0	1	6	AcAs	—	—	27.2	40	+1	25	+4	49	dr	17	16	175
GENEINA	01	8	00	0	1	3	Ac	—	—	23.6	39	—	20	—	75	2	52	—	179
KADUGLI																		—	187
S. SUDAN																			
MALAKÂL	01	8	20	2	1	4	Ac	9.3	-1.8	27.0	37	+3	23	+1	75	12	277	207	176
WÂU	02	—	20	2	0	4	—	8.4	-1.8	26.0	35	+1	24	+3	76	0	311	381	177
JUBA	00	8	20	3	0	0	—	10.5	-1.6	26.4	35	+2	22	+1	84	0	524	403	178

UPPER WINDS — الرياح العليا 1st اول

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 5 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA	SALUM 31-5 12 h.
02.13.20	02.12.60	02.11.30	02.07.15	02.30.10	02.13.20	02.02.15	03.03.10	06.07.55	06.31.15	06.29.15	07.24.15	06.25.10		02.06.20
05.13.—	05.12.55	05.09.20	05.08.25	05.10.15	05.12.30	05.34.05	06.02.15	15.05.55	10.35.20	10.31.15	10.20.10	10.00.00		05.12.30
10.16.65	10.16.55	08.11.10	10.31.10	08.08.20	10.06.20	10.10.10	10.02.10	20.03.35	15.06.25	15.33.30	15.15.10	15.11.05		10.17.30
15.18.70	15.19.30	09.08.10	15.01.05	10.36.10	15.02.20	15.03.15	15.36.15	25.02.25	20.09.45	20.34.45	20.18.10	20.05.15		15.17.05
		10.34.65	20.01.15	15.34.15	20.05.30	20.00.00	20.01.25	30.33.15	25.09.30	30.05.10	24.17.15	30.07.30		16.09.05
		15.31.10	25.30.25	20.03.05			30.01.35	40.01.05	30.07.45			34.10.35		17.01.15
		20.30.05		23.01.15			34.01.35	50.05.10	40.04.55					20.35.30
		23.32.05		25.33.20				60.04.25	50.03.50					25.33.35
		24.01.10		30.31.35					60.04.45					30.30.35
		25.03.10												35.27.30

Forecast for 24 hours from noon on 1st

In the west moderate southeast winds becoming fresh to strong and veering later to westerly, with dust storms. Inland moderate east to southeast winds, veering to west tomorrow.

Clear at first, medium cloud later, possibly with light showers near the coast.

Khamsin conditions breaking tomorrow.

تغيرات الطقس المنتظرة في ١٤ ساعة من ظهر يوم اول
تهب في الغرب رياح معتدلة جنوبية شرقية تشتد فيما بعد وتتحول الى غربية مصحوبة بعواصف ترابية وتهب في الداخل رياح معتدلة شرقية الى جنوبية شرقية تتحول غدا الى غربية
السماء صحو في الابتداء ثم يتكون السحاب المتوسط مع احتمال سقوط طرطشة خفيف بالقرب من الساحل وتنكسر حدة الخماسين غدا

STATION	Mean of day Humidity % on 31-5	Diff. from normal	Wet bulb temp. °C on 31-5	Diff. from normal
Alexandria	80	+9	21.3	+2.4
Ezbekiya	28	-26	19.4	-1.0
Giza	35	-18	19.8	+0.4
Helwân	17	-22	17.3	+0.6

Giza Grass minimum on 1st 15.4°C

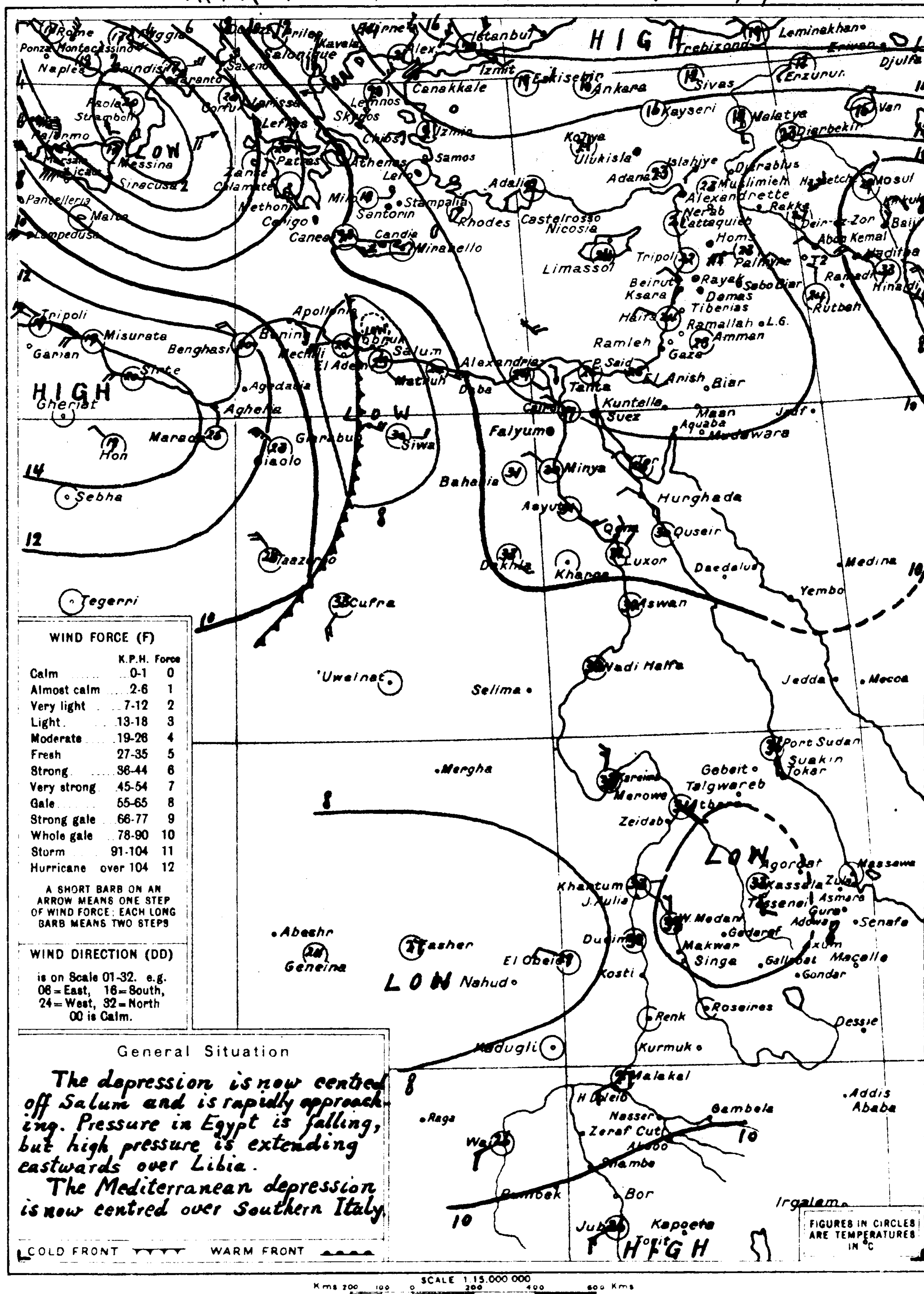
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
1-6	1459	1192
31-5	1354	1181

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31-5	13.39	-0.11	13.30	-0.21
Nâsser	31-5	7.75	+0.70	7.70	+0.73
Malakâl	1-6	11.06	+0.56	11.05	+0.57
Roseires	31-5	12.78	+0.39	12.52	+0.15
Sennâr Res	31-5	7.01	—	7.37	—
J. Aulia U.S	31-5	371.69	—	371.66	—
J. Aulia D.S	31-5	371.15	+0.12	371.17	+0.15
Khartûm	31-5	10.70	+0.27	10.65	+0.24
Kh. el Girba					
'Atbara	31-5	10.26	+0.18	10.26	+0.20
Kajnarti	31-5	132.22	+0.28	132.22	+0.28
Aswân Res.	1-6	117.28	—	117.45	—
Aswân D.S.	1-6	86.65	+0.62	86.52	+0.51
Rôda (Cairo)	1-6	15.88	+0.42	15.88	+0.42

Printed by the Survey & Mines Dept. 1938 (35 5541)

Isobars, Wind and Temperature at 8 h. 1-6-1939. ١-٦-١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The depression is now centred off Salum and is rapidly approaching. Pressure in Egypt is falling, but high pressure is extending eastwards over Libia.

The Mediterranean depression is now centred over Southern Italy.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 1st — الساعة ٨ يوم اول

STATION	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	6	00	0	3	8	—	13.3	+1.9	24	—	—	—	—	—	0	605	458
Haifa	01	—	26	1	—	3	—	13.8	+4.0	24.5	25	-4	19	+1	60	0	552	645
Gaza																	—	376
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 04 54
Sunset 18 52

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 1-6 (الساعة ١٤ يوم ٦/١) — At 8 h. on FRIDAY 2nd (الساعة ٨ يوم الجمعة ٢)

STATION	14h Present weather	14h Visibility	14h Wind Dir.	14h Wind Force	14h Past weather	14h Cloud Amount	14h Cloud Form	14h Bar. press. M.S.L. 1000+ mbs.	14h Temp.	14h % Humidity	8h Present weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALUM	03	0	28	6	5	8	As	6.4	24.9	68	03	8	26	5	2	8	Sc	11.5	-2.2	16.6	33	—	15	—	76	dr.	82	—	130
MATRUH	03	6	08	4	2	8	As	3.4	27.4	68	03	6	26	6	2	8	Cb	10.3	-3.0	19.9	35	+9	19	+2	89	dr	122	160	131
DEKHEILA	03	8	02	3	2	7	As	11.1	26.0	87	03	7	26	5	5	8	Cu	9.1	—	21.5	36	—	20	—	89	dr.	94	—	150
ALEXANDRIA	03	8	00	0	2	7	As	10.7	25.8	78	03	8	28	6	2	7	As	8.6	-4.6	21.6	36	+8	20	+1	81	0	166	185	132
DAMIETTA											63	8	26	2	2	8	As	4.8	—	26.2	29	—	23	—	69	0	70	107	159
PORT SAID	00	8	04	3	0	0	—	11.6	26.5	67	01	8	04	3	1	3	Cc	4.8	-6.9	25.0	28	0	24	+4	77	0	64	80	134
EL ARISH	00	7	32	4	0	0	—	11.5	26.8	58	00	6	16	2	0	0	—	3.9	—	32.5	32	—	18	—	24	0	130	93	135
DAMANHUR											03	6	24	5	2	8	As	8.6	-4.5	22.8	37	+5	21	+4	78	0	29	103	136
MANSURA											01	4	30	3	1	4	Ac	5.6	—	23.9	37	+3	23	+5	76	0	46	55	137
TANTA	00	8	12	1	0	0	—	9.9	36.5	28	03	7	28	5	2	8	As	7.8	-5.5	24.2	37	+3	22	+4	79	0	41	43	138
ZAGAZIG	00	8	04	2	0	0	—	9.6	37.4	24	01	7	20	2	1	3	Cs	7.8	—	27.4	37	+4	19	+2	66	0	31	29	139
ALMAZA	00	8	08	1	0	0	—	9.3	39.8	16	05	6	22	4	2	5	Ci	8.6	—	25.2	41	—	24	—	74	0	18	—	141
EZBEKIYA	01	8	00	0	0	3	Ci	8.7	39.4	15	02	5	24	2	1	4	Ci	7.8	-4.5	26.0	41	+7	24	+6	67	0	23	27	—
GIZA	01	8	00	0	0	3	Cs	8.4	40.0	17	05	5	30	1	1	4	Ci	8.3	-4.5	25.0	41	+7	23	+7	69	0	23	27	—
HELWAN	01	8	14	1	0	4	Ci	7.9	39.0	12	05	4	28	5	0	4	Ci	8.0	-4.7	23.9	41	+7	23	+4	69	0	26	29	143
SUEZ	00	9	06	1	0	0	—	9.8	36.2	28	02	7	14	2	1	4	As	5.4	-6.6	30.0	38	+4	26	+6	43	0	27	18	144
FAIYUM	02	8	32	2	0	5	Ac	8.6	38.9	14	05	5	00	0	0	8	As	9.1	-3.6	27.1	40	+4	23	+4	59	0	7	8	153
MINYA	00	8	28	2	0	0	—	8.8	39.7	16	02	4	28	4	2	5	Cs	9.0	-2.4	27.0	46	+5	25	+7	52	0	4	—	154
ASYUT	00	7	32	1	0	0	—	8.4	41.4	20	00	5	22	3	0	0	—	8.3	-3.1	29.8	43	+7	26	+5	36	0	2	4	155
QENA	00	8	22	2	0	0	—	8.4	40.0	22	00	8	08	2	0	0	—	7.4	-2.2	32.1	42	+2	29	+7	43	0	dr.	—	156
LUXOR	00	8	02	1	0	0	—	8.2	40.5	—	00	8	22	1	0	0	—	7.6	—	34.1	43	—	24	—	31	0	dr	—	157
ASWAN	00	7	32	1	0	0	—	6.6	41.6	16	00	7	00	0	0	0	—	7.8	-2.1	32.7	43	+2	26	+2	31	0	1	—	158
SIWA	03	6	22	4	2	8	Sc	7.5	42.0	12	03	7	26	1	2	6	Cu	13.8	+0.9	19.4	42	+7	16	-2	77	0	7	8	148
BAHARIYA	02	9	24	1	1	4	—	7.5	40.0	22	00	9	32	1	0	0	—	11.2	—	22.0	45	—	21	—	74	0	1	—	149
KHARGA	00	8	04	1	0	0	—	6.2	43.4	17	00	8	00	0	0	0	—	8.6	-1.8	32.5	45	+6	26	+4	—	0	dr.	tr	151
DAKHLA	05	7	00	0	1	1	Ci	7.5	44.4	34	13	3	30	5	4	0	—	10.2	-1.2	30.8	45	+5	26	+5	60	0	dr	—	152
TOR	00	6	24	2	0	0	—	8.7	32.5	55	00	6	16	2	0	0	—	6.3	-3.1	35.5	34	+2	22	0	38	0	20	13	145
HURGHADA	00	9	06	1	0	0	—	9.5	33.9	31	00	9	14	1	0	0	—	7.2	-2.7	32.6	36	+2	22	0	41	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	10.4	31.5	37	00	7	32	1	0	0	—	7.9	-1.8	32.7	33	0	25	0	32	0	tr	6	147
PORT SUDAN											00	—	02	2	0	0	—	7.5	-0.4	36.5	38	+1	32	+7	17	0	81	109	169
WADI HALFA											00	8	02	1	0	0	—	6.9	-2.7	30.8	45	+5	24	+2	32	—	—	—	165
KAREIMA											05	7	30	2	0	1	Ci	7.6	-0.8	33.0	44	+1	25	0	21	0	3	4	166
ATBARA											00	—	08	2	0	0	—	6.3	-1.0	34.0	43	+1	25	-1	08	0	6	8	167
KHARTUM											05	6	00	0	1	1	Ci	6.2	-1.9	32.3	44	+3	27	+1	23	0	15	8	168
KASSALA											00	8	14	2	0	0	—	5.4	-3.3	32.1	42	+2	28	+3	33	0	39	26	170
WAD MEDANI											00	—	22	5	0	0	—	5.6	-2.7	32.0	43	+2	26	+2	34	0	34	28	171
DUEIM											00	—	—	3	0	0	—	7.4	-1.6	29.4	41	+1	25	+2	51	0	38	25	173
RENK																												—	182
ROSEIRES											00	—	10	1	0	0	—	6.6	-3.6	30.2	40	+3	24	+1	50	0	93	115	172
EL OBEID											00	8	22	3	0	0	—	6.8	-3.1	28.8	41	+3	25	+3	52	0	34	35	174
EL FASHER											02	8	02	2	1	5	AcCu	—	—	28.4	39	0	22	+1	51	dr	17	17	175
GENEINA											01	8	24	1	1	3	Ac	—	—	27.4	39	—	25	—	56	0	52	—	179
KADUGLI																												—	187
MALAKAL											02	8	18	2	1	5	AsAc	8.4	-2.8	24.9	35	+1	21	-1	76	8	285	212	176
WAU											01	—	20	1	6	4	—	8.1	-2.1	24.2	36	+2	22	+1	82	10	321	387	177
JUBA											03	8	04	1	0	6	Cu	11.3	-0.9	24.4	37	+4	22	+1	83	0	524	408	178

UPPER WINDS — 2nd

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h	MATRUH	DEKHEILA 7 h	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA 3 h	KAREIMA 5 h	KHARTUM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	SALUM 1st 13 h
02.33.30		01.31.45					03.04.15	06.05.45	06.15.20	06.26.05	07.26.15	06.17.25		02.30.40
10.32.10		03.31.45					06.04.40	10.06.45	10.07.45	10.28.05	10.26.20	10.13.20		05.—.—
15.30.65		05.31.40					10.03.35	15.07.55	15.05.50	15.06.05	15.24.20	15.13.15		08.30.10
20.27.40		ent. Clds.					15.03.30	20.08.60	20.03.70	20.09.05	20.22.10	20.09.20		10.18.25
25.27.60							20.05.20	25.19.50	25.04.80		30.21.10	30.06.35		15.21.45
30.35.60							25.04.20	30.14.55	30.05.60		33.19.05	40.06.35		20.23.55
									40.05.40			45.07.35		23.23.65
									50.04.30					
									60.03.20					

Forecast for 24 hours from noon on 2nd

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢

STATION	Mean of day Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	58	-14	21.7	+2.7
Ezbekiya	31	-23	20.8	+0.3
Giza	36	-17	20.5	+0.1
Helwan	19	-21	18.6	+1.3

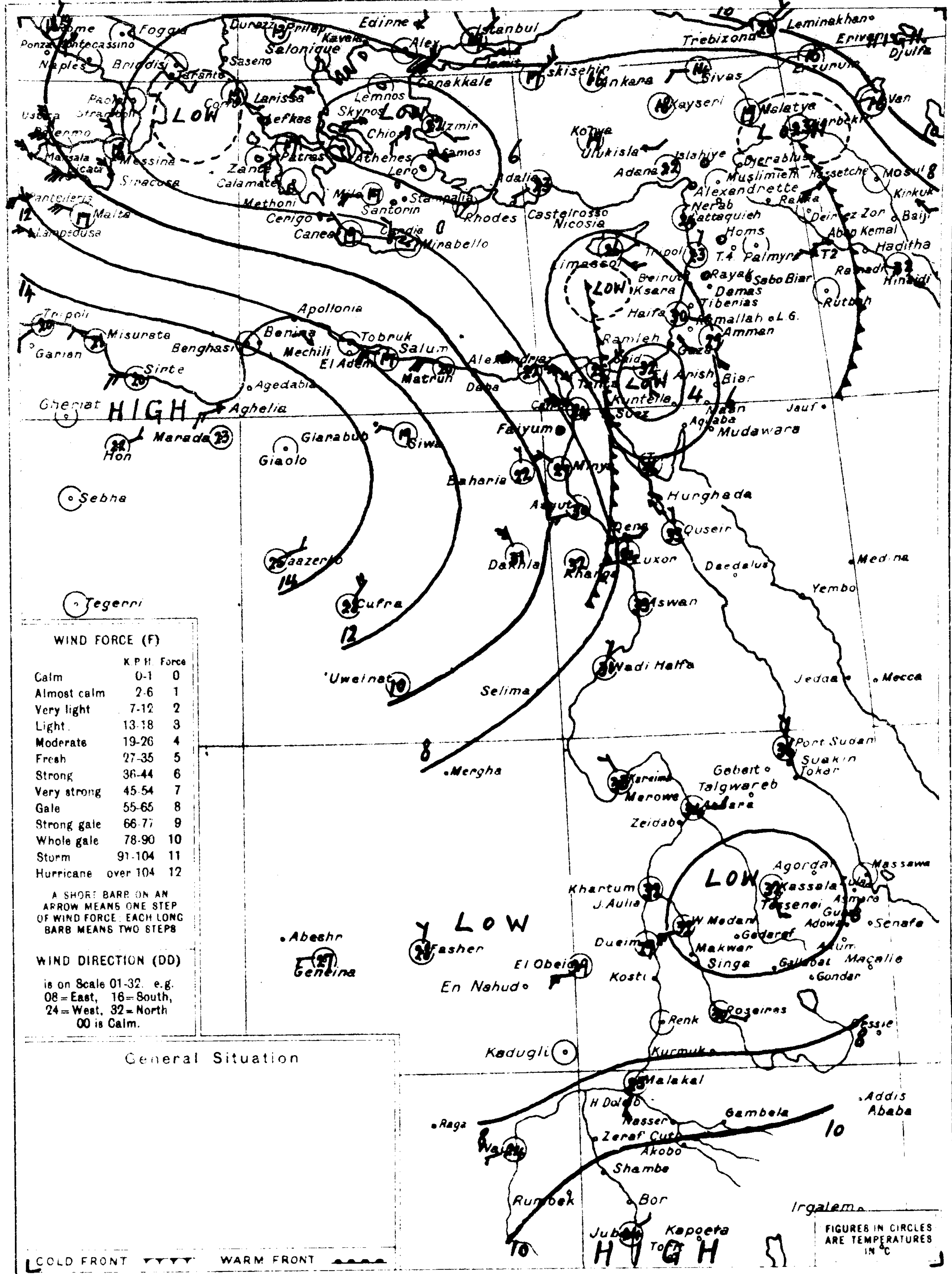
Giza Grass min. temp. on 2nd 22.3 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
2-6	1459	1192
1-6	1459	1192

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	31-5	13.39	-0.11	13.30	-0.21
Nasser	31-5	7.78	+0.70	7.70	+0.73
Malakal	1-6	11.06	+0.56	11.05	+0.57
Roseires	31-5	12.78	+0.39	12.52	+0.16
Sennar Res.	2-6	6.18	—	6.64	—
J. Aulia U.S.	31-5	371.69	—	371.66	—
J. Aulia D.S.	31-5	371.15	+0.12	371.17	+0.15
Khartum	31-5	10.70	+0.27	10.65	+0.24
Kh. el Girba					
Atbara	31-5	10.26	+0.18	10.26	+0.20
Kajnarti	2-6	132.36	+0.43	132.39	+0.36
Aswan Res.	2-6	117.09	—	117.38	—
Aswan D.S.	2-6	86.77	+0.66	86.65	+0.62
Roda (Cairo)	1-6	15.88	+0.42	15.88	+0.42

Isobars, Wind and Temperature at 8 h. 2-6-1939 ١٩٣٩-٦-٢



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 2-6-1939 الساعة ٨ يوم ٢-٦-١٩٣٩

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	03	6	12	3	2	8	—	5.9	-5.5	26	—	—	—	—	—	dr	605	458
Haifa	02	—	08	1	—	5	—	5.6	-4.2	30.2	26	-3	18	0	19	0	552	645
Gaza																		376
SHIPS																		

Remarks

HOURS ARE STANDARD TI[…] AND ARE T[…] ON GREEN[…]

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

Printed by the Survey & Mines Dept. 1938 (39-554)

CAIRO
Time of Sunrise 4 54
„ „ Sunset 18 52

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 2nd — الساعة ١٤ يوم ٢ | At 8 h. on SATURDAY 3rd — الساعة ٨ يوم السبت ٣

STATION	14h ww Present weather	14h V Visibility	14h DD Wind dir.	14h F Wind force	14h W Past weather	14h N Cloud amount	14h C Cloud form	14h PPP Bar. press. M.S.L. 1000+ mbs.	14h TTT Temp. °C	14h UU % Humidity	8h ww Present weather	8h V Visibility	8h DD Wind dir.	8h F Wind force	8h W Past weather	8h N Cloud amount	8h C Cloud form	8h PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry bulb °C	MM Max. yesterday °C	Max. diff. from norm. °C	mm Min. today °C	Min. diff. from norm. °C	UU % Humidity	Rain past 24 hrs mms	Rain total from Oct. 1 mms	Normal from Oct. 1 mms	Station number
MEDITERRANEAN																													
SALÛM	01	8	04	3	1	3	Ac	11.4	22.0	70	01	7	24	5	0	1	Cu	10.6	-3.1	18.7	26	—	14	—	68	0	82	—	130
MATRÛH	02	7	26	4	1	4	Sc	11.2	21.7	85	00	7	22	3	0	0	—	9.8	-3.5	21.1	22	-4	15	-2	69	0	122	160	131
DIKHEILA	03	8	26	5	2	8	As	11.4	21.6	87	01	8	24	2	1	3	Cu	11.6		22.0	22	—	15	—	76	0	94	—	150
ALEXANDRIA	03	8	28	6	2	7	As	11.1	22.3	77	02	9	24	1	2	4	Ac	10.3	-2.8	21.7	27	-3	18	-1	76	0	166	185	132
DAMIETTA											01	8	20	2	0	2	Ac	10.3	—	21.3	27	—	16	—	78	0	70	107	159
PORT SAÎD	30	6	28	7	3	7	Ac	7.9	25.9	73	00	8	20	4	0	0	—	11.0	-0.6	21.2	29	+1	19	-1	76	0	64	80	134
EL 'ARÎSH	18	5	28	3	3	5	Ac	7.0	25.5	80	00	7	00	0	0	0	—	10.7	—	24.8	39	—	19	—	61	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											01	7	18	3	1	4	Cu	11.2	-1.8	22.3	27	-5	15	-2	71	0	29	103	136
MANṢÛRA											01	8	16	1	1	3	Sc	11.2	—	21.9	28	-6	15	-3	69	0	46	55	137
TANTA	01	8	28	3	1	3	Cu	7.4	28.7	55	00	8	00	0	0	0	—	11.0	-2.2	23.0	30	-4	14	-4	67	0	41	43	138
ZAGÂZÎG	01	8	30	2	1	2	—	8.7	30.8	51	00	8	20	2	0	0	—	10.7	—	24.9	31	-2	14	-3	57	0	31	29	139
MIDDLE EGYPT																													
CAIRO: ALMÂZA	02	7	26	4	2	6	Cs	9.1	31.5	39	01	6	22	1	0	1	Cs	11.5		23.9	32	—	17	—	60	0	18	—	141
CAIRO: EZBEKIYA	02	8	28	4	1	5	Ac	8.8	31.7	34	00	6	20	2	0	0	—	10.7	-1.6	24.8	35	+1	18	0	48	0	23	27	—
CAIRO: GÎZA	03	8	28	3	2	7	Ci	9.0	30.7	37	01	7	00	0	1	3	Sc	10.7	-2.1	22.3	35	+1	14	-2	64	0	23	27	—
HELWÂN	05	6	26	5	1	5	Cc	8.6	31.2	26	05	6	00	0	0	2	Cu	10.7	-2.0	21.7	35	+1	17	-2	49	0	26	29	143
SUEZ	12	7	26	4	1	4	Ac	7.2	35.1	41	01	7	16	1	1	3	Ac	11.2	-0.7	23.8	36	+2	18	-2	66	0	27	18	144
UPPER EGYPT																													
FAIYÛM	01	8	30	3	0	4	Cu	9.0	32.9	24	01	7	00	0	0	3	Cu	11.4	-1.2	25.0	34	-2	16	-3	46	0	7	8	153
MINYA	00	6	30	4	1	0	—	8.6	35.0	20	01	5	30	1	1	3	Cc	11.5	+0.1	24.0	36	+1	18	0	54	0	4	—	154
ASYÛT	00	5	26	4	0	0	—	8.2	36.0	25	02	7	26	3	1	4	Cs	11.4	+0.1	26.3	37	+1	19	-2	44	0	2	4	155
QENA	00	8	22	3	0	0	—	6.0	42.0	23	00	8	28	3	0	0	—	9.0	-0.6	30.7	44	+4	25	+3	30	0	dr	—	156
LUXOR	00	8	22	1	0	0	—	6.0	44.0	—	00	8	32	2	0	0	—	9.5	—	30.2	45	—	24	—	36	0	dr	—	157
ASWÂN	00	7	32	3	0	0	—	4.2	43.5	13	00	7	32	5	0	0	—	8.4	-1.4	32.4	45	+4	28	+4	22	0	1		158
WESTERN DESERT																													
SÎWA	03	8	00	0	2	6	Cu	12.7	29.2	51	00	8	26	2	0	0	—	13.4	+0.5	22.0	32	-3	16	-2	74	0	7	8	148
BAHARÎYA	02	9	32	1	1	4	—	10.3	32.0	28	00	9	24	1	0	0	—	12.4	—	26.0	33	—	20	—	42	0	1	—	149
KHÂRGA	00	8	32	3	0	0	—	6.8	39.3	27	00	8	04	3	0	0	—	11.1	+0.8	28.2	41	+2	22	-1	43	0	dr	tr	151
DÂKHLA	13	3	30	5	4	0	—	9.9	36.0	56	01	7	30	4	1	1	Ci	12.4	+1.0	27.5	37	-3	21	0	65	0	dr	—	152
RED SEA																													
TOR	00	6	16	5	0	1	Ci	4.6	35.5	47	01	6	28	6	0	3	Cc	7.6	-1.7	26.3	38	+6	25	+3	71	0	20	13	145
HURGHÂDA	00	9	12	2	0	0	—	8.6	38.0	33	00	9	30	6	3	0	—	8.0	-1.8	29.2	38	+4	25	+3	38	0	1	—	146
QUṢEIR	00	7	08	2	0	0	—	7.0	32.9	67	00	7	32	4	0	0	—	8.4	-1.2	28.9	34	+1	26	+1	59	0	tr	6	147
PORT SUDAN											00	—	32	2	0	0	—	6.5	-2.3	34.5	39	+2	31	+6	31	0	81	109	169
NORTH SUDAN																													
WÂDI HALFA											00	7	02	3	0	0	—	8.7	-0.8	32.3	46	+6	28	+6	28	—	—	—	165
KAREIMA											00	8	32	4	0	0	—	6.6	-1.8	34.4	45	+2	22	-3	18	0	3	4	166
'ATBARA											00	—	16	2	0	0	—	6.3	-0.9	34.2	44	+2	24	-2	14	0	6	8	167
KHARTÛM											18	5	20	4	1	3	Ci	7.5	-0.6	31.8	46	+5	28	+2	38	0	15	9	168
KASSALA											01	8	18	3	1	4	Ac	5.8	-2.9	32.7	42	+2	29	+4	34	0	39	27	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	20	6	1	4	—	7.5	-0.9	31.7	44	+3	26	+2	34	L	34	30	171
DUEIM											00	—	—	3	0	0	—	7.8	-1.2	31.6	43	+3	26	+3	36	0	38	26	173
RENK																												—	182
ROSEIRES											00	7	18	1	1	0	—	9.6	-0.7	28.8	41	+4	24	+2	46	0	93	119	172
EL OBEID											18	7	16	5	0	8	Cs	8.3	-1.6	28.0	41	+3	25	+3	70	0	34	36	174
EL FASHER											02	8	32	1	1	5	Cs	—	—	28.3	40	+1	23	+2	44	0	17	17	175
GENEINA											03	8	24	2	2	6	Cs, Ac	—	—	25.0	42	—	23	—	68	0	52	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	16	5	2	8	Ac, As	9.9	-1.3	23.0	34	0	21	-1	83	5	290	217	176
WÂU											02	—	20	4	1	4	—	8.7	-2.6	26.0	33	-1	23	+2	69	0	321	392	177
JÛBA											10	7	00	0	8	4	Ci, Sc	10.2	-2.0	26.0	33	0	23	+2	84	L	524	413	178

UPPER WINDS (3rd — الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA 8 h. m.	CAIRO 8 h. m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 6 h. m.	KHARTÛM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA h. m.	Fasher 6 h. m.
02.29.25	02.26.20	02.28.15	02.31.05	02.26.05	02.34.10	02.36.30	03.02.30	06.07.20	06.22.50	06.19.15	07.21.50	06.13.45		09.32.20
05.27 —	05.27.25	05.29.15	05.04.05	05.18.05	05.36.30	05.35.65	06.04.55	10.07.25	10.25.50	10.24.25	10.21.70	10.15.20		10.33.35
10.31.35	10.26.35	10.28.35		08.21.10	10.33.50	10.01.35	10.01.45	15.07.25	15.24.20	15.26.35	15.36.05	15.20.15		15.33.30
15.30.40		13.26.45		10.25.20	15.32.45	15.32.35			20.05.20	20.29.25	20.23.15	20.21.10		20.36.10
20.29 —				15.27.25	20.30.40				25.03.50	30.35.05		30.19.05		24.24.30
				20.27.35					30.02.45			40.05.30		
				23.26.60					40.01.30			50.05.55		
									50.02.20			53.05.45		
									60.02.25					
									70.34.10					

Forecast for 24 hours from noon on 3rd

On the coast moderate to fresh winds between west and northwest.
Inland light to moderate winds chiefly westerly.
Clear or occasional low cloud.
Temperature slightly above normal.

تغيرات الطقس المتوقعة لمدة ٢٤ ساعة من ظهر يوم ٣ على الساحل رياح بين المعتدلة والنشطة غربية
وشمالية غربية وفي الداخل رياح بين الخفيفة والمعتدلة اكثرها غربية
السماء صحو او يظهر بعض السحاب المنخفض احيانا
ودرجة الحرارة فوق المعدل قليلا ؟

STATION	Mean of day: Humidity % on 2nd	Diff. from normal	Wet bulb temp °C on 2nd	Diff. from normal
Alexandria	76	+4	18.9	-0.2
Ezbekiya	61	+7	20.3	-0.3
Gîza	64	+11	20.2	+0.6
Helwân	57	+17	18.7	+1.9

Gîza Grass minimum on 3rd 12.8 °C

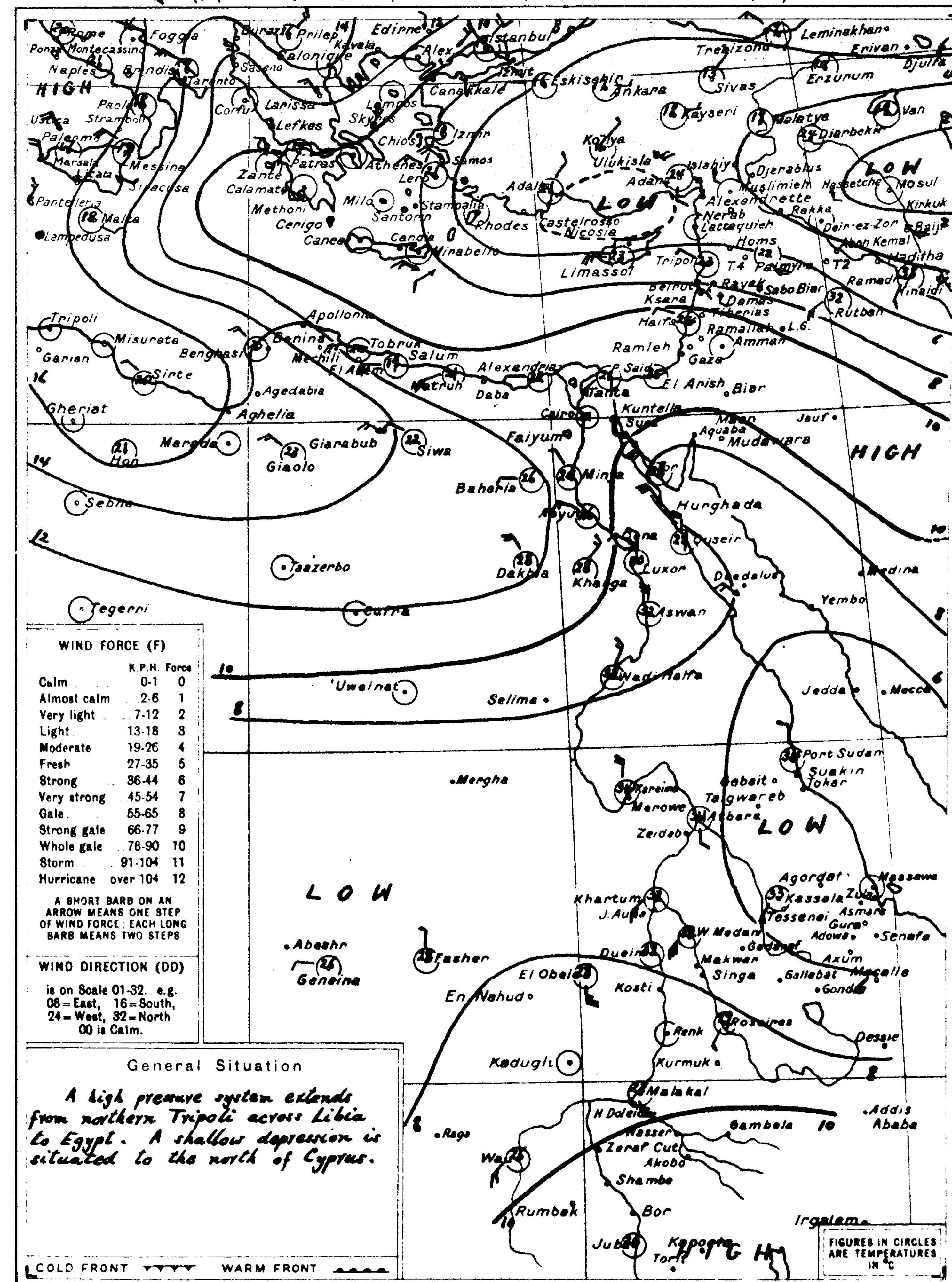
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
3-6	1457	1204
2-6	1459	1192

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-6	13.29	-0.21	13.29	-0.21
Nâṣṣer	2-6	7.83	+0.67	7.79	+0.70
Malakâl	3-6	11.10	+0.55	11.08	+0.56
Roṣeireṣ	2-6	12.60	+0.19	12.70	+0.30
Sennâr Res	2-6	6.78	—	6.64	—
J. Aulia U.S	2-6	371.70	—	371.67	—
J. Aulia D.S	2-6	371.17	+0.12	371.18	+0.14
Khartûm	2-6	10.73	+0.35	10.71	+0.26
Kh. el Girba					
'Atbara	2-6	10.31	+0.21	10.28	+0.19
Kajnarti	2-6	132.36	+0.43	132.29	+0.36
Aswân Res.	3-6	116.87	—	117.07	—
Aswân D.S	3-6	86.72	+0.64	86.71	+0.66
Rôda (Cairo)	3-6	15.88	+0.41	15.88	+0.42

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 3-6-1939 ٣-٦-١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A high pressure system extends from northern Tripoli across Libia to Egypt. A shallow depression is situated to the north of Cyprus.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 3rd — الساعة ٨ يوم ٣

STATION محطة	ww Present weather	V Visibility	DD Wind dir.	F Wind force	W Past weather	N Cloud amount	C Cloud form	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry bulb °C	MM Max. yesterday °C	Max. diff. from norm. °C	mm Min. today °C	Min. diff. from norm. °C	UU % Humidity	Rain past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol	01	6	24	5	1	3	—	6.3	-4.9	23	—	—	—	—	—	0	665	458
Haifa	02	—	26	1	—	5	—	10.4	+0.7	24.0	40	+11	21	+2	58	0	552	645
Gaza																—	—	376
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise 04 h 53 m
" " Sunset 18 h 53 m

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 3/6 ٦/٣ الساعة ١٤ يوم

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
SALUM	21	7	30	5	5	5	Cb	10.4	22.0	61
MATRUH	01	7	26	5	1	4	Cu	9.0	21.8	83
DIKHEILA	01	8	30	4	0	2	Cu	9.8	21.9	78
ALEXANDRIA	01	9	24	3	2	3	Ac	9.1	24.3	60
DAMIETTA										
PORT SAID	00	8	28	2	0	0	—	9.5	27.0	56
EL 'ARISH	00	7	32	4	0	0	—	8.7	24.8	64
DAMANHUR										
MANSURA										
TANTA	00	8	28	1	0	0	—	8.7	30.3	35
ZAGAZIG	01	8	10	2	0	2	Ci	7.6	32.9	26
CAIRO ALMAZA	01	8	18	4	0	2	Cu	7.9	32.3	37
CAIRO EZBEKIYA	01	8	26	5	0	1	Cc	7.2	32.5	24
CAIRO GIZA	01	9	20	1	0	1	Ac	7.1	32.9	27
HELWAN	01	8	22	3	0	3	Cu	7.1	31.1	15
SUEZ	00	9	14	2	0	0	—	7.8	28.5	40
FAIYUM	00	7	30	4	0	0	—	8.0	32.7	16
MINYA	00	7	24	4	1	0	—	8.8	34.7	16
ASYUT	02	7	26	4	1	4	As	9.1	32.8	21
QENA	02	8	26	4	1	4	Cs	7.8	36.9	22
LUXOR	01	8	30	5	0	2	Ci	8.0	36.4	23
ASWAN	00	7	32	4	0	0	—	6.2	38.8	16
SIWA	01	8	26	2	1	4	Cu	12.3	29.0	47
BAHARIYA	00	9	24	1	0	0	—	10.3	31.0	27
KHARGA	00	8	32	4	0	0	—	9.1	35.3	36
DAKHLA	01	7	30	4	1	3	Ci	10.4	33.1	64
TOR	01	6	32	5	1	3	Cc	6.3	34.1	51
HURGHADA	02	9	30	6	1	4	Ci	6.3	30.9	43
QUSEIR	00	7	02	3	0	0	—	7.4	30.1	58

At 8 h. on SUNDAY 4th الأحد ٤ الساعة ٨ يوم

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALUM	01	7	30	4	0	3	Cu	11.9	-1.7	20.2	24	—	16	—	74	dr	82	—	130
MATRUH	02	7	26	4	1	5	Cu	10.3	-3.0	20.9	24	-2	18	0	88	0	122	160	131
DIKHEILA	01	8	26	4	0	2	Cu	10.2	—	21.8	23	—	20	—	85	0	94	—	150
ALEXANDRIA	00	9	28	4	0	0	—	9.6	-3.5	21.7	25	-3	20	+1	79	0	166	185	132
DAMIETTA	01	8	20	3	1	4	Cu	8.3	—	22.9	27	—	17	—	66	0	70	107	159
PORT SAID	01	8	20	5	0	3	Cc	8.7	-2.9	22.2	28	0	20	0	74	0	64	80	134
EL 'ARISH	01	7	24	2	1	3	Cu	8.8	—	23.3	26	—	18	—	70	0	130	93	135
DAMANHUR	02	8	24	3	2	4	Cu	9.5	-3.4	22.4	29	-3	17	0	69	0	29	103	136
MANSURA	01	8	30	2	1	3	Sc	9.0	—	22.5	31	-3	17	-1	65	0	46	55	137
TANTA	02	7	24	1	2	5	Cu	9.8	-3.3	22.0	31	-3	16	-2	74	0	41	43	138
ZAGAZIG	01	8	26	2	1	3	—	9.8	—	25.3	33	0	17	0	58	0	31	29	139
CAIRO ALMAZA	02	8	28	1	1	4	Cu	10.4	—	22.2	33	—	19	—	70	0	18	—	141
CAIRO EZBEKIYA	02	6	30	2	1	5	Cu	10.0	-2.2	23.2	33	-1	19	+1	64	0	23	27	—
CAIRO GIZA	03	7	28	2	1	7	Cu	10.2	-2.5	22.0	33	-1	17	+1	70	0	23	27	—
HELWAN	02	8	26	1	2	5	Cu	10.4	-2.2	21.3	33	-1	18	-1	67	0	26	29	143
SUEZ	01	8	26	2	0	3	Cu	9.6	-2.3	23.3	32	-2	19	-1	57	0	27	18	144
FAIYUM	02	7	30	2	0	5	Cu	11.4	-1.2	22.0	34	-2	18	-1	42	0	7	8	153
MINYA	00	6	30	3	1	0	—	10.8	-0.5	22.2	35	0	19	0	64	0	4	—	154
ASYUT	00	7	30	3	0	0	—	10.6	-0.7	23.5	34	-2	20	-1	56	0	2	4	155
QENA	00	6	26	3	0	0	—	9.5	0.0	27.9	38	-2	21	-1	45	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	10.0	—	27.8	37	—	20	—	42	0	dr	—	157
ASWAN	00	7	02	3	0	0	—	9.8	-0.1	28.4	40	-1	25	+1	29	0	1		158
SIWA	01	8	26	2	1	5	Cu	13.8	+1.0	20.0	31	-4	16	-2	81	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.9	—	21.0	32	—	17	—	74	0	1	—	149
KHARGA	00	8	28	2	0	0	—	11.1	+0.9	26.5	36	-3	20	-3	40	0	dr	tr	151
DAKHLA	05	5	30	2	1	1	Ci	12.4	+1.1	24.5	35	-5	17	-4	48	0	dr	—	152
TOR	00	6	28	6	0	0	—	7.9	-1.3	25.6	35	+3	22	0	81	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	8.0	-1.7	29.8	33	-1	23	+1	38	0	1	—	146
QUSEIR	00	7	26	2	0	0	—	8.2	-1.3	30.0	32	-1	24	-1	35	0	tr	6	147
PORT SUDAN	00	—	28	2	0	0	—	7.6	-0.1	35.2	39	+2	31	+6	20	0	81	109	169
WADI HALFA	05	6	02	4	0	0	—	9.3	-0.2	29.1	42	+2	25	+3	29	—	—	—	165
KAREIMA	05	7	30	3	0	0	—	7.7	-0.7	33.2	45	+2	24	-1	16	0	3	4	166
ATBARA	00	—	26	4	0	0	—	5.6	-1.6	36.8	44	+2	28	+2	06	0	6	8	167
KHARTUM	18	6	20	5	1	2	Ci	6.6	-1.6	36.9	45	+4	28	+2	30	0	15	9	168
KASSALA	01	8	18	3	0	1	Ac	7.1	-1.7	30.0	40	0	26	+1	53	0	39	28	170
WAD MEDANI	01	—	20	5	1	4	—	7.6	-0.8	31.4	40	-1	26	+2	37	0	34	31	171
DUEIM	00	—	—	3	0	0	—	7.6	-1.5	30.6	41	+1	27	+4	50	0	38	27	173
RENK																		—	182
ROSEIRES	00	—	14	1	0	0	—	8.8	-1.6	28.7	37	0	23	+1	43	0	93	123	172
EL OBEID	01	8	16	3	0	4	Ac, Ci	8.9	-1.0	25.7	39	+1	21	-1	76	tr	34	37	174
EL FASHER	03	8	00	0	1	6	Cs	—	—	27.8	41	+2	24	+3	51	0	17	18	175
GENEINA	03	8	32	2	2	6	Ac	—	—	26.3	40	—	21	—	61	0	52	—	179
KADUGLI																	—	—	187
MALAKAL	03	8	16	3	2	6	Ac, Ci	9.0	-2.3	24.5	32	-2	22	0	82	0	290	222	176
WAU	01	—	20	1	6	4	—	8.3	-2.0	24.7	32	-2	22	+1	80	21	342	398	177
JUBA	01	8	00	0	0	4	Cu	11.2	-1.0	24.4	31	-2	20	-1	91	15	539	418	178

UPPER WINDS ON 4th الرياح العليا يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 8 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 5 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	SALUM 3rd 13 h.
02.33.20	02.30.35	02.30.30	02.31.25	02.32.10	02.33.10	02.35.30	03.02.35	06.03.30	06.17.40	06.18.30	07.19.25	06.17.15		02.30.35
05.32.—	05.30.25	05.31.45	05.32.25	05.30.05	05.33.25	05.36.45	07.02.45	10.04.55	10.20.60	10.20.40	10.20.35	10.16.20		05.27.10
10.33.20	10.33.25	10.30.40	10.32.25	08.31.20	10.32.60	10.33.40	10.35.45	15.03.35	15.21.30	15.22.35	15.30.30	15.16.20		10.14.55
15.32.25		17.32.35	15.33.20	10.30.35	15.31.60		15.34.40	20.05.20	20.24.30	20.20.25	20.22.25	20.12.30		11.19.10
20.29.25		20.33.50	20.33.20	15.32.15			20.29.45	25.09.15	25.26.25	30.03.25	30.01.10	30.06.10		13.26.10
25.30.35		25.33.50		20.31.35			25.27.45	30.09.15	30.29.30	40.05.40		40.03.35		15.30.35
28.31.45				23.30.40			30.27.40	40.34.25	40.01.40			50.05.40		
				25.30.35				48.32.30	50.30.20			53.06.35		
				30.30.40					60.02.30					
									70.15.25					

Forecast for 24 hours from noon on 4th

Moderate to fresh northwesterly winds.
Much low cloud at times.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤

رياح شمالية غربية بين المعتدلة والنسيمية
يكثر السحاب المنخفض أحيانا
يبقى الطقس مائلا إلى البرودة

STATION	Mean of day Humidity % on 3rd	Diff. from normal	Wet bulb temp. °C on 3rd	Diff. from normal
Alexandria	77	+5	18.9	-0.3
Ezbekiya	47	-7	18.4	-2.3
Giza	55	+2	18.6	-1.1
Helwan	41	+1	16.4	-0.5

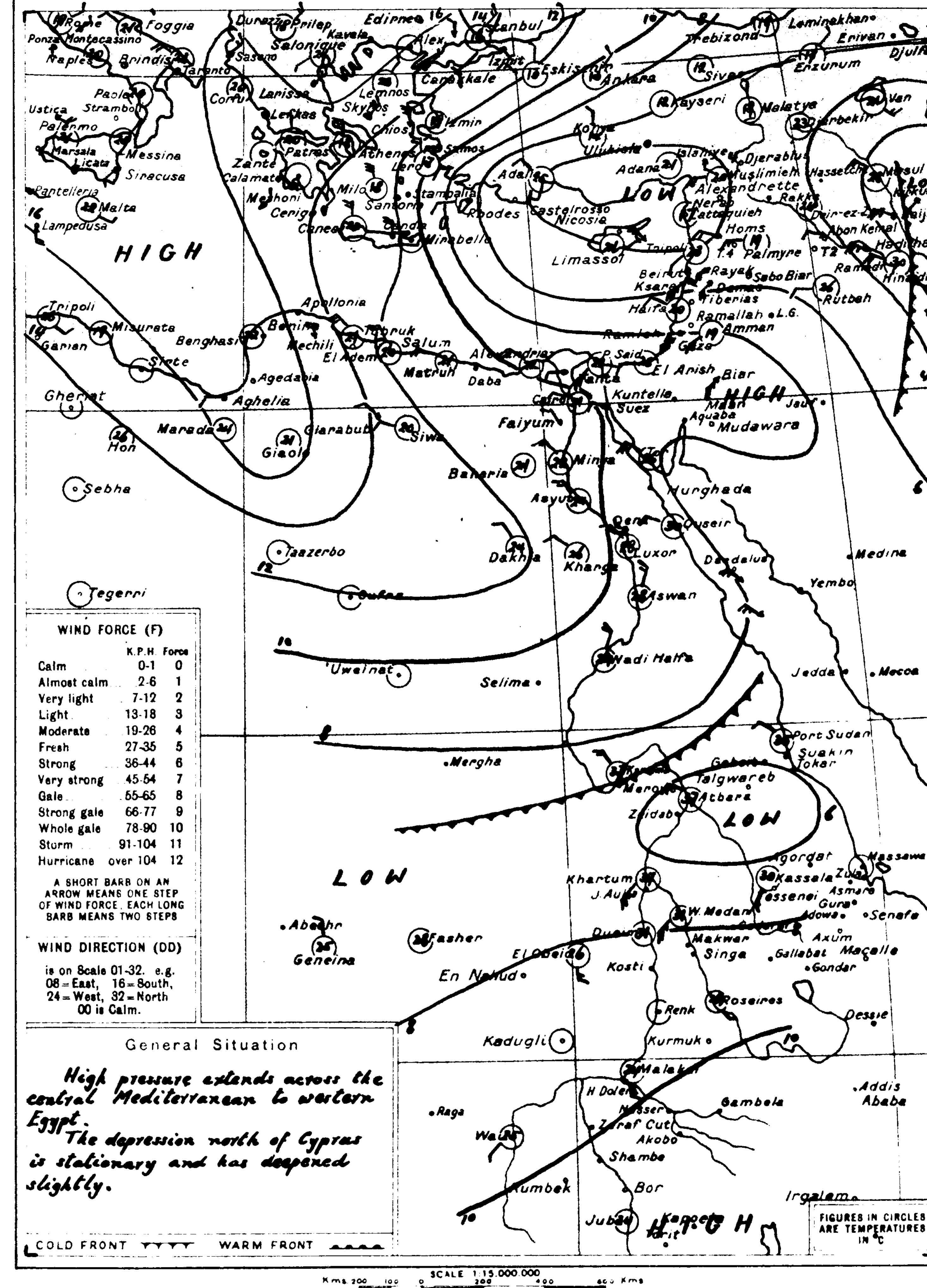
Giza Grass minimum on 4th 15.2 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
4-6	1469	1203
3-6	1459	1204

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	4-6	12.32	-0.17	12.28	-0.21
Nasser	4-6	7.87	+0.62	7.83	+0.67
Malakal	4-6	11.10	+0.52	11.10	+0.55
Roseires	4-6	12.46	-0.02	12.70	+0.27
Sennar Res	3-6	6.23	—	6.18	—
J. Aulia U.S	3-6	371.79	—	371.70	—
J. Aulia D.S	3-6	371.23	+0.46	371.17	+0.12
Khartum	4-6	10.80	+0.28	10.79	+0.29
Kh. el Girba*	2-6	10.06	-0.40	10.08	-0.38
Atbara	4-6	10.36	+0.23	10.34	+0.22
Kajnarti	3-6	132.35	+0.46	132.36	+0.43
Aswan Res.	4-6	116.70	—	116.87	—
Aswan D.S.	4-6	86.73	+0.63	86.72	+0.64
Roda (Cairo)	4-6	15.88	+0.41	15.88	+0.41

Isobars, Wind and Temperature at 8 h. 4-6-1939 ١٩٣٩-٦-٤



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

High pressure extends across the central Mediterranean to western Egypt.
The depression north of Cyprus is stationary and has deepened slightly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 4th الساعة ٨ يوم ٤

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	00	0	0	0	—	4.8	-6.4	21	—	—	—	—	—	2	607	459
Haifa	02	—	26	2	—	4	—	—	—	19.9	26	-3	17	-2	80	7	559	445
SHIPS																		

Remarks

* Khashm el Girba river gauge readings commenced for the season.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1936 (38 554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h. 53 m.
" " Sunset 18 h. 53 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونية

1417 F.C.

At 14 h. on 4th الساعة ١٤ يوم ٤ — At 8 h. on MONDAY 5th الاثنين ٥ الساعة ٨ يوم

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALŪM	02	8	02	4	1	4	Cu	11.2	21.4	76	02	7	30	5	1	4	Cu	12.6	-0.9	19.2	24	—	14	—	74	0	82	—	130
	MATRŪH	01	7	28	4	1	3	Cu	10.4	22.2	83	01	7	26	3	1	4	Cu	11.4	-1.8	20.6	23	-3	15	-3	85	0	122	160	131
	DIKHEILA	01	8	26	4	1	3	Sc	10.4	22.8	89	01	8	28	3	1	4	Cu	11.5	—	21.4	25	—	20	—	81	0	94	—	150
	ALEXANDRIA	00	9	24	4	0	0	—	9.5	24.2	66	02	9	28	3	2	4	Ac	11.1	-1.9	21.3	25	-3	20	+1	67	0	166	185	132
	DAMIETTA											02	8	24	2	2	5	Sc	9.8	—	22.0	25	—	18	—	69	dr.	70	107	159
	PORT SAÏD	01	8	28	5	0	—	Cs	8.7	26.5	64	01	8	20	5	1	3	Cs	9.9	-1.6	21.5	27	-1	20	0	80	0	64	80	134
	EL 'ARISH	00	7	30	3	0	0	—	8.2	24.2	68	01	7	20	2	1	4	Cu	10.2	—	24.0	26	—	17	—	70	0	130	93	135
LOWER EGYPT	DAMANHŪR											01	8	26	3	1	4	Cu	11.1	-1.7	23.2	27	-5	17	0	64	0	29	103	136
	MANṢŪRA											01	8	30	2	1	4	Sc	10.6	—	22.0	29	-5	17	-1	59	dr.	46	55	137
	TANTA	01	8	24	3	1	3	Cu	8.8	29.0	50	01	8	28	1	1	4	Cu	11.1	-2.0	22.6	30	-4	17	-1	69	0	41	43	138
	ZAGÂZIG	01	8	28	4	1	4	Cs	8.4	29.4	43	02	8	28	3	1	4	Cc	11.1	—	24.4	29	-4	16	-1	60	dr.	31	29	139
MIDDLE EGYPT — CAIRO	ALMÂZA	02	8	24	3	2	5	Cu	9.3	28.0	55	05	7	24	2	1	5	St	11.6	—	21.1	30	—	19	—	76	0	18	—	141
	EZBEKIYA	02	8	30	2	5	5	Cu	8.6	28.6	38	02	6	30	1	1	4	Cu	10.8	-1.4	21.8	31	-3	19	+1	68	dr.	23	27	—
	GIZA	03	9	30	3	5	6	Cu	8.3	28.5	40	02	7	28	1	1	5	Cu	11.0	-1.7	23.6	30	-5	18	+2	62	dr.	23	27	—
	HELWÂN	01	8	28	4	0	3	Cu	7.6	27.6	34	05	6	28	2	1	4	Cu	11.2	-1.3	20.5	29	-5	18	+1	74	0	26	29	143
	SUEZ	02	9	28	4	1	4	Cu	7.9	24.5	57	01	7	32	1	0	3	Cu	10.6	-1.2	22.5	31	-3	19	-1	65	0	27	18	144
UPPER EGYPT	FAIYŪM	02	8	30	2	1	5	Cu	8.8	28.1	39	02	7	30	2	0	5	Cu	11.6	-0.9	22.0	31	-5	19	0	66	0	7	8	153
	MINYA	01	8	02	3	1	3	Cu	9.8	28.3	36	01	6	32	2	1	2	Cu	10.6	-0.7	24.0	29	-7	19	0	62	0	4	—	154
	ASYŪT	00	7	30	3	0	0	—	9.1	29.1	34	00	6	22	2	0	0	—	10.6	-0.6	25.0	31	-5	19	-2	44	0	2	4	155
	QENA	00	8	22	4	0	0	—	7.9	32.9	35	01	8	22	1	1	3	Ac	9.8	+0.4	26.3	34	-6	21	-1	50	0	dr.	—	156
	LUXOR	00	8	30	3	0	0	—	7.9	32.5	37	00	8	32	1	0	0	—	9.9	—	29.5	33	—	18	—	43	0	dr.	—	157
	ASWÂN	00	7	06	3	0	0	—	6.4	34.4	27	00	7	00	0	0	0	—	9.4	-0.3	27.1	36	-5	23	-1	24	0	1	—	158
WESTERN DESERT	SIWA	02	8	26	2	1	5	Cu	12.3	30.0	41	02	8	26	1	1	5	Cu	14.2	+1.4	20.0	31	-5	17	-1	81	0	7	8	148
	BAHARIYA	00	9	00	0	0	0	—	9.4	29.0	43	02	9	32	1	1	4	—	12.0	—	21.0	29	—	18	—	82	0	1	—	149
	KHARGA	00	8	32	3	0	0	—	8.4	35.4	28	00	8	00	0	0	0	—	10.2	+0.1	27.2	35	-4	21	-2	44	0	dr.	tr.	151
	DAKHLA	02	8	30	2	1	4	Ci	9.9	31.0	32	01	7	28	1	1	1	Ci	12.3	+1.0	24.8	33	-7	19	-2	49	0	dr.	—	152
RED SEA	TÔR	01	6	28	4	0	1	Cu	6.6	30.2	66	00	6	28	5	0	0	—	8.4	-0.7	25.6	32	0	19	-3	88	0	20	13	145
	HURGHÂDA	00	9	02	4	0	0	—	6.2	29.7	41	00	9	30	3	0	0	—	8.8	-0.8	27.5	31	-3	20	-3	58	0	1	—	146
	QUṢEIR	00	7	32	2	0	0	—	7.1	28.1	63	01	7	32	2	0	1	Ci	9.0	-0.3	27.0	32	-1	23	-2	62	0	tr.	6	147
	PORT SUDAN											00	—	04	1	0	0	—	7.1	-0.5	32.2	38	+1	29	+4	64	0	81	109	169
NORTH SUDAN	WÂDI HALFA											01	8	02	2	1	4	Cs.	9.7	+0.3	27.7	38	-2	21	-1	33	—	—	—	165
	KAREIMA											05	7	30	5	0	0	—	9.6	+1.2	31.6	42	-1	24	-1	19	0	3	4	166
	'ATBARA											00	—	30	3	0	0	—	8.8	+1.7	32.6	42	0	26	0	9	0	6	8	167
	KHARTŪM											05	7	00	0	1	2	Ci	8.4	+0.2	31.6	43	+2	27	+1	38	0	15	9	168
	KASSALA											01	8	16	3	8	3	Ac	8.2	-0.7	29.5	41	+1	27	+2	58	1	40	29	170
CENTRAL SUDAN	WAD MEDANI											00	—	10	4	0	0	—	9.5	+1.0	30.1	42	+1	22	-2	40	2	36	32	171
	DUEIM											00	—	—	3	0	0	—	7.9	-1.2	30.6	40	0	27	+3	53	0	38	28	173
	RENK																											—	—	182
	ROSEIRES											00	—	14	1	0	0	—	9.6	-0.8	27.6	39	+3	23	+1	62	3	96	126	172
	EL OBEID											18	7	18	4	0	8	Cs	7.4	-2.6	30.0	38	0	25	+3	50	0	34	38	174
	EL FASHER											05	7	04	1	1	5	Cs	—	—	28.6	40	+1	22	0	24	0	17	18	175
	GENEINA																												—	179
	KADUGLI																											—	—	187
S. SUDAN	MALAKÂL											03	8	24	2	2	7	Ac,As	9.1	-2.2	27.7	36	+2	24	+2	75	10	300	227	176
	WAU																												403	177
	JÛBA											01	8	20	1	0	4	Sc	11.7	-0.5	25.5	31	-2	22	+1	84	0	539	423	178

UPPER WINDS الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM 7 h.	MATRŪH 7 h.	DIKHEILA 7 h.	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYŪT	ASWÂN 7 h.	WÂDI HALFA 3 h.	KAREIMA 7 h.	KHARTŪM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA	SALUM 13 h.
02.33.20	02.30.30	02.33.20	02.34.10	02.32.10		02.36.05	03.01.20	06.01.35	06.25.15	06.19.25	07.24.35	06.24.15		02.02.20
05.34.	05.32.25	05.33.20	05.34.15	05.35.10		05.01.25	06.36.50	10.01.30	10.23.20	10.21.50	10.25.25	10.19.10		05.32.35
10.01.15	10.31.20	07.33.20	10.34.10	08.01.05		10.36.30	10.36.40	15.33.40	15.26.15	15.23.40	15.20.10	15.15.20		10.29.20
15.34.30	15.32.25	Ent. Cld.	15.34.25	10.33.10		15.31.35	15.35.30	20.31.50	20.10.10	20.27.20	20.19.15	20.19.10		15.33.25
20.33.30	18.31.15		Ent. Cu.	15.32.10		20.26.30	20.32.30	25.29.45	30.05.15	30.32.15		30.05.10		20.32.30
25.32.45				20.33.20			22.31.40	28.29.60	40.05.10			40.36.05		23.35.30
30.32.50				23.29.10					50.06.20			50.06.20		
31.32.60				25.27.20								60.16.10		
				28.29.30								63.18.10		

Forecast for 24 hours from noon on 5th
Light to moderate northwesterly winds.
Some low cloud.
Temperature remaining below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٥
رياح شمالية غربية بين الخفيفة والمعتدلة
يظهر بعض السحاب المنخفض
تستمر درجة الحرارة دون المعدل

STATION	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp °C 4th	Diff. from normal
Alexandria	77	+5	19.3	0.0
Ezbekiya	56	+2	19.0	-1.8
Giza	60	+7	19.0	-0.7
Helwân	51	+11	17.4	+0.4

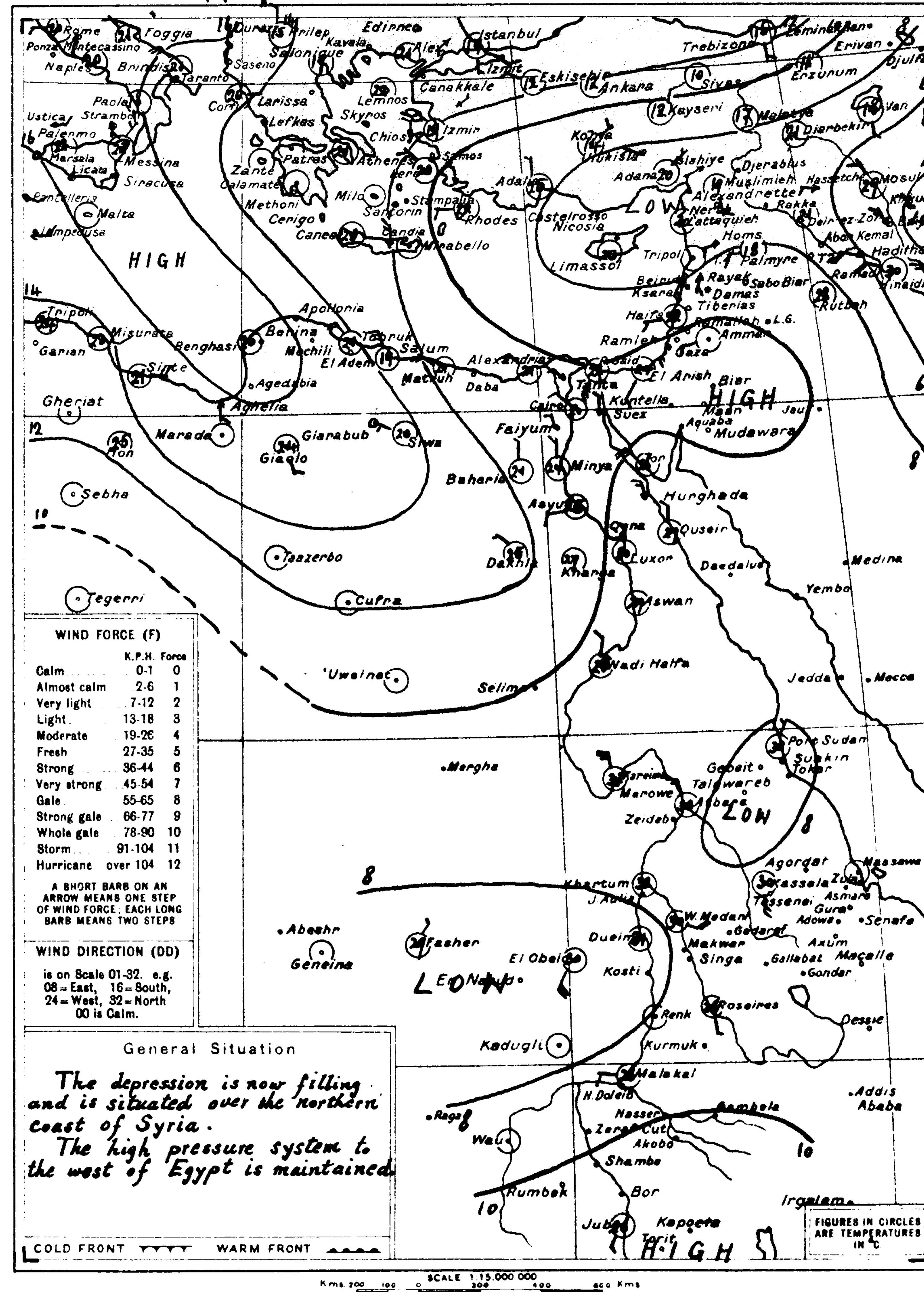
Giza Grass minimum on 5th 15.2 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
5-6	1459	1203
4-6	1459	1203

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-6	13.27	-0.22	13.32	-0.17
Nâṣser	4-6	7.92	+0.62	7.87	+0.62
Malakâl	5-6	11.71	+0.52	11.70	+0.52
Roseires	5-6	12.45	-0.07	12.45	-0.02
Sennâr Res	4-6	6.21	—	6.23	—
J. Aulia U.S	4-6	371.81	—	371.77	—
J. Aulia D.S	4-6	371.25	+0.17	371.23	+0.16
Khartûm	5-6	10.74	+0.20	10.80	+0.28
Kh. el Girba	4-6	10.64	-0.42	10.64	-0.42
'Atbara	4-6	10.36	+0.23	10.34	+0.22
Kajnarti	4-6	132.33	+0.42	132.38	+0.46
Aswân Res.	5-6	116.53	—	116.70	—
Aswân D.S.	5-6	86.72	+0.61	86.73	+0.63
Roda (Cairo)	5-6	15.88	+0.40	15.88	+0.41

Isobars, Wind and Temperature at 8 h. 5-6-39 ٥-٦-٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The depression is now filling and is situated over the northern coast of Syria.
The high pressure system to the west of Egypt is maintained.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 5th الساعة ٨ يوم ٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	7	00	0	0	2	—	7.8	-3.3	23	—	—	—	—	—	3	610	459
Haifa	02	—	22	2	—	3	—	9.8	+0.2	24.5	26	-3	19	0	78	0	559	645
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38/554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04h 53m
„ „ Sunset 18h 54m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 5th الساعة ١٤ يوم ٥ — At 8 h. on TUESDAY 6th الساعة ٨ يوم الثلاثاء ٦

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	01	8	02	4	0	1	Cu	12.2	21.0	74	01	8	26	3	4	2	Cu	13.3	-0.2	19.8	23	—	14	—	80	0	82	—	130
MATRÛH	00	7	30	3	0	0	—	11.2	21.7	74	00	7	26	3	0	0	—	12.3	-0.8	20.3	22	-5	14	-4	89	0	122	160	131
DIKHEILA	01	8	28	3	1	3	Sc	11.5	21.8	81	01	8	24	2	1	4	Cu	12.8	—	22.1	25	—	16	—	74	0	94	—	150
ALEXANDRIA	02	9	28	4	2	4	Ac	10.8	23.2	59	02	9	24	1	2	4	Ac	12.4	-0.6	22.0	25	-3	19	-1	62	0	166	185	132
DAMIETTA											01	8	22	2	1	4	Cu	11.8	—	23.0	25	—	16	—	63	0	70	107	159
PORT SAÎD	00	8	28	4	1	0	—	9.9	26.5	63	00	8	20	2	0	0	—	12.3	+0.8	22.8	28	0	20	0	72	0	64	80	134
EL 'ARÎSH	00	7	28	4	0	0	—	9.4	24.8	69	00	7	00	0	0	0	—	12.3	—	25.7	27	—	16	—	57	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											01	8	20	2	1	2	Cu	13.9	+1.2	24.0	26	-6	15	-2	66	0	29	103	136
MANSÛRA											01	8	18	1	1	3	Sc	12.4	—	21.0	29	-5	15	-3	69	0	46	55	137
TANTA	01	8	32	1	1	4	Cu	10.0	28.4	49	01	8	00	0	0	2	Cu	12.7	-0.3	22.6	29	-6	13	-5	66	0	41	43	138
ZAGÂZIG	01	8	28	3	1	3	Cc	9.8	29.9	35	01	8	20	2	1	3	Cs	12.6	—	23.4	30	-4	14	-3	63	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	02	8	28	3	1	4	Cu	10.7	28.7	26	01	6	02	1	0	3	Cu	13.5	—	20.9	30	—	17	—	67	0	18	—	141
CAIRO EZBEKÎYA	01	9	28	2	1	4	Cu	9.3	28.8	32	01	6	04	2	1	3	Cu	12.3	+0.2	22.2	32	-2	17	-2	66	0	23	27	—
CAIRO GÎZA	01	9	02	1	1	3	Cu	8.8	28.9	35	01	7	00	0	1	3	Cu	12.3	-0.3	20.6	30	-6	14	-2	76	0	23	27	—
HELWÂN	01	8	28	2	1	3	Cu	9.3	27.2	30	05	6	00	0	0	0	—	12.7	+0.2	21.2	29	-5	16	-3	60	0	26	29	143
SUEZ	01	9	32	2	1	4	Cu	8.6	29.8	28	00	7	28	1	0	0	—	12.0	+0.3	23.3	31	-3	18	-2	63	0	27	18	144
UPPER EGYPT																													
FAIYÛM	01	8	32	2	0	3	Cu	9.5	29.0	34	00	8	32	2	0	0	—	12.6	+0.1	22.0	31	-5	17	-2	62	0	7	8	153
MINYA	00	8	30	3	1	0	—	8.7	30.7	33	00	7	30	1	0	0	—	11.9	+0.7	23.8	31	-5	17	-2	52	0	4	—	154
ASYÛT	02	7	22	3	1	5	Cu	9.0	31.1	27	00	6	16	2	0	0	—	12.4	+1.2	26.0	32	-5	19	-2	39	0	2	4	155
QENA	00	8	26	3	1	0	—	8.2	33.3	34	00	8	22	1	0	0	—	11.5	+2.2	26.9	34	-6	20	-2	47	0	dr.	—	156
LUXOR	00	8	26	2	0	0	—	8.2	33.0	31	00	8	32	1	0	0	—	11.5	—	29.8	34	—	19	—	39	0	dr.	—	157
ASWÂN	00	7	00	0	0	0	—	7.2	34.5	24	00	7	32	2	0	0	—	11.5	+1.9	27.4	35	-6	23	-1	40	0	1	—	158
WESTERN DESERT																													
SIWA	01	8	26	1	1	3	Cu	12.2	31.0	59	00	8	00	0	0	0	—	14.2	+1.5	22.4	32	-4	15	-3	78	0	7	8	148
BAHARÎYA	00	9	00	0	0	0	—	11.4	27.0	37	00	9	00	0	0	0	—	12.0	—	20.0	30	—	14	—	55	0	1	—	149
KHÂRGA	00	8	32	3	0	0	—	7.4	36.3	28	00	8	28	2	0	0	—	12.7	+2.6	27.3	36	-3	20	-3	42	0	dr.	tr.	151
DÂKHLA	01	8	30	4	1	3	Ci	10.2	32.0	25	01	7	30	3	1	1	Ci	13.8	+2.6	24.5	33	-7	18	-4	38	0	dr.	—	152
RED SEA																													
TÔR	01	6	28	4	0	1	Cu	6.7	31.5	63	00	6	28	5	0	0	—	10.4	+1.4	25.5	33	+1	23	+1	84	0	20	13	145
HURGHADA	01	9	02	3	1	3	Cu	7.2	30.4	50	00	9	30	3	0	0	—	11.1	+1.6	26.8	31	-3	20	-3	51	0	1	—	146
QUSEIR	01	7	02	2	0	1	Ci	8.0	27.4	75	00	7	32	3	0	0	—	10.4	+1.2	28.1	31	-2	24	-1	59	0	tr.	6	147
PORT SUDAN											00	—	32	2	0	0	—	10.6	+3.2	33.0	36	-2	29	+4	34	0	81	109	169
NORTH SUDAN																													
WÂDI HALFA											00	9	32	4	0	0	—	11.2	+1.9	28.0	36	-5	23	+1	33	—	—	—	165
KAREIMA											01	8	30	3	0	3	Cs	11.9	+3.6	29.8	40	-3	24	-1	16	0	3	4	166
'ATBARA											00	—	30	4	0	0	—	10.4	+3.3	32.0	40	-2	26	0	15	0	6	8	167
KHARTÛM											01	8	18	3	1	4	Ac	10.8	+2.6	31.3	42	+1	26	0	37	0	15	9	168
KASSALA											01	8	16	3	1	4	Ac	10.7	+1.8	30.3	40	0	27	+2	47	0	40	30	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	18	4	1	0	—	10.8	+2.3	27.9	40	-1	23	-1	61	8	44	33	171
DUEIM											03	—	—	3	1	7	—	11.0	+1.9	27.2	41	+1	21	-3	65	26	64	28	173
RENK																											—	—	182
ROSEIRES											02	—	14	1	1	4	—	13.4	+2.9	24.8	37	+1	23	+1	77	dr.	96	130	172
EL OBEID											03	8	22	1	1	7	Ac	11.3	+1.3	26.6	39	+1	25	+3	63	0	34	39	174
EL FASHER											01	8	12	3	0	3	Ci	—	—	25.3	39	0	23	+1	68	0	17	19	175
GENEINA											00	8	24	1	0	0	—	—	—	23.1	40	—	17	—	31	0	—	—	179
KADUGLI																											—	—	187
S. SUDAN																													
MALAKAL											03	8	14	2	2	7	Ac As	12.8	+1.5	23.7	30	-4	22	0	86	dr.	300	232	176
WAU											03	—	20	2	6	7	—	11.1	+0.7	22.0	35	+1	21	0	88	14	356	409	177
JUBA																												428	178

UPPER WINDS الرياح العليا

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 7 h.	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 7 h.	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 5 h.	EL OBEID 7 h.	MALAKAL 7 h.	JÛBA	SALUM 5th 13 h.
02.31.15	02.30.20	02.31.10	02.04.10	02.32.10	02.25.05	02.01.05	03.01.30	06.02.35	06.01.25	06.19.20	07.29.20	06.21.10		02.02.25
05.36.10	04.28.15	05.30.15	05.00.00	05.02.10	05.34.10	05.36.25	07.36.35	10.02.35	10.05.30	10.20.25	10.36.05	10.18.25		05.30.25
10.32.20	05.34.30	10.32.15	10.28.25	08.03.10	10.35.15	10.34.15	10.35.25	15.34.15	15.08.20	15.24.25	15.01.15	15.15.15		10.31.30
15.33.35	10.36.20	15.29.25	15.26.25	10.26.20	15.28.15	15.34.15	15.01.10	19.28.25	20.09.20	20.27.15	20.06.15	20.13.10		15.28.20
20.32.30		19.31.45	20.30.20	15.25.20	20.29.20	20.33.15	20.28.45		25.11.25		30.09.25	30.14.25		20.32.40
22.31.40		20.30.25	25.29.15	20.25.25		25.29.20	25.31.25		30.07.15		39.10.20	40.10.05		25.33.35
		24.30.25		25.28.15			30.31.35		40.11.10			50.09.25		30.33.55
				30.29.15			40.26.45		50.31.20			53.09.30		
				35.27.20			50.27.25		60.35.25					
				36.26.15			60.30.55		70.04.25					

Forecast for 24 hours from noon on 6th
Light to moderate winds chiefly between west and northwest.
Mainly clear.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم 6
رياح بين الخفيفه و المعتدله اكثرها بين غربيه وشماليغربيه
السماء صحو على العموم
ولا تتغير درجة الحرارة الا قليلا

STATION	Mean of day Humidity % on 5th	Humidity Diff. from normal	Wet bulb temp. °C on 5th	Wet bulb Diff. from normal
Alexandria	66	-6	17.6	-1.8
Ezbekiya	56	+2	18.0	-2.8
Giza	52	-1	18.3	-1.5
Helwân	53	+13	16.8	-0.2

Giza Grass minimum on 6th 11.5 °C

Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
6-6	1459	1203
5-6	1459	1203

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	5-6	13.27	-0.22	13.32	-0.17
Nasser	5-6	7.95	+0.59	7.92	+0.62
Malakal	6-6	11.13	+0.51	11.11	+0.52
Roseires	6-6	12.62	+0.02	12.45	-0.07
Sennâr Res	5-6	6.12	—	6.21	—
J. Aulia U S	5-6	371.77	—	371.81	—
J. Aulia D S	5-6	371.23	+0.14	371.25	+0.17
Khartûm	5-6	10.74	+0.20	10.80	+0.28
Kh. el Girba	5-6	10.04	-0.42	10.04	-0.42
'Atbara	5-6	10.36	+0.22	10.36	+0.23
Kajnarti	5-6	132.28	+0.38	132.33	+0.42
Aswân Res	6-6	116.35	—	116.53	—
Aswân D S	6-6	86.71	+0.58	86.72	+0.61
Rôda (Cairo)	5-6	15.88	+0.40	15.88	+0.41

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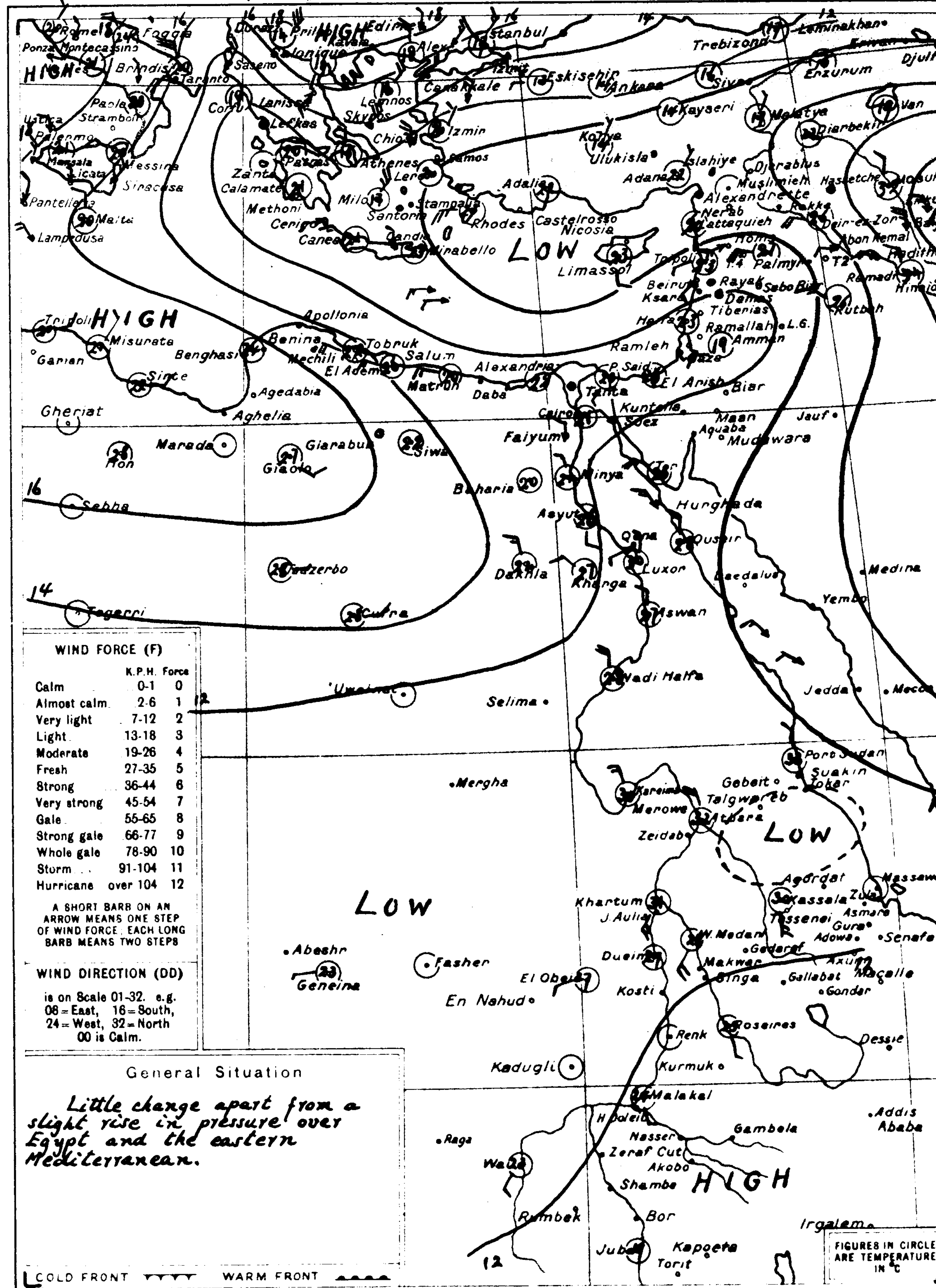
Isobars, Wind and Temperature at 8 h. 6-6-39 ٦-٦-٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

Little change apart from a slight rise in pressure over Egypt and the eastern Mediterranean.

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 6th الساعة ٨ يوم ٦

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	7	14	2	0	3	—	9.6	-6.4	23	—	—	—	—	—	0	610	459
Haifa	02	—	22	1	—	4	—	12.0	+2.5	23.6	25	-4	18	-1	66	0	559	645
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. 04 m. 53
" " Sunset h. 18 m. 54

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونية

At 14 h. on 6th (الساعة ١٤ يوم ٦) — At 8 h. on WEDNESDAY 7th (الساعة ٨ يوم الأربعاء ٧)

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb TTT °C	Max. Yesterday MM °C	Max. Diff. from norm. °C	Min. Today mm °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM	01	9	04	3	0	2	Cu	13.0	23.3	60	00	8	28	2	0	0	—	14.0	+0.5	20.4	25	—	14	—	74	0	82	—	130
	MATRÛH	01	7	30	4	1	3	Sc	12.3	22.0	89	00	7	26	2	0	0	—	13.5	+0.4	20.6	23	-4	16	-2	92	0	122	160	131
	DIKHEILA	01	8	26	3	1	3	Cu	13.5	22.5	68	01	8	16	3	0	1	Cu	14.3	—	23.3	24	—	16	—	51	0	94	—	150
	ALEXANDRIA	00	9	32	2	0	0	—	13.3	23.7	59	00	9	16	1	0	0	—	13.9	+1.0	22.0	26	-2	17	-3	53	0	166	185	132
	DAMIETTA											00	8	16	2	0	0	—	14.2	—	23.5	27	—	16	—	57	0	70	107	159
	PORT SAÏD	00	8	04	2	0	0	—	12.3	26.2	56	00	8	12	2	0	0	—	14.2	+2.8	22.5	27	-1	17	-3	72	0	64	80	134
	EL 'ARÎSH	00	7	30	3	0	0	—	12.0	24.9	64	00	7	00	0	0	0	—	14.7	—	26.0	26	—	16	—	57	0	130	93	135
LOWER EGYPT	DAMANHÛR											00	7	16	2	0	0	—	14.4	+1.8	24.0	28	-4	15	-2	48	0	29	103	136
	MANŞÛRA											00	8	14	2	0	0	—	14.3	—	23.5	30	-4	15	-3	52	0	46	55	137
	TANTA	01	8	28	2	0	1	Cu	12.4	28.0	44	00	8	00	0	0	0	—	14.6	+1.7	24.4	29	-6	17	-1	53	0	41	43	138
	ZAGÂZÎG	00	8	28	3	0	0	—	14.4	29.6	31	00	8	10	1	0	0	—	14.6	—	26.9	30	-4	15	-2	45	0	31	29	139
MIDDLE EGYPT	CAIRO: ALMÂZA	01	8	24	2	0	1	Cu	12.6	28.6	30	05	5	00	0	0	0	—	13.6	—	25.2	30	—	18	—	43	0	18	—	141
	CAIRO: EZBEKÎYA	00	9	00	0	0	0	—	11.8	29.3	29	00	6	26	1	0	0	—	13.8	+1.7	25.2	31	-3	18	-1	50	0	23	27	—
	CAIRO: GÎZA	00	9	28	1	0	0	—	12.0	29.0	35	01	8	00	0	1	1	Sc	13.9	+1.3	22.8	30	-5	13	-3	60	0	23	27	—
	HELWÂN	00	9	24	1	0	0	—	11.6	27.9	18	05	6	00	0	0	0	—	13.9	+1.5	23.9	30	-4	17	-2	43	0	26	29	143
	SUEZ	01	9	16	1	1	3	Cu	10.7	30.0	37	00	8	08	1	0	0	—	14.0	+2.3	25.0	32	-2	18	-2	61	0	27	18	144
UPPER EGYPT	FAIYÛM	00	8	30	2	0	0	—	12.0	29.3	25	00	7	18	2	0	0	—	14.4	+2.0	—	32	-4	16	-3	—	0	7	8	153
	MINYA	00	9	30	2	1	0	—	11.5	31.3	24	00	6	32	2	0	0	—	14.0	+2.8	25.3	32	-4	17	-2	41	0	4	—	154
	ASYÛT	00	8	22	3	0	0	—	11.4	32.0	17	00	6	08	2	0	0	—	14.4	+3.3	27.0	34	-3	18	-3	29	0	2	4	155
	QENA	00	8	20	3	0	0	—	9.8	33.7	33	00	8	22	2	0	0	—	13.1	+3.9	26.7	35	-5	19	-3	38	0	dr	—	156
	LUXOR	00	8	26	2	0	0	—	10.0	33.7	28	00	8	14	2	0	0	—	13.3	—	29.5	35	—	18	—	32	0	dr	—	157
	ASWÂN	00	7	00	0	0	0	—	8.8	36.0	27	00	7	30	1	0	0	—	12.7	+3.2	27.6	37	-4	23	-1	19	0	1	—	158
WESTERN DESERT	SIWA	00	8	00	0	1	0	—	13.6	30.0	50	00	8	00	0	0	0	—	13.3	+0.6	26.0	33	-3	15	-3	76	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	12.2	30.0	13	00	9	00	0	0	0	—	14.3	—	24.0	31	—	14	—	26	0	1	—	149
	KHÂRGA	00	8	32	1	0	0	—	10.3	36.5	28	00	8	00	0	0	0	—	14.2	+4.2	27.5	37	-3	21	-2	43	0	dr	tr	151
	DAKHLA	01	8	30	2	1	1	Ci	12.4	32.0	19	01	7	12	4	1	1	Ci	14.8	+3.7	26.0	35	-5	19	-3	41	0	dr	—	152
RED SEA	TÔR	01	6	28	2	0	1	Cu	9.6	33.0	53	00	6	28	4	0	0	—	12.6	+3.7	26.5	34	+2	19	-3	77	0	20	13	145
	HURGHADA	01	9	02	2	0	3	Ci	10.3	30.0	46	00	9	30	4	0	0	—	12.8	+3.4	27.4	31	-3	20	-3	54	0	1	—	146
	QUŞEIR	00	7	02	3	0	0	—	10.3	27.3	77	00	7	32	2	0	0	—	12.2	+3.1	29.5	30	-3	23	-2	50	0	tr	6	147
	PORT SUDAN											00	—	02	2	0	0	—	11.6	+4.3	32.4	36	-2	—	—	—	0	81	109	169
NORTH SUDAN	WÂDI HALFA											00	8	32	2	0	0	—	12.9	+3.6	28.1	37	-4	21	-1	22	—	—	—	165
	KAREIMA											00	8	30	4	0	0	—	12.4	+4.1	31.2	39	-4	24	-1	17	0	3	4	166
	'ATBARA											30	—	32	6	0	9	—	11.8	+4.8	32.5	40	-2	25	-1	15	0	6	9	167
	KHARTÛM											01	8	02	2	0	3	Ac	11.3	+3.1	31.6	41	0	25	-1	28	0	15	10	168
	KASSALA											01	8	16	4	0	3	Ac	11.6	+2.6	30.7	40	0	27	+2	48	0	40	31	170
CENTRAL SUDAN	WAD MEDANI											00	—	20	4	0	0	—	11.6	+3.1	31.7	38	-2	23	-1	42	0	44	35	171
	DUEIM											00	—	—	3	0	0	—	11.4	+2.3	31.0	36	-4	26	+2	49	0	64	29	173
	RENK ✓																												—	182
	ROSEIRES											01	—	14	1	1	4	—	15.2	+4.7	21.3	34	-2	20	-2	—	7	103	134	172
	EL OBEID											03	8	18	3	1	7	Ac	11.6	+1.6	27.2	35	-3	25	+3	69	0	34	41	174
	EL FÂSHER											01	8	12	3	0	4	Ac,Cc	—	—	27.0	36	-3	24	+2	69	0	17	19	175
	GENEINA											02	8	24	3	2	5	Ac	—	—	26.3	39	—	24	—	62	0	—	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL											03	8	14	2	2	6	Ac,Ac	13.4	+2.0	25.3	33	-1	23	+1	86	0	300	237	176
	WÂU											01	—	32	1	1	4	—	11.6	+1.2	25.4	30	-4	22	+1	80	0	356	414	177
	JÛBA											03	8	24	2	0	7	Cu	15.3	+3.0	23.8	32	-1	22	+1	83	0	539	433	178

UPPER WINDS (الرياح العليا الساعة يوم ٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7h	MATRÛH 7h	DIKHEILA 7h	CAIRO 8h	HELWÂN 8h 45m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 4h	KAREIMA 05h	KHARTÛM 7h	KASSALA 7h	EL OBEID 7h	MALAKÂL 7h	JÛBA	Salum 6th 13h
02.30.5	02.29.20	02.18.25	02.20.10	02.18.10	02.05.10	02.03.10	03.03.25	06.01.40	06.34.35	06.20.35	07.14.20	06.32.15		02.05.15
05.33.5	05.28.10	05.23.10	05.25.10	05.24.05	05.05.30	05.36.30	06.02.45	10.35.25	10.05.30	10.22.40	10.25.25	10.00.00		05.32.10
10.28.10	10.26.10	10.27.15	10.26.20	08.26.15	10.36.20	10.36.35	10.35.25	15.33.35	15.03.45	15.33.15	15.30.15	15.17.15		10.29.15
15.25.25	15.25.25	15.30.35	13.30.20	10.24.20	15.34.30	15.32.25	15.31.20	20.27.20	20.02.40	20.32.25	20.33.20	20.17.10		15.31.25
20.25.35	20.25.55	20.29.55	15.34.35	15.30.20	20.36.35	20.28.10	20.32.30	29.30.50	25.01.35	26.33.15	30.02.20	30.15.05		20.29.55
25.26.55		25.29.45	20.32.40	20.33.40			24.33.30		30.02.15		40.08.40	40.08.10		25.30.50
30.27.55		27.29.60	23.33.40	23.33.45					40.21.10		45.11.35	50.06.30		28.30.55
				25.34.45					50.29.20			53.05.35		
				30.33.40					60.13.15					
									66.13.20					

Forecast for 24 hours from noon on 7th

On the coast moderate westerly winds, veering to northwest. Inland light southwesterly winds, veering later to west or northwest.
Clear at first, occasional low cloud tomorrow, possibly with light showers on the coast.
Normal temperature today; slightly cooler tomorrow.

تنبؤات الطقس المنتظر في ٢٤ ساعة من ظهر يوم ٧
على السواحل رياح معتدلة غربية تتحول إلى شمالية غربية وفي الداخل
رياح خفيفة جنوبية غربية ثم تتحول إلى الغربية أو شمالية غربية
السماء صحو أولاً ثم يظهر بعض السحب المنخفضة أحياناً باكر ويحتمل
أن يصحبه مطر خفيف على السواحل
درجة الحرارة عادية اليوم ولكنها تهبط قليلاً باكر

STATION	Mean of day: Humidity % 6th	Diff. from normal	Wet bulb temp. °C 6th	Diff. from normal
Alexandria	61	-11	17.8	-1.7
Ezbekiya	47	-8	17.5	-3.3
Giza	54	+1	17.7	-2.1
Helwân	37	-3	15.3	-1.8

Giza Grass minimum on 7th 12.8 °C

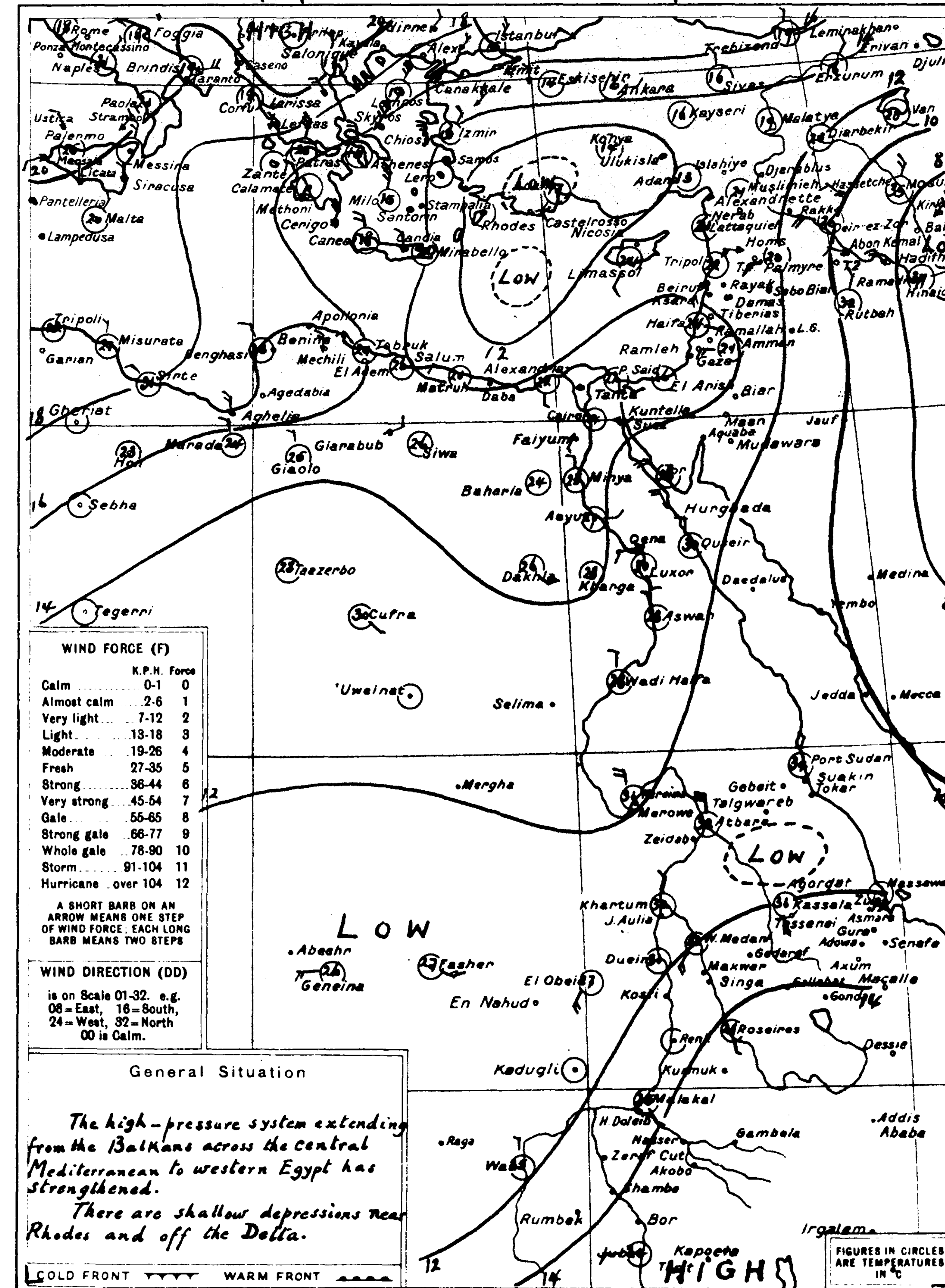
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
7-6	1459	1204
6-6	1459	1203

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-6	13.27	-0.22	13.27	-0.22
Nasser	6-6	8.00	+0.57	7.95	+0.59
Malakâl	7-6	11.14	+0.51	11.13	+0.51
Roseires	7-6	13.14	+0.45	12.62	+0.02
Sennâr Res	6-6	6.13	—	6.12	—
J. Aulia U.S	6-6	371.81	—	371.77	—
J. Aulia D.S	6-6	371.26	+0.16	371.23	+0.14
Khartûm	7-6	10.68	+0.10	10.70	+0.14
Kh. el Girba	6-6	10.03	-0.49	10.04	-0.42
'Atbara	7-6	10.40	+0.22	10.38	+0.22
Kajnarti	7-6	132.29	+0.41	132.29	+0.40
Aswân Res.	7-6	116.15	—	116.35	—
Aswân D.S.	7-6	86.71	+0.56	86.71	+0.58
Rôda (Cairo)	7-6	15.88	+0.39	15.88	+0.42

Printed by the Survey & Mines Dept. 1938 (38/554)

٧-٦-٣٩ Isobars, Wind and Temperature at 8 h. 7-6-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The high-pressure system extending from the Balkans across the central Mediterranean to western Egypt has strengthened.
There are shallow depressions near Rhodes and off the Delta.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 7th (الساعة ٨ يوم ٧)

STATION (محطة)	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	18	2	0	3	—	12.4	+1.4	24	—	—	—	—	—	0	610	459
Haifa	02	—	10	1	—	4	—	14.3	+4.9	24.0	26	-3	17	-2	60	0	559	645
SHIPS (سفن)																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise h. 04 m. 53

" " Sunset h. 18 m. 55

Month JUNE 1939. ١٩٣٩ شهر يونية

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 7th — الساعة ١٤ يوم ٧ / At 8 h. on THURSDAY 8th — الساعة ٨ يوم الخميس

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	02	8	04	4	1	4	Cu	14.8	20.3	81	02	8	02	2	1	5	AC	15.9	+2.5	19.0	23	—	16	—	75	0	82	—	130
MATRÛH	01	7	32	2	0	2	Cu	14.6	23.4	81	01	7	04	3	1	4	Cu	14.4	+1.4	22.7	23	-4	18	0	76	0	122	160	131
DIKHEILA	01	8	32	4	0	1	Cu	15.0	22.7	83	01	7	32	3	0	2	Sc	14.8	—	22.2	26	—	18	—	89	0	94	—	150
ALEXANDRIA	00	9	32	3	0	0	—	14.4	25.5	54	01	9	04	2	0	3	AC	14.0	+1.2	23.7	26	-2	20	0	75	0	166	185	132
DAMIETTA											00	8	04	2	0	0	—	13.8	—	25.0	29	—	20	—	68	0	70	107	159
PORT SAÏD	00	8	04	2	0	0	—	14.7	26.2	54	00	8	04	4	0	0	—	13.4	+2.1	24.2	27	-1	22	+1	70	0	64	80	134
EL 'ARISH	00	7	32	4	0	0	—	14.8	25.8	50	00	7	00	0	0	0	—	13.9	—	28.3	27	—	16	—	36	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											00	8	04	3	0	0	—	13.5	+1.0	25.3	32	0	17	0	61	0	29	103	136
MANSÛRA											00	8	02	2	0	0	—	13.1	—	25.8	33	-1	19	+1	49	0	46	55	137
TANTA	00	8	28	1	0	0	—	11.8	32.0	37	00	8	04	1	0	0	—	13.3	+0.4	25.4	32	-3	17	-1	57	0	41	43	138
ZAGÂZIG	00	8	28	3	0	0	—	14.3	32.4	24	00	8	02	1	0	0	—	12.8	—	26.9	33	-1	17	-1	45	0	31	29	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	01	8	26	2	0	3	Cu	13.9	32.0	25	05	6	26	1	0	0	—	13.3	—	25.1	33	—	23	—	50	0	18	—	141
EZBEKIYA	01	9	24	1	0	3	Cu	13.4	32.6	19	00	6	28	1	0	0	—	12.6	+0.6	25.2	34	0	20	+1	54	0	23	27	—
GIZA	01	9	30	1	1	3	Cu	13.0	33.0	25	00	7	00	0	0	0	—	12.4	-0.1	23.3	35	0	15	-1	61	0	23	27	—
HELWÂN	01	9	20	1	0	3	Cu	13.8	31.8	15	05	5	14	1	0	0	—	12.7	+0.4	24.9	33	-1	22	+3	35	0	26	29	143
SUEZ	00	9	16	1	0	0	—	13.9	29.1	38	00	8	16	1	0	0	—	13.8	+2.2	27.2	32	-2	23	+3	50	0	27	18	144
UPPER EGYPT																													
FAIYÛM	01	8	02	1	0	2	Cu	14.0	32.8	24	00	7	00	0	0	0	—	12.6	+0.2	28.7	35	-1	18	-1	29	0	7	8	153
MINYA	01	8	02	2	1	3	Cs	13.8	32.0	21	00	5	02	2	0	0	—	11.6	+0.5	27.0	33	-3	21	+2	30	0	4	—	154
ASYÛT	02	8	30	3	1	4	AC	13.3	32.9	26	00	7	12	3	0	0	—	12.6	+1.5	27.5	35	-2	19	-2	27	0	2	4	155
QENA	00	8	22	1	0	0	—	11.6	34.8	30	00	8	04	1	0	0	—	12.3	+3.1	27.4	36	-4	19	-3	47	0	dr.	—	156
LUXOR	00	8	26	2	0	0	—	11.6	35.3	20	00	8	32	1	0	0	—	12.6	—	30.9	36	—	19	—	33	0	dr.	—	157
ASWÂN	00	7	30	1	0	0	—	11.8	34.7	12	00	7	00	0	0	0	—	12.4	+2.9	28.4	37	-4	23	-1	26	0	1	—	158
WESTERN DESERT																													
SÎWA	00	8	22	3	1	0	—	14.3	35.0	42	00	8	00	0	0	0	—	14.3	+1.7	23.0	35	-1	16	-2	76	0	7	8	148
BAHARÎYA	00	9	00	0	0	0	—	13.0	33.0	16	00	9	00	0	0	0	—	12.8	—	27.0	35	—	17	—	26	0	1	—	149
KHÂRGA	00	8	04	3	0	0	—	11.5	35.2	28	00	8	00	0	0	0	—	12.8	+2.8	27.8	35	-5	20	-3	45	0	dr.	dr.	151
DÂKHLA	01	8	02	3	1	1	Ci	13.3	35.9	24	01	7	12	1	1	1	Ci	12.7	+1.6	26.9	37	-3	19	-3	30	0	dr.	—	152
RED SEA																													
TÔR	01	6	28	5	0	3	Cc	11.8	29.5	64	00	6	28	2	0	0	—	12.0	+3.2	27.0	31	-2	20	-2	83	0	20	13	145
HURGHÂDA	01	9	02	3	1	3	Sc	12.0	31.8	33	00	9	00	0	0	0	—	12.3	+3.0	30.7	32	-2	20	-3	44	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	12.4	27.3	82	00	7	22	2	0	0	—	12.6	+8.6	28.0	30	-3	23	-3	61	0	dr.	6	147
PORT SUDAN											00	—	04	3	0	0	—	9.8	+2.6	34.0	36	-2	31	+6	31	0	81	109	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	2	0	0	—	12.7	+3.5	26.8	38	-3	19	-4	20	—	—	—	165
KAREIMA											00	8	32	4	0	0	—	12.0	+3.8	31.1	39	-4	25	0	9	0	3	4	166
'ATBARA											30	—	02	6	0	—	—	9.9	+2.9	32.3	41	-2	25	-1	9	0	6	9	167
KHARTÛM											01	8	32	1	0	2	Ci	10.9	+2.7	30.9	43	+2	24	-2	27	0	15	10	168
KASSALA											00	8	14	4	0	0	—	9.2	+0.2	30.0	40	0	27	+2	47	0	40	32	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	18	4	0	0	—	11.8	+3.2	30.0	39	-1	23	-1	52	0	44	36	171
DUEIM											00	—	—	3	0	0	—	11.0	+1.8	28.6	38	-2	23	-1	60	0	64	30	173
RENK																			—			—		—			—	—	182
ROSEIRES											02	—	12	1	0	4	—	12.0	+1.4	26.4	32	-4	21	-1	65	0	103	138	172
EL OBEID											01	8	22	1	0	3	Ci	11.7	+1.7	27.5	37	-1	23	+1	63	0	34	42	174
EL FÂSHER											01	8	14	3	0	4	Ci	—	—	28.3	38	-1	25	+3	51	0	17	20	175
GENEINA											01	8	08	2	2	4	Ac	—	—	24.4	39	—	20	—	67	2	—	—	179
KADUGLI																											—	—	187
S. SUDAN																													
MALAKÂL											03	8	18	2	2	6	Ac	11.9	+0.5	25.3	32	-2	22	0	78	dr.	300	242	176
WAU											03	—	24	1	1	7	—	11.7	+1.3	24.7	33	-1	22	+1	78	0	356	420	177
JÛBA											00	8	00	0	0	0	—	13.5	+1.2	26.5	32	0	21	0	76	0	539	438	178

UPPER WINDS — الرياح العليا يوم ٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 5 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA	SALUM 7th 13 h.
02.36.45	02.09.15		02.20.10	02.31.15	02.14.25	02.35.05	03.06.10	06.02.50	06.36.25	06.20.45	07.24.35	06.09.05		02.03.20
05.03.15	05.09.15		05.21.15	05.20.10	05.11.25	05.07.25	06.04.30	10.02.30	10.03.40	10.23.55	10.27.20	10.16.10		05.31.05
10.03.10	10.01.20		10.22.30	08.21.30	10.11.20	10.05.35	10.05.35	15.35.20	15.03.45	15.26.35	15.01.25	15.10.20		10.22.05
15.34.15	15.31.25		15.23.25	10.22.30	15.12.20	15.01.35	15.02.35	20.32.10	20.36.25	20.29.20	20.04.30	20.08.35		15.26.25
20.28.35	Ent. Cu.		20.26.20	15.23.30			20.04.30	25.31.15	25.33.20	30.34.25	30.07.20	30.05.35		20.25.40
25.28.50			25.28.30	20.25.20					30.32.20	40.05.15	34.05.25	40.08.20		23.25.55
28.28.50			30.28.30	23.27.20					40.23.10			50.07.30		
				25.27.25					50.01.30					
				30.28.30					60.11.30					
									70.35.05					

Forecast for 24 hours from noon on 8th

On the coast moderate northeasterly winds, backing to northerly.

Inland variable winds, becoming northerly.

Clear at first, some low cloud later.

Possibly light showers on the coast in the west.

Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٨

على السواحل رياح معتدلة شمالية شرقية ثم تصير شمالية

وفي الداخل رياح مختلفة الاتجاه ثم تصير شمالية

السماء صحو اولا ثم يظهر بعض السحاب المنخفض فيما بعد

يحتمل تساقط مطر خفيف على الجهة الغربية من السواحل

ولا تتغير درجة الحرارة الا قليلا

STATION	Mean of day Humidity % 7th	Diff. from normal	Wet bulb temp. °C 7th	Diff. from normal
Alexandria	62	-10	18.3	-1.3
Ezbekiya	40	-15	18.4	-2.5
Giza	52	-1	19.3	-0.6
Helwân	28	-12	16.4	-0.8

Giza Grass minimum on 8th 11.2 °C

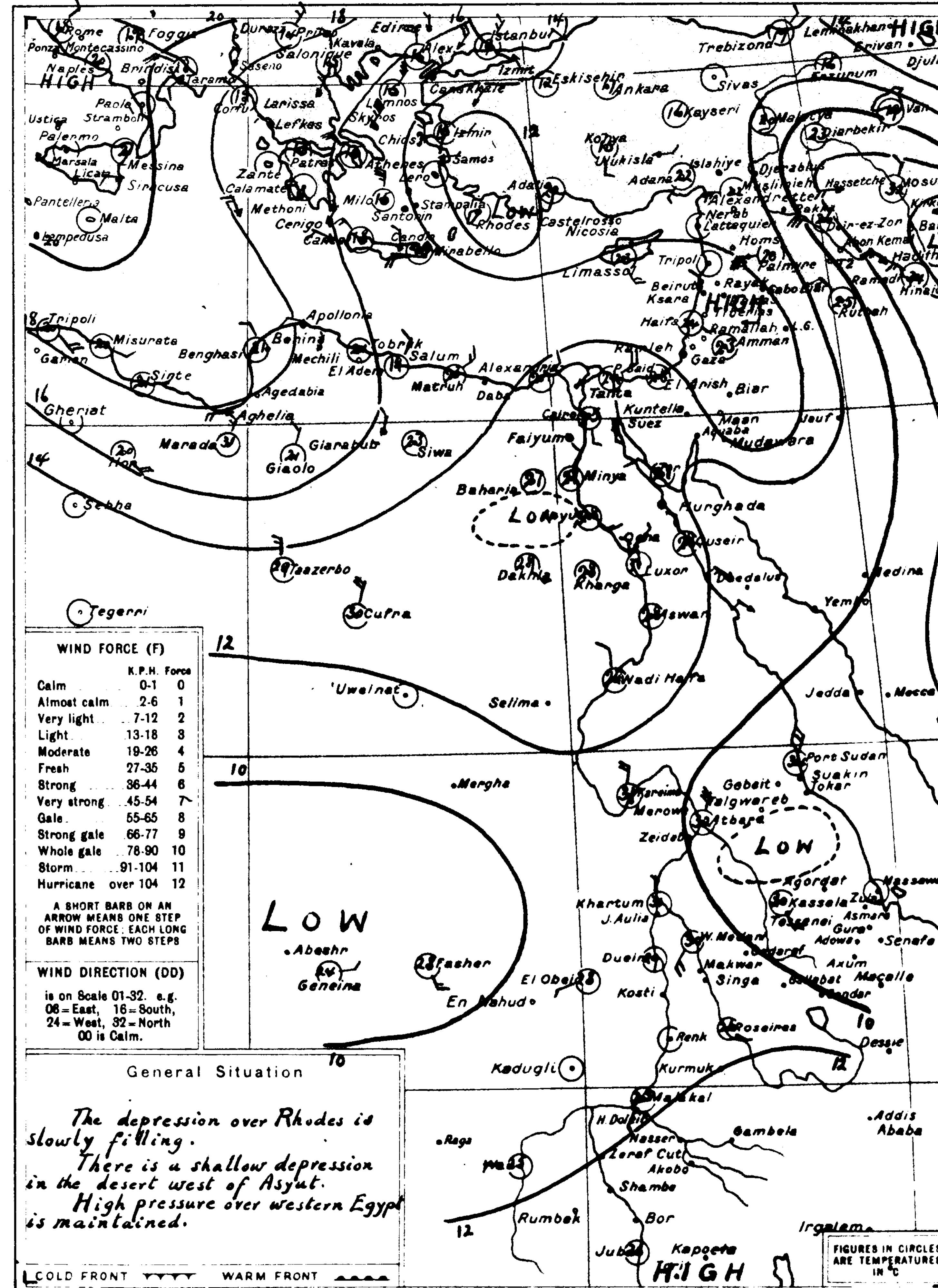
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
8-6	1459	1204
7-6	1459	1204

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-6	13.27	-0.22	13.27	-0.22
Nasser	7-6	8.04	+0.56	8.00	+0.57
Malakâl	8-6	11.16	+0.51	11.14	+0.51
Roseires	8-6	13.45	+0.68	13.14	+0.45
Sennâr Res	7-6	6.04	—	6.13	—
J. Aulia U.S	7-6	371.80	—	371.81	—
J. Aulia D.S	7-6	371.28	+0.17	371.26	+0.16
Khartûm	7-6	10.68	+0.10	10.70	+0.14
Kh. el Girba	7-6	10.03	-0.42	10.03	-0.42
'Atbara	7-6	10.40	+0.22	10.38	+0.22
Kajnarti	7-6	132.29	+0.41	132.29	+0.40
Aswân Res.	8-6	115.96	—	117.15	—
Aswân D.S.	8-6	86.71	+0.54	86.71	+0.56
Roda (Cairo)	8-6	15.88	+0.39	15.88	+0.39

Printed by the Survey & Mines Dept. 1938 (38 554)

٨-٦-٣٩ Isobars, Wind and Temperature at 8 h. 8-6-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

The depression over Rhodes is slowly filling.

There is a shallow depression in the desert west of Asyut.

High pressure over western Egypt is maintained.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 8th — الساعة ٨ يوم ٨

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	02	7	14	3	1	4	—	14.0	+3.2	23	—	—	—	—	—	0	610	459
Haifa	00	—	10	1	—	0	—	14.4	+5.0	24.5	26	-3	16	-3	43	0	559	645
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise h. m. 04 58
" " Sunset 18 55

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 8th — الساعة ١٤ يوم ٨ ; At 8 h. on FRIDAY 9th — الساعة ٨ يوم الجمعة ٩

Region	STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN	SALUM	01	8	02	5	1	3	Cu	15.0	21.0	68
	MATRUH	02	7	30	3	2	6	As	14.3	23.3	78
	DIKHEILA	00	8	32	4	0	0	—	14.4	22.5	92
	ALEXANDRIA	00	9	04	4	0	0	—	14.2	25.7	67
	DAMIETTA										
	PORT SAID	00	8	04	4	0	0	—	11.9	26.6	66
	EL 'ARISH	00	7	04	4	0	0	—	11.5	27.2	55
LOWER EGYPT	DAMANHUR										
	MANSURA										
	TANTA	00	7	00	0	0	0	—	10.7	33.6	29
	ZAGAZIG	00	8	22	2	0	0	—	10.6	35.4	22
MIDDLE EGYPT / CAIRO	ALMAZA	01	8	22	3	0	1	Cu	10.8	35.6	24
	EZBEKIYA	01	8	20	2	0	1	Cu	10.2	35.8	17
	GIZA	01	8	20	4	1	3	Cu	9.8	36.2	18
	HELWAN	01	8	20	4	0	1	Cu	9.5	34.9	10
	SUEZ	00	9	12	2	0	0	—	10.2	33.7	27
UPPER EGYPT	FAIYUM	01	8	20	2	0	3	Cu	10.4	35.8	14
	MINYA	00	7	24	3	0	0	—	10.3	36.4	17
	ASYUT	00	8	02	2	0	0	—	9.9	35.1	25
	QENA	00	8	26	2	0	0	—	10.4	37.0	33
	LUXOR	00	8	02	2	0	0	—	9.6	38.2	23
	ASWAN	00	7	32	5	0	0	—	8.8	38.5	16
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	12.8	38.0	53
	BAHARIYA	00	9	32	1	0	0	—	10.0	37.0	14
	KHARGA	00	8	04	2	0	0	—	9.9	36.8	30
	DAKHLA	01	7	22	2	1	3	Ci	9.5	39.4	27
RED SEA	TOR	00	6	28	2	0	0	—	9.8	30.5	70
	HURGHADA	00	9	10	1	0	0	—	10.4	33.4	21
	QUSEIR	00	7	02	3	0	0	—	11.6	29.3	59
	PORT SUDAN										
NORTHERN SUDAN	WADI HALFA										
	KAREIMA										
	ATBARA										
	KHARTUM										
	KASSALA										
CENTRAL SUDAN	WAD MEDANI										
	DUEIM										
	RENK										
	ROSEIRES										
	EL OBEID										
	EL FASHER										
	GENEINA										
	KADUGLI										
S. SUDAN	MALAKAL										
	WAU										
	JUBA										

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
SALUM	01	9	30	3	0	2	Cu	14.8	+1.4	19.4	21	—	14	—	71	0	82	—	130
MATRUH	02	7	26	4	1	5	Cu	14.3	+1.3	21.3	23	-4	17	-1	83	0	122	160	131
DIKHEILA	01	8	26	3	1	2	Cu	14.7	—	21.3	23	—	20	—	76	0	94	—	150
ALEXANDRIA	02	9	28	2	2	4	Ac	14.2	+1.4	21.2	27	-1	19	-1	62	0	166	185	132
DAMIETTA	01	8	30	2	1	4	Ac	13.0	—	22.2	27	—	20	—	62	0	70	107	159
PORT SAID	02	8	04	2	1	4	Sc	12.6	+1.3	21.0	28	0	21	0	87	0	64	80	134
EL 'ARISH	01	7	32	2	1	4	Cu	12.2	—	24.0	31	—	21	—	77	0	136	93	135
DAMANHUR	02	7	28	3	2	4	Cu	14.2	+1.7	23.9	30	-2	17	0	60	0	24	103	136
MANSURA	00	8	02	1	0	0	—	13.5	—	22.9	35	+1	18	0	56	0	46	55	137
TANTA	00	8	32	1	0	0	—	13.8	+1.0	23.6	34	-1	16	-2	55	0	41	43	138
ZAGAZIG	01	8	30	2	1	3	Cs	13.6	—	23.8	35	+1	16	-2	67	0	31	29	139
ALMAZA	02	8	28	3	1	5	Cu	13.9	—	22.0	36		18		74	0	18		141
EZBEKIYA	01	6	02	2	1	4	Cu	13.3	+1.3	22.8	36	+2	18	-1	70	0	23	27	—
GIZA	02	7	04	1	1	5	Cu	13.3	+0.8	22.2	36	+1	17	+1	79	0	23	27	—
HELWAN	05	6	32	2	0	3	Cu	13.1	+0.8	22.2	36	+2	19	0	65	0	26	29	143
SUEZ	01	7	32	2	1	2	Cu	12.3	+1.8	23.3	35	+1	20	-1	68	0	27	18	144
FAIYUM	02	7	32	3	0	4	Cu	13.6	+1.3	24.0	37	+1	19	0	63	0	7	8	153
MINYA	00	6	32	3	1	0	—	12.8	+1.8	23.8	37	+1	19	0	61	0	4		154
ASYUT	00	7	28	3	0	0	—	11.9	+0.9	25.0	39	+2	20	-1	54	0	2	4	155
QENA	00	6	22	4	0	0	—	9.6	+0.5	28.0	39	-1	21	-1	56	0	d	—	156
LUXOR	00	8	14	2	0	0	—	9.9	—	33.1	40		21		32	0	d	—	157
ASWAN	00	7	00	0	0	0	—	10.0	+0.6	31.8	39	-2	25	+1	28	0	1	—	158
SIWA	00	8	00	0	0	0	—	16.2	+3.7	22.4	—	[illegible]	15	-3	87	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	14.6	—	22.0	38		18		70	0	1		149
KHARGA	00	8	32	3	0	0	—	12.7	+2.8	27.2	38	-2	19	-4	42	0	d	t	151
DAKHLA	05	3	16	1	4	0	—	13.1	+2.0	28.0	41	+1	22	0	64	0	d		152
TOR	00	6	28	5	0	0	—	9.8	+1.1	25.5	32	-1	21	-1	88	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	—	—	26.5	34	0	20	-3	69	0	1	—	146
QUSEIR	00	7	26	2	0	0	—	9.0	+0.1	28.0	32	-1	25	-1	55	0	t	6	147
PORT SUDAN	00	—	02	2	0	0	—	9.0	+1.9	29.9	37	-1	—	—	47	0	81	109	169
WADI HALFA	00	8	24	2	0	0	—	10.4	+1.3	31.6	40	-1	22	-1	24	—	—		165
KAREIMA	00	8	32	2	0	0	—	10.3	+2.1	31.5	41	-2	26	0	17	0	3	[illegible]	166
ATBARA	00	—	02	3	0	0	—	9.3	+2.3	32.2	41	-2	25	-1	17	0	6	9	167
KHARTUM	01	8	04	4	0	3	Ci, Ac	8.7	+0.5	32.7	43	+2	25	-1	12	0	15	10	168
KASSALA	01	8	12	3	0	3	Ci	9.4	+0.3	29.0	40	0	25	0	46	0	40	33	170
WAD MEDANI	00	—	16	6	0	0	—	9.1	+0.5	31.7	41	+1	22	-2	36	0	44	37	171
DUEIM	00	—	—	3	0	0	—	8.7	-0.5	31.0	40	0	25	+1	47	0	64	30	173
RENK																			182
ROSEIRES	00	—	14	1	0	0	—	10.2	-0.5	27.9	35	-1	21	-1	65	d	103	142	172
EL OBEID	01	8	00	0	0	4	Ci, Ac	8.8	-1.3	30.0	—	—	—	—	21	—	34	43	174
EL FASHER	00	8	20	4	0	0	—	—	—	27.4	34	-5	21	-1	26	0	17	21	175
GENEINA	02	8	26	2	1	5	Ac	—	—	26.2	39	—	21	—	55	d	64	—	179
KADUGLI																			187
MALAKAL	03	8	30	1	2	6	Ci, Ac	10.4	-1.1	26.0	36	+3	23	+1	76	2	302	247	176
WAU	03	—	20	1	1	6	—	10.1	-0.4	24.8	34	0	22	+1	77	0	356	426	177
JUBA	01	8	20	2	0	4	Cu, Sc	11.7	-0.6	24.0	34	+2	23	+2	91	0	539	442	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h	MATRUH	DIKHEILA 7 h	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA 7 h	KAREIMA 7 h	KHARTUM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	Salum 13 h
05.35.25		02.32.10					03.32.15	06.04.50	06.02.40	06.20.35	07.01.15	06.22.20		02.03.25
10.33.15		05.32.15					06.34.10	10.04.45	10.02.70	10.23.20	10.03.30	10.20.10		05.36.30
15.30.40		10.31.15					10.03.10	15.03.45	15.02.55	15.34.20	15.04.30	15.02.05		10.31.25
20.30.25		15.28.30					15.05.15	20.02.50	20.02.40	20.33.20	20.02.20	20.27.05		15.29.30
25.29.35		18.27.60					20.04.20	25.01.45	25.02.30	30.01.15	24.01.10			20.27.30
30.27.30		20.27.45					30.32.40	30.01.35	30.03.45	40.10.30				25.26.25
		25.28.35					40.31.40	40.36.05	40.05.25	50.11.35				30.29.40
		30.28.35						50.17.05	50.16.30					35.28.55
		32.28.40						60.35.25	60.09.35					
								70.06.10	66.06.10					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % 8th	Diff. from normal	Wet bulb temp. °C 8th	Diff. from normal
Alexandria	72	0	20.5	+0.6
Ezbekiya	50	-5	19.4	-1.5
Giza	58	+4	19.7	-0.2
Helwan	41	+1	17.4	+0.2
Giza Grass minimum	9th		15.2 °C	

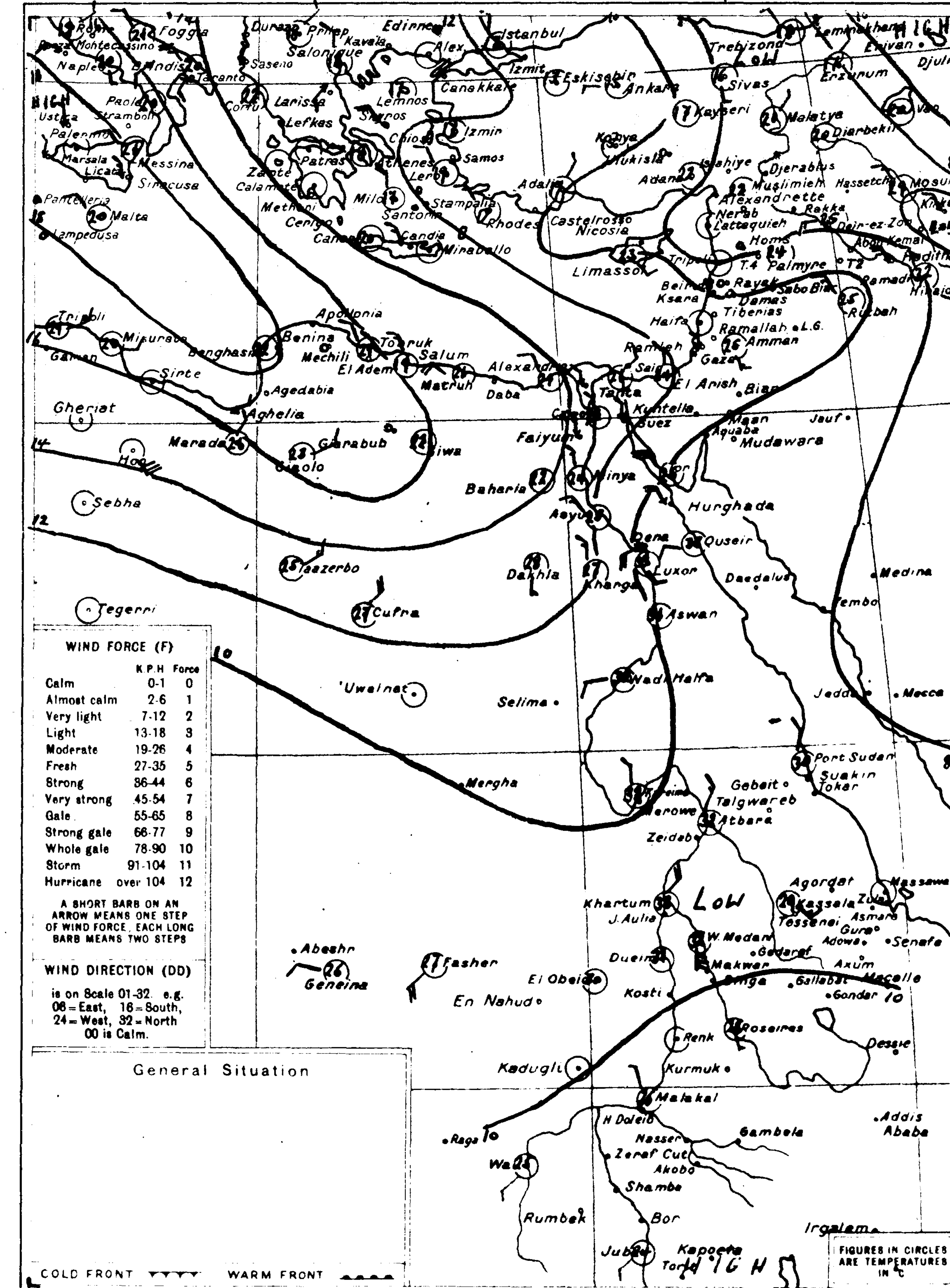
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
9-6	1459	1204
8-6	1459	1204

GAUGE	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	7-6	13.27	-0.22	13.27	-0.22
Nasser	7-6	8.04	+0.56	8.00	+0.57
Malakal	8-6	11.16	+0.51	11.14	+0.51
Roseires	8-6	13.45	+0.68	13.14	+0.45
Sennar Res	9-6	6.10	—	5.45	—
J. Aulia U.S	7-6	371.80	—	371.81	—
J. Aulia D.S	7-6	371.28	+0.17	371.26	+0.16
Khartum	7-6	10.68	+0.10	10.70	+0.14
Kh. el Girba	7-6	10.08	-0.41	10.08	-0.42
Atbara	7-6	10.40	+0.22	10.38	+0.22
Kajnarti	9-6	132.37	+0.46	132.33	+0.46
Aswan Res	9-6	115.80	—	115.96	—
Aswan D.S	8-6	86.70	+0.62	86.71	+0.54
Roda (Cairo)	8-6	15.88	+0.39	[illegible]	+0.39

Printed by the Survey & Mines Dept. 1938 [illegible]

٩-٦-٣٩ Isobars, Wind and Temperature at 8 h 9.6.39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 9th — الساعة ٨ يوم ٩

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff from norm. °C	Min. Today °C mm	Min. Diff from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol	01	7	12	2	1	3	—	10.7	-0.1	23	—	—	—	—	—	0	610	460
Haifa	00	—	26	1	—	0	—	11.4	+2.1	23.8	27	-2	24	+1	71	0	659	646
SHIPS سفن																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Time of Sunrise h. 4 m. 53
" " Sunset 18 56

Month *JUNE* 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 9/6/39 — الساعة ١٤ يوم ٩/٦

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)
MEDITERRANEAN										
SALŪM	02	9	04	4	1	4	Cu	15.0	20.6	70
MATRŪH	01	7	30	4	0	3	Sc	14.8	22.2	83
DIKHEILA	01	8	26	3	1	4	Sc	15.0	23.0	78
ALEXANDRIA	02	9	28	3	2	4	Ac	14.3	23.8	61
DAMIETTA										
PORT SAĪD	00	—	30	5	0	0	—	12.8	25.9	60
EL 'ARĪSH	01	7	28	3	1	3	Cu	12.8	24.8	76
LOWER EGYPT										
DAMANHŪR										
MANṢŪRA										
TANTA	00	8	28	2	0	0	—	11.2	29.4	43
ZAGĀZIG	01	8	30	1	1	3	Cs	13.1	29.8	35
MIDDLE EGYPT										
CAIRO ALMĀZA	01	8	26	3	1	4	Cu	13.0	29.8	40
CAIRO EZBEKĪYA	01	9	28	3	1	3	Cu	12.3	29.7	33
CAIRO GIZA	01	8	28	3	1	3	Cu	12.2	29.2	38
HELWAN	01	8	24	4	1	1	Cu	11.6	28.5	29
SUEZ	01	9	02	2	1	2	Cu	11.1	29.4	39
UPPER EGYPT										
FAIYŪM	00	8	30	2	0	0	—	12.3	30.3	31
MINYA	01	8	32	3	1	4	Cs	11.1	31.0	33
ASYŪT	01	7	26	4	1	3	Ac	11.2	32.8	25
QENA	00	8	22	3	0	0	—	8.6	37.0	19
LUXOR	00	8	26	4	0	0	—	9.3	36.0	25
ASWĀN	00	7	32	1	0	0	—	7.4	40.0	19
WESTERN DESERT										
SIWA	00	8	00	0	0	0	—	15.0	29.4	50
BAHARĪYA	00	9	00	0	0	0	—	13.4	28.0	31
KHĀRGA	00	8	04	3	0	0	—	10.2	35.6	31
DAKHLA	01	7	30	3	1	1	Ci	12.6	33.0	48
RED SEA										
TOR	00	6	28	5	0	0	—	8.3	31.5	72
HURGHADA	00	9	32	5	0	0	—	8.6	31.2	44
QUSEIR	00	7	02	2	0	0	—	8.7	28.2	76
PORT SUDAN										

At 8 h. on SATURDAY 10th — الساعة ٨ يوم السبت ١٠

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																			
SALŪM	01	8	00	0	0	2	Cu	16.2	+2.8	19.6	22	—	14	—	75	0	82	—	130
MATRŪH	01	7	26	1	1	4	Cu	15.5	+2.6	20.6	23	-4	16	-2	83	0	122	160	131
DIKHEILA	01	8	00	0	0	3	Cu	16.0	—	22.3	23	—	16	—	74	0	94	—	150
ALEXANDRIA	02	9	00	0	2	5	Ac	15.4	+2.7	22.1	26	-2	18	-2	69	0	166	185	132
DAMIETTA	02	8	12	1	1	4	Cu	14.8	—	23.0	24	—	17	—	59	0	70	107	159
PORT SAĪD	02	8	28	2	1	4	Sc	15.2	+3.9	21.5	27	-1	19	-2	80	0	64	80	134
EL 'ARĪSH	01	7	00	0	1	2	Cu	15.0	—	25.0	27	—	16	—	61	0	130	93	135
LOWER EGYPT																			
DAMANHŪR	01	8	10	2	1	4	Cu	15.6	+3.2	24.3	27	-6	16	-1	63	0	29	103	136
MANṢŪRA	01	8	18	1	1	4	Sc	15.4	—	23.1	29	-5	16	-2	62	0	46	55	137
TANTA	01	8	00	0	1	3	Cu	15.9	+3.2	22.0	30	-5	14	-4	66	0	41	43	138
ZAGĀZIG	02	7	02	1	1	4	Cu	15.5	—	25.4	30	-4	15	-3	60	0	31	29	139
MIDDLE EGYPT																			
CAIRO ALMĀZA	01	6	26	1	0	2	Sc	14.3	—	22.8	30	—	18	—	64	0	18	—	141
CAIRO EZBEKĪYA	00	6	28	2	0	0	—	14.7	+2.8	23.4	31	-3	18	-1	59	0	23	27	—
CAIRO GIZA	00	6	00	0	0	0	—	15.0	+2.6	21.7	30	-5	16	0	74	0	23	27	—
HELWAN	05	6	28	2	0	0	—	14.7	+2.5	21.9	30	-4	17	-2	53	0	26	29	143
SUEZ	00	8	32	1	0	0	—	14.8	+3.3	23.0	32	-2	17	-4	64	0	27	18	144
UPPER EGYPT																			
FAIYŪM	00	8	30	2	0	0	—	15.1	+2.8	24.8	32	-4	17	-2	51	0	7	8	153
MINYA	00	6	02	2	0	0	—	15.2	+4.3	25.0	32	-4	18	-1	49	0	4	—	154
ASYŪT	00	7	26	2	0	0	—	13.9	+3.0	26.0	33	-4	18	-3	45	0	2	4	155
QENA	00	8	24	2	0	0	—	12.0	+3.0	26.6	38	-2	21	-1	50	0	dr	—	156
LUXOR	00	8	30	3	0	0	—	12.0	—	29.0	37	—	19	—	39	0	dr	—	157
ASWĀN	00	7	02	2	0	0	—	11.5	+2.2	27.6	41	0	24	-1	37	0	1		158
WESTERN DESERT																			
SIWA	00	8	00	0	0	0	—	15.4	+2.9	24.0	31	-5	16	-3	51	0	7	8	148
BAHARĪYA	00	9	08	1	0	0	—	15.5	—	23.0	31	—	16	—	59	0	1	—	149
KHĀRGA	00	8	32	2	0	0	—	13.5	+3.7	26.1	36	-4	21	-2	45	0	dr	tr	151
DAKHLA	05	6	08	1	0	0	—	13.4	+2.4	27.6	34	-6	19	-3	40	0	dr	—	152
RED SEA																			
TOR	00	6	28	6	0	0	—	10.8	+2.2	26.0	36	+3	24	+2	80	0	20	13	145
HURGHADA	00	9	28	5	0	0	—	11.0	+1.8	27.2	34	0	23	0	44	0	1	—	146
QUSEIR	00	7	32	4	0	0	—	11.6	+2.8	27.5	33	0	25	-1	58	0	tr	6	147
PORT SUDAN	00	—	28	1	0	0	—	8.4	+1.4	35.7	38	0	32	+7	52	0	81	109	169
NORTH SUDAN																			
WĀDI HALFA	00	8	02	4	0	0	—	11.5	+2.4	28.2	42	+1	23	0	39	—	—	—	165
KAREIMA	00	8	30	5	0	0	—	10.8	+2.6	32.8	43	0	27	+1	16	0	3	4	166
'ATBARA	00	—	06	3	0	0	—	9.3	+2.4	34.8	42	-1	26	0	11	0	6	9	167
KHARTŪM	05	7	04	1	1	4	Cs	8.7	+0.5	34.3	44	+3	27	+1	22	0	15	10	168
KASSALA	01	8	12	2	0	3	Ci	7.6	-1.5	31.1	40	0	27	+2	37	0	40	34	170
CENTRAL SUDAN																			
WAD MEDANI	00	—	22	5	0	0	—	8.0	-0.6	32.0	42	+2	26	+2	42	0	44	39	171
DUEIM	00	—	—	3	0	0	—	8.8	-0.4	30.8	41	+1	26	+2	51	0	64	31	173
RENK									—			—		—				—	182
ROSEIRES	00	—	18	1	0	0	—	9.0	-1.7	30.3	39	+3	24	+2	47	dr	103	146	172
EL OBEID	03	8	22	4	0	8	Cs	9.3	-0.8	26.9	40	+2	24	+2	69	0	34	44	174
EL FASHER	01	8	02	2	0	1	Ci	—	—	30.5	40	+1	23	+1	25	0	17	21	175
GENEINA	00	8	24	2	1	0	—	—	—	25.5	41	—	20	—	47	0	54	—	179
KADUGLI																		—	187
S. SUDAN																			
MALAKĀL	03	8	18	2	2	7	AcAs	11.5	0.0	23.0	32	-1	21	-1	89	0	302	252	176
WAU	03	—	20	1	6	7	—	10.7	+0.2	23.4	34	0	22	+1	84	8	364	431	177
JŪBA	00	8	24	3	0	0	—	12.2	-0.1	23.0	27	-5	18	-3	91	dr	539	447	178

UPPER WINDS

الرياح العليا يوم ١٠ — 10th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM 7 h.	MATRŪH 7 h.	DIKHEILA 7 h.	CAIRO 8 h.	HELWĀN 8 h. 30 m.	ASYŪT 7 h.	ASWĀN 7 h.	WĀDI HALFA 4 h.	KAREIMA 7 h.	KHARTŪM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKĀL 7 h.	JŪBA h. m.	El Fasher 7 h.
02.32.10	02.30.10	03.10.05	02.36.15	02.31.10	02.01.20	02.01.15	03.02.30	06.02.60	06.09.30	06.19.25	07.28.30	06.22.20		09.10.25
05.35.15	05.32.05	05.08.05	05.02.15	05.36.10	05.01.35	05.01.30	06.02.50	10.01.70	10.06.45	10.22.30	10.26.30	10.16.30		10.09.35
10.32.20	10.29.30	07.01.05	10.35.30	08.35.20	10.35.35	10.34.25	10.36.40	15.01.45	15.03.80	15.29.25		15.15.20		15.07.50
15.29.35		10.33.40	15.32.50	10.33.40	15.35.35	15.33.30	15.35.45	20.01.20	20.02.80	20.33.25		20.07.15		20.06.65
20.29.40		15.31.45	20.30.50	16.32.40	20.33.40		20.34.30	25.34.20	25.04.60	30.05.10		30.06.35		30.07.35
25.29.55		20.30.55		20.31.50			30.36.15	30.19.30	30.04.60	34.07.05		40.07.50		39.08.55
		22.29.55		23.29.55				40.25.25	40.06.40			48.08.30		
				25.28.60				50.19.25	50.07.30					
								60.11.10	60.05.40					
									70.05.70					

Forecast for 24 hours from noon on *10th*

Moderate winds between northwest and northeast.
Clear or occasional medium cloud.
Slightly warmer but temperature remaining below normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٠

رياح معتدلة تهب ما بين الشمال الغربى والشمال الشرقى
السماء صحو أو يظهر بها بعض السحاب الوسط
وتزداد حرارة الجو قليلا إلا أنها تبقى دون المعدل.

STATION	Mean of day: Humidity % on 9th	Humidity Diff. from normal	Wet Bulb Temp °C on 9th	Wet Bulb Diff. from normal
Alexandria	63	-9	17.9	-1.9
Ezbekiya	56	+1	19.0	-2.0
Giza	62	+8	19.5	-0.5
Helwān	46	+6	17.4	+0.1

Giza Grass minimum on *10th* *14.3*°C

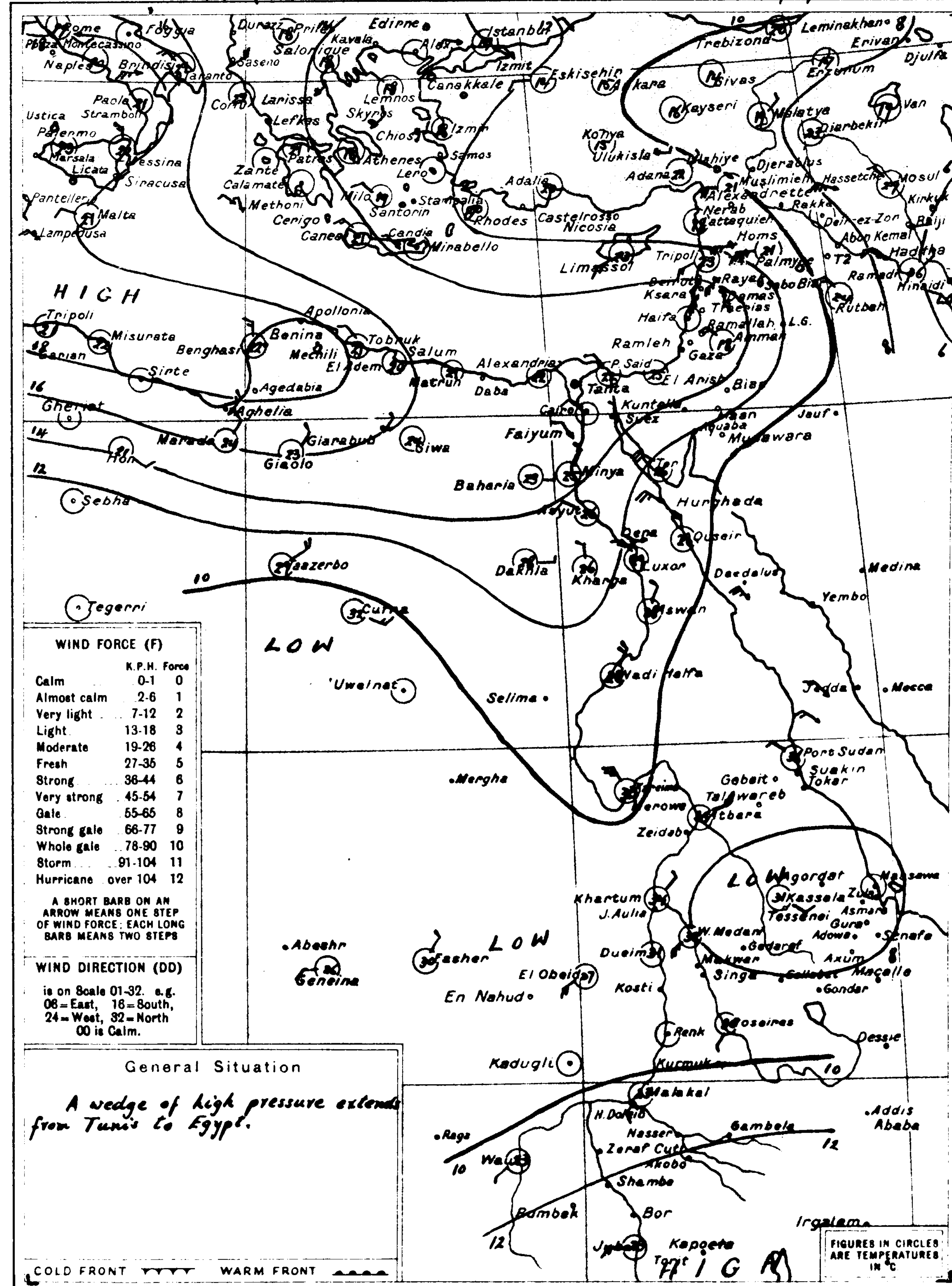
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
10-6	1459	1203
9-6	1459	1204

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	9-6	13.35	-0.14	13.37	-0.12
Nasser	9-6	8.10	+0.51	8.06	+0.54
Malakāl	10-6	11.18	+0.49	11.17	+0.50
Roseires	10-6	13.43	+0.52	13.58	+0.73
Sennār Res	9-6	6.10	—	5.95	—
J. Aulia U.S	9-6	371.79	—	371.82	—
J. Aulia D.S	9-6	371.28	+0.15	371.29	+0.17
Khartūm	9-6	10.66	+0.03	10.68	+0.07
Kh. el Girba	9-6	10.02	-0.48	10.02	-0.43
'Atbara	9-6	10.38	+0.18	10.40	+0.21
Kajnarti	9-6	132.37	+0.46	132.33	+0.46
Aswān Res.	10-6	115.58	—	115.80	—
Aswān D.S	10-6	86.70	+0.50	86.70	+0.52
Roda (Cairo)	10-6	15.91	+0.41	15.91	+0.41

Printed by the Survey & Mines Dept. 1938 (38-5541)

١٩٣٩-٦-١٠ Isobars, Wind and Temperature at 8 h. *10 - 6 - 1939*



FIGURES IN CIRCLES ARE TEMPERATURES IN °C

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

A wedge of high pressure extends from Tunis to Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 10th — الساعة ٨ يوم ١٠

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	02	6	22	3	1	4	—	12.8	+2.1	23	—	—	—	—	—	0	610	460
Halfa	01	—	26	1	—	3	—	14.6	+5.4	23.8	27	-2	19	0	49	0	559	646
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 33
" " Sunset 18 36

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 10-6 (الساعة ١٤ يوم ٦/١٠) — At 8 h. on SUNDAY 11th (الساعة ٨ يوم الأحد ١١)

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
Mediterranean	SALÛM	01	8	04	4	1	3	Cu	15.8	20.7	77	01	8	32	3	0	3	Cu	16.7	+3.4	19.8	22	—	16	—	82	0	82	—	130
Mediterranean	MATRÛH	01	7	32	3	0	2	Sc	15.0	22.4	84	02	7	30	1	2	5	Cu	16.0	+3.1	21.2	23	-4	17	-1	84	0	122	160	131
Mediterranean	DIKHEILA	01	8	30	3	0	1	Cu	15.8	22.5	81	01	8	02	1	0	3	Sc	16.3	—	22.6	23	—	20	—	75	0	94	—	150
Mediterranean	ALEXANDRIA	00	9	26	2	0	0	—	15.2	23.8	63	01	9	00	0	2	3	Ac	16.2	+3.6	23.6	25	-3	19	-1	65	0	166	185	132
Mediterranean	DAMIETTA											01	8	20	1	0	2	Ac	15.6	—	23.9	26	—	17	—	61	0	70	107	159
Mediterranean	PORT SAÏD	00	8	04	2	1	0	—	14.7	26.5	57	01	8	28	3	1	1	Cs	16.3	+5.1	22.5	27	-1	19	-2	72	0	64	80	134
Mediterranean	EL 'ARÎSH	00	7	30	3	1	0	—	14.2	24.6	62	01	7	00	0	1	2	Cu	16.0	—	25.0	26	—	17	—	64	0	130	93	135
Lower Egypt	DAMANHÛR											01	7	04	2	1	2	Cu	16.6	+4.3	24.2	28	-5	16	-2	62	0	29	103	136
Lower Egypt	MANSÛRA											00	8	02	1	0	0	—	16.2	—	22.6	30	-4	18	0	65	0	46	55	137
Lower Egypt	TANTA	01	8	24	1	1	3	Cu	14.7	29.0	34	00	8	00	0	0	0	—	16.4	+3.8	23.0	30	-5	14	-4	64	0	41	43	138
Lower Egypt	ZAGÂZIG	01	8	30	2	1	3	Ci	14.3	29.6	30	00	8	02	1	0	0	—	16.3	—	24.6	30	-4	16	-2	62	0	31	29	139
Middle Egypt (Cairo)	ALMÂZA	01	8	26	3	0	2	Cu	14.3	29.8	42	00	7	02	1	0	0	—	15.4	—	23.4	30	—	18	—	62	0	18	—	141
Middle Egypt (Cairo)	EZBEKIYA	00	9	02	3	0	0	—	13.8	29.7	33	00	6	30	1	0	0	—	15.2	+3.4	24.2	31	-3	18	-1	60	0	23	27	—
Middle Egypt (Cairo)	GÎZA	01	8	30	2	0	1	Cu	13.8	29.3	36	00	6	30	1	0	0	—	15.5	+3.1	22.7	30	-5	16	-1	72	0	23	27	—
Middle Egypt	HELWÂN	01	8	26	5	0	1	Cu	13.6	28.9	21	00	7	32	2	0	0	—	15.5	+3.3	25.0	30	-4	18	-1	30	0	26	29	143
Middle Egypt	SUEZ	00	9	28	3	0	0	—	13.1	28.6	30	00	8	32	3	0	0	—	15.6	+4.2	23.2	31	-4	19	-2	59	0	27	18	144
Upper Egypt	FAIYÛM	00	8	32	4	0	0	—	13.9	30.0	25	00	8	02	3	0	0	—	—	—	25.6	31	-5	19	-1	44	0	7	8	153
Upper Egypt	MINYA	00	7	30	3	0	0	—	12.7	30.4	32	00	6	32	1	0	0	—	13.9	+3.0	26.0	32	-4	18	-1	38	0	4	—	154
Upper Egypt	ASYÛT	00	8	30	3	0	0	—	11.9	32.0	24	00	6	20	2	0	0	—	13.4	+2.5	27.5	34	-3	20	-1	35	0	2	4	155
Upper Egypt	QENA	00	8	02	2	0	0	—	10.2	35.8	25	00	8	22	1	0	0	—	12.4	+3.5	27.6	39	-1	22	-1	43	0	dr	—	156
Upper Egypt	LUXOR	00	8	32	2	0	0	—	10.3	35.9	29	00	8	04	1	0	0	—	12.4	—	29.0	38	—	20	—	45	0	dr	—	157
Upper Egypt	ASWÂN	00	7	32	5	0	0	—	9.0	38.5	22	00	7	00	0	0	0	—	11.5	+2.3	29.4	39	-2	25	0	41	0	1		158
Western Desert	SIWA	02	8	00	0	1	5	Cu	13.9	33.0	44	00	8	00	0	0	0	—	15.9	+3.5	24.0	35	-1	17	-2	83	0	7	8	148
Western Desert	BAHARIYA	00	9	00	0	0	0	—	13.4	31.0	32	00	6	04	1	0	0	—	15.5	—	25.0	33	—	16	—	47	0	1	—	149
Western Desert	KHÂRGA	00	8	04	3	0	0	—	11.4	36.2	28	00	8	04	2	0	0	—	11.5	+1.8	29.7	38	-2	20	-3	37	0	dr	Tr	151
Western Desert	DÂKHLA	00	7	28	1	0	0	—	12.0	35.0	30	05	6	10	1	0	0	—	12.4	+1.5	29.4	37	-3	20	-2	38	0	dr	—	152
Red Sea	TÔR	00	6	28	7	0	0	—	10.0	28.5	77	00	6	28	6	0	0	—	13.1	+4.5	25.5	30	-3	21	-2	88	0	20	13	145
Red Sea	HURGHÂDA	00	9	30	5	0	0	—	10.2	31.6	28																	1	—	146
Red Sea	QUSEIR	00	7	02	4	0	0	—	10.4	28.4	63	00	6	32	3	0	0	—	12.6	+3.9	27.5	30	-3	24	-2	47	0	tr	6	147
Red Sea	PORT SUDAN											00	—	28	2	0	0	—	11.4	+4.5	33.0	38	0	—	—	54	0	81	109	169
North Sudan	WÂDI HALFA											00	8	30	2	0	0	—	10.4	+1.4	29.9	40	-1	22	-1	25	—	—	—	165
North Sudan	KAREIMA											00	8	32	4	0	0	—	10.3	+2.2	32.3	42	-1	27	+1	14	0	3	4	166
North Sudan	ATBARA											00	—	08	3	0	0	—	9.6	+2.7	34.2	42	-1	27	+1	14	0	6	9	167
North Sudan	KHARTÛM											05	7	20	3	0	0	—	9.8	+1.6	32.2	45	+4	28	+2	33	0	15	11	168
North Sudan	KASSALA											01	8	16	2	1	4	Ac	9.8	+0.6	30.2	41	+2	27	+2	41	0	40	35	170
Central Sudan	WAD MEDANI											00	—	20	4	0	0	—	9.0	+0.3	32.2	43	+3	26	+2	32	0	44	40	171
Central Sudan	DUEIM											00	—	—	3	0	0	—	9.3	0.0	29.8	41	+1	27	+3	57	0	64	32	173
Central Sudan	RENK																												—	182
Central Sudan	ROSEIRES											02	—	12	1	0	4	—	10.4	-0.4	30.0	38	+2	21	-1	42	13	116	150	172
Central Sudan	EL OBEID											02	8	12	3	0	5	Ci	9.5	-0.6	29.3	40	+2	25	+3	58	0	34	45	174
Central Sudan	EL FASHER											00	8	12	2	0	0	—	—	—	28.5	40	+1	23	+1	24	0	17	22	175
Central Sudan	GENEINA											01	8	04	1	1	2	Ac	—	—	26.4	41	—	21	—	48	0	54	—	179
Central Sudan	KADUGLI																												—	187
S. Sudan	MALAKÂL											01	8	02	3	1	3	Ac,Cu	11.4	-0.2	26.6	33	0	22	0	69	0	302	257	176
S. Sudan	WÂU											03	—	30	1	2	7	—	10.0	-0.6	25.8	34	0	22	+1	70	1	365	437	177
S. Sudan	JUBA											10	7	00	0	0	6	Cu	11.6	-0.7	26.0	36	+4	23	+2	84	0	539	452	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 11th (الرياح العليا يوم ١١)

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA 7 h. m.	CAIRO 8 h. m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.	KASSALA 5 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JUBA h. m.	SALUM 13 h. m.
02.36.10	02.00.00	02.02.05	02.04.15	02.36.20	02.28.05	05.04.25	03.06.20	06.04.65	06.17.30	06.21.20	07.16.15	06.17.10		02.04.15
05.36.10	05.35.05	05.01.10	05.35.15	05.34.15	05.02.10	10.07.25	06.06.40	10.05.55	10.18.80	10.24.25	10.27.05	10.17.10		05.01.20
10.35.15	10.34.15	10.32.20	10.32.25	08.33.20	10.30.10	15.05.25	10.06.45	15.05.25	15.17.30	15.22.10	15.06.30	15.07.10		07.33.15
15.34.15	ent. Cu.	15.28.35	15.30.25	10.32.15	15.31.20	20.03.30	15.06.35	20.29.05	20.09.35	20.09.10	20.44.65	20.09.20		10.28.15
20.00.00		20.28.45	20.29.45	15.30.25	20.26.30			25.25.15	25.06.60	30.01.30	25.04.60	30.05.25		15.28.25
25.32.25		23.27.60		20.28.45	30.26.40			30.25.25	30.05.65	40.04.30		40.05.35		20.30.15
30.33.25				23.26.50				40.23.25	40.05.35			47.06.10		25.29.30
								50.18.25	50.04.35					28.27.55
									60.05.30					
									70.05.45					

Forecast for 24 hours from noon on 11th
Light northerly winds becoming moderate northeasterly later.
Clear or occasional medium cloud.
Slightly warmer; temperature about normal.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر يوم ١١
رياح خفيفة شمالية تتحول الى شمالية شرقية معتدلة فيما بعد
السماء صحو او ظهور بعض السحاب المتوسط الارتفاع
وترتفع درجة الحرارة قليلا فتصل الى المعدل.

STATION	Mean of day Humidity % on 10th	Humidity Diff. from normal	Wet Bulb Temp °C on 10th	Wet Bulb Diff. from normal
Alexandria	73	+1	18.4	-1.5
Ezbekiya	46	-9	18.2	-2.9
Giza	56	+2	18.6	-1.5
Helwân	38	-2	16.2	-1.2

Giza Grass minimum on 11th 13.8 °C

Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
11-6	1528	1227
10-6	1459	1203

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	11-6	13.33	+0.15	13.35	+0.14
Nâsser	10-6	8.14	+0.50	8.10	+0.51
Malakâl	11-6	11.19	+0.48	11.18	+0.49
Roseires	11-6	13.84	+0.89	13.43	+0.52
Sennâr Res	10-6	6.44	—	6.10	—
J. Aulia U.S	10-6	371.83	—	371.77	—
J. Aulia D.S	10-6	371.29	+0.15	371.28	+0.15
Khartûm	10-6	10.66	0.00	10.66	+0.03
Kh. el Girba	10-6	10.02	-0.53	10.02	-0.48
Atbara	10-6	10.36	+0.15	10.38	+0.18
Kajnarti	10-6	132.39	+0.44	132.37	+0.46
Aswân Res.	11-6	115.41	—	115.66	—
Aswân D.S.	11-6	86.76	+0.54	86.70	+0.50
Rôda (Cairo)	11-6	15.91	+0.40	15.91	+0.41

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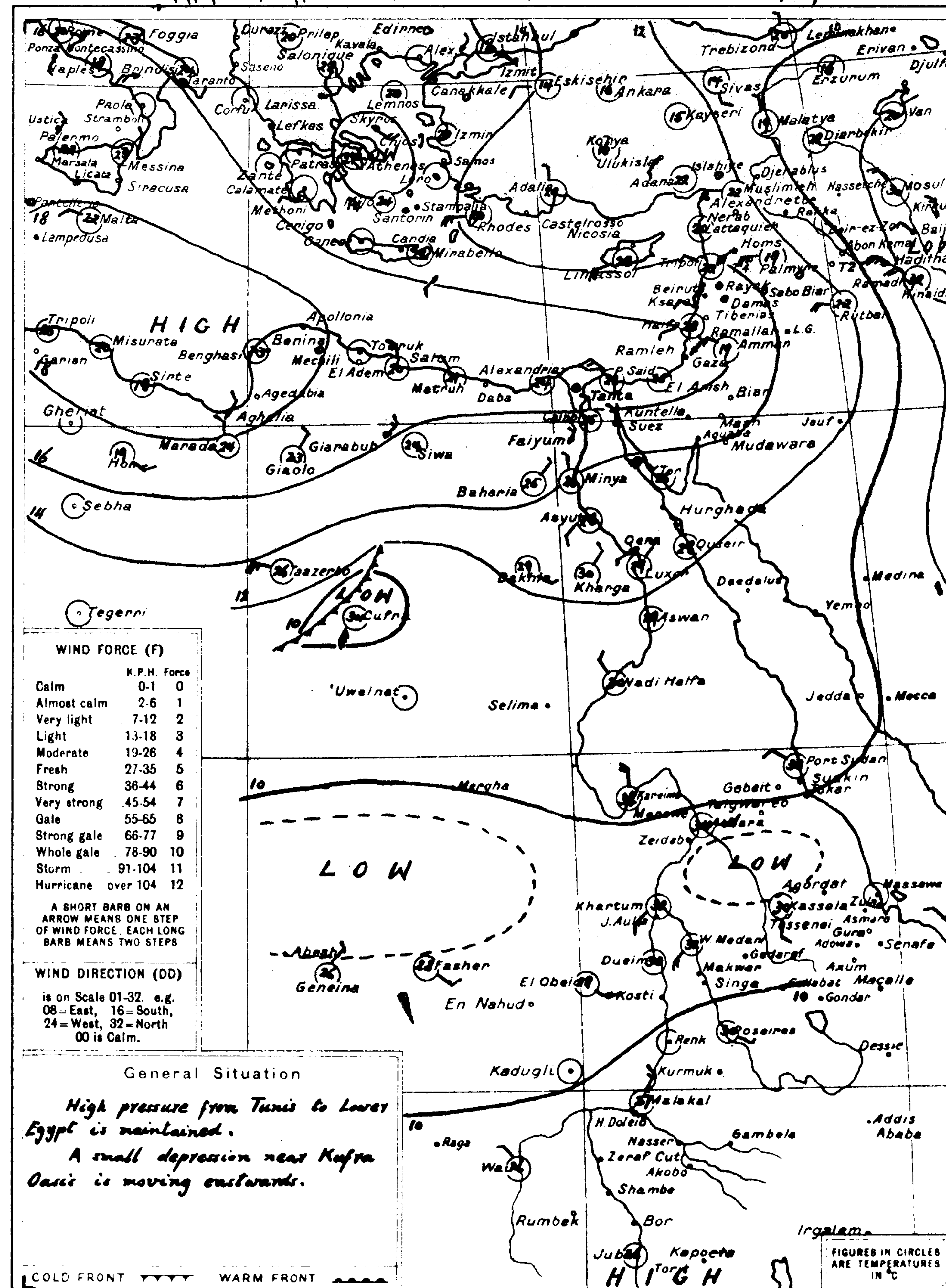
١٩٣٩-٦-١١ Isobars, Wind and Temperature at 8 h. 11-6-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

High pressure from Tunis to Lower Egypt is maintained.
A small depression near Kufra Oasis is moving eastwards.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 11th (الساعة ٨ يوم ١١)

STATION (محطة)	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	03	5	22	4	2	6	—	12.6	+2.9	22	—	—	—	—	—	0	610	460
Haifa	02	—	22	1	—	4	—	15.6	+6.5	23.2	27	-2	17	-2	56	0	559	646
SHIPS (سفن)																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 04 h 53 m
" " Sunset 18 h 57 m

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 11-6 — الساعة ١٤ يوم ٦/١١ ; At 8 h. on MONDAY 12th — الساعة ٨ يوم الاثنين ١٢

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	01	8	02	4	0	3	Cu	16.2	24.0	86	00	8	00	0	0	0	—	16.3	+3.0	22.0	22	—	14	—	66	0	82	—	130
MATRUH	01	8	30	3	1	1	Cu	15.8	22.7	88	02	7	26	3	2	5	Cu	16.0	+3.2	21.3	23	-4	16	-2	92	0	122	160	131
DIKHEILA	01	8	32	2	0	1	Cu	15.9	22.8	82	01	8	02	2	1	4	Cu	16.3	—	22.0	24	—	20	—	82	0	94	—	150
ALEXANDRIA	00	9	02	3	0	0	—	15.8	24.0	60	02	9	04	1	2	4	Ac	15.6	+3.1	23.8	26	-2	20	0	64	0	166	185	132
DAMIETTA											01	8	04	2	1	4	Cu	15.1	—	24.0	26	—	18	—	67	0	70	107	159
PORT SAID	00	8	04	2	1	0	—	15.2	25.6	59	02	8	04	4	1	4	Sc	15.2	+4.0	23.6	27	-2	20	-1	72	0	64	80	134
EL 'ARISH											00	7	00	0	0	0	—	15.4	—	25.0	27	—	15	—	64	0	130	93	135
DAMANHUR											01	8	04	3	1	4	Cu	15.5	+3.3	23.4	29	-4	17	-1	67	0	29	103	136
MANSURA											01	8	02	2	1	3	Sc	15.5	—	23.5	31	-3	16	-2	67	0	46	55	137
TANTA	00	8	00	0	0	0	—	14.7	30.0	36	01	8	00	0	0	2	Cu	15.5	+3.0	23.8	31	-4	16	-2	64	0	41	43	138
ZAGAZIG	00	8	30	2	0	0	—	14.4	30.4	34	02	8	04	1	1	4	Ac	15.5	—	23.9	30	-4	16	-2	67	0	31	29	139
CAIRO ALMAZA	01	8	28	2	0	1	Ac	13.9	31.3	45	00	8	04	4	0	0	—	14.8	—	23.2	32	—	20	—	70	0	18	—	141
CAIRO EZBEKIYA	00	9	32	1	0	0	—	13.9	31.2	31	00	7	04	3	0	0	—	14.2	+2.4	24.0	32	-3	18	-1	60	0	23	27	—
CAIRO GIZA	01	9	30	1	0	1	Ac	13.2	30.6	36	00	7	30	1	0	0	—	14.3	+2.0	22.9	32	-3	18	+1	70	0	23	27	—
HELWAN	00	8	26	2	0	0	—	13.1	30.4	19	00	8	04	5	0	0	—	13.8	+1.7	23.9	32	-2	19	-1	48	0	26	29	143
SUEZ	00	9	32	3	0	0	—	13.0	30.0	28	00	9	30	2	0	0	—	14.0	+2.7	24.5	31	-4	19	-2	54	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	13.0	33.0	24	00	8	02	3	0	0	—	13.9	+1.7	24.7	33	-3	19	-1	47	0	7	8	153
MINYA	00	7	30	3	1	0	—	12.0	34.5	22	00	6	32	3	0	0	—	11.8	+0.9	25.0	35	-1	21	+1	50	0	4	—	154
ASYUT	00	8	28	2	0	0	—	10.8	36.8	20	00	8	30	3	0	0	—	10.4	-0.4	29.5	40	+3	25	+4	32	0	2	4	155
QENA	00	8	16	1	0	0	—	10.3	38.0	30	00	8	06	2	0	0	—	9.5	+0.7	30.2	39	-1	25	+2	37	0	dr	—	156
LUXOR	00	8	28	1	0	0	—	11.5	39.5	27	00	8	18	1	0	0	—	9.6	—	32.5	41	—	22	—	41	0	dr	—	157
ASWAN	00	7	32	2	0	0	—	8.2	40.2	30	00	7	00	0	0	0	—	9.0	-0.2	32.5	42	+1	27	+2	17	0	1	—	158
SIWA	00	8	26	1	0	0	—	14.2	33.1	30																	7	8	148
BAHARIYA	00	9	00	0	0	0	—	12.8	34.0	27	00	9	32	1	0	0	—	14.2	—	24.0	36	—	20	—	53	0	1	—	149
KHARGA	00	8	04	1	0	0	—	8.6	39.4	23	00	8	04	3	0	0	—	9.5	-0.1	30.8	41	+1	27	+4	30	0	dr	Tr	151
DAKHLA	01	7	12	3	1	4	Ci	8.8	41.0	46	00	6	02	3	0	0	—	10.7	-0.2	30.0	42	+2	25	+3	53	0	dr	—	152
TOR	00	6	28	5	0	0	—	11.6	28.5	77	00	6	28	4	0	0	—	10.3	+1.8	25.9	29	-4	22	-1	85	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	11.5	33.7	32	00	9	30	3	0	0	—	11.0	+1.9	27.7	34	0	22	-1	53	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	13.3	30.6	58	00	6	32	3	0	0	—	11.8	+3.2	27.1	31	-2	25	-1	62	0	tr	6	147
PORT SUDAN																												109	169
WADI HALFA											00	8	14	3	0	0	—	7.7	-1.2	34.3	44	+3	27	+4	27	—	—	—	165
KAREIMA																												4	166
ATBARA											00	—	02	3	0	0	—	7.0	+0.2	34.8	43	0	25	-1	8	0	6	9	167
KHARTUM											05	7	22	1	0	4	Ac	7.4	-0.9	32.7	44	+3	27	+1	34	0	15	11	168
KASSALA											01	8	10	3	0	2	Ac	6.2	-3.0	28.8	41	+2	27	+2	34	0	40	36	170
WAD MEDANI																												41	171
DUEIM											00	—	—	3	0	0	—	7.0	-2.3	32.4	42	+2	27	+3	45	2	66	32	173
RENK																			—		—	—	—	—				—	182
ROSEIRES																												154	172
EL OBEID											03	8	20	3	0	7	Ac	6.9	-3.2	31.5	41	+3	29	+7	51	0	34	46	174
EL FASHER											01	8	28	2	0	4	Cs	—	—	25.5	40	+1	20	-2	30	0	17	22	175
GENEINA											02	8	24	3	1	5	Ac	—	—	24.8	40	—	21	—	54	0	54	—	179
KADUGLI																												—	187
MALAKAL											03	8	16	3	2	7	Ac As	9.9	-1.7	26.1	35	+2	23	+1	73	0	302	262	176
WAU											02	—	14	1	1	4	—	11.9	+1.3	28.7	33	-1	22	+1	78	1	366	442	177
JUBA											10	8	20	3	0	5	Cu Sc	11.3	-1.1	24.6	34	+2	21	0	76	0	539	457	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

الرياح العليا ١٢/٦

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	SALUM 11th
7 h	7 h	7 h	8 h	8 h 30 m	7 h	7 h	3 h	h m	7 h	7 h	7 h	7 h	h m	13 h
02.00.00	02.34.20	02.03.10	02.05.25	02.02.10	02.35.15	05.12.20	03.10.25		06.04.35	06.07.05	07.25.25	06.21.35		02.04.20
05.36.05	05.35.10	04.03.10	05.05.30	05.04.25	05.02.30	10.10.15	06.10.20		10.05.55	10.07.05	10.25.30	10.21.30		05.02.15
10.05.05	10.03.20	06.01.15	10.03.35	08.03.35	10.05.30	15.08.10	10.08.30		15.04.45	15.11.20	15.25.20	15.18.20		10.36.15
15.01.10	15.02.30	cnt. Cu	15.34.10	10.03.25	15.09.15	20.13.05	15.07.25		20.04.30	20.07.30	20.01.15	20.18.05		15.01.35
20.03.15	19.01.40		20.27.35	15.36.10	17.16.15		20.06.05		25.03.25	30.04.15	24.02.20	30.06.25		20.34.10
25.01.20			23.26.55	20.27.45	20.18.30		30.34.20		30.06.25	40.27.20		40.06.60		25.31.15
30.02.15			tail	23.27.50			40.31.15		40.09.25			50.08.40		30.29.15
35.34.20				25.26.55					50.11.30					35.29.15
40.32.20									60.07.30					40.30.30
45.30.35									70.05.35					

Forecast for 24 hours from noon on 12th

Moderate north to northeast winds, fresh at times.
Clear or occasional low cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٢

رياح معتدلة شمالية الى شمالية شرقية تشتد احيانا.
السماء صحو أو يظهر بها بعض السحاب المنخفض
ولا تتغير درجة الحرارة الا قليلا.

STATION	Mean of day humidity on 11th	Diff. from normal	Mean of day wet bulb temp. on 11th	Diff. from normal
Alexandria	68	-4	19.0	-1.0
Ezbekiya	52	-3	19.2	-1.9
Giza	60	+6	19.8	-0.4
Helwan	30	-11	16.3	-1.1

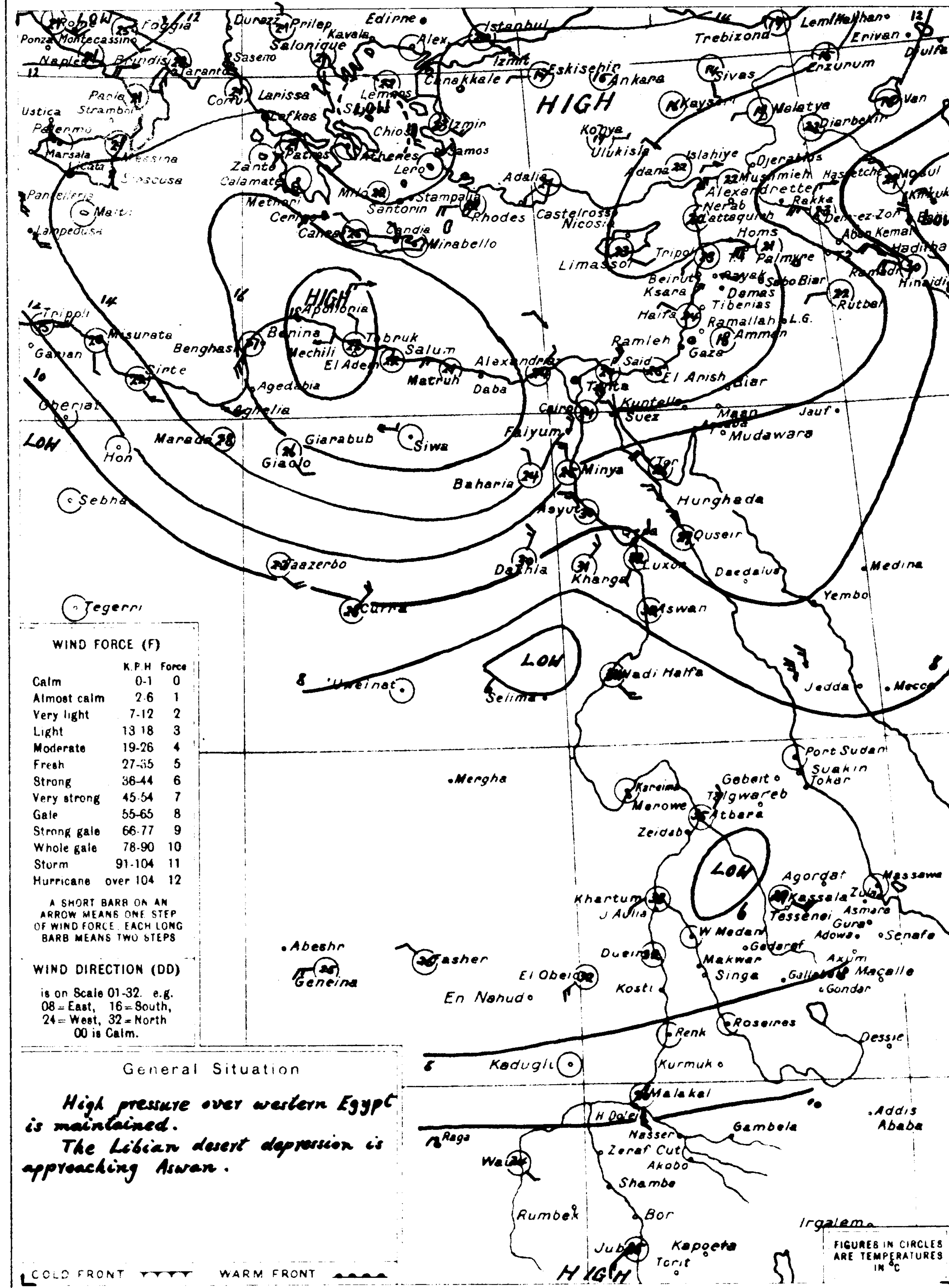
Giza grass minimum on 12th 16.5 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
12-6	1528	1250
11-6	1528	1227

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	11.6	13.33	-0.15	13.35	-0.14
Nasser	11.6	8.20	+0.50	8.14	+0.50
Malakal	12.6	11.20	+0.48	11.19	+0.48
Roseires	12.6	13.43	+0.43	13.84	+0.89
Sennar Res	11.6	6.72	—	6.44	—
J. Aulia U S	11.6	371.88	—	371.83	—
J. Aulia D S	11.6	371.27	+0.12	371.29	+0.15
Khartum	11.6	10.64	-0.05	10.66	0.00
Kh. el Girba	11.6	10.02	-0.60	10.02	-0.53
Atbara	11.6	10.35	+0.13	10.36	+0.15
Kajnarti	11.6	132.37	+0.38	132.39	+0.44
Aswan Res.	12.6	115.20	—	115.41	—
Aswan D S	12.6	86.80	+0.56	86.76	+0.54
Roda (Cairo)	12.6	15.91	+0.40	15.91	+0.40

Isobars, Wind and Temperature at 8 h. 12 - 6 - 1939 — ١٢-٦-١٩٣٩



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

High pressure over western Egypt is maintained.
The Libian desert depression is approaching Aswan.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1 : 15 000 000

At 8 h. on 12th — الساعة ٨ يوم ١٢

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	7	10	2	0	1	—	13.9	+3.3	23	—	—	—	—	—	0	610	460
Haifa	01	—	26	1	—	3	—	15.1	+6.1	20.4	26	-3	19	0	55	0	559	646
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

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CAIRO
Time of Sunrise 04 33
" " Sunset 18 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 12-6 الساعة ١٤ يوم ١٢/٦ — At 8 h. on TUESDAY 13th الساعة ٨ يوم الثلاثاء ١٣

STATION	14h Present weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. press. M.S.L. 1000+ mbs (PPP)	14h °C Temp. (TTT)	14h % Humidity (UU)	8h Present weather (ww)	8h Visibility (V)	8h Wind Dir. (DD)	8h Wind Force (F)	8h Past weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	8h Bar. M.S.L. 1000+ mbs (PPP)	8h Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Max. Diff. from norm. °C	Min. Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
SALUM	01	9	04	4	0	1	Cu	15.6	22.4	72	00	9	14	2	0	0	—	13.3	+0.1	25.6	23	—	18	—	44	0	82	—	130
MATRUH	01	7	30	3	0	1	Cu	15.1	23.1	92	00	7	06	1	0	0	—	13.6	+0.8	23.4	23	-4	15	-3	69	0	122	160	131
DIKHEILA	01	8	32	3	0	2	Cu	15.8	22.9	85	01	8	32	2	0	1	Sc	14.8	—	22.5	24	—	20	—	87	0	94	—	150
ALEXANDRIA	00	9	04	3	0	0	—	15.1	24.2	63	01	9	04	1	2	3	Ac	14.2	+1.8	24.0	26	-2	20	0	74	0	166	185	132
DAMIETTA											01	8	02	2	1	3	Ac	13.8	—	23.5	26	—	20	—	73	0	70	107	159
PORT SAID	01	8	04	3	1	3	Cc	14.7	27.0	63	01	8	04	3	0	3	Cs	14.0	+2.9	23.6	27	-2	21	0	72	0	64	80	134
EL 'ARISH	00	7	32	4	0	0	—	13.9	24.8	69	01	7	00	0	1	2	Cu	13.4	—	25.0	25	—	17	—	70	0	130	93	135
DAMANHUR											01	8	32	3	1	3	Cu	14.4	+2.3	24.6	29	-4	18	0	70	0	29	103	136
MANSURA											01	8	02	1	1	3	Sc	14.2	—	24.8	30	-4	18	-1	64	0	46	55	137
TANTA	01	8	02	1	0	2	Cu	14.2	29.0	34	01	8	04	1	0	3	Cu	14.2	+1.7	24.2	30	-5	15	-3	66	0	41	43	138
ZAGAZIG	01	9	30	2	1	2	Cs	13.9	29.9	43	02	9	04	2	1	4	Ac	13.6	—	24.9	30	-4	17	-1	66	0	31	29	139
ALMAZA	01	8	02	3	0	1	Cu	13.4	30.6	28	05	6	02	3	4	4	Cu	13.8	—	23.0	31	—	15	—	64	0	18	—	141
EZBEKIYA	00	9	02	3	0	0	—	12.3	31.4	32	01	6	04	2	1	3	Cu	13.1	+1.4	24.0	33	-2	18	-1	63	0	23	27	—
GIZA	00	8	00	0	0	0	—	12.4	30.1	41	01	7	32	3	1	3	Cu	13.1	+0.8	22.6	32	-3	17	0	75	0	23	27	—
HELWAN	00	8	02	4	0	0	—	11.4	31.0	22	01	8	02	4	0	1	Cu	12.6	+0.6	22.8	32	-2	18	-2	58	0	.26	29	143
SUEZ	00	9	32	3	0	0	—	12.2	30.1	38	01	9	30	3	0	1	Cu	13.1	+1.8	22.3	32	-3	18	-3	74	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	11.4	32.0	26	00	8	32	4	0	0	—	13.0	+0.9	23.0	33	-3	18	-2	68	0	7	8	153
MINYA	00	7	28	4	0	0	—	9.9	33.3	26	00	7	32	3	0	0	—	11.5	+0.7	22.6	34	-2	17	-3	66	0	4	—	154
ASYUT	00	8	28	3	0	0	—	8.0	37.8	16	00	8	30	3	0	0	—	11.4	+0.6	23.5	39	+2	19	-2	52	0	2	4	155
QENA	00	8	24	2	0	0	—	7.0	41.0	24	00	8	22	4	0	0	—	8.3	-0.5	28.2	43	+3	25	+2	44	0	dr	—	156
LUXOR	00	8	20	1	0	0	—	6.4	42.2	—	00	8	22	3	0	0	—	8.4	—	30.5	45	—	22	—	36	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	4.8	45.3	13	01	7	00	0	1	2	Cu	7.5	-1.6	29.5	46	+5	28	+3	30	0	1	—	158
SIWA	00	8	00	0	1	0	.	14.2	32.8	34	00	8	00	0	0	0	—	14.3	+2.0	25.9	34	-2	18	-1	56	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	11.6	33.0	21	00	9	00	0	0	0	—	13.3	—	22.0	33	—	17	—	66	0	1	—	149
KHARGA	00	8	04	2	0	0	—	6.7	40.3	18	00	8	32	3	0	0	—	8.8	-0.8	27.1	42	+2	24	+1	43	0	dr	tr	151
DAKHLA	00	7	02	4	0	0	—	8.6	37.4	33	00	6	24	1	0	0	—	11.8	—	28.0	38	-2	23	+1	48	0	dr	—	152
TOR	01	6	28	5	0	1	Cu	8.0	30.0	62	00	6	28	6	0	0	—	7.9	-0.5	25.0	31	-2	23	0	84	0	29	13	145
HURGHADA	01	9	02	2	0	3	Cu	9.1	31.3	58	00	9	30	4	0	0	—	8.6	-0.4	26.8	32	-2	25	+2	59	0	1	—	146
QUSEIR	00	6	04	3	0	0	—	10.6	29.0	69	00	7	32	3	0	0	—	9.6	+1.1	27.0	31	-2	25	-1	73	0	tr	6	147
PORT SUDAN											02	—	24	1	0	4	—	6.4	-0.3	36.0	37	-1	32	+7	30	0	81	109	169
WADI HALFA											01	8	02	4	0	4	Ac	8.7	-0.2	32.0	46	+5	28	+5	28	—	—	—	165
KAREIMA											01	8	28	4	0	3	Cs	6.4	-1.7	35.4	45	+2	29	+3	68	0	3	4	166
ATBARA											00	—	10	2	0	0	—	5.9	-0.9	36.8	44	+1	27	+1	15	0	6	9	167
KHARTUM											18	6	24	5	1	8	Cs	6.2	-2.1	31.8	46	+5	28	+2	38	0	15	11	168
KASSALA											02	8	12	3	1	5	Ci	7.0	-2.3	30.3	43	+4	27	+2	47	0	40	37	170
WAD MEDANI											02	—	18	5	0	4	—	7.5	-1.2	31.5	43	+3	26	+2	35	0	44	43	171
DUEIM											03	—	—	3	2	7	—	7.4	-1.9	29.2	43	+3	27	+3	48	0	66	33	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	8.4	-2.5	28.7	38	+3	22	0	59	2	118	157	172
EL OBEID											03	8	18	3	0	8	AcCu	8.3	-1.9	26.6	40	+2	23	+1	76	dr	34	47	174
EL FASHER											03	8	12	2	1	7	AcCu	—	—	27.0	41	+2	25	+3	63	0	17	23	175
GENEINA											01	8	24	2	1	3	Ac	—	—	25.4	37	—	21	—	54	c	54	—	179
KADUGLI																												—	187
MALAKAL											03	8	16	3	2	8	AcAs	12.4	+0.8	22.5	33	0	21	-1	88	2	304	267	176
WAU																												448	177
JUBA											81	6	00	0	6	7	Cu,Sc	14.1	+1.7	20.9	33	+1	19	-2	100	8	547	462	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h. m	MATRUH 7 h. m	DIKHEILA 7 h. m	CAIRO 8 h. m	HELWAN 8 h. 30 m	ASYUT 7 h. m	ASWAN 7 h. m	WADI HALFA 7 h. m	KAREIMA 7 h. m	KHARTUM 7 h. m	KASSALA 5 h. m	EL OBEID 7 h. m	MALAKAL 7 h. m	JUBA h. m	SALUM 12th 13 h. m
02.18.10	02.00.00	02.02.10	02.05.10	02.05.50	02.31.20	02.02.05	03.02.20	06.03.35	06.23.55	06.19.30	07.22.35	06.18.20		02.04.16
05.14.30	05.00.00	05.04.25	05.05.30	05.04.50	05.34.20	05.35.30	06.04.25	10.04.35	10.23.90	10.19.25	10.22.35	10.24.20		05.07.05
10.08.20	10.03.05	10.03.25	10.04.40	08.04.50	10.33.25	10.36.10	10.02.25	15.03.45	15.25.80	15.22.15	15.25.35	15.20.35		10.36.15
15.02.15	15.36.15	15.02.20	15.03.25	10.03.20	15.33.10	15.19.05	15.33.20	20.03.40	20.26.45	20.32.10	20.33.25	20.19.15		15.36.10
20.30.15	19.35.10	20.01.20	20.33.05	15.03.60	20.27.10	20.28.10	20.30.25	25.03.35	25.27.40	30.36.10	29.03.35	30.07.30		20.31.10
25.31.15		25.36.20	25.35.15	20.03.40			30.26.25	30.02.25	30.23.25			40.05.45		25.28.05
30.01.15			30.36.10				40.26.20	40.26.25	35.23.50			50.07.40		30.24.10
35.31.25							50.29.20	50.05.10				51.07.45		35.22.15
40.32.30							60.29.40	60.06.10						40.30.25
							65.29.40	65.06.10						45.29.30

Forecast for 24 hours from noon on 13th

On the coast moderate northeast winds, veering to southeast and freshening.
Inland moderate to fresh northeast winds, veering tomorrow to east or southeast.
Clear at first, some high cloud later.
Warmer tomorrow. Further outlook: Warmer, with Khamsin conditions.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٣
رياح معتدلة شمالية شرقية على الساحل تتحول الى الجنوب
الشرقي وتشتد ورياح معتدلة الى شديدة نوعا
شمالية شرقية تتحول غدا الى شرقية او جنوبية شرقية في الداخل
السماء صحو اولا ثم تظهر بعض السحب العالية
وتزداد حرارة الجو غدا ثم تستمر حارا مع ظهور حالات الخماسين

STATION	Mean of day: Humidity % on 12th	Diff. from normal	Wet bulb temp. °C on 12th	Diff. from normal
Alexandria	72	0	19.2	+0.9
Ezbakiya	53	-2	19.5	-1.7
Giza	58	+4	20.0	-0.2
Helwan	43	+2	17.6	+0.1

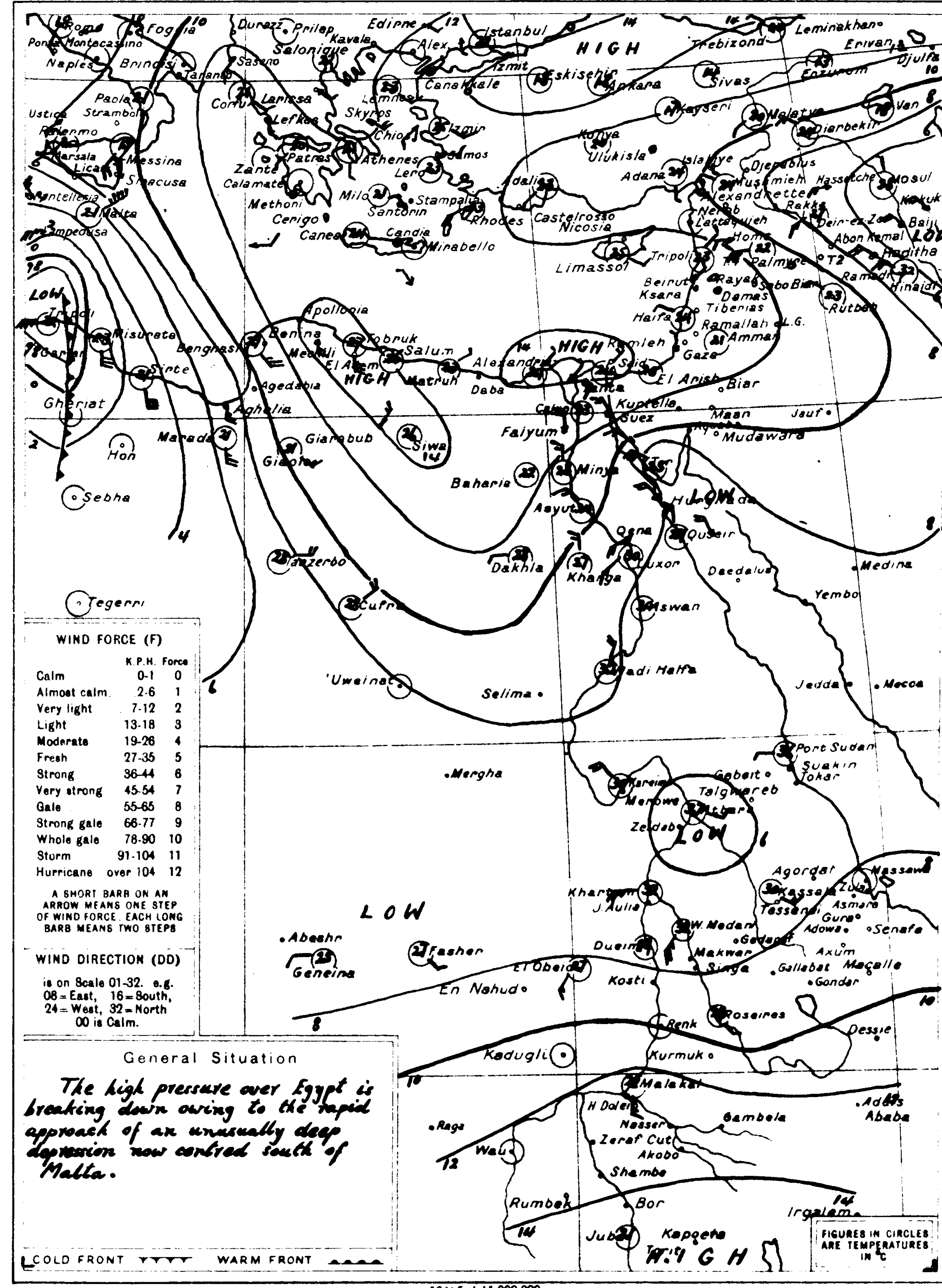
Giza Grass minimum on 13th 15.0°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
12.6	1528	1250
12-6	1528	1250

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	12-6	13.33	-0.15	13.33	-0.15
Nasser	12-6	8.26	+0.50	8.20	+0.50
Malakal	13-6	11.24	+0.50	11.20	+0.48
Roseires	13-6	13.24	+0.22	13.43	+0.43
Sennar Res	12-6	6.80	—	6.72	—
J. Aulia U.S	13-6	371.77	—	371.87	—
J. Aulia D.S	13-6	371.32	+0.13	371.32	+0.15
Khartum	13-6	10.68	-0.07	10.66	-0.06
Kh. el Girba	12-6	10.01	-0.68	10.02	-0.60
Atbara	13-6	10.34	+0.09	10.34	+0.11
Kajnarti	12-6	132.39	+0.36	132.37	+0.38
Aswan Res.	13-6	114.78	—	115.20	—
Aswan D.S.	13-6	86.80	+0.55	86.80	+0.56
Roda (Cairo)	13-6	15.91	+0.39	15.91	+0.40

١٩٣٩-٦-١٣ Isobars, Wind and Temperature at 8 h. 13-6-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The high pressure over Egypt is breaking down owing to the rapid approach of an unusually deep depression now centred south of Malta.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 13th الساعة ٨ يوم ١٣

STATION محطة	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Diff. from norm °C	Min. Today °C (mm)	Diff. from norm °C	% Humidity (UU)	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	2	0	0	—	12.2	+1.6	25	—	—	—	—	—	0	610	410
Haifa	01	—	26	1	—	3	—	13.4	+4.5	24.4	26	-3	21	+1	63	0	559	646
Siwa 12th	00	8	00	0	0	0	—	15.8	+3.5	25.0	35	-1	19	0	83	0	7	8

SHIPS سفن

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo nimbus	Cb

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h 04 m 53
" " Sunset h 18 m 57

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 13th — الساعة ١٤ يوم ١٣ | At 8 h. on WEDNESDAY 14th — الساعة ٨ يوم الاربعاء ١٤

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm.	Min. Today °C mm	Min. Diff. from norm.	Humidity % UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	9	04	3	0	0	—	13.0	26.8	54	12	6	16	6	1	3	Cc	8.2	-5.0	26.6	30	—	19	—	26	0	82	—	130
MATRUH	00	7	06	3	0	0	—	13.1	24.7	68	01	7	12	4	0	3	As	10.2	-2.5	23.8	25	-2	17	-2	48	0	122	160	131
DIKHEILA	01	8	32	3	0	1	Cu	14.4	23.6	90	01	8	12	1	0	1	St	12.8	—	24.0	24	—	18	—	78	0	94	—	150
ALEXANDRIA	00	9	04	3	0	0	—	13.4	25.1	71	00	9	12	1	0	0	—	12.0	-0.4	23.5	26	-2	20	0	75	0	166	185	132
DAMIETTA											00	8	02	1	0	0	—	12.2	—	25.2	26	—	19	—	69	0	70	107	159
PORT SAID	00	8	04	3	1	0	—	13.0	26.5	67	00	8	04	1	0	0	—	12.4	+1.4	24.2	28	-1	21	0	80	0	64	80	134
EL ARISH	00	7	32	3	0	0	—	11.9	24.9	74	00	7	00	0	0	0	—	12.0	—	26.6	26	—	17	—	69	0	130	93	135
DAMANHUR											00	7	06	2	0	0	—	12.2	+0.2	26.0	31	-2	18	0	65	0	29	103	136
MANSURA											00	8	32	2	0	0	—	12.3	—	24.2	32	-2	16	-3	70	0	46	55	137
TANTA	00	8	08	2	0	0	—	12.0	31.5	37	00	8	00	0	0	0	—	12.6	+0.2	24.8	32	-3	15	-3	68	0	41	43	138
ZAGAZIG	01	9	30	2	1	2	Cs	12.4	31.8	33	01	9	04	2	1	2	Ci	12.0	—	26.8	32	-2	17	-1	67	0	31	29	139
CAIRO ALMAZA	00	8	02	5	0	0	—	11.5	31.8	30	01	7	06	3	0	2	St	12.4	—	24.8	32	—	18	—	56	0	18	—	141
CAIRO EZBEKIYA	00	9	04	3	0	0	—	10.6	31.5	32	00	7	02	2	0	0	—	11.6	-0.1	25.4	33	-2	19	0	62	0	23	27	—
CAIRO GIZA	00	9	32	3	1	0	—	10.3	32.0	36	00	7	32	1	0	0	—	11.6	-0.6	24.5	32	-3	17	0	68	0	23	27	—
HELWAN	00	9	04	5	0	0	—	10.0	31.0	21	00	7	04	3	0	0	—	11.5	-0.5	25.6	33	-1	19	-1	41	0	26	29	143
SUEZ	00	9	30	3	0	0	—	10.2	30.4	43	00	9	30	1	0	0	—	11.8	+0.6	24.2	32	-3	19	-2	66	0	27	18	144
FAIYUM	00	8	32	5	0	0	—	10.0	31.7	26	00	8	02	3	0	0	—	11.2	-0.8	24.6	34	-2	18	-2	57	0	7	8	153
MINYA	00	8	28	4	0	0	—	9.3	32.3	24	00	8	30	2	0	0	—	10.0	-0.7	23.8	33	-3	18	-2	63	0	4	—	154
ASYUT	00	8	28	3	0	0	—	8.2	34.2	16	00	7	26	3	0	0	—	10.0	-0.7	24.5	36	-1	19	-2	50	0	2	4	155
QENA	00	8	26	5	0	0	—	6.0	37.9	28	00	8	26	2	0	0	—	8.4	-0.3	27.8	39	-1	22	-1	42	0	tr	—	156
LUXOR	00	8	26	1	0	0	—	6.7	39.4	21	00	8	14	1	0	0	—	8.3	—	31.2	40	—	19	—	31	0	tr	—	157
ASWAN	00	7	24	1	0	0	—	3.9	42.0	15	00	7	00	0	0	0	—	8.3	-0.7	28.4	43	+2	23	-2	26	0	1	—	158
SIWA	00	8	00	0	0	0	—	12.3	34.7	48	00	8	00	0	0	0	—	11.1	-1.1	26.0	36	0	18	-1	55	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	10.2	33.0	25	00	9	00	0	0	0	—	11.4	—	25.6	34	—	20	—	58	0	1	—	149
KHARGA	00	8	04	3	0	0	—	7.6	35.4	31	00	8	32	2	0	0	—	9.9	+0.4	28.4	36	-4	21	-2	43	0	tr	tr	151
DAKHLA	00	7	30	3	0	0	—	9.8	34.4	43	00	6	10	1	0	0	—	11.0	+0.2	27.0	35	-5	19	-4	35	0	tr	—	152
TOR	00	6	28	5	0	0	—	5.9	28.9	71	00	6	28	4	0	0	—	7.9	-0.4	25.6	31	-2	23	0	80	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	7.0	31.2	54	00	9	30	5	0	0	—	8.2	-0.7	27.2	31	-3	20	-3	51	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	7.5	29.3	44	00	7	32	3	0	0	—	7.4	-1.0	28.9	31	-2	24	-2	64	0	tr	6	147
PORT SUDAN											00	—	02	1	0	0	—	8.7	-2.1	33.7	42	+3	—	—	53	0	81	109	169
WADI HALFA											00	8	32	3	0	0	—	8.7	-0.1	27.5	43	+2	21	-2	26	—	—	—	165
KAREIMA											05	7	06	2	0	2	Ci	9.5	+1.4	35.0	45	+2	27	+1	19	0	3	4	166
ATBARA											30	—	20	7	3	—	—	8.4	+1.6	32.0	44	+1	29	+3	30	0	6	9	167
KHARTOUM											18	4	18	5	1	3	Ci	10.0	+1.7	30.6	45	+4	28	+2	27	0	15	11	168
KASSALA											01	8	14	4	0	3	Ac	9.4	+0.1	27.4	41	+2	23	-2	56	0	40	38	170
WAD MEDANI											02	—	20	6	0	4	—	10.0	+1.2	30.6	40	0	25	+1	47	0	44	44	171
DUEIM											00	—	—	3	0	0	—	10.8	+1.4	29.2	38	-2	26	+2	57	0	66	34	173
RENK																												—	182
ROSEIRES											00	—	18	1	0	0	—	13.0	+2.0	26.4	35	0	23	+1	66	tr	48	161	172
EL OBEID											03	8	18	3	0	8	Cs	11.3	+1.1	26.8	38	0	24	+2	69	0	34	48	174
EL FASHER											01	8	14	2	0	3	Ac	—	—	26.5	40	+1	25	+3	49	tr	17	23	175
GENEINA											01	8	24	2	1	3	Ac	—	—	25.7	41	—	22	—	69	0	54	—	179
KADUGLI																												—	187
MALAKAL											01	8	12	3	1	3	Ac	12.3	+0.6	25.5	30	-3	20	-2	74	tr	304	272	176
WAU																												453	177
JUBA											02	8	00	0	0	6	St	14.4	+2.0	23.2	29	-3	20	0	91	2	549	467	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS 14th

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 7h	KHARTOUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	SALUM 13th 13h
02.18.40	02.13.35	01.11.10	02.05.10	02.05.40	02.32.20	02.36.05	03.03.20	06.07.35	06.18.55	06.19.40	07.19.30	06.16.35		02.09.10
05.17.45	05.14.20	02.07.15	05.05.35	05.06.25	05.07.20	05.35.30	06.03.35	10.05.30	10.20.85	10.20.45	10.20.45	10.16.40		05.10.15
10.14.35	07.19.06	06.08.15	10.07.30	08.04.25	10.33.25	10.01.20	10.35.30	15.35.25	15.21.80	15.21.35	15.23.45	15.17.30		10.12.15
15.18.15	09.14.05	10.05.15	15.04.20	10.05.35	15.35.20	15.32.15	15.36.20	20.32.30	20.22.60	20.26.40	20.33.35	20.15.20		15.12.10
20.16.10	10.04.05	15.05.15	20.03.10	15.04.20		20.30.25	20.35.40	25.31.25	25.22.85	30.01.15	30.34.10	30.33.15		16.07.05
22.21.10	15.35.15	20.04.20	25.01.10	20.34.20		25.31.20	30.38.15	30.34.15			36.35.10	40.04.25		17.02.05
25.28.15		25.25.30	30.36.15	23.36.10			40.31.20	40.27.15				50.35.40		20.00.00
30.28.20		28.34.30		25.36.10			50.29.20	50.33.25				53.35.25		25.27.05
35.26.40				30.00.00			60.36.45	60.36.45						30.30.10
38.25.40				40.35.30			70.36.55	70.35.40						35.32.20

Forecast for 24 hours from noon on 14th

On the coast moderate to fresh southeast winds, veering to west tomorrow in the western desert.
Inland moderate northeast to east winds, fresh at times. Clear at first; occasional high cloud later. Somewhat warmer tomorrow; temperature becoming above normal.

في السواحل رياح جنوبية شرقية بين المعتدلة والشديدة ١٤ تزداد نوعاً
ثم تتحول الى غربية باكر في الصحراء الغربية. وفي الداخل
رياح معتدلة بين شمالية شرقية وشرقية تشتد نوعاً احياناً.
السماء صحو اولاً ثم يظهر بعض السحاب العالي احياناً.
ترتفع درجة الحرارة قليلاً باكر ويتوقع معدلها.

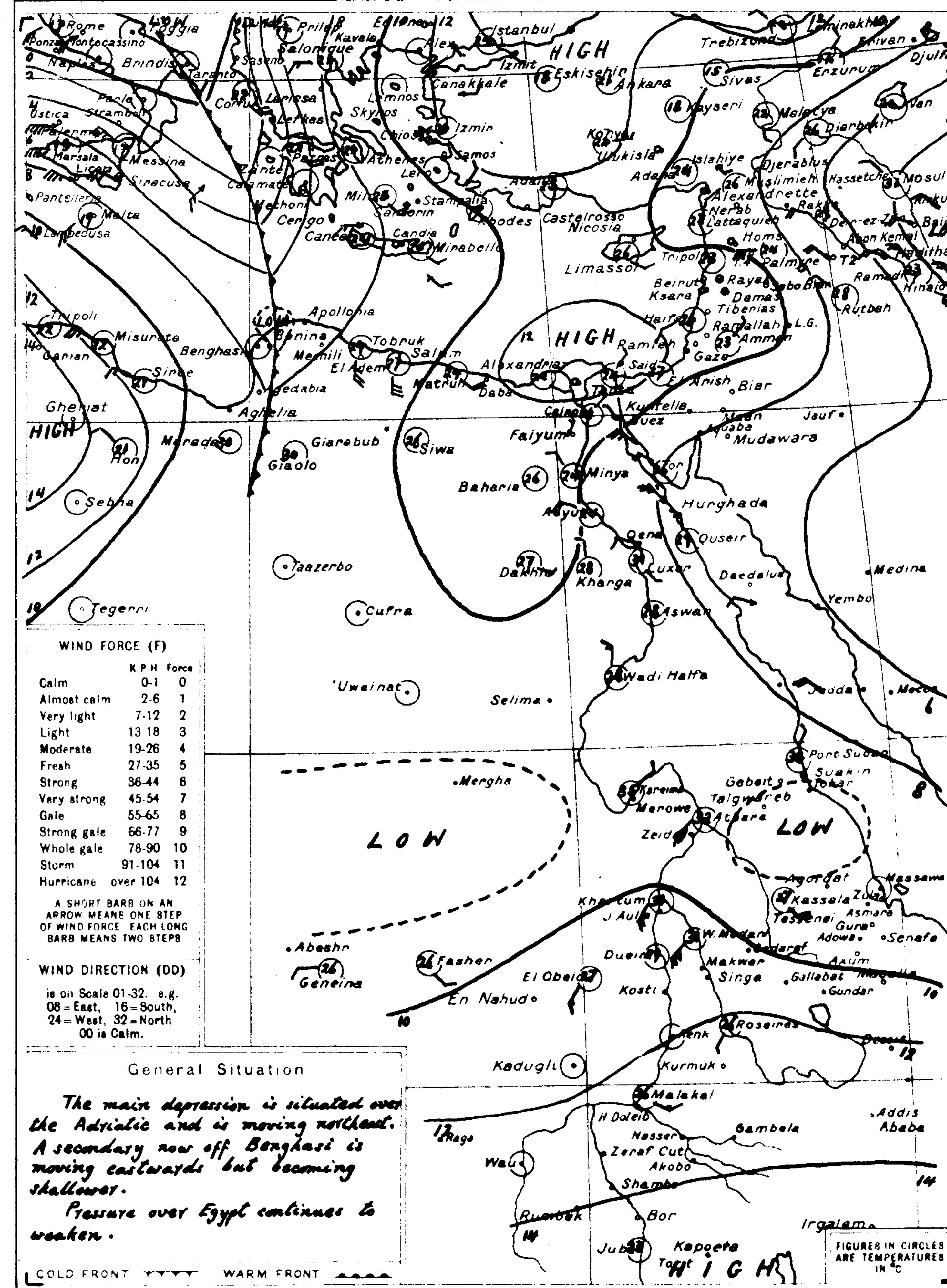
Station	Mean of day Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	76	+4	20.9	+0.8
Ezbekiya	50	-5	19.4	-1.8
Giza	57	+5	20.5	+0.2
Helwan	44	+3	17.8	+0.2
Giza Grass ...			14.6	

Discharge at Aswan measured by sluices m.³ per sec

DATE	1939	1938
14-6	1528	1265
13-6	1528	1250

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	14-6	13.43	-0.05	13.45	-0.07
Nasser	13-6	8.33	+0.53	8.26	+0.50
Malakal	14-6	11.24	+0.48	11.24	+0.50
Roseires	14-6	13.24	+0.18	13.24	+0.22
Sennar Res.	13-6	6.80	—	6.80	—
J. Aulia U.S.	13-6	371.99	—	371.87	—
J. Aulia D.S.	13-6	371.32	+0.13	371.37	+0.15
Khartoum	13-6	10.68	-0.07	10.66	-0.06
Kh. el Girba	13-6	10.01	-0.76	10.01	-0.68
Atbara	13-6	10.34	+0.07	10.34	+0.11
Kajnarti	13-6	132.44	+0.36	132.37	+0.36
Aswan Res.	14-6	114.76	—	114.78	—
Aswan D.S.	14-6	86.30	+0.54	86.80	+0.55
Roda (Cairo)	14-6	15.93	+0.41	15.91	+0.39

Isobars, Wind and Temperature at 8 h. 14-6-1939 ١٤-٦-١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

WIND DIRECTION (DD)

is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The main depression is situated over the Adriatic and is moving northeast. A secondary now off Benghasi is moving eastwards but becoming shallower.
Pressure over Egypt continues to weaken.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 14th — الساعة ٨ يوم ١٤

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	10	2	9	0	—	10.2	-0.2	26	—	—	—	—	—	0	610	461
Haifa	00	—	22	2	—	0	—	11.2	+2.4	26.2	27	-2	20	0	56	0	559	646
SHIPS																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo nimbus	Cb

CAIRO

Time of Sunrise 04 h 52 m

" " Sunset 18 h 58 m

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	14h on 14-6: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h on THURSDAY 15th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	8	04	1	0	0	—	10.4	28.2	42	02	7	32	4	2	5	St	12.6	-0.5	20.3	31	—	19	—	85	0	82	—	130
MATRUH	00	7	06	4	0	0	—	11.2	26.7	60	00	7	30	1	0	0	—	11.5	-1.2	24.2	29	+2	17	-2	60	0	122	160	131
DIKHEILA	00	8	32	4	0	0	—	12.4	24.2	90	00	8	10	2	0	0	—	11.4	—	25.3	28	—	17	—	61	0	94	—	150
ALEXANDRIA	00	9	04	3	0	0	—	12.2	26.0	69	00	9	00	0	0	0	—	11.4	-0.9	24.6	28	-1	20	0	67	0	166	185	132
DAMIETTA											00	8	02	1	0	0	—	10.7	—	26.8	29	—	19	—	54	0	70	107	159
PORT SAID	00	8	04	2	0	0	—	11.9	27.6	70	00	8	04	1	0	0	—	11.4	+0.4	26.2	29	0	21	0	64	0	64	80	134
EL 'ARISH	00	7	32	3	1	0	—	11.5	25.6	79	00	7	00	0	0	0	—	11.0	—	26.0	27	—	18	—	72	0	130	93	135
DAMANHUR											00	8	04	2	0	0	—	11.6	-0.3	25.8	34	+1	19	+1	67	0	29	103	136
MANSURA											00	8	02	1	0	0	—	11.2	—	25.9	34	0	19	0	68	0	46	55	137
TANTA	00	8	00	0	0	0	—	11.2	32.6	32	00	8	00	0	0	0	—	11.6	-0.7	26.2	34	-1	17	-2	58	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	10.8	33.5	36	00	8	04	1	0	0	—	11.6	—	27.9	34	0	19	+1	67	0	31	29	139
ALMAZA	00	8	02	3	0	0	—	9.3	34.5	26	00	7	04	2	0	0	—	10.7	—	28.4	35	—	21	—	38	0	18	—	141
EZBEKIYA	00	9	02	2	0	0	—	9.5	35.0	24	00	6	30	1	0	0	—	10.4	-1.2	27.2	36	+1	21	+2	50	0	23	27	—
GIZA	00	9	02	3	0	0	—	9.5	34.7	29	00	7	28	2	0	0	—	10.4	-1.7	25.6	35	0	18	+1	60	0	23	27	—
HELWAN	00	9	04	4	0	0	—	8.7	34.4	12	05	6	06	4	0	0	—	9.8	-2.1	29.4	35	0	22	+2	19	0	26	29	143
SUEZ	00	9	02	2	0	0	—	9.3	33.3	26	00	9	32	2	0	0	—	9.9	-1.2	25.2	35	0	20	-1	53	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	8.6	34.8	18	00	8	32	2	0	0	—	9.5	-2.5	27.4	37	+1	18	-2	39	0	7	8	153
MINYA	00	9	32	3	0	0	—	8.4	33.5	28	00	7	32	2	0	0	—	8.4	-2.3	25.7	35	-1	19	-1	60	0	4	—	154
ASYUT	00	8	28	3	0	0	—	7.6	35.2	27	00	7	26	1	0	0	—	8.3	-2.3	29.4	38	+1	20	-1	33	0	2	4	155
QENA	00	8	24	4	0	0	—	6.2	38.2	25	00	8	28	1	0	0	—	8.0	-0.7	27.8	40	-1	22	-1	42	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	6.4	39.2	14	00	8	10	1	0	0	—	8.4	—	32.0	41	—	19	—	28	0	dr	—	157
ASWAN	00	7	32	2	0	0	—	4.8	39.7	10	00	7	00	0	0	0	—	7.8	-1.2	30.0	41	-1	24	-1	27	0	1	—	158
SIWA	00	8	06	3	0	0	—	9.3	36.0	47	00	8	00	0	0	0	—	10.3	-1.8	29.0	38	+2	17	-2	55	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	10.0	35.0	19	00	9	00	0	0	0	—	9.4	—	28.0	37	—	22	—	39	0	1	—	149
KHARGA	00	8	04	2	0	0	—	7.1	36.7	28	00	8	00	0	0	0	—	7.8	-1.6	30.2	38	-2	20	-3	35	0	dr	tr	151
DAKHLA	00	7	30	1	0	0	—	9.0	36.8	15	00	7	00	0	0	0	—	9.1	-1.6	28.0	39	-1	19	-4	35	0	dr	—	152
TOR	00	6	28	6	0	0	—	6.3	28.5	77	00	6	28	3	0	0	—	7.1	-1.1	26.8	32	-1	23	0	78	0	20	13	145
HURGHADA	00	9	02	4	0	0	—	6.8	31.2	48	00	9	30	2	0	0	—	7.9	-0.9	28.6	32	-2	21	-2	51	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	7.9	30.2	64	00	7	32	2	0	0	—	7.9	-0.4	29.0	32	-1	23	-3	74	0	tr	6	147
PORT SUDAN											00	—	24	1	0	0	—	7.4	+1.0	35.0	38	-1	—	—	34	0	81	109	169
WADI HALFA											00	8	28	2	0	0	—	7.9	-0.9	27.2	43	+2	20	-3	26	—	—	—	165
KAREIMA											01	8	12	3	0	1	Ci	9.6	+1.5	32.4	43	0	23	-3	14	0	3	4	166
ATBARA											00	—	20	5	0	0	—	8.2	+1.4	32.4	42	-1	27	+1	28	0	6	9	167
KHARTUM											02	8	18	3	1	5	Ac, As	10.0	+1.7	29.9	42	+1	28	+2	47	0	15	12	168
KASSALA											01	8	14	4	1	4	Ac	8.6	-0.8	28.6	39	0	25	0	46	dr	40	39	170
WAD MEDANI											03	—	20	4	1	7	—	10.6	+1.8	24.7	40	0	20	-4	78	27	71	45	171
DUEIM											03	—	—	3	2	7	—	10.2	+0.8	28.2	39	-1	25	+1	60	0	66	34	173
RENK																												—	182
ROSEIRES											02	—	10	1	0	4	—	12.3	+1.3	23.4	35	0	22	0	78	2	120	165	172
EL OBEID											01	8	08	3	0	3	Ac	10.2	-0.1	26.0	38	0	22	0	76	0	34	49	174
EL FASHER											00	8	14	3	0	0	—	—	—	27.5	40	+2	25	+3	44	0	17	24	175
GENEINA											01	8	00	0	1	4	Ac	—	—	25.6	42	—	19	—	48	0	54	—	179
KADUGLI																												—	187
MALAKAL											02	8	08	3	6	6	As, Cu	13.8	+2.1	24.0	34	+1	23	+1	77	dr	304	277	176
WAU *											03	—	26	1	2	7	—	11.2	+0.5	24.9	—	—	21	0	86	0	366	459	177
JUBA											10	7	20	1	6	7	Cu, Sc	13.4	+1.0	23.0	32	0	21	+1	91	4	553	472	178

UPPER WINDS on 15th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 7h	KHARTUM 7h	KASSALA 6h	EL OBEID 7h	MALAKAL 7h	JUBA	SALUM 14th 13h
02.36.20	02.22.05	02.11.20	02.04.10	02.05.15	02.08.15	02.01.10	03.03.15	06.02.35	06.19.50	06.18.35	07.19.20	06.07.20		02.07.10
05.27.10	05.28.30	05.10.10	05.07.30	05.06.25	05.09.15	05.05.25	06.01.35	10.01.25	10.19.80	10.19.35	10.16.30	10.10.05		05.13.30
08.31.05	10.28.10	08.06.15	10.08.30	08.08.30	10.03.25	10.03.25	10.36.25	15.36.10	15.20.75	15.21.30	15.20.10	15.15.15		10.14.40
10.21.20	15.34.15	09.03.15	15.04.20	10.07.30	15.36.30	15.06.15	16.02.20	20.35.10	20.21.55	20.24.15	20.31.15	20.17.25		15.15.35
11.23.20	20.04.10	10.36.15	20.29.10	15.36.15			20.01.30	25.03.05	25.22.60	30.30.10	25.35.20	24.16.25		19.23.20
	25.30.05	15.34.15	25.25.10	20.26.10			28.01.65	30.25.25	30.23.45	31.31.10				20.28.25
	30.26.30	20.01.05	30.27.10	23.25.15				40.18.05	40.36.20					25.28.30
		25.25.30		25.25.10					50.01.30					30.24.35
		30.26.25		30.27.25					60.02.40					35.21.40
		40.26.30		35.29.25					70.08.50					

Forecast for 24 hours from noon on 15th

Moderate northeast winds, fresh at times, backing tomorrow to north-west or north.

Clear at first; occasional medium cloud tomorrow.

Cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٥

رياح شمالية شرقية معتدلة وتكون قوية أحيانا ثم تصبح شمالية غربية أو شمالية غدا.

السماء صحو أولا ثم يظهر بعض السحاب المتوسط الارتفاع غدا

تهبط درجة الحرارة باكر.

Mean of day

STATION	Humidity % on 14th	Diff. from normal	Wet Bulb Temp. °C on 14th	Diff. from normal
Alexandria	75	+3	21.1	+0.9
Ezbekiya	45	-10	20.1	-1.2
Giza	50	-4	20.8	+0.4
Helwan	28	-13	17.5	-0.1

Giza Grass minimum on 15th 13.2 °C

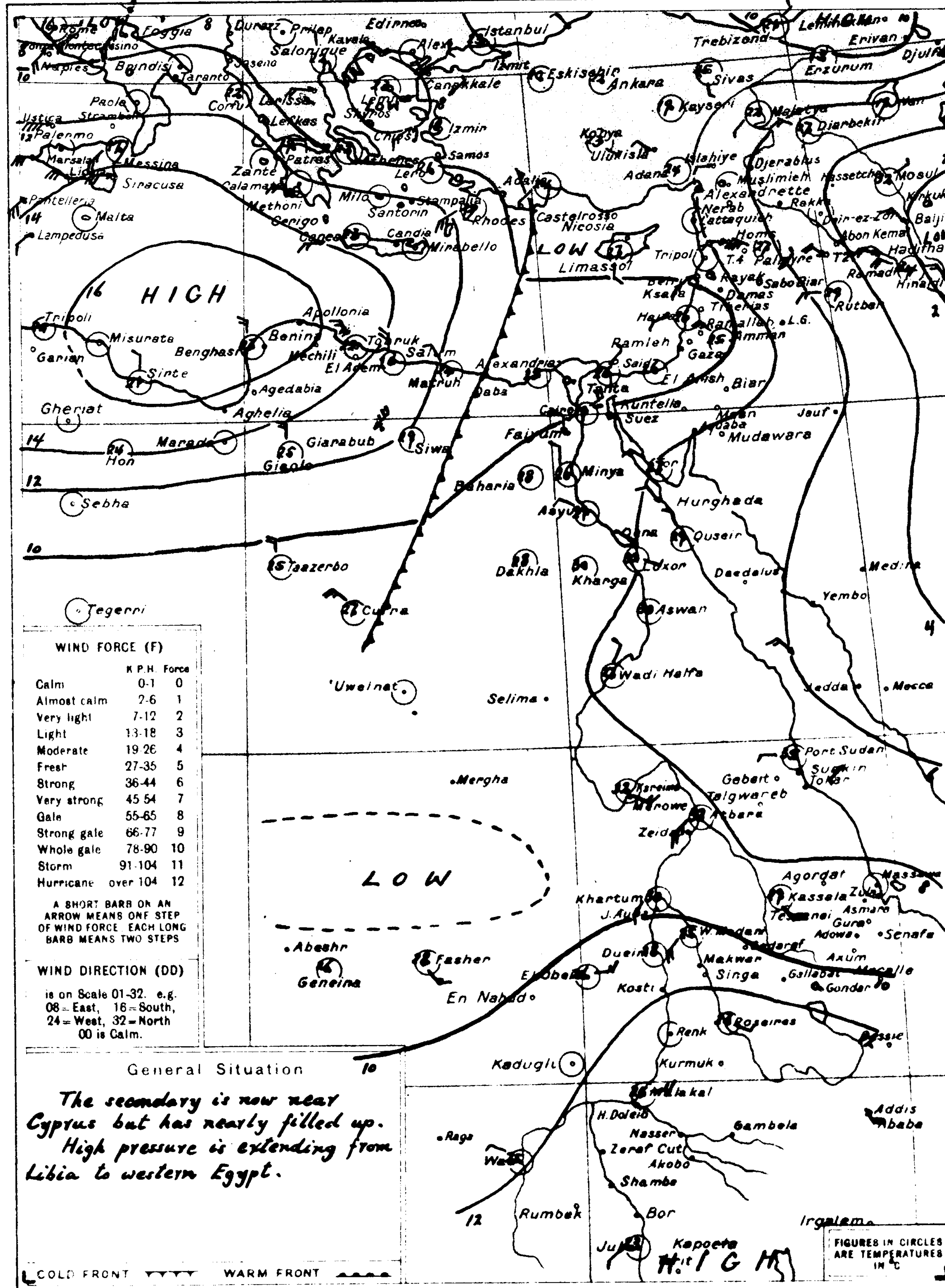
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
15-6	1528	1330
14-6	1528	1285

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	14-6	13.43	-0.05	13.45	-0.03
Nasser	14-6	8.39	+0.53	8.33	+0.53
Malakal	15-6	11.26	+0.48	11.24	+0.48
Roseires	14-6	13.24	+0.18	13.24	+0.22
Sennar Res	14-6	6.65	—	6.83	—
J. Aulia U S	14-6	372.02	—	371.99	—
J. Aulia D S	14-6	371.34	+0.13	371.33	+0.13
Khartum	14-6	10.80	+0.01	10.68	-0.07
Kh. el Girba	14-6	10.01	-0.82	10.01	-0.76
Atbara	14-6	10.35	+0.08	10.34	+0.09
Kajnarti	14-6	132.48	+0.36	132.44	+0.36
Aswan Res	15-6	114.85	—	114.76	—
Aswan D S	15-6	86.80	+0.52	86.80	+0.54
Roda (Cairo)	15-6	15.95	+0.43	15.95	+0.41

Printed by the Survey & Mines Dept. 1938 (38 554)

Isobars, Wind and Temperature at 8 h. 15-6-1939 ١٥-٦-١٩٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The secondary is now near Cyprus but has nearly filled up. High pressure is extending from Libia to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 15th الساعة ٨ يوم ١٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yester day °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	09	6	16	2	0	0	—	9.1	-1.3	27	—	—	—	—	—	0	610	461
Haifa	00	—	22	2	—	0	—	10.6	+1.9	26.0	28	-1	21	+1	66	0	559	646

SHIPS سفن

Remarks

* Wau total rainfall is up to June 12th inc.

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise 04 h 33 m
" " Sunset 18 h 38 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 15-6 الساعة ١٤ يوم ١٥ — At 8 h. on FRIDAY 16th الساعة ٨ يوم الجمعة ١٦

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff. from norm. °C	Min Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALŪM	00	7	02	5	0	0	—	13.4	22.4	68	01	8	30	3	0	1	Cu	14.7	+1.7	20.0	24	—	16	—	75	0	82	—	130
MATRŪH	00	7	30	4	0	0	—	11.5	24.4	78	02	7	26	4	2	6	Cu	13.4	+0.8	20.9	25	-2	18	-1	68	0	122	160	131
DIKHEILA	00	8	02	4	0	0	—	11.9	25.2	88	01	8	28	4	1	4	Sc	13.0	—	22.7	28	—	22	—	89	0	94	—	150
ALEXANDRIA	00	9	02	3	0	0	—	11.2	27.0	68	02	9	28	3	2	4	Ac	12.7	+0.5	23.2	29	0	21	+1	73	0	166	185	132
DAMIETTA											00	8	28	2	0°	0	—	11.2	—	24.5	30	—	20	—	76	0	70	107	159
PORT SAID	00	8	04	1	0	0	—	11.1	28.6	58	00	8	28	1	0	0	—	11.5	+0.6	22.8	30	+1	21	0	87	0	64	80	134
EL 'ARISH	00	7	30	3	0	0	—	10.2	27.2	67	00	7	26	1	0	0	—	10.8	—	26.8	29	—	—	—	60	0	130	93	135
DAMANHŪR											00	8	28	4	0	0	—	12.0	+0.1	25.2	35	+2	18	0	70	0	29	103	136
MANSURA											00	8	32	2	0	0	—	11.6	—	25.0	35	+1	20	+1	67	0	46	55	137
TANTA	00	7	04	1	0	0	—	11.8	33.7	31	00	7	32	2	0	0	—	12.0	-0.2	25.5	35	0	16	-3	69	0	41	43	138
ZAGAZIG	00	9	04	1	0	0	—	9.8	34.8	24	00	9	02	1	0	0	—	11.6	—	25.8	35	+1	16	-2	67	0	31	29	139
ALMAZA	00	8	32	4	0	0	—	9.9	35.8	29	00	8	02	2	0	0	—	12.0	—	24.0	37	—	19	—	67	0	18	—	141
EZBEKIYA	00	9	02	2	0	0	—	9.6	35.0	24	00	6	06	2	0	0	—	11.6	+0.1	25.1	37	+2	19	0	65	0	23	27	—
GIZA	00	9	02	3	0	0	—	8.6	35.9	28	01	7	28	2	0	3	St	11.6	-0.4	23.2	37	+2	18	+1	80	0	23	27	—
HELWAN	00	9	02	5	0	0	—	8.0	36.1	13	00	7	32	4	0	0	—	11.4	-0.4	24.0	37	+2	19	-1	60	0	26	29	143
SUEZ	00	9	02	3	0	0	—	8.4	34.7	30	00	9	28	3	0	0	—	10.7	-0.3	26.2	37	+2	21	0	61	0	27	18	144
FAYUM	00	8	02	3	0	0	—	7.8	37.4	17	00	8	32	4	0	0	—	—	—	25.1	38	+2	20	0	55	0	7	8	153
MINYA	00	8	28	3	0	0	—	7.4	36.3	20	00	6	02	3	0	0	—	9.3	-1.3	25.6	37	+1	21	+1	50	0	4	—	154
ASYUT	00	8	22	3	0	0	—	6.7	38.0	19	00	7	22	3	0	0	—	8.4	-2.1	26.7	39	+2	20	-1	44	0	2	4	155
QENA	00	8	20	1	0	0	—	6.0	40.0	24	00	8	26	2	0	0	—	6.7	-1.9	29.2	42	+1	22	-1	40	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	5.9	41.2	16	00	8	30	2	0	0	—	7.0	—	32.5	45	—	21	—	30	0	dr	—	157
ASWAN	00	7	32	1	0	0	—	4.7	40.0	12	00	7	32	1	0	0	—	6.3	-2.6	31.5	43	+1	26	+1	23	0	1		158
SIWA	00	8	00	0	1	0	—	9.5	38.3	35	00	8	32	1	0	0	—	12.4	+0.3	25.0	42	+5	15	-4	67	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.0	38.5	18	00	9	32	1	0	0	—	12.3	—	24.0	40	—	20	—	75	0	1	—	149
KHARGA	00	8	04	1	0	0	—	4.7	41.5	19	00	8	32	4	0	0	—	7.6	-1.8	31.7	42	+2	24	+1	54	0	dr	tr	151
DAKHLA	00	8	02	2	0	0	—	7.6	39.8	22	00	7	18	1	0	0	—	9.3	-1.3	32.0	42	+2	22	-1	57	0	dr	—	152
TOR	00	6	28	3	0	0	—	6.0	32.0	60	00	6	28	5	0	0	—	6.8	-1.3	27.0	32	-1	22	-1	77	0	20	13	145
HURGHADA	00	9	02	2	0	0	—	6.8	32.9	36	00	9	30	3	0	0	—	7.6	-1.1	29.6	34	0	24	0	57	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	7.1	31.0	59	00	7	32	3	0	0	—	6.7	-1.5	30.0	33	0	24	-2	61	0	tr	6	147
PORT SUDAN											00	—	24	2	0	0	—	7.1	+0.8	33.6	38	-1	—	—	27	0	81	109	169
WADI HALFA											01	8	16	1	0	1	Ac	6.3	-2.4	29.6	42	+1	21	-2	11	—	—	—	165
KAREIMA											00	8	12	2	0	0	—	7.8	-0.3	31.0	42	-1	23	-3	17	0	3	4	166
ATBARA											00	—	20	4	0	0	—	7.8	+1.1	33.0	42	-1	28	+2	31	0	6	10	167
KHARTUM											00	7	20	4	0	0	—	8.6	+0.3	31.4	40	-1	26	0	42	0	15	12	168
KASSALA											02	8	14	3	1	5	Ac	8.7	-0.7	28.0	37	-2	25	0	44	0	40	40	170
WAD MEDANI											00	—	18	5	0	0	—	10.3	+1.4	27.0	37	-3	24	0	56	0	71	46	171
DUEIM											00	—	—	3	0	0	—	10.0	+0.5	30.2	35	-5	25	+1	44	0	66	35	173
RENK																												—	182
ROSEIRES											02	—	12	1	0	4	—	11.4	+0.3	26.0	35	0	23	+1	73	dr	120	169	172
EL OBEID											01	8	18	3	0	3	Ac	9.1	-1.2	27.7	36	-2	25	+3	57	dr	34	50	174
EL FASHER											01	8	16	2	0	3	Ac	—	—	27.5	40	+2	26	+4	44	0	17	24	175
GENEINA											02	8	08	1	1	5	Ac,Cs	—	—	24.2	40	—	19	—	60	0	54	—	179
KADUGLI																												—	187
MALAKAL											01	8	14	3	1	4	Ac,Ci	11.2	-0.6	26.4	32	-1	21	0	71	dr	304	282	176
WAU																												464	177
JUBA											01	8	24	1	0	2	Ac	11.0	-1.5	25.0	31	-1	19	-1	84	3	556	477	178

UPPER WINDS ON 16th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM 7 h	DIKHEILA 7 h	CAIRO	HELWAN	ASYŪT	ASWAN	WADI HALFA 4 h	KAREIMA 7 h	KHARTŪM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	SALUM 15th 13 h
02.33.15	02.33.25					06.36.20	06.10.25	06.19.40	06.27.40	07.21.35	06.13.05		02.36.30
05.35.35	05.33.20					10.02.15	10.06.25	10.20.55	10.28.50	10.22.40	10.13.20		05.36.35
10.32.40	10.31.15					15.05.25	15.04.10	15.20.45	15.31.20	15.20.20	15.14.30		10.36.25
15.33.45	15.26.25					20.05.30	20.07.10	20.21.25	20.34.15	19.21.25	20.16.30		15.35.25
20.28.25	20.36.25					30.02.40	25.05.10	30.35.15	30.11.20		30.24.05		20.24.25
25.31.35	23.35.35					36.01.35	30.04.15	40.35.05	40.15.20		40.09.20		22.23.30
26.31.45							40.01.20	50.25.05	41.15.20		50.07.20		
							50.06.25				51.05.15		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

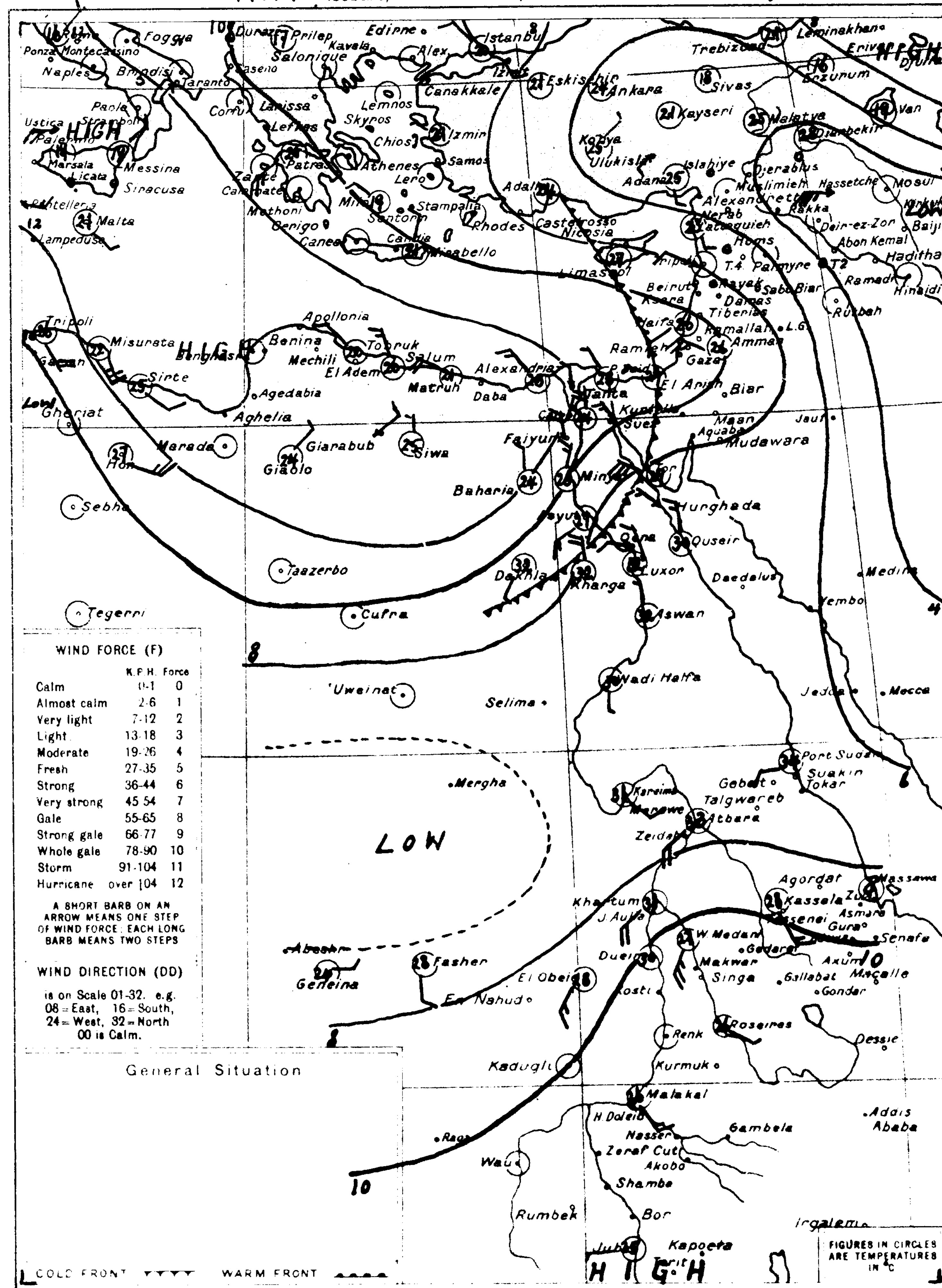
STATION	Mean of day Humidity % on 15th	Diff. from normal	Wet bulb temp. on 15th	Diff. from normal
Alexandria	75	+3	21.7	+1.4
Ezbekiya	38	-17	20.1	-1.2
Giza	41	-13	20.3	-0.1
Helwan	17	-24	17.4	-0.3
Giza Grass minimum		16.6	15.8	

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
16-6	1597	1331
15-6	1528	1330

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	14-6	13.43	-0.05	13.45	-0.03
Nasser	14-6	8.39	+0.53	8.33	+0.53
Malakal	15-6	11.26	+0.48	11.24	+0.48
Roseires	15-6	13.33	+0.22	13.24	+0.18
Sennar Res	16-6	6.64	—	6.72	—
J. Aulia U S	14-6	372.02	—	371.99	—
J. Aulia D S	14-6	371.34	+0.13	371.32	+0.13
Khartum	15-6	10.93	+0.09	10.89	+0.01
Kh. el Girba	14-6	10.01	-0.82	10.01	-0.76
Atbara	14-6	10.35	+0.08	10.34	+0.09
Kajnarti	16-6	132.59	+0.41	132.53	+0.38
Aswan Res	16-6	114.35	—	114.55	—
Aswan D.S	16-6	86.87	+0.57	86.80	+0.52
Roda (Cairo)	15-6	15.95	+0.43	15.93	+0.41

Isobars, Wind and Temperature at 8 h. 16-6-1939 ٣٩-٦-١٦



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

At 8 h. on 16th الساعة ٨ يوم ١٦

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff. from norm. °C	Min Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	16	1	0	0	—	8.4	-1.9	27	—	—	—	—	—	0	610	461
Haifa	00	—	32	2	—	0	—	8.8	+0.2	25.9	30	0	20	0	76	0	559	646
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94, 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 50

CAIRO
Time of Sunrise 4h 53m
" " Sunset 18h 58m

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 16-6 — ٦/١٦ الساعة ١٤ يوم | At 8 h. on SATURDAY 17th — السبت ١٧ الساعة ٨ يوم

Region	Station	14h ww Present weather	14h V Visibility	14h DD Wind Dir.	14h F Wind Force	14h W Past weather	14h N Cloud Amount	14h C Cloud Form	14h PPP Bar. press. M.S.L. 1000+ mbs.	14h TTT °C Temp.	14h UU % Humidity	8h ww Present weather	8h V Visibility	8h DD Wind Dir.	8h F Wind Force	8h W Past weather	8h N Cloud Amount	8h C Cloud Form	8h PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALUM	00	8	02	4	0	0	—	13.4	23.7	62	02	7	32	1	1	4	Cs	12.7	-0.3	22.4	26	—	15	—	55	0	82	—	130
	MATRUH	02	7	30	4	2	5	Cu	13.1	22.6	66	00	7	28	1	0	0	—	12.3	-0.2	21.4	23	-4	16	-3	75	0	122	160	131
	DIKHEILA	00	8	28	4	1	0	—	12.8	22.5	87	02	8	28	3	1	5	Sc	13.4	—	21.9	23	—	21	—	87	0	94	—	150
	ALEXANDRIA	01	9	30	5	2	3	Ac	12.3	23.4	68	02	9	32	2	2	5	Ac	12.8	+0.7	22.2	26	-3	20	0	72	0	166	185	132
	DAMIETTA											03	8	24	2	2	6	Sc	12.3	—	23.3	26	—	21	—	65	0	70	107	159
	PORT SAID	00	8	30	3	1	0	—	10.8	28.0	55	02	6	20	3	1	4	Sc	11.8	+1.0	23.2	30	+1	21	-1	73	0	64	81	134
	EL 'ARISH	00	7	32	2	0	0	—	11.1	26.0	64	02	7	00	0	1	5	Cu	11.6	—	23.0	28	—	21	—	67	0	130	93	135
LOWER EGYPT	DAMANHUR											02	7	24	3	2	5	Cu	12.7	+0.9	23.3	28	-5	18	0	70	0	29	103	136
	MANSURA											01	7	32	2	1	4	Sc	12.4	—	22.5	33	-1	18	-1	63	0	46	55	137
	TANTA	00	8	00	0	0	0	—	10.7	31.5	43	03	6	00	0	2	7	Sc	12.7	+0.5	22.5	32	-3	16	-3	66	0	41	43	138
	ZAGAZIG	00	9	30	1	0	0	—	10.4	33.8	39	01	7	26	1	1	3	Ac	12.7	—	23.9	34	0	16	-2	62	0	31	29	139
MIDDLE EGYPT (CAIRO)	ALMAZA	00	8	32	2	0	0	—	10.8	33.2	43	05	7	02	1	0	0	—	13.5	—	22.1	34	—	19	—	71	0	18	—	141
	EZBEKIYA	00	8	32	2	0	0	—	9.8	34.3	30	00	6	30	3	0	0	—	12.2	+0.8	23.3	35	0	19	-1	65	0	23	28	—
	GIZA	00	9	28	1	0	0	—	11.1	33.8	40	00	6	30	1	0	0	—	12.0	0.0	21.7	34	-1	18	+1	76	0	23	28	—
	HELWAN	00	7	32	4	0	0	—	9.0	33.7	18	05	6	32	2	0	0	—	12.0	+0.2	21.5	35	0	17	-3	62	0	22	29	143
	SUEZ	00	9	02	2	0	0	—	9.4	32.2	37	00	7	30	2	0	0	—	11.8	+0.9	22.3	34	-1	20	-1	65	0	27	18	144
UPPER EGYPT	FAIYUM	00	8	32	4	0	0	—	9.4	35.4	23	00	8	02	3	0	0	—	12.3	+0.5	22.3	37	+1	18	-2	64	0	7	8	153
	MINYA	00	7	32	5	0	0	—	8.4	34.8	21	00	7	02	2	0	0	—	11.8	+1.2	22.8	36	0	18	-2	66	0	4	—	154
	ASYUT	00	7	26	4	0	0	—	7.2	38.8	18	00	6	22	3	0	0	—	11.1	+0.6	25.0	40	+3	20	-1	62	0	2	4	155
	QENA	00	8	22	2	0	0	—	5.9	41.8	25	00	8	24	1	0	0	—	8.7	+0.2	28.8	43	+2	24	+1	46	0	dr	—	156
	LUXOR	00	8	26	2	0	0	—	5.5	42.2	18	00	8	02	2	0	0	—	8.6	—	33.8	45	—	23	—	24	0	dr	—	157
	ASWAN	00	7	00	0	0	0	—	3.9	43.8	13	00	7	02	3	0	0	—	7.8	-1.0	31.0	46	+4	28	+3	38	0	1		158
WESTERN DESERT	SIWA	00	8	26	3	0	0	—	13.1	34.0	40	00	8	00	0	0	0	—	13.9	+1.9	24.0	36	-1	15	-4	60	0	7	8	145
	BAHARIYA	00	9	00	0	0	0	—	10.0	34.0	36	00	9	00	0	0	0	—	13.4	—	21.0	36	—	17	—	74	0	1	—	149
	KHARGA	00	8	32	3	0	0	—	5.3	41.3	14	00	8	00	0	0	0	—	9.6	+0.3	28.4	41	+1	25	+2	45	0	dr	tr	151
	DAKHLA	00	8	30	4	0	0	—	8.6	39.0	13	00	7	26	1	0	0	—	12.3	+1.7	28.8	40	0	25	+2	47	0	dr	—	152
RED SEA	TOR	00	6	28	5	0	0	—	5.6	30.5	68	00	6	28	6	0	0	—	7.8	-0.2	25.2	33	0	24	+1	88	0	20	13	145
	HURGHADA	00	9	02	4	0	0	—	6.6	31.6	54	00	9	30	4	0	0	—	8.0	-0.6	29.1	34	0	23	-1	63	0	1	—	146
	QUSEIR	00	7	32	2	0	0	—	6.3	30.5	68	00	7	32	3	0	0	—	8.0	-0.2	29.0	32	-1	25	-1	60	0	tr	6	147
	PORT SUDAN											00	—	20	2	0	0	—	6.8	+0.6	35.7	39	0	—	—	18	0	81	109	169
NORTHERN SUDAN	WADI HALFA											00	8	02	4	0	0	—	6.7	-2.1	32.1	45	+4	—	—	14	—	—	—	165
	KAREIMA											05	7	16	2	0	3	Ci	7.1	-1.0	30.9	43	0	23	-3	22	0	3	4	166
	ATBARA											00	—	18	3	0	0	—	7.6	+0.9	33.0	42	0	28	+2	33	0	6	10	167
	KHARTUM											18	6	18	4	1	5	Ac Ci	7.7	-0.6	32.2	41	0	27	+1	33	0	15	12	168
	KASSALA											03	8	16	2	1	6	Ac	7.9	-1.6	30.3	37	-2	23	-2	41	dr	40	42	170
CENTRAL SUDAN	WAD MEDANI											00	—	14	6	0	0	—	8.3	-0.6	30.8	39	0	23	-1	43	0	71	48	171
	DUEIM											00	—	—	3	0	0	—	8.8	-0.7	30.0	39	0	25	+1	54	0	66	36	173
	RENK																			—									—	182
	ROSEIRES											00	—	14	1	0	0	—	—	—	26.2	35	0	23	+1	64	0	120	173	172
	EL OBEID											03	8	18	3	0	6	Ac	8.0	-2.4	29.2	38	+1	26	+4	58	dr	34	52	174
	EL FASHER											01	8	16	1	1	3	Ci	—	—	27.7	39	+1	24	+2	33	0	17	25	175
	GENEINA											01	8	00	0	1	3	Ac	—	—	24.7	41	—	21	—	61	0	54	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											01	8	16	2	1	3	Ac	9.9	-1.9	26.0	35	+2	22	+1	71	0	304	288	176
	WAU																												470	177
	JUBA											00	8	20	2	0	0	—	10.8	-1.7	25.4	33	+1	20	0	84	0	556	482	178

UPPER WINDS — الرياح العليا يوم ١٧ — 17th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT 8h	ASWAN 7h	WADI HALFA 4h	KAREIMA 7h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 5h	JUBA	Geneina 5h
02.33.05	02.33.10	01.32.20	02.36.10	02.35.20	02.30.15	02.01.20	03.03.45	06.14.20	06.06.60	06.17.10	07.21.25	06.21.05		10.28.25
05.33.10	05.34.30	02.31.20	05.01.05	05.03.15	05.25.40	05.01.45	06.04.65	10.07.15	10.17.70	10.19.20	10.22.35	10.18.10		15.26.30
10.29.15	10.32.45	05.32.20	10.34.15	08.34.20	10.38.35	10.02.55	10.05.35	15.07.20	15.18.65	15.23.25	15.34.10	15.19.20		20.25.10
15.34.20	15.33.50	06.32.20		10.31.20	15.32.25	15.02.30	15.02.20	20.05.30	20.19.70	20.30.10	20.35.05	20.18.10		30.14.35
20.32.25	18.34.40			15.34.25	20.36.25	20.03.15	20.22.45	25.04.25	25.21.60	30.02.15	30.26.05	30.07.15		
25.30.30				20.36.30			25.25.05	30.03.20	30.21.65	40.02.30	40.27.05	40.10.25		
30.30.35				23.34.30			26.22.10	40.03.20	40.21.55	50.10.20		48.09.30		
35.32.60								50.04.25	50.31.20	53.13.10				
								60.02.50	60.33.35					
								70.03.50						

Forecast for 24 hours from noon on 17th

On the coast moderate northwest winds, backing later to west or southwest. Inland light to moderate northerly winds. Clear or occasional low cloud. Slightly warmer tomorrow, but temperature below normal.

تغيرات الطقس المنتظرة في ١٤ ساعة من ظهر يوم ١٧

على السواحل رياح معتدلة شمالية غربية ثم تصير غربية أو جنوبية غربية فيما بعد وفي الداخل رياح شمالية بحرية الخفيفة والمعتدلة السماء صحو أو من قليل السحاب المنخفض أحياناً ترتفع درجة الحرارة قليلاً باكر ولكنها تظل دون المعدل.

Station	Mean of day: Humidity % on 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	70	-2	19.2	-1.2
Ezbekiya	58	+3	21.2	-0.1
Giza	58	+4	21.5	+1.0
Helwan	49	+8	19.3	+1.5

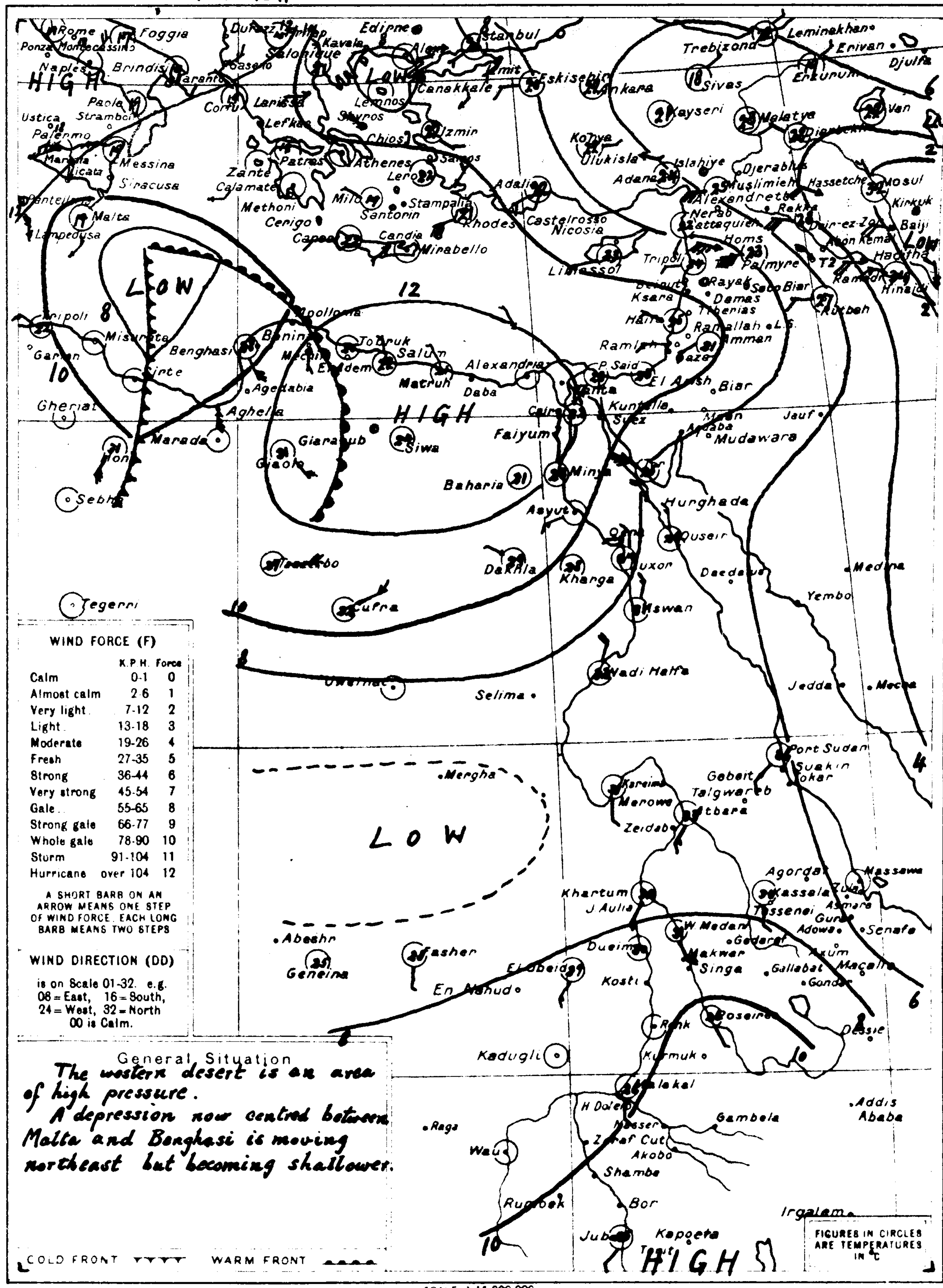
Giza Grass minimum on 17th 13.3°C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
17-6	1597	1331
16-6	1597	1331

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	16-6	13.44	-0.05	13.45	-0.04
Nasser	16-6	8.46	+0.57	8.43	+0.55
Malakal	17-6	11.30	+0.48	11.28	+0.48
Roseires	17-6	13.85	+0.61	13.52	+0.34
Sennar Res	16-6	6.64	—	6.72	—
J. Aulia U.S.	16-6	371.97	—	371.97	—
J. Aulia D.S.	16-6	371.42	+0.17	371.38	+0.15
Khartum	16-6	11.04	+0.15	10.93	+0.09
Kh. el Girba	16-6	10.04	-0.92	10.12	-0.77
Atbara	16-6	10.34	+0.08	10.34	+0.06
Kajnarti	16-6	132.59	+0.41	132.53	+0.38
Aswan Res	17-6	114.08	—	114.35	—
Aswan D.S.	17-6	86.91	+0.59	86.87	+0.57
Roda (Cairo)	17-6	15.95	+0.43	15.95	+0.41

١٩٣٩-٦-١٧ Isobars, Wind and Temperature at 8 h. 17-6-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The western desert is an area of high pressure.
A depression now centred between Malta and Benghasi is moving northeast but becoming shallower.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 17th — ١٧ الساعة ٨ يوم

Station	ww Present weather	V Visibility	DD Wind Dir.	F Wind Force	W Past weather	N Cloud Amount	C Cloud Form	PPP M.S.L. 1000+ mbs	Diff. from normal mbs	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	10	7	22	3	0	2	—	9.1	—	23	—	—	—	—	—	0	610	461
Haifa	02	—	26	1	—	4	—	11.4	+2.8	25.0	30	0	21	0	88	0	559	696

SHIPS

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 53
" " Sunset 18 58

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

١٩٣٩-٦-١٨

At 14 h. on 17-6 الساعة ١٤ يوم ٦/١٧

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)
SALUM	02	9	04	3	1	5	Cc	11.9	27.0	20
MATRUH	00	7	32	2	0	0	—	11.8	24.8	61
DIKHEILA	00	8	28	3	1	0	—	13.0	23.6	84
ALEXANDRIA	00	9	30	2	0	0	—	12.7	24.1	69
DAMIETTA										
PORT SAID	00	8	28	4	1	0	—	12.3	26.2	66
EL ARISH	00	7	32	3	0	0	—	12.0	25.5	74
DAMANHUR										
MANSURA										
TANTA	00	7	00	0	0	0	—	11.6	30.0	41
ZAGAZIG	00	8	30	2	0	0	—	11.8	31.4	37
ALMAZA	00	8	32	3	0	0	—	11.9	30.3	52
EZBEKIYA	00	9	32	3	0	0	—	11.0	31.2	37
GIZA	00	8	30	1	0	0	—	10.8	30.7	47
HELWAN	05	6	30	4	0	0	—	10.8	30.6	29
SUEZ	00	9	02	2	0	0	—	11.1	29.0	39
FAYUM	00	8	30	3	0	0	—	10.6	31.8	29
MINYA	00	8	30	4	0	0	—	10.4	31.5	30
ASYUT	00	8	26	3	0	0	—	8.4	35.6	26
QENA	00	8	24	1	0	0	—	6.7	40.0	22
LUXOR	00	8	30	1	0	0	—	7.0	39.5	21
ASWAN	00	7	32	3	0	0	—	6.3	41.6	17
SIWA	00	8	00	0	0	0	—	13.3	36.0	40
BAHARIYA	00	9	00	0	0	0	—	10.0	35.0	32
KHARGA	00	8	32	2	0	0	—	8.4	37.2	22
DAKHLA	00	8	28	1	0	0	—	10.2	37.2	30
TOR	00	6	28	5	0	0	—	6.6	30.1	71
HURGHADA	00	9	02	4	0	0	—	6.8	33.6	47
QUSEIR	00	7	02	3	0	0	—	7	30.0	71

At 8 h. on SUNDAY 18th الساعة ٨ يوم الاحد ١٨

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	18	4	20	7	3	0	—	7.5	-5.4	25.4	29	—	21	—	38	0	82	—	130
MATRUH	05	7	16	4	0	0	—	8.3	-4.1	30.8	25	-2	17	-2	12	0	122	160	131
DIKHEILA	01	8	10	3	0	3	Sc	11.5	—	23.8	24	—	18	—	77	0	94	—	150
ALEXANDRIA	02	9	14	3	2	4	Ac	10.6	-1.4	22.3	26	-3	19	-2	77	0	166	185	132
DAMIETTA	01	8	10	2	0	1	Ci	10.8	—	25.2	26		20		74	0	70	107	159
PORT SAID	00	8	04	2	0	0	—	11.4	+0.7	24.0	28	-1	21	-1	79	0	64	81	134
EL ARISH	00	7	00	0	0	0	—	11.5	—	26.2	27	—	—	—	63	0	130	93	135
DAMANHUR	00	7	08	3	0	0	—	12.7	+1.0	24.6	31	-2	18	0	68	0	29	103	136
MANSURA	00	8	08	2	0	0	—	11.0	—	24.1	32	-2	18	-1	70	0	46	55	137
TANTA	00	7	00	0	0	0	—	11.0	-1.1	24.5	32	-3	17	-2	64	0	41	43	138
ZAGAZIG	00	7	06	2	0	0	—	11.1	—	25.9	32	-2	17	-1	67	0	31	29	139
ALMAZA	05	6	04	1	0	0	—	10.4	—	28.9	32		20	—	37	0	18	—	141
EZBEKIYA	00	6	00	0	0	0	—	9.8	-1.5	27.9	34	-1	21	+1	35	0	23	28	—
GIZA	05	6	00	0	0	0	—	9.9	-2.0	24.7	33	-2	17	0	61	0	23	28	—
HELWAN	05	5	26	2	0	0	—	10.0	-1.7	24.3	32	-3	20	0	31	0	26	29	143
SUEZ	00	8	32	2	0	0	—	10.2	-0.6	23.3	32	-3	19	-2	59	0	27	18	144
FAYUM	00	8	02	2	0	0	—	10.0	-1.7	26.8	34	-2	19	-1	40	0	7	8	153
MINYA	00	6	32	1	0	0	—	9.1	-1.4	26.2	33	-4	19	-1	51	0	4	—	154
ASYUT	00	6	26	3	0	0	—	9.4	-1.1	26.0	37	0	20	-1	48	0	2	4	155
QENA	00	8	24	1	0	0	—	8.0	-0.4	27.7	41	0	22	-1	46	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	8.2	—	30.6	41	—	19	—	31	0	dr	—	157
ASWAN	00	7	30	3	0	0	—	6.7	-2.0	29.5	43	+1	24	-1	41	0	1	—	158
SIWA	00	8	00	0	0	0	—	9.4	-2.6	29.0	37	0	15	-4	64	0	7	8	145
BAHARIYA	00	9	00	0	0	0	—	11.0	—	27.5	36	—	19	—	54	0	1	—	149
KHARGA	00	8	32	1	0	0	—	8.7	-0.6	30.2	38	-2	20	-3	35	0	dr	tr	151
DAKHLA	00	7	00	0	0	0	—	9.9	-0.6	29.0	38	-2	21	-2	46	0	dr	—	152
TOR	00	6	28	3	0	0	—	7.2	-0.7	27.5	32	-1	24	+1	74	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	8.2	-0.3	28.8	35	+1	22	-2	42	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	8.3	+0.2	29.8	32	-1	25	-1	53	0	tr	6	147
PORT SUDAN	00	—	02	2	0	0	—	7.4	+1.3	34.5	41	+2	—	—	26	0	81	109	169
WADI HALFA	01	8	02	2	1	3	Cs	7.1	-1.5	29.7	44	+3	25	+2	11	—	—	—	165
KAREIMA	01	8	28	1	1	4	Cs	7.3	-0.7	33.5	44	+1	25	-1	21	0	3	4	166
ATBARA	00	—	24	4	0	0	—	7.2	+0.5	33.6	43	+1	27	+1	30	0	6	10	167
KHARTUM	01	8	26	2	1	4	Ac,Ci	8.1	-0.2	32.2	42	+1	26	0	38	0	15	13	168
KASSALA	01	8	18	3	1	4	Ac,Ci	7.1	-2.4	31.3	39	0	28	+3	48	0	40	43	170
WAD MEDANI	02	—	20	4	0	4	—	8.2	-0.7	29.6	40	+1	23	0	49	0	71	49	171
DUEIM	03	—	—	3	2	7	—	9.3	-0.3	27.2	41	+2	24	0	71	tr	66	37	173
RENK																		—	182
ROSEIRES	02	—	10	1	0	4	—	10.6	-0.6	26.0	39	+4	25	+3	67	0	120	177	172
EL OBEID	03	8	00	0	1	8	As	8.4	-2.0	25.7	37	0	23	+1	69	7	41	53	174
EL FASHER	01	8	14	3	1	4	Ac,Cs	—	—	26.0	40	+2	24	+2	62	0	17	26	175
GENEINA																		—	179
KADUGLI																		—	187
MALAKAL	03	8	18	1	5	6	Ac,As	10.7	-1.2	29.4	35	+2	25	+4	55	dr	304	293	176
WAU	03	—	10	1	1	7	—	10.9	+0.1	24.0	34	+1	21	0	74	0		476	177
JUBA	01	8	24	2	0	2	Ac	11.7	-0.8	25.8	35	+3	22	+2	69	0	556	487	178

UPPER WINDS 18th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

SALUM 7 h	MATRUH 7 h	DIKHEILA 7 h	CAIRO 8 h	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 4 h	KAREIMA 7 h	KHARTUM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	SALUM 17th 13 h
02.22.50	02.17.40	02.14.35	02.05.15	02.33.15	02.28.10	02.01.10	03.03.35	06.07.35	06.25.40	06.30.25	07.23.15	06.03.05		02.07.15
05.20.—	05.17.30	04.12.15	06.05.30	05.04.25	05.06.15	05.02.20	06.36.40	10.05.50	10.25.70	10.32.30	10.19.05	10.28.15		05.18.20
10.23.45	10.19.35	05.06.15	10.07.30	08.05.20	10.05.40	10.06.15	10.34.35	15.03.45	15.25.70	15.31.15	15.08.10	15.23.15		10.21.30
	15.19.35	10.08.30	15.06.25	10.06.40	15.05.60	15.01.20	15.30.35	20.05.40	20.23.45	20.32.10	20.03.15	20.18.20		15.21.10
		15.08.10	20.02.25	15.05.40	20.04.55	20.30.15	20.20.30	25.06.25	25.22.20	30.11.20	30.06.30	30.16.15		20.16.10
		17.11.05		20.03.30			25.27.30	30.06.10	30.21.20	34.12.15	34.07.30	40.10.15		25.22.15
		19.17.05		23.02.30			25.27.30	40.03.05	40.02.20			50.10.20		30.25.30
		20.00.00		25.01.20			30.23.35	50.02.10	50.02.20			56.09.30		35.27.40
		25.29.10		30.34.20			35.26.30	60.01.10						40.28.45
		30.27.25						65.04.05						

On the coast moderate to fresh southerly winds 18th, veering to west or northwest. Inland moderate northeast to east winds, becoming westerly later tomorrow. Mainly clear; occasional low cloud tomorrow. Becoming cooler tomorrow.

على الساحل رياح جنوبية معتدلة إلى نشطة يوم ١٨ يونيو ثم تصير غربية أو شمالية غربية. وفي الداخل رياح معتدلة شمالية شرقية إلى شرقية ثم تصير غربية بكرة بعد الظهر. السماء صحو على العموم وكتل سحاب منخفض بكرة. تهبط درجة الحرارة بكرة.

Station	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp. °C 17th	Diff. from normal
Alexandria	75	+3	19.6	-0.8
Ezbekiya	53	-2	20.1	-1.3
Giza	60	+5	20.9	+0.4
Helwan	42	+1	18.0	+0.1

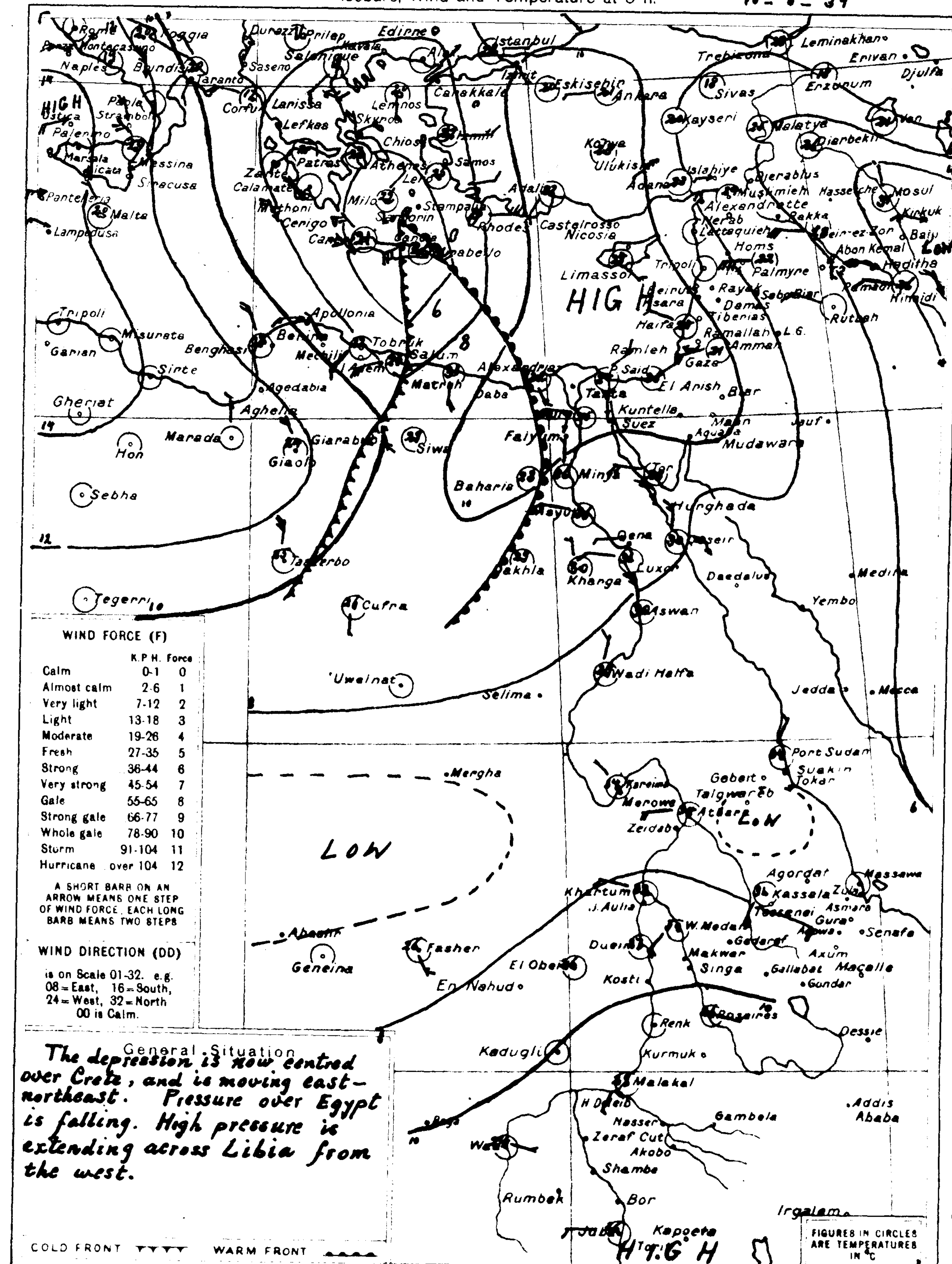
Giza Grass minimum 18th 15.1 °C

Discharges at Aswan measured by sluices m^3 per sec

Date	1939	1938
18-6	1577	1330
17-6	1597	1331

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	18-6	13.41	-0.09	13.44	-0.05
Nasser	17-6	8.49	+0.50	8.48	+0.57
Malakal	18-6	11.30	+0.46	11.30	+0.48
Roseires	17-6	12.85	+0.61	13.52	+0.34
Sennar Res	17-6	7.65	—	6.64	—
J. Aulia U.S	17-6	371.76	—	371.77	—
J. Aulia D.S	17-6	371.45	+0.15	371.42	+0.17
Khartum	18-6	11.13	+0.16	11.10	+0.16
Kh. el Girba	17-6	10.04	-0.98	10.08	-0.92
Atbara	17-6	10.33	+0.05	10.34	+0.03
Kajnarti	17-6	132.65	+0.43	132.59	+0.41
Aswan Res	18-6	113.88	—	114.08	—
Aswan D.S	18-6	86.91	+0.58	86.91	+0.59
Roda (Cairo)	18-6	15.93	+0.40	15.95	+0.42

Isobars, Wind and Temperature at 8 h. 18-6-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The depression is now centred over Crete, and is moving east-northeast. Pressure over Egypt is falling. High pressure is extending across Libia from the west.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	19	5	10	2	7	0	—	9.8	-0.4	24	—	—	—	—	—	0	610	461
Haifa	02	—	36	1	—	3	—	11.9	+3.4	24.9	27	-3	19	-2	75	0	659	646

At 8 h on 18th الساعة ٨ يوم ١٨

SHIPS

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo nimbus	Cb

Printed by the Survey & Mines Dept.

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 53 m
" " Sunset 18 h 59 m

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 18-6 (الساعة ١٤ يوم ١٨/٦) — At 8 h. on MONDAY 19th (الساعة ٨ يوم الاثنين ١٩)

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	00	6	28	0	0	0	—	8.6	28.0	53	01	8	30	4	1	3	Cu	13.8	+1.0	20.4	33	—	17	—	74	0	82	—	130
MATRUH	00	7	18	2	0	0	—	7.5	28.9	67	02	7	26	4	2	5	Cu	12.2	-0.2	21.9	39	+12	20	+1	74	0	122	160	131
DIKHEILA	00	8	02	2	0	0	—	10.6	21.4	72	01	7	28	4	2	4	Sc	11.0	—	23.1	33	—	22	—	90	0	94	—	150
ALEXANDRIA	00	9	04	1	0	3	—	9.8	31.0	43	03	9	32	5	2	6	Ac	10.4	-1.5	23.0	33	+4	22	+1	76	0	166	185	132
DAMIETTA											00	8	32	2	0	0	—	8.2	—	26.2	30	—	23	—	69	0	70	107	159
PORT SAID	00	8	04	3	0	0	—	11.0	28.0	70	00	8	04	3	1	0	—	8.2	-2.3	25.5	29	0	24	+2	90	0	64	81	134
EL 'ARISH	00	7	32	3	0	0	—	10.7	26.6	71	00	7	00	0	0	0	—	7.6	—	30.8	31	—	—	—	43	0	130	93	135
LOWER EGYPT																													
DAMANHUR											02	7	04	4	2	4	Cu	10.2	-1.4	24.4	37	+4	20	+2	77	0	29	103	136
MANSURA											00	8	28	2	0	0	—	9.1	—	26.8	37	+2	21	+2	57	0	46	55	137
TANTA	00	7	00	0	0	0	—	9.9	35.5	29	02	6	28	4	1	4	Sc	9.6	-2.4	25.0	37	+2	19	0	72	0	41	43	138
ZAGAZIG	00	9	04	1	0	0	—	10.0	36.2	21	00	9	28	1	0	0	—	9.6	—	28.4	36	+2	20	+2	45	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	06	1	0	0	—	9.6	38.6	32	05	7	26	2	0	0	—	10.3	—	26.0	39	—	23	—	66	0	18	—	141
CAIRO EZBEKIYA	00	9	02	2	0	0	—	8.7	38.8	14	00	6	30	3	0	0	—	9.8	-1.4	27.0	40	+5	23	+3	65	0	23	28	—
CAIRO GIZA	00	9	00	0	0	0	—	8.7	38.9	23	05	6	32	1	0	0	—	9.8	-2.0	25.8	39	+4	19	+2	76	0	23	28	—
HELWAN	00	8	04	3	0	0	—	7.8	39.0	07	05	5	28	4	0	0	—	9.4	-2.2	24.5	40	+5	22	+2	64	0	26	29	143
SUEZ	00	9	28	2	0	0	—	7.0	34.7	19	00	7	30	2	0	0	—	7.6	-3.1	30.0	38	+3	21	0	40	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	8	02	2	0	0	—	8.2	40.0	12	00	7	32	2	0	0	—	9.8	-1.9	26.1	41	+5	21	+1	66	0	7	8	153
MINYA	00	7	28	2	0	0	—	7.2	37.5	43	00	5	32	2	0	0	—	8.0	-2.4	28.6	39	+2	22	+2	32	0	4	—	154
ASYUT	00	7	22	3	0	0	—	7.0	39.0	23	00	6	30	2	0	0	—	7.6	-2.8	32.0	40	+3	22	0	38	0	2	4	155
QENA	00	8	28	1	0	0	—	6.6	39.1	27	00	8	32	1	0	0	—	7.9	-0.4	28.9	41	0	22	-1	47	0	dr	—	156
LUXOR	00	8	24	1	0	0	—	6.7	39.8	15	00	8	02	1	0	0	—	7.8	—	32.7	43	—	21	—	36	0	dr	—	157
ASWAN	00	7	32	1	0	0	—	5.1	41.0	14	00	7	00	0	0	0	—	7.6	-1.0	31.4	42	0	26	+1	37	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	22	3	0	0	—	10.4	40.0	38	00	8	26	2	0	0	—	14.8	+2.9	22.0	41	+4	18	-1	73	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.0	40.0	30	00	9	32	1	0	0	—	11.4	—	25.0	42	—	21	—	68	0	1	—	149
KHARGA	00	8	32	1	0	0	—	6.8	39.2	33	00	8	00	0	0	0	—	7.6	-1.6	32.0	41	+1	24	+1	41	0	dr	tr	151
DAKHLA	00	7	00	0	0	0	—	8.7	40.0	28	00	8	06	3	0	0	—	11.0	+0.6	31.2	43	+3	21	-2	34	0	dr	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	7.0	31.8	64	00	6	28	1	0	0	—	6.4	-1.4	27.0	33	0	20	-3	88	0	20	13	145
HURGHADA											00	9	30	2	0	0	—	7.2	-1.2	32.9	34	0	21	-3	32	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	7.6	37.4	44	00	7	32	3	0	6	—	7.4	-0.6	34.4	32	-1	26	0	40	0	tr	6	147
PORT SUDAN											00	—	12	1	0	0	—	7.6	+1.6	34.7	38	-1	—	—	35	0	81	101	169
NORTH SUDAN																													
WADI HALFA											01	8	32	2	1	4	Ci	7.3	-1.3	30.3	43	+2	21	-2	11	—	—	—	165
KAREIMA											02	8	04	3	1	6	Cs	8.1	+0.1	34.3	45	+2	27	+1	10	0	3	4	166
ATBARA											00	—	16	6	0	0	—	7.4	+0.7	32.8	44	+2	29	+3	37	0	6	10	167
KHARTUM											18	6	20	4	1	8	AcCs	8.5	+0.1	31.2	43	+2	28	+2	48	0	15	13	168
KASSALA											00	8	12	2	0	0	—	8.4	-1.2	28.3	38	-1	25	+1	57	dr	40	44	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	18	4	1	4	—	10.3	+1.3	27.7	40	+1	22	-1	70	8	79	50	171
DUEIM											02	—	—	3	1	4	—	9.8	+0.2	29.0	37	-2	26	+2	62	0	66	37	173
RENK																												—	182
ROSEIRES											02	—	14	1	1	4	—	11.4	+0.2	23.7	34	-1	22	0	90	6	126	181	172
EL OBEID											02	8	20	3	0	5	AcCs	9.8	-0.7	26.5	36	-1	24	+2	69	0	41	54	174
EL FASHER											02	8	22	1	1	5	AcCs	—	—	26.0	38	0	22	0	48	0	17	26	175
GENEINA																												—	179
KADUGLI																												—	187
SOUTH SUDAN																													
MALAKAL											03	8	18	3	2	7	AcAs	11.5	-0.4	24.6	31	-1	22	+1	78	dr	304	278	176
WAU											02	—	16	1	0	4	—	10.8	+0.1	24.8	33	0	21	0	77	0	366	401	177
JUBA																												492	178

UPPER WINDS ON 19th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	SALUM 14h
7 h m	7 h m	8 h m	8 h m	8 h 30 m	8 h m	7 h m	8 h m	7 h m	7 h m	7 h m	7 h m	7 h m	h m	13 h m
02.32.20	02.31.30	01.33.30	02.30.25	02.34.15	02.00.00	05.04.25	03.36.15	06.07.25	06.24.55	06.16.25	07.21.25	06.28.15		02.02.15
05.33.—	04.31.25	03.33.35	05.34.25	05.35.25	05.15.10	10.02.35	06.36.35	10.36.40	10.21.90	10.19.30	10.25.40	10.26.05		05.20.40
10.34.25	ent. Cu.	05.33.35	10.24.25	08.31.35	10.21.05	15.03.45	10.01.30	15.33.35	15.23.70	15.23.20	15.31.20	15.18.20		10.26.25
15.34.30		ent. Cld.	15.23.20	10.23.20	15.25.20	20.02.30	15.36.20	20.33.15	20.23.60	20.32.20	20.29.15	20.16.10		15.23.45
19.31.25			20.26.30	15.23.25	20.25.20		20.01.30	30.19.05	25.27.40	30.01.35	25.34.05	30.09.20		17.23.50
				20.24.35			25.01.25	40.21.05	30.29.40	40.01.40		40.05.20		
				22.24.30			30.01.25	50.02.15	40.25.50	50.05.35		48.07.25		
							40.01.25		50.02.35	60.19.35				
							50.02.25		60.04.40					
							52.01.25		70.07.45					

Forecast for 24 hours from noon on 19th
Northwest to north winds, moderate inland, fresh on the coast.
Clear at first, occasional low cloud later.
Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٩
رياح بين شمالية غربية وشمالية تكون معتدلة في
الداخل وشديدة نوعا على الساحل
السماء صحو أولا ثم يظهر بعض السحاب المنخفض أحيانا
تهبط درجة الحرارة.

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp °C on 18th	Diff. from normal
Alexandria	62	-10	21.5	+1.0
Ezbekiya	29	-26	19.6	-1.8
Giza	45	-10	21.4	+0.8
Helwan	16	-25	16.7	-1.3

Giza Grass minimum on 19th 15.9 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
19-6	1597	1388
18-6	1597	1330

GAUGE	Date 1939	Reading m.	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	18-6	13.41	-0.09	13.44	-0.05
Nasser	18-6	8.52	+0.50	8.49	+0.50
Malakal	19-6	11.31	+0.45	11.30	+0.46
Roseires	19-6	13.66	+0.34	13.83	+0.56
Sennar Res	18-6	6.69	—	6.65	—
J. Aulia U.S	18-6	371.98	—	371.96	—
J. Aulia D.S	18-6	371.48	+0.18	371.45	+0.18
Khartum	18-6	11.13	+0.16	11.10	+0.16
Kh. el Girba	18-6	10.60	-0.09	10.64	-0.98
Atbara	18-6	10.45	+0.10	10.38	+0.05
Kajnarti	18-6	132.68	+0.42	132.65	+0.43
Aswan Res	19-6	113.68	—	113.88	—
Aswan D.S	19-6	86.91	+0.56	86.91	+0.58
Roda (Cairo)	19-6	15.93	+0.39	15.93	+0.40

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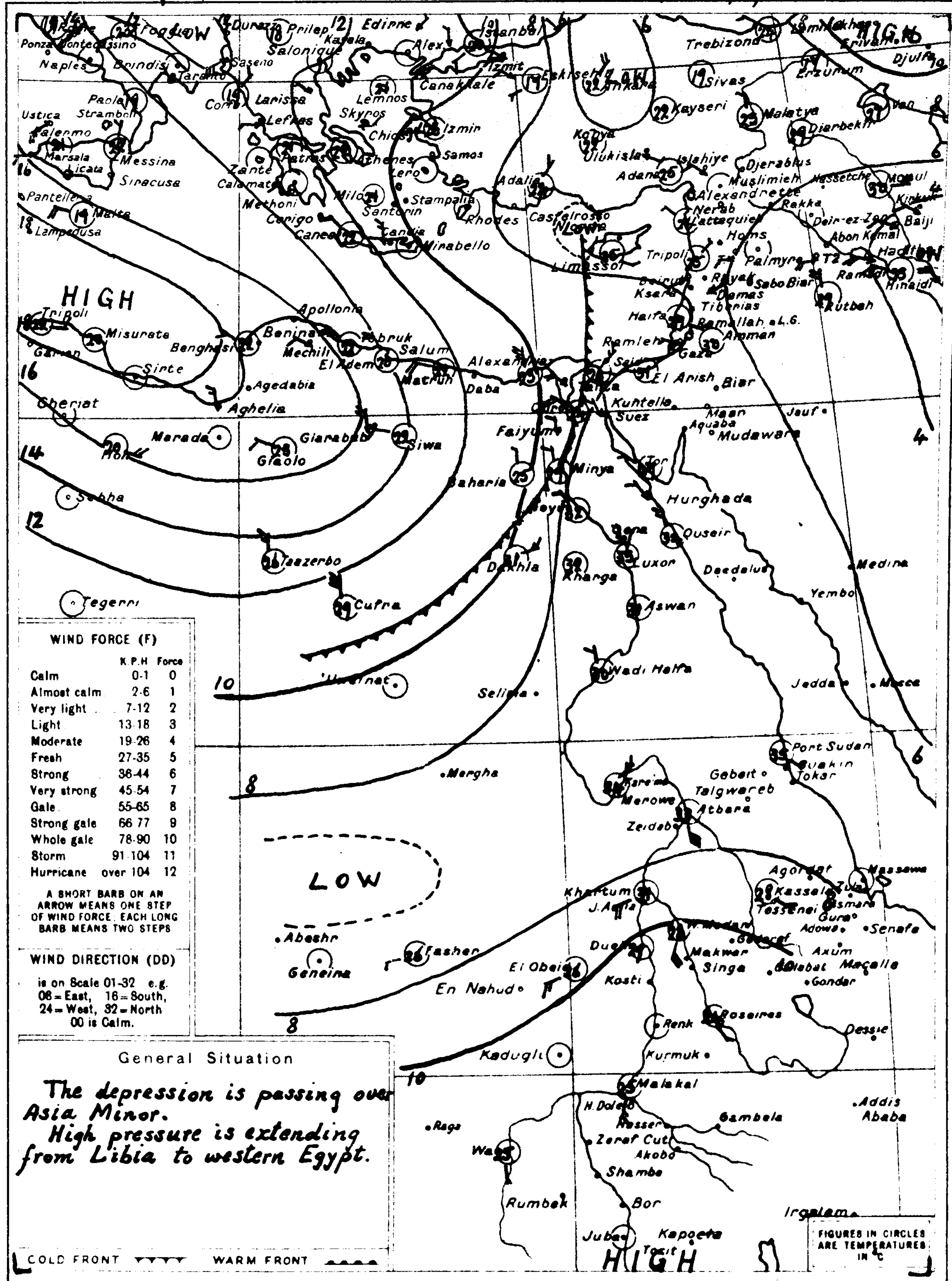
.١٩٣٩-٦-١٩ Isobars, Wind and Temperature at 8 h. 19-6-1939.



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation
The depression is passing over Asia Minor.
High pressure is extending from Libia to western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 19th (الساعة ٨ يوم ١٩)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yester day °C MM	Diff. from norm °C	Min. Today °C mm	Diff. from norm °C	% Humidity UU	Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	6	10	1	0	0	—	8.0	-2.0	25	—	—	—	—	—	0	610	462
Haifa	00	—	10	2	—	0	—	8.8	+0.4	28.7	28	-2	20	-1	49	0	559	646
SHIPS																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h 04 m 54
„ „ Sunset h 18 m 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *JUNE* 1939 ١٩٣٩ شهر يونيه

At 14 h. on *19-6* ١٩ الساعة ١٤ يوم — At 8 h. on *Tuesday 20th* الساعة ٨ يوم الثلاثاء ٢٠

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.	Station Number
SALUM	00	8	30	5	0	0	—	13.9	25.9	48	00	7	28	3	0	0	—	14.8	+2.1	20.3	27	—	16	—	77	0	82	—	130
MATRUH	02	7	28	5	1	4	Cu	13.5	23.2	68	02	7	26	6	2	5	Cu	13.9	+1.6	21.8	23	-4	18	-1	77	0	122	160	131
DIKHEILA	02	8	28	5	1	4	Sc	12.6	23.1	90	02	8	28	3	1	4	Sc	13.6	—	22.6	24	—	21	—	86	0	94	—	150
ALEXANDRIA	02	9	28	5	2	5	Ac	12.0	25.2	69	02	9	32	2	2	4	Ac	13.1	+1.4	23.0	29	0	21	0	73	0	166	185	132
DAMIETTA											01	8	28	2	1	3	Ac	12.4	—	23.8	28	—	19	—	79	0	70	107	159
PORT SAID	01	8	28	5	0	3	Ci	9.6	29.0	71	02	8	28	4	2	4	Sc	12.3	+1.8	23.8	30	+1	21	-1	88	0	64	81	134
EL ARISH	00	7	30	4	0	0	—	8.0	28.8	64	01	7	26	2	1	3	Cu	11.9	—	25.8	31	—	21	—	66	0	130	93	135
DAMANHUR											00	8	28	4	0	0	—	13.0	+1.5	24.5	28	-5	18	0	72	0	29	103	136
MANSURA											00	8	24	1	0	0	—	12.6	—	23.9	31	-4	18	-1	68	0	46	55	137
TANTA	00	7	28	5	0	0	—	10.2	30.0	53	00	7	28	2	0	0	—	11.6	-0.3	24.0	31	-4	16	-3	72	0	41	43	138
ZAGAZIG	00	9	30	3	0	0	—	9.6	32.9	44	00	9	28	1	0	0	—	13.3	—	24.9	33	-1	17	-1	68	0	31	29	139
ALMAZA	05	6	24	3	0	0	—	8.8	33.0	32	02	7	28	2	2	5	Cu	13.9	—	22.5	34	—	20	—	65	0	18	—	141
EZBEKIYA	00	8	30	2	0	0	—	9.4	34.0	43	02	7	30	1	1	4	Cu	13.1	+2.0	23.2	35	0	20	0	69	0	23	28	—
GIZA	00	8	32	3	0	0	—	9.3	32.8	51	02	6	30	2	2	5	Cu	13.4	+1.7	22.0	33	-2	19	+2	78	0	23	28	—
HELWAN	05	5	28	4	0	0	—	8.7	32.7	35	05	6	32	2	2	5	Cu	13.1	+1.6	22.6	34	-1	20	0	61	0	26	29	143
SUEZ	00	9	28	3	0	0	—	7.9	36.3	28	01	7	26	3	1	3	Cu	12.7	+2.2	24.3	38	+3	21	-1	73	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	9.3	35.0	27	01	8	02	3	0	3	Cu	13.8	+2.2	23.0	36	0	18	-2	65	0	7	8	153
MINYA	00	7	30	4	0	0	—	7.8	36.0	33	00	6	32	3	0	0	—	12.7	+2.4	22.9	37	0	19	-1	66	0	4	—	154
ASYUT	00	6	26	3	0	0	—	7.2	38.6	18	00	6	22	3	0	0	—	12.3	+2.0	24.0	40	+3	21	-1	67	0	2	4	155
QENA	00	8	22	2	0	0	—	6.0	43.2	25	00	7	30	4	0	0	—	9.1	+0.8	30.9	44	+3	25	+2	38	0	dr	—	156
LUXOR	00	8	24	1	0	0	—	6.2	43.5	19	00	8	30	3	0	0	—	9.8	—	32.0	45	—	25	—	38	0	dr	—	157
ASWAN	00	7	32	2	0	0	—	4.6	44.0	13	00	7	30	4	0	0	—	8.0	-0.5	31.8	45	+3	29	+4	33	0	1	—	158
SIWA	00	8	00	0	0	0	—	15.1	32.1	54	00	8	00	0	0	0	—	16.2	+4.3	22.8	34	-3	16	-4	76	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	9.8	34.0	22	00	9	32	1	0	0	—	13.4	—	21.5	34	—	17	—	70	0	1	—	149
KHARGA	00	8	28	1	0	0	—	6.2	45.0	26	00	8	04	5	0	0	—	11.2	+2.1	27.0	45	+5	25	+2	45	0	dr	tr	151
DAKHLA	00	7	02	5	0	0	—	9.9	38.0	23	00	8	02	4	0	0	—	14.6	+4.2	25.5	39	-1	22	-1	40	0	dr	—	152
TOR	00	6	28	2	0	0	—	5.3	35.6	42	00	5	28	6	0	0	—	8.2	-0.5	25.5	38	+5	24	+1	80	0	20	13	145
HURGHADA	00	9	08	1	0	0	—	6.4	36.9	21	00	9	30	6	0	0	—	8.4	+0.1	27.2	39	+5	25	+1	55	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	7.0	31.4	59	00	7	32	3	0	0	—	7.6	-0.3	29.8	34	0	26	0	60	0	tr	6	147
PORT SUDAN											00	—	28	2	0	0	—	6.8	+0.8	36.5	38	-1	—	—	27	—	81	109	169
WADI HALFA											05	6	32	5	1	5	Cs	8.5	-0.1	31.4	39	-2	27	+4	22	—	—	—	165
KAREIMA											02	8	32	2	1	5	Cs	7.7	-0.3	31.1	44	+1	23	-3	13	0	3	4	166
ATBARA											30	—	20	6	0	—	—	7.1	+0.4	32.5	44	+2	29	+3	33	0	6	10	167
KHARTUM											18	4	20	4	1	5	Ac Ci	7.9	-0.5	30.4	43	+2	26	0	47	0	15	13	168
KASSALA											00	8	16	4	0	0	—	7.5	-2.1	28.3	39	0	24	0	51	0	40	45	170
WAD MEDANI											02	—	20	5	0	4	—	8.2	-0.8	30.4	40	+1	23	0	45	0	79	52	171
DUEIM											00	—	—	3	0	0	—	9.1	-0.5	28.6	38	-1	25	+1	60	0	66	38	173
RENK																													182
ROSEIRES											00	—	14	1	0	0	—	10.8	-0.4	25.2	34	-1	23	+1	72	dr	126	184	172
EL OBEID											02	8	20	2	0	8	Ac Ci	8.1	-2.4	28.1	37	0	25	+3	63	0	41	55	174
EL FASHER											01	8	20	2	0	3	Ci	—	—	26.5	40	+2	24	+2	56	0	17	27	175
GENEINA											01	8	24	2	1	3	Ac	—	—	23.9	39	—	20	—	60	0	54	—	179
KADUGLI																												—	187
MALAKAL											03	9	16	3	2	7	Bs Ac	9.9	-2.0	25.8	31	-1	23	+2	72	dr	304	303	176
WAU											02	—	16	1	0	4	—	10.4	-0.5	24.5	34	+1	22	+1	80	0	421	487	177
JUBA											03	8	20	3	0	6	Cu Sc	13.4	+0.9	24.0	33	+1	22	+2	83	0	563	497	178

UPPER WINDS ON 20th ٢٠ الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 6h	KAREIMA 7h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	Salum 19h 13h
02.32.15	02.31.30	02.31.15	02.01.10	02.35.15	02.32.35	02.02.20	03.01.35	06.01.50	06.17.50	06.18.20	07.24.30	06.17.25		02.33.20
05.34.30	05.32.35	05.31.20	04.01.05	05.36.10	05.34.35	05.02.45	06.02.45	10.02.50	10.19.65	10.18.10	10.25.35	10.16.20		05.34.15
10.30.05	10.32.45	06.32.15	ent. Cu	08.02.15	10.34.45	10.01.35		15.03.25	15.21.60	15.28.15	15.28.30	15.14.05		10.31.20
15.31.25	ent. Cu	08.35.10		10.36.15	15.33.50	15.34.20		20.04.10	20.26.20	20.29.25	20.36.40	20.07.20		15.31.30
20.32.45				15.33.30	20.33.35	20.16.05		30.00.00	25.36.25	30.01.25	30.29.05	30.06.40		20.31.35
25.32.55				20.32.30				40.14.05	30.35.35			40.10.25		
				23.32.35				50.04.15	40.01.30			43.10.20		
				25.32.45				60.04.35	50.01.25					
				30.30.40				62.04.40	60.01.35					
				31.30.35					70.06.45					

Forecast for 24 hours from noon on 20th

Light to moderate northwesterly winds.
Occasional low cloud.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٠
رياح شمالية غربية بين الخفيفة والمعتدلة.
يظهر بعض السحاب المنخفض احيانا.
تستمر درجة الحرارة منخفضة.

STATION	Mean of day Humidity on 19th	Diff. from normal	Wet bulb temp. on 19th	Diff. from normal
Alexandria	71	-1	20.3	-0.3
Ezbekiya	60	+5	22.6	+1.1
Giza	70	+15	23.1	+2.5
Helwan	55	+14	20.5	+2.5

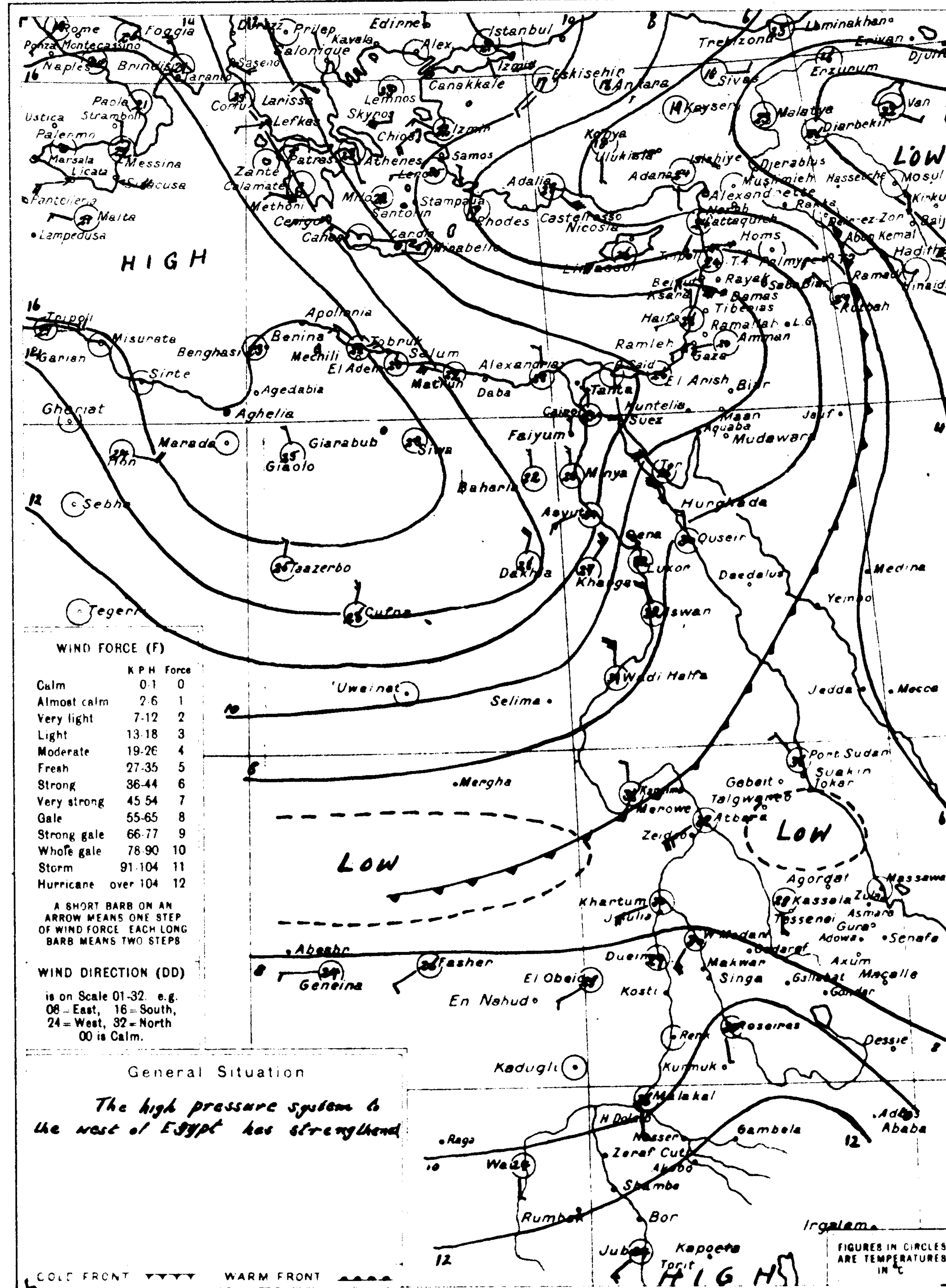
Giza Grass minimum on 20th 17.4

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
20-6	1597	1389
19-6	1597	1388

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	19.6	13.46	-0.04	13.41	-0.09
Nasser	19.6	8.56	+0.48	8.52	+0.50
Malakal	19.6	11.31	+0.45	11.30	+0.46
Roseires	19.6	13.66	+0.34	13.83	+0.56
Sennar Res	19.6	6.94	—	6.69	—
J. Aulia U S	19.6	372.05	—	371.98	—
J. Aulia D S	19.6	371.47	+0.15	371.48	+0.18
Khartum	20.6	11.04	+0.03	11.12	+0.09
Kh. el Girba	19.6	10.75	-0.38	10.60	-0.49
Atbara	19.6	10.51	+0.14	10.45	+0.10
Kajnarti	19.6	132.70	+0.41	132.68	+0.42
Aswan Res	20.6	113.40	—	113.68	—
Aswan D S	20.6	86.91	+0.54	86.91	+0.56
Roda (Cairo)	20.6	15.93	+0.39	15.93	+0.39

Isobars, Wind and Temperature at 8 h. *20 - 6 - 39* ٢٠-٦-٣٩



WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The high pressure system to the west of Egypt has strengthened

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000 Kms 200 100 0 200 400 600 Kms

STATION المحطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
At 8 h. on 20th الساعة ٨ يوم ٢٠																		
Limassol	09	6	32	5	0	—	0	7.0	-2.3	26	—	—	—	—	—	0	610	462
Haifa	01	—	32	1	—	3	—	11.1	+2.8	26.0	32	+2	22	+1	57	0	559	646
SHIPS سفن																		

Remarks

Please cancel Port Sudan Minimum temperature as from May 15

New total rainfall is correct up to date

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo nimbus	Cb

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ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h. 34 m.
Sunset 18 h. 59 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 8 h. on WEDNESDAY 21st — الساعة ٨ يوم الاربعاء ٢١ — Previous day 20-6 (الساعة ٢ بعد الظهر)

STATION	20-6 ww	20-6 V	20-6 Wind Dir	20-6 Wind Force	20-6 Past Weather	20-6 Cloud Amount	20-6 Cloud Form	20-6 Bar. M.S.L.	20-6 TTT	20-6 Humidity	ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
[illegible]	00	8	02	4	0	6	—	14.8	24.3	71	00	7	28	3	4	0	—	13.9	+1.3	19.9	28	—	14	—	90	0	82	—	130
[illegible]	02	7	26	5	2	5	Cu	13.8	22.8	78	01	7	24	4	1	4	Cu	13.0	+0.8	21.4	23	-5	16	-3	80	0	122	160	131
[illegible]	01	8	26	4	1	1	Cu	13.8	23.3	89	02	8	28	4	1	4	Sc	13.1	—	22.8	24	—	21	—	91	0	94	—	150
[illegible]	02	9	30	4	2	4	Ac	13.1	24.8	68	02	9	28	2	2	4	Ac	12.4	+0.7	23.0	26	-3	21	0	78	0	166	185	132
[illegible]											00	8	22	2	0	0	—	11.6	—	24.6	27	—	19	—	80	0	70	107	159
[illegible]	00	8	28	4	1	0	—	12.2	28.6	63	02	6	28	4	1	5	Sc	11.9	+1.5	23.2	30	+1	21	-1	88	0	64	81	134
[illegible]	00	7	28	2	1	0	—	11.4	25.8	68	00	7	20	1	0	0	—	11.5	—	26.0	27	—	18	—	62	0	130	93	135
[illegible]																											29	103	136
[illegible]											00	8	28	2	0	0	—	12.3	—	24.0	32	-3	18	-1	74	0	46	55	137
[illegible]	01	7	28	3	1	4	Ac	11.6	30.5	42	01	7	22	2	1	4	Ac	12.6	+0.8	24.5	32	-3	18	-1	76	0	41	43	138
[illegible]	00	9	30	1	0	0	—	11.1	31.8	39	01	9	28	2	1	2	—	12.7	—	24.9	32	-2	16	-2	71	0	31	29	139
AL MAZA	00	8	28	3	0	0	—	12.0	30.6	35	05	6	00	0	1	3	St	13.5	—	23.2	32	—	20	—	68	0	18	—	141
EZBEKIYA	00	9	04	3	0	0	—	11.4	31.3	37	01	6	26	1	1	2	Cu	12.7	+1.7	24.1	33	-2	20	0	72	0	23	28	—
GIZA	00	9	30	1	2	0	—	11.2	31.6	45	00	6	32	1	0	0	—	12.6	+1.0	23.2	32	-3	18	0	79	0	23	28	
HELWAN	05	6	28	3	0	0	—	10.8	30.3	28	05	6	30	1	0	0	—	12.8	+1.4	21.9	31	-4	18	-2	68	0	26	29	143
SUEZ	00	9	02	3	0	0	—	10.8	29.1	43	00	7	30	2	0	0	—	12.2	+1.8	23.6	32	-3	19	-3	70	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	11.4	30.6	30	00	8	02	3	0	0	—	12.7	+1.2	24.0	33	-3	19	-1	60	0	7	8	153
MINYA	00	7	32	4	0	0	—	11.5	30.3	33	00	6	02	3	0	0	—	11.6	+1.4	24.0	31	-6	19	-1	64	0	4	—	154
ASYUT	00	7	22	3	0	0	—	10.2	32.0	24	00	6	26	3	0	0	—	11.4	+1.1	25.6	33	-4	20	-2	57	0	2	4	155
QENA	00	8	28	4	0	0	—	6.0	38.6	19	00	8	22	2	0	0	—	8.8	+0.6	27.2	40	-1	22	-1	48	0	dr	—	156
LUXOR	00	8	44	1	0	0	—	6.8	36.9	24	00	8	30	3	0	0	—	9.6	—	30.2	38	—	23	—	37	0	dr	—	157
ASWAN	00	7	30	4	0	0	—	5.6	39.4	16	00	7	30	3	0	0	—	8.7	+0.3	28.2	40	-2	24	-1	39	0	1	—	158
[illegible]	00	8	00	0	1	0	—	15.1	32.0	54	00	8	00	0	0	0	—	14.6	+2.8	27.0	35	-2	16	-4	77	0	7	8	[illegible]
[illegible]	00	9	32	1	0	0	—	11.9	32.0	33	00	9	00	0	0	0	—	14.6	—	22.0	32	—	16	—	74	0	1	—	149
[illegible]	00	8	32	3	0	0	—	—	34.0	31	00	8	32	5	0	0	—	16.8	+1.7	26.2	35	-5	23	0	40	0	dr	tr	151
[illegible]	00	7	02	5	0	0	—	12.2	33.2	23	01	7	30	3	1	3	Ci	12.8	+2.5	27.8	35	-5	20	-3	39	0	dr	—	152
[illegible]	00	5	28	6	0	0	—	6.4	30.0	68	00	6	28	6	0	0	—	7.5	-0.1	26.0	30	-4	24	+1	76	0	20	13	145
[illegible]	00	9	30	6	0	0	—	6.7	32.1	31	00	9	30	5	0	0	—	9.1	+0.9	28.2	33	-1	23	-1	39	0	1	—	146
[illegible]	00	7	32	2	0	0	—	7.0	31.0	59	12	5	32	5	3	0	—	8.4	+0.6	28.5	32	-2	26	0	49	0	tr	6	147
PORT SUDAN											00	—	30	2	0	0	—	7.6	+1.7	33.0	40	+1	26	0	42	0	81	109	169
WADI HALFA											01	8	30	6	0	2	Cs	8.9	+0.4	28.8	42	+1	24	+1	24	—	—		165
KAREIMA											05	7	30	5	3	3	Ci	7.6	-0.4	32.9	44	+1	27	+1	12	0	3	4	166
ATBARA											00	—	20	5	0	0	—	6.7	0.0	33.3	44	+2	29	+3	31	0	6	10	167
KHARTUM											02	7	22	3	1	5	Ac,Cs	7.9	-0.5	30.2	43	+3	27	+1	41	0	15	13	168
KASSALA											00	8	16	3	0	0	—	8.2	-1.5	28.0	38	0	24	0	51	0	40	46	170
WAD MEDANI											02	—	22	3	1	4	—	8.4	-0.6	29.1	40	+1	23	0	40	dr	79	53	171
DUEIM											03	—	—	3	1	7	—	9.4	-0.2	28.2	39	0	24	0	54	0	66	39	173
RENK																												—	182
ROSEIRES											02	—	18	1	0	4	—	11.2	-0.1	22.9	36	+2	21	-1	87	11	137	188	172
EL OBEID											02	8	20	2	1	5	Ac,Ci	9.7	-0.9	27.6	37	0	25	+3	70	9	50	56	174
EL FASHER											01	8	04	2	0	4	Ci	—	—	27.0	40	+2	22	0	49	0	17	27	175
GENEINA											00	8	20	3	1	0	—	—	—	25.6	41	—	22	—	48	0	54	—	179
KADUGLI																												—	187
MALAKAL											03	8	04	2	2	6	Ac,Ci	10.6	-1.4	26.4	35	+3	22	+1	72	dr	304	308	176
WAU											02	—	20	1	2	4	—	9.7	-1.2	24.3	32	-1	21	0	82	0	421	492	177
JUBA											01	8	20	1	0	4	St	11.8	-0.7	24.9	31	-1	22	+2	76	0	563	502	178

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH 7 h.	DEKHEILA 7 h.	CAIRO 8 h.	HELWAN 8 h. 30 m.	ASYUT 8 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA h. m.	SALUM 20th 13 h.
02.32.10	02.30.20	01.30.20	02.35.05	02.34.10	02.34.20	02.36.25	03.01.40	06.03.45	06.20.60	06.19.25	07.25.25	06.29.10		02.03.20
05.35.05	05.33.25	03.30.25	05.36.15	05.35.15	05.02.30	05.35.50	06.36.55	10.02.60	10.21.55	10.20.35	10.27.35	10.28.15		05.31.—
10.32.30	10.30.30	05.32.25	10.01.20	08.36.20	10.36.50	10.02.35	10.36.55	15.36.45	15.22.60	15.25.20	15.29.15	15.23.10		10.32.20
15.32.40	15.32.30	08.29.10	15.35.30	10.01.25	15.35.55	15.32.10	15.29.25	20.04.25	20.23.95	20.28.15	20.34.05	20.00.00		15.30.30
20.32.55	cnt. Cu.	10.29.10	20.35.30	15.35.30	20.36.70	20.27.20	20.23.30	30.19.10	25.26.55	30.03.20	30.28.05	30.12.10		16.30.35
25.31.60		11.29.10	25.35.35	20.36.30			30.24.20	40.14.20	30.24.85	40.05.15		40.08.15		
26.32.50			30.34.35	23.35.35			36.34.10	50.06.15	40.36.65			50.06.15		
				25.35.30				60.06.50	50.35.25			60.31.15		
				27.35.30				63.05.45	60.32.30			63.31.10		
									70.07.25					

Forecast for 24 hours from noon on 21st

On the coast moderate west to northwest winds.
Inland light to moderate northwest to north winds.
Clear or occasional low cloud.
Slightly warmer; temperature about normal.

على الساحل رياح معتدلة غربية الى شمالية غربية
وفي الداخل رياح بين الخفيفة والمعتدلة وبين شمالية غربية وشمالية
السماء صحو أو تظهر بعض السحاب المنخفض احيانا
ترتفع درجة الحرارة قليلا وتكون حول معدلها

Mean of day

STATION	20th	Diff. from normal	20th	Diff. from normal
Alexandria	73	+1	20.2	-0.5
Ezbekiya	55	0	20.2	-1.4
Giza	61	+6	21.0	+0.3
Helwan	47	+6	18.5	+0.4
Giza	20th		13.5	

Discharge at Aswan

DATE	1939	1938
21-6	1713	1389
20-6	1597	1389

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	20-6	13.22	-0.28	13.46	-0.24
Nasser	20-6	8.60	+0.42	8.56	+0.43
Malakal	21-6	11.34	+0.44	11.32	+0.44
Roseires	21-6	13.78	+0.39	13.84	+0.48
Sennar Res	20-6	7.17	—	6.94	—
J. Aulia U.S.	20-6	372.08	—	372.05	—
J. Aulia D.S.	20-6	371.45	+0.11	371.47	+0.15
Khartum	20-6	11.09	+0.03	11.12	+0.09
Kh. el Girba	20-6	10.85	-0.33	10.75	-0.38
Atbara	20-6	10.57	+0.17	10.51	+0.14
Kajnarti	20-6	132.70	+0.38	132.70	+0.41
Aswan Res	21-6	113.17	—	113.40	—
Aswan D.S.	21-6	87.00	+0.61	86.91	+0.54
Roda (Cairo)	21-6	15.93	+0.39	15.93	+0.39

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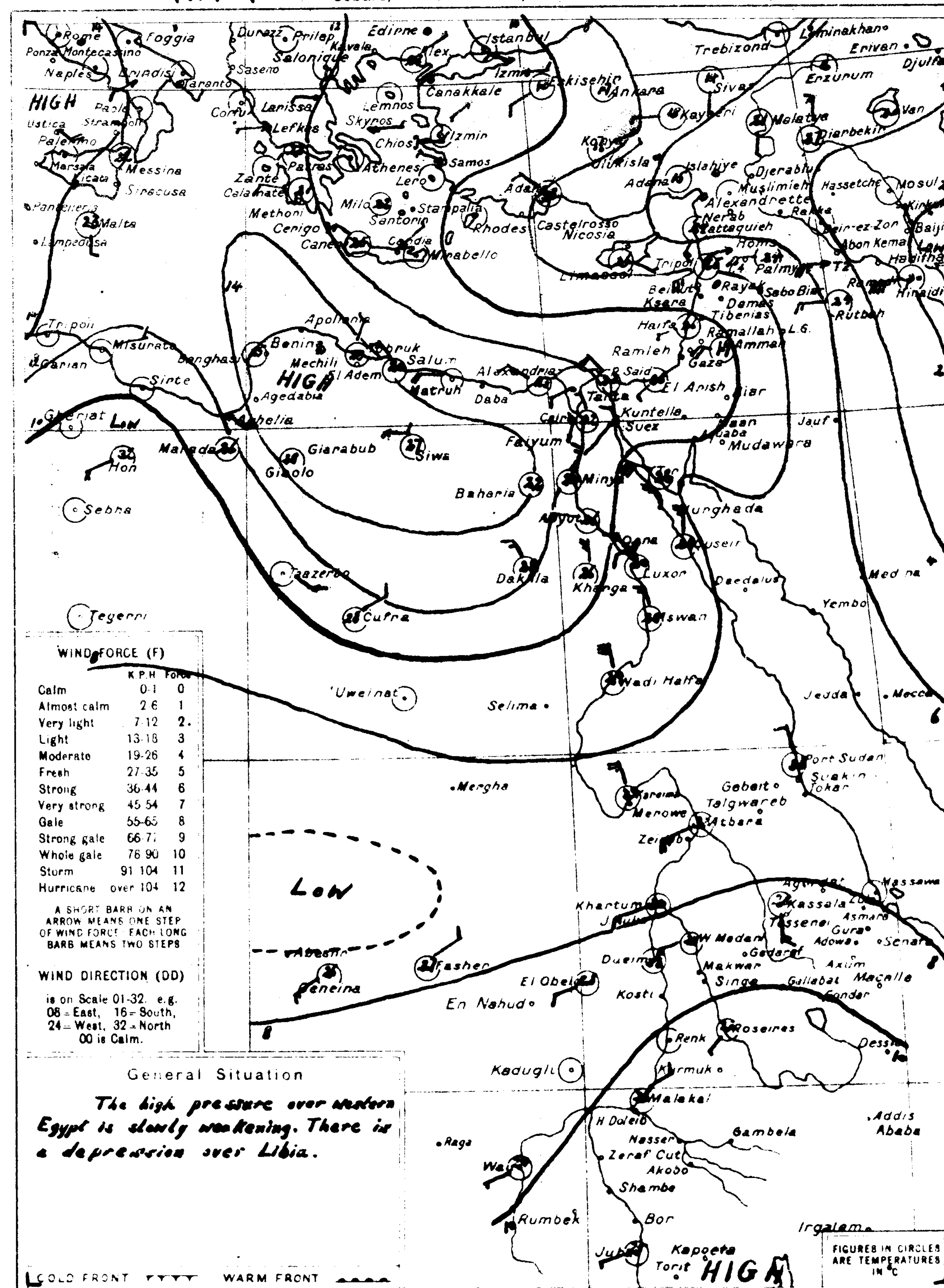
Isobars, Wind and Temperature at 8 h. 21-6-1939 — ١٩٣٩-٦-٢١



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

WIND DIRECTION (DD) is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The high pressure over western Egypt is slowly weakening. There is a depression over Libia.

COLD FRONT — WARM FRONT

SCALE 1:15 000 000 — Kms.

At 8 h. on 21-6-39 — الساعة ٨ يوم ٢١-٦-١٩٣٩

STATION	ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	10	1	0	—	—	7.1	-2.7	26	—	—	—	—	—	0	610	462
Haifa	01	—	32	1	—	3	—	10.7	—	26.0	28	—	22	—	68	0	659	646
Gaza	01	5	32	2	1	3	Sc	11.8	+2.2	24	—	—	—	—	—	—	—	376
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30° E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83-84
,, of Sleet	85-86
,, of Hail	87-89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 — ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 54 m
" " Sunset 18 h 59 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 21-6 الساعة ١٤ يوم ٢١/٦ — At 8 h. on THURSDAY 22nd الساعة ٨ يوم الخميس ٢٢

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
SALÛM	00	8	04	3	0	0	—	12.6	23.7	72
MATRÛH	00	7	30	4	0	0	—	11.9	23.4	74
DIKHEILA	01	8	28	4	1	1	Cu	12.7	24.1	85
ALEXANDRIA	00	9	28	3	0	0	—	11.9	24.7	73
DAMIETTA										
PORT SAID	00	8	28	2	0	0	—	11.0	29.4	69
EL ARISH	00	7	28	3	0	0	—	9.1	26.9	65
DAMANHUR										
MANSURA										
TANTA	00	7	28	4	0	0	—	9.6	32.5	39
ZAGAZIG	00	8	28	1	0	0	—	9.8	32.5	36
ALMAZA	00	8	30	1	0	0	—	11.1	31.6	34
EZBEKIYA	00	9	30	3	0	0	—	10.2	33.4	33
GIZA	00	9	26	1	0	0	—	9.8	33.0	41
HELWAN	00	8	28	3	0	0	—	10.2	31.6	26
SUEZ	00	9	32	2	0	0	—	9.5	31.6	33
FAIYÛM	00	8	30	3	0	0	—	10.3	32.8	27
MINYA	00	7	32	3	1	0	—	9.9	32.7	28
ASYÛT	00	7	30	4	0	0	—	8.4	34.0	22
QENA	00	8	02	2	0	0	—	6.6	37.6	19
LUXOR	00	8	32	1	0	0	—	6.3	37.5	23
ASWAN	00	7	32	3	0	0	—	4.8	38.3	24
SIWA	00	8	00	0	0	0	—	13.1	35.0	46
BAHARIYA	00	9	32	1	0	0	—	10.6	34.0	22
KHARGA	00	8	32	3	0	0	—	8.7	34.6	30
DAKHLA	01	7	30	5	1	3	Ci	10.6	35.0	35
TOR	00	5	28	6	0	0	—	6.2	29.0	74
HURGHADA	00	9	32	4	0	0	—	7.5	30.2	44
QUSEIR	00	7	32	3	0	0	—	7.8	29.4	56

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
SALÛM	01	8	32	2	0	1	Cu	9.9	-2.5	22.4	25		16		55	0	82	—	130
MATRÛH	00	7	28	1	0	0	—	9.3	-2.8	23.9	24	-4	17	-2	40	0	122	160	131
DIKHEILA	01	7	22	2	0	3	St	10.2	—	22.0	24		18		77	0	94	—	150
ALEXANDRIA	01	9	00	0	2	4	Sc	9.6	-2.0	23.0	27	-2	20	-1	77	0	166	185	132
DAMIETTA	00	7	20	1	0	0	—	9.3	—	24.3	28		19		81	0	70	107	159
PORT SAID	01	7	20	2	1	3	Cs	9.5	-0.8	23.8	30	0	21	-1	86	0	64	81	134
EL ARISH	00	7	00	0	0	0	—	9.1	—	26.1	28		16		71	0	130	93	135
DAMANHUR	00	8	22	3	0	0	—	9.8	-1.5	24.3	30	-3	17	-1	73	0	29	103	136
MANSURA	01	8	28	1	1	3	Sc	9.5	—	22.5	33	-2	18	-1	83	0	46	55	137
TANTA	00	7	00	0	0	0	—	9.6	-2.1	23.5	33	-2	16	-3	79	0	41	43	138
ZAGAZIG	00	7	26	1	4	0	—	9.9	—	23.9	33	-1	17	-1	78	0	31	29	139
ALMAZA	05	6	00	0	0	0	—	10.7	—	23.2	33		19		74	0	18	—	141
EZBEKIYA	05	5	28	1	0	0	—	9.4	-1.5	24.8	35	0	20	0	69	0	23	28	—
GIZA	05	5	00	0	0	0	—	9.4	-2.1	23.2	34	-1	17	-1	83	0	23	28	—
HELWAN	05	6	00	0	0	0	—	9.3	-2.1	23.9	33	-2	18	-2	61	0	26	29	143
SUEZ	00	7	32	2	0	0	—	9.0	-1.3	23.8	33	-2	21	-1	79	0	27	18	144
FAIYÛM	00	8	30	2	0	0	—	9.8	-1.6	24.6	35	-1	17	-3	64	0	7	8	153
MINYA	00	7	30	2	0	0	—	9.0	+1.2	25.0	34	-3	19	-2	54	0	4	—	154
ASYÛT	00	6	26	3	0	0	—	9.0	+1.2	26.0	35	-2	20	-2	52	0	2	4	155
QENA	00	8	26	2	0	0	—	7.5	+0.6	28.7	40	-1	23	0	38	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	7.8	—	32.0	39		19		33	0	dr	—	157
ASWAN	00	7	32	3	0	0	—	7.0	-1.3	29.4	40	-2	25	0	42	0	1	—	158
SIWA	00	8	00	0	0	0	—	9.3	+2.5	28.0	39	+2	16	-4	70	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.9	—	27.5	35		17		35	0	1	—	149
KHARGA	00	8	00	0	0	0	—	8.6	-0.4	28.2	36	-4	20	-3	38	0	dr	tr	151
DAKHLA	00	8	28	2	0	0	—	—	—	28.1	36	-4	23	0	37	0	dr	—	152
TOR	00	6	28	5	0	0	—	6.2	-1.3	27.0	32	-2	25	+2	84	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	6.6	-1.6	30.1	32	-2	22	-2	47	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	6.7	-1.1	30.0	32	-2	25	-1	51	0	tr	6	147
PORT SUDAN	00	—	04	2	0	0	—	6.2	+0.3	33.3	37	-2	27	-1	36	0	81	109	169
WADI HALFA	00	8	30	4	0	0	—	6.8	-1.7	28.2	40	-1	22	-1	27	—	—		165
KAREIMA	05	7	30	3	0	0	—	7.1	-0.9	32.2	42	-1	23	-3	14	0	3	4	166
ATBARA	00	—	16	3	0	0	—	6.4	-0.4	32.3	43	+1	28	+2	37	0	6	10	167
KHARTUM	04	7	16	2	0	2	Ac	6.3	-2.1	31.3	43	+3	27	+1	37	0	15	14	168
KASSALA	02	8	14	3	1	5	Ac	9.2	-1.6	27.0	38	0	25	+1	49	tr	40	47	170
WAD MEDANI	02	—	16	5	0	4	—	8.3	-0.8	28.8	39	+1	25	+2	53	0	79	54	171
DUEIM	00	—	—	3	0	0	—	8.7	-0.9	29.6	39	0	25	+1	67	0	66	39	173
RENK																		—	182
ROSEIRES	02	—	14	1	1	4	—	10.4	-0.9	24.5	34	0	22	0	74	0	137	192	172
EL OBEID	03	8	22	4	0	8	Ac	8.5	-2.1	26.8	36	-1	24	+2	69	0	50	57	174
EL FASHER	02	8	28	3	1	6	Ac,As	—	—	25.5	38	0	22	0	36	0	17	28	175
GENEINA	03	8	08	1	1	6	Ac	—	—	24.2	40	—	19	—	53	0	54	—	179
KADUGLI																		—	187
MALAKAL	03	8	14	3	2	6	Ac,As	10.0	-2.0	24.6	34	+2	19	-2	76	tr	304	313	176
WAU	03	—	24	1	2	7	—	10.0	-1.0	24.7	34	+1	22	+1	79	0	421	498	177
JUBA	01	8	00	0	0	2	Ac	11.2	-1.3	24.0	32	0	21	+1	83	0	563	507	178

UPPER WINDS 22nd

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM 7 h	MATRÛH 7 h	DIKHEILA 7 h	CAIRO 8 h	HELWAN 8 h 30 m	ASYÛT 7 h	ASWAN 7 h	WADI HALFA 3 h	KAREIMA 7 h	KHARTÛM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	SALUM ZAC 13 h
02.36.05	02.28.05	02.28.05	02.01.15	02.35.05	02.34.10	02.36.30	03.02.10	06.02.50	06.17.30	06.18.35	07.25.40	06.19.25		02.04.10
05.04.—	05.00.00	04.29.05	05.01.10	05.04.10	05.35.35	05.02.30	06.01.45	10.02.40	10.24.05	10.19.30	10.27.50	10.20.25		05.32.15
10.13.05	10.33.15	05.03.10	10.33.25	08.33.10	10.35.50	10.04.25	10.01.25	15.34.25	15.01.20	15.25.30	15.36.30	15.20.20		10.29.25
11.18.10	15.30.25	10.33.20	15.34.45	10.38.20	15.36.50	15.02.35	15.02.25	20.32.25	16.11.60	20.26.15	20.02.25	20.11.15		15.31.50
15.23.20	20.27.35	15.33.15	20.34.50	15.33.50	20.35.65	20.34.15	20.01.25	30.35.20		30.31.10	30.06.20	30.09.05		20.31.45
20.24.35		19.32.55		20.33.50		25.36.15	28.02.15	40.35.15			40.04.05	40.04.15		25.32.50
25.26.30				25.33.60		30.32.15		50.32.05				50.08.15		26.32.45
30.25.45				28.33.55								60.04.30		
34.26.40				29.33.60								63.06.25		

Forecast for 24 hours from noon on 22nd
On the coast moderate northwesterly winds.
Inland light to moderate winds chiefly northwest to north.
Mainly clear.
Slightly warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٢
على السواحل رياح معتدلة شمالية غربية
وفي الداخل رياح بين الخفيفة والمعتدلة اكثرها بين
شمالية غربية وشمالية
السماء صحو على العموم
ترتفع درجة الحرارة قليلاً

STATION	Mean of day Humidity % on 21st	Diff from normal	Wet bulb temp. on 21st	Diff from normal
Alexandria	74	+1	20.5	-0.3
Ezbekiya	56	0	20.8	-0.8
Giza	66	+11	21.9	+1.1
Helwan	49	+7	18.9	+0.7

Giza grass minimum on 22nd 11.8°C

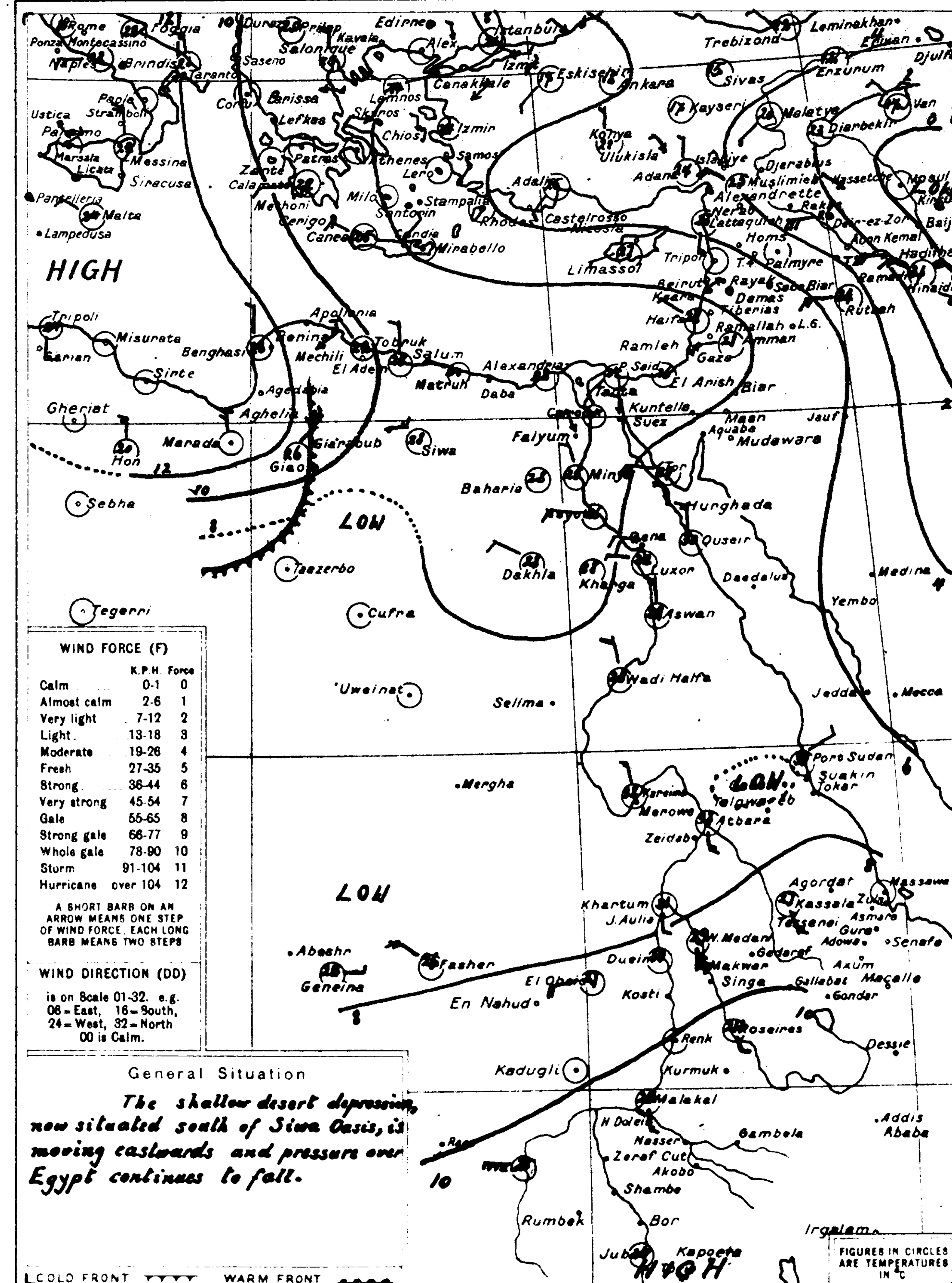
Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1936
22-6	1713	1389
21-6	1713	1389

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	21-6	13.20	-0.30	13.22	-0.28
Nasser	21-6	8.61	+0.44	8.60	+0.48
Malakal	21-6	11.34	+0.44	11.32	+0.44
Roseires	22-6	13.85	+0.45	13.78	+0.39
Sennar Res	21-6	7.04	—	7.17	—
J. Aulia U S	21-6	372.10	—	372.08	—
J. Aulia D S	21-6	371.48	+0.12	371.45	+0.11
Khartum	22-6	11.10	-0.05	11.08	-0.04
Kh el Girba	21-6	10.99	-0.28	10.85	-0.32
Atbara	21-6	10.62	+0.19	10.57	+0.17
Kajarti	21-6	132.65	+0.30	132.70	+0.38
Aswan Res	22-6	112.95	—	113.17	—
Aswan D S	22-6	87.08	+0.67	87.00	+0.61
Roda (Cairo)	22-6	15.95	+0.38	15.95	+0.39

Printed by the Survey & Mines Dept.

Isobars, Wind and Temperature at 8 h. 22-6-39 ٢٢-٦-٣٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

The shallow desert depression, now situated south of Siwa Oasis, is moving eastwards and pressure over Egypt continues to fall.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 22-6-39 الساعة ٨ يوم ٢٢-٦-٣٩

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff from norm °C	Min. Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	6	22	1	0	0	—	6.3	-3.4	27	—	—	—	—	—	0	610	462
Haifa	02	—	26	1	—	4	—	9.0	+0.9	26.6	28	-2	22	+1	60	0	659	646
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04h 54m
" " Sunset 18h 57m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 23rd — الساعة ١٤ يوم ٢٢

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
SALÛM	00	8	02	5	0	0	—	9.0	26.2	57
MATRÛH	00	7	30	3	0	0	—	8.8	24.4	67
DIKHEILA	01	8	28	3	1	1	St	9.4	23.8	88
ALEXANDRIA	00	9	28	3	0	0	—	8.8	25.1	76
DAMIETTA										
PORT SAÎD	00	8	04	2	0	0	—	8.6	29.2	60
EL 'ARÎSH	00	7	30	4	0	0	—	8.6	—	—
DAMANHÛR										
MANSÛRA										
TANTA	00	7	00	0	0	0	—	7.5	33.0	33
ZAGAZÎG	00	9	30	1	0	0	—	7.4	33.1	36
ALMÂZA	00	8	28	2	0	0	—	6.7	33.1	36
EZBEKIYA	00	9	00	0	0	0	—	7.6	34.3	26
GIZA	00	9	32	1	0	0	—	7.1	33.4	30
HELWÂN	00	8	26	2	0	0	—	6.8	33.2	20
SUEZ	00	9	02	3	0	0	—	7.1	32.8	32
FAIYÛM	00	8	30	2	0	0	—	7.8	34.4	20
MINYA	00	8	28	3	0	0	—	7.1	35.4	22
ASYÛT	00	7	26	3	0	0	—	6.2	37.1	17
QENA	00	8	20	2	0	0	—	5.1	38.9	22
LUXOR	00	8	30	2	0	0	—	5.1	38.8	18
ASWÂN	00	7	30	1	0	0	—	3.9	39.7	08
SIWA	00	8	22	5	0	0	—	6.3	42.0	18
BAHARIYA	00	9	00	0	0	0	—	7.0	39.0	21
KHARGA	00	8	04	3	0	0	—	5.9	38.1	25
DAKHLA	00	8	28	3	0	0	—	7.9	40.0	23
TOR	00	6	28	5	0	0	—	4.3	32.5	75
HURGHADA	00	9	04	2	0	0	—	5.8	31.2	56
QUSEIR	00	7	02	3	0	0	—	6.0	31.4	52

At 8 h. on Friday 23rd — الساعة ٨ يوم الجمعة ٢٣

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALÛM	00	8	28	4	0	0	—	9.8	-2.9	21.4	28	—	18	—	78	0	82	—	130
MATRÛH	02	7	26	4	2	5	Cu.	8.4	-3.7	22.5	25	-3	18	-1	81	0	122	160	131
DIKHEILA	02	8	26	3	1	5	Sc.	8.0	—	23.4	25	—	19	—	90	0	94	—	150
ALEXANDRIA	02	9	28	2	2	4	Ac.	7.6	-4.0	23.4	27	-2	21	0	80	0	166	185	132
DAMIETTA	01	8	26	1	0	1	Ac.	6.8	—	25.8	30	—	21	—	78	0	70	107	159
PORT SAÎD	00	8	04	1	0	0	—	7.1	-3.1	26.2	31	+1	22	0	78	0	64	81	134
EL 'ARÎSH	00	7	00	0	0	0	—	6.8	—	28.2	—	—	16	—	70	0	120	93	135
DAMANHÛR	00	7	28	3	0	0	—	7.8	-3.4	26.2	33	0	18	0	67	0	29	103	136
MANSÛRA	00	8	32	2	0	0	—	7.0	—	25.9	35	0	20	+1	61	0	46	55	137
TANTA	00	7	00	0	0	0	—	7.2	-4.4	26.0	34	-1	18	-1	66	0	41	43	138
ZAGAZÎG	00	9	30	2	0	0	—	7.2	—	26.7	34	0	18	0	61	0	31	29	139
ALMÂZA	05	6	00	0	0	0	—	—	—	25.6	35	—	21	—	57	0	18	—	141
EZBEKIYA	00	6	30	1	0	0	—	6.8	-4.0	26.7	37	+2	21	+1	58	0	23	28	—
GIZA	00	6	30	1	0	0	—	6.6	-4.9	26.0	35	0	18	0	68	0	23	28	—
HELWÂN	05	6	28	3	0	0	—	6.3	-1.5	25.9	35	0	21	+1	44	0	26	29	143
SUEZ	00	7	00	0	0	0	—	6.4	-3.8	27.4	34	-1	21	-1	62	0	27	18	144
FAIYÛM	00	8	32	3	0	0	—	6.8	-4.5	28.0	38	+1	19	-1	51	0	7	8	153
MINYA	00	6	04	2	0	0	—	5.6	-4.6	30.8	38	+1	21	+1	26	0	4	—	154
ASYÛT	00	7	12	3	0	0	—	5.8	-4.3	29.6	39	+2	22	0	36	0	2	4	155
QENA	00	8	32	2	0	0	—	5.9	-2.2	29.0	42	+1	23	0	40	0	dr.	—	156
LUXOR	01	8	22	1	1	3	Ac.	6.4	—	31.3	42	—	22	—	35	0	dr.	—	157
ASWÂN	00	7	00	0	0	0	—	5.9	-2.3	31.4	40	-2	26	+1	35	0	1	—	158
SIWA	00	8	00	0	0	0	—	10.4	-1.8	24.0	43	+6	20	0	75	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	7.0	—	27.5	40	—	21	—	47	0	1	—	149
KHARGA	00	8	00	0	0	0	—	6.3	-2.7	30.4	40	0	20	-3	34	0	dr.	—	151
DAKHLA	00	6	00	0	0	0	—	7.5	-2.7	30.8	40	0	20	-3	33	0	dr.	—	152
TOR	00	6	28	2	0	0	—	5.4	-2.0	28.0	35	+1	24	+1	85	0	20	18	145
HURGHADA	00	9	06	1	0	0	—	6.3	-1.8	31.9	35	+1	24	0	42	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	6.2	-1.5	31.9	32	-2	27	+1	42	0	[illegible]	6	147
PORT SUDAN	00	—	02	2	0	0	—	6.4	+0.6	33.7	35	-4	27	+1	41	0	81	109	169
WADI HALFA	00	8	02	2	0	0	—	5.9	-2.5	29.1	42	+1	21	-2	19	—	—	—	165
KAREIMA	00	8	32	2	0	0	—	6.7	-1.3	32.1	42	-1	25	-1	11	0	3	4	166
ATBARA	00	—	20	2	0	0	—	—	—	32.8	42	0	25	-1	34	0	6	10	167
KHARTUM	01	8	20	3	0	1	Ac.	6.7	-1.7	32.0	43	+3	26	0	38	0	15	14	168
KASSALA	01	8	16	3	1	4	Ac.	7.4	-2.5	29.0	36	-2	27	+3	46	0	40	48	170
WAD MEDANI	00	—	18	5	0	0	—	8.3	-0.8	30.5	39	0	22	-1	46	0	79	56	171
DUEIM	00	—	—	3	0	0	—	8.6	-1.1	31.0	40	+1	25	+1	51	0	66	40	173
RENK									—		—		—						182
ROSEIRES	00	—	14	1	0	0	—	9.8	-1.6	27.2	31	-3	24	+2	61	0	137	196	172
EL OBEID	00	8	22	3	0	0	—	9.1	-2.6	28.4	38	+1	25	+3	57	0	60	58	174
EL FASHER	01	8	12	2	0	3	Ac	—	—	24.8	38	0	20	-2	54	dr.	17	28	175
GENEINA	01	8	24	3	1	3	Ac, Ac	—	—	24.5	38	—	20	—	54	0	64	—	179
KADUGLI																		—	187
MALAKAL	03	8	18	3	2	6	Ac, Ac	10.8	-1.2	24.3	32	0	23	+2	87	dr.	304	318	176
WAU	02	—	20	3	1	7	—	10.5	-0.5	23.4	32	-1	21	0	81	3	424	503	177
JUBA	81	7	20	3	6	7	Cu, Cb	14.1	+1.5	21.4	33	+1	21	+1	91	8	571	512	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS — ٢٢ يوم

SALÛM 7 h	MATRÛH	DIKHEILA 7 h	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA 7 h	KAREIMA 7 h	KHARTÛM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	Salum 23rd 13 h
02 32 30		01 30 20					03 05 25	06 01 25	06 22 40	06 18 25	07 24 30	06 22 25		02 02 20
05 30 —		02 29 20					06 04 50	10 01 35	10 32 40	10 20 40	10 25 05	10 20 26		05 34 15
10 21 10		04 29 20					10 04 50	15 01 60	15 33 30	15 23 35	15 30 20	15 19 20		10 35 20
15 31 30							15 03 30	20 35 35	20 32 20	20 23 15	20 01 25	20 20 16		15 18 16
20 29 40							20 03 30		25 34 25	30 30 10	30 04 25	30 06 15		20 21 20
25 30 35							27 02 60		30 34 15	40 32 10	36 07 20	40 04 30		25 21 20
30 28 40									40 30 15	44 32 10		47 06 30		30 27 40
35 28 25									50 13 10					35 26 20
									60 12 20					40 29 25
														45 28 40

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	77	+4	21.1	+0.3
Ezbekiya	52	-4	20.8	-0.8
Giza	62	+7	21.0	+0.2
Helwân	37	-5	18.3	+0.1

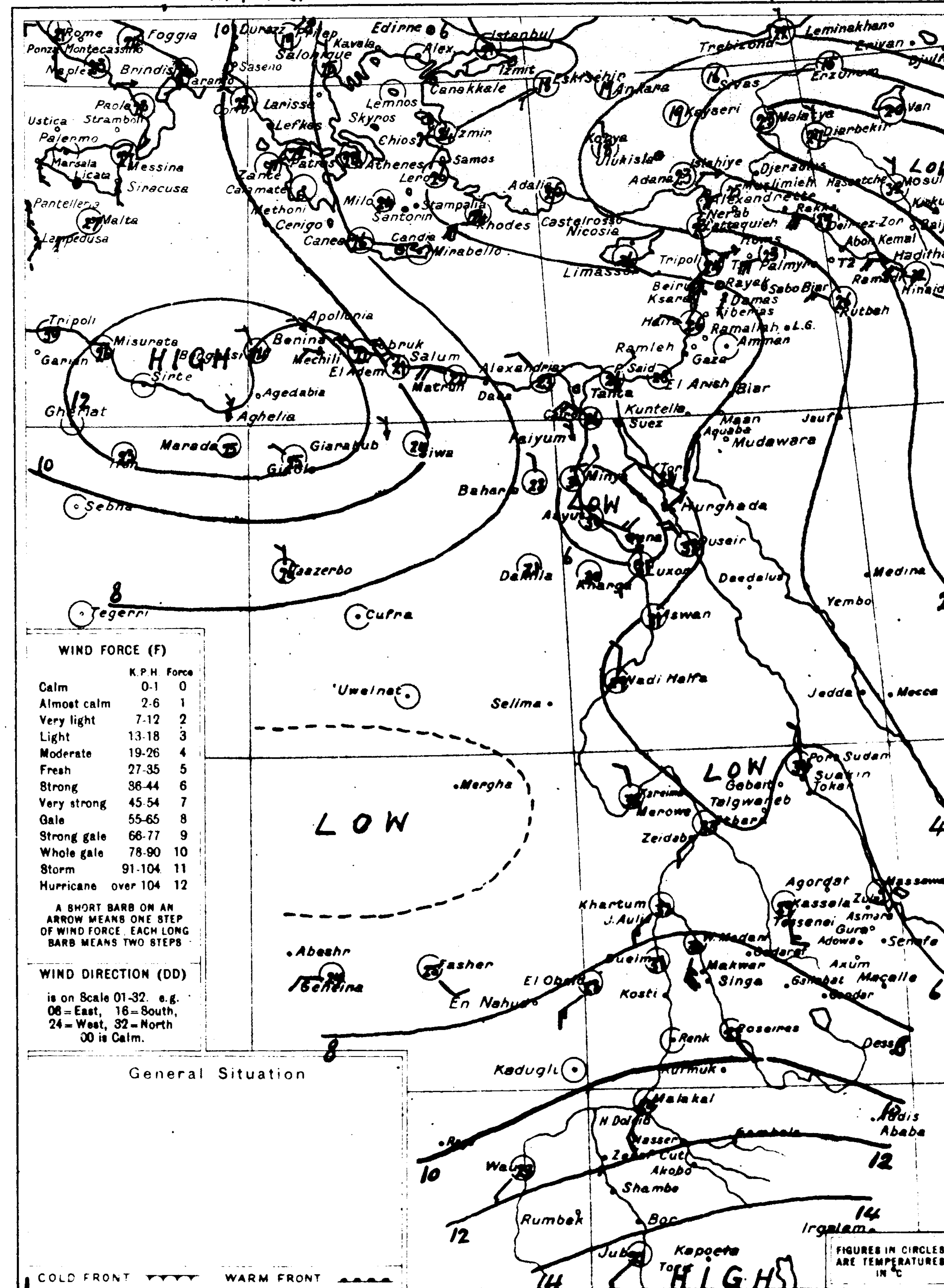
Giza Grass minimum on 23rd 12.4°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
23-6	1736	1388
22-6	1713	1389

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-6	13.20	-0.30	13.22	-0.28
Nasser	21-6	8.61	+0.44	8.60	+0.48
Malakal	21-6	11.34	+0.44	11.32	+0.44
Roseires	22-6	13.85	+0.05	13.78	+0.39
Sennâr Res	22-6	7.02	—	6.96	—
J. Aulia U S	21-6	372.10	—	372.08	—
J. Aulia D S	21-6	371.98	+0.12	371.95	+0.11
Khartûm	22-6	11.10	-0.05	11.08	-0.04
Kh. el Girba	21-6	10.39	-0.22	10.25	-0.38
Atbara	21-6	10.62	+0.19	10.57	+0.17
Kajnarti	23-6	122.60	+0.12	122.60	+0.22
Aswân Res	23-6	112.65	—	112.93	—
Aswân D.S	23-6	87.10	+0.62	87.08	+0.67
Rôda (Cairo)	22-6	15.93	+0.38	15.93	+0.39

Isobars, Wind and Temperature at 8 h. 23-6-1939 ١٩٣٩-٦-٢٣



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 23rd — الساعة ٨ يوم ٢٣-٦

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff from norm. °C	Min. Today °C mm	Diff from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	09	6	10	1	0	0	—	5.4	-4.1	26	—	—	—	—	—	0	610	462
Haifa	00	—	26	1	—	0	—	7.6	-0.4	26.0	28	-2	19	-2	55	0	589	546

SHIPS

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Printed by the Survey & Mines Dept. 1938 (38-554)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h. 54 m.
" " Sunset 19 h. 00 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

Month JUNE 1939 ١٩٣٩ شهر يونيه

DAILY WEATHER REPORT

٢٤-٦-٣٩

At 14 h. on 23-6 / الساعة ١٤ يوم ٢٣/٦ — At 8 h. on SATURDAY 24th / الساعة ٨ يوم السبت ٢٤

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. press. PPP	14h Temp. °C TTT	14h % Humidity UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h M.S.L. PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
[illegible]	00	8	30	4	0	0	—	9.0	28.0	50	00	8	28	4	0	0	—	10.4	-1.7	24.7	29	—	18	—	41	0	82	—	130
[illegible]	02	7	28	4	2	5	Cu	8.8	24.4	71	01	7	26	4	0	2	Cu	9.8	-2.2	22.4	25	-3	21	+1	82	0	122	160	131
[illegible]											01	8	30	2	1	3	Cu	10.2	—	23.0	24	—	21	—	86	0	94	—	150
[illegible]	00	9	30	4	0	0	—	8.0	24.6	75	02	9	30	2	2	4	Ac	9.8	-1.6	23.3	27	-2	21	0	75	0	166	185	132
DAMIETTA											00	8	20	1	0	0	—	8.4	—	25.0	29	—	20	—	76	0	70	107	159
PORT SAÏD	00	8	04	2	0	0	—	7.8	29.0	69	01	8	04	2	0	2	Cs	9.6	-0.5	24.8	30	0	22	0	79	0	64	81	134
EL'ARÎSH	00	7	32	3	0	0	—	10.6	28.8	68	01	7	00	0	1	3	Cu	9.1	—	27.8	32	—	21	—	64	0	130	93	135
DAMANHUR											01	7	02	2	1	2	Cu	9.8	-1.3	26.0	30	-3	18	0	69	0	29	103	136
MANṢURA											01	8	24	1	1	3	Sc	9.5	—	24.5	34	-1	18	-1	72	0	46	55	137
TANTA	00	7	00	0	0	0	—	7.0	33.0	34	02	7	00	0	2	5	Ac	9.6	-1.9	24.0	34	-1	17	-2	72	0	41	43	138
[illegible]ÂZIC	00	9	30	2	0	0	—	6.8	34.8	35	01	8	30	1	1	3	Cs	9.5	—	24.9	35	+1	18	0	72	0	31	29	139
ALMAZA	00	8	06	1	0	0	—	7.4	34.8	33	02	6	02	1	2	4	Cu	9.1	—	23.2	36	—	20	—	72	0	18	—	141
EZBEKIYA	00	8	28	2	0	0	—	6.0	36.8	28	02	6	02	3	1	4	Cu	9.3	-1.4	23.5	37	+2	21	+1	72	0	23	28	—
GIZA	00	9	32	1	0	0	—	5.9	34.7	34	02	6	32	2	2	4	Cu	9.4	-2.0	22.3	36	+1	19	+1	77	0	23	28	—
HELWAN	05	6	28	4	0	0	—	5.1	35.1	22	05	6	30	3	0	0	—	8.7	-2.6	23.0	36	+1	19	-1	66	0	26	29	143
SUEZ	00	9	04	2	0	0	—	4.8	36.0	27	01	6	30	2	0	1	Cu	9.0	-1.0	24.1	38	+3	21	-1	76	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	5.0	37.5	18	00	8	32	3	0	0	—	9.1	-2.2	23.2	39	+2	19	-1	69	0	7	8	153
MINYA	00	7	30	2	0	0	—	3.9	38.8	19	00	5	30	3	0	0	—	8.6	-1.5	24.5	41	+4	21	+1	64	0	4	—	154
ASYUT	00	7	22	3	0	0	—	3.4	40.8	14	00	6	22	3	0	0	—	7.8	-2.2	28.0	41	+4	21	-1	51	0	2	4	155
QENA	00	8	24	2	0	0	—	4.8	40.0	09	00	8	22	4	0	0	—	6.2	-1.8	28.8	42	+1	25	+2	47	0	dr	—	156
LUXOR	00	8	16	1	0	0	—	4.6	40.9	19	00	8	14	1	0	0	—	6.3	—	33.5	43	—	22	—	40	0	dr	—	157
ASWAN	00	7	22	2	0	0	—	3.8	41.3	12	00	7	30	2	0	0	—	5.8	-2.4	30.5	42	0	28	+3	37	0	1	—	158
SIWA	00	8	00	0	0	0	—	9.4	33.0	53	00	8	00	0	0	0	—	12.2	+0.5	24.0	—	—	17	-3	75	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	5.5	37.0	26	00	9	00	0	0	0	—	10.0	—	24.0	37	—	19	—	67	0	1	—	149
KHARGA	00	8	16	2	0	0	—	3.1	40.8	21	00	8	32	2	0	0	—	7.6	-1.3	29.7	43	+3	25	+2	38	0	dr	Tr	151
DAKHLA	05	5	28	4	0	0	—	6.6	38.8	17	00	8	30	1	0	0	—	9.6	-0.6	30.0	40	0	23	0	26	0	dr	—	152
TOR	00	6	24	2	0	0	—	3.9	32.1	66	00	6	28	4	0	0	—	5.5	-1.8	27.1	34	0	21	-3	83	0	20	13	145
HURGHADA	00	9	06	2	0	0	—	4.6	34.8	28	00	9	30	4	0	0	—	6.3	-1.7	29.4	36	+2	24	0	58	0	1	—	146
QUSEIR											00	7	32	3	0	0	—	5.5	-2.1	36.8	34	0	26	0	56	0	tr	6	147
PORT SUDAN											00	—	20	2	0	0	—	6.0	+0.3	34.2	39	0	27	+1	24	0	81	109	169
WADI HALFA											00	8	32	3	0	0	—	6.7	-1.7	31.7	44	+3	26	+3	24	—	—	—	165
KAREIMA											05	7	02	2	0	0	—	6.5	-1.5	31.8	43	0	28	+2	14	0	3	4	166
ATBARA											00	—	18	4	0	0	—	5.9	-0.9	33.0	44	+2	26	0	33	0	6	10	167
KHARTUM											02	7	20	3	1	5	Cs	7.2	-1.2	31.6	43	+3	27	+1	38	0	15	14	168
KASSALA											01	8	16	3	1	4	Ci	8.2	-1.7	26.3	38	0	23	-1	62	16	56	49	170
WAD MEDANI											02	—	18	6	0	4	—	8.6	-0.6	29.6	40	+1	28	+5	52	0	79	57	171
DUEIM											00	—	—	3	0	0	—	8.7	-1.0	29.4	40	+1	26	+2	57	0	66	41	173
RENK																			—		—			—				—	182
ROSEIRES											00	—	14	1	5	0	—	11.9	+0.5	28.0	35	+1	19	-2	43	12	149	200	172
EL OBEID											12	7	18	5	0	2	Ac	8.0	-2.8	26.7	38	+1	24	+2	63	2	52	59	174
EL FASHER											01	8	14	1	1	4	Ac	—	—	26.4	39	+1	24	+2	48	0	17	29	175
GENEINA											01	8	28	2	1	4	AcAs	—	—	25.0	37	—	21	—	61	0	54	—	179
KADUGLI																												—	187
MALAKAL											51	8	18	3	8	7	AcAs	11.1	-1.0	24.5	32	0	24	+3	84	dr	304	323	176
WAU											03	—	16	2	1	7	—	9.9	-1.1	25.4	32	-1	23	+2	77	0	424	509	177
JUBA											03	8	20	1	0	6	Ac	11.8	-0.8	23.9	26	-6	21	+1	83	2	573	516	178

UPPER WINDS 24th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 3h	KAREIMA 7h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	Geneina 5h
02.33.25	02.30.25	02.33.15	02.03.15	02.02.25	02.36.25	02.34.20	02.02.35	06.03.35	06.21.35	06.19.25	07.23.25	06.21.25		15.23.35
05.35.40	05.35.25	05.32.10	05.01.10	05.02.30	05.36.45	05.34.25	06.01.45	10.03.45	10.25.45	10.22.30	10.24.65	10.20.35		20.01.20
10.35.30	10.01.15	08.06.10	10.36.10	08.02.15	10.34.05	10.34.30	10.36.55	15.03.46	15.33.15	15.25.35	15.27.35	15.19.15		30.03.40
15.34.45	15.36.20	10.08.20	15.25.10	10.32.05	15.35.40	15.28.25	15.35.25	20.33.70	20.29.20	20.26.40		20.19.15		40.04.35
20.33.45	ent. Cu	15.02.15	20.23.15	15.20.10	20.36.30	20.29.35	20.32.15	30.04.25	30.27.20	30.35.20		30.04.20		48.05.35
25.34.00		20.31.05	25.26.15	20.24.25		25.29.35	27.31.10	40.04.25	39.29.30	40.06.30		40.04.25		
28.33.50		25.32.15	30.28.20	23.24.20						50.07.20		43.05.20		
		ent. Cu.		25.22.20						53.08.15				
				30.27.15										
				35.30.15										

Forecast for 24 hours from noon on 24th

Forecasts will not be issued during the summer unless exceptional weather is expected.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٤

لا تصدر التنبؤ بحال الطقس في فصل الصيف إلا إذا كانت حالة جوية غير عادية.

Mean of day

STATION	Humidity % on 23rd	Diff. from normal	Wet bulb temp °C on 23rd	Diff. from normal
Alexandria	79	+6	21.0	+0.1
Ezbekiya	49	-7	21.3	-0.4
Giza	57	+1	21.5	+0.7
Helwan	38	-4	19.5	+1.2

Giza grass minimum on 24th 18.F

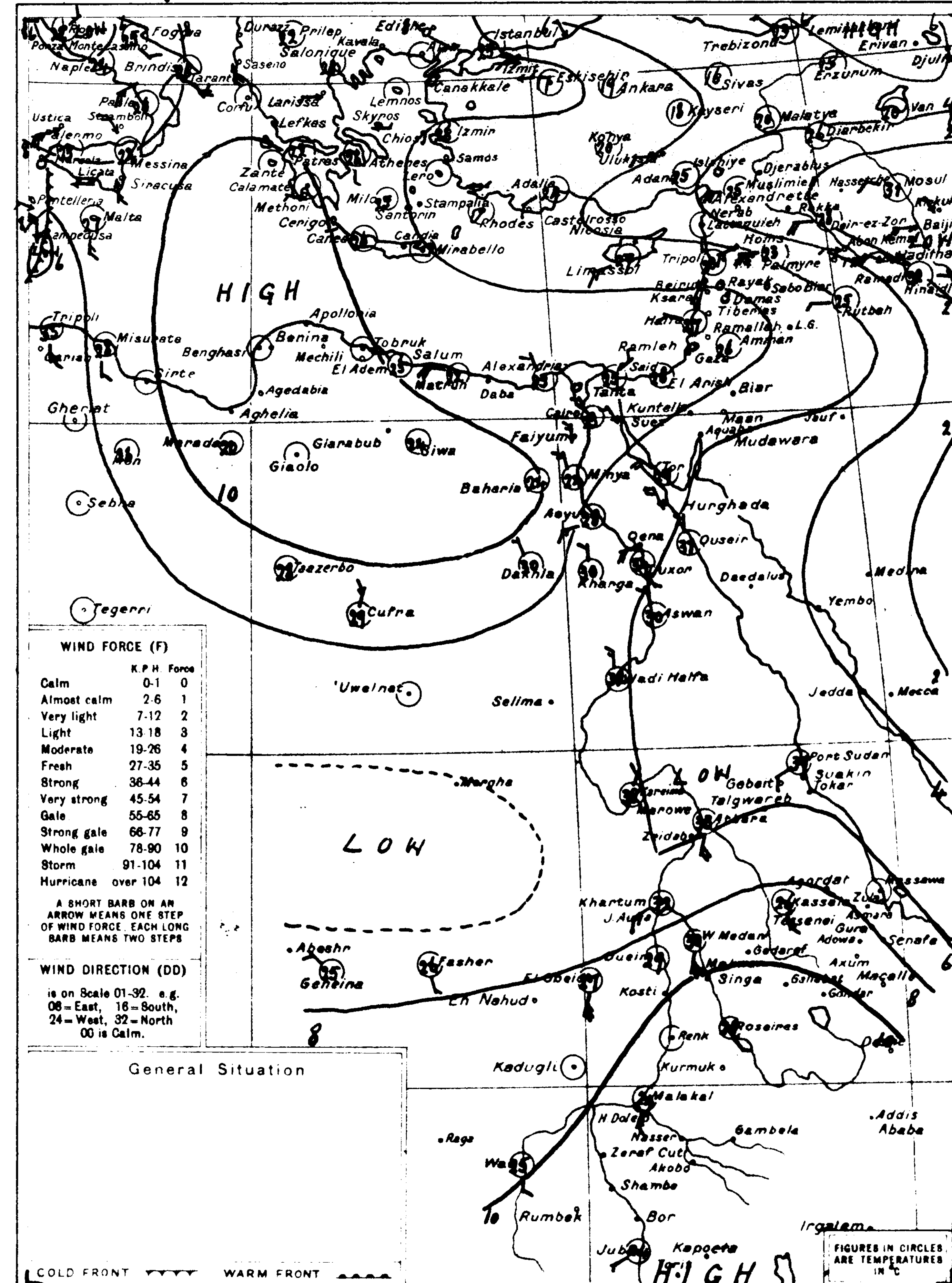
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
24-6	1736	1401
23-6	1736	1388

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	23-6	13.25	-0.25	13.20	-0.30
Nasser	23-6	8.70	+0.44	8.66	+0.44
Malakal	23-6	11.36	+0.40	11.34	+0.42
Roseires	24-6	14.44	+0.97	14.38	+0.95
Sennar Res	23-6	7.02	—	6.96	—
J. Aulia U.S	23-6	372.09	—	372.06	—
J. Aulia D.S	23-6	371.53	+0.11	371.50	+0.11
Khartum	24-6	11.32	+0.10	11.20	+0.02
Kh. el Girba	23-6	11.70	+0.43	11.40	+0.16
Atbara	23-6	10.60	+0.11	10.62	+0.16
Kajnarti	23-6	132.60	+0.19	132.60	+0.22
Aswan Res	24-6	112.36	—	112.65	—
Aswan D.S	24-6	87.11	+0.68	87.10	+0.68
Roda (Cairo)	24-6	15.95	+0.40	15.95	+0.40

Printed by the Survey & Mines Dept. 1938 (38/5541)

Isobars, Wind and Temperature at 8 h. 24-6-39.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 24th / الساعة ٨ يوم ٢٤/٦

STATION	ww	V	DD	F	W	N	C	M.S.L. PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	7	22	3	0	0	—	7.0	-2.4	27	—	—	—	—	—	0	610	463
Haifa	00	—	26	1	—	0	—	9.0	+1.1	26.8	30	0	19	-2	57	0	559	647
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 53 m
" " Sunset 19 h 08 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 24-6 الساعة ١٤ يوم ٦/٢٤ — At 8 h. on SUNDAY 25th الساعة ٨ يوم الأحد ٢٥

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN: SALUM	00	9	02	5	0	0	—	11.0	25.8	60	00	7	00	0	0	0	—	14.4	+2.4	23.7	28	—	18	—	79	0	82	—	130
MATRUH	00	7	30	4	0	0	—	10.8	24.4	73	01	7	26	2	0	2	As	14.0	+2.1	22.6	24	-4	17	-3	84	0	122	160	131
DIKHEILA	00	8	32	4	0	0	—	11.0	24.3	89	00	8	32	4	0	0	—	13.3	—	24.4	25	—	22	—	89	0	94	—	150
ALEXANDRIA	00	9	02	2	0	0	—	10.6	25.5	73	00	9	02	2	0	0	—	13.1	+1.8	24.8	27	-2	22	+1	78	0	166	185	132
DAMIETTA											00	8	00	0	0	0	—	11.9	—	26.8	27		22		73	0	70	107	159
PORT SAID	00	8	04	2	1	0	—	9.8	27.8	73	00	8	04	2	0	0	—	13.1	+3.1	25.6	29	-1	23	+1	82	0	64	81	134
EL 'ARISH	00	7	32	3	1	0	—	9.0	26.7	68	00	7	00	0	0	0	—	12.2	—	27.0	28	—	—	—	72	0	130	93	135
EGYPT: DAMANHUR											00	7	32	2	0	0	—	12.4	+1.4	27.0	32	-1	20	+2	67	0	29	103	136
MANSURA											00	8	02	2	0	0	—	12.3	—	26.0	33	-2	19	0	69	0	46	55	137
TANTA	00	7	00	0	0	0	—	8.8	32.0	36	00	7	00	0	0	0	—	12.3	+0.9	26.5	33	-2	17	-2	69	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	8.7	32.9	44	01	7	02	1	4	4	Cc	12.4	—	27.6	33	-1	18	0	68	0	31	29	139
MIDDLE EGYPT: CAIRO ALMAZA	00	8	30	1	0	0	—	9.0	32.0	47	05	6	02	3	1	2	Cu	12.4		25.4	33	—	20	—	71	0	18	—	141
CAIRO EZBEKIYA	00	9	02	2	0	0	—	8.4	33.2	34	01	6	04	3	1	2	Cu	11.8	+1.2	26.2	35	0	20	0	70	0	23	28	—
CAIRO GIZA	00	9	02	1	0	0	—	7.9	31.6	40	01	6	30	1	0	1	Cu	11.9	+0.6	24.9	33	-2	20	+2	77	0	23	28	—
HELWAN	00	7	30	3	0	0	—	7.2	33.2	25	00	6	02	4	0	0	—	11.6	+0.4	25.3	35	0	20	0	55	0	26	29	143
SUEZ	00	9	32	4	0	0	—	7.6	32.1	38	00	8	30	2	0	0	—	11.8	+1.8	25.8	34	-1	21	-1	59	0	27	18	144
UPPER EGYPT: FAIYUM	00	8	32	2	0	0	—	8.2	32.3	29	00	8	32	4	0	0	—	11.5	+0.3	25.5	35	-2	20	0	63	0	7	8	153
MINYA	00	7	32	3	0	0	—	7.8	33.3	30	00	6	02	3	0	0	—	9.6	-0.4	25.5	34	-3	20	0	57	0	4	—	154
ASYUT	00	7	22	4	0	0	—	6.6	34.3	21	00	7	22	3	0	0	—	9.1	-0.9	26.7	36	-1	20	-2	40	0	2	4	155
QENA	00	8	22	1	0	0	—	4.4	39.0	33	00	8	22	2	0	0	—	7.2	-0.7	29.3	40	-1	25	+2	41	0	dr	—	156
LUXOR	00	8	32	2	0	0	—	4.6	40.0	21	00	8	06	1	0	0	—	6.8	—	32.3	41	—	20	—	38	0	dr	—	157
ASWAN	00	7	32	3	0	0	—	4.1	40.7	14	00	7	00	0	0	0	—	7.0	-1.1	31.6	42	0	27	+2	36	0	1	—	158
WESTERN DESERT: SIWA	00	8	06	3	0	0	—	10.6	36.0	25	00	8	00	0	0	0	—	14.3	+2.7	25.0	37	0	17	-3	76	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.0	32.0	38	00	9	08	1	0	0	—	11.4	—	25.5	34	—	20	—	58	0	1	—	149
KHARGA	00	8	04	3	0	0	—	4.8	39.6	24	00	8	32	2	0	0	—	8.4	-0.4	29.6	40	0	23	0	37	0	dr	tr	151
DAKHLA	00	7	30	4	0	0	—	8.8	35.8	17	00	7	02	4	0	0	—	11.0	+0.9	28.8	37	-3	23	0	43	0	dr	—	152
RED SEA: TOR	00	6	28	4	0	0	—	4.7	33.1	62	00	6	28	6	0	0	—	6.6	-0.6	27.0	33	-1	24	0	84	0	20	13	145
HURGHADA	00	9	04	3	0	0	—	5.3	32.8	48	00	9	30	5	0	0	—	7.9	0.0	29.4	33	-1	23	-1	49	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	5.3	29.4	76	00	7	32	3	0	0	—	6.6	-0.9	30.1	32	-2	26	0	54	0	tr	6	147
PORT SUDAN											00	—	28	3	0	0	—	6.0	+0.4	39.2	42	+2	25	-1	11	0	81	109	169
NORTH SUDAN: WADI HALFA											01	8	02	3	1	3	Cs	7.2	-1.1	28.9	43	+2	22	-1	29	—	—	—	165
KAREIMA											05	7	32	2	1	4	Ci	7.1	-0.9	32.8	44	+1	28	+2	21	0	3	4	166
ATBARA											00	—	20	5	0	0	—	6.2	-0.6	33.4	43	+1	28	+2	31	0	6	10	167
KHARTUM											03	7	18	3	1	8	Ac,Cu	8.0	-0.5	30.6	42	+2	27	+1	48	0	15	44	168
KASSALA											01	8	16	3	0	3	Ci	8.2	-1.8	27.4	36	-2	24	0	56	0	56	50	170
CENTRAL SUDAN: WAD MEDANI											02	—	18	5	1	4	—	9.0	-0.3	27.4	38	0	25	+2	49	0	79	58	171
DUEIM											00	—	—	3	0	0	—	9.3	-0.5	28.2	38	-1	25	+1	61	0	66	42	173
RENK																												—	182
ROSEIRES											02	—	14	1	0	4	—	11.2	-0.2	23.4	32	-2	20	-1	81	dr	149	204	172
EL OBEID											03	8	16	3	1	7	Ac	8.4	-2.4	24.7	37	0	23	+1	76	37	89	60	174
EL FASHER											01	8	14	1	0	1	Ci	—	—	26.0	38	0	24	+2	55	0	17	30	175
GENEINA											01	8	20	4	1	4	Ac,Ci	—	—	25.1	40	—	22	—	54	0	54	—	179
KADUGLI																												—	187
S. SUDAN: MALAKAL											03	9	16	3	2	6	Ac,As	10.6	-1.5	22.6	31	-1	20	-1	81	7	311	328	176
WAU											02	—	20	1	6	4	—	9.6	-1.4	23.0	33	0	21	0	85	25	449	515	177
JUBA											10	8	20	3	0	4	Cu,Sc	12.5	-0.1	22.3	30	-2	20	0	82	4	577	521	178

UPPER WINDS — الرياح العليا يوم ٢٥ — 25th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 7 h. m.	CAIRO 8 h. m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA h. m.	KAREIMA 7 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA h. m.	SALUM 24th 13 h. m.
05.08.25	02.34.10	02.01.30	02.04.15	02.03.35	02.30.20	02.36.05		06.02.40	06.19.45	06.18.15	07.20.40	06.15.30		02.03.25
10.06.30	05.07.10	05.03.40	05.04.20	05.05.35	05.01.30	05.36.35		10.01.55	10.21.60	10.19.25	10.22.50	10.15.20		05.32.30
15.05.40	10.05.25	10.03.30	10.04.25	08.04.45	10.01.35	10.36.20		15.02.40	15.22.80	15.22.20	15.27.25	15.17.15		10.31.35
20.03.45	15.05.30	15.03.30		10.04.60	15.06.05	15.30.10		20.02.20	20.25.60	20.26.20	20.34.20	20.11.25		15.32.50
25.02.50	20.04.40	20.03.30		15.04.40	20.02.05	20.32.15		30.01.20	25.29.45	30.34.25	30.03.65	30.07.30		20.31.30
		25.03.35		20.04.30	30.10.05	25.16.20		40.35.15	30.29.40	40.04.25	40.07.25	40.07.25		25.33.20
				22.04.10		30.17.25		50.36.15	40.01.20	50.03.10	47.13.10	50.07.15		30.33.20
						35.19.15		54.33.10	50.05.35	54.01.20		51.08.15		
						40.16.20			53.30.20					
						45.17.10								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 24th	Diff. from normal	Wet bulb temp °C on 24th	Diff. from normal
Alexandria	74	+1	21.2	+0.2
Ezbekiya	56	0	20.7	-0.8
Giza	59	+3	20.9	0.0
Helwan	47	+5	19.3	+0.9

Giza Grass minimum on 25th 17.0°C

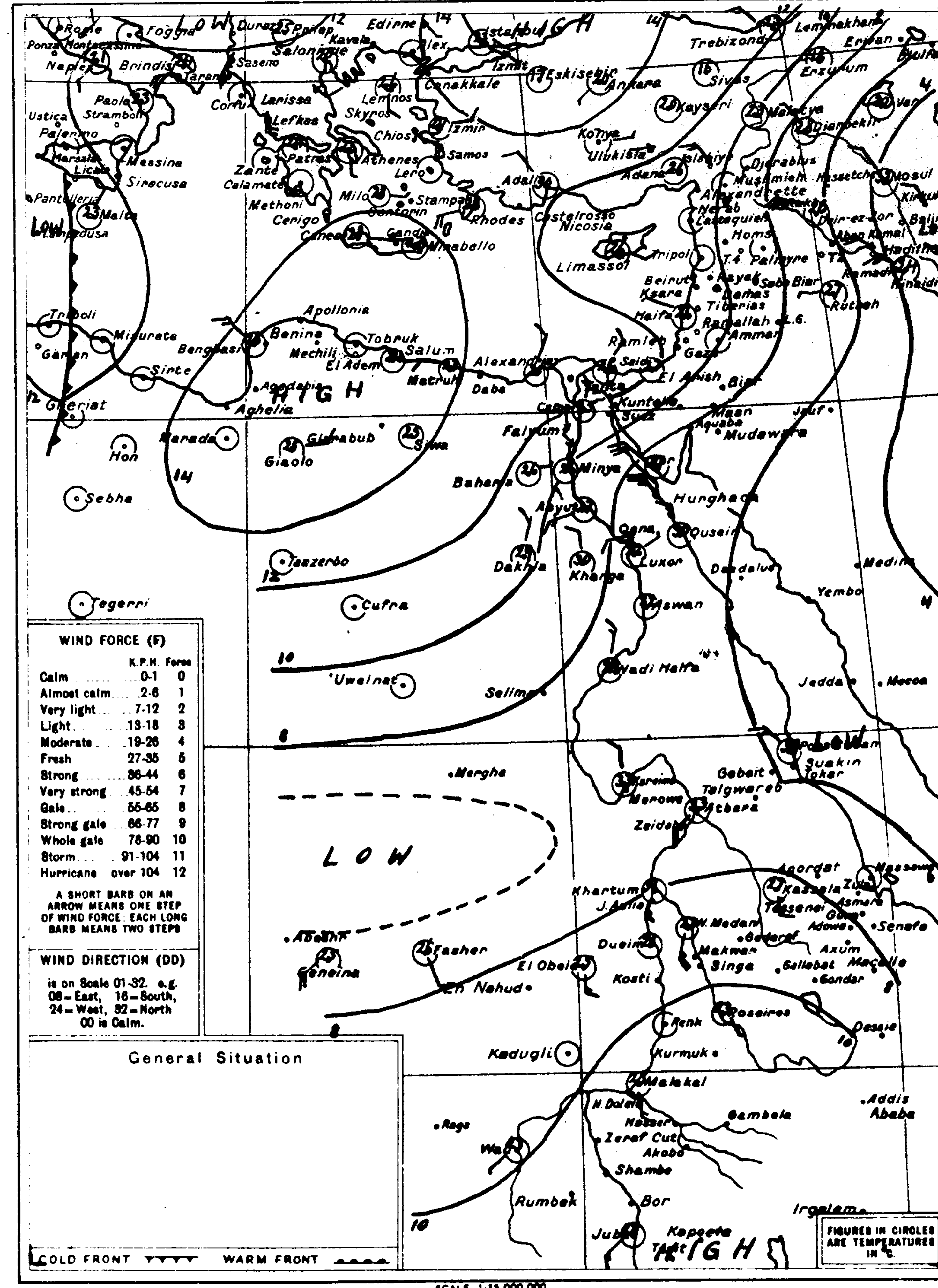
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
25-6	1736	1377
24-6	1736	1401

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	24-6	13.62	+0.12	13.25	-0.25
Nasser	24-6	8.72	+0.40	8.76	+0.44
Malakal	25-6	11.38	+0.39	11.36	+0.37
Roseires	25-6	14.38	+0.84	14.44	+0.97
Sennar Res	24-6	7.04	—	7.03	—
J. Aulia U.S	24-6	372.13	—	372.09	—
J. Aulia D.S	24-6	371.55	+0.11	371.53	+0.11
Khartum	24-6	11.32	+0.10	11.20	+0.02
Kh. el Girba	24-6	11.50	+0.16	11.70	+0.43
'Atbara	24-6	10.59	+0.07	10.60	+0.11
Kajnarti	24-6	132.61	+0.16	132.60	+0.19
Aswan Res.	25-6	112.06	—	112.36	—
Aswan D.S	25-6	87.10	+0.65	87.11	+0.68
Roda (Cairo)	25-6	15.95	+0.39	15.95	+0.42

Printed by the Survey & Mines Dept. 1938 (38/554)

Isobars, Wind and Temperature at 8 h. 25-6-1939. ١٩٣٩-٦-٢٥



At 8 h. on 25th الساعة ٨ يوم ٢٥

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol	09	6	10	2	4	0	—	10.6	+1.2	26	—	—	—	—	—	0	610	463
Haifa	02	—	26	1	—	4	—	11.8	+4.0	25.5	29	-1	21	0	69	0	559	647
SHIPS																		

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise 04h 35m
" " Sunset 19h 00m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

٢٩-٦-٢٦

At 14 h. on 25-6 — ٢٥ الساعة ١٤ يوم

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
SALUM	00	8	04	1	0	0	—	14.4	28.1	41
MATRUH	00	7	28	3	0	0	—	14.2	24.4	83
DIKHEILA	00	8	30	4	0	0	—	13.5	25.2	90
ALEXANDRIA	00	9	04	3	0	0	—	13.0	27.7	64
DAMIETTA										
PORT SAID	00	8	04	3	0	0	—	12.3	28.5	75
EL ARISH	00	7	30	3	0	0	—	11.9	27.0	71
DAMANHUR										
MANSURA										
TANTA	00	7	02	3	0	0	—	11.6	33.0	30
ZAGAZIG	00	9	30	2	0	0	—	11.2	33.4	40
ALMAZA	00	8	32	5	0	0	—	11.0	34.4	43
EZBEKIYA	00	9	04	3	0	0	—	10.4	35.2	31
GIZA	00	9	30	3	0	0	—	10.2	34.2	37
HELWAN	00	8	02	5	0	0	—	9.9	34.0	22
SUEZ	00	9	32	4	0	0	—	9.8	32.6	43
FAIYUM	00	8	32	6	0	0	—	9.6	35.0	26
MINYA	00	7	32	4	0	0	—	8.3	34.6	26
ASYUT	00	8	22	3	0	0	—	7.0	38.0	16
QENA	00	8	22	1	0	0	—	5.5	39.1	29
LUXOR	00	8	26	1	0	0	—	5.8	40.8	23
ASWAN	00	7	00	0	0	0	—	3.9	42.0	18
SIWA	00	8	10	2	0	0	—	13.6	34.5	26
BAHARIA	00	9	00	0	0	0	—	9.8	35.0	32
KHARGA	00	8	04	3	0	0	—	6.0	37.8	31
DAKHLA	00	7	32	4	0	0	—	9.5	—	23
[illegible]	00	6	28	6	0	0	—	6.8	29.0	81
[illegible]	00	9	02	4	0	0	—	6.3	31.9	55
QUSEIR	00	7	02	3	0	0	—	6.4	30.4	69
PORT SUDAN										
WADI HALFA										
KAREIMA										
ATBARA										
KHARTUM										
KASSALA										
WAD MEDANI										
DUEIM										
[illegible]										
ROSEIRES										
EL OBEID										
EL FASHER										
GENEINA										
KADUGLI										
MALAKAL										
WAU										
JUBA										

At 8 h. on MONDAY 26th — الساعة ٨ يوم الاثنين ٢٦

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	8	32	3	0	0	—	16.0	+4.1	27.2	30	—	21	—	34	0	82	—	130
MATRUH	00	7	26	3	0	0	—	15.2	+3.4	23.9	25	-3	18	-2	78	0	122	160	131
DIKHEILA	00	8	32	2	0	0	—	14.6	—	25.0	26	—	23	—	90	0	94	—	150
ALEXANDRIA	00	9	04	1	0	0	—	14.0	+2.8	26.4	29	0	23	+2	74	0	166	185	132
DAMIETTA	00	8	02	1	0	0	—	13.3	—	26.8	29	—	23	—	77	0	70	107	159
PORT SAID	00	8	04	2	0	0	—	13.1	+3.2	26.2	30	0	23	+1	84	0	64	81	134
EL ARISH	00	7	00	0	0	0	—	13.3	—	28.0	28	—	19	—	70	0	130	93	135
DAMANHUR	00	7	32	2	0	0	—	13.6	+2.7	28.8	33	0	21	+2	65	0	29	103	136
MANSURA	00	8	02	1	0	0	—	13.5	—	26.9	34	-1	21	+2	74	0	46	55	137
TANTA	00	7	00	0	0	0	—	13.3	+2.0	26.5	34	-1	19	0	80	0	41	43	138
ZAGAZIG	00	8	04	1	0	0	—	14.3	—	28.4	34	0	19	+1	69	0	31	29	139
ALMAZA	01	7	04	3	2	3	St.	13.6	—	26.6	35	—	20	—	66	0	18	—	141
EZBEKIYA	01	6	02	3	1	1	Ci.	13.1	+2.6	26.6	36	+1	21	+1	71	0	23	28	
GIZA	01	6	02	1	2	1	Ci.	13.3	+2.1	25.6	34	-1	20	+2	76	0	23	28	
HELWAN	00	7	04	3	0	0	—	12.8	+1.7	27.8	36	+1	20	0	41	0	26	29	143
SUEZ	00	8	28	2	0	0	—	13.0	+3.2	26.5	34	-1	21	-1	66	0	27	18	144
FAIYUM	00	8	32	5	0	0	—	11.2	+0.1	26.0	37	0	21	+1	65	0	7	8	153
MINYA	00	7	28	4	0	0	—	10.2	+0.3	25.8	36	-1	21	+1	66	0	4	—	154
ASYUT	00	7	22	3	0	0	—	9.8	-0.1	26.1	39	+2	20	-2	54	0	2	4	155
QENA	00	8	02	2	0	0	—	7.5	-0.3	31.7	41	0	24	+1	36	0	dr.	—	156
LUXOR	00	8	06	2	0	0	—	7.1	—	34.5	43	—	22	—	32	0	dr.	—	157
ASWAN	00	7	00	0	0	0	—	7.1	-0.9	31.9	42	0	25	0	31	0	1	—	158
SIWA	00	8	00	0	0	0	—	14.0	+2.4	27.4	36	-1	19	-1	69	0	7	8	148
BAHARIA	00	9	32	1	0	0	—	12.8	—	24.0	36	—	20	—	75	0	1	—	149
KHARGA																		tr.	151
DAKHLA	00	7	30	2	0	0	—	11.0	+1.0	29.0	38	-2	26	+3	40	0	dr.	—	152
[illegible]	00	6	28	5	0	0	—	7.9	+0.8	27.0	32	-2	24	0	88	0	20	13	145
[illegible]	00	9	30	4	0	0	—	7.2	-0.6	30.2	34	0	26	+2	—	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	7.5	0.0	30.6	33	-1	26	0	62	0	tr.	6	147
PORT SUDAN	00	—	28	2	0	0	—	7.5	+1.9	36.7	40	0	27	+1	17	0	81	109	169
WADI HALFA	01	8	32	2	0	2	Ci,Cs	7.2	-1.1	30.0	40	-1	21	-2	21	—	3	—	165
KAREIMA	01	8	12	3	1	3	Ci	8.8	+0.8	32.8	42	-1	26	0	21	0		4	166
ATBARA	30	—	20	7	0	4	—	7.2	+0.3	33.2	43	+1	30	+4	31	0	6	10	167
KHARTUM	18	6	18	4	1	4	Ac,Ci	9.2	+0.7	31.7	41	+1	28	+2	38	0	15	15	168
KASSALA	01	8	16	4	1	4	Ci	9.1	-0.9	26.2	37	—	23	-1	55	0	56	51	170
WAD MEDANI	02	—	20	5	6	4	—	9.8	+0.5	28.0	38	0	22	-1	57	1	80	59	171
DUEIM	00	—	—	3	0	0	—	9.6	-0.2	29.8	37	-1	26	+2	57	0	66	42	173
[illegible]																		—	182
ROSEIRES	01	—	18	1	0	4	—	12.0	+0.5	24.7	30	-4	17	-4	80	dr.	149	208	172
EL OBEID	02	8	20	4	0	5	Ac	9.0	-1.9	26.5	35	-2	24	+2	69	dr.	89	61	174
EL FASHER	03	9	04	2	1	6	St,Ac	—	—	25.5	39	+1	23	+1	55	0	17	30	175
GENEINA	01	8	24	3	1	4	Ac	—	—	23.3	39	—	21	—	66	0	54		179
KADUGLI																			187
MALAKAL	03	8	14	3	5	7	Ac,As	11.0	-1.2	25.8	32	0	24	+3	74	dr.	311	333	176
WAU	02	—	16	1	1	4	—	10.9	-0.2	24.4	30	-3	22	+1	83	0	449	520	177
JUBA	03	8	00	0	0	6	Cu,Sc	12.0	-0.6	24.4	32	0	23	+3	83	0	577	526	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour

SALUM 7h	MATRUH 7h	[illegible] 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT	ASWAN 7h	WADI HALFA	KAREIMA 5h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	Salum 23h
02 36 10	02 36 20	02 03 35	02 06 15	02 03 30	02 35 20	05 18 15		06 03 20	06 17 60	06 18 30	07 24 35	06 27 15		02.00.0
05 03 20	05 03 30	05 04 35	05 04 45	05 04 30	05 03 30	10 08 15		10 03 25	10 18 85	10 20 20	10 26 15	10 21 10		05.08.10
10 04 40	10 04 60	10 03 30	10 06 40	08 05 50		15 12 20		15 03 30	15 20 70	15 24 25	15 25 15	15 17 15		10.06.30
15 04 60	15 04 45	15 05 25	15 07 45	10 06 65		20 17 15			20 22 70	20 32 15	20 01 15	20 19 25		15.04.35
20 04 55	20 03 60	20 03 45	20 06 10	15 08 35					25 22 65	30 02 20	25 34 05	30 18 05		20.03.65
25 03 80		23 04 40	25 06 30	20 06 35						34 03 05		40 36 15		
				23 05 25								50 05 25		
												56 06 25		

Forecast for 24 hours from noon on

[illegible]

STATION	Mean of day Humidity % on 25th	Diff. from normal	Wet bulb temp. on 25th	Diff. from normal
Alexandria	81	+8	22.5	+1.5
Ezbekiya	54	-2	21.9	+0.1
Giza	58	+2	21.9	+1.0
Helwan	39	-3	19.2	+0.8

Giza [illegible] 26th 16.3

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
26/6	1736	1400
2?/6	1736	1399

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	25-6	13.60	+0.10	13.62	+0.12
Nasser	25-6	8.76	+0.39	8.72	+0.40
Malakal	26-6	11.40	+0.38	11.38	+0.39
Roseires	25-6	14.38	+0.84	14.44	+0.77
Sennar Res	25-6	7.26	—	7.44	—
J. Aulia U.S	25-6	372.19	—	372.13	—
J. Aulia D.S	25-6	371.60	+0.14	371.55	+0.11
Khartum	25-6	11.34	+0.09	11.32	+0.10
Kh. el Girba	25-6	11.30	-0.11	11.50	+0.16
Atbara	25-6	10.60	+0.05	10.59	+0.07
Kajnarti	25-6	132.63	+0.13	132.61	+0.16
Aswan Res	26-6	111.80		112.06	
Aswan D.S	26-6	87.09	+0.62	87.10	+0.65
Roda (Cairo)	26-6	13.93	+0.37	13.95	+0.39

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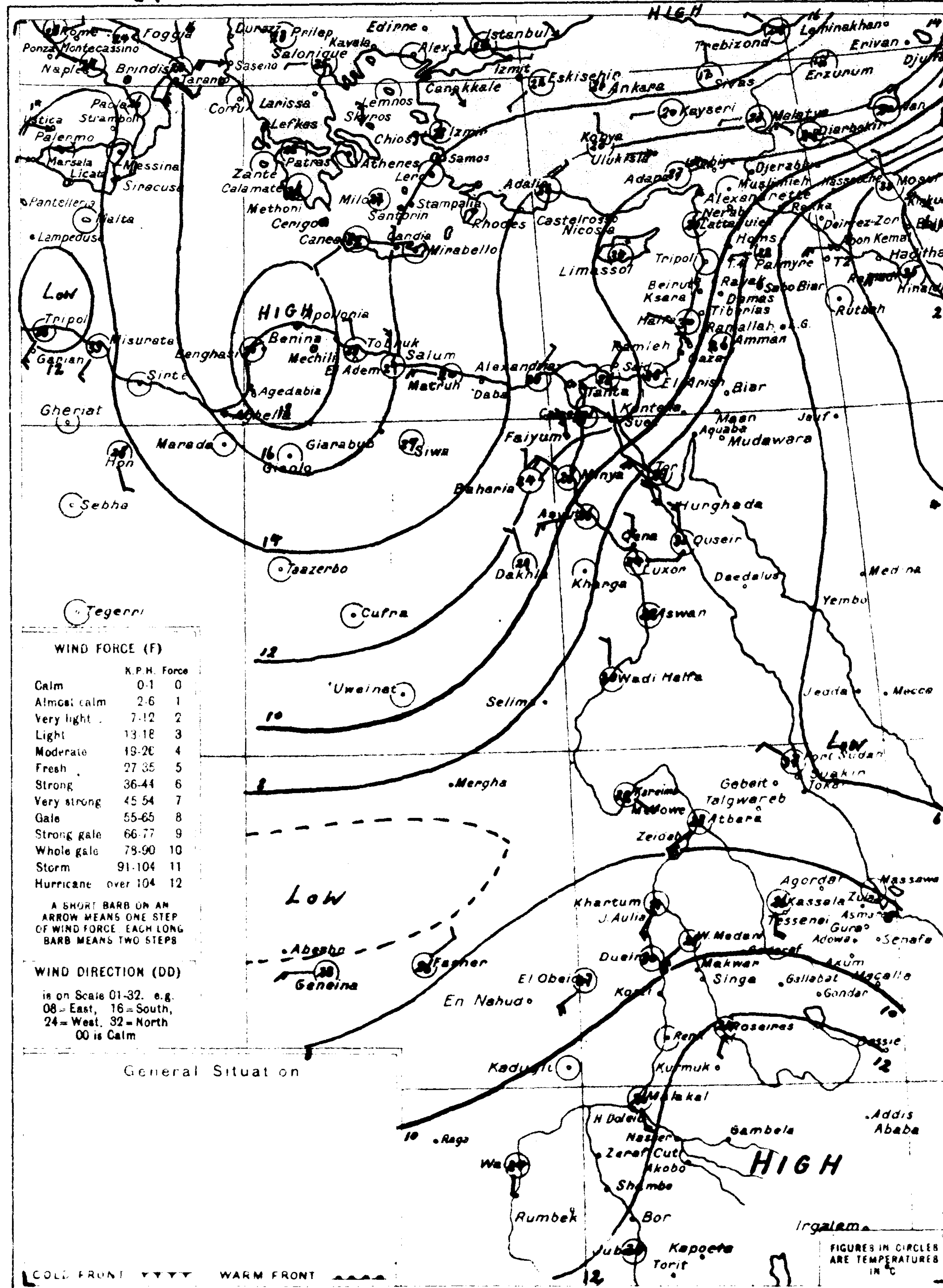
Isobars, Wind and Temperature at 8 h. 26-6-39



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000

Kms 200 100 0 200 400 600 Kms

At 8 h. on 26th — ٢٦ الساعة ٨ يوم

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	09	7	00	0	4	0	—	11.2	+2.0	34	—	—	—	—	—	0	610	468
Malta	00	—	26	1	—	0	—	12.6	+4.9	29.5	30	0	24	+3	67	0	669	647

SHIPS سفن

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
Heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visibility over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise 04 55 h. m.

Sunset 19 00 h. m.

Month JUNE 1939 ١٩٣٩ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 26.6 الساعة ١٤ يوم ٢٦-٦ | At 8 h. on TUESDAY 27th الساعة ٨ يوم الثلاثاء ٢٧

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALLÛM	00	8	02	4	0	0	—	16.0	31.2	27	00	8	30	5	0	0	—	12.8	+1.0	28.5	32	—	23	—	49	0	82	—	130
MATRÛH	00	7	28	4	0	0	—	15.1	25.3	77	00	7	26	4	0	0	—	11.4	-0.3	25.4	26	-2	18	-2	70	0	122	160	131
DIKHEILA	00	8	30	4	0	0	—	14.4	26.0	68	00	8	28	3	0	0	—	10.8	—	25.0	26	—	24	—	80	0	94	—	150
ALEXANDRIA	00	9	04	2	0	0	—	13.8	27.1	74	00	9	32	1	0	0	—	9.9	-1.2	25.6	30	+1	23	+2	79	0	166	185	132
DAMIETTA											00	8	00	0	0	0	—	9.1	—	28.8	31	—	21	—	65	0	70	107	159
PORT SAÏD	00	8	26	3	0	0	—	13.9	30.8	65	00	8	04	2	0	0	—	9.5	-0.3	26.8	32	+2	22	0	80	0	64	81	134
EL 'ARISH	00	7	28	3	0	0	—	11.6	29.1	70	00	7	00	0	0	0	—	9.0	—	28.4	30	—	19	—	73	0	130	93	135
DAMANHÛR											00	7	32	2	0	0	—	9.9	-0.9	28.9	36	+3	21	+2	69	0	29	103	136
MANSÛRA											00	8	20	1	0	0	—	9.4	—	27.0	37	+2	20	+1	66	0	46	55	137
TANTA	00	7	00	0	0	0	—	11.1	35.0	37	00	7	00	0	0	0	—	9.3	-1.9	27.0	36	+1	19	0	77	0	41	43	138
ZAGAZIG	00	9	30	3	0	0	—	11.8	35.8	33	00	8	30	1	0	0	—	10.0	—	27.9	36	+2	18	0	69	0	31	29	139
CAIRO ALMAZA	00	8	04	5	0	0	—	11.9	36.5	24	05	6	00	0	0	0	—	10.8	—	25.3	37	—	20	—	72	0	18	—	141
CAIRO EZBEKIYA	00	9	32	3	0	0	—	11.6	36.8	30	05	5	04	2	0	0	—	9.6	-0.8	26.8	38	+3	22	+2	74	0	23	28	—
CAIRO GIZA	00	9	32	2	0	0	—	10.7	35.4	35	05	6	32	1	0	0	—	9.4	-1.8	25.5	36	+1	19	+1	79	0	23	28	—
HELWAN	00	8	02	4	0	0	—	10.2	36.2	16	05	6	28	3	0	0	—	9.0	-2.0	26.1	38	+3	21	+1	58	0	26	29	143
SUEZ	00	9	32	4	0	0	—	10.3	35.0	39	00	8	30	2	0	0	—	9.3	-0.4	26.8	36	0	21	-1	68	0	27	18	144
FAIYUM	00	8	32	4	0	0	—	9.9	37.7	17	00	8	02	3	0	0	—	9.1	-1.9	26.5	39	+2	21	+1	66	0	7	8	153
MINYA	00	8	30	4	0	0	—	8.8	37.0	30	00	6	30	3	0	0	—	7.8	-2.0	26.0	38	+1	21	+1	62	0	4	—	154
ASYÛT	00	7	22	3	0	0	—	7.4	38.0	25	00	7	22	3	0	0	—	7.2	-2.6	27.1	39	+2	21	-1	49	0	2	4	155
QENA	00	8	22	1	0	0	—	5.8	41.4	25	00	8	30	1	0	0	—	5.9	-1.8	30.0	43	+2	25	+2	39	0	dr.	—	156
LUXOR	00	8	30	1	0	0	—	5.9	42.7	16	00	8	02	1	0	0	—	5.4	—	33.9	45	—	24	—	29	0	dr.	—	157
ASWAN	00	7	00	0	0	0	—	4.2	45.0	13	01	7	00	0	1	3	Ci	4.3	-3.7	32.0	45	+3	28	+3	29	0	1	—	158
SIWA	00	8	06	1	0	0	—	15.5	38.4	53	00	8	00	0	0	0	—	13.3	+1.7	28.0	40	+3	19	-1	70	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.0	37.5	14	00	9	00	0	0	0	—	11.0	—	26.5	38	—	21	—	53	0	1	—	149
KHARGA	00	8	04	2	0	0	—	7.0	38.9	26	00	8	32	3	0	0	—	7.5	-1.2	31.2	40	0	28	+5	41	0	dr.	tr.	151
DAKHLA	00	7	28	2	0	0	—	9.3	—	40	06	6	02	7	0	0	—	9.1	-0.9	31.5	40	0	28	+5	35	0	dr.	—	152
TOR	00	6	28	6	0	0	—	5.9	32.0	53	00	6	28	4	0	0	—	5.3	-1.7	27.0	33	-1	25	+1	80	0	20	13	145
HURGHADA	00	9	02	4	0	0	—	7.2	31.8	—	00	9	30	3	0	0	—	6.7	-1.0	30.4	34	-1	25	+1	—	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	7.5	30.4	69	00	7	32	3	0	0	—	6.2	-1.2	30.0	33	-1	26	0	59	0	tr.	6	147
PORT SUDAN											00	—	20	4	0	0	—	6.0	+0.4	36.7	41	+1	28	+2	24	0	81	109	169
WADI HALFA											01	8	32	2	1	4	Ci.Cu	4.9	-2.3	29.7	43	+2	21	-2	25	—	—	—	165
KAREIMA											01	8	10	2	1	4	Ac.	6.9	-1.1	33.9	43	0	27	+1	18	0	3	4	166
ATBARA											30	—	20	8	3	9	—	7.4	+0.5	29.5	43	+1	26	0	38	0	6	11	167
KHARTUM											18	5	14	4	3	4	Ac.Cu	10.1	+1.6	26.9	41	+1	26	0	49	dr.	15	15	168
KASSALA											01	8	18	3	1	4	Ac.	8.4	-1.7	25.0	36	-1	22	-2	67	4	60	52	170
WAD MEDANI											03	—	00	0	5	7	—	10.2	+0.8	23.6	38	0	20	-3	75	9	89	61	171
DUEIM											03	—	—	3	1	7	—	10.7	+0.9	24.2	37	-1	22	-1	77	4	70	43	173
RENK																			—		—		—					—	182
ROSEIRES											50	—	06	1	1	9	—	12.8	+1.3	21.8	30	-4	16	-5	96	2	151	212	172
EL OBEID											03	8	20	1	0	8	Sc.Ci	10.0	-0.9	24.0	33	-3	23	+1	75	dr.	89	63	174
EL FASHER											03	8	18	3	1	6	Cu.Sc.	—	—	24.0	38	0	22	0	75	0	17	31	175
GENEINA											62	8	16	2	8	7	St.Sc.	—	—	21.0	36	—	20	—	82	2	56	—	179
KADUGLI																												—	187
MALAKAL											03	8	28	2	2	8	As.Ac	11.6	-0.6	22.5	29	-3	21	0	91	5	316	338	176
WAU											50	—	24	1	6	9	—	11.3	+0.2	21.0	31	-2	19	-2	95	36	485	526	177
JUBA											10	8	00	0	0	7	Cu.Sc.	12.6	0.0	22.5	30	-2	21	+1	83	0	577	531	178

UPPER WINDS

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

SALÛM 7 h	MATRÛH 7 h	DIKHEILA 7 h	CAIRO 8 h	HELWÂN 8 h 30 m	ASYÛT 7 h	ASWÂN 7 h	WÂDI HALFA	KAREIMA 7 h	KHARTÛM 7 h	KASSALA 5 h	EL OBEID 7 h	MALAKÂL 7 h	JÛBA	Salum 2nd 13 h
02.34.30	02.33.30	01.33.15	02.02.10	02.36.10	03.32.25	02.02.15		06.05.25	06.13.50	06.19.20	07.22.20	06.27.30		02.02.25
05.03.50	05.01.60	02.01.25	05.04.25	05.03.30	05.02.35	05.02.40		10.01.35	10.14.65	10.25.15	10.23.15	10.27.30		05.02.25
10.02.30	10.01.40	05.02.20	10.04.35	08.03.40	10.02.25	10.04.40		15.33.20	15.12.30	15.23.25	15.11.15	15.25.15		10.05.30
15.01.55	15.01.50	10.03.20	15.05.25	10.05.35	15.30.10	15.03.30		20.31.15	20.24.30	20.33.05	20.17.10	20.26.10		15.03.35
20.01.60		15.02.25	20.02.35	15.05.40	20.34.30	20.02.10		25.34.10	30.34.30	30.04.35	23.15.05	30.20.10		20.03.55
22.01.55		20.01.40		20.03.40		25.13.10		30.13.10	37.10.05	31.03.30		40.17.20		
		21.01.40		23.02.20		30.15.10		40.18.15				50.10.10		
				25.03.25		35.16.15		50.10.25				60.01.05		
				30.02.20		40.19.30		60.02.25						
				35.03.25		45.11.05								

Forecast for 24 hours from noon on

تعبرت الطقس المنتظر في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity on 26th	Diff. from normal	Mean of day Wet bulb temp. on 26th	Diff. from normal
Alexandria	76	+3	23.2	+2.1
Ezbekiya	52	-5	22.3	+0.5
Giza	54	-2	22.4	+1.4
Helwan	31	-12	19.4	+0.9

Giza grass minimum on 27th 14.4

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
27-6	1736	1400
26-6	1736	1400

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	26-6	13.57	+0.06	13.60	+0.10
Nâsser	26-6	8.79	+0.39	8.76	+0.39
Malakal	27-6	11.41	+0.36	11.40	+0.38
Roseires	27-6	14.35	+0.61	14.25	+0.62
Sennâr Res.	26-6	7.46	—	7.26	—
J. Aulia U.S.	26-6	372.21	—	372.19	—
J. Aulia D.S.	26-6	371.61	+0.13	371.60	+0.14
Khartûm	26-6	11.34	+0.06	11.34	+0.09
Kh. el Girba	26-6	11.96	+0.48	11.30	-0.11
Atbara	26-6	10.63	+0.05	10.60	+0.05
Kajnarti	26-6	132.64	+0.09	132.62	+0.13
Aswân Res.	27-6	111.48	—	111.80	—
Aswân D.S.	27-6	87.10	+0.61	87.09	+0.62
Rôda (Cairo)	26-6	15.93	+0.57	15.95	+0.39

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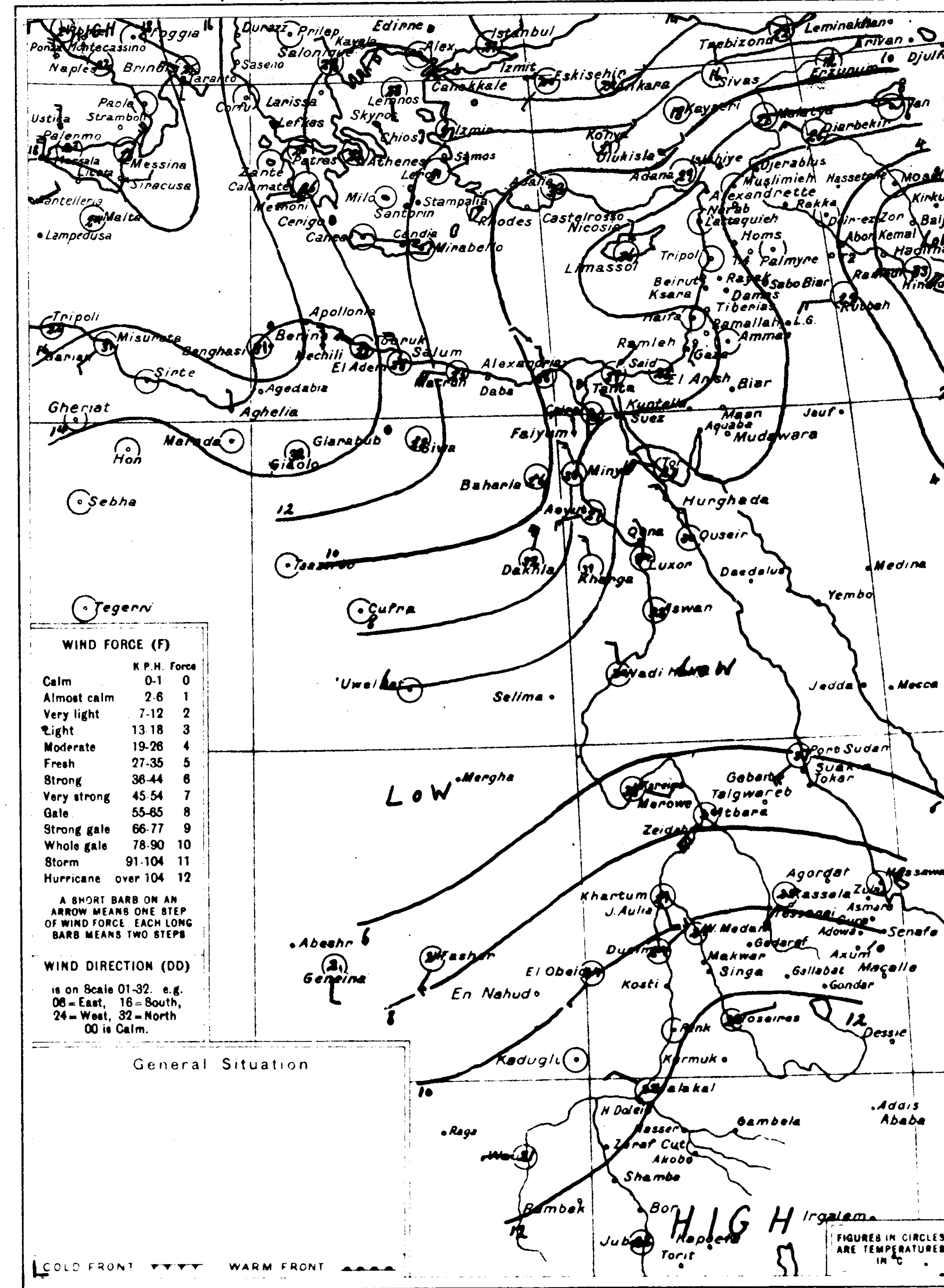
١٩٣٩-٦-٢٧ Isobars, Wind and Temperature at 8 h. 27-6-1939.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 27th الساعة ٨ يوم ٢٧

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	02	2	0	0	—	6.8	—	36	—	—	—	—	—	0	610	463
Haifa	00	—	10	2	0	0	—	8.2	+0.6	27.8	31	+1	23	+2	62	0	559	647
Kharga St.	00	8	32	3	0	0	—	9.4	+1.1	30.3	39	-1	26	+3	46	0	dr.	tr.

SHIPS سفن: 33323 29406 28100 10878 30000 50000 66303

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO

Time of Sunrise 4h 36m

" " Sunset 19h 00m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JUNE 1939 — شهر يونية ١٩٣٩ — ١٩٣٩-٦-٢٨

Isobars, Wind and Temperature at 8 h. 28-6-1939

1417 F.C.

At 14 h. on 27-6 — الساعة ١٤ يوم ٢٧-٦

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)
MEDITERRANEAN: SALUM	00	8	32	3	0	0	—	11.6	32.8	33
MATRUH	00	7	28	4	0	0	—	10.0	25.9	74
DIKHEILA	00	8	28	3	0	0	—	9.9	26.1	82
ALEXANDRIA	00	9	32	2	0	0	—	8.4	28.4	72
DAMIETTA										
PORT SAÏD	00	7	02	3	0	0	—	7.6	31.5	75
EL 'ARISH	00	7	30	3	0	0	—	6.0	29.9	60
DELTA: DAMANHUR										
MANSURA										
TANTA	00	7	00	0	0	0	—	7.0	37.0	30
ZAGAZIG	00	9	30	2	0	0	—	7.0	37	23
CAIRO: ALMAZA	00	8	30	3	0	0	—	7.5	38.1	20
EZBEKIYA	00	9	02	2	0	0	—	6.7	38.4	19
GIZA	00	9	00	0	0	0	—	6.7	37.6	22
HELWAN	00	7	32	4	0	0	—	5.5	37.7	11
SUEZ	00	9	32	3	0	0	—	5.9	36.7	28
FAIYUM	00	8	32	4	0	0	—	6.4	37.8	15
MINYA	00	7	28	4	0	0	—	5.9	36.5	27
ASYUT	00	6	22	3	0	0	—	4.7	37.6	25
QENA	00	8	22	2	0	0	—	4.3	40.7	25
LUXOR	00	8	22	1	0	0	—	3.2	42.3	—
ASWAN	00	7	00	0	0	0	—	1.5	43.7	15
SIWA	00	8	06	2	0	0	—	10.4	41.0	43
BAHARIYA	00	9	32	1	0	0	—	6.7	32.0	16
KHARGA	00	8	04	3	0	0	—	4.8	39.7	29
DAKHLA	00	7	30	3	0	0	—	6.6	38.2	17
KOSEIR	00	6	28	4	0	0	—	3.4	31.8	65
HURGHADA	00	9	04	3	0	0	—	7.0	32.0	—
QUSEIR	00	7	02	3	0	0	—	5.4	30.4	69
PORT SUDAN										
WADI HALFA										
KAREIMA										
ATBARA										
KHARTUM										
KASSALA										
WAD MEDANI										
DUEIM										
RENK										
ROSEIRES										
EL OBEID										
EL FASHER										
GENEINA										
KADUGLI										
MALAKAL										
WAU										
JUBA										

At 8 h. on WEDNESDAY 28th — الاربعاء ٢٨ — الساعة ٨ يوم

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Yesterday Max. °C (MM)	Diff. from norm. °C	Today Min. °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALUM	00	8	32	2	0	0	—	8.4	-3.3	28.4	33	—	22	—	47	0	82	—	130
MATRUH	00	7	26	5	0	0	—	7.9	-3.7	24.8	26	-2	19	-1	78	0	122	160	131
DIKHEILA	00	8	26	2	0	0	—	8.0	—	25.3	27	—	23	—	84	0	94	—	150
ALEXANDRIA	00	9	32	1	0	0	—	7.2	-3.8	25.5	30	+1	23	+2	80	0	166	185	132
DAMIETTA	09	7	20	1	0	0	—	6.4	—	27.0	35	—	22	—	78	0	70	107	159
PORT SAÏD	01	8	04	2	0	3	—	7.0	-2.7	26.8	34	+4	23	+1	87	0	64	81	134
EL 'ARISH	00	7	00	0	0	0	—	9.1	—	28.7	34	—	18	—	60	0	130	93	135
DELTA: DAMANHUR	01	7	32	2	1	2	—	8.0	-2.7	27.8	37	+4	22	+3	80	0	29	103	136
MANSURA	41	8	18	1	4	0	—	7.1	—	26.3	39	+4	20	+1	78	0	46	55	137
TANTA	00	7	00	0	0	0	—	7.6	-3.6	27.0	38	+3	21	+2	77	0	41	43	138
ZAGAZIG	03	7	28	2	4	8	Sc.	7.8	—	25.3	38	+4	20	+1	88	0	31	29	139
CAIRO: ALMAZA	05	6	30	1	4	0	—	8.4	—	25.4	38	—	21	—	78	0	18	—	141
EZBEKIYA	05	5	30	3	0	0	—	7.1	-3.2	26.8	40	+5	22	+2	74	0	23	28	—
GIZA	05	5	02	1	0	0	—	7.1	-4.0	26.1	38	+3	21	+3	77	0	23	28	—
HELWAN	05	5	28	1	0	0	—	6.4	-4.5	25.6	39	+4	22	+2	70	0	26	29	143
SUEZ	00	7	32	3	0	0	—	6.6	-3.0	27.0	38	+2	20	-2	72	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	6.8	-4.2	28.8	39	+2	22	+2	52	0	7	8	153
MINYA	00	5	32	1	0	0	—	5.8	-4.0	28.8	38	+1	22	+2	55	0	4	—	154
ASYUT	00	6	22	2	0	0	—	5.4	-4.3	29.5	38	+1	21	-2	40	0	2	4	155
QENA	00	8	26	1	0	0	—	5.0	-2.7	30.2	42	+1	24	0	41	0	tr.	—	156
LUXOR	00	8	02	2	0	0	—	4.6	—	31.5	45	—	22	—	33	0	tr.	—	157
ASWAN	00	7	02	3	0	0	—	3.4	-4.5	33.1	46	+4	29	+3	29	0	1	—	158
SIWA	00	8	00	0	0	0	—	9.8	-1.7	29.0	42	+5	18	-2	68	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.2	—	27.0	39	—	22	—	60	0	1	—	149
KHARGA	00	8	32	1	0	0	—	7.4	-1.2	30.6	41	+1	24	+1	40	0	tr.	tr.	151
DAKHLA	00	8	24	2	0	0	—	7.1	-2.3	31.5	40	0	22	-1	24	0	tr.	—	152
KOSEIR	00	6	24	2	0	0	—	4.6	-2.4	27.5	35	+1	21	-3	77	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	5.3	-2.3	31.7	34	-1	22	-2	—	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	4.4	-2.9	32.9	33	-1	27	+1	42	0	tr.	6	147
PORT SUDAN	00	—	12	1	0	0	—	4.7	-0.8	36.5	45	+5	31	+5	39	0	81	109	169
WADI HALFA	01	8	28	2	2	2	Ac, c.	5.1	-3.1	31.0	44	+3	26	+3	22	—	—	—	165
KAREIMA	01	8	14	3	1	4	Ac, c.	6.3	-1.7	31.3	42	-1	27	+1	22	0	3	4	166
ATBARA	00	—	20	3	0	0	—	6.6	-0.4	33.0	41	-1	27	+1	33	0	6	11	167
KHARTUM	01	8	20	3	1	4	Ac.	7.4	-1.1	31.0	37	-3	27	+1	48	0	15	15	168
KASSALA	00	8	16	3	0	0	—	8.0	-2.2	27.1	35	-2	24	0	56	0	60	53	170
WAD MEDANI	01	—	18	1	1	4	—	9.1	-0.3	26.9	35	-3	21	-2	61	0	89	62	171
DUEIM	00	—	—	3	0	0	—	9.1	-0.7	28.4	34	-4	27	+4	66	0	70	44	173
RENK																			182
ROSEIRES	01	—	14	1	0	4	—	11.2	-0.3	24.2	30	-4	16	-5	76	1	152	215	172
EL OBEID	01	8	16	3	0	2	Ac.	8.4	-2.6	25.5	32	-4	23	+1	76	0	89	64	174
EL FASHER	02	8	12	1	1	5	Sc, Ac.	—	—	25.0	36	-1	22	0	47	0	17	31	175
GENEINA	03	8	24	4	8	6	Sc, Ac.	—	—	21.8	30	—	21	—	74	tr	56	—	179
KADUGLI																			187
MALAKAL	03	8	12	3	2	7	St, Ac.	12.0	-0.2	22.5	31	-1	21	0	91	11	327	343	176
WAU	03	—	16	1	2	7	—	10.7	-0.4	23.8	29	-4	21	+1	87	0	485	531	177
JUBA	03	8	00	0	0	7	St, Sc.	12.6	0.0	22.4	26	-6	20	0	91	3	580	536	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	SALUM 27th
7 h m	7 h m	7 h m	8 h m	8 h m	7 h m	7 h m	h m	5 h m	7 h m	7 h m	7 h m	7 h m	h m	13 h m
02. 34. 45	02. 34. 20	02. 35. 20	02. 35. 10	02 33 10	02. 25. 05	02. 01. 15		06. 01. 30	06. 20. 35	06. 19. 20	07 20 25	06 13 05		02. 36. 20
05. 03. 15	05. 36. 25	05. 01. 15	05. 05. 15	05 05 04	25 05. 05. 30	05. 03. 25		10. 36. 35	10. 21. 30	10. 20. 30	10 21 35	10 20 25		05. 04. 30
10. 02. 25	10. 36. 25	08. 07. 05	10. 03. 15	08 04 20	10. 01. 25	10. 05. 30			15. 21. 65	15. 22. 20	15 22 20	15 21 30		10. 36. 20
15. 02. 25	16. 36. 60	10. 36. 05	15. 36. 15	10 01 15	15. 36. 20	15. 06. 15			20. 21. 25	20. 28. 15	20 30 30	20 21 30		15. 02. 35
20. 01. 35	20. 01. 55	15. 27 20	20. 01. 10	15 36 20		20. 10. 15			25. 23. 30	30. 01. 20	30 26 10	30 24 15		20. 02. —
25. 36. 50		20. 34. 20	25. 01. 05	20 36 20		25. 13. 20			30. 28. 20	40. 02. 20	33 27 10	40 08 15		
31. 35. 45		25. 34. 35		23 36 15		30. 12. 20			40. 34. 30			50 06 15		
		30. 36. 30		25 34 05					50. 03. 40			56 06 10		
		35. 36. 30		30 11 00					59. 06. 60					
		40. 36. 35		35 03 05										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity %	Diff. from normal	Wet Bulb Temp. °C	Diff. from normal
Alexandria	81	+8	23.7	+2.5
Ezbekiya	55	-2	22.8	+1.0
Giza	52	-4	23.4	+1.3
Helwan	37	-6	19.9	+1.3

Giza Grass minimum 28th 17.2 C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
28-6	1736	1411
27-6	1736	1400

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-6	13.55	+0.04	13.57	+0.06
Nasser	27-6	8.82	+0.40	8.79	+0.39
Malakal	28-6	11.43	+0.36	11.41	+0.36
Roseires	28-6	14.45	+0.58	14.35	+0.61
Sennar Res	27-6	7.34	—	7.46	—
J. Aulia U.S	27-6	372.17	—	372.21	—
J. Aulia D.S	27-6	371.63	+0.13	371.61	+0.13
Khartum	27-6	11.38	+0.06	11.34	+0.06
Kh. el Girba	27-6	11.70	+0.14	11.96	+0.48
Atbara	27-6	10.72	+0.07	10.69	+0.08
Kajnarti	27-6	132.69	+0.08	132.64	+0.09
Aswan Res	28-6	111.18	—	111.48	—
Aswan D.S	28-6	87.08	+0.58	87.10	+0.61
Roda (Cairo)	28-6	15.95	+0.37	15.93	+0.36

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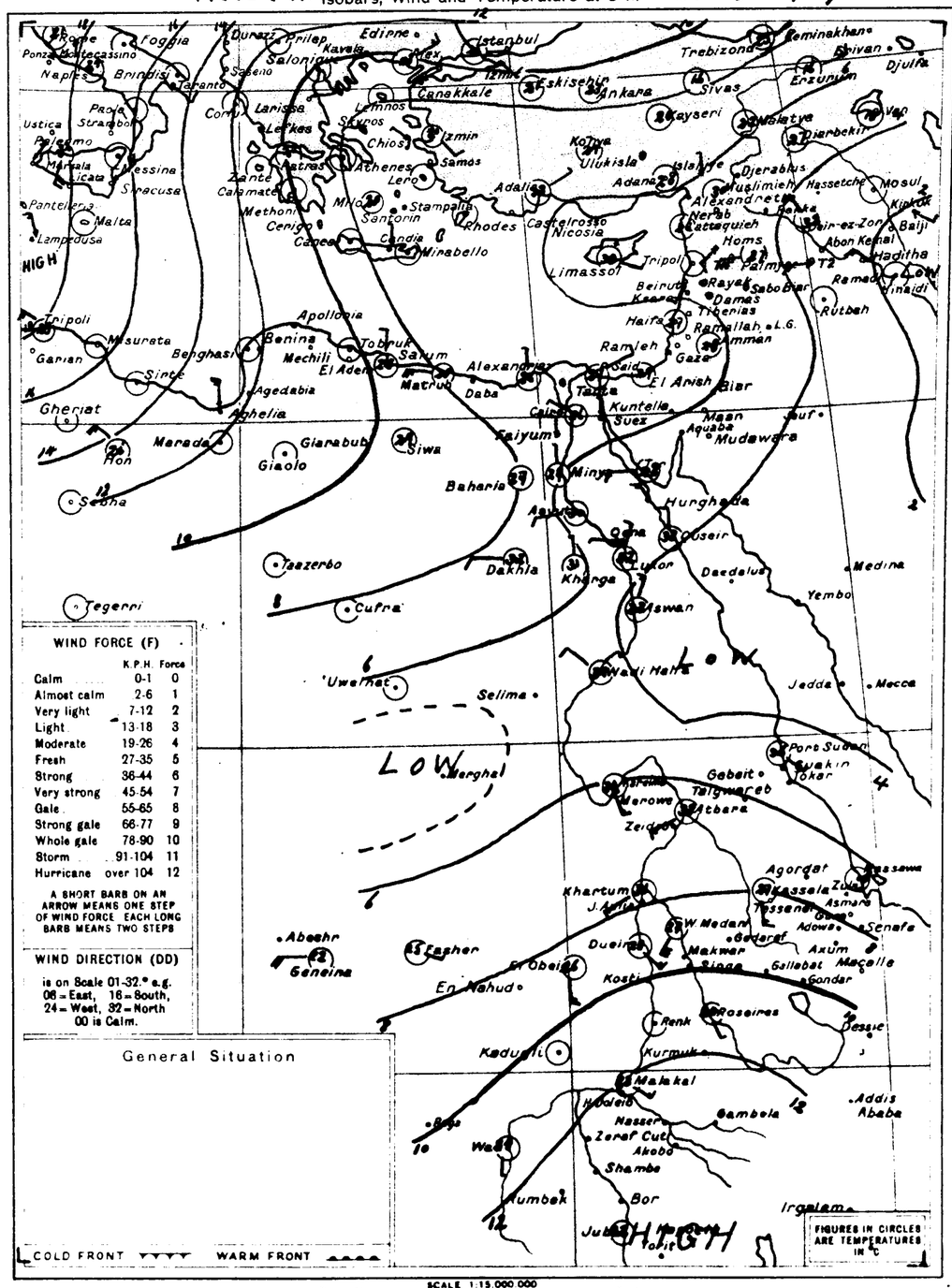


WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32.° e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

At 8 h. on 28-6 — الساعة ٨ يوم ٢٨

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Yesterday Max. °C (MM)	Diff. from norm. °C	Today Min. °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	10	1	0	0	—	5.0	-0.0	30	—	—	—	—		0	610	463
Malta	00	—	00	0	—	0	—	7.0	-0.4	27.9	32	+2	23	+2	73	0	589	647
SHIPS																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, ndw Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise h. 04 m. 56

" " Sunset h. 19 m. 00

Month JUNE 1939 ١٩٣٩ شهر يونيـــة

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 28-6 الساعة ١٤ يوم ٢٨-٦ — At 8 h. on THURSDAY 29th الساعة ٨ يوم الخميس ٢٩

STATION	14h: Present Weather ww	14h: Visibility V	14h: Wind Dir. DD	14h: Wind Force F	14h: Past Weather W	14h: Cloud Amount N	14h: Cloud Form C	14h: Bar. Press. M.S.L. 1000+ mbs PPP	14h: °C Temp. TTT	14h: % Humidity UU	8h: Present Weather ww	8h: Visibility V	8h: Wind Dir. DD	8h: Wind Force F	8h: Past Weather W	8h: Cloud Amount N	8h: Cloud Form C	8h: Bar Pressure M.S.L. 1000+ mbs PPP	8h: Diff. from normal mbs	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
SALUM	00	8	02	4	0	0	—	8.3	27.8	63	00	7	30	4	0	0	—	9.3	-2.3	23.6	30	—	20	—	75	0	82	—	130
MATRUH	00	7	28	4	0	0	—	7.8	25.6	84	02	7	26	4	2	5	As.	8.7	-2.8	24.2	26	-2	18	-2	81	0	122	160	131
DIKHEILA	00	8	30	3	0	0	—	8.0	26.1	80	41	2	26	1	4	5	St	9.5	—	23.0	27	—	19	—	95	0	94	—	150
ALEXANDRIA	00	9	28	2	0	0	—	6.8	28.5	69	40	0	00	0	4	9	—	8.8	-2.1	25.7	31	+2	22	+1	85	0	166	185	132
DAMIETTA											00	8	12	1	0	0	—	8.6	—	30.0	32	—	24	—	67	0	70	107	159
PORT SAID	00	7	02	3	0	0	—	6.2	31.1	73	00	8	04	2	0	0	—	8.4	-1.2	28.2	32	+2	25	+3	77	0	64	81	134
EL 'ARISH	00	7	32	3	0	0	—	6.2	32.0	45	00	7	00	0	0	0	—	8.8	—	29.7	32	—	—	—	55	0	130	93	135
DAMANHUR											00	7	08	2	0	0	—	8.8	-1.8	30.3	36	+3	21	+2	59	0	29	103	136
MANSURA											00	8	04	1	0	0	—	8.8	—	29.9	38	+3	23	+4	41	0	46	55	137
TANTA	00	7	00	0	0	0	—	5.6	36.5	41	00	7	00	0	0	0	—	8.8	-2.3	30.0	38	+3	20	+1	47	0	41	43	138
ZAGAZIG	00	8	20	1	0	0	—	5.9	38.8	27	00	8	10	1	0	0	—	10.2	—	31.8	38	+3	22	+3	42	0	31	21	139
CAIRO ALMAZA	00	8	02	1	0	0	—	6.8	38.1	26	05	6	30	1	4	0	—	8.4	—	30.4	38	—	21	—	48	0	18	—	141
CAIRO EZBEKIYA	00	9	00	0	0	0	—	5.4	38.5	20	05	5	30	1	0	0	—	8.0	-2.2	31.0	40	+5	23	+3	50	0	23	28	—
CAIRO GIZA	00	9	30	2	0	0	—	5.4	36.9	24	05	5	00	0	0	0	—	8.3	-2.7	27.9	38	+3	20	+2	59	0	23	21	—
HELWAN	00	8	02	2	0	0	—	4.8	37.5	13	05	5	00	0	0	0	—	7.9	-2.9	29.0	39	+4	26	+6	46	0	26	27	143
SUEZ	00	9	02	2	0	0	—	5.3	36.4	22	00	8	02	1	0	0	—	8.0	-1.6	29.8	38	+2	21	-1	51	0	27	11	144
FAIYUM	00	8	32	2	0	0	—	5.1	37.8	20	00	8	00	0	0	0	—	8.2	-2.7	32.2	40	+3	21	+1	41	0	7	8	153
MINYA	00	6	30	4	0	0	—	4.6	37.7	24	00	6	30	1	0	0	—	7.2	-2.5	29.5	39	+2	23	+2	37	0	4	—	154
ASYUT	00	7	26	2	0	0	—	4.4	39.8	19	00	6	22	2	0	0	—	7.1	-2.5	30.1	41	+4	24	+1	40	0	2	4	155
QENA	00	8	26	1	0	0	—	3.5	42.0	25	00	7	26	1	0	0	—	6.8	-1.4	31.0	43	+2	26	+2	42	0	dr.	—	156
LUXOR	00	8	28	1	0	0	—	—	43.2	—	00	8	32	1	0	0	—	6.8	—	32.8	45	—	24	—	33	0	dr.	—	157
ASWAN	00	7	00	0	0	0	—	0.8	45.6	16	00	7	02	2	0	0	—	4.8	-3.0	33.8	47	+5	29	+3	26	0	1	—	158
SIWA	00	8	00	0	0	0	—	7.8	44.2	42	00	8	00	0	0	0	—	8.3	-3.2	31.0	43	+6	21	+1	59	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	5.4	38.0	16	00	9	00	0	0	0	—	7.8	—	31.0	40	—	22	—	48	0	1	—	149
KHARGA	00	8	04	1	0	0	—	4.4	40.4	24																		tr.	151
DAKHLA	00	7	26	1	0	0	—	7.2	40.5	12	00	8	28	1	0	0	—	8.4	-1.4	30.0	42	+2	24	+1	22	0	dr.	—	152
TOR	00	6	28	3	0	0	—	3.5	34.0	51	00	6	28	2	0	0	—	5.9	-1.0	28.0	35	+1	20	-4	82	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	4.3	34.9	—	02	9	30	3	1	4	Sc.Ci	6.3	-1.3	32.1	37	+3	24	0	—	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	4.3	32.2	59	01	7	32	2	1	4	Ac.	5.8	-1.5	33.7	33	-1	27	+1	40	0	tr.	6	147
PORT SUDAN											02	—	20	1	0	4	—	5.8	+0.4	40.5	44	+4	29	+2	23	0	81	109	169
WADI HALFA											00	8	28	2	0	0	—	5.1	-3.1	33.7	45	+4	27	+4	22	—	—	—	165
KAREIMA											01	8	18	3	0	3	Ci.	6.6	-1.4	35.7	43	0	27	+1	13	0	3	4	166
ATBARA											00	—	18	4	0	0	—	8.3	+1.3	32.7	41	-1	28	+2	36	0	6	11	167
KHARTUM											01	8	18	1	1	4	Ac.Cc	8.8	+0.3	30.4	40	0	26	0	47	dr.	15	15	168
KASSALA											00	8	14	3	0	1	Ac.	8.8	-1.4	28.0	36	-1	23	-1	51	2	62	54	170
WAD MEDANI											00	—	17	5	0	0	—	9.0	-0.5	28.4	38	0	24	+1	53	0	89	63	171
DUEIM											00	—	—	3	0	0	—	9.1	-0.8	30.2	37	-1	26	+3	55	0	70	44	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	11.0	-0.6	27.2	33	-1	—	—	62	0	152	219	172
EL OBEID											01	8	20	3	0	3	Ac.	9.0	-2.1	26.5	35	-1	24	+2	69	4	93	65	174
EL FASHER											03	9	12	1	8	6	Sc,Ci	—	—	24.7	38	+1	22	0	47	1	18	32	175
GENEINA											03	8	08	1	2	6	St.Sc	—	—	22.0	36	—	20	—	92	2	58	—	179
KADUGLI																												—	187
MALAKAL											01	8	24	3	1	2	Ac.	11.6	-0.7	25.3	31	-1	22	+1	80	dr.	327	348	176
WAU											00	—	16	1	0	0	—	11.1	0.0	23.8	30	-3	20	0	85	0	485	537	177
JUBA											00	8	24	2	0	0	—	11.8	-0.9	24.0	31	-1	20	0	75	0	580	541	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

SALUM 7h	MATRUH 7h	DIKHEILA	CAIRO 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 7h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	SALUM 13h
02.33.30	02.30.20		02.09.10	02.33.05	02.29.25	02.02.10	03.35.20	06.28.05	06.19.30	06.17.25	07.23.25	06.24.15		02.36.20
05.06.10	05.27.10		05.08.15	05.09.15	05.01.25	05.06.30	06.36.35	10.34.25	10.27.20	10.18.30	10.23.30	10.17.25		05.15.05
08.21.10	10.19.10		10.05.15	08.05.15	10.01.10	10.34.10	10.01.40	15.34.25	15.26.15	15.25.20	15.14.15	15.16.10		07.06.05
10.21.15	15.17.10		15.04.15	10.04.20	15.01.10	15.09.15	15.36.30	20.34.20	20.30.10	20.29.20	20.11.35	20.09.05		10.36.10
15.20.35	20.15.05		20.36.10	15.03.15	20.27.30	20.09.10	20.34.30	25.34.10	25.13.10	30.31.30	30.13.10	30.12.25		15.36.10
20.22.35	25.25.10		25.29.20	20.31.15	30.22.25		30.15.05	30.30.10	30.21.30	33.30.10	40.12.05	40.11.25		20.04.15
22.21.30			30.27.25	23.29.20			40.14.25	40.10.20	40.19.55		44.07.05	50.12.20		25.02.35
	Fal. As.			25.27.30			47.15.40	50.10.45	50.30.30			56.13.10		28.36.35
				30.25.20				60.11.45	60.04.30					
				35.24.25					70.02.25					

Forecast for 24 hours from noon on

معرفة الطقس المنتظر في ٢٤ ساعة من ظهر يوم

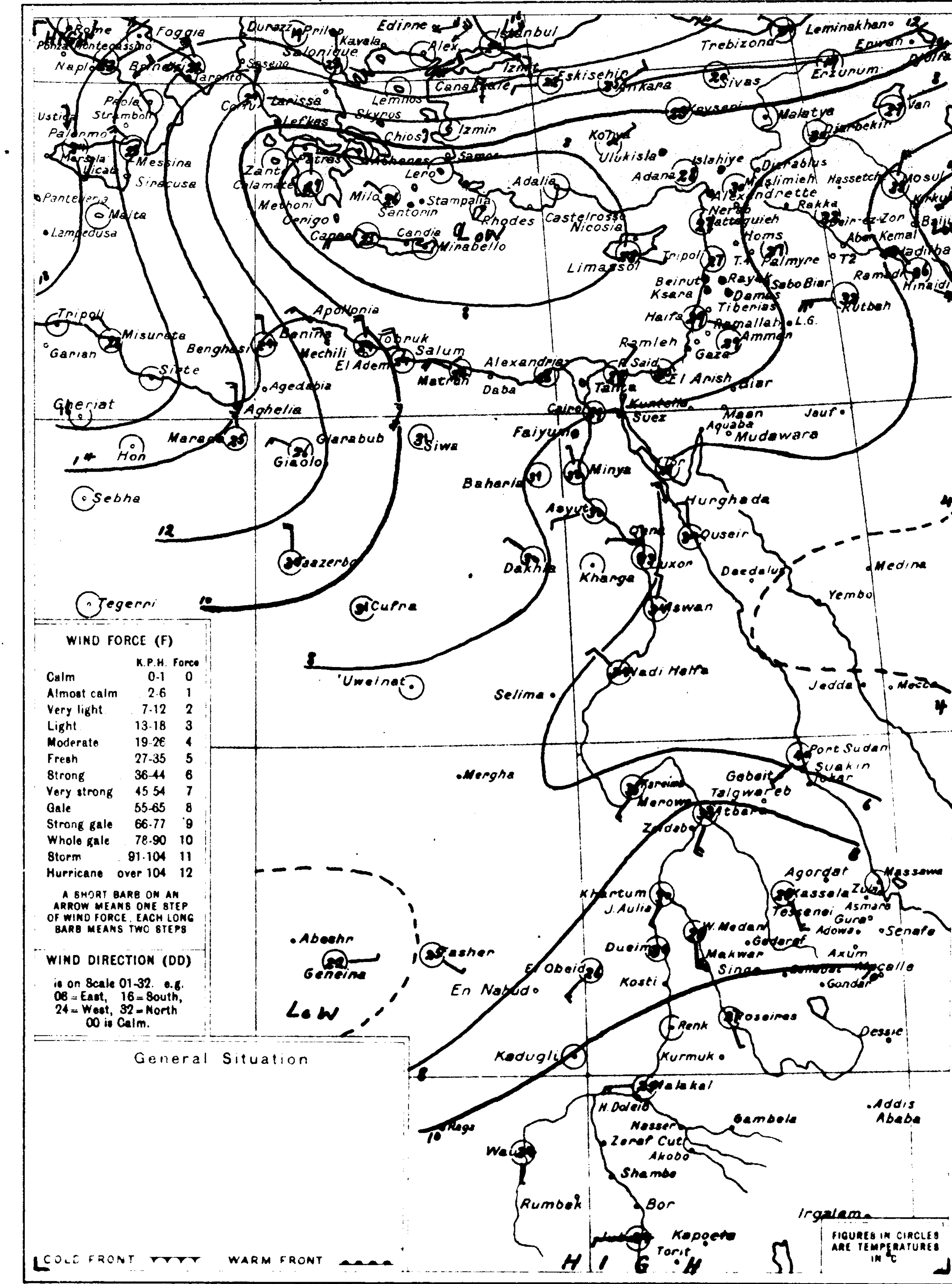
STATION	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp. on 28th	Diff. from normal
Alexandria	78	+5	23.6	+2.3
Ezbekiya	54	-3	22.6	+0.7
Giza	52	-4	22.3	+1.2
Helwan	41	-2	20.3	+1.7
Giza	29th	17.2		

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
29-6	1736	1435
28-6	1736	1411

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	28-6	13.55	+0.04	12.55	+0.04
Nasser	28-6	8.86	+0.39	8.82	+0.40
Malakal	28-6	11.43	+0.36	11.41	+0.36
Roseires	28-6	14.45	+0.68	14.35	+0.61
Sennar Res	28-6	7.27	—	7.34	—
J. Aulia U S	28-6	372.32	—	372.17	—
J. Aulia D S	28-6	371.66	+0.14	371.63	+0.13
Khartum	28-6	11.44	+0.10	11.38	+0.06
Kh. el Girba	28-6	11.32	-0.32	11.70	+0.14
Atbara	28-6	10.72	+0.07	10.69	+0.08
Kajnarti	28-6	132.72	+0.02	132.87	+0.08
Aswan Res	29-6	110.85	—	111.18	—
Aswan D S	29-6	87.08	+0.56	87.08	+0.58
Roda (Cairo)	29-6	15.95	+0.37	15.95	+0.37

29.6.39 Isobars, Wind and Temperature at 8 h. ٢٩-٦-٢٩



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

At 8 h. on 29th الساعة ٨ يوم ٢٩

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry Bulb °C TTT	Maximum Yester day °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms
Limassol	09	6	10	1	4	0	—	7.9	-0.9	28	—	—	—	—	—	0	610	414
Haifa	00	—	10	1	0	0	—	9.3	+2.0	28.7	34	+4	21	0	58	0	659	647
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO 1417 F.C.

Time of Sunrise 4 h. 56 m.
" " Sunset 7 h. 00 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JUNE 1939 ١٩٣٩ شهر يونيه

At 14 h. on 29-6 ٢٩-٦ الساعة ١٤ يوم — At 8 h. on FRIDAY 30th الساعة ٨ يوم الجمعة ٣٠

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALUM	00	7	02	6	0	0	—	10.0	23.7	84	00	7	28	3	0	0	—	12.7	+1.2	22.1	25	—	18	—	78	0	82	—	130
MATRUH	02	7	30	3	1	4	Cu	9.4	25.4	78	02	7	30	2	2	5	Cu	11.4	0.0	24.3	26	2	22	+2	74	0	122	160	131
DIKHEILA	00	8	30	3	4	0	—	9.6	26.2	78	01	8	32	2	1	3	Sc	11.0	—	25.3	27	—	22	—	84	0	94	—	150
ALEXANDRIA	00	9	02	3	0	0	—	9.0	27.5	76	02	9	04	1	2	5	Ac	10.6	-0.2	25.9	29	0	24	+3	83	0	166	185	132
DAMIETTA											00	8	12	2	0	0	—	9.8	—	29.2	33	—	23		64	0	70	107	159
PORT SAID	00	8	04	3	0	0	—	9.4	30.5	66	00	8	04	2	0	0	—	9.9	+0.4	27.6	32	+2	24	+2	74	0	64	81	134
EL'ARISH	00	7	32	3	0	0	—	8.8	29.9	66	00	7	00	0	0	0	—	10.2	—	28.8	34	—	—		64	0	130	93	135
DAMANHUR											00	7	32	2	0	0	—	10.4	-0.1	29.4	38	+5	20	+1	62	0	29	103	136
MANSURA											00	8	08	1	0	0	—	9.9	—	29.8	39	+4	22	+2	57	0	46	55	137
TANTA	00	7	00	0	0	0	—	8.2	37.0	26	00	7	00	0	0	0	—	9.6	-1.4	30.0	38	+2	20	+1	47	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	8.4	38.9	21	00	7	10	2	0	0	—	9.6	—	29.9	39	+4	21	+2	50	0	31	29	139
ALMAZA	00	8	32	2	0	0	—	7.6	39.6	24	00	8	06	4	0	0	—	9.6	—	32.8	41	—	24	—	28	0	18	—	141
EZBEKIYA	00	9	30	1	0	0	—	7.2	40.2	16	00	8	04	2	0	0	—	8.6	-1.5	32.5	41	+6	24	+4	27	0	23	28	—
GIZA	00	9	02	1	0	0	—	7.2	38.9	21	05	5	02	1	0	0	—	8.7	-2.2	29.9	40	+5	20	+2	47	0	28	28	—
HELWAN	00	8	30	2	0	0	—	6.2	39.9	16	05	5	06	2	0	0	—	8.0	-2.7	33.0	41	+6	25	+5	16	0	26	29	143
SUEZ	00	9	02	2	0	0	—	7.4	37.6	28	00	8	30	2	0	0	—	9.0	-0.4	29.6	40	+4	24	+2	28	0	27	18	144
FAIYUM	00	8	06	2	0	0	—	7.0	42.0	13	00	8	02	2	0	0	—	8.6	-2.2	33.1	44	+7	23	+3	29	0	7	8	153
MINYA	00	8	28	3	0	0	—	6.8	41.0	15	00	7	30	1	0	0	—	7.0	-2.6	29.8	41	+4	23	+2	44	0	4	—	154
ASYUT	00	8	30	2	0	0	—	5.9	42.0	16	00	6	22	3	0	0	—	6.8	-2.7	31.7	43	+6	20	+1	34	0	2	4	155
QENA	02	8	22	1	1	4	Cs	4.4	45.3	27	00	8	26	2	0	0	—	6.0	-1.5	31.9	44	+3	23	-1	45	0	tr.	—	156
LUXOR	00	8	30	2	0	0	—	4.8	44.8	—	00	8	30	1	0	0	—	6.2	—	35.3	47	—	24	—	26	0	tr.	—	157
ASWAN	01	7	16	1	1	3	Ci	2.7	47.2	20	00	7	32	2	0	0	—	5.1	-2.7	35.1	47	+5	30	+4	26	0	1	—	158
SIWA	00	8	00	0	0	0	—	7.2	42.0	40	00	8	00	0	0	0	—	12.0	+0.6	25.0	42	+5	21	+1	77	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	6.4	44.0	18	00	9	00	0	0	0	—	8.7	—	32.5	43	—	25	—	31	0	1	—	149
KHARGA	00	8	12	1	0	0	—	2.[illegible]	46.8	28	00	8	28	1	0	0	—	6.6	-1.9	37.2	47	+7	28	+5	32	0	tr.	tr.	151
DAKHLA	00	7	30	2	0	0	—	7.[illegible]	42.5	11	00	7	00	0	0	0	—	9.0	-0.7	32.0	45	+5	26	+3	21	0	tr.	—	152
TOR	01	6	28	2	0	1	Ci	5.[illegible]	35.2	55	00	6	28	4	0	0	—	5.6	-1.2	27.5	38	+4	25	+1	81	0	20	13	145
HURGHADA	02	9	06	2	1	4	Ci	6.[illegible]	34.5	—	00	9	30	3	0	0	—	6.2	-1.3	34.2	38	+3	27	+3	—	0	1	—	146
QUSEIR	02	7	32	3	1	5	Ac	6.[illegible]	33.3	48	00	7	32	3	0	0	—	5.8	-1.4	33.6	35	+1	28	+2	46	0	tr.	6	147
PORT SUDAN											02	—	28	2	0	4	—	4.6	-0.8	41.2	46	+6	29	+2	10	0	81	109	169
WADI HALFA											00	8	02	2	0	0	—	5.2	-2.9	34.2	46	+5	26	+3	27	—	—	—	165
KAREIMA											02	8	18	4	1	5	Cs	6.9	-1.1	34.0	44	+1	27	+1	10	0	3	4	166
ATBARA											00	—	22	3	0	0	—	5.5	-1.5	36.0	42	0	28	+2	10	0	6	11	167
KHARTUM											03	7	22	3	1	8	Ac,Cs	8.3	-0.2	30.6	42	+2	28	+2	42	0	15	16	168
KASSALA											01	8	18	4	0	2	Ac	8.0	-2.3	29.4	37	0	27	+3	52	0	62	55	170
WAD MEDANI											02	—	20	4	6	4	—	9.1	-0.4	25.1	40	+2	21	-2	77	5	94	65	171
DUEIM											03	—	—	3	1	7	—	9.0	-0.9	23.8	39	+1	21	-2	83	8	78	45	173
RENK																			—		—		—					—	182
ROSEIRES											00	—	18	1	6	0	—	11.1	-0.5	24.9	38	+4	22	+1	75	7	159	233	172
EL OBEID											25	7	12	5	8	8	Sc	—	—	22.7	36	0	23	+1	74	tr.	93	66	174
EL FASHER											02	8	28	2	0	5	Sc	—	—	29.5	36	-1	20	-2	36	0	18	32	175
GENEINA											03	8	24	1	1	6	Ac	—	—	23.0	37	—	19	—	74	tr.	58	—	179
KADUGLI																												—	187
MALAKAL											03	8	14	2	2	8	Ac	11.5	-0.8	24.7	33	+1	23	+2	82	tr.	327	353	176
WAU											02	—	16	1	0	4	—	9.9	-1.2	24.7	30	-3	20	0	86	1	486	542	177
JUBA											10	8	20	3	6	7	Cu,Sc	12.9	+0.2	21.9	32	0	20	0	91	19	599	546	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM 7 h.	MATRUH h. m.	DIKHEILA 8 h.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 3 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA h. m.	Salum 29-6 13 h.
02.36.15		02.04.10					03.36.20	06.30.20	06.20.45	06.20.25	07.27.20	06.26.15		02.02.30
05.27.05		05.11.20					06.55.65	10.35.50	10.23.05	10.22.35	10.28.35	10.27.10		05.31.20
10.33.15		10.02.05					10.35.60	15.01.50	15.26.45	15.23.25	15.26.20	15.26.05		08.06.05
11.30.15		13.00.00					15.35.45	20.03.35	20.31.25	20.31.10	20.10.25	20.13.10		10.20.05
15.24.20		15.15.10					20.36.30	25.02.25	25.30.25	30.04.35	25.01.35	30.16.15		15.23.25
20.20.40		20.12.10					30.36.25	30.36.20	30.22.20	34.36.25		37.15.15		20.20.30
25.19.50		25.18.10					35.36.15	40.07.15	39.01.25					25.20.40
28.19.55		30.17.15						46.09.20						30.19.55
		34.15.15												

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 29th	Diff. from normal	Mean of day Wet bulb temp. °C on 29th	Diff. from normal
Alexandria	80	+7	22.9	+2.5
Ezbekiya	40	-17	22.7	+0.8
Giza	46	-10	22.3	+1.1
Helwan	31	-12	20.0	+1.3

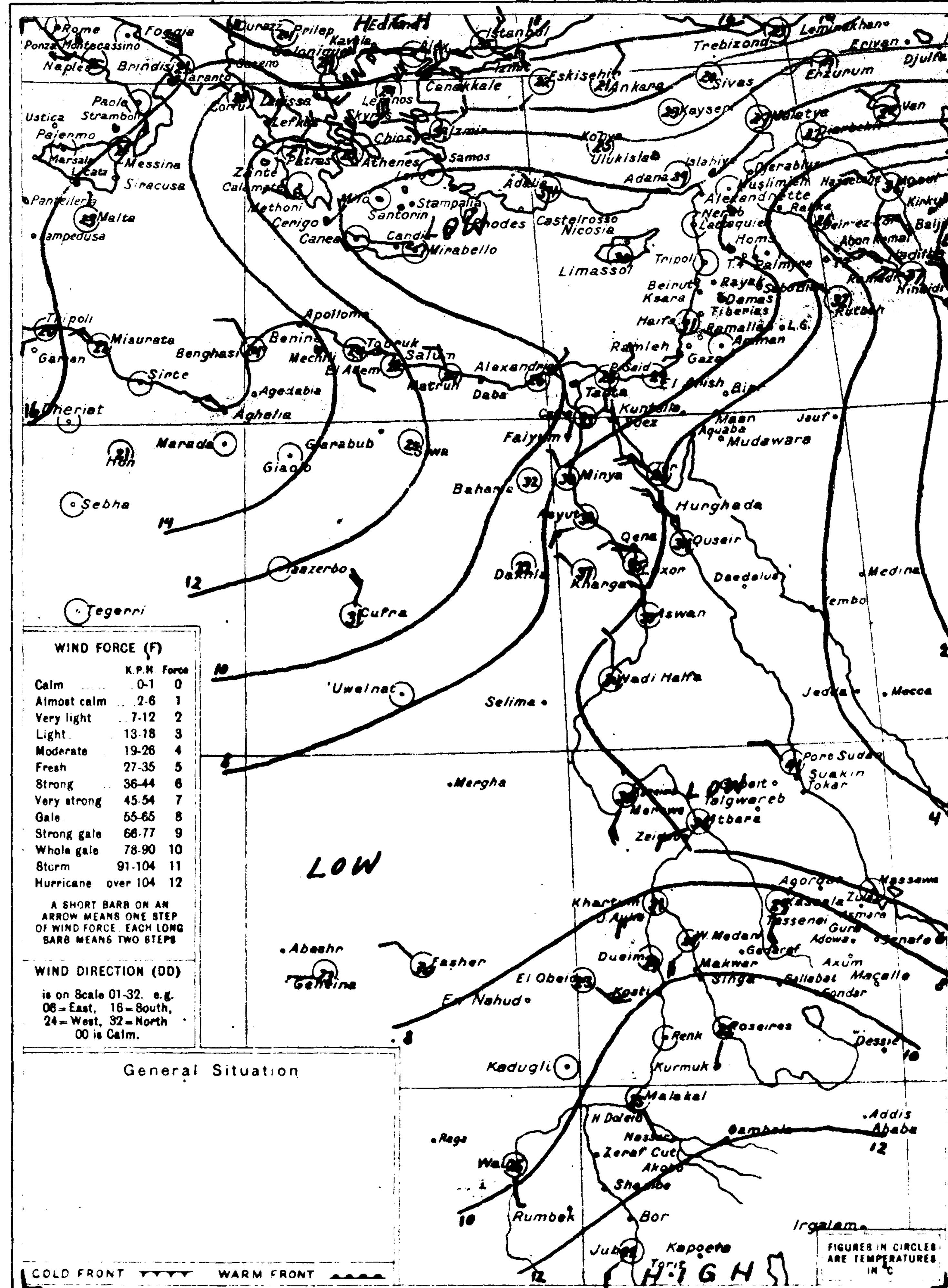
Giza Grass minimum on 30th 14.1 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
30-6	1736	1459
29-6	1736	1435

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading	Previous day Diff. from normal m.
Juba	28-6	13.55	+0.04	13.55	+0.04
Nasser	28-6	8.86	+0.39	8.82	+0.40
Malakal	28-6	11.43	+0.36	11.41	+0.36
Roseires	28-6	14.45	+0.58	14.35	+0.61
Sennar Res.	30-6	7.39	—	7.28	—
J. Aulia U.S	28-6	372.22	—	372.17	—
J. Aulia D.S	28-6	374.66	+0.14	371.63	+0.18
Khartum	28-6	11.44	+0.10	11.38	+0.06
Kh. el Girba	28-6	11.32	-0.32	11.70	+0.14
Atbara	28-6	10.72	+0.07	10.69	+0.08
Kajnarti	30-6	112.96	+0.19	112.82	+0.12
Aswan Res.	30-6	110.52	—	110.85	—
Aswan D.S	30-6	82.07	+0.53	87.08	+0.56
Roda (Cairo)	29-6	15.95	+0.37	15.98	+0.37

١٩٣٩-٦-٣٠ Isobars, Wind and Temperature at 8 h. 30-6-1939



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 30 th الساعة ٨ يوم ٣٠-٦

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	00	0	0	0	—	8.8	+0.1	30	—	—	—	—	—	0	610	464
Haifa	00	—	10	1	—	0	—	11.0	+2.8	31.2	32	+2	22	+1	44	0	559	647
Khargah	00	8	00	0	0	0	—	5.5	-3.1	36.4	42	+2	27	+4	36	0	tr.	8
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb