QC 871 .E3 D3 1939 (Jul.-Dec.)

CAIRO
Time of Sunrise h. m.
" " Sunset h. m.

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 30.6 / الساعة ١٤ يوم ٣٠/٦

Station	Present weather	Visibility	Wind Dir. DD	Wind Force F	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L. 1000+ mbs.	Temp. °C	Humidity %
SALUM	01	7	04	4	0	2	Cu	12.7	23.4	83
MATRUH	00	7	30	3	0	0	—	11.9	24.8	76
DIKHEILA	01	8	32	3	1	1	Sc	11.2	26.0	87
ALEXANDRIA	01	9	04	4	2	3	Ac	10.7	27.4	78
DAMIETTA										
PORT SAID	00	8	34	2	0	0	—	9.6	31.5	66
EL ARISH	00	7	32	2	0	0	—	8.6	31.8	68
DAMANHUR										
MANSURA										
TANTA	00	7	00	0	0	0	—	9.0	36.0	29
ZAGAZIG	00	8	02	1	0	0	—	9.3	38.4	19
CAIRO ALMAZA	00	8	02	4	0	0	—	8.3	40.0	29
CAIRO EZBEKIYA	00	9	02	4	0	0	—	7.8	41.0	14
CAIRO GIZA	00	9	00	0	0	0	—	7.5	37.4	18
HELWAN	00	7	02	4	0	0	—	7.0	41.6	03
SUEZ	00	9	32	2	0	0	—	7.4	38.6	22
FAIYUM	00	8	32	3	0	0	—	6.8	41.6	08
MINYA	00	7	02	3	0	0	—	6.3	42.3	16
ASYUT	00	7	24	3	0	0	—	5.9	42.8	14
QENA	00	8	26	2	0	0	—	3.6	44.2	27
LUXOR	00	8	30	2	0	0	—	4.3	46.1	—
ASWAN	00	7	00	0	0	0	—	2.2	46.5	20
SIWA										
BAHARIYA	00	9	00	0	0	0	—	7.5	43.0	16
KHARGA	00	8	32	2	0	0	—	4.2	47.0	27
DAKHLA	06	8	28	3	0	0	—	6.4	44.2	14
TOR	00	6	28	4	0	0	—	4.6	35.0	51
HURGHADA	00	9	04	3	0	0	—	6.0	35.6	—
QUSEIR	00	7	32	3	0	0	—	5.4	34.0	50
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 SATURDAY 1st / الساعة ٨ يوم السبت أول

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	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Rainfall Past 24 hrs	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	01	7	28	2	0	1	Cu	12.4	+1.1	[illegible]	25	—	17	—	[illegible]				130
MATRUH	00	7	26	2	0	0	—	11.8	+0.4	24.3	25	-3	20	0	80	0	122	160	131
DIKHEILA	00	8	28	3	0	0	—	12.2	—	25.0	27	—	24	—	80	0	94	—	150
ALEXANDRIA	00	9	30	1	0	0	—	11.2	+0.5	25.0	29	-1	23	+1	80	0	166	185	132
DAMIETTA	00	8	28	2	0	0	—	10.0	—	27.2	34	—	23	—	70	0	70	107	159
PORT SAID	00	7	02	2	0	0	—	10.3	+0.9	26.8	33	+3	23	+1	83	0	64	81	134
EL ARISH	00	7	24	2	0	0	—	9.9	—	29.0	34	—	—	—	67	0	130	93	135
DAMANHUR	00	7	32	2	0	0	—	11.2	+0.7	28.0	36	+3	21	+2	63	0	29	103	136
MANSURA	00	8	02	1	0	0	—	10.8	—	27.7	38	+3	23	+3	62	0	46	55	137
TANTA	00	7	00	0	0	0	—	11.0	+0.1	27.5	37	+1	20	0	57	0	41	43	138
ZAGAZIG	00	8	02	2	0	0	—	11.1	—	28.8	39	+4	20	+1	66	0	31	29	139
CAIRO ALMAZA	05	6	02	3	2	4	St	11.4	—	26.1	41	—	20	—	77	0	18	—	141
CAIRO EZBEKIYA	01	6	02	2	0	2	Cu	11.1	+1.1	27.0	42	+7	21	0	74	0	23	28	—
CAIRO GIZA	00	6	02	1	2	0	—	11.0	+0.1	26.0	40	+5	20	+2	76	0	23	28	—
HELWAN	05	6	30	4	1	2	Cu	10.7	+0.1	24.6	43	+8	21	+1	77	0	26	29	143
SUEZ	00	8	30	3	0	0	—	9.8	+0.5	28.4	41	+5	23	+1	63	0	27	18	144
FAIYUM	00	8	32	4	0	0	—	10.6	-0.1	27.0	45	+8	23	+3	63	0	7	8	153
MINYA	00	5	32	4	0	0	—	8.8	-0.8	27.8	43	+6	24	+3	57	0	4	—	154
ASYUT	00	6	20	3	0	0	—	8.4	-1.0	29.0	43	+6	23	0	40	0	2	4	155
QENA	00	7	26	2	0	0	—	6.6	-0.9	32.8	46	+5	26	+2	38	0	dr	—	156
LUXOR	00	8	24	1	0	0	—	6.0	—	36.0	47	—	25	—	25	0	dr	—	157
ASWAN	00	7	02	2	0	0	—	5.1	-2.6	34.5	48	+6	31	+5	24	0	1	—	158
SIWA	00	8	00	0	0	0	—	13.1	+1.7	—	39	+2	20	0	64	0	7	8	[illegible]
BAHARIYA	00	9	32	1	0	0	—	12.3	—	26.0	44	—	22	—	76	0	1	—	149
KHARGA	00	8	32	1	0	0	—	8.0	-0.5	35.4	47	+7	29	+6	35	0	dr	Tr	151
DAKHLA	00	8	28	4	0	0	—	10.3	+0.7	32.5	45	+5	26	+3	31	0	dr	—	152
TOR	00	6	28	4	0	0	—	5.8	-1.0	28.5	37	+3	25	+1	73	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	6.3	-1.0	32.4	37	+2	27	+3	—	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	6.2	-0.9	32.8	36	+2	29	+3	45	0	tr	6	147
PORT SUDAN	30	—	—	4	3	9	—	4.2	-1.2	41.8	45	+5	31	+4	25	0	81	109	169
WADI HALFA	01	8	02	4	0	1	Ac	4.8	-3.3	34.2	48	+7	29	+6	13	—	—	—	165
KAREIMA	05	7	12	4	1	3	Ci	6.0	-2.0	33.9	45	+2	31	+5	18	0	3	4	166
ATBARA	30	—	20	8	3	9	—	6.2	-0.9	32.7	45	+3	30	+4	32	0	6	11	167
KHARTUM	05	6	22	4	1	8	Ac,Cs	8.0	-0.6	31.3	42	+2	29	+3	37	0	15	16	168
KASSALA	01	8	16	4	0	2	Ac,Cu	8.0	-2.4	27.8	39	+2	25	+1	57	0	62	56	170
WAD MEDANI	02	—	14	5	5	4	—	8.0	-1.6	28.3	37	-1	24	+1	46	dr	94	66	171
DUEIM	03	—	—	3	2	7	—	9.4	-0.5	28.0	35	-3	23	0	65	0	78	48	173
RENK									—			—		—				—	182
ROSEIRES	00	—	14	1	2	0	—	11.1	-0.5	24.8	34	+1	21	0	82	6	165	227	172
EL OBEID	03	8	16	4	0	8	As	11.6	+0.4	24.5	36	0	23	+1	68	1	94	67	174
EL FASHER	02	8	28	1	1	5	St	—	—	25.3	38	+1	21	-1	54	0	18	33	175
GENEINA	03	8	24	2	2	6	St	—	—	23.1	37	—	22	—	83	2	60	—	179
KADUGLI																		—	187
MALAKAL	03	8	02	3	5	8	As.	13.1	+0.8	22.3	31	-1	21	0	82	8	335	358	176
WAU	40	—	04	1	1	9	—	11.6	+0.5	22.5	33	0	21	+1	93	0	486	548	177
JUBA																		551	178

UPPER WINDS ON 1st / الرياح العليا يوم أول

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO h. m.	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 h. m.	Geneina 5 h.
02.32.10	02.31.15	02.33.20		02.01.25	02.34.15	02.01.20	03.01.25	06.07.20	06.22.60	06.18.35	07.18.30	06.03.15		10.27.25
05.36.30	05.32.20	05.35.25		05.02.30	05.36.30	05.03.45	06.03.55	10.04.45	10.21.75	10.19.30	10.17.50	10.34.25		15.18.20
10.31.35	10.30.35	10.35.20		08.03.35	10.36.35	10.02.55	10.02.75	15.04.35	15.21.45	15.22.15	15.18.50	15.36.05		20.16.15
15.29.40	15.31.35	15.30.20		10.02.10	15.02.35	15.02.40	15.02.35	20.04.30	20.28.50	20.24.10	20.21.30	20.10.10		30.07.25
19.29.50	—	17.26.15		15.02.10	20.01.30	20.03.25	20.01.25	25.04.30	25.32.45	30.32.10	30.27.25	30.23.05		
—	—	18.24.20		20.36.10			25.01.25	30.04.35	30.36.55	31.35.10	40.30.20	40.10.45		
—	—	20.24.20		22.29.05				40.05.25	40.05.60		47.27.10	45.10.55		
		25.24.35						50.08.35	50.01.10					
		30.22.35						60.10.35						
		35.21.35						65.11.45						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 30-6	Diff. from normal	Wet bulb temp °C on 30-6	Diff. from normal
Alexandria	83	+10	23.9	+2.6
Ezbekiya	29	-28	21.2	-0.8
Giza	40	-17	22.0	+0.8
Helwan	15	-28	18.6	-0.1

Giza Grass minimum on 1st 17.6 °C

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

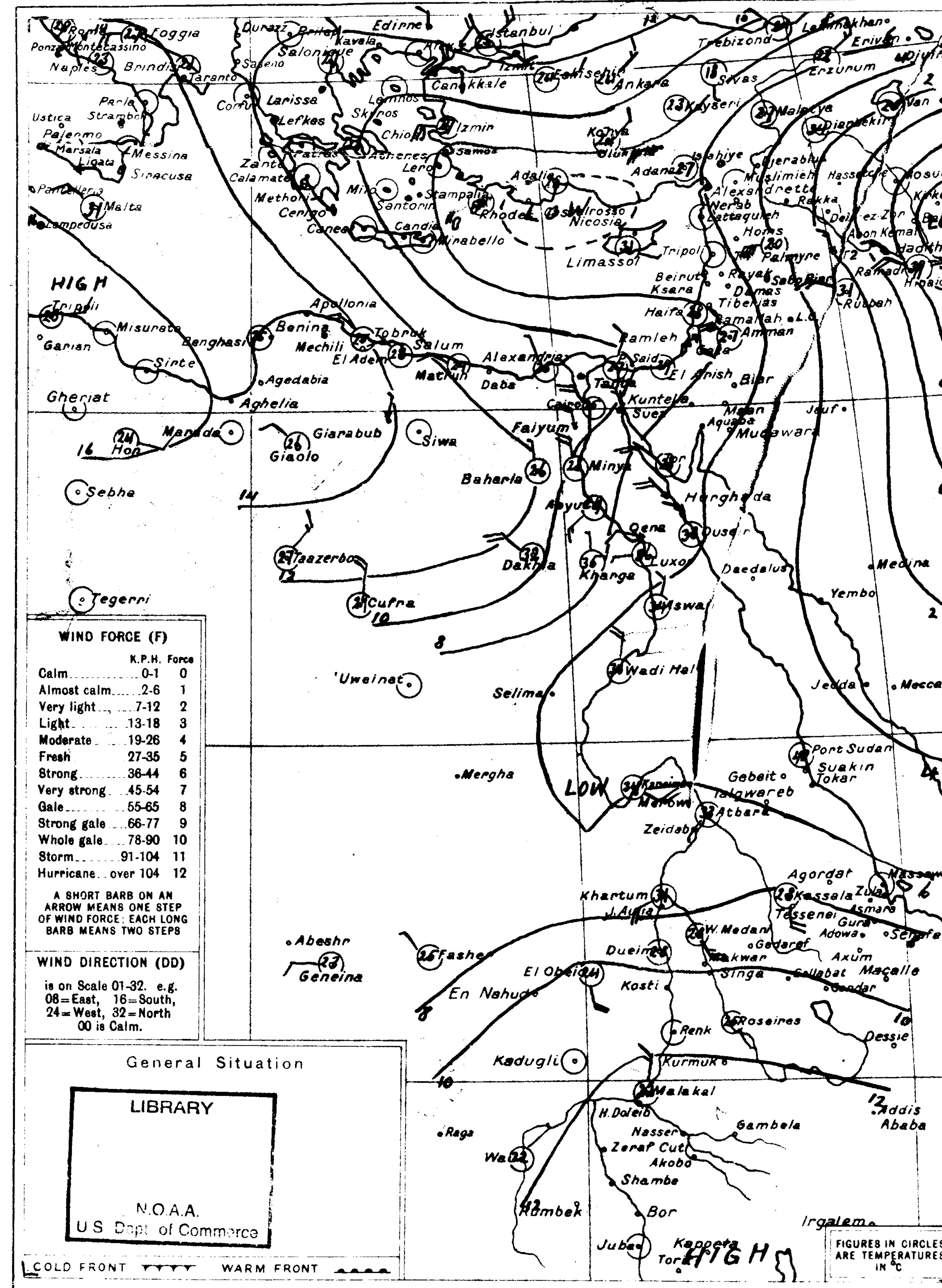
Date	1939	1938
1-7	1736	1492
30-6	1736	1459

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	30-6	13.57	+0.05	13.51	-0.01
Nasser	30-6	8.91	+0.35	8.89	+0.37
Malakal	30-6	11.44	+0.35	11.44	+0.36
Roseires	30-6	14.62	+0.57	14.38	+0.42
Sennar Res.	30-6	7.39	—	7.28	—
J. Aulia U.S	29-6	372.22	—	372.22	—
J. Aulia D.S	29-6	371.71	+0.17	371.66	+0.14
Khartum	30-6	11.73	+0.30	11.61	+0.22
Kh. el Girba	30-6	11.33	-0.44	11.62	-0.09
Atbara	30-6	10.80	+0.07	10.73	+0.04
Kajnarti	30-6	132.96	+0.19	132.82	+0.12
Aswan Res.	1-7	110.22	—	110.52	—
Aswan D.S	1-7	87.08	+0.51	87.08	+0.53
Roda (Cairo)	1-7	15.97	+0.38	15.97	+0.38

OCT 2 ? 1946 WEATHER BUREAU

Printed by the Survey & Mines Dept. 1938 (38-354)

Isobars, Wind and Temperature at 8 h. 1-7-1939. ١-٧-١٩٣٩



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

LIBRARY
N.O.A.A.
U.S. Dept. of Commerce

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 1st / الساعة ٨ يوم ١-٧

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	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	10	1	0	0	—	6.8	-1.8	31	—	—	—	—	—	0	610	464
Haifa	01	—	16	3	—	3	—	9.3	+2.3	28.1	34	+4	23	+2	68	0	559	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	16
Rain in past hour	20-2
Slight Thunderstorm	2
Heavy Thunderstorm	2
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	4
Thick ,, ,, ,, ,,	4
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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

70310

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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

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

Month JULY 1939 شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 1-7. / At 8 h. on SUNDAY 2nd الأحد

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. PPP	14h Temp. TTT	14h Humidity 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	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity UU	Rain past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station number
SALLUM	01	7	04	3	1	3	Cu	12.8	24.9	79	00	7	28	4	0	0	—	12.4	+1.1	24.6	27	—	20	—	56	0	82	—	130
MATRUH	00	7	28	4	0	0	—	12.2	25.6	76	03	7	26	4	2	6	Sc	11.2	-0.1	23.8	26	-2	20	0	86	0	122	160	131
DIKHEILA	00	8	30	3	0	0	—	12.6	26.0	76	02	7	26	3	1	4	Sc	11.5	—	25.6	26		22	—	73	0	94	—	150
ALEXANDRIA	00	9	28	3	0	0	—	11.6	27.3	69	02	9	28	2	2	5	Ac	10.8	+0.2	25.2	29	-1	23	+1	75	0	166	185	132
DAMIETTA											02	8	28	2	2	5	Cu	9.9	—	26.4	30	—	21	—	73	0	70	107	159
PORT SAID	00	7	30	3	0	0	—	10.0	31.8	62	01	7	26	3	1	3	Ac	9.9	+0.6	25.7	32	+2	23	+1	80	0	64	81	134
EL ARISH	00	7	32	3	0	0	—	10.0	28.8	73	02	7	00	0	1	4	Cu	10.0	—	27.1	30	—	20	—	78	0	130	93	135
DAMANHUR											01	7	22	3	1	3	Cu	11.0	+0.6	27.8	34	+1	19	0	66	0	29	103	136
MANSURA											01	8	24	1	1	3	Sc	10.3	—	25.7	36	+1	20	0	73	0	46	55	137
TANTA																											41	43	138
ZAGAZIG	00	8	30	1	0	0	—	9.8	35.3	29	02	8	28	1	1	5	Cu	11.1	—	26.6	35	0	19	0	74	0	31	29	139
ALMAZA	00	8	32	3	0	0	—	9.5	36.1	41	05	6	32	1	0	3	Cu	11.5	—	25.8	40	—	22	—	72	0	18	—	141
EZBEKIYA	00	7	32	1	0	0	—	9.3	36.7	28	02	7	28	2	1	4	Cu	11.1	+1.2	26.4	38	+3	22	+1	68	0	23	28	—
GIZA	00	7	32	1	0	0	—	9.3	35.9	32	02	6	30	1	1	4	Cu	11.0	+0.2	24.7	37	+2	20	+2	78	0	23	28	—
HELWAN	00	7	28	2	0	0	—	8.6	36.4	17	05	5	32	2	0	0	—	10.6	+0.1	26.1	38	+3	21	0	49	0	26	29	143
SUEZ	00	9	02	3	0	0	—	8.7	34.3	36	01	7	32	2	1	2	Cu	10.7	+1.5	25.2	38	+2	23	+1	77	0	27	18	144
FAYUM	00	8	32	4	0	0	—	8.4	38.0	37	00	8	32	3	0	0	—	10.8	+0.2	26.8	40	+3	22	+2	60	0	7	8	153
MINYA	00	6	32	4	0	0	—	8.3	37.2	32	00	6	02	3	0	0	—	10.2	+0.7	27.2	38	+1	22	+1	59	0	4	—	154
ASYUT	00	7	26	3	0	0	—	7.2	39.2	16	00	7	04	2	0	0	—	9.1	-0.2	31.6	41	+4	25	+2	38	0	2	4	155
QENA	00	8	28	4	0	0	—	4.6	45.0	15	00	8	24	2	0	0	—	7.2	-0.2	31.7	46	+5	25	+1	32	0	dr	—	156
LUXOR	00	8	26	3	0	0	—	4.7	43.9	—	00	8	22	1	0	0	—	7.5	—	35.2	45	—	26	—	30	0	dr	—	157
ASWAN	00	7	32	4	0	0	—	2.7	46.5	16	00	7	30	1	0	0	—	7.0	-0.7	32.8	47	+5	29	+3	29	0	1	—	158
SIWA	00	8	00	0	0	0	—	11.9	36.0	47	00	8	00	0	0	0	—	14.0	+2.6	31.0	38	+1	20	0	59	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.3	39.0	24	00	9	00	0	0	0	—	12.2	—	27.0	39	—	20	—	56	0	1	—	149
KHARGA	00	8	04	3	0	0	—	4.2	44.9	23	00	8	32	3	0	0	—	8.7	+0.3	31.2	45	+5	26	+3	41	0	dr	tr	151
DAKHLA	00	8	30	5	0	0	—	8.3	41.0	17	05	6	30	2	0	0	—	11.6	+2.1	30.2	42	+2	24	+1	43	0	dr	—	152
TOR	00	6	28	5	0	0	—	4.6	32.3	67	00	6	28	6	0	0	—	6.2	-0.5	28.0	37	+3	25	+1	76	0	20	13	145
HURGHADA	00	9	02	4	0	0	—	5.8	33.6	—	00	9	30	5	0	0	—	7.0	-0.3	31.5	36	+1	26	+2	—	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	5.5	35.0	42	00	7	32	3	0	0	—	6.7	-0.3	30.8	35	+1	27	+1	51	0	tr	6	147
PORT SUDAN											00	—	20	4	3	0	—	3.6	-1.7	41.0	47	+7	31	+4	20	0	81	109	169
WADI HALFA											01	8	02	4	0	1	Ac	6.8	-1.3	34.1	48	+7	29	+6	22	—	—	—	165
KAREIMA											05	7	12	2	1	4	Ci	6.0	-2.0	33.8	46	+3	25	-1	36	0	3	4	166
ATBARA											02	—	20	3	0	4	—	6.7	-0.4	34.3	43	+1	31	+5	29	0	6	12	167
KHARTUM											18	6	24	4	0	2	Ac	7.3	-1.3	31.7	41	+1	28	+2	43	0	15	18	168
KASSALA											00	8	14	3	0	0	—	7.6	-2.8	28.3	37	0	25	+1	57	0	62	59	170
WAD MEDANI											00	—	18	6	0	0	—	8.4	-1.2	30.7	40	+2	26	+3	47	0	94	70	171
DUEIM											00	—	—	3	0	0	—	8.7	-1.2	29.8	39	+1	26	+3	55	0	78	51	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	11.4	-0.3	24.2	34	+1	21	0	76	2	167	233	172
EL OBEID											01	8	18	5	0	4	Ac	8.6	-2.6	27.1	36	0	24	+2	63	0	94	70	174
EL FASHER											25	8	14	3	1	5	Cu	—	—	26.5	36	-1	25	+3	56	dr	18	36	175
GENEINA											03	8	24	3	1	6	Ac,As	—	—	24.8	38	—	23	—	68	0	60	—	179
KADUGLI																												—	187
MALAKAL											03	8	16	3	8	7	Ac	11.5	-0.8	24.5	33	+1	21	0	84	1	336	364	176
WAU											50	—	16	1	1	8	—	11.6	+0.4	24.6	31	-2	22	+2	92	0	486	554	177
JUBA											01	8	00	0	0	4	Ac	12.4	-0.3	24.5	32	0	21	+1	92	0	609	555	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.

2nd

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 7h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	SALUM 1st 13h
02.33.25	ent. Sc	02.29.20		02.33.25	02.36.15	02.34.10	03.03.35	06.24.10	06.24.45	06.19.20	07.21.40	06.13.15		02.03.20
05.36.20		05.29.20		05.34.20	05.02.30	05.35.45	06.02.55	10.03.15	10.25.80	10.21.30	10.22.65	10.13.15		05.34.06
10.32.25		ent. Cu.		10.35.25	10.35.50	10.36.40	10.01.35	14.03.50	15.25.60	15.23.25	15.22.50	15.16.15		10.29.15
15.33.50				15.31.45	15.34.55	15.35.25	15.01.40		20.25.30	20.29.20	20.07.15	20.07.05		15.29.30
20.35.40				20.30.35	20.34.50	20.31.45	20.01.20		25.34.20	30.03.30	30.06.25			19.28.35
25.35.50				23.28.20		25.30.50	28.01.40		30.02.30	33.03.50	40.10.05			
30.33.35				25.28.30					39.02.20		46.10.10			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	78	+5	22.5	+1.0
Ezbekiya	55	-2	22.7	+0.7
Giza	59	+2	22.5	+1.3
Helwan	55	+11	21.0	+2.2

Giza Grass minimum on 2nd 17.3°C

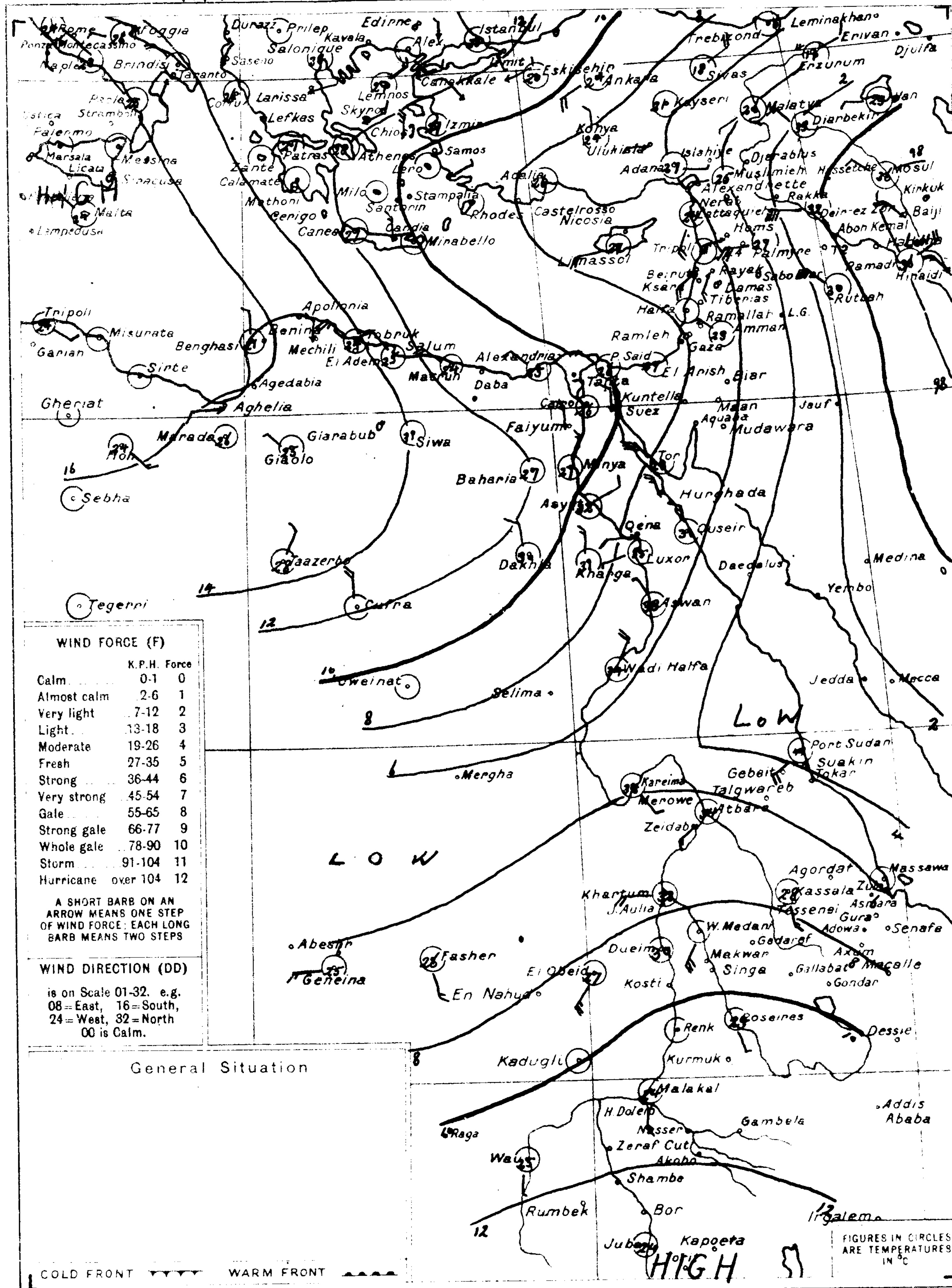
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
2-7	1736	1493
1-7	1736	1492

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1-7	13.60	+0.07	13.57	+0.05
Nasser	30-6	8.91	+0.35	8.89	+0.37
Malakal	2-7	11.48	+0.35	11.45	+0.34
Roseires	1-7	14.42	+0.27	14.62	+0.57
Sennar Res	1-7	7.40	—	7.39	—
J. Aulia U.S	29-6	372.22	—	372.22	—
J. Aulia D.S	29-6	371.71	+0.17	371.66	+0.14
Khartum	2-7	11.74	+0.19	11.76	+0.27
Kh. el Girba	1-7	11.40	-0.42	11.33	-0.44
Atbara	2-7	11.04	+0.22	10.93	+0.14
Kajnarti	1-7	133.08	+0.26	132.96	+0.19
Aswan Res.	2-7	109.90	—	110.22	—
Aswan D.S.	2-7	87.08	+0.49	87.08	+0.51
Roda (Cairo)	2-7	15.95	+0.35	15.97	+0.38

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

Isobars, Wind and Temperature at 8 h. 2-7-1939 ١٩٣٩-٧-٢



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

At 8 h. on 2nd الساعة ٨ يوم ٢منه

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	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity UU	Rain past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	6	22	4	4	2	—	7.0	-1.4	27	—	—	—	—	—	0	610	464
Haifa																		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 04 h 57 m
" " Sunset 19 h 00 m

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 8 h. on 2-7 / ٢-٧ — At 8 h. on MONDAY 3rd / الاثنين ٣

STATION	ww (2-7)	V	DD	F	W	N	C	Bar.	Temp.	Humidity	ww (3rd)	V	DD	F	W	N	C	M.S.L. 1000+ mbs.	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	Station number
SALUM	00	8	30	5	0	0	—	11.6	31.0	48	00	8	30	6	0	0	—	11.6	+0.4	24.9	32	—	21	—	66	0	82	—	130
MATRUH	00	7	28	5	0	0	—	11.2	25.5	82	01	7	26	5	0	3	Cu	9.8	-1.4	24.8	26	-2	23	+3	86	0	122	160	131
DIKHEILA	01	8	28	4	1	4	Sc	11.4	26.0	76	01	8	26	4	0	2	Cu	9.6	—	25.4	27	—	24	—	82	0	94	—	150
ALEXANDRIA	01	9	28	4	2	3	AC	10.4	27.1	70	00	9	28	4	0	0	—	8.4	-2.1	26.6	29	-1	23	+1	76	0	166	185	132
DAMIETTA											01	8	28	2	1	3	Ac	7.5	—	26.1	28	—	24	—	80	0	70	107	159
PORT SAID	00	7	30	4	1	0	—	9.3	30.8	67	02	7	20	3	1	4	Ac	7.8	-1.4	26.3	31	+1	24	+2	79	0	64	81	134
EL ARISH	00	7	28	3	1	0	—	9.4	27.7	76	00	7	20	2	1	0	—	7.5	—	27.1	29	—	22	—	78	0	130	93	135
DAMANHUR											01	8	24	4	1	3	Cu	8.8	-1.5	27.1	31	-2	21	+2	71	0	29	103	136
MANSURA											01	7	28	2	1	3	Sc	8.2	—	26.3	32	-3	21	+1	73	0	46	55	137
TANTA	02	7	28	4	1	4	Ac	9.8	32.0	49	01	7	28	3	1	3	AC	8.3	-2.4	26.5	33	-3	20	0	77	0	41	43	138
ZAGAZIG	01	8	20	3	1	3	Cs	9.0	32.4	44	02	8	20	2	1	4	Cc	8.8	—	26.8	32	-3	21	+2	76	0	31	29	139
ALMAZA	01	8	28	3	1	3	st	9.9	32.0	58	05	6	26	2	2	5	Cu	10.4	—	25.6	34	—	23	—	79	0	18	—	141
EZBEKIYA	01	8	32	2	0	2	Cu	9.0	32.8	40	01	6	30	2	1	3	Cu	9.3	-0.5	26.2	35	0	23	+2	73	0	23	28	—
GIZA	01	8	32	2	0	2	Cu	8.6	32.3	43	02	6	30	2	1	4	Cu	9.1	-1.6	25.2	33	-2	22	+3	76	0	23	28	—
HELWAN	01	7	28	4	0	2	Cu	9.0	31.2	37	05	5	28	2	2	5	Cu	9.0	-1.5	24.0	33	-2	22	+1	75	0	26	29	143
SUEZ	00	8	30	2	0	0	—	8.4	32.2	39	02	7	26	2	1	5	Cu	8.7	-0.5	26.3	34	-2	24	+1	66	0	27	18	144
FAYUM	00	8	32	4	0	0	—	9.1	33.7	30	01	7	32	1	1	4	Cu	—	—	25.3	35	-2	22	+2	69	0	7	8	153
MINYA	00	7	32	4	0	0	—	8.7	34.0	33	00	7	30	3	0	0	—	9.3	-0.2	25.8	35	-2	21	0	70	0	4	—	154
ASYUT	00	7	26	4	0	0	—	8.3	34.8	25	00	6	30	3	0	0	—	8.8	-0.4	26.0	36	-1	22	-1	66	0	2	4	155
QENA	00	8	30	4	0	0	—	5.5	39.8	19	00	8	26	3	0	0	—	6.4	-0.9	30.0	41	0	24	0	42	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	5.9	39.2	22	00	8	26	2	0	0	—	6.7	—	31.0	41	—	25	—	40	0	dr	—	157
ASWAN	00	7	32	4	0	0	—	4.0	42.0	18	00	7	28	4	0	0	—	6.6	-1.0	29.9	43	+1	26	0	37	0	1	—	158
SIWA	00	8	00	0	0	0	—	12.4	36.7	51	00	8	00	0	0	0	—	13.0	+1.7	28.0	40	+3	20	0	70	0	7	8	148
BAHARIA	00	9	24	1	0	0	—	9.5	35.0	44	00	9	00	0	0	0	—	10.8	—	26.0	35	—	21	—	69	0	1	—	149
DAKHLA	00	8	04	3	0	0	—	6.8	37.8	29	00	8	32	3	0	0	—	8.2	-0.2	28.7	38	-2	26	+3	36	0	dr	tr	151
KHARGA	00	7	02	4	0	0	—	10.0	36.2	47	00	8	30	3	0	0	—	10.6	+1.1	28.0	37	-3	23	0	44	0	dr	—	152
TOR	00	6	28	6	0	0	—	5.5	35.0	51	00	6	28	6	0	0	—	—	—	28.0	35	+1	26	+2	77	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	5.6	34.2	—	60	9	30	4	0	0	—	5.9	-1.3	28.8	35	0	27	+3	—	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	5.6	32.3	53	00	7	32	4	0	0	—	5.8	-1.2	29.3	33	-1	27	+1	60	0	tr	6	147
PORT SUDAN											00	—	32	2	0	0	—	3.8	-1.4	35.5	45	+5	29	+2	35	0	81	110	169
WADI HALFA											01	8	02	3	0	1	Ci	6.9	-1.1	31.1	44	+3	27	+4	31	—	—	—	165
KAREIMA											05	7	32	4	0	3	Ci	6.1	-1.9	34.0	46	+3	29	+3	22	0	3	5	166
ATBARA											00	—	26	3	1	0	—	5.0	-2.2	35.8	44	+2	31	+5	22	0	6	12	167
KHARTOUM											18	4	22	5	1	4	Ac,Cu	7.4	-1.2	30.0	42	+2	28	+2	53	0	15	19	168
KASSALA											01	8	18	4	0	3	Ac	7.5	-3.0	27.8	38	+1	25	+1	51	0	62	62	170
WAD MEDANI											00	—	20	4	0	0	—	7.8	-1.9	30.3	39	+1	24	+1	38	0	94	74	171
DUEIM											02	—	—	3	0	4	—	—	—	28.4	38	0	24	+1	50	0	78	54	173
[illegible]																													182
ROSEIRES											00	—	14	1	6	0	—	11.1	-0.6	23.7	36	+3	21	0	84	7	174	239	172
EL OBEID											97	7	10	3	9	8	Cu,Sc	7.8	-3.4	20.5	36	0	19	-3	91	13	107	73	174
EL FASHER																												40	175
GENEINA																												—	179
KADUGLI																												—	157
MALAKAL																												370	176
WAU											02	—	20	1	1	4	—	9.6	-1.6	25.8	33	0	22	+2	75	0	486	561	177
JUBA											10	8	20	2	0	6	Cu,Sc	12.8	+0.1	22.9	32	0	22	+2	91	0	609	560	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.

3rd

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.	HELWAN 8.30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 3 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL	JUBA	SALUM 2nd 13 h.
02.33.40	02.30.40	02.29.35	05.33.20	02.32.10	02.35.30	02.35.20	03.02.30	06.05.25	06.21.65	06.19.35	07.15.35			02.33.35
05.03.20	05.32.50	05.32.40	10.34.35	05.32.15	05.35.45	05.35.55	06.01.50	10.05.30	10.22.65	10.19.30	10.18.50			05.33.20
10.01.15	ent. Cu.	09.32.50	15.34.15	08.34.35	10.36.50	10.34.70	10.36.60	15.05.30	15.25.60	15.26.25	15.19.50			10.33.25
15.35.35		11.32.40	Tail	10.34.35	15.35.60	15.33.25	15.34.40	20.04.35	20.36.80	20.26.45				15.33.30
20.33.60		15.31.30		15.33.45	20.35.70	20.33.25	16.34.30	25.04.35	30.01.40	30.34.20				20.34.15
25.32.60								29.04.30	33.20.80					
30.33.60														

Forecast for 24 hours from noon on

تعبرات الطقس [illegible] ٢٤ ساعة [illegible]

STATION	Mean of day Humidity 2nd	Diff. from normal	Wet-bulb temp. 2nd	Diff. from normal
Alexandria	79	+6	22.8	+1.2
Ezbekiya	61	+4	22.5	+0.5
Giza	67	+10	22.4	+1.1
Helwan	47	+3	20.5	+1.7

Giza Grass minimum on 3rd 18.9°C

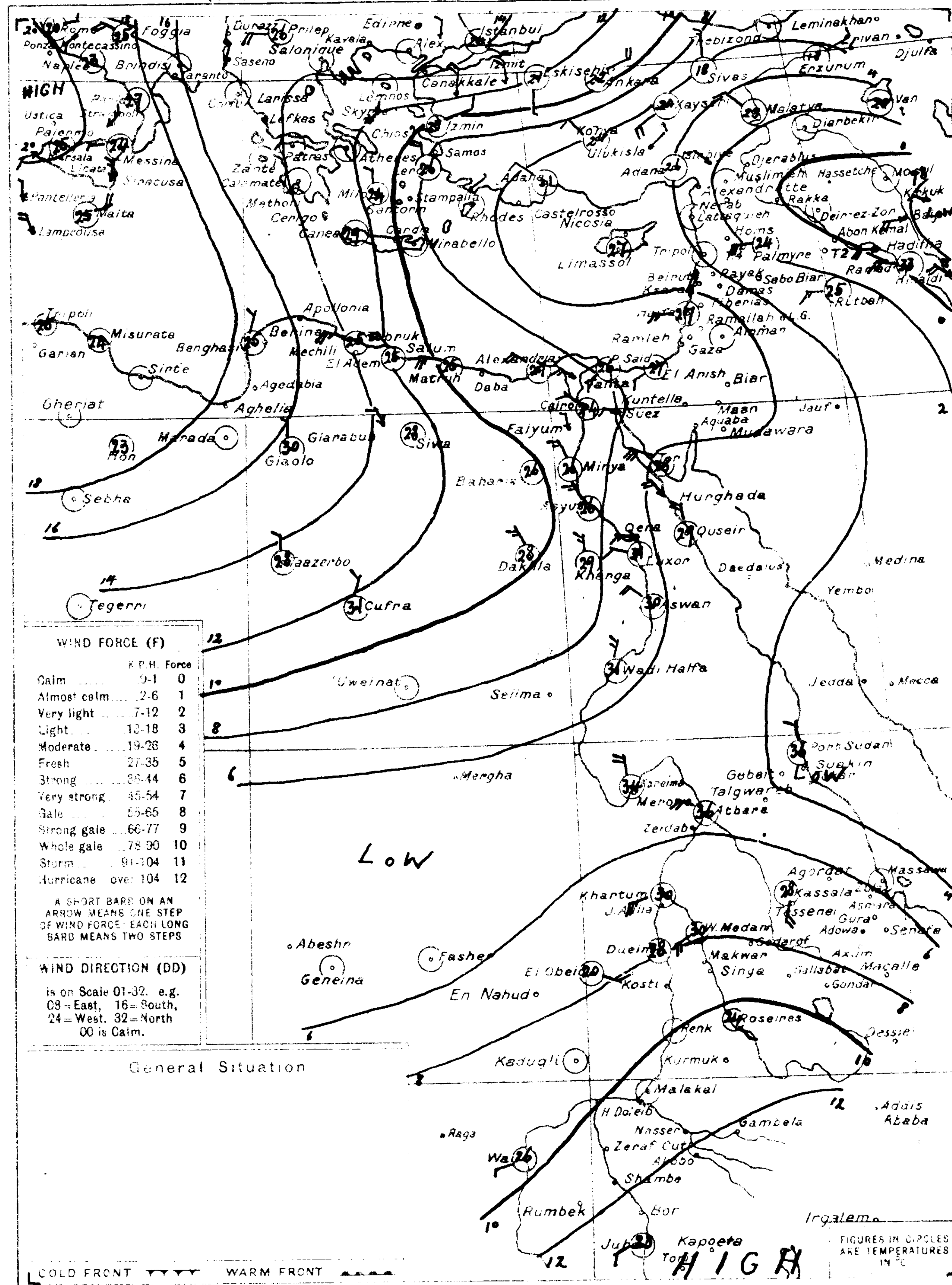
Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
3-7	1736	1493
2-7	1736	1493

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	2-7	13.58	+0.05	13.60	+0.07
Nasser	2-7	8.96	+0.33	8.94	+0.35
Malakal	3-7	11.49	+0.34	11.48	+0.35
Roseires	3-7	14.94	+0.61	14.70	+0.47
Sennar Res	2-7	7.49	—	7.40	—
J. Aulia U.S	1-7	372.39	—	372.29	—
J. Aulia D.S	1-7	371.80	+0.20	371.76	+0.19
Khartum	2-7	11.74	+0.19	11.76	+0.27
Kh. el Girba	2-7	11.20	-0.67	11.40	-0.42
Atbara	2-7	11.04	+0.22	10.93	+0.14
Kajnarti	2-7	133.15	+0.26	133.08	+0.26
Aswan Res.	3-7	109.65	—	109.90	—
Aswan D.S.	3-7	87.09	+0.47	87.08	+0.49
Roda (Cairo)	3-7	15.97	+0.37	15.95	+0.35

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

١٩٣٩-٧-٣ Isobars, Wind and Temperature at 8 h. 3-7-1939.



SCALE 1:15,000,000

At 8 h. on 3rd / الساعة ٨ يوم ٣-٧

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.	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	09	6	00	0	4	1	—	5.3	-3.0	27	—	—	—	—	—	0	610	464
Haifa	02	—	22	3	—	4	—	7.0	+0.2	27.4	31	+1	23	+2	55	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
Distant Lightning
Light Mist or Haze
Distant Fog
Rain in sight
Thunder, no rain
Distant Duststorm
Squall
Slight Duststorm
Rain in past hour
Slight Thunderstorm
Heavy Thunderstorm
Duststorm
Fog or thick Haze
Mod. Fog in last hour
Thick Fog
Fog in patches
Drizzle
Rain
Rain and fog
Rain and Snow
Snow
Showers
Thunderstorm

PAST WEATHER (W)

VISIBILITY (V)
Objects not visible at

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 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 58 m

" " Sunset 19 h 00 m

Month JULY 1939 ١٩٣٩ شهر يوليو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 3.7 — الساعة ١٤ يوم ٣-٧ ; At 8 h. on TUESDAY 4th — الساعة ٨ يوم الثلاثاء ٤

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	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	00	8	30	6	0	0	—	10.3	31.0	48	00	7	28	6	0	0	—	9.4	-1.7	23.2	32	—	20	—	82	0	82	—	130
MATRUH	00	7	26	5	0	0	—	9.8	24.9	86	00	7	26	4	0	0	—	8.4	-2.8	24.7	25	-3	21	+1	84	0	122	160	131
DIKHEILA	01	8	26	4	0	1	Cu	9.3	26.1	77	02	8	30	4	1	5	Sc	8.2	—	24.7	27	—	24	—	83	0	94	—	150
ALEXANDRIA	00	9	28	5	0	0	—	8.2	27.5	72	02	9	02	2	2	5	Ac	7.2	-3.2	25.1	29	-1	23	+1	81	0	166	185	132
DAMIETTA											01	8	02	2	1	2	Ac	6.4	—	27.0	29	—	24	—	83	0	70	107	159
PORT SAID	00	7	30	4	1	0	—	6.8	30.5	66	01	7	30	3	1	3	Ac	6.4	-2.7	27.7	32	+2	25	+3	73	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	7.4	28.1	78	02	7	00	0	1	4	Cu	6.7	—	26.6	30	—	21	—	80	0	130	93	135
LOWER EGYPT																													
DAMANHUR											00	8	30	2	0	0	—	7.5	-2.6	28.0	31	-2	23	+4	70	0	29	103	136
MANSURA											01	7	02	1	1	4	Cu	6.6	—	27.1	34	-1	24	+4	72	0	46	55	137
TANTA	00	7	28	4	0	0	—	7.0	32.0	50	01	7	00	0	1	4	Ac	7.2	-3.4	26.5	33	-3	22	+2	77	0	41	43	138
ZAGAZIG	00	8	28	2	0	0	—	9.6	33.9	45	02	8	30	1	1	4	Cc		—	28.4	34	-1	23	+4	70	0	31	29	139
CAIRO																													
ALMAZA	00	8	24	4	0	0	—	8.2	34.2	28	02	8	30	1	2	5	Cu	7.6	—	25.4	35	—	23	—	68	0	18	—	141
EZBEKIYA	00	8	30	2	0	0	—	6.6	34.8	36	02	6	30	2	2	5	Cu	7.5	-2.2	26.1	36	+1	24	+3	70	0	23	28	—
GIZA	00	8	30	2	0	0	—	6.4	33.8	38	03	6	00	0	2	7	Cu	7.1	-3.5	24.9	34	-1	23	+4	74	0	23	28	—
HELWAN	00	7	26	4	1	0	—	6.2	32.7	30	05	5	32	2	2	5	Ac	7.4	-3.0	24.9	35	0	22	+1	68	0	26	29	143
SUEZ	00	9	28	2	0	0	—	5.9	34.8	29	01	7	32	2	1	3	Cu	7.0	-2.1	25.6	36	0	23	0	70	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	8	04	1	0	0	—	7.6	34.4	29	01	7	32	2	0	3	Cu	7.5	-2.9	25.6	36	-1	22	+2	66	0	7	8	153
MINYA	00	7	02	4	0	0	—	7.0	33.5	36	01	6	32	3	1	3	Cu	6.6	-2.8	25.2	35	-2	21	0	69	0	4	—	154
ASYUT	00	7	30	4	0	0	—	6.6	35.0	23	00	6	30	3	0	0	—	8.0	-1.2	26.0	36	-1	21	-2	69	0	2	4	155
QENA	00	8	28	5	0	0	—	3.2	39.7	18	00	8	22	4	0	0	—	5.0	-2.2	29.4	41	0	26	+2	47	0	dr	—	156
LUXOR	00	8	32	.	0	0	—	4.0	38.0	26	00	8	30	2	0	0	—	5.0	—	32.8	39	—	25	—	33	0	dr	—	157
ASWAN	00	7	32	4	0	0	—	2.6	39.0	26	00	7	30	3	0	0	—	5.0	-2.6	29.6	40	-2	27	+1	32	0	1	—	158
DESERT																													
SIWA	00	8	00	0	0	0	—	11.5	36.0	52	00	8	00	0	0	0	—	11.4	+0.1	24.0	39	+2	18	-2	51	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.3	34.0	36	00	9	00	0	0	0	—	8.3	—	25.0	36	—	19	—	68	0	1	—	149
KHARGA	00	8	04	4	0	0	—	6.2	36.2	28	00	8	32	2	0	0	—	7.0	-1.3	29.2	37	-3	26	+3	42	0	dr	tr	151
DAKHLA	06	7	30	5	0	0	—	9.4	35.5	22	00	7	00	0	0	0	—	9.1	-0.3	29.5	38	-2	24	+1	37	0	dr	—	152
RED SEA																													
TOR	30	3	28	7	0	0	—	2.0	31.0	53	00	6	28	5	0	0	—	—	—	28.0	34	0	26	+2	81	0	20	13	145
HURGHADA	00	9	32	4	0	0	—	3.5	33.9	33	00	9	30	3	0	0	—	4.0	-3.2	29.6	34	-1	26	+2	55	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	4.8	31.0	56	00	7	32	4	0	0	—	4.4	-2.5	31.0	33	-1	25	-1	59	0	tr	6	147
PORT SUDAN											00	—	02	2	0	0	—	5.0	-0.2	33.5	42	+2	27	0	47	0	81	110	169
NORTHERN SUDAN																													
WADI HALFA											01	8	10	1	1	4	Cs	6.5	-1.5	28.2	41	0	24	+1	33	—	—	—	165
KAREIMA																												5	166
ATBARA											00	—	24	2	0	0	—	6.0	-1.3	34.3	44	+3	27	+1	16	0	6	13	167
KHARTUM											18	6	20	5	1	8	Ac,a	7.7	-0.9	28.6	40	0	26	+1	52	0	15	21	168
KASSALA											03	8	16	4	1	8	Cs	7.2	-3.4	26.2	39	+3	25	+1	62	dr	62	66	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	18	5	0	4	—	7.2	-2.5	29.8	40	+3	23	0	46	0	94	77	171
DUEIM											02	—	—	3	1	4	—	9.8	-0.2	28.2	38	0	24	+1	54	0	78	57	173
RENK																													182
ROSEIRES											02	—	08	1	6	4	—	11.4	-0.3	21.9	35	+2	21	0	96	20	194	245	172
EL OBEID											03	8	20	3	0	8	Cs	8.6	-3.3	23.1	38	+2	21	-1	83	9	116	76	174
EL FASHER											03	8	14	2	1	7	Sc	—	—	24.5	39	+2	23	+1	76	dr	18	43	175
GENEINA											03	8	24	4	1	7	Ac,As	—	—	22.0	39	—	21	—	82	5	65	—	179
KADUGLI																													187
SOUTHERN SUDAN																													
MALAKAL											03	8	18	3	2	7	cb	11.4	-1.0	23.2	34	+2	21	0	85	tr	337	376	176
WAU											03	—	28	2	6	7	—	10.0	-1.2	22.2	34	+2	20	0	89	10	496	567	177
JUBA											01	8	80	0	0	4	Ac	11.7	-1.0	23.0	31	-1	21	+1	91	3	612	564	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 4th

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	KHARTUM 7 h.	KASSALA 5 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	Salum 3rd 13 h.
02.34.40	02.30.35	02.33.30	02.33.15	02.02.10	02.34.10	02.35.15	03.35.20		06.17.45	06.17.25	07.25.25	06.25.40		02.34.35
05.36.40	ent. Cu	04.33.30	05.02.15	05.34.10	05.35.20	05.36.45	06.36.45		10.20.45	10.19.30	10.25.55	10.25.35		05.33.20
10.02.20		ent. Sc.	ent. Cu	08.36.20	10.34.45	10.35.60	10.36.45		15.24.20	15.25.25	15.28.25	15.21.25		10.33.40
15.02.30				10.01.20		15.36.50	15.34.40		20.36.05	20.30.35	20.32.25	20.21.25		15.33.45
20.01.45				12.01.20			20.36.35		25.12.05	30.34.15	30.04.30	30.07.15		
25.01.40							30.36.20		30.02.05	33.03.25	40.36.15	36.05.30		
							38.36.35		40.32.15					
									50.35.30					
									60.35.20					
									70.06.20					

Forecast for 24 hours from noon on

[illegible]

STATION	Mean Humidity on 3rd	Diff. from normal	Mean Wet Bulb Temp. °C on 3rd	Diff. from normal
Alexandria	77	+4	23.1	+1.4
Ezbekiya	62	+5	23.2	+1.7
Giza	66	+9	22.8	+1.5
Helwan	57	+13	21.1	+2.2

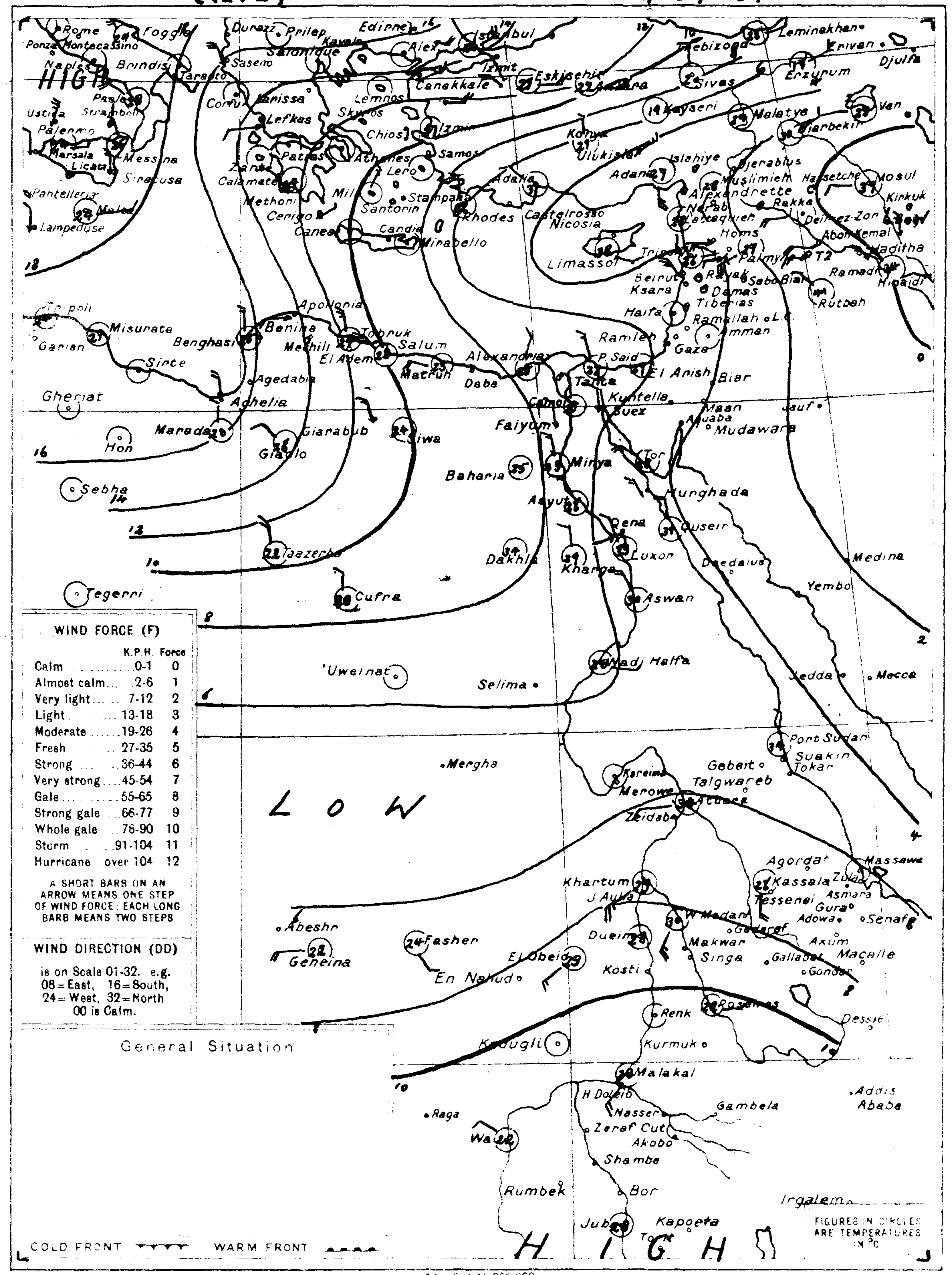
Giza Grass minimum on 4th 21.0 °C

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

DATE	1939	1938
4.7	1736	1527
3.7	1736	1493

GAUGE	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	3.7	13.55	+0.01	13.58	+0.05
Nasser	3.7	8.98	+0.31	8.96	+0.33
Malakal	4.7	11.50	+0.33	11.49	+0.34
Roseires	4.7	15.55	+1.10	14.94	+0.61
Sennar Res	3.7	7.50	—	7.49	—
J. Aulia U.S	3.7	372.48	—	372.41	—
J. Aulia D.S	3.7	371.82	+0.13	371.84	+0.20
Khartum	3.7	11.81	+0.20	11.74	+0.19
Kh. el Girba	3.7	11.61	-0.30	11.20	-0.67
Atbara	3.7	11.12	+0.26	11.04	+0.22
Kajnarti	3.7	133.16	+0.19	133.15	+0.26
Aswan Res.	4.7	109.37	—	109.65	—
Aswan D.S	4.7	87.09	+0.46	87.09	+0.47
Roda (Cairo)	4.7	15.97	+0.37	15.97	+0.37

Isobars, Wind and Temperature at 8 h. 4-7-39 ٤-٧-٣٩



PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	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

At 8 h. on 4th — الساعة ٨ يوم ٤

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	6	10	2	4	0	—	4.0	-4.2	28	—	—	—	—	—	0	610	464
Haifa																		647
SHIPS سفن																		

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 04 h 58 m
" " Sunset 19 h 00 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h. on 4-7 — الساعة ١٤ يوم ٤/٧

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
SALUM	00	8	30	5	0	0	—	9.9	31.4	33
MATRUH	00	7	26	5	0	0	—	9.3	25.5	85
DIKHEILA	00	8	28	3	0	0	—	8.3	26.0	82
ALEXANDRIA	01	9	28	4	2	3	Ac	7.8	27.7	77
DAMIETTA										
PORT SAID	00	7	30	3	1	0	—	6.6	30.0	66
EL ARISH	00	7	30	3	1	0	—	6.3	28.3	80
DAMANHUR										
MANSURA										
TANTA	00	7	30	3	1	0	—	6.3	34.0	43
ZAGAZIG	00	8	28	2	0	0	—	6.0	34.9	46
CAIRO ALMAZA	00	8	04	2	0	0	—	6.6	34.4	36
CAIRO EZBEKIYA	01	7	02	1	1	1	Cu	5.9	34.[illegible]	42
GIZA	01	7	02	1	0	1	Cu	5.4	34.3	46
HELWAN	05	7	30	5	0	1	Cu	5.1	34.0	35
SUEZ	00	9	32	3	0	0	—	5.0	33.4	45
FAIYUM	00	8	30	1	0	0	—	6.4	35.0	31
MINYA	00	6	30	4	1	0	—	5.6	33.7	34
ASYUT	00	7	30	3	0	0	—	5.4	34.0	31
QENA	00	8	26	4	0	0	—	3.1	38.2	24
LUXOR	00	8	26	2	0	0	—	3.6	37.2	25
ASWAN	00	7	32	2	0	0	—	2.6	38.5	24
SIWA	00	8	00	0	0	0	—	11.2	36.0	41
BAHARIYA	00	9	00	0	0	0	—	7.0	35.0	37
KHARGA	00	8	04	3	0	0	—	5.1	37.3	30
DAKHLA	00	8	30	6	0	0	—	8.2	34.6	23
RED SEA TOR	00	6	28	5	0	0	—	—	30.0	78
HURGHADA	00	9	02	3	0	0	—	3.7	32.4	48
QUSEIR	00	7	32	3	0	0	—	3.6	31.8	61

At 8 h. on WEDNESDAY 5th — الساعة ٨ يوم الأربعاء ٥

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. 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	01	7	30	6	c	1	Cu	11.6	+0.6	23.2	32	—	20	—	80	0	82	—	130
MATRUH	02	7	26	4	2	5	Cu	10.6	-0.4	23.9	26	-2	19	-1	85	0	122	160	131
DIKHEILA	01	8	30	3	1	1	Cu	9.9	—	25.3	27	—	24	—	87	0	94	—	150
ALEXANDRIA	01	9	32	4	2	3	Ac	9.4	-0.9	25.7	29	-1	24	+2	85	0	166	185	132
DAMIETTA	00	8	02	1	0	0	—	8.0	—	27.8	30	—	22	—	71	0	70	107	159
PORT SAID	00	7	28	3	0	0	—	8.2	-0.8	27.8	31	+1	24	+1	76	0	64	81	134
EL ARISH	00	7	00	0	0	0	—	8.4	—	29.2	29	—	20	—	63	0	130	93	135
DAMANHUR	00	7	32	2	0	0	—	10.6	+0.6	28.3	33	0	22	+3	72	0	29	103	136
MANSURA	00	8	32	2	0	0	—	8.8	—	27.5	36	+1	23	+3	72	0	46	55	137
TANTA	00	7	00	0	0	0	—	8.8	-1.7	28.0	35	-1	21	+1	77	0	41	43	138
ZAGAZIG	01	8	30	2	1	4	Cc	9.5	—	27.9	35	0	21	+2	77	0	31	29	139
CAIRO ALMAZA	05	7	28	2	2	4	St	9.9	—	25.2	36	—	22	—	73	0	18	—	141
CAIRO EZBEKIYA	01	6	30	2	1	3	Cu	9.3	-0.3	26.[illegible]	37	+2	23	+2	72	0	23	28	—
GIZA	01	6	32	1	1	2	Cu	9.6	-1.0	25.6	36	+1	22	+3	75	0	23	28	—
HELWAN	05	6	28	2	0	0	—	8.7	-1.6	24.8	36	+1	21	0	70	0	26	29	143
SUEZ	00	7	28	2	0	0	—	8.3	-0.7	27.5	36	0	23	0	70	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	9.5	-0.8	26.0	38	+1	22	+1	70	0	7	8	153
MINYA	00	5	28	3	0	0	—	8.4	-0.9	27.	35	-2	23	+2	61	0	4	—	154
ASYUT	00	6	22	3	0	0	—	7.5	-1.6	29.0	36	-1	23	0	52	0	2	4	155
QENA	00	8	24	2	0	0	—	6.2	-1.0	30.7	39	-2	26	+2	43	0	dr	—	156
LUXOR	00	8	10	1	0	0	—	5.9	—	34.8	39	—	23	—	37	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	6.0	-1.5	30.7	40	-2	26	0	34	0	1	—	158
SIWA	02	8	00	0	2	5	Sc	14.4	+3.1	20.8	39	+2	20	0	93	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.9	—	24.0	36	—	21	—	83	0	1	—	149
KHARGA																	dr	tr	151
DAKHLA	00	8	26	2	0	0	—	10.7	+1.3	29.5	36	-4	22	-1	32	0	dr	—	152
RED SEA TOR	00	6	28	4	0	0	—	4.8	-1.7	28.0	32	-2	26	+2	81	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	5.8	-1.3	30.6	34	-1	24	0	40	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	5.4	-1.4	31.7	33	-1	25	-1	48	0	tr	6	147
PORT SUDAN	00	—	20	2	0	0	—	5.8	+0.6	34.8	38	-2	26	-1	42	0	81	110	169
WADI HALFA	01	8	30	2	0	1	Ac	7.9	-0.1	29.4	40	-1	22	-1	29	—	—	—	165
KAREIMA	01	8	26	2	1	3	Ci	7.1	-0.9	31.3	40	-3	24	-2	27	0	3	5	166
ATBARA	00	—	16	2	0	0	—	8.2	+0.9	34.2	41	0	27	+1	26	0	6	14	167
KHARTUM	01	7	22	4	1	4	Ac,Cs	8.6	0.0	29.8	42	+3	26	+1	53	0	15	22	168
KASSALA	01	8	16	4	1	4	Ac,Cu	9.0	-1.6	28.3	36	0	25	+1	51	0	62	69	170
WAD MEDANI	00	—	18	5	0	0	—	9.9	+0.1	28.3	38	+1	24	+1	57	0	94	81	171
DUEIM	00	—	—	3	0	0	—	10.2	+0.2	28.0	37	0	25	+2	66	0	78	60	173
RENK									—		—		—					—	182
ROSEIRES																		251	172
EL OBEID	03	8	18	3	0	7	Ac,Cu	9.6	-1.8	26.4	33	-3	23	+1	76	0	116	78	174
EL FASHER	01	8	08	1	1	3	Ac,Ci	—	—	25.5	39	—	21	—	55	2	20	47	175
GENEINA	02	8	00	0	2	5	Ac,As	—	—	24.6	35	—	22	—	68	1	66	—	179
KADUGLI																		—	187
MALAKAL	02	8	14	3	2	5	Ac,Cs	11.9	-0.6	23.7	29	-2	21	0	83	tr	337	382	176
WAU	02	—	12	1	1	4	—	10.8	-0.4	24.5	30	-2	22	+2	85	0	496	573	177
JUBA	03	8	20	2	0	6	Ac	13.6	+0.9	23.5	33	+1	21	+1	83	3	615	569	178

UPPER WINDS ON 5th

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	P.SAID A.P. 7 h.
02.34.40	cnt. Cu.	02.34.25	02.35.20	02.31.15	02.34.25	02.30.10	03.36.20	06.01.25	06.18.40	06.21.25	07.22.30	06.15.25		02.31.10
05.10.20		05.35.35	05.03.15	05.01.15	05.36.35	05.34.20	06.36.30	10.25.25	10.23.30	10.23.40	10.24.45	10.24.20		05.01.15
10.03.20		10.33.20	10.04.30	08.04.30	10.01.30	10.35.30	10.35.30	15.34.25	15.34.20	15.25.20	15.27.40	15.29.15		07.02.20
15.02.40		15.33.25	15.02.25	10.04.35	15.36.40	15.33.10	15.31.30	20.33.20	20.34.25	20.27.35	20.34.20	20.01.10		10.36.30
20.02.15		20.33.25	20.02.25	15.01.30	20.34.40	20.33.20	20.29.35	30.24.10	30.32.15	30.03.20	30.03.25	30.07.10		15.34.25
25.34.20		25.33.15		20.02.35			25.31.30	33.23.16	40.33.50	40.06.30	40.06.30	31.07.10		20.33.10
		28.35.20		23.02.15							47.10.45			25.35.05
				25.33.10										
				30.31.05										
				35.02.10										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	84	+11	23.6	+1.9
Ezbekiya	56	-1	23.4	+1.3
Giza	59	+1	23.2	+1.8
Helwan	49	+5	21.7	+2.8

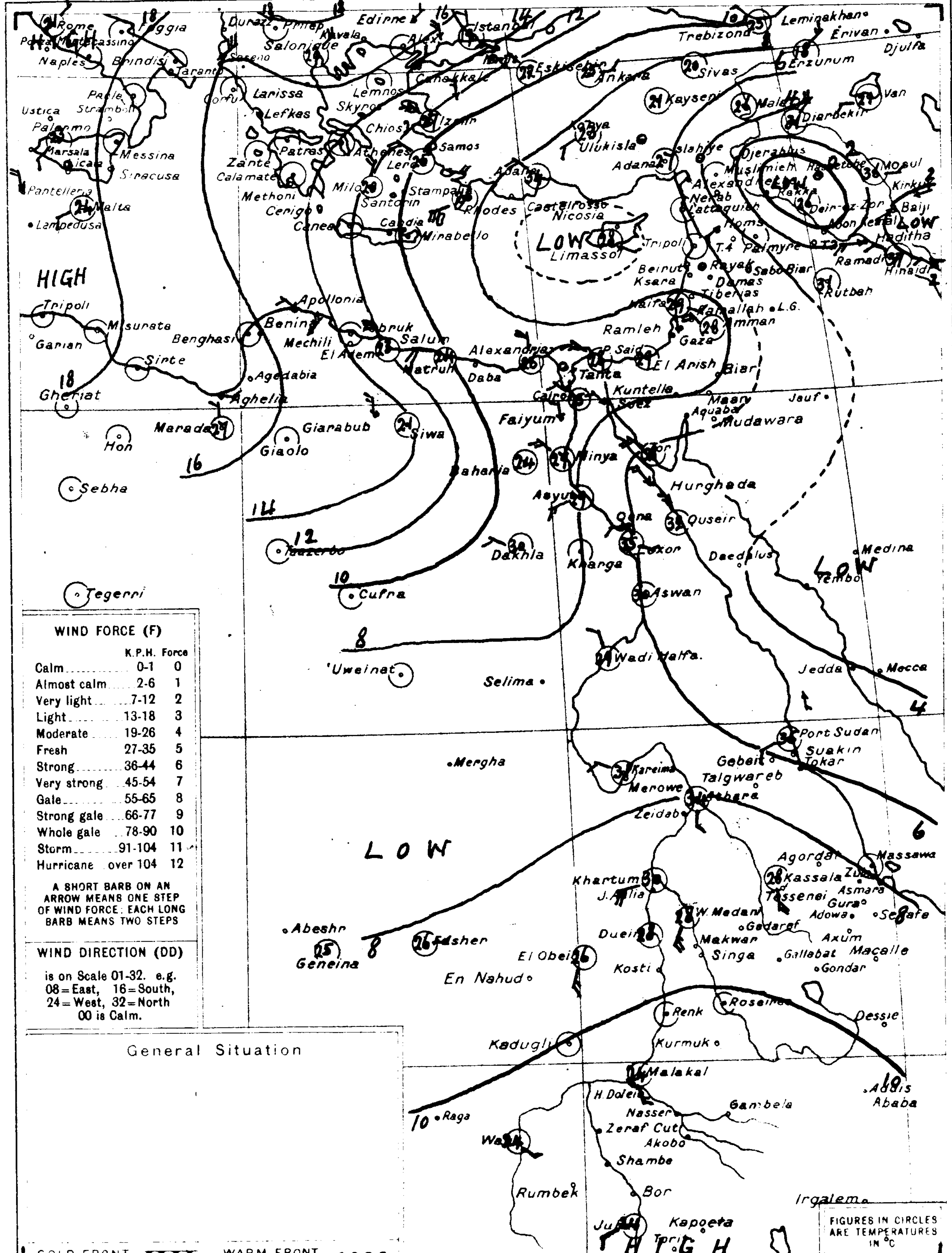
Giza Grass minimum on 5th 20.1°C

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

DATE	1939	1938
5-7	1736	1563
4-7	1736	1527

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	4-7	13.54	0.00	13.55	+0.01
Nasser	4-7	9.01	+0.31	8.98	+0.31
Malakal	5-7	11.50	+0.31	11.50	+0.33
Roseires	5-7	16.00	+1.45	15.55	+1.10
Sennar Res	4-7	7.60	—	7.50	—
J. Aulia U.S	4-7	372.61	—	372.48	—
J. Aulia D.S	4-7	371.77	+0.05	371.82	+0.13
Khartum	5-7	11.80	+0.08	11.86	+0.19
Kh. el Girba	4-7	12.12	+0.14	11.61	-0.30
Atbara	5-7	11.10	+0.14	11.12	+0.21
Kajnarti	4-7	133.16	+0.10	133.16	+0.19
Aswan Res.	5-7	109.10	—	109.37	—
Aswan D.S.	5-7	87.08	+0.44	87.09	+0.46
Roda (Cairo)	5-7	15.93	+0.32	15.97	+0.37

٥-٧-٩٣٩ Isobars, Wind and Temperature at 8 h. 5-7-39.



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

At 8 h. on 5th — الساعة ٨ يوم ٥-٧

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C 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.
Limasol	09	6	10	1	4	0	—	6.0	-2.0	28	—	—	—	—	—	0	610	464
Haifa	01	—	10	2	—	3	—	8.0	+1.3	28.7	30	-1	24	+3	65	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

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

CAIRO
Time of Sunrise h m 04 59
Time of Sunset 18 59

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

٣٩ - ٧ - ٦

At 14 h. on 5-7 ٥/٧ — At 8 h. on THURSDAY 6th الخميس ٦

STATION	14h ww	V	DD	F	W	N	C	bar	TTT	UU	8h ww	V	DD	F	W	N	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	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	00	8	02	6	0	0	—	9.4	26.5	72	00	8	20	4	6	0	—	14.2	+3.3	24.2	30	—	20	—	67	0	82	—	130
MATRUH	00	7	28	4	0	0	—	11.1	25.8	79	02	7	28	4	1	4	Cu	12.6	+1.6	24.8	26	-2	22	+2	80	0	122	160	131
DIKHEILA	01	8	28	3	0	1	Cu	10.7	25.3	84	01	8	30	4	1	4	Sc	11.8	—	24.8	26	—	24	—	79	0	94	—	150
ALEXANDRIA	00	9	32	3	0	0	—	10.3	27.5	77	02	9	32	5	2	4	Ac	11.1	+0.9	24.8	29	-1	23	+1	79	0	166	185	132
DAMIETTA											02	8	28	3	2	4	Ac	9.6	—	26.0	30	—	24	—	83	0	70	107	159
PORT SAID	00	7	30	3	0	0	—	8.4	31.6	57	02	7	26	3	1	4	Ac	9.4	+0.5	27.0	32	+2	24	+1	74	0	64	81	134
EL ARISH	00	7	28	3	0	0	—	7.9	29.4	86	01	7	00	0	1	4	Cu	9.6	—	28.0	31	—	22	—	77	0	130	93	135
DAMANHUR											00	8	28	4	0	0	—	10.8	+0.9	26.1	33	0	22	+3	72	0	29	103	136
MANSURA											01	7	32	1	1	4	Cu	10.6	—	26.3	36	+1	24	+4	74	0	46	55	137
TANTA	01	7	28	4	1	4	Ac	8.6	34.0	40	01	7	28	3	1	4	Ac	10.6	+0.2	26.5	35	-1	22	+2	73	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	8.4	35.3	35	02	8	30	2	1	4	Cc	10.2	—	26.9	35	0	22	+3	76	0	31	29	139
ALMAZA	00	8	02	3	0	0	—	9.0	36.0	25	05	6	30	3	2	4	St	11.0	—	25.7	36	—	23	—	71	0	18	—	141
EZBEKIYA	00	8	02	3	0	0	—	8.0	36.6	26	01	6	30	2	1	4	Cu	10.4	+0.9	27.1	37	+2	23	+2	68	0	25	28	—
GIZA	00	8	02	3	0	0	—	7.8	35.4	33	02	6	30	3	2	4	Cu	10.2	-0.3	25.3	36	+1	23	+4	74	0	23	28	—
HELWAN	00	8	32	4	0	0	—	7.6	35.7	21	05	6	30	4	0	2	Cu	10.3	+0.1	25.0	37	+2	21	0	68	0	26	29	143
SUEZ	00	9	32	3	0	0	—	7.1	33.3	42	00	7	32	2	0	0	—	9.9	+1.0	26.0	37	+1	23	0	67	0	27	18	144
FAYUM	00	8	32	1	0	0	—	8.0	36.7	22	01	7	32	3	1	4	Cu	10.7	+0.4	25.6	38	+1	22	+1	70	0	7	8	153
MINYA	00	6	02	4	0	0	—	7.2	35.3	35	00	6	28	3	0	0	—	9.5	+0.3	25.5	36	-1	22	+1	65	0	4	—	154
ASYUT	00	7	30	3	0	0	—	6.3	36.2	23	00	6	22	3	0	0	—	8.7	-0.3	27.2	38	+1	22	-1	65	0	2	4	155
QENA	00	8	22	4	0	0	—	4.6	39.1	24	00	8	26	2	0	0	—	6.7	-0.4	29.6	40	-1	24	0	43	0	dr	—	156
LUXOR	00	8	30	1	0	0	—	5.0	40.0	21	00	8	06	2	0	0	—	6.6	—	33.8	42	—	22	—	36	0	dr	—	157
ASWAN	00	7	24	1	0	0	—	4.0	39.5	23	00	7	00	0	0	0	—	6.4	-1.1	31.6	41	-1	26	0	32	0	1	—	158
SIWA											00	8	00	0	0	0	—	—	—	22.0	33	-4	18	-2	86	0	7	8	148
[illegible]	00	9	00	0	0	0	—	8.8	36.0	36	00	9	32	1	0	0	—	11.4	—	24.0	37	—	21	—	83	0	1	—	149
[illegible]	00	8	04	3	0	0	—	6.6	38.4	38	00	8	32	2	0	0	—	8.0	-0.2	30.7	38	-2	26	+3	41	0	dr	tr	151
[illegible]	00	7	30	4	0	0	—	9.1	36.0	25	00	8	02	4	0	0	—	10.6	+1.3	30.0	—	—	—	—	30	0	dr	—	152
[illegible]	00	6	28	5	0	0	—	4.2	31.2	71	00	6	28	4	0	0	—	6.7	+0.2	27.5	34	0	25	+1	84	0	20	13	145
[illegible]	00	9	02	3	0	0	—	5.3	32.4	49	00	9	30	3	0	0	—	7.5	+0.5	30.0	35	0	24	0	44	0	1	—	146
[illegible]	00	7	02	2	0	0	—	4.8	30.4	64	00	7	32	3	0	0	—	6.0	-0.7	31.9	32	-2	26	0	48	0	tr	6	147
[illegible]											00	—	02	2	0	0	—	5.8	+0.7	37.3	37	-3	27	0	25	0	81	110	169
WADI HALFA											01	8	00	0	0	2	Ci	7.5	-0.4	30.2	40	-1	23	0	25	—	—	—	165
[illegible]											00	8	26	3	0	0	—	7.9	-0.1	34.0	42	-1	25	-1	22	0	3	5	166
[illegible]											00	—	32	2	0	0	—	7.0	-0.4	35.0	40	-1	27	+1	08	0	6	15	167
[illegible]											01	7	00	0	0	1	Ac	7.2	-1.4	31.6	43	+4	24	-1	43	0	15	24	168
[illegible]											01	8	18	3	1	4	Ci	6.8	-3.9	30.2	39	+3	25	+2	53	dr	62	72	170
[illegible]											00	—	20	4	0	0	—	7.5	-2.4	32.4	40	+3	22	-1	42	0	94	85	171
[illegible]											00	—	—	3	0	0	—	8.4	-1.6	32.0	40	+3	25	+2	48	0	78	64	173
[illegible]																												—	182
ROSEIRES											00	—	14	1	0	0	—	8.6	-3.2	28.5	33	0	24	+3	63	0	194?	257	172
EL OBEID											00	8	18	3	0	0	—	8.5	-2.9	27.8	36	0	25	+3	70	0	116	81	174
EL FASHER											00	8	14	1	0	0	—	—	—	27.5	40	+4	23	+1	51	0	20	58	175
GENEINA											00	8	26	2	1	0	—	—	—	23.8	39	—	21	—	62	0	66	—	179
KADUGLI																												—	187
MALAKAL											01	8	18	3	0	3	Ac,Ci	9.6	-2.9	27.6	34	+3	23	+2	73	0	337	388	176
WAU											00	—	20	1	1	0	—	9.6	-1.6	26.0	32	0	23	+3	82	0	496	579	177
JUBA											01	8	24	2	0	4	Cu	11.6	-1.1	24.7	33	+1	20	0	84	0	615	573	178

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

6th

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 4h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	Geneina 6h
02.34.25	02.32.25	02.33.30		02.32.20	02.31.30	02.34.05	03.36.10	06.33.30	06.03.25	06.21.25	07.23.40	06.24.20		10.27.20
05.02.35	05.34.25	05.33.45		05.36.20	05.02.35	05.35.20	06.03.25	10.35.25	10.01.45	10.24.20	10.24.35	10.18.10		15.30.30
10.36.15	10.34.40	10.33.45		08.01.30	10.34.40	10.34.15	10.34.25	15.33.25	15.02.25	15.31.15	15.28.15	15.13.10		20.03.10
15.02.20	15.34.50	15.32.40		10.01.30	15.32.30	15.30.10	15.32.15	20.31.15	20.35.20	20.01.10	20.29.10	20.04.15		30.04.10
17.36.30		19.30.25		15.36.30		20.23.05	20.29.05	30.21.25	25.30.10	30.06.05	30.32.05	30.08.20		40.13.15
				20.36.20		25.21.15	30.27.05	40.23.25	30.30.05	34.09.10		40.05.05		50.07.30
				23.33.10			33.31.05	41.23.25	40.05.05			50.02.15		53.07.45
				25.34.10					50.04.10			54.34.10		
				30.32.20					60.08.20					
				32.29.05					70.07.30					

Forecast for 24 hours from [illegible]

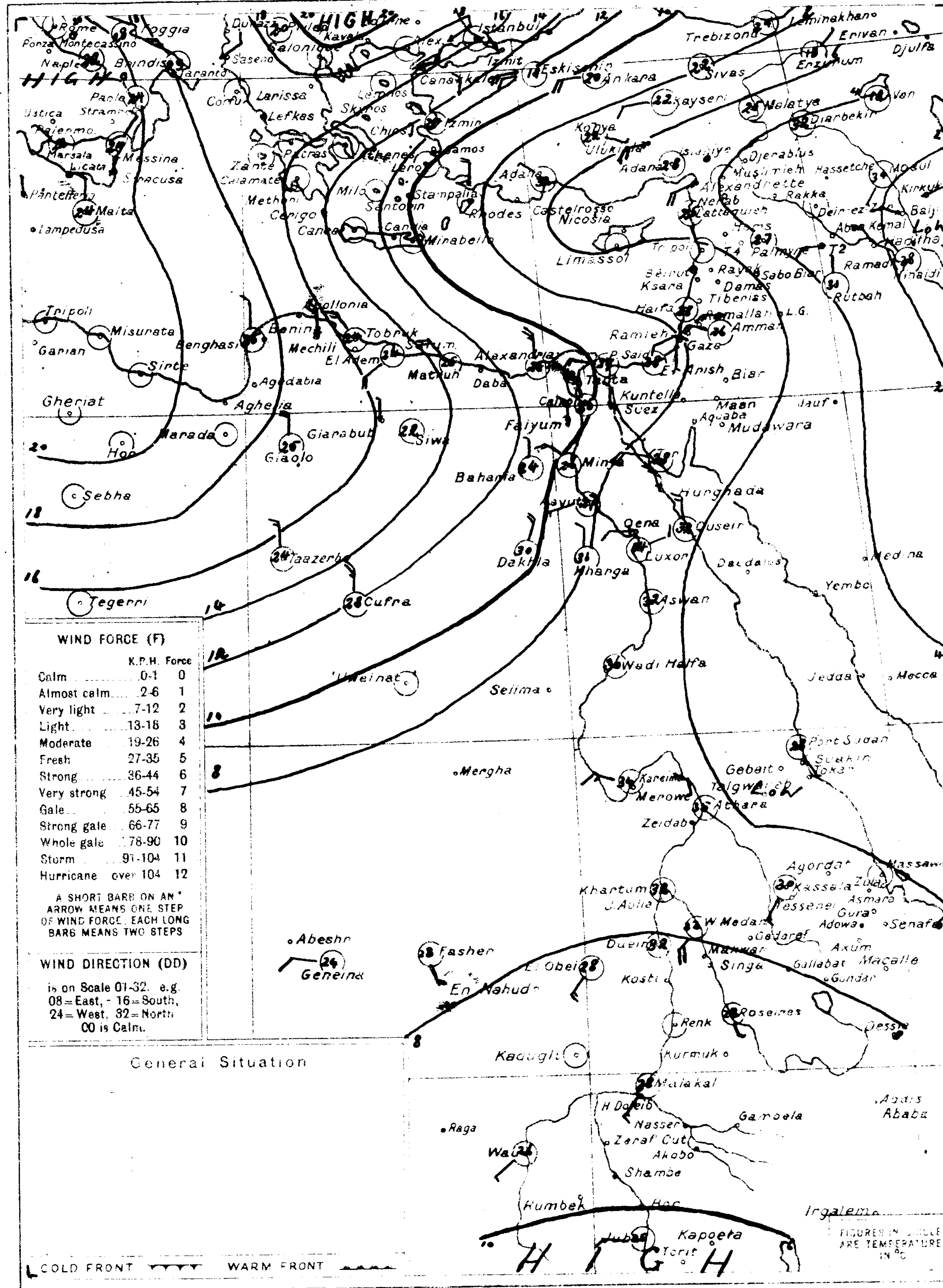
STATION	Rel. Hum. on 5th	Diff. from normal	Dry Bulb Temp. on 5th °C	Diff. from normal
Alexandria	81	+8	23.8	+2.1
Ezbekiya	52	-5	22.3	+0.2
Giza	56	-2	22.3	+0.9
Helwan	46	+2	20.6	+1.6
Giza Grass minimum on 6th			20.1°	

Discharges of Aswan measured by sluices m³ per sec

DATE	1939	1938
6-7	1736	1563
5-7	1736	1563

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	5-7	13.54	0.00	13.54	0.00
Nasser	5-7	9.02	+0.28	9.01	+0.31
Malakal	6-7	11.51	+0.30	11.50	+0.31
Roseires	6-7	16.03	+1.36	16.00	+1.45
Sennar Res	5-7	7.97	—	7.60	—
J. Aulia U.S	5-7	372.74	—	372.51	—
J. Aulia D.S	5-7	371.49	-0.27	371.77	+0.05
Khartum	6-7	11.64	-0.14	11.80	+0.08
Kh. el Girba	5-7	12.00	-0.07	12.12	+0.14
Atbara	6-7	11.10	+0.08	11.10	+0.14
Kajnarti	5-7	133.19	+0.06	133.14	+0.10
Aswan Res.	6-7	108.82	—	109.10	—
Aswan D.S	6-7	87.08	+0.42	87.08	+0.44
Roda (Cairo)	6-7	15.97	+0.36	15.93	+0.32

Isobars, Wind and Temperature at 8 h. 6 - 7 - 39



General Situation

Remarks

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	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	1	4	0	—	63	-1.6	28	—	—	—	—	—	0	610	464
Haifa	01	—	16	2	—	3	—	8.3	+1.7	28.1	32	+1	24	+3	66	0	559	647
Kharga st	00	8	28	1	0	0	—	8.3	0.0	31.4	37	-3	23	0	38	0	dr.	tr.

SHIPS

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
Thin Haze
Dust Devils
Distant Lightning
Light Mist or Haze
Distant Fog
Rain in sight
Thunder [illegible]
Distant Duststorm
Squall
Slight Duststorm
[illegible]
Snow
Shower

CLOUD FORM (C)
Cirrus Ci
Cirrocumulus Cc
Cirrostratus Cs
Altostratus As
Altocumulus Ac
Stratocumulus Sc
Stratus St
Nimbus Nb
Nimbostratus Ns
Cumulus Cu
Cumulonimbus 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 57m
" " Sunset 18h 57m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JULY 1939 — شهر يوليو ١٩٣٩

29-V-V Isobars, Wind and Temperature at 8 h. 7-7-39.

1417 F.C.

STATION	At 14h. on 6-7 الساعة ١٤ يوم ٦-٧								At 8 h. on FRIDAY 7th الساعة ٨ يوم الجمعة ٧																	
	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESS. M.S.L. 1000+ mbs.	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ mbs.	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	TEMPERATURE MAXIMUM Yesterday °C	TEMPERATURE MAXIMUM Diff. from norm °C	TEMPERATURE MINIMUM Today °C	TEMPERATURE MINIMUM Diff. from norm °C	HUMIDITY %	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU				
SALUM	01	8	02	7	0	1	Cu	13.5	02	8	30	6	1	4	Cu	12.4	+1.6	23.1	29	—	20	—	76	0	182	—	130
MATRUH	01	7	28	5	1	3	Cu	12.6	25.4	78	01	7	26	5	0	3	Cu	10.8	−0.1	24.3	26	−2	23	+3	74	0	122	160	131
DIKHEILA	01	8	28	4	1	3	Sc	11.9	25.5	78	01	8	28	5	1	4	Cu	9.9	—	24.7	26	—	23	—	78	0	94	—	150
ALEXANDRIA	02	9	28	6	2	4	Ac	11.5	27.0	71	02	9	28	6	2	5	Ac	9.0	−1.2	24.8	28	−2	23	+1	77	0	166	185	132
DAMIETTA									02	8	28	3	2	5	Ac	7.1	—	26.2	28	—	23	—	72	0	70	107	159
PORT SAID	00	7	28	5	1	0	—	9.4	30.4	63	02	6	22	4	1	5	Ac	7.9	−0.9	25.6	31	+1	23	0	68	0	64	81	134
EL 'ARISH	00	7	30	3	1	0	—	8.8	29.0	80	03	7	24	2	1	6	Cu	8.0	—	26.3	30	—	23	—	69	0	130	93	135
DAMANHUR									02	6	24	3	1	4	Cu	8.4	−1.4	24.6	30	−3	20	+1	71	0	29	103	136
MANSURA									02	6	20	1	1	4	Sc	8.3	—	25.5	32	−3	22	+2	72	0	46	55	137
TANTA	00	7	28	4	0	0	—	9.9	31.5	51	02	6	28	3	2	5	Cu	9.1	−1.2	26.0	32	−4	19	−1	69	0	41	43	138
ZAGAZIG	01	7	30	3	0	2	Cs	9.5	33.4	45	02	8	30	3	1	5	Cu	9.0	—	25.9	34	−1	22	+3	73	0	31	29	139
CAIRO: ALMAZA	00	8	32	3	0	0	—	9.4	33.7	33	02	7	30	3	2	5	Cu	10.0	—	24.9	35	—	21	—	70	0	18	—	141
HELIOPOLIS EZBEKIYA	00	7	32	1	0	0	—	9.1	34.6	35	02	6	30	3	2	5	Cu	9.6	+0.2	24.5	35	0	22	+1	71	0	23	28	—
GIZA	00	7	32	1	0	0	—	9.0	33.7	39	02	6	30	3	2	5	Cu	9.1	−1.3	24.1	34	−1	21	+2	75	0	23	28	—
HELWAN	05	6	32	4	0	0	—	8.3	32.7	29	03	6	28	3	2	6	Cu	9.0	−1.1	22.9	34	−1	21	0	71	0	26	29	143
SUEZ	00	9	32	2	0	0	—	8.3	33.3	27	00	7	28	2	0	0	—	8.7	−0.2	25.4	36	0	22	−1	57	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	9.1	34.0	31	02	7	32	2	2	5	Cu	9.8	−0.4	24.4	35	−2	20	−1	68	0	7	8	153
MINYA	00	6	30	5	0	0	—	8.2	34.8	30	02	5	32	4	1	4	Cu	8.8	−0.4	24.7	35	−2	20	−1	63	0	4	—	154
ASYUT	00	7	26	3	0	0	—	7.1	35.1	32	00	6	30	3	0	0	—	8.8	−0.1	24.2	37	0	21	−2	61	0	2	4	155
QENA	00	8	22	1	0	0	—	4.8	40.2	25	00	8	22	5	0	0	—	5.5	−1.6	27.3	41	0	25	+1	62	0	dr	—	156
LUXOR	00	8	22	2	0	0	—	5.1	41.1	—	00	8	02	1	0	0	—	6.0	—	32.8	42	—	25	—	43	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	3.5	42.3	21	00	7	30	1	0	0	—	5.4	−2.0	30.6	43	+1	27	+1	35	0	1	—	158
SIWA	00	8	00	0	0	0	—	13.3	38.4	45	00	8	00	0	0	0	—	14.0	+2.8	24.0	38	+1	18	−2	82	0	7	8	143
BAHARIYA	00	9	00	0	0	0	—	9.8	35.0	32	00	9	00	0	0	0	—	11.4	—	23.0	35	—	19	—	74	0	1	—	149
KHARGA	00	8	04	3	0	0	—	5.9	37.5	33	00	8	04	3	0	0	—	8.7	+0.5	26.4	38	−2	24	+1	43	0	dr	tr	151
DAKHLA	00	7	30	5	0	0	—	11.2	36.0	20	00	8	32	4	0	0	—	11.1	+1.8	26.8	37	−3	27	+4	44	0	dr	—	152
TOR	00	6	28	5	0	0	—	4.8	30.8	72	00	6	28	6	0	0	—	5.5	−0.9	26.3	33	−1	24	0	82	0	20	13	145
HURGHADA	00	9	02	4	0	0	—	5.4	32.9	38	00	9	30	6	0	0	—	4.0	−2.2	27.3	34	−1	25	+1	61	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	5.5	32.4	63	00	7	32	3	0	0	—	5.4	−1.2	29.2	33	−1	26	0	56	0	tr	6	147
PORT SUDAN									02	—	24	2	0	4	—	4.7	−0.4	38.5	39	−1	26	−1	21	0	81	111	169
WADI HALFA									00	8	28	5	0	0	—	6.0	−1.9	30.0	41	0	24	0	25	—	—	—	165
KAREIMA									01	8	28	3	1	3	Ci	6.1	−1.9	32.9	44	−2	25	−1	25	0	3	6	166
'ATBARA									00	—	32	3	0	0	—	4.8	−2.6	35.0	43	+2	28	+2	13	0	6	15	167
KHARTUM									01	7	22	1	1	4	Ac	5.3	−3.4	33.2	44	+5	28	+3	25	0	15	25	168
KASSALA									01	8	14	2	0	3	Ci	6.7	−4.0	28.4	40	+4	25	+2	44	dr	62	75	170
WAD MEDANI									02	—	18	5	0	4	—	6.2	−3.7	31.4	42	+5	28	+5	41	0	94	89	171
DUEIM									00	—	—	3	0	0	—	7.5	−2.6	30.4	42	+5	27	+4	58	0	78	67	173
RENK																										—	182
ROSEIRES									50	—	14	1	1	8	—	9.5	−2.3	23.6	35	+2	22	+1	91	1	195	263	172
EL OBEID									01	8	18	2	0	4	Ac	6.8	−4.7	27.6	37	+2	25	+3	57	0	116	84	174
EL FASHER									01	8	12	1	1	4	Ac	—	—	25.0	40	+4	22	0	61	0	20	54	175
GENEINA									02	8	24	2	1	5	Ac	—	—	25.5	38		23		76	0	66	—	173
KADUGLI																										—	187
MALAKAL									01	8	22	3	2	4	Ac	7.4	−5.1	28.8	36	+5	23	+2	57	0	337	394	176
WAU									03	—	24	1	1	7	—	8.4	−2.9	25.2	34	+2	23	+3	82	0	496	586	177
JUBA									03	7	00	0	0	7	Ac	10.4	−2.3	24.5	33	+1	23	+3	84	0	615	578	178

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

UPPER WINDS ON 7th الرياح العليا يوم ٧

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	GENEINA
7 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	2 h. m.	3 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	6 h. m.
02.34.40		02.33.60					03.36.20	06.36.10	06.29.15	06.20.30	07.24.25	06.24.25		10.21.25
05.36.10		05.32.50					06.36.30	10.34.10	10.28.20	10.22.15	10.26.35	10.27.30		15.26.45
10.01.25		10.33.55					10.36.30		15.33.30	15.26.30	15.09.20	15.24.20		20.30.45
15.01.30		13.34.40					15.34.25		20.34.25	20.28.25	20.31.10	20.07.05		30.35.25
20.35.40							20.25.05		25.32.20	30.01.20	30.30.10	30.05.30		38.04.20
25.34.55							25.18.10		30.32.15	36.06.15		40.05.25		
30.34.50							30.21.20		40.25.10			50.03.15		
									50.13.15			56.07.15		
									60.11.60					
									70.10.55					

Forecast for 24 hours from noon on

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر يوم

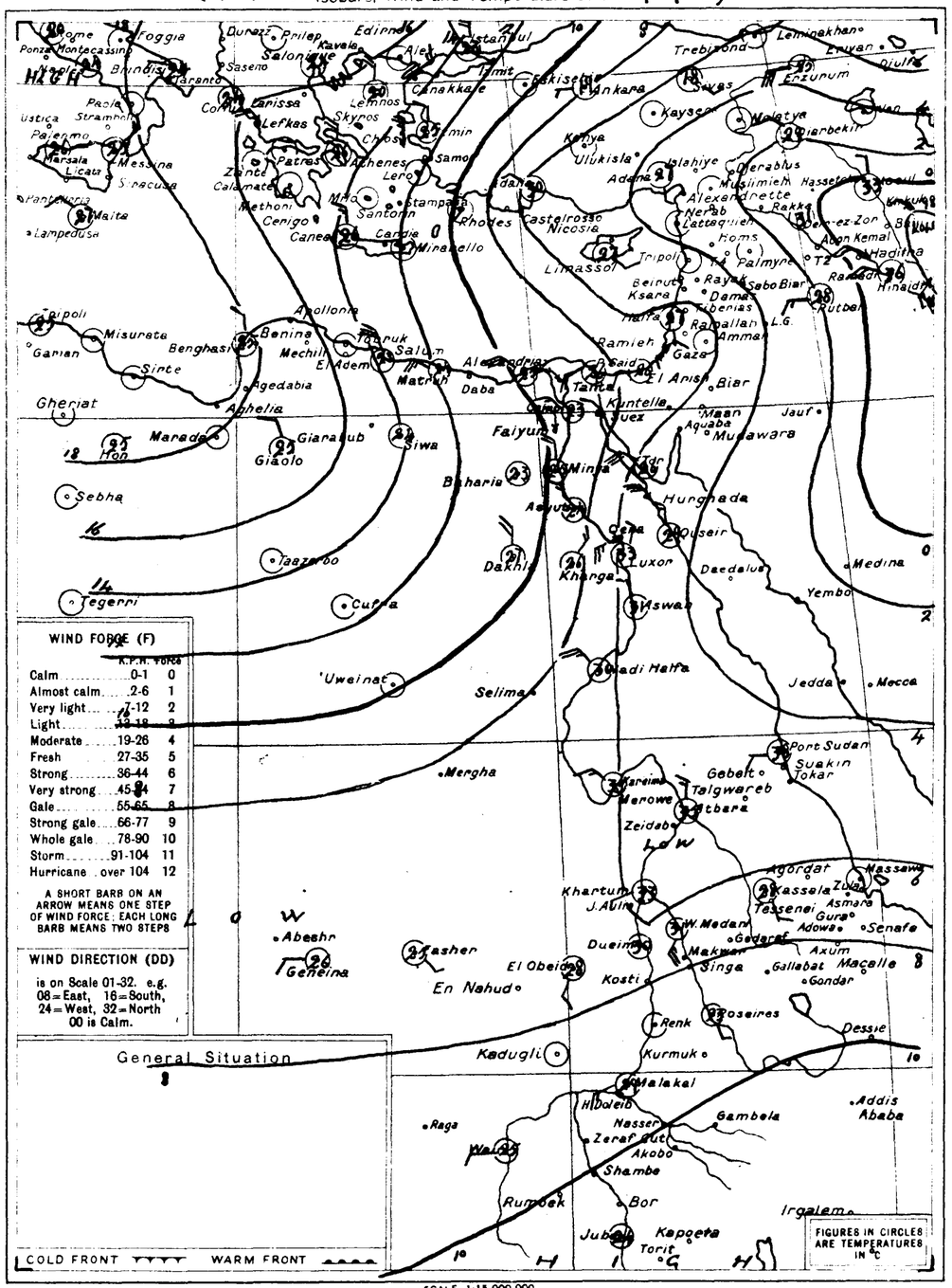
STATION	Mean of day HUMIDITY % on 7th	Mean of day HUMIDITY % Diff. from normal	Mean of day WET BULB TEMP °C on 7th	Mean of day WET BULB TEMP °C Diff. from normal
Alexandria	78	+5	22.3	+0.5
Ezbekiya	63	+5	22.4	+0.2
Giza	67	+9	22.1	+0.7
Helwân	56	+11	20.5	+1.5

Giza Grass minimum on 7th 20.1°C

Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
7-7	1794	1566
6-7	1736	1562

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Juba	5-7	13.54	+0.00	13.54	+0.00
Nasser	5-7	9.02	+0.28	9.01	+0.31
Malakal	6-7	11.51	+0.30	11.50	+0.31
Roseires	6-7	16.03	+1.36	16.00	+1.46
Sennar Res.	7-7	8.87	—	8.30	—
J. Aulia U.S	5-7	372.74	—	372.51	—
J. Aulia D.S.	5-7	371.49	−0.27	371.77	+0.05
Khartum	6-7	11.64	−0.14	11.80	+0.08
Kh. el Girba	5-7	12.00	−0.07	12.12	+0.14
Atbara	6-7	11.10	+0.06	11.10	+0.14
Kajnarti	7-7	133.35	+0.03	133.25	+0.02
Aswân Res.	7-7	108.45	—	108.82	—
Aswân D.S.	7-7	87.14	+0.44	87.08	+0.42
Roda (Cairo)	6-7	15.97	+0.36	15.93	+0.32



STATION	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	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE MINIMUM Diff. from norm °C	HUMIDITY % UU	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
Limassol		09	6	12	2	4	1	—	5.0	−2.8	27	—	—	—	—	—	0	610	464
Haifa		02	—	14	2	—	4	—	7.4	+0.9	27.0	32	+1	24	+3	54	0	559	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

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 00
" " Sunset 18 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h. on 7-7-39 / At 8 h. on SATURDAY 8th (السبت ٨)

STATION	14h Present weather ww	Vis. 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 Present weather ww	Vis. 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	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
SALUM	00	8	02	6	0	0	—	11.8	27.6	54	00	8	30	6	0	0	—	10.7	0.0	23.2	30	—	19	—	73	0	182	—	130
MATRUH	00	7	28	5	0	0	—	11.0	25.4	74	00	7	26	5	0	0	—	8.6	-2.2	24.9	26	-2	22	+2	76	0	122	160	131
DIKHEILA	01	8	28	5	1	4	Cu	9.4	25.3	77	02	8	28	4	1	5	Sc	7.9	—	24.3	26	—	24	—	83	0	94	—	150
ALEXANDRIA	02	9	28	6	2	5	AC	8.7	26.6	72	02	9	28	4	2	5	Ac	7.1	-3.0	24.2	28	-2	23	+1	82	0	166	185	132
DAMIETTA											02	8	18	2	2	4	Ac	5.9	—	26.6	28		22		77	0	70	107	159
PORT SAID	00	7	28	5	1	0	—	7.2	30.4	57	01	7	20	3	1	3	Ac	6.3	-2.4	25.6	31	+1	23	0	70	0	64	81	134
EL ARISH	00	7	30	2	1	0	—	7.9	27.4	72	01	7	20	2	1	3	Cu	6.4	—	26.2	29		22		73	0	130	93	135
DAMANHUR											01	8	28	4	1	4	Cu	7.2	-2.5	26.4	29	-4	20	+1	66	0	29	103	136
MANSURA											02	5	16	2	1	4	Sc	6.7	—	24.8	31	-4	22	+2	73	0	46	55	137
TANTA	02	7	28	5	1	5	Cu	7.8	30.0	53	02	6	00	0	1	5	Cu	7.0	-3.2	26.0	30	-6	19	-1	69	0	41	43	138
ZAGAZIG	01	9	20	3	0	3	Cs	7.5	31.8	49	01	8	28	3	1	3	Cu	8.4	—	26.6	32	-3	22	+3	68	0	31	29	139
ALMAZA	01	8	30	3	1	1	Cu	6.8	32.0	43	05	7	30	3	2	7	St	8.3	—	25.3	32		22		66	0	18	—	141
EZBEKIYA	00	7	28	4	0	0	—	7.1	32.7	39	03	7	30	2	2	6	Cu	7.5	-1.9	24.8	33	-2	23	+2	69	0	23	28	
GIZA	00	7	28	4	0	0	—	7.4	31.1	43	03	6	00	0	2	7	Sc	7.8	-2.5	24.0	32	-3	22	+3	75	0	23	28	
HELWAN	00	7	26	5	1	0	—	7.0	31.0	36	03	6	26	2	2	6	Cu	7.5	-2.5	23.7	32	-3	21	0	65	0	26	29	143
SUEZ	00	9	26	2	0	0	—	6.4	33.0	34	01	7	28	1	1	4	Cu	7.2	-1.6	26.2	36	0	21	-2	57	0	27	18	144
FAIYUM	00	7	32	2	0	0	—	7.1	32.0	36	02	7	32	2	2	5	Cu	7.1	-3.0	24.0	33	-4	22	+1	72	0	7	8	153
MINYA	00	6	30	4	1	0	—	7.4	32.2	34	00	7	32	2	2	0	—	8.0	-1.1	25.0	33	-4	19	-2	63	0	4	—	154
ASYUT	00	6	26	4	0	0	—	6.8	31.1	36	01	6	26	3	1	3	Cu	8.3	-0.6	24.0	34	-3	20	-3	63	0	2	4	155
QENA	00	8	22	4	0	0	—	3.9	37.2	30	00	8	22	4	0	0	—	6.0	-1.0	27.0	39	-2	24	0	54	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	4.6	37.0	32	00	8	30	2	0	0	—	5.9	—	29.8	39		23		42	0	dr	—	157
ASWAN	00	7	30	1	0	0	—	2.8	40.0	30	00	7	32	4	0	0	—	5.6	-1.8	28.9	41	-1	25	-1	41	0	1	—	158
SIWA	00	8	00	0	0	0	—	12.3	32.0	54	00	8	00	0	0	0	—	8.0	-3.1	22.8	34	-3	18	-2	84	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	9.5	32.0	43	00	9	32	1	0	0	—	9.9		23.5	33		18	—	79	0	1	—	149
KHARGA	00	8	04	4	0	0	—	7.2	35.6	28	00	8	28	3	0	0	—	8.3	+0.2	26.0	36	-4	23	0	47	0	dr	tr	151
DAKHLA	06	7	28	6	0	0	—	9.4	32.8	32	00	8	30	3	0	0	—	10.0	+0.8	26.2	34	-6	21	-2	45	0	dr	—	152
TOR	00	6	28	5	0	0	—	3.6	31.0	65	00	6	28	4	0	0	—	4.6	-1.8	27.5	33	-1	25	+1	74	0	20	13	145
HURGHADA	00	9	30	5	0	0	—	3.2	30.9	48	00	9	30	6	0	0	—	4.4	-2.5	27.1	32	-3	24	0	62	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	4.8	30.6	59	00	7	32	3	0	0	—	4.7	-1.9	28.8	32	-2	26	0	61	0	tr	6	147
PORT SUDAN											05	—	02	3	—	9	—	3.8	-1.3	35.0	41	+1	27	0	23	0	81	111	169
WADI HALFA											01	8	02	2	0	3	Ac	6.3	-1.6	28.4	39	-2	23	-1	27	—	—		165
KAREIMA											05	7	30	4	1	5	Ac	6.3	-1.7	31.8	43	0	27	+1	14	0	3	6	166
ATBARA											00	—	02	4	0	0	—	4.0	-3.5	35.0	42	+1	28	+2	13	0	6	16	167
KHARTUM											02	7	16	2	1	5	Cs	5.4	-3.3	32.3	44	+5	28	+3	33	0	15	27	168
KASSALA											01	8	20	3	0	1	Cu	6.6	-4.2	30.0	40	+4	27	+4	47	0	62	79	170
WAD MEDANI											00	—	18	6	0	0	—	6.6	-3.4	30.1	41	+4	26	+3	44	0	94	92	171
DUEIM											00	—	—	3	0	0	—	7.8	-2.3	29.4	41	+4	26	+3	53	0	78	70	173
SENNAR																												—	182
ROSEIRES											00	—	14	1	0	0	—	9.0	-2.8	25.2	34	+1	22	+1	70	2	197	269	172
EL OBEID											03	8	18	2	0	7	As	7.7	-3.8	27.4	38	+3	26	+4	63	dr	116	87	174
EL FASHER											02	8	14	4	1	5	Cu, Cs	—	—	28.6	39	+3	24	+2	58	0	20	57	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL											03	8	16	4	5	7	Cb, Ac	10.2	-2.4	23.4	34	+3	21	0	86	3	340	400	176
WAU											50	—	20	3	6	8	—	10.1	-1.2	22.0	35	+3	20	0	91	78	574	592	177
JUBA											03	8	24	2	0	7	Cu, Sc	12.0	-0.7	22.2	29	-3	20	0	91	0	615	582	178

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

8th

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 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	P.Said A.P. 7 h.
02.34.35	02.31.40	01.32.15		02.31.15	02.34.35	02.35.25	03.36.25	06.36.40	06.10.05	06.23.20	07.22.25	06.19.25		02.25.25
05.36.50	05.34.45	02.32.15		05.31.10	05.34.25	05.35.40	06.36.45	10.33.25	10.04.25	10.25.30	10.26.45	10.17.25		05.26.15
10.03.20	ent. Cld. Cu.	05.32.25		08.31.15	10.34.45	10.34.10	10.35.30	15.31.25	15.00.00	15.25.30	15.32.16	15.15.15		07.29.10
15.36.30		ent. Cu.		ent. Cu.		15.23.20	15.33.25	20.31.15	20.02.40	20.25.15	20.03.25	20.13.15		10.07.20
20.35.30							20.21.25	25.30.10	30.01.20	30.15.05	30.03.20	30.12.20		
22.34.25							30.19.20	30.30.10	40.11.15	33.13.10	40.09.15	36.07.35		
							32.18.20	40.30.10	45.12.20		47.11.35			

Forecast for 24 hours from noon on

STATION	Humidity 7th	Diff. from normal	Min. temp 7th	Diff. from normal
Alexandria	78	+5	22.2	+0.4
Ezbekiya	65	+7	21.8	-0.4
Giza	64	+6	21.1	-0.4
Helwan	61	+16	20.1	+1.1

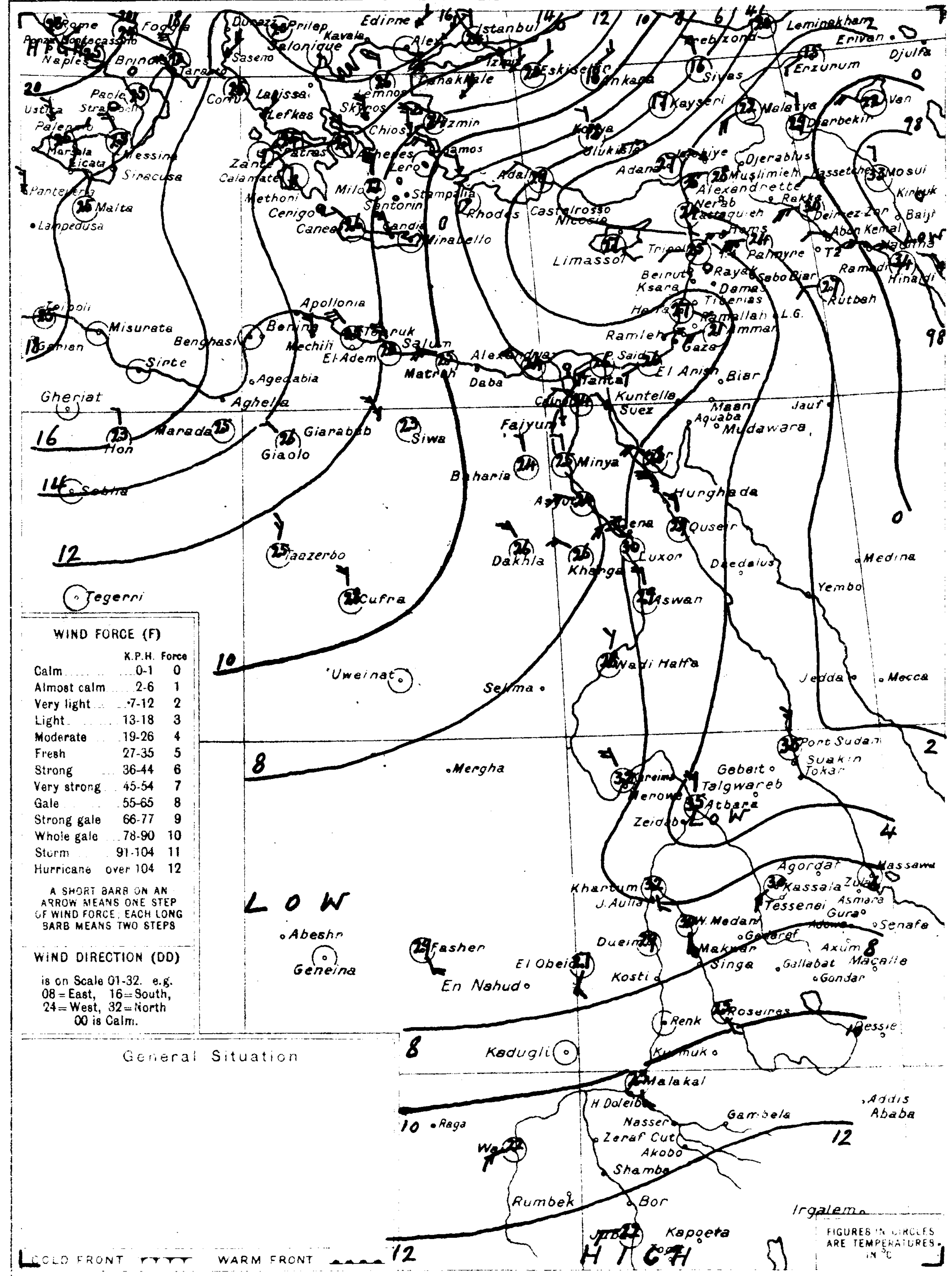
Giza Grass minimum on 8th 20.5 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
8-7	1794	1562
7-7	1794	1566

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	7-7	13.45	-0.09	13.51	-0.03
Nasser	7-7	9.07	+0.25	9.04	+0.26
Malakal	8-7	11.54	+0.29	11.51	+0.28
Roseires	8-7	15.00	+0.05	15.24	+0.40
Sennar Res	7-7	8.87	—	8.30	—
J. Aulia U.S	7-7	373.25	—	372.98	—
J. Aulia D.S	7-7	371.11	-0.74	371.21	-0.59
Khartum	8-7	11.78	-0.16	11.62	-0.25
Kh. el Girba	7-7	12.20	-0.02	12.04	-0.10
Atbara	8-7	11.12	0.00	11.10	+0.03
Kajnarti	7-7	133.35	+0.03	133.25	+0.02
Aswan Res.	8-7	108.14	—	108.45	—
Aswan D.S.	8-7	87.17	+0.43	87.14	+0.44
Roda (Cairo)	8-7	15.97	+0.34	15.97	+0.35

٨-٧-٣٩ Isobars, Wind and Temperature at 8 h. 8.7.39.



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

At 8 h. on 8th (الساعة ٨ يوم ٨)

STATION	Present weather ww	Vis. 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	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
Limasol	09	6	12	1	4	1	—	4.7	-3.1	27	—	—	—	—	—	0	610	464
Haifa	01	—	10	1	—	3	—	6.6	+0.2	26.7	30	-1	22	+1	52	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 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
" ...	91
" with Hail	94, 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	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)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. 1939 38 554

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

CAIRO
Time of Sunrise 5 h 0 m
" " Sunset 18 59

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 8-7 / الساعة ١٤ يوم ٨/٧ — At 8 h. on SUNDAY 9th / الساعة ٨ يوم الأحد ٩

STATION	14h Present weather ww	V	Wind DD	F	Past weather W	Cloud N	C	Bar. press. M.S.L. 1000+ PPP	Temp. TTT	% Humidity UU	8h 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 normal °C	Min. today °C mm	Diff. from normal °C	Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM	00	8	02	6	0	0	—	10.4	27.0	63	00	8	30	5	0	0	—	12.3	+2.7	23.5	29	—	19	—	64	0	182	—	130
MATRUH	01	7	28	4	0	2	Cu	10.0	26.8	72	00	7	26	5	0	0	—	10.7	0.0	24.8	27	-1	21	+1	71	0	122	160	131
DIKHEILA	02	8	30	5	1	5	Cu	8.0	25.1	86	01	8	26	4	1	4	Sc	10.6	—	24.8	26	—	23	—	77	0	94	—	150
ALEXANDRIA	02	9	28	4	2	5	Ac	7.6	26.7	79	02	9	26	4	2	4	Ac	10.3	+0.3	24.8	28	-2	23	+1	73	0	166	185	132
DAMIETTA											01	8	28	2	2	3	Ac	8.6	—	25.8	29	—	22	—	78	0	70	107	159
PORT SAID	01	7	30	3	1	2	Ac	5.9	29.8	61	02	7	22	4	1	5	Ac	8.4	-0.2	29.5	31	0	24	+1	77	0	64	81	134
EL 'ARISH	00	7	28	4	1	0	—	5.9	27.8	70	01	7	28	2	1	3	Cu	8.6	—	27.6	30	—	22	—	77	0	130	93	135
DAMANHUR											01	7	24	4	1	2	Cu	9.9	+0.3	26.4	30	-3	19	0	65	0	29	103	136
MANSURA											01	7	28	2	0	3	Ac	9.1	—	25.0	33	-2	20	0	70	0	46	55	137
TANTA	02	7	28	5	1	4	Ac	6.3	31.5	51	02	6	28	2	1	5	Cu	9.8	-0.3	25.0	32	-4	18	-2	76	0	41	43	138
ZAGAZIG	01	9	28	2	0	2	—	6.2	32.4	46	02	8	26	1	1	4	Cu	10.2	—	26.9	33	-2	18	-1	69	0	31	29	139
CAIRO ALMAZA	00	8	30	3	0	0	—	6.7	31.6	45	05	7	02	3	1	5	Cu	10.8	—	24.0	34	—	21	—	73	0	18	—	141
CAIRO EZBEKIYA	00	8	30	3	0	0	—	6.0	33.1	36	02	6	28	2	1	5	Cu	10.0	+0.7	25.4	35	0	21	0	69	0	23	28	—
CAIRO GIZA	00	8	30	3	0	0	—	5.8	32.7	32	02	6	30	3	2	4	Cu	9.8	-0.4	24.0	34	-1	20	+1	75	0	23	28	—
HELWAN	00	8	28	3	1	0	—	5.6	31.9	25	05	5	28	3	1	3	Cu	10.2	+0.3	22.9	34	-1	21	0	74	0	26	29	143
SUEZ	00	9	04	2	0	0	—	5.3	32.1	40	00	7	28	2	0	0	—	9.5	+0.8	26.0	35	-1	22	-1	64	0	27	18	144
FAIYUM	00	7	28	3	0	0	—	6.8	33.5	37	00	7	32	1	0	0	—	10.8	+0.8	24.4	35	-2	20	-1	70	0	7	8	153
MINYA	00	7	02	4	1	0	—	6.7	32.3	38	00	8	02	2	1	0	—	10.3	+1.3	24.3	33	-4	20	-1	72	0	4	—	154
ASYUT	00	7	26	4	1	0	—	6.3	32.0	33	00	6	28	3	0	0	—	9.8	+1.0	25.0	35	-2	20	-3	68	0	2	4	155
QENA	02	8	22	5	1	4	Cc	4.3	36.0	27	00	8	22	3	0	0	—	7.6	+0.7	28.3	38	-3	23	-1	55	0	dr	—	156
LUXOR	02	8	22	3	2	5	Cs	4.7	35.5	28	00	8	30	2	0	0	—	8.3	—	32.5	37	—	21	—	39	0	dr	—	157
ASWAN	00	7	32	2	0	0	—	3.8	37.3	53	00	7	32	2	0	0	—	7.8	+0.5	30.0	39	-3	26	0	36	0	1	—	158
SIWA	00	8	00	0	0	0	—	11.1	35.0	59	00	8	00	0	0	0	—	14.4	+3.3	22.8	38	+1	17	-3	88	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	7.4	33.0	44	00	9	00	0	0	0	—	11.5	—	23.0	34	—	18	—	78	0	1	—	149
KHARGA	00	8	32	3	0	0	—	6.0	35.4	30	00	8	32	2	0	0	—	8.8	+0.7	28.2	35	-5	20	-3	35	0	dr	tr	151
DAKHLA	00	7	30	4	0	0	—	8.8	33.8	21	00	7	26	3	0	0	—	12.2	+3.1	27.2	34	-6	21	-2	45	0	dr	—	152
TOR	01	6	28	6	0	1	Ci	3.0	30.0	54	00	6	28	5	0	0	—	6.4	+0.1	27.5	33	-1	24	0	82	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	3.2	31.8	40	00	9	30	5	0	0	—	6.7	-0.1	28.5	32	-3	27	+3	58	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	4.2	30.0	60	00	7	32	3	0	0	—	5.9	-0.6	30.0	32	-2	25	-1	53	0	tr	6	147
PORT SUDAN											02	—	32	2	0	4	—	7.1	+2.1	30.2	41	+1	28	+1	58	0	81	111	169
WADI HALFA											01	8	02	3	1	4	Cs	8.7	+0.8	29.0	39	-2	22	-2	29	—	—		165
KAREIMA											01	8	26	3	0	3	Cc	8.9	+0.9	31.2	41	-2	25	-1	22	0	3	6	166
ATBARA											00	—	12	2	0	0	—	8.4	+0.9	34.7	44	+3	28	+2	18	0	6	17	167
KHARTUM											18	5	16	5	1	5	AcCc	9.6	+0.9	30.5	40	+1	28	+3	37	0	15	29	168
KASSALA											03	8	14	4	1	6	AcCs	9.1	-1.7	28.7	39	+3	25	+2	46	dr.	62	82	170
WAD MEDANI											02	—	14	6	1	4	—	11.1	+1.8	28.2	40	+3	25	+2	54	0	94	96	171
DUEIM											00	—	—	3	0	0	—	10.2	0.0	29.6	39	+2	27	+4	58	0	78	73	173
RENK																												—	182
ROSEIRES											00	—	12	1	1	0	—	12.4	+0.6	24.0	34	+1	22	+1	77	dr	197?	275	172
EL OBEID											02	8	20	2	0	5	AcCu	10.0	-1.5	28.6	34	-1	27	+5	58	0	116	90	174
EL FASHER											25	8	14	1	2	7	CuSc	—	—	26.5	35	-1	25	+3	56	dr	20	61	175
GENEINA											03	8	24	2	1	6	AcAs	—	—	25.0	36	—	22	—	76	0	66	—	179
KADUGLI																												—	187
MALAKAL											03	8	16	2	2	6	AcAs	12.3	-0.3	25.5	32	+1	23	+2	83	0	340	407	176
WAU											02	—	24	2	1	4	—	11.6	+0.3	25.5	31	-1	21	+1	79	0	574	598	177
JUBA											02	8	28	3	0	5	Ac	13.2	+0.5	23.6	32	+1	21	+1	91	0	615	587	178

UPPER WINDS ON 9th الرياح العليا يوم ٩

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO h. m.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 3 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA h. m.	P.Said A.P. 7 h.
023530	023140	023130		023220	023220	023410	035515	063425	061740	061925	072320	062015		022920
053635	053255	053125		053315	053530	053540	060125	103220	101825	102315	102525	102020		052815
100130	103345	083130		083220	103435	103545	100125	152920	150315	152740	152515	152110		Ent Cu
150430		Ent Cu		103225	153355	152630	153120	203015	203615	202935	203110	203405		
200125				153125	203360	202120	203520	252920	300110	300315	302610	302505		
253520				203225		252520	293520	301920	403520	340520	363110	400705		
303425				233230				402015				502005		
								481720				603105		
												631310		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 8th	Diff. from normal	Wet bulb temp °C on 8th	Diff. from normal
Alexandria	80	+7	22.6	+0.7
Ezbekiya	59	+1	21.7	-0.5
Giza	61	+2	21.2	-0.3
Helwan	49	+4	19.5	+0.4

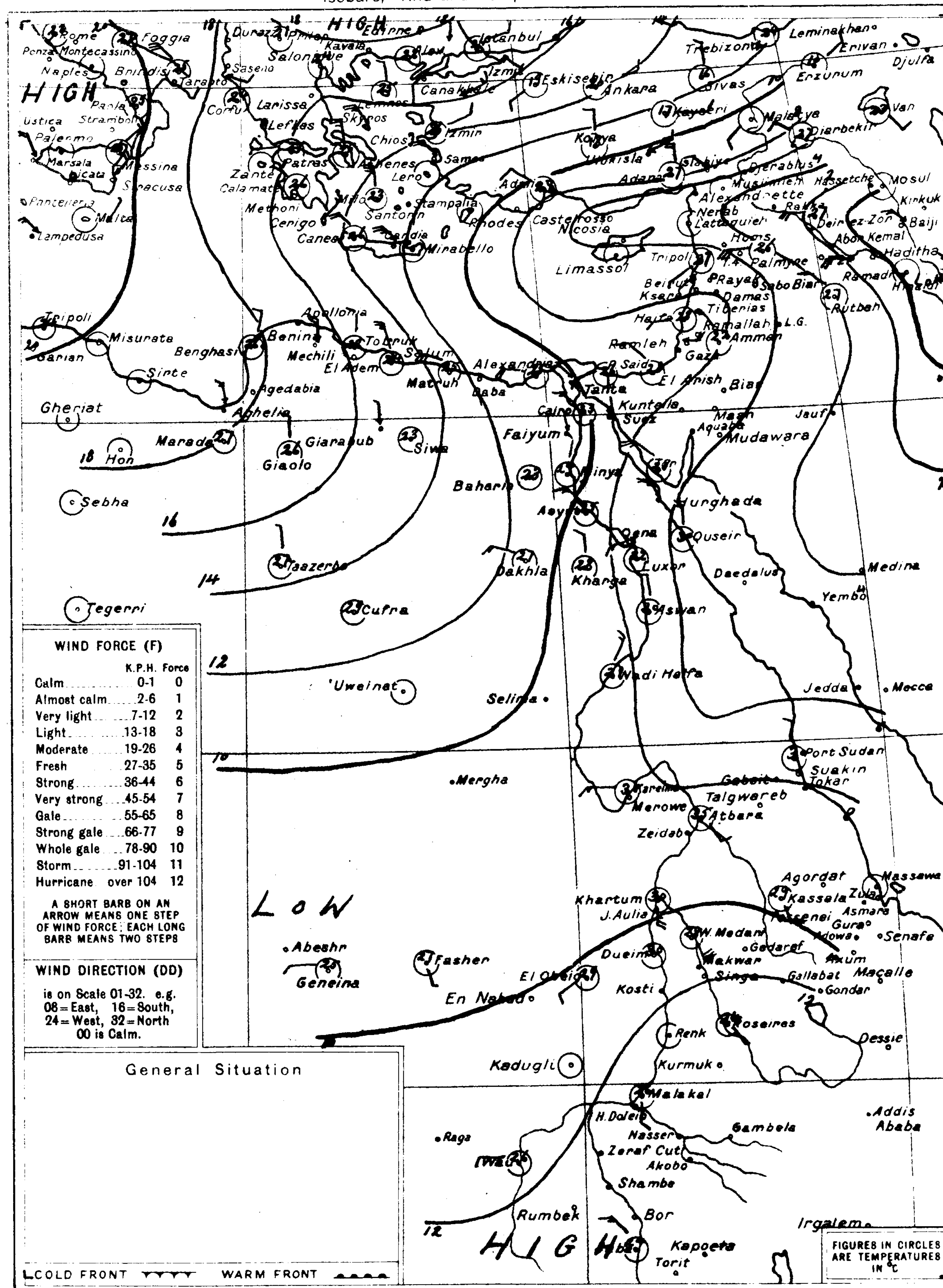
Giza Grass minimum on 9th 18.6 °C

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

DATE	1939	1938
9-7	1794	1568
8-7	1794	1562

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	9-7	13.39	-0.15	13.41	-0.13
Nasser	8-7	9.10	+0.34	9.07	+0.25
Malakal	9-7	11.54	+0.28	11.54	+0.29
Roseires	9-7	15.18	+0.13	15.00	+0.05
Sennar Res	8-7	10.41	—	8.87	—
J. Aulia U.S	8-7	373.55	—	372.35	—
J. Aulia D.S	8-7	371.14	-0.77	371.11	-0.74
Khartum	8-7	11.78	-0.16	11.63	-0.25
Kh. el Girba	8-7	12.89	-0.20	12.20	-0.02
Atbara	8-7	11.12	0.00	11.10	+0.03
Kajnarti	8-7	133.43	+0.04	133.35	+0.03
Aswan Res.	9-7	107.34	—	108.14	—
Aswan D.S.	9-7	87.17	+0.40	87.17	+0.43
Roda (Cairo)	9-7	15.98	+0.30	15.97	+0.34

٢٩-٧-٩ Isobars, Wind and Temperature at 8 h. 9-7-39



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

STATION محطة	At 8 h. on 9th — 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	09	6	12	1	4	4	—	6.2	-1.4	27	—	—	—	—	—	0	610	464
Haifa	01	—	32	2	—	3	—	2.9	+1.6	28.2	30	-1	23	+2	61	0	569	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

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CAIRO

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

1417 F.C.

Isobars, Wind and Temperature at 8 h. 10-7-1939. ١٩٣٩-٧-١٠

At 14 h. on 9th — الساعة ١٤ يوم ٩

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESS. M.S.L. 1000+ m.b.s.	TEMP.	HUMIDITY	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	U	
SALUM	00	8	02	6	0	0	—	12.7	27.6	52	130
MATRUH	00	7	28	5	0	0	—	11.4	26.2	68	131
DIKHEILA	01	8	26	4	1	3	Cu	11.0	26.0	81	150
ALEXANDRIA	01	9	28	4	2	3	Ac	10.4	26.3	66	132
DAMIETTA											159
PORT SAID	00	7	30	4	1	0	—	9.4	29.3	62	134
EL ARISH	00	7	30	3	1	0	—	8.7	29.5	69	135
DAMANHUR											136
MANSURA											137
TANTA	02	7	28	4	1	4	Ac	9.8	30.5	50	138
ZAGAZIG	00	8	30	1	0	0	—	9.4	32.8	42	139
EL ALMAZA	00	8	30	3	0	0	—	10.0	32.5	55	141
EZBEKIYA	00	8	30	3	1	0	—	9.0	33.5	25	—
GIZA	00	8	30	3	1	0	—	8.4	32.7	36	—
HELWAN	00	7	30	5	0	0	—	9.8	32.0	24	143
SUEZ	00	9	26	3	0	0	—	8.4	34.8	27	144
FAIYUM	00	7	20	2	0	0	—	9.9	33.0	29	153
MINYA	00	7	30	4	1	0	—	10.2	31.8	30	154
ASYUT	00	7	26	4	1	0	—	8.7	32.7	26	155
QENA	00	8	22	4	0	0	—	38		23	156
LUXOR	00	8	30	3	0	0	—	6.6	36.0	26	157
ASWAN	00	7	32	2	0	0	—	5.4	37.8	38	158
SIWA	00	8	00	0	0	0	—	12.4	33.4	54	148
BAHARIYA	00	9	00	0	0	0	—	10.0	33.0	44	149
KHARGA	00	8	04	4	0	0	—	7.5	36.7	23	151
DAKHLA	00	8	26	4	0	0	—	10.6	34.8	24	152
TOR	00	6	28	6	0	0	—	6.0	29.9	71	145
HURGHADA	00	9	02	4	0	0	—	5.6	32.4	42	146
QUSEIR	00	7	32	3	0	0	—	6.6	30.2	64	147
PORT SUDAN											169
WADI HALFA											165
KAREIMA											166
ATBARA											167
KHARTUM											168
KASSALA											170
WAD MEDANI											171
DUEIM											173
RENK											182
ROSEIRES											172
EL OBEID											174
EL FASHER											175
GENEINA											179
KADUGLI											187
MALAKAL											176
WAU											177
JUBA											178

At 8 h. on MONDAY 10th — الاثنين ١٠ الساعة ٨ يوم

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	BAR. PRESSURE Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	TEMPERATURE Maximum Yesterday °C	TEMPERATURE Maximum Diff. from norm. °C	TEMPERATURE Minimum Today °C	TEMPERATURE Minimum Diff. from norm. °C	HUMIDITY	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		U				
SALUM	00	8	32	5	0	0	—	15.8	+5.3	23.8	29	—	18	—	60	0	182	—	130
MATRUH	00	7	26	3	0	0	—	14.7	+4.1	24.7	26	-2	19	-1	84	0	122	160	131
DIKHEILA	01	8	28	4	1	4	Sc	14.0	—	24.5	27	—	23	—	86	0	94	—	150
ALEXANDRIA	02	9	28	3	2	5	AC	13.4	+3.5	24.6	28	-2	23	+1	76	0	166	185	132
DAMIETTA	00	8	26	2	0	0	—	11.9	—	26.4	28	—	21	—	80	0	70	107	159
PORT SAID	01	7	28	3	1	3	AC	11.4	+2.9	29.4	30	-1	24	+1	74	0	64	81	134
EL ARISH	00	7	00	0	0	0	—	11.9	—	27.0	30	—	20	—	77	0	130	93	135
DAMANHUR	01	8	32	3	1	3	Cu	12.8	+3.3	27.7	31	-2	20	+1	67	0	29	103	136
MANSURA	01	7	12	2	1	4	Cu	12.3	—	25.8	32	-3	26	0	77	0	46	55	137
TANTA	00	7	00	0	0	0	—	12.8	+2.8	26.0	31	-5	19	-1	76	0	41	43	138
ZAGAZIG	01	8	22	1	0	3	—	12.8	—	27.4	33	-2	18	-1	73	0	31	29	139
EL ALMAZA	05	6	32	1	2	5	st	13.4	—	24.7	35	—	22	—	78	0	18	—	141
EZBEKIYA	02	6	28	2	2	4	Cu	13.0	+3.7	25.4	35	0	22	+1	75	0	23	28	—
GIZA	02	6	30	3	2	4	Cu	12.4	+2.2	24.0	33	-2	20	+1	79	0	23	28	—
HELWAN	05	5	28	2	2	4	Cu	13.0	+3.1	23.9	33	-2	21	0	77	0	26	29	143
SUEZ	02	7	32	2	1	5	Cu	12.0	+3.4	25.2	36	0	22	-1	78	0	27	18	144
FAIYUM	01	7	32	1	0	1	Cu	12.8	+2.8	25.0	35	-2	20	-1	76	0	7	8	153
MINYA	01	7	30	3	1	1	Cu	12.0	+3.0	24.3	33	-4	18	-3	69	0	4	—	154
ASYUT	00	6	28	3	0	0	—	12.0	+3.3	25.0	34	-3	20	-3	68	0	2	4	155
QENA	00	8	24	3	0	0	—	9.1	+2.2	28.6	39	-2	23	-1	46	0	dr	—	156
LUXOR	00	8	02	2	0	0	—	49	—	31.0	38	—	23	—	32	0	dr	—	157
ASWAN	00	7	30	3	0	0	—	9.3	+2.0	29.4	40	-2	24	-2	18	0	1		158
SIWA	00	8	00	0	0	0	—	17.2	+6.1	25.4	38	0	17	-3	74	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	14.2	—	24.0	34	—	20	—	83	0	1	—	149
KHARGA	00	8	32	2	0	0	—	9.0	+1.0	29.3	37	-3	22	-1	39	0	dr	tr	151
DAKHLA	05	7	28	2	0	0	—	13.1	+4.0	27.2	36	-4	21	-2	45	0	dr	—	152
TOR	00	8	28	6	0	0	—	8.2	+1.9	27.5	34	0	25	+1	84	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	7.4	+0.6	29.6	34	-1	24	0	55	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	7.9	+1.4	30.0	32	-2	26	0	53	0	tr	6	147
PORT SUDAN	03	—	20	2	0	7	—	7.5	+2.5	35.4	38	-2	28	0	35	0	81	112	169
WADI HALFA	01	8	30	3	1	4	Cs	10.7	+2.9	28.7	40	-1	24	0	19	—	—	—	165
KAREIMA	01	8	28	4	0	3	Ci	9.3	+1.3	33.6	42	0	25	-1	18	0	3	7	166
ATBARA	00	—	32	6	0	0	—	8.2	+0.6	35.2	42	+1	30	+4	14	0	6	18	167
KHARTUM	02	8	12	1	1	5	ACcs	8.3	-0.4	34.0	42	+3	28	+3	27	0	15	30	168
KASSALA	01	8	18	3	1	4	ACcu	10.2	-0.7	29.3	37	+1	26	+3	55	0	62	85	170
WAD MEDANI	02	—	20	6	0	4	—	10.2	+0.2	30.6	40	+3	25	+3	51	0	94	100	171
DUEIM	00	—	—	3	0	0	—	10.2	0.0	31.2	40	+3	27	+4	52	0	78	76	173
RENK																			182
ROSEIRES	00	—	18	1	0	0	—	12.2	+0.3	26.6	35	+2	23	+2	68	0	197?	281	172
EL OBEID	03	8	20	4	0	8	Cu,Cs	10.6	-1.0	29.0	37	+2	27	+5	71	0	116	93	174
EL FASHER	11	8	04	3	2	7	Cb	—	—	24.5	37	+1	24	+3	68	1	21	64	175
GENEINA	22	8	00	0	9	7	St	—	—	19.8	35	—	19	—	91	31	97	—	179
KADUGLI																			187
MALAKAL	03	8	14	4	2	7	St	14.4	+1.8	23.5	31	0	21	0	83	tr	340	413	176
WAU	03	—	20	3	1	8	—	13.3	+2.0	24.8	32	0	24	+4	82	0	574	605	177
JUBA	03	8	30	3	1	7	Ac,As	15.2	+2.5	21.7	29	-2	20	0	91	30	645	591	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	PSAID A.P.
7 h. m.	7 h. m.	7 h. m.	8 h. m.	8 30 m.	7 h. m.	7 h. m.	3 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
02.34.30	02.31.25	02.33.25	02.35.40	02.32.15	02.31.25	02.35.15	03.02.20	06.35.40	06.01.20	06.22.30	07.23.15	06.17.20		02.31.15
05.01.30	05.35.30	05.32.30	05.34.15	05.35.30	05.35.45	06.01.40	10.35.40	10.35.35	10.24.30	10.25.30	10.23.25			05.34.15
10.02.15	10.35.30	10.36.30	ent. Cu.	08.01.35	10.32.35	10.36.45	10.36.35	15.30.25	15.34.25	15.23.30	15.25.20	15.25.35		07.36.20
15.36.15	15.34.55	13.36.20		10.02.45	15.31.40	15.32.20	15.35.35	20.31.45	20.34.25	20.25.25	20.05.70	20.25.15		10.35.30
20.31.10		ent. Cu.		15.01.35	20.33.30	20.27.25	20.31.35	25.31.35	30.32.15	30.03.30	30.06.20	30.13.05		15.36.30
25.34.10				20.02.45		25.21.15	30.24.35	30.29.20	40.47.15	40.05.30				20.36.30
30.35.25				21.02.25			40.20.25	35.30.30	50.09.35	43.06.25				25.35.40
35.34.20				ent. Cu.					60.09.45					29.33.20
40.33.30									70.10.80					
									75.11.80					

Forecast for 24 hours from noon on

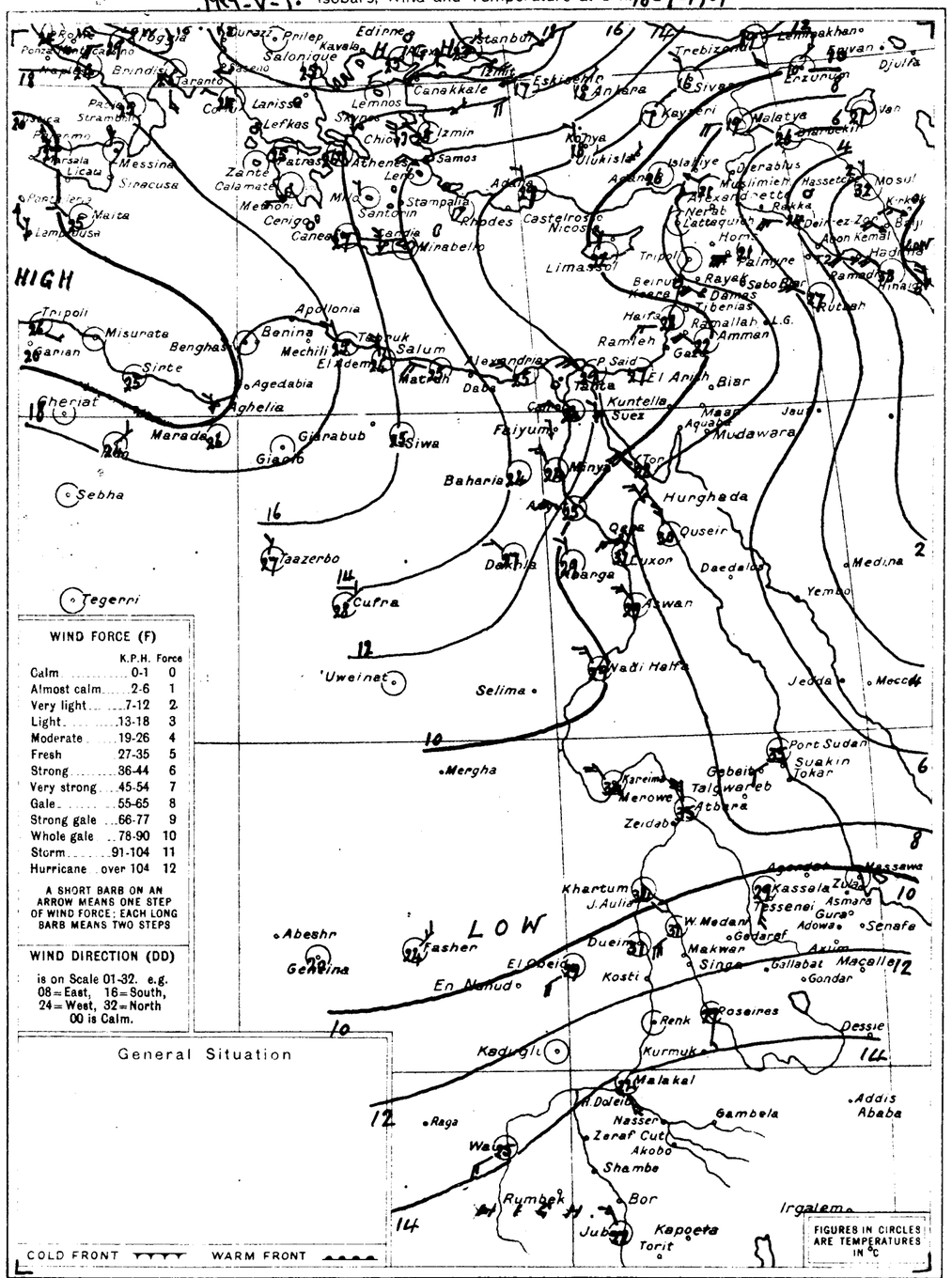
تغيرات الطقس المتوقعة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day HUMIDITY % on 9th	Mean of day HUMIDITY % Diff. from normal	Mean of day WET BULB TEMP. °C on 9th	Mean of day WET BULB TEMP. °C Diff. from normal	Previous day Reading	Previous day Diff. from normal
Alexandria	78	+5	22.0	0.0		
Ezbekiya	57	-1	21.1	-1.2		
Giza	60	+1	21.3	-0.2		
Helwan	54	+9	19.6	+0.5		
Giza Grass minimum on 10th			17.5 °C			

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

DATE	1939	1938
10-7	1794	1562
9-7	1794	1568

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	10-7	13.55	0.00	13.39	-0.15
Nasser	9-7	9.12	+0.23	9.10	+0.24
Malakal	10-7	11.54	+0.26	11.54	+0.28
Roseires	10-7	15.30	+0.15	15.18	+0.13
Sennar Res	9-7	11.65	—	10.41	—
J. Aulia U.S	9-7	373.72	—	373.55	—
J. Aulia D.S	9-7	371.30	-0.67	371.14	-0.77
Khartum	10-7	12.27	+0.17	12.07	+0.05
Kh. el Girba	9-7	11.80	-0.54	12.09	-0.20
Atbara	9-7	11.10	-0.09	11.12	0.00
Kajnarti	9-7	193.50	0.00	133.43	+0.04
Aswan Res.	10-7	107.48	—	107.84	
Aswan D.S.	10-7	87.17	+0.33	87.17	+0.40
Roda (Cairo)	10-7	15.93	+0.39	15.93	+0.38



General Situation

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	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	23
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick "	42
Fog in patches	45
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	85, 86
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 10th — الساعة ٨ يوم

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	BAR. PRESSURE Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	TEMPERATURE Maximum Yesterday °C	TEMPERATURE Maximum Diff. from norm. °C	TEMPERATURE Minimum Today °C	TEMPERATURE Minimum Diff. from norm. °C	HUMIDITY %	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		U			
Limasol	00	7	02	4	0	0	—	8.7	—	32	—	—	—	—	—	0	610	464
Haifa	00	—	22	3	—	0	—	10.7	+4.5	28.2	30	-1	23	+2	62	0	559	647
SHIPS سفن																		

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

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

Month JULY 1939 ١٩٣٩ شهر يوليو

STATION	At 14 h. on 10-7 ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h. on TUESDAY 11 ww	V	DD	F	W	N	C	M.S.L. PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station No.
SALUM	00	8	02	5	0	0	—	15.4	26.4	55	01	8	30	5	4	1	Cu	13.9	+3.4	22.8	27	—	19	—	83	0	182	—	130
MATRUH	00	7	30	5	0	0	—	14.3	25.4	75	02	7	28	4	2	5	Cu	13.4	+2.9	23.2	26	-2	18	-2	85	0	122	160	131
DIKHEILA	01	8	30	4	1	3	Cu	13.5	25.1	89	00	8	30	3	1	0	—	13.3	—	24.5	26	—	23	—	86	0	94	—	150
ALEXANDRIA	01	9	28	4	2	3	Ac	13.1	27.2	68	00	9	32	3	0	0	—	12.6	+2.8	24.4	28	-2	23	+1	80	0	166	185	132
DAMIETTA											00	8	32	2	0	0	—	11.1	—	26.3	30	—	23	—	83	0	70	107	159
PORT SAID	00	7	30	4	1	0	—	11.0	30.0	58	00	7	30	3	0	0	—	10.8	+2.4	27.0	—	—	—	—	73	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	11.2	28.9	75	00	7	00	0	0	0	—	11.0	—	28.2	30	—	20	—	77	0	130	93	135
DAMANHUR											00	8	06	2	0	0	—	—	—	27.2	31	-2	20	+1	69	0	29	103	136
MANSURA											00	8	02	2	0	0	—	13.0	—	26.5	35	0	21	+1	74	0	46	55	137
TANTA	01	7	28	2	1	4	Ac	11.6	32.5	52	00	7	00	0	0	0	—	11.9	+2.0	26.5	33	-3	19	-1	73	0	41	43	138
ZAGAZIG	01	9	30	3	0	3	—	11.2	33.3	40	01	8	30	1	1	3	—	12.4	—	26.6	33	-2	20	+1	72	0	31	29	139
CAIRO ALMAZA	01	8	04	3	0	2	Cu	11.6	34.0	21	05	6	02	1	1	4	St	12.4	—	23.9	34	—	21	—	72	0	18	—	141
CAIRO EZBEKIYA	01	8	32	4	1	1	Cu	11.1	34.9	27	01	6	28	2	0	2	Cu	11.9	+2.7	25.5	36	+1	22	+1	70	0	23	28	—
CAIRO GIZA	01	8	32	4	0	1	Cu	10.3	33.0	34	02	6	32	2	1	4	St	12.0	+1.9	23.6	34	-1	21	+2	78	0	23	28	
HELWAN	01	7	30	4	1	1	Cu	10.0	33.0	22	05	5	30	3	0	2	Cu	12.0	+2.2	23.1	34	-1	20	-1	74	0	26	29	143
SUEZ	01	9	32	3	1	1	Cu	10.0	32.5	33	01	7	32	2	0	2	Cu	9.9	+1.4	26.0	35	-1	22	-1	71	0	27	18	144
FAIYUM	00	7	02	2	0	0	—	10.6	33.3	25	00	7	32	1	0	0	—	12.0	+2.1	25.0	35	-2	20	-1	67	0	7	8	153
MINYA	00	5	32	5	1	0	—	10.7	33.4	31	00	8	32	3	1	0	—	11.1	+2.2	24.8	34	-3	21	0	71	0	4	—	154
ASYUT	00	7	28	4	0	0	—	9.3	34.0	23	00	7	30	4	0	0	—	10.2	+1.5	26.0	35	-2	21	-2	55	0	2	4	155
QENA	00	8	26	4	0	0	—	7.2	37.1	25	00	8	22	2	0	0	—	7.9	+1.1	28.5	39	-2	23	-1	47	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	8.4	36.1	29	00	8	30	1	0	0	—	8.6	—	31.2	37	—	22	—	39	0	dr	—	157
ASWAN	00	7	30	3	0	0	—	6.4	37.5	16	00	7	32	2	0	0	—	7.9	+0.6	28.6	39	-3	25	-1	29	0	1		158
SIWA	00	8	00	0	0	0	—	14.8	35.0	57	00	8	00	0	0	0	—	16.2	+5.1	22.4	39	+1	16	-4	88	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.5	33.0	16	00	9	00	0	0	0	—	12.7	—	26.0	35	—	19	—	59	0	1	—	149
KHARGA	00	8	32	4	0	0	—	—	36.5	30	00	8	32	3	0	0	—	9.1	+1.1	28.7	36	-4	24	+1	42	0	dr	tr	151
DAKHLA	00	7	30	5	0	0	—	12.2	33.8	21	00	7	26	2	0	0	—	12.8	+3.8	27.8	36	-4	23	0	45	0	dr	—	152
TOR	30	3	28	6	3	0	—	5.9	29.2	63	00	6	28	4	0	0	—	6.6	+0.4	27.5	34	0	25	+1	74	0	20	13	145
HURGHADA	00	9	02	6	0	0	—	6.8	32.5	38	00	9	30	4	0	0	—	7.4	+0.7	28.1	33	-2	23	-1	49	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	7.4	30.0	65	00	7	32	3	0	0	—	7.2	+0.8	29.8	33	-1	26	0	42	0	tr	6	147
PORT SUDAN	01	—	04	4	0	3	—	4	36	45	00	—	20	2	0	0	—	7.6	+2.6	34.7	38	-3	28	0	37	0	81	112	169
WADI HALFA											01	8	30	2	0	1	Ac	9.2	+1.4	27.8	39	-2	22	-2	17	—	—	—	165
KAREIMA	01	8	02	4	3	1	—	7.6	40	—	00	8	28	4	0	0	—	9.2	+1.2	32.3	42	0	24	-2	11	0	3	7	166
ATBARA	01	—	02	4	0	3	—	10	39	28	00	—	32	3	0	0	—	8.7	+1.1	34.7	42	+1	28	+2	13	0	6	18	167
KHARTUM	03	8	22	2	1	8	As	6.9	42	16	01	7	18	4	1	3	Ac,Ci	10.2	+1.5	29.5	44	+5	27	+2	52	0	15	32	168
KASSALA	03	8	18	2	1	6	—	2.4	38	20	03	8	16	4	1	6	Ac,Ci	11.2	+0.2	25.9	39	+4	24	+1	62	0	62	88	170
WAD MEDANI	02	—	22	4	1	5	—	6	38	25	00	—	20	6	0	0	—	11.5	+1.4	27.9	39	+2	23	+1	56	0	94	104	171
DUEIM	02	—	—	3	0	5	—	7	37	35	00	—	—	3	0	0	—	12.6	+2.3	26.4	39	+2	23	0	71	0	78	79	173
RENK																												—	182
ROSEIRES											00	—	06	1	5	0	—	12.4	+0.5	23.7	29	-4	20	-1	81	27	224	287	172
EL OBEID	11	7	20	3	9	8	Cu,Sc	8.1	32	54	03	8	16	1	1	6	Ac,Ci	10.6	-1.0	23.6	34	-1	21	-1	75	41	157	96	174
EL FASHER	02	—	24	1	8	5	—	—	26	65	02	8	28	1	1	5	Ac,Cs	—	—	23.5	31	-5	21	0	75	3	24	68	175
GENEINA	03	8	30	2	0	8	Cb,Ac	—	30	13	81	7	12	2	6	7	Cu,Sc	—	—	22.1	32	—	21	—	91	tr	97	—	179
KADUGLI																												—	187
MALAKAL	94	7	30	4	9	8	Sc	13.9	30	100	02	8	14	3	2	5	Sc,Ac	14.6	+1.9	22.1	25	-6	20	-1	94	39	379	419	176
WAU	03	—	20	2	1	7	—	10.	29	65	03	—	24	2	6	7	—	14.3	+3.0	22.0	31	-1	21	+1	91	1	575	611	177
JUBA	03	8	00	0	1	7	Ac	12.7	27	24																		596	178

UPPER WINDS ON 11th

Upper Winds are in the Code HHDDVV where HH is Height 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 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	P.SUDAN 7 h.
02 34 30	02 30 30	02 34 25	05 03 25	02 33 10	02 35 40	02 34 10	03 01 20	06 35 35	06 18 40	06 22 25	07 23 10	06 09 10		02 36 25
05 35 15	05 33 25	05 01 15	10 03 35	05 03 15	05 36 35	05 35 35	06 36 40	10 35 45	10 23 45	10 23 35	10 26 25	10 26 05		05 02 25
10 36 20	10 29 05	10 02 10	15 03 30	08 03 35	10 36 40	10 36 30	10 35 35	15 33 35	15 32 20	15 26 40	15 29 20	15 17 15		10 01 10
15 36 20	15 34 15	15 01 15	TAIL	10 03 40	15 36 55	15 32 15	15 33 25	20 28 15	20 25 40	20 30 25	20 32 15	20 13 10		15 02 15
20 33 10		20 01 15		15 03 35		20 27 15	20 29 20	25 31 25	30 33 35	30 35 25	30 01 15	30 06 35		20 36 15
22 31 10		25 36 15		20 03 20			25 29 15		33 34 30	40 05 25	33 01 10	40 04 50		25 01 10
		30 35 25		23 02 25			30 25 15			50 12 35				27 01 10
		35 33 20					40 23 35							
		39 31 25					48 24 35							

Forecast for 24 hours from noon on

تعيين تقلبات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

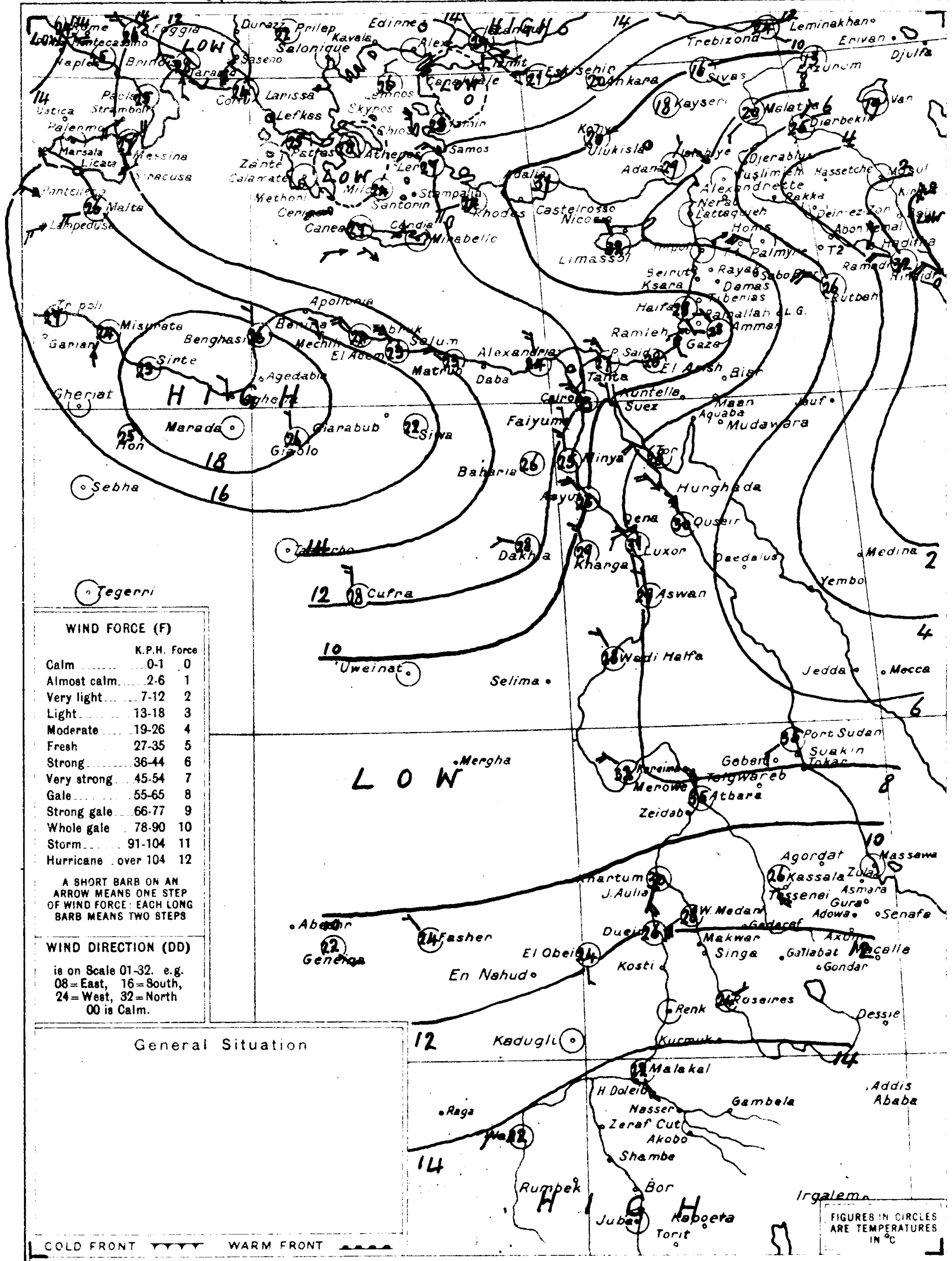
STATION	Mean of day: Humidity % 10th	Diff. from normal	Wet bulb temp °C 10th	Diff. from normal
Alexandria	79	+6	22.5	+0.5
Ezbekiya	59	+1	22.1	-0.2
Giza	59	0	22.0	+0.4
Helwan	49	+4	19.5	+0.3
Giza Grass minimum	11th		17.3 °C	

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
11-7	1794	1562
10-7	1794	1562

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Juba	10-7	13.55	0.00	13.39	-0.15
Nasser	10-7	9.15	+0.23	9.12	+0.23
Malakal	11-7	11.58	+0.28	11.54	+0.26
Roseires	11-7	15.35	-0.01	15.30	+0.15
Sennar Res	10-7	12.81	—	11.65	—
J. Aulia U.S	10-7	373.80	—	373.72	—
J. Aulia D.S	10-7	371.82	-0.41	371.30	-0.67
Khartum	10-7	12.27	+0.17	12.07	+0.05
Kh. el Girba	10-7	12.00	-0.37	11.80	-0.54
Atbara	10-7	11.06	-0.20	11.10	-0.09
Kajnarti	10-7	133.61	+0.04	133.50	0.00
Aswan Res	11-7	107.20	—	107.48	—
Aswan D.S	11-7	87.17	+0.27	87.17	+0.33
Roda (Cairo)	10-7	15.93	+0.29	15.93	+0.30

Isobars, Wind and Temperature at 8 h. 11-7-39. ١١-٧-٢٩



STATION	At 8 h. on 11th ww	V	DD	F	W	N	C	M.S.L. PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limasol	00	7	30	2	0	0	—	8.6	+1.2	32						0	610	464
Haifa	01	—	14	2	—	3	—	10.6	+4.4	28.4	32	+1	23	+2	63	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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

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

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h. on 11-7 ١١/٧ الساعة ١٤ يوم — At 8 h. on WEDNESDAY 12th الأربعاء ١٢ الساعة ٨ يوم

Station	14h Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. press M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h 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	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean																													
SALUM	01	8	02	6	0	2	Cu	13.3	25.5	72	01	7	30	4	4	2	Cu	13.0	+2.5	23.1	27	—	19	—	80	0	182	—	130
MATRUH	00	7	30	4	0	0	—	12.7	25.6	77	02	7	26	3	1	4	Cu	12.6	+2.3	24.3	26	-2	19	-1	80	0	122	160	131
DIKHEILA	00	9	30	4	0	0	—	13.0	25.3	84	00	8	28	3	0	0	—	12.4	—	24.3	25	—	23	—	80	0	94	—	150
ALEXANDRIA	00	9	30	4	0	0	—	12.2	26.5	69	00	9	28	2	0	0	—	11.8	+2.0	24.4	28	-2	22	0	69	0	166	185	132
DAMIETTA											00	8	30	2	0	0	—	10.4	—	25.6	30	—	22	—	81	0	70	107	159
PORT SAID	00	7	28	4	1	0	—	10.4	30.3	79	00	7	28	3	0	0	—	10.7	+2.4	26.3	31	0	23	0	71	0	64	81	134
EL 'ARISH	00	7	30	4	0	0	—	10.6	28.8	76	00	7	00	0	0	0	—	10.4	—	28.4	30	—	20	—	75	0	130	93	135
Lower Egypt																													
DAMANHUR											00	8	32	2	0	0	—	13.1	+3.8	26.8	32	-1	18	-1	64	0	29	103	136
MANSURA											00	8	20	1	0	0	—	11.2	—	25.0	35	0	20	0	75	0	46	55	137
TANTA	00	7	28	2	0	0	—	10.3	33.0	44	00	7	00	0	0	0	—	11.4	+1.6	25.5	33	-3	17	-3	72	0	41	43	138
ZAGAZIG	00	9	30	3	0	0	—	10.3	33.6	32	01	8	28	1	0	3	—	11.8	—	26.8	34	-1	16	-3	74	0	31	29	139
CAIRO ALMAZA	00	8	06	4	0	0	—	10.4	33.2	21	02	7	06	2	2	5	Sc	12.3	—	22.7	34	—	20	—	74	0	18	—	141
CAIRO EZBEKIYA	00	7	02	2	0	0	—	9.8	34.2	26	01	6	28	2	1	3	Cu	11.6	+2.5	24.4	35	0	20	-1	73	0	23	28	—
CAIRO GIZA	00	7	02	2	0	0	—	9.8	33.7	26	02	7	30	2	2	4	Cu	11.5	+1.5	23.2	34	-1	18	-1	81	0	23	28	—
HELWAN	00	8	32	4	0	0	—	9.3	33.2	16	05	6	30	1	0	0	—	11.6	+1.9	22.9	34	-1	19	-2	71	0	26	29	143
SUEZ	00	9	32	3	0	0	—	9.3	32.6	30	01	7	30	2	1	3	Cu	10.8	+2.3	24.6	34	-2	21	-2	80	0	27	18	144
Upper Egypt																													
FAIYUM	00	7	32	2	0	0	—	9.6	33.3	23	00	7	32	2	0	0	—	11.4	+1.6	24.7	35	-2	19	-2	68	0	7	8	153
MINYA	00	7	32	4	0	0	—	9.6	32.7	30	00	9	30	2	0	0	—	11.0	+2.2	24.8	34	-3	19	-2	62	0	4	—	154
ASYUT	00	8	30	4	0	0	—	7.8	34.0	18	00	6	22	3	0	0	—	10.6	+2.0	25.0	35	-2	20	-3	54	0	2	4	155
QENA	00	8	22	4	0	0	—	6.3	36.2	27	01	8	22	3	1	4	—	8.6	+1.9	27.5	39	-2	22	-2	44	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	6.4	36.3	22	02	8	10	1	1	4	Ci	8.4	—	31.2	38	—	19	—	33	0	dr	—	157
ASWAN	00	7	22	1	0	0	—	5.5	37.4	21	00	7	32	2	0	0	—	8.0	+0.7	28.2	39	-3	25	-1	30	0	1	—	158
Western Desert																													
SIWA	00	8	00	0	0	0	—	13.6	32.8	57	00	8	00	0	0	0	—	14.2	+3.2	25.4	34	-4	16	-4	89	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	10.0	34.0	18	00	9	00	0	0	0	—	12.8	—	24.0	35	—	18	—	60	0	1	—	149
KHARGA	00	8	32	3	0	0	—	6.8	35.4	35	00	8	04	2	0	0	—	8.8	+0.8	29.7	36	-4	22	-1	37	0	dr	Tr	151
DAKHLA	05	7	30	5	0	0	—	10.3	34.0	27	00	7	28	3	0	0	—	12.4	+3.5	28.0	35	-5	22	-1	27	0	dr	—	152
Red Sea																													
TOR	00	6	28	4	0	0	—	5.1	30.5	65	00	6	28	5	0	0	—	6.7	+0.5	27.0	32	-2	25	+1	77	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	6.2	31.5	52	01	9	30	3	0	3	Ci	7.6	+0.9	29.4	33	-2	24	0	45	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	6.3	31.3	48	01	7	32	3	0	1	Ci	7.0	+0.7	30.5	32	-2	25	-1	42	0	tr	6	147
PORT SUDAN	03	—	08	3	0	8	—	—	—	45	00	—	20	2	0	0	—	5.9	+0.9	34.2	37	-4	28	0	51	0	81	112	169
North Sudan																													
WADI HALFA	01	8	26	6	0	1	Ac	5.4	37	15	01	8	28	2	0	2	Ac	9.1	+1.3	27.7	38	-3	22	-2	22	—	—	—	165
KAREIMA	01	8	26	4	1	4	—	7.1	40	06	05	7	00	0	1	5	Cs	10.7	+2.7	29.4	41	-1	24	-2	24	0	3	7	166
ATBARA	01	—	16	2	0	3	—	6	41	15	00	—	14	2	0	0	—	9.9	+2.2	33.5	41	0	25	-1	18	0	6	19	167
KHARTUM	02	8	20	2	1	6	Cu	6.5	38	23	01	7	20	4	1	4	Ac,Cs	10.7	+1.9	31.3	39	0	27	+2	42	0	15	33	168
KASSALA	02	8	20	2	1	5	Cu	—	36	25	01	8	14	3	1	4	Ac,Ci	10.8	-0.2	26.3	37	+2	23	0	26	0	62	91	170
Central Sudan																													
WAD MEDANI	02	—	20	5	0	5	—	7	37	—	00	—	16	5	0	0	—	12.0	+1.9	29.3	38	+1	26	+4	53	0	94	108	171
DUEIM	02	—	—	3	0	5	—	8	36	35	00	—	—	3	0	0	—	12.2	+1.9	28.8	37	0	25	+2	69	0	78	82	173
RENK	02	8	18	2	1	5	Ns,Ac	10.8	30	53																		—	182
ROSEIRES	08	—	14	1	0	7	—	10	30	65	02	—	02	1	5	4	—	14.0	+2.1	24.4	32	-1	22	+1	88	dr	224	293	172
EL OBEID	02	8	16	3	1	5	Cu,Ac	9.2	30	53	03	8	18	3	1	6	As	12.0	+0.3	25.2	31	-4	24	+2	84	0	157	99	174
EL FASHER	02	—	10	3	1	5	—	—	34	35	03	8	00	0	1	7	Cu,Sc	—	—	24.8	35	-1	23	+2	68	0	24	71	175
GENEINA	02	8	28	2	8	5	Cu,Ac	—	31	37	02	8	00	0	1	5	Ac,As	—	—	21.8	34	—	19	—	82	16	113	—	179
KADUGLI	02	7	24	4	1	5	Cu	11.9	28	85																		—	187
South Sudan																													
MALAKAL	03	8	18	3	2	6	Cu,Ac	11.9	27	67	03	8	18	3	2	6	Ac,As	14.6	+1.9	23.7	28	-3	22	+1	62	9	388	425	176
WAU	03	—	24	2	1	8	—	9	27	65	03	—	20	2	1	7	—	13.5	+2.1	23.4	29	-3	21	+1	84	0	575	617	177
JUBA	03	8	02	1	1	6	Cu,Ac	12.0	26	69	03	8	00	0	0	6	St,Sc	15.4	+2.7	22.7	27	-4	21	+1	91	0	649	600	178

UPPER WINDS ON 12th الرياح العليا يوم ١٢

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

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 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA h. m.	P.Said A.P. 7 h.
02.34.30	02.31.15	02.32.15	02.01.15	02.34.15	02.31.30	05.35.25	03.35.25	06.35.20	06.18.75	06.20.20	07.21.35	06.20.25		02.36.10
05.01.20	05.34.10	05.32.20	05.02.25	05.36.15	05.01.30	10.30.15	06.35.40	10.36.15	10.21.85	10.24.25	10.24.35	10.17.15		05.35.25
10.34.25	10.01.20	10.35.05	10.02.20	08.03.30	10.33.55	15.31.15	10.35.40	15.34.10	15.22.85	15.26.35	15.21.20	15.16.15		10.04.05
15.34.35	15.35.30	15.33.05	15.01.25	10.03.30	15.32.70	20.25.10	15.35.25	20.33.15	20.23.70	20.30.35	20.09.10	20.15.30		15.01.05
20.34.25		20.31.15	20.01.20	15.36.35	20.34.45	25.25.10	20.36.25		25.23.20	30.01.20	30.04.20	30.08.40		20.03.10
		25.31.10	25.31.10	20.36.25			30.04.40		30.24.25	40.07.20	35.07.35	40.06.45		25.27.05
		30.30.10	30.20.10	23.36.20					40.04.35			43.06.45		27.27.05
		35.28.20		25.36.20					50.04.15					29.16.10
		40.26.20		30.19.10					60.07.35					
		45.27.25		32.19.10					70.10.40					

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. °C on 11th	Diff. from normal
Alexandria	78	+5	22.0	-0.1
Ezbekiya	52	-6	20.8	-1.5
Giza	56	-3	20.4	-1.2
Helwan	46	0	18.4	-0.8

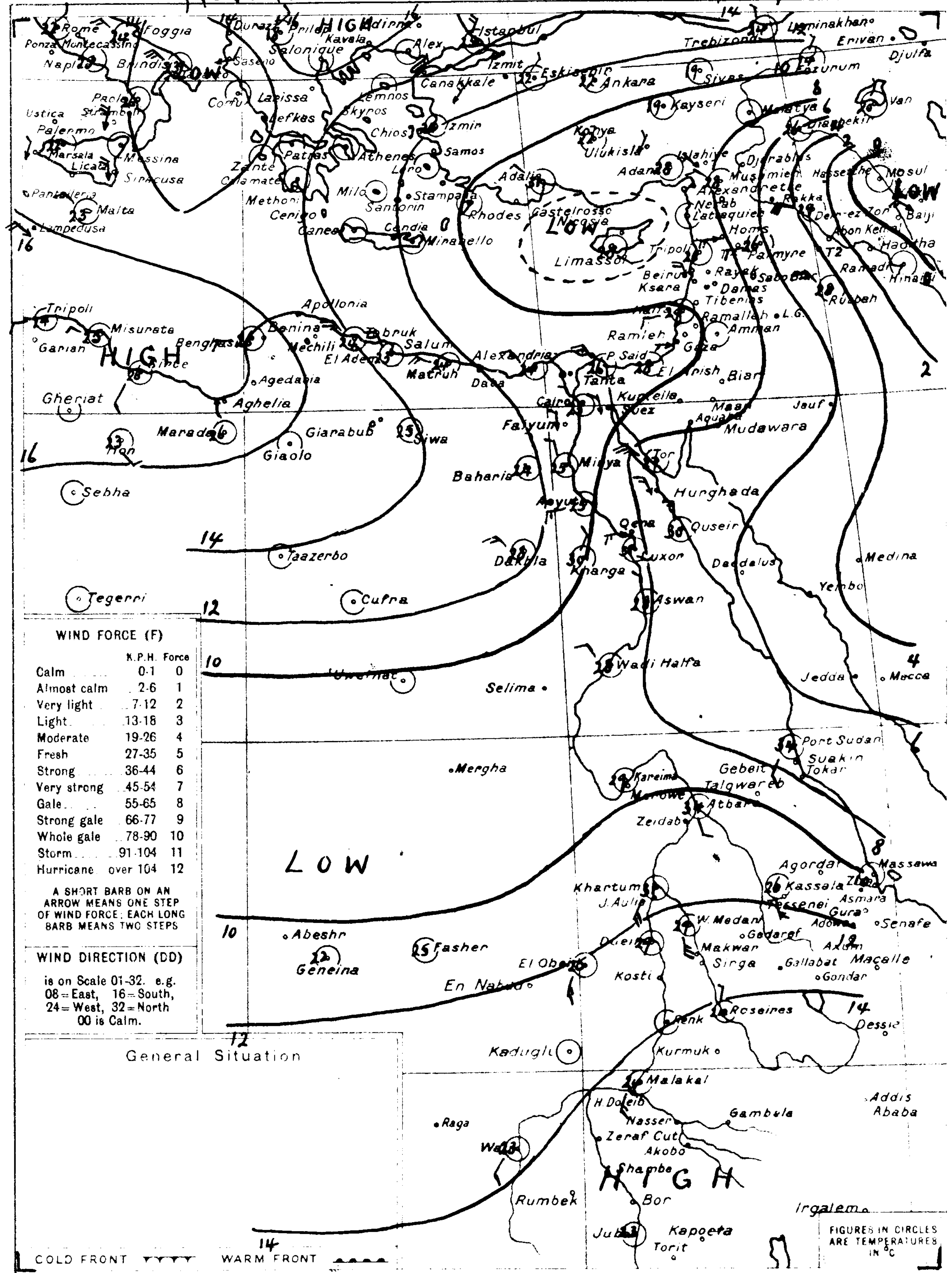
Giza Grass minimum 12th 14.8

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
12-7	1794	1562
11-7	1794	1562

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	12-7	13.40	-0.16	13.41	-0.14
Nasser	11-7	9.17	+0.21	9.15	+0.23
Malakal	12-7	11.58	+0.27	11.58	+0.28
Roseires	12-7	15.60	+0.24	15.25	-0.01
Sennar Res	11-7	13.84	—	12.81	—
J. Aulia U.S	11-7	374.03	—	373.80	—
J. Aulia D.S	11-7	371.67	-0.42	371.62	-0.41
Khartum	12-7	12.18	-0.08	12.30	+0.11
Kh. el Girba	11-7	12.10	-0.31	12.00	-0.37
Atbara	12-7	11.26	-0.14	11.10	-0.23
Kajnarti	11-7	133.80	+0.17	133.61	+0.04
Aswan Res.	12-7	106.92	—	107.20	—
Aswan D.S.	12-7	87.16	+0.21	87.17	+0.27
Roda (Cairo)	12-7	13.95	+0.30	13.95	[illegible]

Isobars, Wind and Temperature at 8 h. 12-7-39 ١٢-٧-٣٩



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

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 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	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	2	0	0	—	8.3	+0.9	28	—	—	—	—	—	0	610	464
Haifa	00	—	22	2	—	0	—	10.0	+3.9	28.9	32	+1	23	+2	57	0	559	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

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 02
" " Sunset h 18 m 58

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 12-7 (الساعة ١٤ يوم ١٢/٧) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. TTT	% Humidity UU	At 8 h. on THURSDAY 13th (الخميس ١٣ 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	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																													
SALUM	01	7	02	6	0	1	Cu	13.1	25.4	76	00	7	28	4	0	0	—	13.6	+3.1	22.1	27	—	19	—	84	0	182	—	130
MATRUH	00	7	28	4	0	0	—	123	25.7	77	03	7	26	3	2	6	Cu	12.6	+2.4	24.4	26	-2	19	-2	85	0	122	160	131
DIKHEILA	01	8	28	3	0	3	Cu	12.6	25.6	82	00	8	26	3	0	0	—	12.3	—	25.0	26	—	23	—	84	0	94	—	150
ALEXANDRIA	01	9	28	4	0	3	AC	11.6	27.3	64	00	9	28	3	0	0	—	11.9	+2.2	24.7	28	-2	22	0	78	0	166	185	132
DAMIETTA											00	8	28	2	0	0	—	10.3	—	26.2	30	—	20	—	73	0	70	107	159
PORT SAID	00	7	28	4	0	0	—	10.3	30.7	54	00	7	26	2	0	0	—	10.6	+2.4	25.0	32	+1	23	0	84	0	64	81	134
EL ARISH	00	7	28	3	0	0	—	10.3	28.8	74	00	7	00	0	0	0	—	9.4	—	28.0	29	—	17	—	69	0	130	93	135
LOWER EGYPT																													
DAMANHUR											00	8	28	2	0	0	—	13.6?	+4.4	26.8	32	-1	19	0	59	0	29	103	136
MANSURA											01	7	28	3	1	3	Sc	11.0	—	25.0	34	-1	18	-2	80	0	46	55	137
TANTA	00	7	28	2	0	0	—	10.6	32.0	38	00	7	28	2	0	0	—	11.2	+1.5	24.5	33	-3	17	-3	87	0	41	43	138
ZAGAZIG	00	8	30	1	1	0	—	10.4	32.8	37	02	6	22	1	4	5	Cu	12.2	—	24.4	33	-2	16	-3	83	0	31	29	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	8	04	3	0	0	—	10.7	32.2	27	05	6	32	1	2	5	Sc	12.4	—	23.0	34	—	20	—	74	0	18	—	141
EZBEKIYA	00	8	02	2	0	0	—	9.9	32.7	30	01	6	30	2	2	3	Cu	11.8	+2.7	24.2	35	0	20	-1	76	0	23	28	—
GIZA	00	8	02	3	0	0	—	10.0	33.3	33	01	6	28	1	2	3	Cu	11.8	+1.8	23.0	34	-1	19	0	80	0	23	28	—
HELWAN	00	8	30	4	0	0	—	9.9	32.0	23	05	6	28	2	0	1	Cu	11.8	+2.2	23.0	33	-2	20	-1	72	0	26	29	143
SUEZ	00	9	30	2	0	0	—	9.6	3[illegible].6	32	00	7	28	2	0	0	—	10.8	+2.3	25.2	35	-1	21	-2	75	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	7	30	2	0	0	—	10.0	32.0	25	00	7	32	1	0	0	—	11.8	+2.1	23.8	34	-3	20	-1	69	0	7	8	153
MINYA	00	7	30	4	0	0	—	10.2	32.9	31	00	8	30	2	0	0	—	11.1	+2.3	23.8	34	-3	19	-2	69	0	4	—	154
ASYUT	00	7	22	4	1	0	—	8.3	34.0	19	00	6	22	3	0	0	—	10.7	+2.1	26.0	35	-2	20	-3	55	0	2	4	155
QENA	00	8	24	4	1	0	—	6.6	37.2	22	00	8	22	4	0	0	—	9.3	+2.6	27.9	38	-3	24	0	42	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	7.5	36.7	35	00	8	10	2	0	0	—	9.6	—	32.5	37	—	23	—	32	0	dr	—	157
ASWAN	00	7	32	2	0	0	—	6.3	38.2	20	00	7	00	0	0	0	—	10.0	+2.8	28.6	40	-2	24	-2	30	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	13.5	35.1	38	00	8	00	0	0	0	—	14.2	+3.2	27.0	35	+3	16	-4	84	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	10.0	34.0	18	00	9	00	0	0	0	—	12.8	—	24.0	34	—	17	—	53	0	1	—	149
KHARGA	00	8	32	2	0	0	—	8.6	36.8	29	00	8	00	0	0	0	—	11.1	+3.2	29.5	37	-3	22	-1	37	0	dr	tr	151
DAKHLA	00	8	30	3	0	0	—	10.8	34.8	18	00	8	28	2	0	0	—	13.1	+4.2	27.6	36	-4	20	-3	32	0	dr	—	152
RED SEA																													
TOR	00	6	28	6	0	0	—	5.6	30.5	65	00	6	28	5	0	0	—	7.2	+1.0	27.5	32	-2	25	+1	72	0	20	13	145
HURGHADA	01	9	02	3	0	2	Ci	6.0	31.7	64	00	9	30	4	0	0	—	7.9	+1.3	29.6	32	-3	25	+1	43	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	6.4	30.1	58	00	7	32	2	0	0	—	7.8	+1.6	30.8	31	-3	24	-2	41	0	tr	6	147
PORT SUDAN	01	—	08	4	0	3	—	6	37	45	00	—	16	3	0	0	—	6.7	+1.7	36.5	37	-4	27	-1	21	0	81	112	169
NORTHERN SUDAN																													
WADI HALFA	90	—	—	—	—	—	cb	8.0	38	06	00	8	26	2	0	0	—	9.7	+1.9	29.0	39	-2	20	-4	19	—	—	—	165
KAREIMA	21	8	26	3	1	4	—	7.9	40	06	01	8	30	2	0	3	Ci	10.9	+2.9	31.6	41	-1	23	-3	11	0	3	7	166
ATBARA	01	—	22	2	0	3	—	6	41	15	00	—	20	4	0	0	—	11.0	+3.3	32.0	41	0	27	+1	23	0	6	20	167
KHARTUM	01	8	26	2	1	4	Cu	6.6	40	20	01	8	20	3	1	4	Ac	12.1	+3.3	29.5	40	+1	26	+1	52	0	15	35	168
KASSALA	01	8	30	2	1	4	Cu, Ac	6.6	37	22	01	8	18	4	1	3	Ac	13.0	+2.0	27.2	38	+3	25	+2	63	0	62	95	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	28	5	1	5	—	8	37	25	02	—	18	5	5	5	—	13.0	+2.8	24.0	38	+1	21	—	81	12	106	111	171
DUEIM	01	—	—	3	0	3	—	9	36	35	01	—	—	3	1	4	—	12.8	+2.4	27.4	37	+1	24	+1	71	0	78	85	173
RENK	12	7	—	3	2	5	Cu, Ac	10.8	32	38																			182
ROSEIRES	01	—	10	2	1	3	—	11	31	55	00	—	14	1	0	0	—	14.6	+2.6	24.3	32	-1	22	+1	84	1	225?	299	172
EL OBEID	03	8	18	3	1	7	Cu	8.7	32	54	02	8	16	1	8	5	Cu, Ci	12.5	+0.8	26.5	32	-3	25	+3	69	dr	157	101	174
EL FASHER	02	—	02	1	2	5	—	—	34	35	03	9	32	2	1	7	Cu, Cs	—	—	22.0	37	+1	20	-1	81	4	28	75	175
GENEINA	12	8	32	3	8	6	Cu, Ac	—	28	51	03	8	24	1	1	6	Sc, As	—	—	22.3	32	—	21	—	82	dr	113	—	179
KADUGLI	02	7	16	5	1	4	—	12.8	27	84																		—	187
SOUTHERN SUDAN																													
MALAKAL	10	8	16	3	5	5	Cu, Ac	12.0	30	56	03	8	14	3	2	6	Ac, As	15.0	+2.3	23.3	30	-1	21	0	90	14	402	431	176
WAU	03	—	16	2	1	7	—	12	25	85	03	—	20	2	6	7	—	13.6	+2.2	23.6	28	-4	21	+1	86	1	576	623	177
JUBA	10	8	20	1	8	6	Cb	13.3	24	83	01	8	32	2	0	4	Ac	15.5	+2.7	23.3	28	-3	21	+1	91	10	659	605	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.

13th

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 7 h. m.	CAIRO h. m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 3 h. m.	KAREIMA 4 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA h. m.	P.SAID A.P. 7 h. m.
02.36.15	02.30.20	02.30.25		02.35.10	02.30.20	02.35.15	03.—.—	06.35.25	06.21.35	06.19.30	07.17.10	06.13.25		02.27.15
05.35.20	ent. Cu.	05.34.25		05.03.15	05.01.25	05.35.35	06.03.15	10.35.30	10.22.45	10.22.25	10.23.15	10.17.20		04.31.10
10.34.25		10.36.25		08.02.25	10.33.60	10.33.50	10.01.25	16.33.20	16.24.35	15.25.20	15.17.10	15.18.25		05.31.05
15.34.25		15.36.30		10.02.30	15.32.50	15.31.35	15.35.25	20.29.25	20.31.15	20.29.35	20.06.15	20.16.30		10.33.15
20.32.25		20.36.30		15.36.25	20.32.80	20.27.30	20.35.15	29.29.30	30.02.20	30.05.30	30.11.30	30.14.30		14.34.25
25.33.30		25.34.20		20.01.20		25.26.40	25.35.25		40.28.10	40.09.15	40.11.40	40.11.20		
28.35.35		29.33.20		23.33.20					50.30.15		41.13.50	50.09.10		
				25.32.20					60.28.20					
				28.30.20					63.28.20					

Forecast for 24 hours from noon on

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet Bulb Temp °C on 12th	Diff. from normal
Alexandria	73	0	21.6	-0.5
Ezbekiya	53	-5	20.7	-1.6
Giza	59	-1	21.0	-0.6
Helwan	45	-1	18.7	-0.6

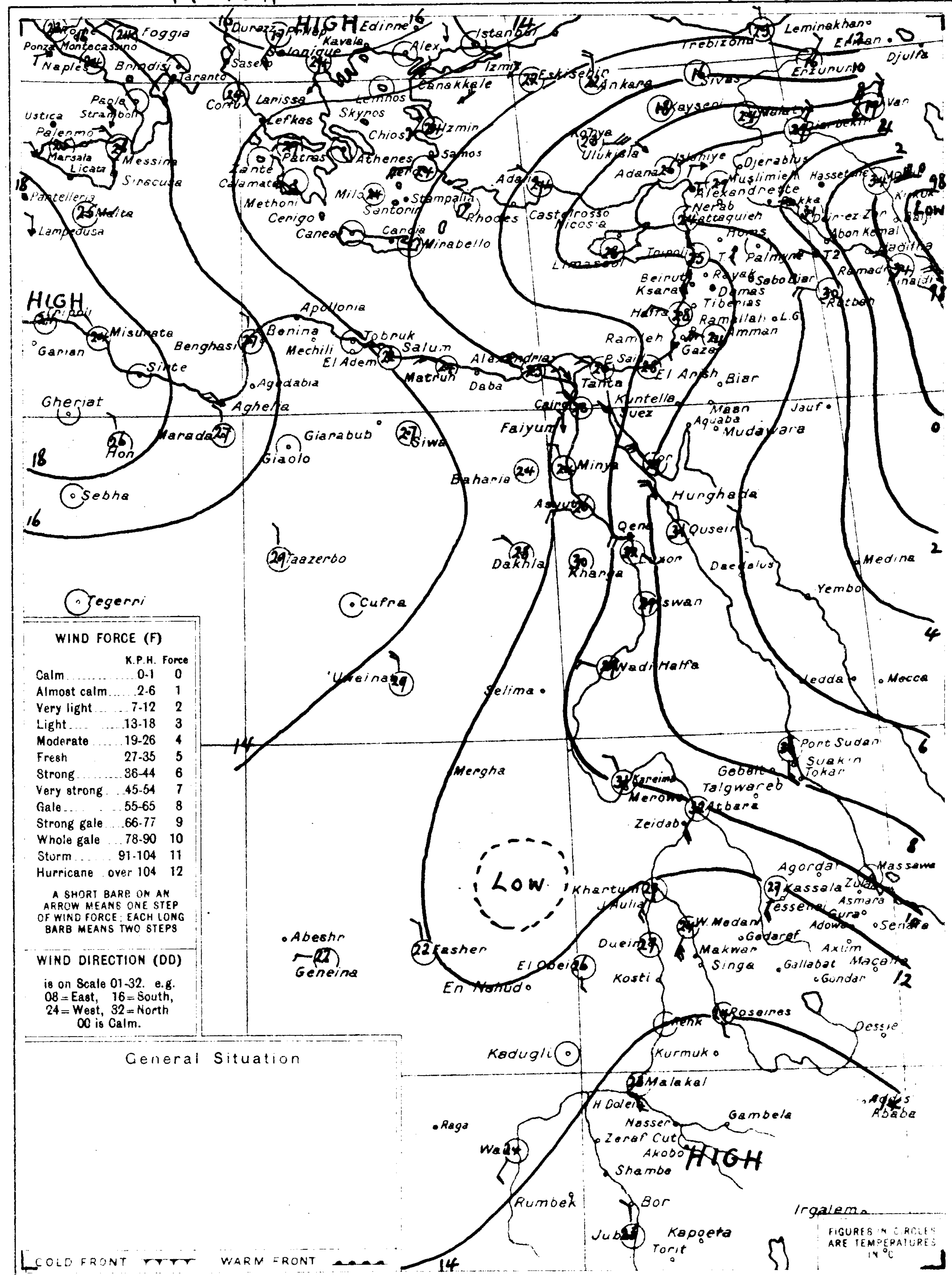
Giza Grass minimum on 13th 16.8 °c

Discharges of Aswan measured by sluices m³ per sec.

DATE	1939	1938
13-7	1794	1562
12-7	1794	1562

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	12-7	13.40	-0.16	13.41	-0.14
Nasser	12-7	9.20	+0.21	9.17	+0.21
Malakal	13-7	11.59	+0.27	11.58	+0.27
Roseires	13-7	16.00	+0.55	15.60	+0.24
Sennar Res	12-7	14.72	—	13.84	—
J Aulia U.S.	12-7	374.18	—	374.03	—
J Aulia D.S.	12-7	371.62	-0.53	371.67	-0.242
Khartum	13-7	11.97	-0.41	12.18	-0.08
Khashm el Girba	12-7	11.90	-0.53	12.10	-0.31
Atbara	12-7	11.26	-0.14	11.10	-0.23
Kajnarti	13-7	134.05	+0.24	133.80	+0.17
Aswan Res	13-7	106.67	—	106.92	—
Aswan D.S.	13-7	87.16	+0.14	87.16	+0.21
Roda (Cairo)	13-7	15.95	+0.29	15.95	+0.30

Isobars, Wind and Temperature at 8 h. 13-7-39. ١٣-٧-٣٩



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

STATION	At 8 h. on 13th Present Weather ww	Visibility V	Wind Dir. DD	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 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	00	7	10	1	0	0	—	8.0	+0.8	28	—	—	—	—	—	0	610	464
Haifa	00	—	26	3	—	0	—	9.9	+3.8	27.7	31	0	24	+3	66	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	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	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 03 m

" " Sunset 18 h 58 m

Month JULY 1939 ١٩٣٩ شهر يوليو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h. on 13-7 (الساعة ١٤ يوم ١٣-٧) Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000+ m.b.s. PPP	Temp. TTT	% Humidity UU	At 8 h. on FRIDAY 14th (الساعة ٨ يوم الجمعة ١٤) Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Pressure M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	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	7	0	0	—	13.4	26.6	66	00	7	28	5	0	0	—	14.2	+3.7	23.6	27	—	20	—	76	0	182	—	130
MATRUH	00	7	28	5	0	0	—	12.7	25.9	85	03	7	26	4	2	6	Cu	13.3	+3.2	24.4	26	-2	20	-1	81	0	122	160	131
DIKHEILA											00	8	26	4	0	0	—	12.3	—	25.3	26	—	24	—	90	0	94	—	150
ALEXANDRIA	00	9	30	4	0	0	—	11.6	28.8	68	00	9	28	4	0	0	—	11.8	+2.2	25.2	29	-1	23	+1	84	0	166	185	132
DAMIETTA											00	8	26	2	0	0	—	9.6	—	27.3	30	—	24	—	64	0	70	107	159
PORT SAID	00	8	28	4	0	0	—	10.3	31.2	55	00	7	26	2	0	0	—	9.9	+1.8	26.2	32	+1	24	+1	78	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	10.2	29.9	66	00	7	00	0	0	0	—	9.9	—	26.8	30	—	20	—	85	0	130	93	135
DAMANHUR											00	8	28	2	0	0	—	10.4	+1.2	27.8	32	-1	20	+1	67	0	29	103	136
MANSURA											00	8	28	3	0	0	—	10.7	—	26.8	34	-1	20	0	68	0	46	55	137
TANTA	00	7	28	3	0	0	—	10.3	32.5	41	00	7	28	2	0	0	—	11.2	+1.6	26.0	33	-3	18	-2	69	0	41	43	138
ZAGAZIG	00	9	26	3	0	0	—	9.9	33.9	32	00	8	26	1	0	0	—	11.1	—	27.6	34	-1	19	0	68	0	31	29	139
ALMAZA	00	8	04	3	0	0	—	10.6	33.2	30	05	7	32	1	0	1	Sc	12.0	—	24.8	35	—	21	—	76	0	18	—	141
EZBEKIYA	00	8	32	3	0	0	—	9.8	34.8	28	00	7	30	3	0	0	—	11.6	+2.6	25.8	36	+1	21	0	74	0	23	28	
GIZA	00	8	32	3	0	0	—	9.5	33.7	23	00	7	30	3	0	0	—	11.8	+1.9	25.0	34	-1	19	0	79	0	23	28	
HELWAN	00	6	30	4	0	0	—	9.5	33.1	20	05	5	28	4	0	0	—	11.6	+2.1	24.0	35	0	21	0	75	0	26	29	143
SUEZ	00	9	30	2	0	0	—	9.5	33.2	27	00	7	30	2	0	0	—	10.7	+2.2	26.3	35	-1	23	0	72	0	27	18	144
FAIYUM	00	7	02	1	0	0	—	10.4	33.5	20	00	7	32	1	0	0	—	11.5	+1.8	25.3	35	-2	20	-1	66	0	7	8	153
MINYA	00	8	02	3	0	0	—	9.9	32.0	33	00	7	30	3	0	0	—	11.0	+2.3	25.5	34	-3	20	-1	65	0	4	—	154
ASYUT	00	7	22	3	0	0	—	9.6	33.0	22	00	7	26	3	0	0	—	11.1	+2.6	26.0	35	-2	20	-3	55	0	2	4	155
QENA	00	8	22	3	0	0	—	7.2	37.4	26	00	8	22	2	0	0	—	8.8	+2.1	27.8	39	-2	24	0	45	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	8.2	36.1	25	00	8	22	2	0	0	—	9.6	—	32.0	38	—	19	—	38	0	dr	—	157
ASWAN	00	7	26	2	0	0	—	8.0	37.2	30	00	7	30	1	0	0	—	9.5	+2.3	30.1	39	-3	24	-2	37	0	1		158
SIWA	00	8	00	0	0	0	—	13.0	38.2	54	00	8	00	0	0	0	—	15.8	+4.8	27.0	38	0	16	-4	80	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.5	33.0	—	00	9	00	0	0	0	—	12.4	—	27.0	35	—	18	—	84	0	1	—	149
KHARGA	00	8	04	2	0	0	—	—	—	28	00	8	32	2	0	0	—	11.5	+3.6	28.7	37	-3	21	-2	38	0	dr	tr	151
DAKHLA	00	7	28	2	0	0	—	10.4	36.2	20	00	7	26	2	0	0	—	12.8	+4.0	28.0	38	-2	21	-2	36	0	dr	—	152
TOR	00	6	28	6	0	0	—	6.2	30.5	66	00	6	28	6	0	0	—	7.0	+0.9	27.0	32	-2	25	+1	80	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	6.7	31.5	50	00	9	30	3	0	0	—	8.3	+1.7	29.8	33	-2	23	-1	57	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	7.2	30.0	59	00	7	32	2	0	0	—	7.8	+1.6	30.5	32	-2	24	-2	43	0	tr	6	147
PORT SUDAN	01	—	08	4	0	3	—	6	37	45	00	—	32	2	0	0	—	8.3	+3.3	36.6	40	-1	26	-2	28	0	81	113	169
WADI HALFA	00	9	32	5	0	0	—	9.5	39	10	00	9	30	2	0	0	—	10.9	+3.1	27.8	39	-2	21	-3	17	—	—	—	165
KAREIMA	01	9	24	4	0	3	—	8.1	41	05	01	8	28	3	1	4	Ac,Cu	11.1	+3.1	30.8	42	0	29	+3	13	0	3	8	166
ATBARA	01	—	28	2	0	3	—	6	41	15	00	—	16	2	0	0	—	10.8	+3.0	32.5	41	0	24	-2	19	0	6	21	167
KHARTUM	02	8	22	2	1	4	Ac	8.0	38	37	01	7	22	3	0	3	Ac,Cu	9.7	+0.9	32.6	40	+1	28	+3	39	0	15	37	168
KASSALA	02	8	16	1	1	5	Cu	8.8	36	34	00	8	16	3	0	0	—	10.6	-0.5	28.4	37	+2	25	+2	51	0	62	98	170
WAD MEDANI	03	—	18	3	0	7	—	10	34	35	00	—	20	4	0	0	—	11.9	+1.7	28.6	35	-1	22	0	58	0	106	115	171
DUEIM	02	—	—	3	0	4	—	10	35	45	00	—	—	3	0	0	—	10.8	+0.4	30.4	37	+1	26	+3	54	0	78	88	173
RENK	02	7	18	2	2	5	Cu	12.0	34	40																			182
ROSEIRES	02	—	14	1	0	4	—	10	31	45	02	—	14	1	5	4	—	13.6	+1.6	24.2	33	0	23	+2	88	dr	235?	305	172
EL OBEID	01	8	16	2	1	4	Cu	8.7	33	39	01	8	16	3	0	4	Ac	11.7	-0.1	26.0	33	-2	23	+1	62	dr	157	104	174
EL FASHER	02	—	12	1	1	4	—	—	30	55	02	8	14	1	1	5	Cu,Sc	—	—	25.0	33	-3	23	+2	76	dr	28	78	175
GENEINA	03	8	32	2	1	6	As	—	30	47	01	8	24	2	1	4	Ac,As	—	—	23.7	34	—	21	—	67	0	113	—	179
KADUGLI	01	8	08	4	2	4	Ac	11.2	38	59																		—	187
MALAKAL	02	8	18	3	2	5	Cu	10.7	30	—	02	8	20	3	1	5	Ac,Cu	13.9	+1.2	25.4	31	0	23	+2	82	0	402	437	176
WAU											50	—	20	1	6	8	—	13.6	+2.2	22.6	31	-1	22	+2	95	2	578	630	177
JUBA	97	4	02	6	1	8	Cu,Sc	12.8	22	100	02	8	00	0	1	5	Ac	15.1	+2.3	24.0	30	-1	20	0	91	12	671	609	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.

SALUM h. m.	MATRUH h. m.	DIKHEILA 7 h.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 3 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA h. m.	GENEINA 6 h.
		02 32 35					03 18 05	06 35 25	06 22 45	06 18 25	07 22 30	06 25 25		10 22 20
		05 33 45					06 34 20	10 35 25	10 25 55	10 17 30	10 20 35	10 24 20		15 27 20
		10 34 40					10 34 20	15 35 20	15 24 60	15 16 20	15 17 15	15 22 25		20 15 15
		15 34 40					15 33 25		20 25 55	20 21 05	20 16 20	20 18 20		30 05 20
		20 31 25					20 33 35		25 27 30	30 24 10	30 14 10	30 15 15		35 07 15
		22 32 30					30 25 35		30 28 25	31 27 15	34 15 10	40 12 10		
							35 25 40		40 36 20			50 11 10		
									50 06 10			60 09 25		
									60 33 20			63 08 15		
									70 17 10					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % 13th	Diff. from normal	Wet bulb temp. °C 13th	Diff. from normal
Alexandria	74	+1	22.7	+0.5
Ezbekiya	58	0	21.3	-1.1
Giza	59	-1	20.2	-1.4
Helwan	52	+6	19.5	+0.1

Giza Grass minimum on 14th — °C

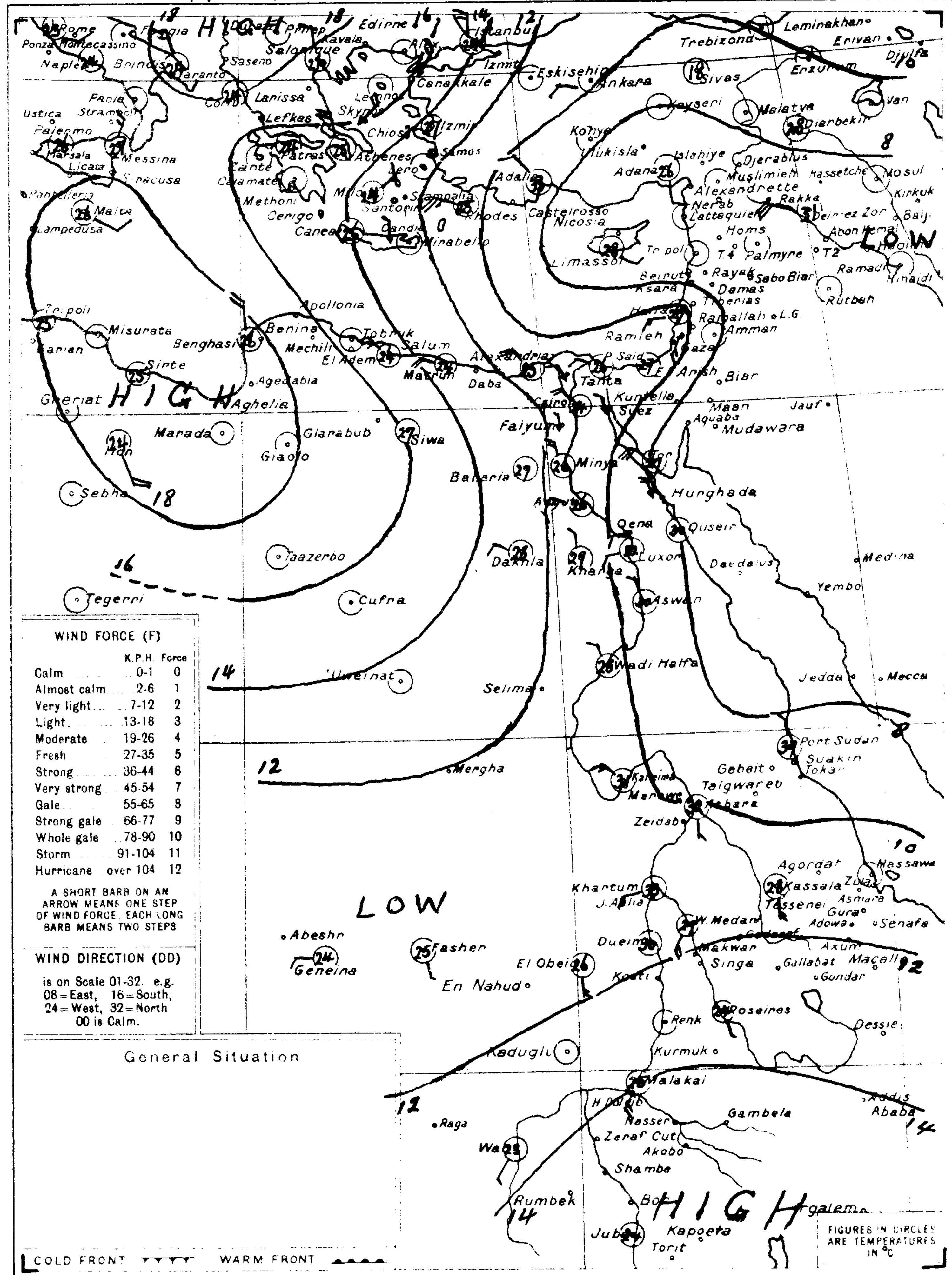
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
14-7	1852	1505
13-7	1794	1562

GAUGE	Date 1939	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Juba	12-7	13.40	-0.16	13.41	-0.14
Nasser	12-7	9.20	+0.21	9.17	+0.21
Malakal	13-7	11.59	+0.27	11.58	+0.27
Roseires	13-7	16.00	+0.55	15.60	+0.24
Sennar Res	14-7	16.00	—	15.40	—
J. Aulia U.S	12-7	374.18	—	374.03	—
J. Aulia D.S	12-7	371.62	-0.53	371.67	-0.42
Khartum	13-7	11.97	-0.41	12.18	-0.08
Kh. el Girba	12-7	11.90	-0.53	12.10	-0.31
Atbara	12-7	11.26	-0.14	11.10	-0.23
Kajnarti	14-7	134.33	+0.25	134.24	+0.32
Aswan Res	14-7	106.45	—	106.67	—
Aswan D.S	14-7	87.21	+0.16	87.16	+0.14
Roda (Cairo)	13-7	15.95	+0.29	15.95	+0.30

Printed by the Survey & Mines Dept. 1938 - 38 - 5541

٣٩ - ٧ - ١٤ Isobars, Wind and Temperature at 8 h. 14-7-39



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	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Pressure M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	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	1	0	0	—	7.0	-0.1	28	—	—	—	—	—	0	610	464
Haifa	01	7	22	3	1	2	—	9.1	+3.0	27.4	31	0	24	+2	63	0	559	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	32
Heavy Thunderstorm	39
Duststorm	[illegible]
Fog or Thick Haze	40-49
Mod. Fog in last hour	[illegible]
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
" of Snow	83-84
" of Sleet	85-86
" of Hail	88-89
Thunderstorm	90-99
" Under Snow Rain	[illegible]
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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 05 03
Sunset 18 57

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

٣٩-٧-١٥

1417 E.G.

14-7 ٧/١٤ — At 8 h. on SATURDAY 15th السبت ١٥

Station	14-7 ww	V	DD	F	W	N	C	PPP	TTT	UU	15th ww	V	DD	F	W	N	C	PPP	Diff. from normal	TTT Dry bulb	Max. yesterday	Diff.	Min. today	Diff.	Humidity	Rain past 24 h	Since 1st Sept.	Normal	No.
SALLUM	00	8	02	7	0	0	—	14.0	25.3	79	00	7	30	5	0	0	—	13.0	+2.6	24.6	28		20		70	0	182	—	130
[illegible]	00	7	26	5	0	0	—	13.0	25.3	84	00	7	26	5	0	0	—	11.4	+1.4	25.2	26	-2	21	0	83	0	122	160	131
[illegible]	00	8	26	5	0	0	—	12.3	26.0	87	01	8	28	5	0	2	Cu	9.9	—	25.2	26		24		85	0	94	—	180
ALEXANDRIA	00	9	28	5	0	0	—	11.8	27.0	76	00	9	28	5	0	0	—	9.3	-0.3	25.3	29	-1	24	+2	76	0	166	185	132
[illegible]											01	8	26	2	1	4	Ac	8.2	—	25.9	30		22		77	0	70	107	133
[illegible]	00	7	28	5	0	0	—	9.4	32.0	57	01	7	26	3	1	3	Ac	8.3	+0.2	25.9	33	+2	23	0	73	0	64	81	134
[illegible]	00	7	28	3	0	0	—	9.5	27.8	87	00	7	20	1	0	0	—	8.4	—	26.9	30		22		76	0	130	93	135
[illegible]											01	8	28	4	1	2	Cu	9.1	0.0	26.6	32	-1	20	+1	68	0	29	103	136
[illegible]											02	6	28	3	1	4	Cu	8.7	—	25.3	34	-1	22	+2	75	0	46	55	137
[illegible]	00	7	28	5	0	0	—	10.3	33.0	44	02	6	00	0	1	5	Cu	9.0	-0.5	26.0	33	-3	20	0	76	0	41	43	[illegible]
[illegible]	00	8	28	3	0	0	—	10.0	34.8	35	02	8	26	1	1	4	—	9.5	—	26.4	35	-0	22	+3	72	0	31	29	139
[illegible]	00	8	04	3	0	0	—	11.1	33.4	50	05	7	26	3	2	7	Cc	10.3	—	25.0	35		22		73	0	18	—	141
[illegible]	00	8	30	5	0	0	—	9.8	35.2	27	03	7	32	2	2	6	Cu	9.6	+0.6	24.7	36	+1	22	+7	72	0	23	28	—
[illegible]	00	8	30	5	0	0	—	9.5	34.8	20	03	7	30	3	2	8	Sc	9.5	-0.4	24.3	35	0	19	0	80	0	23	28	
EL WAH[illegible]	00	7	28	6	0	0	—	9.3	34.0	22	05	6	30	2	2	5	Cu	9.5	+0.1	24.4	35	0	21	0	69	0	26	29	143
[illegible]	00	9	32	4	0	0	—	8.6	35.2	34	01	7	28	1	1	2	Cu	9.4	+1.0	26.2	37	+1	22	-1	67	0	27	18	144
[illegible]	00	7	28	4	0	0	—	9.9	34.5	21	02	7	32	3	1	4	Cu	10.0	+0.4	25.0	36	-1	20	-1	73	0	7	8	153
[illegible]	00	8	32	3	0	0	—	9.8	35.3	30	00	6	32	2	1	0	—	10.0	+1.4	25.0	36	-1	21	0	68	0	4	—	154
[illegible]	00	7	28	4	0	0	—	9.1	34.8	24	00	7	30	3	0	0	—	9.6	+1.2	25.5	36	-1	20	-3	65	0	2	4	155
[illegible]	00	8	24	2	0	0	—	6.8	39.0	24	02	8	20	4	1	4	Cs	7.0	+0.4	28.9	40	-1	25	+1	47	0	dr	—	[illegible]
[illegible]	00	8	22	3	0	0	—	7.6	37.5	26	02	8	30	1	1	4	Cs	7.5	—	32.1	38		25		39	0	dr		[illegible]
[illegible]	00	7	24	2	0	0	—	7.6	37.1	32	00	7	30	2	0	0	—	7.4	+0.2	28.9	37	-5	26	0	43	0	1	—	[illegible]
[illegible]											00	8	00	0	0	0	—	13.5	+2.6	25.0	39	+1	21	+1	61	0	7	8	[illegible]
[illegible]	00	9	00	0	0	0	—	11.5	35.0	19	00	9	32	1	0	0	—	11.0		25.0	36		21		54	0	1		[illegible]
[illegible]	00	8	04	3	0	0	—	10.0	35.8	29	00	8	30	3	0	0	—	9.1	+1.2	27.2	36	-4	25	+2	42	0	dr	Tr	[illegible]
[illegible]	06	7	32	4	0	0	—	11.9	35.6	22	00	6	00	0	0	0	—	11.4	+2.6	29.3	36	-4	23	0	35	0	dr		152
[illegible]	00	6	28	5	0	0	—	5.9	31.1	71	00	6	28	5	0	0	—	5.9	-0.2	26.8	35	+1	26	+2	86	0	20	13	[illegible]
[illegible]	00	9	02	4	0	0	—	7.0	31.5	52	00	9	30	3	0	0	—	7.0	+0.4	28.9	33	-2	26	+2	56	0	1	—	146
[illegible]	00	7	32	2	0	0	—	7.0	30.4	53	00	7	32	3	0	0	—	6.4	+0.2	30.0	33	-1	25	[illegible]	50	0	tr	6	[illegible]
[illegible]	—	—	—	—	—	—	—	5	37	—	00	—	30	3	0	0	—	5.5	+1.5	36.2	39	-2	26	-2	20	0	81	113	169
[illegible]	00	9	28	4	0	0	—	8.4	39	08	01	9	02	2	0	4	Cs	9.1	+1.3	27.8	39	-2	21	-3	17	—	—		[illegible]
[illegible]	00	8	24	4	0	0	—	—	—	—	01	8	04	2	1	4	Ac,Ci	10.9	+2.9	31.3	42	0	28	+2	13	0	3	8	[illegible]
[illegible]	01	—	12	4	4	3	—	6	42	05	00	—	20	2	0	0	—	9.4	+1.6	31.8	42	+1	26	0	23	0	6	21	167
[illegible]	01	8	24	2	1	4	Cu,Ac	5.3	40	11	03	8	20	3	1	6	Ac,Ci	10.5	+1.7	28.5	43	+4	25	0	52	0	15	38	168
[illegible]	02	8	20	2	1	5	Cu	5.2	38	26	03	8	18	4	1	6	Ci	10.7	-0.4	26.7	39	+4	24	+1	56	0	62	101	170
[illegible]	02	—	20	1	1	4	—	7	37	25	02	—	18	4	1	4	—	11.1	+0.8	27.0	39	+3	23	+1	63	0	106	119	[illegible]
[illegible]	02	—	—	3	0	4	—	8	38	35	00	—	—	3	0	0	—	11.2	+0.7	27.4	39	+3	23	0	64	3	81	91	178
[illegible]	02	7	20	2	1	5	Cu	—	34	55																			182
KOSEIRI	01	—	14	1	0	3	—	12	31	55	00	—	14	1	0	0	—	13.1	+1.1	25.3	32	-1	21	0	75	0	225?	311	172
EL OBEID	01	8	00	0	0	3	Cu,Ac	8.0	33	39	03	8	20	1	9	8	As	11.6	-0.2	23.5	35	+1	20	-2	83	15	172	107	[illegible]
EL FASHER	01	8	—	—	4	4	Cu,Ac	—	32	56																	28	82	[illegible]
GENEINA	03	8	30	3	1	6	Cb,Ac	—	33	43																	113	—	179
KADUGLI																												—	187
MALAKAL	03	8	00	0	1	6	Cu,As	13.5	30	53	03	8	14	2	2	6	Ac,As	13.5	+0.8	24.1	31	0	21	0	84	tr	402	443	176
[illegible]	03	—	08	1	1	8	—	11	29	55	03	—	16	7	1	7	—	12.0	+0.6	24.0	29	-3	22	+2	92	0	578	636	177
[illegible]											03	8	00	0	1	7	As	14.0	+1.2	22.7	28	-3	20	0	91	0	671	614	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.

15th

[illegible]	MATR	[illegible]	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	P.SAID A.P.
7	7	7		8 30	7	7	4	4	7	7	7	7	7
02.34.30	02.30.35	02.32.45		02.33.15	02.35.15	02.35.15	03.01.15	06.34.25	06.22.40	06.19.25	07.22.20	06.08.10	02.27.15
05.35.30	05.34.55	05.32.40		05.33.30	05.36.45	05.35.50	06.36.40	10.34.25	10.24.75	10.22.25	10.21.25	10.23.15	05.30.15
10.01.20	10.35.50	10.33.35		08.33.20	10.35.45	10.36.45	10.35.40	15.31.30	15.25.70	15.25.20	15.18.25	15.22.15	ent. Cu.
15.35.20		15.35.30		10.34.30	15.35.40	15.34.10	15.33.40	18.31.30	20.27.40	20.27.25	20.11.15	20.15.15	
20.33.40		20.35.20		15.34.45	20.33.55	20.26.05	20.35.30		25.35.10	30.36.15	30.06.25	30.36.05	
25.33.50		23.33.30		20.34.30		25.33.15	28.35.30		30.05.20	40.04.15	40.10.40	40.27.10	
									40.03.25	43.07.10		50.24.06	
									50.36.10			56.28.05	
									60.12.30				
									66.14.10				

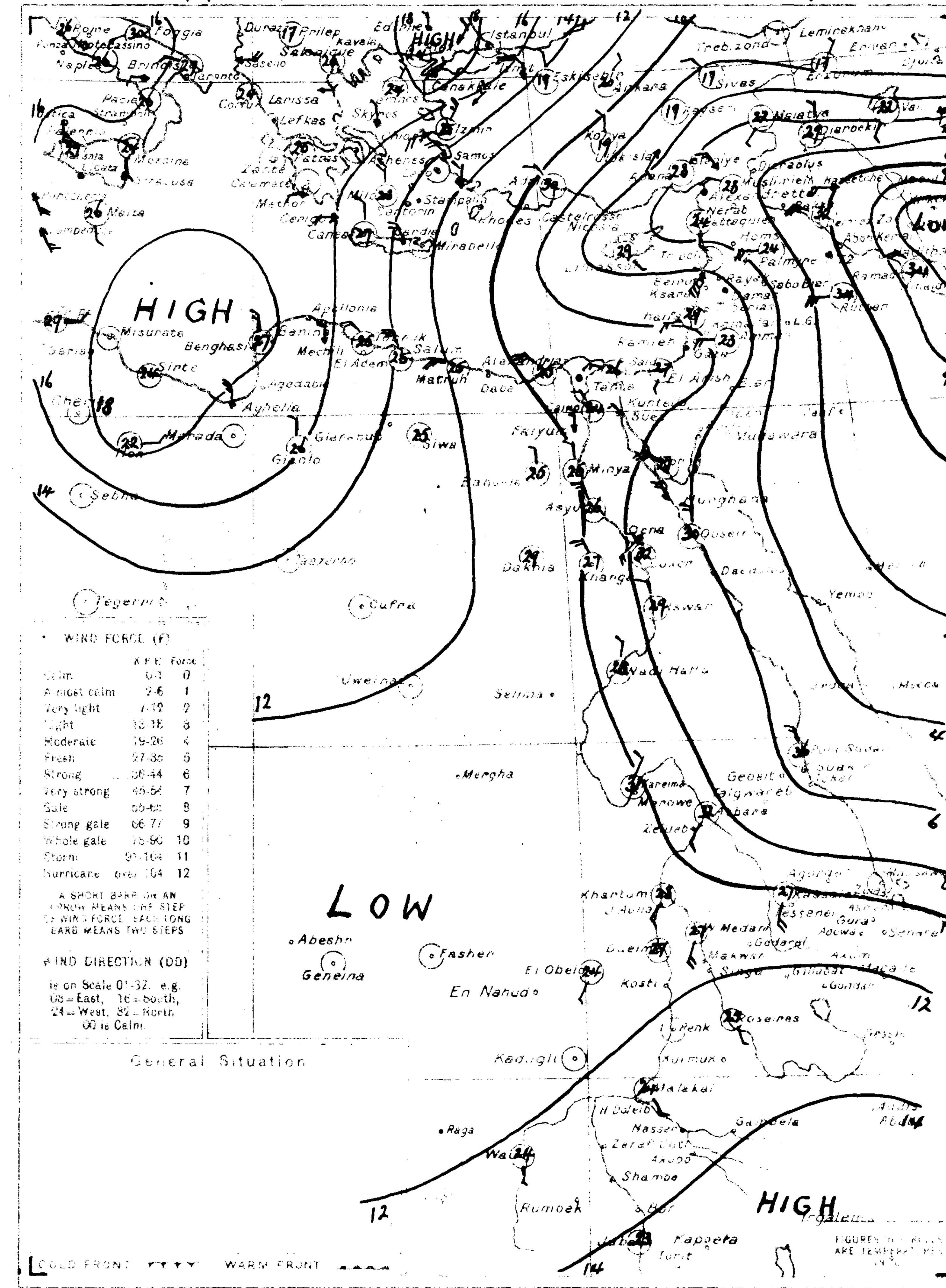
Forecast for 24 hours from noon on

Station	14th		14th	Diff.
Alexandria	81	+8	23.3	+1.1
Ezbekiya	57	-4	21.8	-0.6
Giza	59	-1	20.6	-1.1
Helwan	53	+7	20.0	+0.6
Giza [illegible]		15th	15.3°	

Date	1939	1938
15-7	1852	1507
14-7	1852	1505

Gauge	Date 1939	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	14-7	13.40	-0.16	13.38	-0.18
Nasser	14-7	9.24	+0.19	9.22	+0.20
Malakal	15-7	11.60	+0.26	11.60	+0.27
Roseires	15-7	16.27	+0.57	16.30	+0.74
Senna [illegible]	14-7	16.00	—	15.40	—
J. Aulia U.S.	14-7	374.41	—	374.28	—
J. Aulia D.S.	14-7	371.35	-0.73	371.47	-0.75
Khartum	14-7	11.86	-0.58	11.97	-0.41
Kh. [illegible]	14-7	11.95	-0.57	11.96	-0.50
Atbara	14-7	11.41	-0.14	11.36	-0.12
Kajbar	14-7	134.33	+0.25	134.24	+0.32
Aswan Res.	15-7	106.28	—	106.45	—
Aswan D.S.	15-7	87.24	+0.14	87.21	+0.16
Roda (Cairo)	15-7	15.93	+0.26	15.93	+0.27

Isobars, Wind and Temperature at 8 h. 15-7-39.



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 BAR OR 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 15th ١٠

Station	ww	V	DD	F	W	N	C	PPP	Diff.	Dry bulb	Max. yesterday	Diff.	Min. today	Diff.	Humidity	Rain past 24 h	Since 1st Sept.	Normal
Limassol	09	6	12	1	4	0	—	5.6	-1.4	29	—	—	—	—	—	0	610	464
Haifa	01	—	22	3	—	4	—	7.4	+1.4	28.8	30	-1	25	+3	59	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 [illegible], Distant Lightning [illegible], Light Mist [illegible] …

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. 45 m. 94 (h m: 45 94 as written)

Sunset 18 58

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

٣٩-٧-١٦

1417 F.C.

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	°C Temp. TTT	% Humidity UU
SALUM	00	8	02	5	0	0	—	11.5	27.8	59
MATRUH	00	7	28	5	0	0	—	10.4	26.2	77
DIKHEILA	01	8	28	4	1	3	Sc	9.6	25.9	86
ALEXANDRIA	00	9	28	5	0	0	—	8.6	27.0	73
DAMIETTA										
PORT SAID	00	7	30	4	1	0	—	7.2	30.3	65
EL 'ARISH	00	7	30	3	0	0	—	7.2	29.2	78
DAMANHUR										
MANSURA										
TANTA	01	7	32	3	1	3	Ac	7.4	32.5	52
ZAGAZIG	00	8	26	1	0	0	—	7.2	33.8	40
CAIRO ALMAZA	00	8	04	1	0	0	—	7.8	33.5	36
CAIRO EZBEKIYA	00	8	32	1	0	0	—	7.0	34.0	36
CAIRO GIZA	00	8	32	1	0	0	—	6.8	33.1	30
HELWAN	05	6	28	2	1	0	—	6.6	32.7	26
SUEZ	00	9	02	2	0	0	—	6.8	32.5	42
FAIYUM	00	8	32	4	0	0	—	7.6	34.4	45
MINYA	00	7	30	4	1	0	—	7.8	33.0	36
ASYUT	00	7	26	4	0	0	—	7.1	33.1	30
QENA	00	8	22	4	1	0	—	5.1	38.2	22
LUXOR	00	8	30	1	0	0	—	—	36.8	24
ASWAN	00	7	30	1	0	0	—	4.3	37.7	42
SIWA	00	8	00	0	0	0	—	11.9	36.1	32
BAHARIYA	00	9	32	1	0	0	—	8.4	34.0	27
KHARGA	00	8	04	4	0	0	—	7.4	35.2	30
DAKHLA	00	7	30	2	0	0	—	9.3	34.0	31
RED SEA TOR	00	6	28	4	0	0	—	4.4	30.5	68
HURGHADA	00	9	02	3	0	0	—	5.4	31.1	49
QUSEIR	00	7	32	3	0	0	—	5.8	30.2	60
PORT SUDAN	01	—	10	4	0	3	—	4	38	35
NORTH SUDAN WADI HALFA										
KAREIMA	01	8	28	3	1	3	—	6.7	38	05
'ATBARA	03	—	24	2	0	7	—	—	39	15
KHARTUM	02	8	00	0	—	5	—	6.0	41	20
KASSALA	03	8	20	3	1	8	Cu	5.5	35	37
CENTRAL SUDAN WAD MEDANI	03	—	20	5	1	7	—	8	34	45
DUEIM	02	—	—	2	0	4	—	9	35	35
RENK	03	7	28	2	1	6	Cu	9.0	32	49
ROSEIRES	01	—	14	1	0	3	—	8	34	65
EL OBEID	01	8	18	2	1	4	Cu,Ac	8.0	31	53
EL FASHER	02	—	30	2	5	4	—	—	27	65
GENEINA	02	8	26	4	1	4	Cb,Ac	—	30	54
KADUGLI	02	7	16	5	1	5	Ac	9.4	30	65
S. SUDAN MALAKAL	53	8	18	5	2	8	Cu,Ac	9.0	32	50
WAU										
JUBA	02	8	00	0	0	5	Cb	12.6	30	64

At 8 h. on SUNDAY 16th — الساعة ٨ يوم الأحد ١٦

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	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	00	8	30	4	0	0	—	10.6	+0.2	24.3	31	—	18	—	62	0	182	—	130
MATRUH	00	7	24	4	0	0	—	8.7	-1.3	24.7	27	-1	19	-2	83	0	122	160	131
DIKHEILA	02	8	30	4	1	4	Sc	8.4	—	24.4	26	—	23	—	88	0	94	—	150
ALEXANDRIA	02	9	32	3	2	4	Ac	7.6	-2.0	25.0	28	-2	23	0	76	0	166	185	132
DAMIETTA	01	8	28	2	2	1	Ac	6.7	—	26.6	31	—	23	—	73	0	70	107	159
PORT SAID	02	7	28	2	1	4	Ac	6.4	-1.7	27.0	32	+1	24	+1	76	0	64	81	134
EL 'ARISH	00	7	20	2	0	0	—	6.4	—	27.4	31	—	22	—	81	0	130	93	135
DAMANHUR	01	8	24	2	1	2	Cu	7.5	-1.5	26.4	31	-2	21	+2	72	0	29	103	136
MANSURA	01	6	28	2	1	4	Cu	7.2	—	26.1	34	-1	23	+3	73	0	46	55	137
TANTA	02	6	00	0	1	5	Cu	7.5	-2.0	26.7	33	-3	21	+1	75	0	41	43	138
ZAGAZIG	02	8	28	3	1	4	Sc	7.6	—	27.8	34	-1	22	+3	67	0	31	29	139
CAIRO ALMAZA	05	7	26	2	2	6	Sc	9.5	—	25.2	35	—	23	—	74	0	18	—	141
CAIRO EZBEKIYA	02	7	30	1	1	5	Cu	7.4	-1.6	25.1	36	+1	23	+2	73	0	23	28	—
CAIRO GIZA	03	7	00	0	2	7	Sc	7.5	-2.3	25.0	35	0	22	+3	75	0	23	28	—
HELWAN	05	6	30	2	1	3	Sc	7.6	-1.7	24.1	35	0	22	+1	71	0	26	29	143
SUEZ	00	7	32	2	0	0	—	6.8	-1.6	25.7	35	-1	23	0	69	0	27	18	144
FAIYUM	00	7	32	3	0	0	—	7.5	-2.0	25.2	35	-2	20	-1	70	0	7	8	153
MINYA	01	7	02	2	1	3	Cu	7.2	-1.4	24.8	34	-3	20	-1	73	0	4	—	154
ASYUT	00	6	28	3	0	0	—	7.2	-1.2	24.5	35	-2	21	-2	72	0	2	4	155
QENA	00	8	22	3	0	0	—	5.4	-1.2	28.5	39	-2	24	0	55	0	dr	—	156
LUXOR	00	8	10	1	0	0	—	5.9	—	31.5	38	—	21	—	48	0	dr	—	157
ASWAN	00	7	26	1	0	0	—	5.9	-1.3	28.8	40	-2	25	-1	30	0	1	—	158
SIWA	00	8	00	0	0	0	—	11.5	+0.6	24.6	38	0	15	-5	82	0	7	8	148
BAHARIYA	02	9	32	1	1	4	—	8.7	—	23.0	35	—	19	—	78	0	1	—	149
KHARGA	00	8	00	0	0	0	—	7.2	-0.7	30.2	36	-4	23	0	36	0	dr	Tr	151
DAKHLA	00	7	28	2	0	0	—	9.4	+0.7	27.2	36	-4	21	-2	26	0	dr	—	152
RED SEA TOR	00	6	28	2	0	0	—	4.2	-1.9	29.0	32	-2	26	+2	74	0	20	13	145
HURGHADA																	1	—	146
QUSEIR	00	7	02	1	0	0	—	4.6	-1.5	30.0	33	-1	25	-1	58	0	tr	6	147
PORT SUDAN	00	—	08	3	0	0	—	4.3	-0.7	36.7	39	-2	25	-3	80	0	81	113	169
NORTH SUDAN WADI HALFA	00	9	28	2	0	0	—	7.2	-0.6	28.5	39	-2	21	-3	19	—	—	—	165
KAREIMA	00	8	06	1	0	0	—	8.5	+0.5	29.2	40	-2	27	+1	24	0	3	8	166
'ATBARA	00	—	20	2	0	0	—	7.8	-0.1	32.8	41	+1	23	-3	15	0	6	22	167
KHARTUM	01	8	20	3	1	3	Ac	7.6	-1.2	33.3	41	+3	27	+2	39	0	15	40	168
KASSALA	01	8	16	3	0	1	Ac	8.2	-3.0	29.0	36	+1	24	+1	46	0	62	104	170
CENTRAL SUDAN WAD MEDANI	00	—	20	4	0	0	—	9.3	-1.0	29.9	35	-1	23	+1	55	0	106	123	171
DUEIM	03	—	—	3	1	7	—	9.1	-1.5	29.4	37	+1	26	+3	65	0	81	95	173
RENK	03	7	18	3	1	6	Cb	11.9	—	25	33	—	23	—	76	0	—	—	182
ROSEIRES	00	—	14	1	1	0	—	10.8	-1.2	25.9	34	+1	23	+2	77	0	225	317	172
EL OBEID	03	8	20	3	8	8	As	9.5	-2.3	24.0	32	-2	24	+2	75	dr	172	110	174
EL FASHER	03	9	18	3	1	6	As,Cu	—	—	23.5	29	-6	22	+1	83	dr	69	85	175
GENEINA	25	8	24	2	5	7	As,As	—	—	22.5	32	—	23	—	83	dr	113	—	179
KADUGLI																		—	187
S. SUDAN MALAKAL	51	8	18	2	6	8	As	13.1	+0.3	22.4	32	+1	22	+1	90	14	416	449	176
WAU	50	—	08	2	6	—	—	10.8	-0.6	22.2	31	-1	21	+1	94	10	588	642	177
JUBA																		618	178

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 3 h.	KAREIMA 3 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	P.SAID A.F. 7 h.
02.34.20	02.32.30	02.33.15		02.33.10	02.31.15	02.31.10	03.01.10	06 35 30	06 22 30	06 19 20	07 22 35	06 25 15		02.32.10
05.01.35	05.34.40	05.33.20		05.01.15	05.36.20	05.34.10	06.36.20	10 33 25	10 24 45	10 17 20	10 21 30	10 25 30		05.15.05
10.02.25	10.02.35	10.31.10		08.01.16	10.34.20	10.35.30	10.33.25	15 29 40	15 26 30	15 13 10	15 13 10	15 26 35		07.04.15
15.02.40		12.25.10		10.36.05	15.03.05	15.30.15	15.31.35	20 27 40	20 25 25	20 12 05	20 10 15	20 26 45		
20.01.30		18.19.15		15.11.15			20.29.40	30 23 30		30 26 05	30 10 25	30 27 20		
25.36.45				20.10.25			23.31.45	36 18 25		40 22 10	40 12 20	39 25 25		
30.36.50				23.10.25							44 11 25			
				25.02.05										
				30.33.10										
				35.34.15										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity % on 15th	Diff. from normal	Wet bulb temp °C on 15th	Diff. from normal
Alexandria	79	+6	22.8	+0.5
Ezbekiya	60	+2	22.4	0.0
Giza	62	+2	21.5	-0.2
Helwan	55	+9	20.8	+1.3

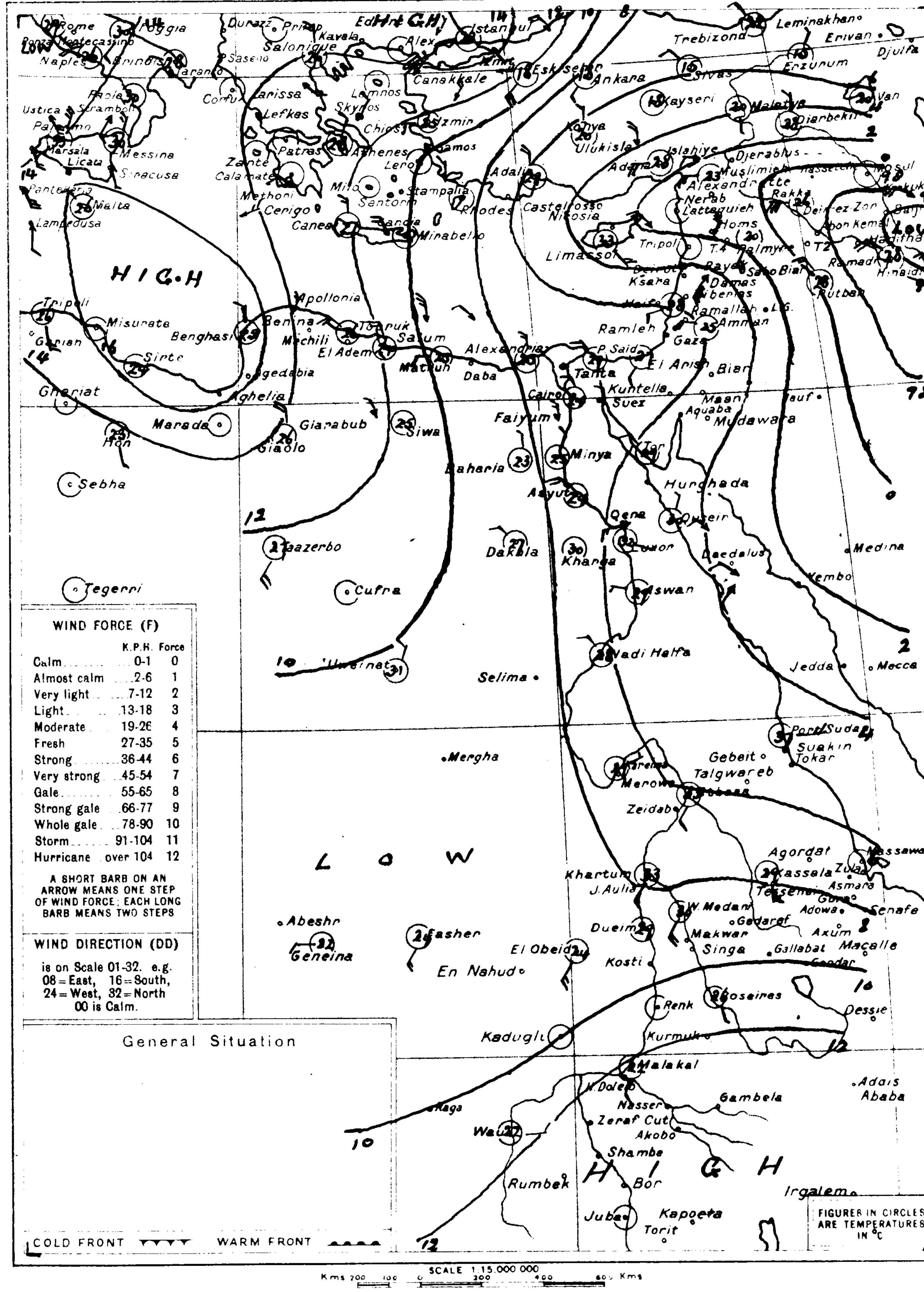
Giza Grass minimum on 16th 20.8 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
16-7	1852	1450
15-7	1852	1507

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	15-7	13.45	-0.12	13.40	-0.16
Nasser	15-7	9.26	+0.18	9.24	+0.19
Malakal	15-7	11.60	+0.26	11.60	+0.27
Roseires	16-7	16.15	+0.29	16.27	+0.57
Sennar Res	15-7	16.49	—	16.00	—
J. Aulia U.S	15-7	374.58	—	374.41	—
J. Aulia D.S	15-7	371.28	-1.06	371.35	-0.93
Khartum	15-7	11.83	-0.69	11.86	-0.58
Kh. el Girba	15-7	12.50	-0.08	11.95	-0.57
'Atbara	15-7	11.39	-0.23	11.41	-0.14
Kajnarti	15-7	134.38	+0.18	134.33	+0.25
Aswan Res.	16-7	106.11	—	106.28	—
Aswan D.S.	16-7	87.24	+0.10	87.24	+0.14
Roda (Cairo)	16-7	15.93	+0.25	15.93	+0.26

Isobars, Wind and Temperature at 8 h. 16-7-39



At 8 h. on 16th — الساعة ٨ يوم ١٦

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.	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	09	7	12	3	0	0	—	3.8	-3.2	33	—	—	—	—	7	0	610	464
Haifa	01	—	22	2	—	3	—	5.8	-0.2	28.4	32	+1	24	+2	65	0	559	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

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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h. on 16-7 (الساعة ١٤ يوم ١٦ / ٧) — At 8 h. on MONDAY 17th (الساعة ٨ يوم الاثنين ١٧)

STATION	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity % UU	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.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALÛM	00	8	02	6	0	0	—	10.0	28.4	48	00	7	30	6	0	0	—	9.3	-1.1	25.4	28	—	21	—	70	0	182	—	130
MATRÛH	00	7	26	5	0	0	—	9.1	26.3	76	01	7	28	3	0	2	Cu	8.2	-1.7	26.0	27	-1	23	+2	74	0	122	160	131
DIKHEILA	00	8	26	4	0	0	—	8.0	25.6	85	01	8	30	3	1	4	Sc	7.6	—	24.9	27	—	23	—	84	0	94	—	150
ALEXANDRIA	00	9	28	4	0	0	—	7.0	27.3	64	01	9	32	1	2	3	Ac	7.1	-2.5	25.3	29	-1	22	-1	76	0	166	185	132
DAMIETTA											00	7	20	2	0	0	—	6.4	—	26.8	29	—	21	—	73	0	70	107	159
PORT SAÏD	00	7	28	4	1	0	—	6.0	30.3	67	00	7	28	2	0	0	—	6.2	-1.8	26.6	31	0	22	-1	80	0	64	81	134
EL 'ARÎSH	00	7	30	3	0	0	—	6.0	28.8	83	00	7	00	0	0	0	—	6.4	—	27.9	30	—	20	—	82	0	130	93	135
DAMANHÛR											01	8	32	3	1	2	Cu	7.2	-1.8	27.0	32	-1	20	+1	71	0	29	103	136
MANṢÛRA											00	8	08	1	0	0	—	7.1	—	26.1	36	+1	20	0	72	0	46	55	137
TANTA	00	8	00	0	0	0	—	6.2	33.0	50	00	8	00	0	0	0	—	7.4	-2.1	23.8	34	-2	18	-2	76	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	5.9	34.9	41	01	8	22	1	2	3	Sc	7.2	—	25.4	35	0	20	+1	78	0	31	29	139
CAIRO ALMAZA	00	8	28	1	0	0	—	6.7	35.8	38	05	6	26	1	2	5	Sc	7.8	—	24.2	36	—	22	—	76	0	18	—	141
CAIRO EZBEKIYA	00	7	30	2	0	0	—	5.9	35.0	32	01	6	26	1	1	4	Sc	6.8	-2.2	24.7	37	+2	22	+1	71	0	23	28	—
CAIRO GIZA	00	7	30	2	0	0	—	5.5	33.9	37	02	6	00	0	2	4	Cu	7.2	-2.6	23.6	37	+2	21	+2	78	0	23	28	—
HELWAN	00	7	26	4	0	0	—	5.1	33.3	29	05	5	28	1	0	0	—	7.2	-2.1	23.6	35	0	21	0	74	0	26	29	143
SUEZ	01	9	02	3	0	1	Cu	5.0	34.0	29	00	7	32	3	0	0	—	6.2	-2.2	26.7	36	0	23	0	72	0	27	18	144
FAIYUM	00	8	32	1	0	0	—	7.6	34.3	30	00	8	32	2	0	0	—	7.1	-2.3	25.3	38	+1	21	0	64	0	7	8	153
MINYA	00	8	32	2	1	0	—	5.9	34.0	37	00	8	32	3	0	0	—	—	—	25.5	34	-3	21	0	72	0	4	—	154
ASYUT	00	7	22	3	0	0	—	5.5	33.4	39	00	6	20	3	0	0	—	6.4	-2.0	26.0	35	-2	21	-2	62	0	2	4	155
QENA	00	8	26	1	0	0	—	3.9	37.8	31	00	8	26	2	0	0	—	5.0	-1.5	30.0	38	-3	26	+2	42	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	4.6	37.2	30	00	8	22	1	0	0	—	6.3	—	33.2	39	—	22	—	29	0	dr	—	157
ASWAN	00	7	22	1	0	0	—	3.9	37.4	42	00	7	00	0	0	0	—	5.8	-1.4	31.2	39	-3	25	-1	36	0	1	—	158
SIWA	00	8	00	0	0	0	—	10.3	35.0	57	00	8	00	0	0	0	—	11.6	+0.7	24.8	38	0	18	-3	74	0	·7	8	148
BAHARIYA	00	9	00	0	0	0	—	7.4	34.0	27	00	9	32	1	0	0	—	8.7	—	24.0	35	—	20	—	67	0	1	—	149
KHARGA	00	8	04	2	0	0	—	4.8	38.8	27	00	8	20	1	0	0	—	7.4	-0.5	29.5	39	-1	23	0	37	0	dr	tr	151
DAKHLA	00	8	30	5	0	0	—	7.1	35.5	19	00	8	28	2	0	0	—	8.3	-0.4	28.0	36	-4	20	-3	30	0	dr	—	152
TOR	01	6	28	3	0	1	Cu	3.5	31.5	70	00	6	24	2	0	0	—	3.9	-2.2	30.0	34	0	22	-2	68	0	20	13	145
HURGHADA	00	9	04	3	0	0	—	4.2	31.4	53	00	9	30	3	0	0	—	5.1	-1.4	30.6	34	-1	22	-2	38	0	1	—	146
QUSEIR	00	7	04	2	0	0	—	4.7	29.0	79	00	7	32	2	0	0	—	4.6	-1.5	30.1	32	-2	25	-1	57	0	tr	6	147
PORT SUDAN											00	—	16	2	0	0	—	4.6	-0.4	33.8	39	-2	27	-1	59	0	81	114	169
WADI HALFA											00	8	28	2	0	0	—	6.5	-1.3	28.4	39	-2	22	-2	27	—	—	—	165
KAREIMA											05	7	16	3	0	1	Ci	8.9	+0.9	29.8	40	-2	23	-4	21	0	3	9	166
ATBARA											00	—	20	5	0	0	—	8.6	+0.7	30.8	40	0	25	-1	31	0	6	23	167
KHARTUM											01	8	18	3	1	4	Ac,Ci	10.1	+1.2	28.7	43	+5	25	0	63	0	15	41	168
KASSALA											01	8	16	3	0	3	Ac	9.8	-1.4	25.4	36	+1	22	-1	68	4	66	108	170
WAD MEDANI											01	—	18	4	0	4	—	11.1	+0.7	23.7	35	-1	20	-2	85	71	177	126	171
DUEIM											00	—	—	3	0	0	—	9.1	-1.5	25.0	36	0	23	0	82	2	83	98	173
RENK																				—		—		—				—	182
ROSEIRES											01	—	18	1	0	4	—	11.9	-0.1	24.9	33	0	21	0	75	0	225?	322	172
EL OBEID											03	8	16	3	9	6	Ci,Ac	10.8	-1.1	22.1	32	-2	20	-2	91	2	174	113	174
EL FASHER											52	8	14	2	9	7	St	—	—	21.6	33	-2	21	0	91	2	71	89	175
GENEINA											03	8	20	1	6	7	Ac,Cu	—	—	22.6	31	—	22	—	83	dr	113	—	179
KADUGLI	03	7	20	4	2	6	Ac	9.3	29	57																		—	187
MALAKÂL											03	8	18	2	2	8	Cu,Ac	13.4	+0.6	22.4	28	-3	21	0	92	dr	416	455	176
WAU	03	—	16	1	1	7	—	9	29	65	03	—	20	1	6	7	—	12.0	+0.6	22.6	29	-3	21	+1	92	27	615	649	177
JUBA	03	8	14	2	6	8	Cu,Sc	11.3	23	91	01	8	00	0	1	4	Ac	13.6	+0.8	22.0	24	-7	20	0	100	15	704	623	178

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

UPPER WINDS ON 17th (١٧ يوم)

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 2h	KAREIMA 2h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 6h	JUBA	R.SAID A.P. 7h
02.34.35	02.34.25	02.35.15	02.33.15	02.32.15	02.32.15	02.20.05	06.32.15	06.35.40	06.20.35	06.19.25	07.20.35	06.21.20		02.25.05
05.03.30	05.35.30	05.36.10	05.06.10	05.05.05	05.01.25	05.28.05	10.32.20	10.33.35	10.20.60	10.19.35	10.19.40	10.25.25		05.01.10
10.02.45	10.02.30	06.05.20	10.13.25	08.11.20	10.34.35	10.28.05	15.32.20	15.31.20	15.23.55	15.21.25	15.19.15	15.25.20		10.01.10
15.01.55		10.06.25	15.23.40	10.14.10	15.33.10	15.28.10	20.32.15	20.29.20	20.29.30	20.26.20	20.26.10	20.25.15		15.35.05
20.02.85		15.06.35	20.17.00	15.21.15		20.25.25	30.31.20	30.24.36	30.36.15	30.31.20	30.03.20	30.27.25		20.32.05
23.02.70		20.03.25	25.30.20	20.20.05		25.25.25	40.33.15		40.33.10		40.07.25			22.29.10
		21.04.20	30.35.15	23.26.10					50.29.05		50.34.10			
			35.35.15	25.33.20					60.26.10		63.01.05			
			40.36.15	30.33.10					68.25.20					
				35.35.15										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity % on 16th	Diff. from normal	Wet bulb temp °C on 16th	Diff. from normal
Alexandria	76	+3	22.1	-0.2
Ezbekiya	57	-3	22.8	0.0
Giza	60	0	22.4	+0.7
Helwan	51	+4	20.0	+1.1

Giza Grass minimum 17th 18.4°C

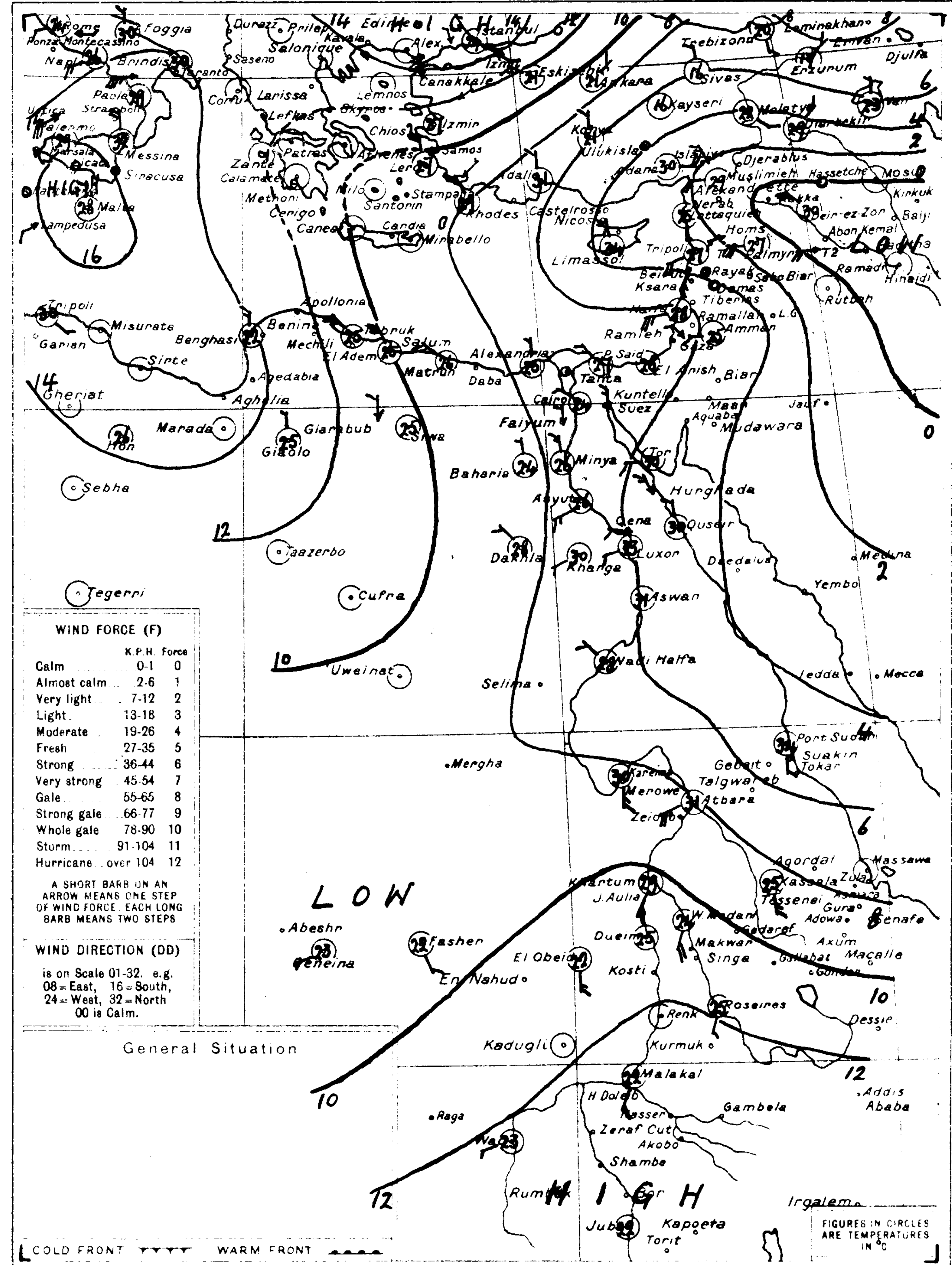
Discharges at Aswan measured by sluices m^3 per sec

DATE	1939	1938
17-7	1852	1450
16-7	1852	1450

GAUGE	Date 1939	Reading m	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Juba	16-7	13.57	-0.01	13.46	-0.12
Nasser	16-7	9.28	+0.17	9.26	+0.18
Malakal	17-7	11.64	+0.27	11.64	+0.29
Roseires	17-7	16.78	+0.78	16.15	+0.29
Sennar Res	16-7	16.95	—	16.49	—
J. Aulia U.S	16-7	374.61	—	374.58	—
J. Aulia D.S	16-7	371.33	-1.08	371.28	-1.06
Khartum	16-7	11.90	-0.71	11.83	-0.69
Kh. el Girba	16-7	12.60	-0.04	12.50	-0.08
Atbara	17-7	11.20	-0.58	11.28	-0.42
Kajnarti	16-7	134.39	+0.06	134.38	+0.18
Aswan Res.	17-7	106.98	—	106.11	—
Aswan D.S	17-7	87.24	+0.08	87.24	+0.10
Roda (Cairo)	17-7	15.97	+0.28	15.93	+0.25

Printed by the Survey & Mines Dept. 1936 (38) 554

١٧-٧-٣٩ Isobars, Wind and Temperature at 8 h. 17-7-39.



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

At 8 h. on 17th (الساعة ٨ يوم ١٧)

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	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	32	4	0	0	—	3.0	-4.0	34	—	—	—	—	—	0	610	464
Halfa	01	—	22	5	—	3	—	5.0	-1.0	28.0	31	0	24	+2	66	0	559	647
Hurghada	00	9	30	4	0	0	—	4.7	-1.9	28.2	33	-2	23	-1	65	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 [illegible]
- Slight Duststorm [illegible]
- Rain in past hour 20-29
- Slight Thunderstorm [illegible]
- Heavy Thunderstorm [illegible]
- Duststorm [illegible]
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, [illegible]
- Fog in patches [illegible]
- Drizzle 50-59
- Rain 60-69
- Rain and Fog [illegible]
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain [illegible]
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

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

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

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

CLOUD FORM (C)
- Cirrus Ci
- Cirro-cumulus Cc
- 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 05 m
" " Sunset 18 h 51 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JULY 1939 ١٩٣٩ شهر يوليه

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 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	00	8	02	7	0	0	—	9.1	27.6	41	00	8	32	5	0	0	—	9.9	-0.5	27.1	31	—	21	—	64	0	182	—	130
MATRUH	00	7	30	4	0	0	—	7.4	27.3	73	00	7	26	4	0	0	—	8.4	-1.4	25.0	27	-1	23	+2	85	0	122	160	131
DIKHEILA	01	8	28	3	0	1	Cu	—	27.0	84	05	7	26	2	0	0	—	8.0	—	25.4	29	—	24	—	90	0	94	—	150
ALEXANDRIA	00	9	32	2	0	0	—	6.6	28.0	69	00	9	28	1	0	0	—	7.8	-1.7	25.7	30	0	23	0	82	0	166	185	132
DAMIETTA											00	7	18	2	0	0	—	6.8	—	27.2	31	—	23	—	77	0	70	107	159
PORT SAID	00	7	30	3	0	0	—	5.6	31.1	65	01	7	20	3	1	3	Ac	6.6	-1.4	27.0	32	+1	23	0	83	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	5.8	28.8	80	00	7	18	1	0	0	—	6.8	—	28.8	30	—	20	—	64	0	130	93	135
DAMANHUR											00	7	22	2	0	0	—	7.4	-1.5	28.8	35	+2	20	+1	70	0	29	103	136
MANSURA											00	8	18	1	0	0	—	7.2	—	27.4	36	+1	20	0	72	0	46	55	137
TANTA	00	8	00	0	0	0	—	5.4	34.6	48	00	8	18	1	0	0	—	7.9	-1.5	26.0	35	-1	18	-2	80	0	41	43	138
ZAGAZIG	01	8	30	1	0	1	—	7.1	35.4	40	00	8	30	2	0	0	—	7.6	—	28.8	36	+1	20	+1	68	0	31	24	139
CAIRO ALMAZA	00	8	22	2	0	0	—	5.4	34.8	32	00	7	28	2	0	0	—	8.3	—	25.8	36	—	21	—	63	0	18	—	141
CAIRO EZBEKIYA	00	7	00	0	0	0	—	5.3	34.8	30	06	6	32	1	0	0	—	7.6	-1.3	27.0	37	+2	22	+1	68	0	23	28	—
CAIRO GIZA	00	7	00	0	0	0	—	5.0	35.0	29	00	6	30	2	0	0	—	7.8	-1.9	25.8	37	+2	20	+1	70	0	23	28	—
HELWAN	01	7	00	0	0	1	Cu	4.7	34.7	24	00	6	28	3	0	0	—	7.6	-1.6	25.8	37	+2	21	0	59	0	26	29	143
SUEZ	00	9	02	2	0	0	—	4.3	34.2	27	00	8	32	3	0	0	—	7.2	-1.2	27.0	37	+1	22	-1	61	0	27	18	144
FAIYUM	00	8	28	1	0	0	—	5.5	35.0	32	00	7	32	3	0	0	—	7.0	-2.4	27.0	37	0	22	+1	61	0	7	8	153
MINYA	00	7	32	3	0	0	—	5.6	34.7	35	00	8	30	2	0	0	—	7.0	-1.5	26.5	35	-2	20	-1	61	0	4	—	154
ASYUT	00	7	28	3	0	0	—	4.7	34.1	31	00	6	20	3	0	0	—	6.6	-1.7	28.0	36	-1	22	-1	44	0	2	4	155
QENA	00	8	20	2	0	0	—	3.5	38.5	24	00	8	22	3	0	0	—	5.8	-0.7	30.0	40	-1	24	0	40	0	dr	—	156
LUXOR	01	8	22	2	0	1	Ci	3.5	39.3	21	00	8	22	1	0	0	—	6.0	—	33.2	40	—	22	—	33	0	dr	—	157
ASWAN	00	7	24	1	0	0	—	3.5	37.1	8	00	7	00	0	0	0	—	5.9	-1.3	31.0	39	-3	26	0	34	0	1	—	158
SIWA	00	8	28	2	0	0	—	6.4	37.3	27	00	8	02	1	0	0	—	10.0	-0.9	26.0	39	+1	20	-1	92	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	6.0	34.0	22	00	9	00	0	0	0	—	8.6	—	26.0	36	—	21	—	48	0	1	—	149
KHARGA	00	8	16	1	0	0	—	5.6	37.6	31	00	8	32	1	0	0	—	—	—	28.8	39	-1	22	-1	54	0	dr	tr	151
DAKHLA	05	7	28	2	0	0	—	6.4	35.0	21	00	8	26	1	0	0	—	8.2	-0.5	27.5	38	-2	20	-3	38	0	dr	—	152
TOR	01	6	28	2	0	1	Cu	3.2	33.0	50	00	6	28	2	0	0	—	5.1	-0.9	28.5	33	-1	22	-2	69	0	20	13	145
HURGHADA	00	9	10	1	0	0	—	4.4	34.8	38	00	9	30	2	0	0	—	6.4	-0.1	30.0	37	+2	23	-1	49	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	4.2	30.0	71	00	7	32	2	0	0	—	5.3	-0.8	31.3	32	-2	25	-2	53	0	tr	6	147
PORT SUDAN											00	—	08	2	0	0	—	7.1	+2.1	35.6	44	+3	26	-2	34	0	81	114	169
WADI HALFA											00	9	30	1	0	0	—	6.7	-1.1	28.7	40	-1	21	-3	19	—	—	—	165
KAREIMA											05	7	22	4	0	0	—	9.1	+1.1	30.9	40	-2	25	-2	32	0	3	9	166
ATBARA											00	—	20	4	0	0	—	8.7	+0.8	33.0	40	0	26	0	25	0	6	24	167
KHARTUM											01	8	20	2	1	4	Ac	9.2	+0.3	31.5	39	+1	28	+3	49	dr	15	43	168
KASSALA											01	8	14	3	1	4	Cu,Ac	10.4	-0.8	25.7	36	+1	25	+2	68	dr	66	111	170
WAD MEDANI											00	—	18	4	0	0	—	11.1	+0.7	26.6	33	-3	23	+1	74	0	177	130	171
DUEIM											01	—	—	3	1	4	—	9.9	-0.7	27.6	35	-1	24	+1	76	0	83	101	173
RENK																			—			—		—				—	182
ROSEIRES											00	—	14	1	0	0	—	12.0	0.0	25.3	33	0	22	+1	78	6	231	328	172
EL OBEID											01	8	18	4	0	3	Ac	9.7	-2.2	25.0	31	-3	22	0	76	0	174	116	174
EL FASHER											01	8	20	2	1	3	Ac	—	—	23.0	29	-6	22	+1	92	dr	71	92	175
GENEINA											25	9	00	0	2	6	Ac,As	—	—	21.1	32	—	19	—	82	3	116	—	179
KADUGLI																												—	187
MALAKAL											01	8	22	2	1	4	Ci,Ac	11.8	-1.0	24.5	29	-2	21	0	86	13	429	461	176
WAU											01	—	24	1	2	4	—	11.5	+0.1	23.4	30	-2	21	+1	88	0	615	655	177
JUBA											01	8	30	1	1	4	Ac	12.5	-0.3	24.3	30	-1	20	0	83	0	704	627	178

UPPER WINDS ON 18th 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 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	P.SAID, A.P. 7 h.
020230	023220	013110	020210	023510	023105	023605	032405	062815	061820	061730	072230	062215		023205
050445	053515	023515	050415	050225	050415	053625	063005	103010	102240	101930	102135	102725		040805
100530		050000	100320	080120	100110	103420	103115	153115	152250	152220	151720	152830		050210
150400		100110	150220	100220	153015	153210	153115	202520	202540	202520	201515	203125		070115
200555		150305	203515	150315	202505	203605	203005	252635	252740	303510		302915		103625
250460		203620	253510	203510		251105	303015	302635	302530	400110		403220		153630
300555		240235	303015	233010			402710	322640	400305	500305		503015		203525
		250240					453010		501115			533030		253420
									600710					
									702435					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity on 17th	Diff. from normal	Wet bulb temp on 17th °C	Diff. from normal
Alexandria	74	+1	22.7	+0.4
Ezbekiya	51	-9	21.6	-0.9
Giza	52	-8	21.2	-0.6
Helwan	48	+1	20.5	+0.9

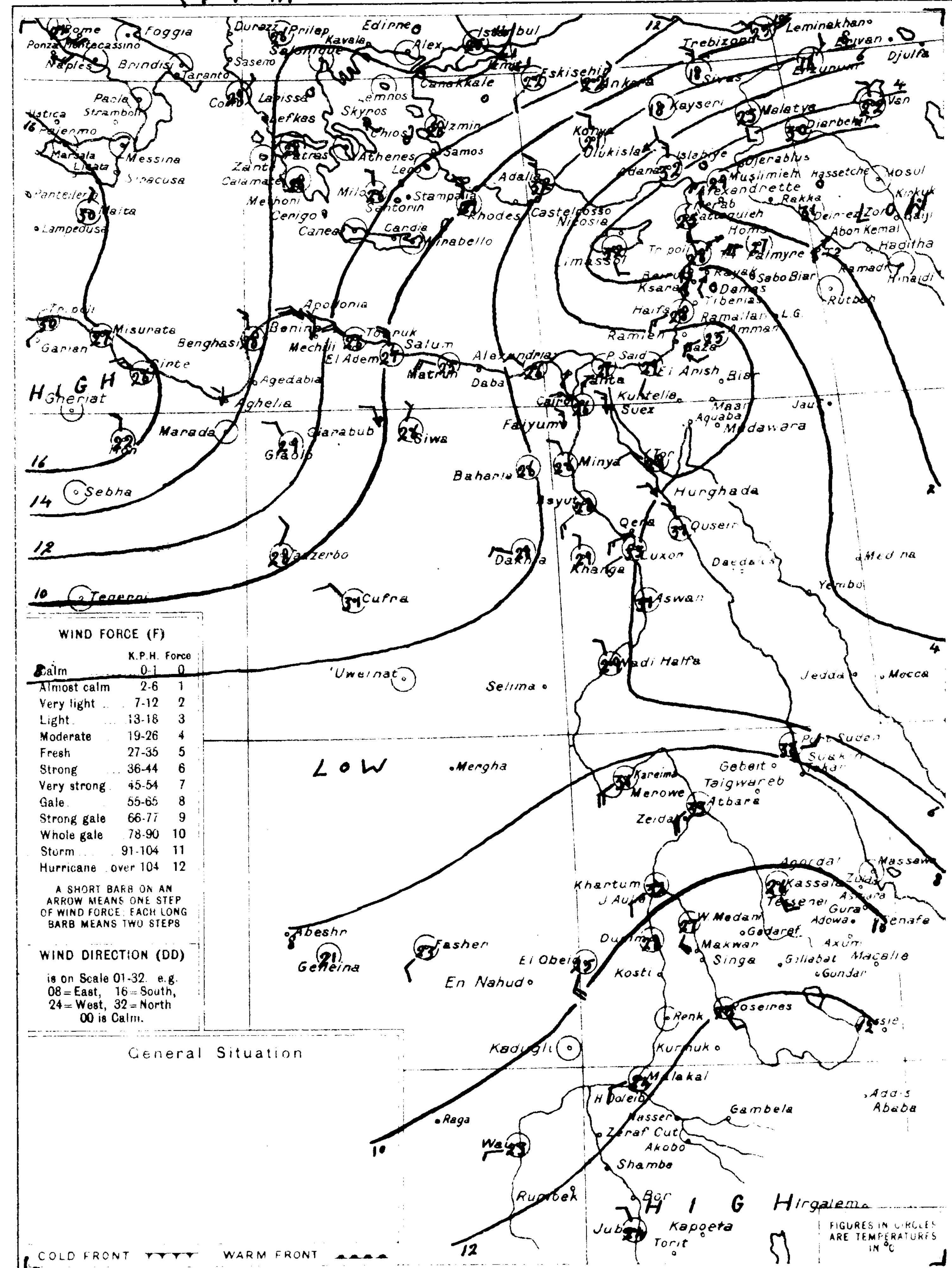
Giza Grass minimum on 18th 15.5 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
18-7	1852	1535
17-7	1852	1450

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	17-7	13.39	-0.20	13.37	-0.01
Nasser	17-7	9.30	+0.16	9.28	+0.17
Malakal	18-7	11.65	+0.26	11.64	+0.27
Roseires	17-7	16.78	+0.78	16.15	+0.29
Sennar Res	17-7	17.20	—	16.95	—
J. Aulia U.S	17-7	374.85	—	374.61	—
J. Aulia D.S	17-7	371.40	-1.08	371.33	-1.08
Khartum	17-7	12.12	-0.55	11.90	-0.71
Kh. el Girba	16-7	12.60	-0.04	12.50	-0.08
Atbara	17-7	11.20	-0.58	11.28	-0.42
Kajnarti	17-7	134.39	-0.11	134.34	+0.05
Aswan Res	18-7	105.85	—	105.98	—
Aswan D.S	18-7	87.24	+0.06	87.24	+0.08
Roda (Cairo)	18-7	15.97	+0.27	15.97	+0.28

Isobars, Wind and Temperature at 8 h. 18-7-39 ١٨-٧-٣٩



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.

At 8 h. on 18th — الساعة ٨ يوم 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 TTT	Max Yesterday MM	Max Diff. from norm.	Min Today mm	Min Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	14	2	0	0	—	3.5	-3.6	32	—	—	—	—	—	0	610	464
Haifa	01	—	22	3	—	3	—	6.0	+0.1	27.8	31	0	25	+3	66	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	13
Slight Duststorm	[illegible]
Rain in past hour	[illegible]
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	[illegible]
Fog or Thick [illegible]	[illegible]
Mod. Fog [illegible]	[illegible]
Thick [illegible]	[illegible]
Fog in patches	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Rain and Fog	57
Rain and Snow	[illegible]
Snow	[illegible]
Showers	[illegible]
of Snow	[illegible]
of Sleet	[illegible]
of Hail	[illegible]
Thunderstorm	[illegible]
[illegible]	[illegible]
with [illegible]	[illegible]
with Duststorm	[illegible]
heavy with [illegible]	[illegible]

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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 05 m
" " Sunset 18 h 56 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h on 18-7 ١٨/٧ الساعة ١٤ يوم

At 8 h on WEDNESDAY 19th الأربعاء ١٩ الساعة ٨ يوم

At 14 h on 18-7

Region	Station	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)
MEDITERRANEAN	SALUM	00	8	02	6	0	0	—	10.2	29.2	54
	MATRUH	00	7	28	4	0	0	—	8.4	27.4	81
	DIKHEILA	00	9	28	3	0	0	—	8.7	26.5	89
	ALEXANDRIA	00	9	26	3	0	0	—	8.0	28.4	72
	DAMIETTA										
	PORT SAID	00	7	28	3	1	0	—	6.0	35.0	35
	EL ARISH	00	7	30	3	0	0	—	6.4	30.0	75
LOWER EGYPT	DAMANHUR										
	MANSURA										
	TANTA	00	8	20	2	0	0	—	8.6	35.1	45
	ZAGAZIG	00	8	30	1	0	0	—	6.7	35.8	31
MIDDLE EGYPT (CAIRO)	ALMAZA	00	8	30	1	0	0	—	7.2	36.0	17
	EZBEKIYA	00	7	30	2	0	0	—	6.3	36.1	27
	GIZA	00	7	30	2	0	0	—	5.9	35.5	25
	HELWAN	00	8	28	3	0	0	—	5.6	36.1	16
	SUEZ	00	9	32	3	0	0	—	5.6	34.4	32
UPPER EGYPT	FAIYUM	00	8	08	1	0	0	—	6.3	37.5	21
	MINYA	00	9	28	3	0	0	—	5.4	37.3	28
	ASYUT	00	7	30	3	0	0	—	5.6	35.1	25
	QENA	00	8	22	3	0	0	—	4.6	37.6	31
	LUXOR	00	8	16	1	0	0	—	4.7	39.2	16
	ASWAN	00	7	18	1	0	0	—	4.0	39.3	13
WESTERN DESERT	SIWA	00	8	32	1	0	0	—	10.3	38.1	36
	BAHARIYA	00	9	00	0	0	0	—	5.8	35.0	19
	KHARGA	00	8	30	1	0	0	—	5.5	38.3	36
	DAKHLA	00	8	00	0	0	0	—	6.3	37.8	11
RED SEA	TOR	01	6	28	2	0	1	Cu	4.4	34.0	38
	HURGHADA	00	9	06	2	0	0	—	5.8	33.3	33
	QUSEIR	00	7	02	2	0	0	—	5.4	29.2	—
	PORT SUDAN										

At 8 h on Wednesday 19th

Station	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	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	8	30	6	0	0	—	10.3	-0.1	28.6	30	—	20	—	53	0	182	—	130
MATRUH	00	7	24	3	0	0	—	9.4	-0.4	26.3	27	-1	21	0	80	0	122	160	131
DIKHEILA	00	8	26	2	0	0	—	9.4	—	26.3	27	—	25	—	86	0	94	—	150
ALEXANDRIA	00	9	28	1	0	0	—	8.6	-0.9	26.4	30	0	23	0	76	0	166	185	132
DAMIETTA	00	7	12	2	0	0	—	7.4	—	29.3	34	—	24	—	71	0	70	107	159
PORT SAID	00	7	30	2	0	0	—	7.0	-1.0	27.2	36	+5	24	+1	77	0	64	81	134
EL ARISH	00	7	00	0	0	0	—	7.6	—	29.2	32	—	21	—	78	0	130	93	135
DAMANHUR	00	7	28	3	0	0	—	8.4	-0.5	28.8	36	+3	22	+3	67	0	29	103	136
MANSURA	01	8	04	1	0	2	Ci	7.8	—	27.9	36	+1	21	+1	77	0	46	55	137
TANTA	01	8	02	1	1	3	Cu	8.2	-1.2	26.8	35	-1	20	0	78	0	41	43	138
ZAGAZIG	00	8	02	1	0	0	—	8.4	—	29.4	36	+1	19	0	67	0	31	29	139
ALMAZA	05	6	00	0	0	0	—	8.8	—	26.6	37	—	23	—	71	0	18	—	141
EZBEKIYA	01	6	32	1	0	1	Cu	8.2	-0.7	27.7	37	+2	23	+2	72	0	23	28	
GIZA	01	6	00	0	1	3	Cs	8.2	-1.5	25.5	36	+1	20	+1	83	0	23	28	
HELWAN	05	5	28	2	0	0	—	8.2	-1.0	25.9	37	+2	22	+1	69	0	26	29	143
SUEZ	00	8	02	2	0	0	—	7.5	-0.9	28.0	37	+1	22	-1	61	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	8.0	-1.4	27.3	38	+1	22	+1	68	0	7	8	153
MINYA	00	7	30	2	0	0	—	7.6	-0.8	29.0	37	0	20	-1	52	0	4	—	154
ASYUT	00	6	22	3	0	0	—	7.2	-1.1	28.0	38	+1	21	-2	44	0	2	4	155
QENA	00	8	22	2	0	0	—	6.4	0.0	30.0	39	-2	21	-3	36	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	6.8	—	32.0	40	—	21	—	32	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	5.3	-1.9	30.2	41	-1	25	-1	22	0	1	—	158
SIWA	00	8	00	0	0	0	—	11.0	+0.2	29.5	39	+1	21	0	64	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.5	—	27.0	37	—	23	—	43	0	1	—	149
KHARGA	00	8	00	0	0	0	—	5.8	-2.0	29.8	41	+1	23	0	43	0	dr	tr	151
DAKHLA	00	8	26	2	0	0	—	8.8	+0.1	29.0	39	-1	23	0	34	0	dr	—	152
TOR	00	6	24	2	0	0	—	5.9	-0.1	28.0	35	+1	22	-2	77	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	6.7	+0.2	30.4	34	-1	23	-1	48	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	6.2	+0.2	29.9	32	-2	25	-2	68	0	tr	6	147
PORT SUDAN	00	—	32	2	0	0	—	5.8	+0.8	35.3	44	+3	26	-2	28	0	81	114	169
WADI HALFA	00	8	02	1	0	0	—	6.9	-0.9	28.4	41	0	21	-3	27	—	—	—	165
KAREIMA	05	7	08	1	0	3	Ac	8.7	+0.7	32.1	41	-1	23	-4	19	0	3	9	166
ATBARA	00	—	20	3	0	0	—	8.2	+0.2	31.5	40	0	27	+1	39	0	6	24	167
KHARTUM	03	8	20	3	1	7	Ac As	8.4	-0.5	27.5	39	+1	25	0	69	5	20	44	168
KASSALA	03	8	14	3	8	6	Ac	8.4	-2.9	28.7	34	+1	26	+3	52	2	68	114	170
WAD MEDANI	02	—	18	1	1	4	—	10.0	-0.4	25.0	36	0	22	0	76	6	183	134	171
DUEIM	03	—	—	3	6	7	—	10.3	-0.3	24.6	37	+1	21	-2	82	60	143	104	173
RENK								—										—	182
ROSEIRES	02	—	12	1	0	4	—	12.0	0.0	24.6	35	+3	23	+2	88	0	231	334	172
EL OBEID	25	8	10	3	8	7	St	10.7	-1.2	23.3	33	-1	23	+1	83	1	175	119	174
EL FASHER	01	8	30	3	1	4	St	—	—	26.5	37	+2	24	+3	64	dr	71	96	175
GENEINA	01	8	24	2	1	3	AcCi	—	—	23.8	33	+	21	—	67	0	116	—	179
KADUGLI																		—	187
MALAKAL	03	8	18	3	2	7	AcAs	11.2	-1.6	24.8	32	+1	23	+2	90	0	429	467	176
WAU	03	—	20	1	6	7	—	10.8	-0.7	23.0	31	-1	21	+1	96	2	617	661	177
JUBA																		632	178

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

UPPER WINDS ON 19th ١٩

SALUM	MATRUH 7 h	DIKHEILA 7 h	CAIRO 8 h	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 7 h	KAREIMA 7 h	KHARTUM 4 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA	Geneina 6 h
	02.32.30	02.36.25	02.32.05	02.32.15	02.34.15	02.33.10	07.28.15	06.17.15	06.07.30	06.18.25	07.14.30	06.22.15		10.28.20
	05.36.30	05.02.25	05.01.05	05.03.05	05.03.35	05.01.15	10.27.15	10.12.15	10.09.30	10.18.25	10.19.30	10.25.25		15.29.25
	10.03.20	10.02.25	10.34.05	08.34.15	10.02.30	10.31.05	15.24.15	15.07.25	15.10.40	15.18.05	15.22.25	15.25.30		20.34.35
	15.03.30	15.03.25	15.30.15	10.34.10	15.01.10	15.25.20	20.22.15	20.07.15	20.11.55	20.06.05	20.20.15	20.26.35		30.01.40
	18.04.35	20.03.35	20.25.15	15.27.10	20.01.15	20.23.20	25.21.25	25.05.15	25.11.45	30.05.15	23.21.05	30.26.25		40.13.10
		26.03.35		20.25.30		25.22.25	30.22.40	30.01.05		38.31.10		40.27.10		50.14.10
				23.26.20			40.29.10	40.27.20				50.19.10		53.16.10
				25.07.05			50.01.05	50.18.10				53.21.10		
				27.13.05			60.33.10							
							69.33.05							

Forecast for 24 hours from noon on

تقرير الطقس المنتظر في ١٢ الساعة من ظهر يوم

Station	Mean of day: Humidity % on 18th	Diff. from normal	Wet bulb temp °C on 18th	Diff. from normal
Alexandria	83	+10	24.0	+1.6
Ezbekiya	49	-11	22.1	-0.4
Giza	49	-12	21.2	-0.6
Helwan	39	-8	19.9	+0.3
Giza Grass minimum	18th		16.0	

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
19-7	1852	1630
18-7	1852	1535

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	18-7	13.39	+0.21	13.39	-0.20
Nasser	18-7	9.32	+0.15	9.30	+0.16
Malakal	19-7	11.65	+0.25	11.65	+0.26
Roseires	19-7	16.32	-0.02	16.36	+0.20
Sennar Res	18-7	17.20	—	17.20	—
J. Aulia U S	18-7	374.88	—	374.85	—
J. Aulia D S	18-7	371.69	-0.86	371.40	-1.08
Khartum	19-7	12.54	-0.24	12.38	-0.35
Khashm el Girba	18-7	12.45	-0.32	12.60	-0.11
Atbara	19-7	11.42	-0.52	11.32	-0.54
Kajnarti	18-7	134.39	-0.23	134.39	-0.11
Aswan Res	19-7	105.72	—	105.85	—
Aswan D S	19-7	87.23	+0.02	87.24	+0.06
Roda (Cairo)	19-7	15.97	+0.26	15.97	+0.27

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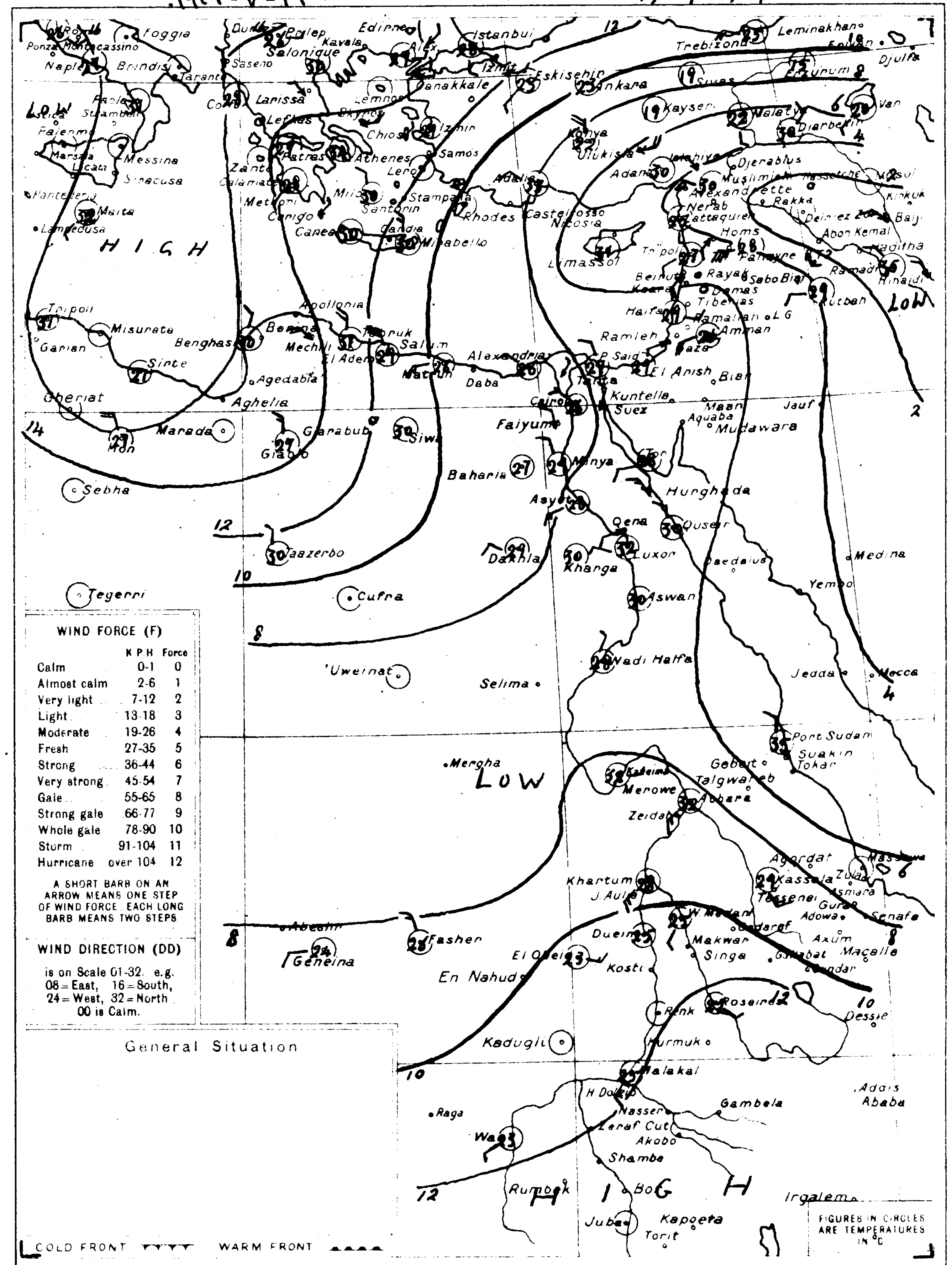
١٩٣٩-٧-١٩ Isobars, Wind and Temperature at 8 h. 19-7-1939.



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 0 200 400 600 Kms

At 8 h on 19th ١٩ الساعة ٨ يوم

Station	ww	V	DD	F	W	N	C	PPP	Diff. from normal	TTT Dry Bulb	MM Yesterday	Diff. from norm	mm Today	Diff. from norm	UU Humidity	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	00	0	0	0	—	5.4	+4.7	31	—	—	—	—	—	0	610	464
Haifa	00	—	10	2	—	0	—	7.4	+1.5	29.4	32	+1	25	+3	62	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	23
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	83-84
" of Sleet	85-86
" of Hail	88-89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 06
" " Sunset 18 56

Month JULY 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 19-7 (الساعة ١٤ يوم ١٩) — At 8 h. on THURSDAY 20th (الساعة ٨ يوم الخميس 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	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
SALUM	00	8	02	6	0	0	—	10.4	29.9	49	00	8	30	5	0	0	—	9.8	-0.6	27.9	31	—	22	—	57	0	182	—	130
MATRUH	00	7	30	4	0	0	—	9.1	26.9	87	00	7	26	4	0	0	—	8.0	-1.7	26.7	28	0	22	+1	82	0	122	160	131
DIKHEILA	00	8	26	3	0	0	—	9.1	27.3	88	00	8	24	2	0	0	—	8.2	—	27.2	30	—	22	—	83	0	94	—	150
ALEXANDRIA	00	9	28	2	0	0	—	8.3	29.0	71	00	9	24	1	0	0	—	7.8	-1.7	26.9					74	0	166	185	132
DAMIETTA											01	7	20	1	0	2	Ac	6.8	—	28.4	36	—	23	—	80	0	70	107	159
PORT SAID	00	7	28	3	0	0	—	7.0	32.7	53	00	7	20	2	0	0	—	6.7	-1.3	27.7	35	+4	24	+1	82	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	7.2	29.2	85	00	7	00	0	0	0	—	6.7	—	30.8	31	—	20	—	50	0	130	93	135
DAMANHUR											00	7	24	3	0	0	—	7.9	-1.0	29.0	37	+4	21	+2	71	0	29	103	136
MANSURA											00	8	16	1	0	0	—	7.1	—	27.9	37	+2	23	+3	75	0	46	55	137
TANTA	00	8	00	0	0	0	—	7.2	35.9	43	02	8	00	0	1	5	Cu	7.6	-1.7	26.8	36	0	20	0	83	0	41	43	138
ZAGAZIG	00	8	02	2	0	0	—	7.0	35.9	33	01	7	22	1	2	3	Sc	7.6	—	26.8	36	+1	20	+1	84	0	31	29	139
CAIRO ALMAZA	00	8	26	2	0	0	—	7.8	36.6	21	01	6	24	2	1	3	Cu	7.0	—	26.0	37	—	23	—	76	0	18	—	141
CAIRO EZBEKIYA	00	7	30	3	0	0	—	6.4	35.8	33	01	5	32	1	0	1	Cu	7.4	-1.5	27.4	38	+3	24	+3	75	0	23	28	
CAIRO GIZA	00	7	30	3	0	0	—	6.3	35.5	25	01	6	30	1	2	4	Cu	7.5	-2.1	25.5	37	+2	21	+2	85	0	23	28	
HELWAN	00	8	30	3	0	0	—	6.6	34.3	28	05	5	28	3	0	0	—	7.2	-1.9	25.9	37	+2	23	+2	73	0	26	29	143
SUEZ	00	9	04	2	0	0	—	4.7	35.6	27	00	8	32	1	0	0	—	5.4	-3.0	28.7	37	+1	23	0	57	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	6.6	36.0	26	00	8	32	2	0	0	—	7.2	-2.1	28.0	37	0	22	+1	69	0	7	8	153
MINYA	00	8	28	3	0	0	—	6.6	36.8	29	00	8	30	2	0	0	—	6.7	-1.7	28.3	37	0	23	+2	59	0	4	—	154
ASYUT	00	7	22	3	0	0	—	5.5	37.1	23	00	6	24	2	0	0	—	6.3	-1.9	29.0	38	+1	22	-1	52	0	2	4	155
QENA	00	8	22	4	0	0	—	5.3	37.8	23	00	8	24	2	0	0	—	5.9	-0.5	30.2	40	-1	25	+1	39	0	dr	—	156
LUXOR	00	8	24	2	0	0	—	6.7	40.2	—	00	8	22	1	0	0	—	6.0	—	33.8	41	—	22	—	36	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	4.7	40.3	12	00	7	02	1	0	0	—	6.3	-0.9	31.0	42	0	26	0	23	0	1	—	158
SIWA	00	8	24	1	0	0	—	11.1	39.0	42	00	8	28	1	0	0	—	11.6	+0.8	27.2	40	+2	22	+1	75	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	7.0	36.0	25	00	9	00	0	0	0	—	8.2	—	27.0	37	—	22	—	60	0	1	—	149
KHARGA	00	8	32	1	0	0	—	4.6	39.6	34	00	8	00	0	0	0	—	6.7	-1.1	30.0	40	0	25	+2	46	0	dr	Tr	151
DAKHLA	00	8	30	1	0	0	—	7.4	38.5	15	00	7	28	2	0	0	—	8.4	-0.3	31.0	40	0	25	+2	21	0	dr	—	152
TOR	00	6	28	2	0	0	—	4.6	35.5	45	00	6	24	2	0	0	—	5.0	-1.0	29.0	36	+2	22	-2	76	0	20	13	145
HURGHADA	00	9	06	1	0	0	—	6.0	34.8	34	00	9	30	3	0	0	—	6.0	-0.5	34.4	36	+1	23	-1	41	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	6.0	30.0	74	01	7	32	2	0	1	Ci	6.0	0.0	31.0	33	-1	25	-2	56	0	tr	6	147
PORT SUDAN											00	—	02	2	0	0	—	6.0	+1.0	36.5	40	-1	25	-3	28	0	81	115	169
WADI HALFA											01	8	28	2	0	2	Cs	6.3	-1.5	29.0	42	+1	22	-2	29	—	—	—	165
KAREIMA											05	7	18	3	1	3	Ac	7.6	-0.4	34.2	41	-1	27	0	36	0	3	10	166
ATBARA											30	—	20	7	0	9	—	7.5	-0.5	32.5	41	+1	29	+3	33	0	6	25	167
KHARTUM											03	8	16	4	1	7	Cu,Sc	8.8	-0.1	29.0	40	+2	27	+2	58	dr	20	46	168
KASSALA											03	8	16	3	1	8	Ac,Cu	9.6	-1.7	24.0	34	-1	23	0	75	tr	68	117	170
WAD MEDANI											02	—	16	5	1	4	—	10.3	-0.2	25.7	34	-2	23	+1	77	0	183	138	171
DUEIM											02	—	—	3	0	4	—	9.9	-0.7	25.6	34	-2	23	0	82	0	143	107	173
RENK																			—			—		—				—	182
ROSEIRES											00	—	18	1	0	0	—	11.4	-0.6	26.2	31	-1	23	+2	72	0	231	340	172
EL OBEID											02	8	16	4	1	5	As	11.4	-0.6	23.5	31	-3	23	+1	91	0	175	122	174
EL FASHER											01	8	30	3	1	4	Ac,Cs	—	—	24.0	38	+3	22	+1	76	0	71	99	175
GENEINA											03	8	24	5	1	6	Cu,Sc	—	—	22.3	35	—	20	—	91	1	117	—	179
KADUGLI																												—	187
MALAKAL											03	8	12	3	2	7	St,Cu	12.7	-0.1	23.2	30	-1	21	0	93	38	467	473	176
WAU											03	—	20	1	6	7	—	11.5	0.0	23.0	30	-2	22	+2	94	1	618	668	177
JUBA																												636	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	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P.SAID A.P.
h m	7 h m	8 h m	h m	8 h 30 m	7 h m	7 h m	4 h m	7 h m	7 h m	7 h m	7 h m	6 h m	h m	8 h m
	02.32.35	01.28.15		02.32.20	02.31.15	05.01.30	03.01.15	06.21.46	06.17.40	06.19.25	07.20.40	06.21.40		02.25.05
	05.36.40	02.31.15		05.05.05	05.29.05	10.01.15	06.35.25	10.23.25	10.19.50	10.20.45	10.21.35	10.23.55		05.00.00
	10.01.30	04.36.20		10.02.15	10.01.10	15.31.10	10.33.20	15.21.10	15.18.45	15.18.25	15.15.10	15.24.45		07.02.15
	13.02.30	05.02.35		15.06.10		20.23.20	15.35.20	20.19.05	20.18.35	20.20.20	20.11.30	20.22.35		10.07.10
		10.06.15		20.03.15		25.22.20		25.23.10	25.19.20	30.23.10	26.08.25	22.22.35		15.05.10
		15.09.20		25.07.15		30.21.25		30.12.05	30.19.20					20.02.15
		20.07.25		30.04.05				40.12.05	31.23.10					22.01.15
		25.05.30		35.10.00				50.21.25						
		26.04.40		40.36.15				60.11.20						
				45.31.15				65.17.10						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى 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	82	+9	24.3	+1.9
Ezbekiya	53	-7	23.3	+0.7
Giza	55	-6	22.0	+0.2
Helwan	47	0	21.5	+1.8

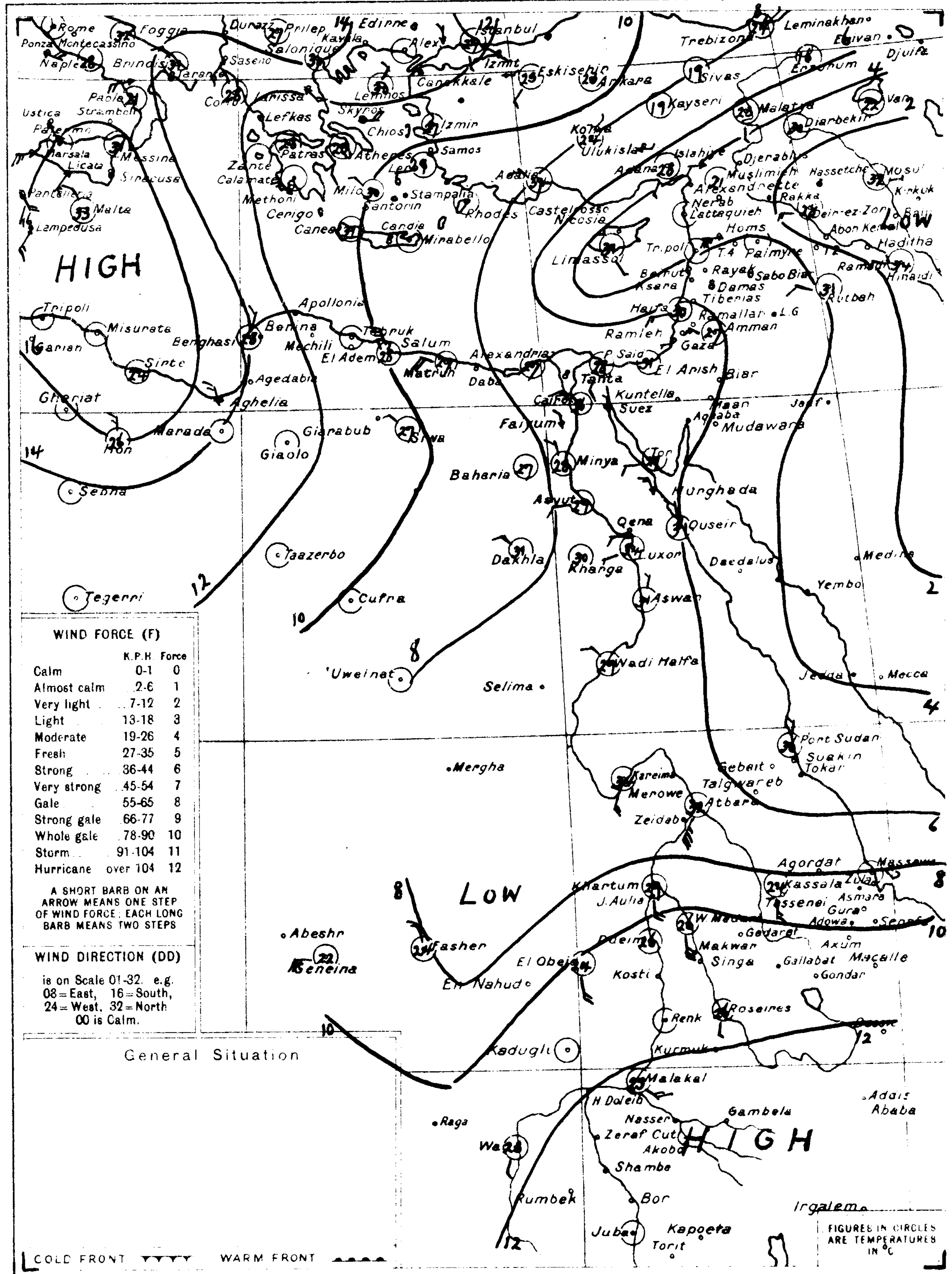
Giza Grass minimum on 20th 17.4°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
20-7	1852	1740
19-7	1852	1630

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	19-7	13.40	-0.20	13.39	-0.21
Nasser	19-7	9.34	+0.14	9.32	+0.15
Malakal	20-7	11.67	+0.26	11.65	+0.25
Roseires	20-7	16.56	+0.05	16.32	-0.02
Sennar Res	19-7	17.21	—	17.20	—
J. Aulia U.S	19-7	375.03	—	374.88	—
J. Aulia D.S	19-7	371.86	-0.76	371.69	-0.86
Khartum	19-7	12.54	-0.24	12.38	-0.35
Kh. el Girba	19-7	12.75	-0.11	12.45	-0.32
Atbara	20-7	11.47	-0.55	11.42	-0.52
Kajnarti	19-7	134.37	-0.43	134.39	-0.23
Aswan Res	20-7	105.58	—	105.72	—
Aswan D.S.	20-7	87.22	-0.01	87.23	+0.02
Roda (Cairo)	20-7	15.97	+0.26	15.97	+0.26

Isobars, Wind and Temperature at 8 h. 20-7-39 (٢٠-٧-٣٩)



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	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
Limassol	00	7	14	1	0	0	—	3.0	-4.1	31	—	—	—	—	—	0	610	464
Haifa	00	—	22	3	—	0	—	6.7	+0.8	29.6	32	+1	24	+2	63	0	559	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	13
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	4[illegible]
Fog in patches	4[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	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

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

CAIRO
Time of Sunrise 5h 07m
" " Sunset 18 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٢١-٧-٣٩ Isobars, Wind and Temperature at 8 h. 21-7-39.

1417 F.C.

Month JULY 1939 ١٩٣٩ شهر يوليو

At 14 h. on 20-7 V/ الساعة ٢ يوم | At 8 h. on FRIDAY 21st الجمعة ٢١ الساعة ٨ يوم

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESS. M.S.L. 1000+ mbs.	°C TEMP.	% 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.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday	MAXIMUM Diff. from norm. °C	MINIMUM Today	MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	U	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		U				
SALUM	00	8	02	6	0	0	—	9.5	32.9	29	00	8	02	6	0	0	—	10.0	-0.3	29.9	35	—	22	—	40	0	182	—	130
MATRUH	00	7	26	4	0	0	—	8.0	27.5	84	00	7	26	4	0	0	—	8.6	-1.1	26.5	28	0	22	+1	85	0	122	160	131
DIKHEILA	01	8	28	3	0	1	Cu	8.2	27.1	92	00	8	26	3	0	0	—	8.6	—	26.3	28	—	25	—	93	0	94	—	150
ALEXANDRIA	00	9	28	2	0	0	—	7.5	29.2	72	00	9	28	1	0	0	—	8.0	-1.5	26.9	32	+2	24	+1	87	0	166	185	132
DAMIETTA											00	8	22	1	0	0	—	6.7	—	29.0	34	—	23	—	78	0	70	107	159
PORT SAÏD	00	7	28	2	0	0	—	6.6	33.0	67	00	7	26	3	0	0	—	6.8	-1.1	28.2	34	+3	25	+2	84	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	6.6	30.3	81	00	7	00	0	0	0	—	6.8	—	31.0	34	—	20	—	52	0	130	93	135
DAMANHÛR											00	7	32	1	0	0	—	8.0	-0.9	30.8	37	+4	22	+3	68	0	29	103	136
MANSURA											00	8	08	2	0	0	—	7.5	—	28.2	39	+4	22	+2	74	0	46	55	137
TANTA	00	8	00	0	0	0	—	7.1	36.6	43	00	8	00	0	0	0	—	8.3	-1.0	28.7	37	+1	20	0	73	0	41	43	138
ZAGAZIG	00	8	26	1	0	0	—	6.6	37.4	33	00	8	22	1	0	0	—	8.0	—	31.4	37	+2	21	+2	59	0	31	29	139
CAIRO ALMAZA	01	8	32	3	0	1	Cu	6.8	37.0	27	05	6	00	0	0	0	—	8.3	—	28.0	38	—	23	—	61	0	18	—	141
CAIRO EZBEKIYA	01	7	32	2	0	1	Cu	6.2	37.4	32	00	7	00	0	0	0	—	7.6	-1.3	28.5	40	+5	24	+3	66	0	23	38	—
CAIRO GIZA	01	7	32	2	0	1	Cu	5.8	35.1	33	00	7	00	0	0	0	—	7.8	-1.8	26.4	38	+3	21	+1	78	0	23	28	—
HELWAN	01	7	26	4	0	1	Cu	5.4	36.2	23	05	5	00	0	0	0	—	7.9	-1.2	28.0	38	+3	23	+2	45	0	26	29	143
SUEZ	00	9	32	3	0	0	—	5.5	35.3	32	00	9	32	2	0	0	—	7.6	-0.8	29.0	38	+2	23	0	56	0	27	18	144
FAIYUM	00	8	32	1	0	0	—	5.8	37.6	24	00	8	32	1	0	0	—	7.5	-1.8	29.0	39	+2	24	+3	54	0	7	8	153
MINYA	00	9	26	4	0	0	—	4.7	37.5	25	00	8	30	2	0	0	—	7.0	-1.4	29.6	38	+1	23	+2	54	0	4	—	154
ASYUT	00	7	02	1	0	0	—	5.5	36.4	32	00	6	22	2	0	0	—	6.7	-1.5	30.0	39	+2	24	+1	40	0	2	4	155
QENA	00	8	22	5	0	0	—	4.7	38.0	23	00	8	22	2	0	0	—	6.0	-0.4	31.6	39	-2	24	0	33	0	dr	—	156
LUXOR	00	8	18	2	0	0	—	6.4	39.8	16	00	8	26	1	0	0	—	6.8	—	32.0	42	—	23	—	43	0	dr	—	157
ASWAN	00	7	24	1	0	0	—	4.0	40.8	16	00	7	00	0	0	0	—	6.4	-0.8	34.4	42	0	28	0	25	0	1	—	158
SIWA	00	8	24	1	0	0	—	8.4	40.2	43	00	8	04	1	0	0	—	11.5	+0.7	28.0	43	+5	23	+2	77	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	6.8	37.6	10	00	9	00	0	0	0	—	7.8	—	30.0	39	—	22	—	36	0	1	—	149
KHARGA	00	8	20	1	0	0	—	5.4	39.4	36	00	8	00	0	0	0	—	7.2	-0.6	32.2	41	+1	24	+1	40	0	dr	tr	151
DAKHLA	00	7	30	2	0	0	—	7.6	38.0	13	00	7	00	0	0	0	—	8.8	+0.1	29.0	40	0	23	0	25	0	dr	—	152
TOR	01	6	28	2	0	1	Cu	4.2	33.8	—	00	6	24	1	0	0	—	5.8	-0.2	28.5	37	+3	23	-1	81	0	20	13	145
HURGHADA	00	9	06	1	0	0	—	5.4	35.2	36	00	9	30	2	0	0	—	6.2	-0.3	31.8	37	+2	24	0	44	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	5.5	30.3	72	00	7	32	3	0	0	—	5.8	-0.1	32.6	34	0	26	-1	42	0	tr	tr	147
PORT SUDAN											00	—	12	2	0	0	—	7.0	+2.0	37.4	42	+1	30	+2	37	dr	81	115	169
WADI HALFA											00	8	24	1	0	0	—	7.1	-0.7	28.4	43	+2	23	-1	29	—	—	—	165
KAREIMA											05	7	20	1	1	2	Ac	9.7	+1.7	30.2	41	-1	28	+1	53	0	3	10	166
ATBARA											02	—	20	3	1	4	—	9.1	+1.1	29.8	38	-2	26	0	42	1	7	26	167
KHARTÛM											01	8	12	2	1	3	Ac	10.5	+1.5	27.3	37	-1	24	-1	71	4	24	48	168
KASSALA											03	8	14	3	6	6	Ac	10.8	-0.5	26.0	34	-1	23	0	76	8	76	121	170
WAD MEDANI											02	—	16	5	0	4	—	11.1	+0.6	26.9	34	-2	23	+1	68	dr	183	141	171
DUEIM											00	—	—	3	0	0	—	12.8	+0.1	26.4	35	-1	23	0	75	0	143	110	173
RENK																													182
ROSEIRES											00	—	14	1	5	0	—	10.6	-1.4	25.7	34	+2	24	+3	77	dr	231	346	172
EL OBEID											01	8	14	3	0	1	Ac	9.7	-2.3	24.1	32	-2	22	0	83	tr	175	124	174
EL FASHER											02	8	14	2	2	5	St	—	—	23.3	39	+4	22	+1	83	dr	71	103	175
GENEINA											02	8	24	4	1	5	AcCu	—	—	24.1	33	—	23	—	67	dr	117	—	179
KADUGLI																													187
MALAKAL											03	8	18	3	2	7	Ac	13.3	+0.5	23.9	29	-2	22	+1	91	0	467	417	176
WAU											60	—	16	2	6	8	—	14.5	+3.0	21.0	30	-2	20	0	93	10	628	674	177
JUBA											03	8	00	0	1	8	AcAs	13.1	+0.3	22.9	28	-3	20	0	91	0	743	641	178

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

UPPER WINDS ON 21st الرياح العليا يوم ٢١

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWAN h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.	GENEINA h. m.
		7 h. m.					3 h. m.	4 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.		6 h. m.
		02.03.20					03.33.05	06.19.45	06.15.30	06.18.15	07.17.20	06.21.15		10.24.25
		05.05.20					06.34.15	10.20.35	10.17.25	10.19.30	10.14.20	10.21.25		15.27.30
		10.01.10					10.35.20	15.25.10	15.18.20	15.22.20	15.13.15	15.25.25		20.32.35
		15.32.15					15.35.20	20.31.25	20.19.20	20.24.10	20.08.15	20.25.30		30.02.40
		20.34.30					20.32.15	30.03.20	25.19.30	30.34.10	28.02.05	30.19.20		40.05.30
		25.38.25					25.28.15		30.18.30	40.35.05		40.21.20		50.12.15
		30.34.25					30.24.25		40.18.20	44.34.05		45.18.25		51.13.10
							40.23.55		50.18.20					
							42.24.40		60.17.30					
									66.18.20					

Forecast for 24 hours from noon on

STATION	Mean of day HUMIDITY % on 20-7	Mean of day HUMIDITY % Diff. from normal	Mean of day WET BULB TEMP. on 20-7	Mean of day WET BULB TEMP. Diff. from normal
Alexandria	76	+3	24.5	+2.1
Ezbekiya	53	-7	23.7	+1.1
Giza	55	-6	22.9	+1.0
Helwân	44	-3	21.5	+1.8

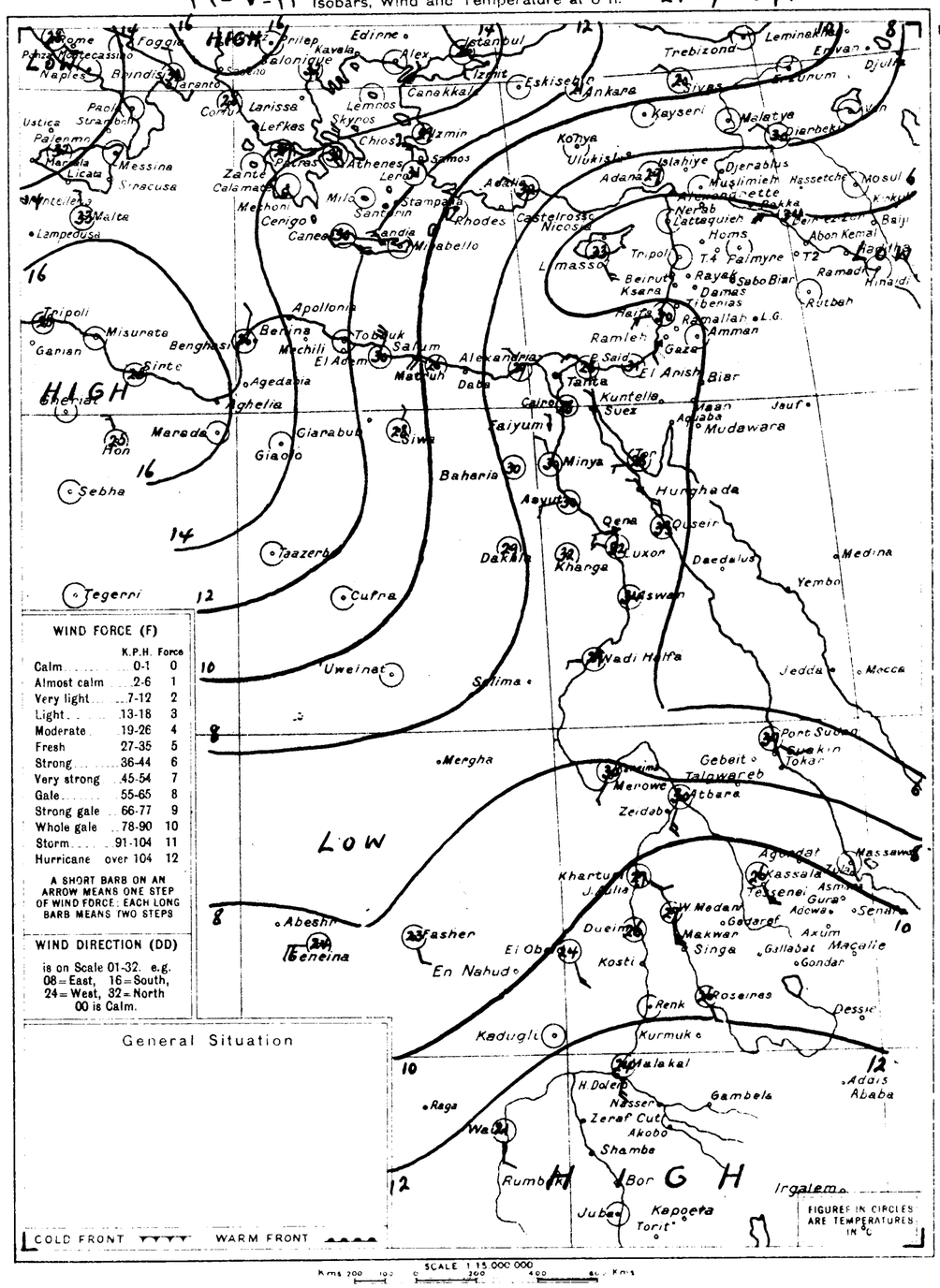
Giza Grass minimum on 21st 17.3 °C

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
20.7	1852	1740
19.7	1852	1630

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20.7	13.55	-0.05	13.40	-0.20
Nasser	19.7	9.34	+0.14	9.34	+0.15
Malakal	20.7	11.67	+0.26	11.65	+0.25
Roseires	20.7	16.56	+0.05	16.32	-0.02
Sennar Res	20.7	17.20	—	17.21	—
J. Aulia U.S	19.7	375.03	—	374.81	—
J. Aulia D.S	19.7	371.86	-0.76	371.69	-0.86
Khartûm	19.7	12.54	-0.24	12.38	-0.35
Kh. el Girba	19.7	12.75	-0.11	12.45	-0.32
Atbara	20.7	11.47	-0.55	11.42	-0.54
Kajnarti	19.7	134.37	-0.43	134.39	-0.22
Aswân Res	20.7	105.58	—	105.72	—
Aswân D.S.	20.7	87.22	-0.01	87.43	+0.02
Roda (Cairo)	20.7	15.97	+0.25	15.97	+0.26



General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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.

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESSURE M.S.L. 1000+ mbs.	BAR PRESSURE Diff from normal mbs.	TEMPERATURE Dry Bulb °C	TEMPERATURE MAXIMUM Yesterday	TEMPERATURE MAXIMUM Diff. from norm. °C	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		U			
Limassol	01	7	14	3	0	0	—	4.6	-2.5	33	—	—	—	—	—	0	610	464
Haifa	00	—	22	3	—	0	—	6.3	+0.4	30.2	32	+1	23	+1	59	0	559	647
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (w w)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squalls	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	29
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ...	42
Fog in patches	44
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-84
" of Snow	85, 86
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" with 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

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

CAIRO

Time of Sunrise 05 h 07 m

" " Sunset 18 h 55 m

Month JULY 1939 ١٩٣٩ شهر يوليو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 21st ٢١ الساعة ١٤ يوم

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	00	8	02	7	0	0	—	9.9	30.4	44
	MATRUH	00	7	28	3	0	0	—	7.9	27.9	83
	DIKHEILA	00	8	28	2	0	0	—	8.0	28.0	90
	ALEXANDRIA	00	9	28	2	0	0	—	7.2	30.1	63
	DAMIETTA										
	PORT SAID	00	7	30	3	0	0	—	6.3	33.9	49
	EL 'ARISH	00	7	30	3	0	0	—	6.8	31.5	77
Lower Egypt	DAMANHUR										
	MANSURA										
	TANTA	00	8	00	0	0	0	—	6.8	36.4	41
	ZAGAZIG	01	8	30	1	0	1	Cu	6.3	37.9	27
Middle Egypt (Cairo)	ALMAZA	01	8	28	2	0	1	Cu	6.3	38.0	18
	EZBEKIYA	00	8	30	2	0	0	—	5.6	38.6	24
	GIZA	00	8	30	2	0	0	—	5.6	37.4	25
	HELWAN	00	7	28	4	0	0	—	4.8	36.9	18
	SUEZ	00	9	32	2	0	0	—	5.1	36.6	26
Upper Egypt	FAIYUM	00	8	32	2	0	0	—	5.5	39.0	22
	MINYA	00	7	28	4	0	0	—	5.6	38.0	27
	ASYUT	00	7	02	1	0	0	—	4.3	37.8	25
	QENA	00	8	12	1	0	0	—	4.3	39.7	27
	LUXOR	00	8	22	2	0	0	—	4.7	40.5	—
	ASWAN	00	7	22	2	0	0	—	3.5	40.0	18
Western Desert	SIWA	00	8	04	1	0	0	—	8.3	40.0	51
	BAHARIYA	00	9	00	0	0	0	—	5.3	39.5	16
	KHARGA	00	8	00	0	0	0	—	4.6	41.5	30
	DAKHLA	00	7	30	4	0	0	—	6.6	38.9	11
Red Sea	TOR	01	6	28	2	0	1	Cu	3.8	36.1	45
	HURGHADA	00	9	06	1	0	0	—	4.7	36.6	23
	QUSEIR	00	7	02	2	0	0	—	5.1	31.0	71
	PORT SUDAN										

At 8 h. on SATURDAY 22nd السبت ٢٢ الساعة ٨ يوم

Region	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	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	32	6	0	0	—	9.1	-1.2	29.1	32	—	24	—	49	0	182	—	130
	MATRUH	00	7	26	4	0	0	—	—	—	26.2	28	0	23	+2	87	0	122	160	131
	DIKHEILA	00	8	25	3	0	0	—	7.4	—	26.8	28	—	26	—	88	0	94	—	150
	ALEXANDRIA	00	9	24	2	0	0	—	6.8	-2.7	26.5	32	+2	24	+1	82	0	166	185	132
	DAMIETTA	00	8	22	1	0	0	—	5.9	—	30.0	34	—	24	—	66	0	70	107	159
	PORT SAID	00	7	28	2	0	0	—	5.4	-2.5	29.3	35	+4	25	+2	64	0	64	81	134
	EL 'ARISH	00	7	20	2	0	0	—	5.3	—	28.9	32	—	23	—	71	0	130	93	135
Lower Egypt	DAMANHUR	00	7	24	2	0	0	—	6.7	-2.1	29.6	36	+3	22	+3	69	0	29	103	136
	MANSURA	00	8	16	2	0	0	—	6.0	—	28.2	39	+4	22	+2	75	0	46	55	137
	TANTA	00	8	00	0	0	0	—	6.7	-2.6	28.0	37	+1	20	0	79	0	41	43	138
	ZAGAZIG	01	8	22	1	0	1	Cu	6.4	—	29.4	38	+3	21	+2	74	0	31	29	139
Middle Egypt (Cairo)	ALMAZA	05	6	00	0	4	5	St	7.8	—	28.4	39	—	22	—	83	0	18	—	141
	EZBEKIYA	01	5	28	1	1	1	Cu	6.6	-2.3	27.7	40	+5	24	+3	79	0	23	28	—
	GIZA	04	7	00	0	2	3	Cu	6.7	-2.9	25.9	39	+4	21	+1	83	0	23	28	—
	HELWAN	09	5	28	1	0	0	—	6.6	-2.5	25.1	39	+4	23	+2	82	0	26	29	143
	SUEZ	00	8	02	2	0	0	—	5.8	-2.6	28.4	38	+2	23	0	61	0	27	18	144
Upper Egypt	FAIYUM	00	8	32	2	0	0	—	6.2	-3.1	28.5	41	+4	22	+1	66	0	7	8	153
	MINYA	00	8	30	2	0	0	—	5.9	-2.4	29.0	39	+2	25	+4	52	0	4	—	154
	ASYUT	00	6	22	3	0	0	—	5.6	-2.6	29.2	40	+3	24	+1	45	0	2	4	155
	QENA	00	8	30	1	0	0	—	4.7	-1.7	30.9	41	0	26	+2	42	0	dr	—	156
	LUXOR	00	8	10	1	0	0	—	4.7	—	35.5	43	—	23	—	30	0	dr	—	157
	ASWAN	00	7	18	1	0	0	—	4.8	-2.4	31.8	42	0	26	0	32	0	1	—	158
Western Desert	SIWA	00	8	04	3	0	0	—	9.8	-1.0	27.4	42	+4	22	+1	75	0	7	8	148
	BAHARIYA	00	9	00	0	0	0	—	7.8	—	28.0	40	—	22	—	44	0	1	—	149
	KHARGA	00	8	00	0	0	0	—	5.5	-2.3	32.3	42	+2	24	+1	38	0	dr	tr	151
	DAKHLA	00	8	26	1	0	0	—	8.3	-0.4	32.8	41	+1	24	+1	24	0	dr	—	152
Red Sea	TOR	00	6	28	3	0	0	—	3.9	-2.1	28.5	36	+2	23	-1	85	0	20	13	145
	HURGHADA	00	9	30	2	0	0	—	4.7	-1.8	32.6	37	+2	25	+1	43	0	1	—	146
	QUSEIR	00	7	32	3	0	0	—	4.3	-1.6	32.5	33	-1	26	-1	49	0	tr	6	147
	PORT SUDAN	00	—	08	2	3	0	—	5.4	+0.3	37.7	44	+3	30	+2	37	dr	81	115	169
North Sudan	WADI HALFA	00	8	00	0	0	0	—	6.3	-1.5	31.1	43	+2	24	0	27	—	—	—	165
	KAREIMA	02	8	20	4	1	5	Ac	8.3	+0.3	30.5	40	-2	28	+1	53	0	3	10	166
	ATBARA																		27	167
	KHARTUM	01	9	22	3	1	4	CuSc	9.5	+0.5	30.3	37	-1	27	+2	64	0	24	49	168
	KASSALA	62	7	14	2	6	8	As	12.3	+0.9	22.2	34	0	21	-2	91	13	89	124	170
Central Sudan	WAD MEDANI	03	—	18	4	1	7	—	10.6	+0.1	26.6	35	-1	24	+2	72	0	183	145	171
	DUEIM	00	—	—	3	0	0	—	10.7	0.0	27.2	35	-1	25	+2	72	0	143	113	173
	RENK	02	7	18	2	1	5	Cb	13.4	—	23	34	—	23	—	84	0	—	—	182
	ROSEIRES	00	—	18	1	5	0	—	12.0	0.0	24.7	34	+2	22	+1	77	3	234	353	172
	EL OBEID	03	8	18	4	1	7	Cu	10.5	-1.5	23.8	32	-2	22	0	83	0	175	127	174
	EL FASHER	03	8	12	1	2	7	Sc	—	—	22.7	37	+2	21	0	83	57	128	106	175
	GENEINA	02	8	18	3	2	5	Sc	—	—	22.1	31	—	20	—	91	3	120	—	179
	KADUGLI																		—	187
S. Sudan	MALAKAL	21	8	20	3	1	6	As	13.1	+0.8	24.5	29	-2	23	+2	85	tr	467	485	176
	WAU	03	—	16	1	6	7	—	12.0	+0.5	23.0	29	-3	20	0	85	2	630	680	177
	JUBA																		645	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.

SALUM h. m.	MATRUH 7 h. m.	DIKHEILA 7 h. m.	CAIRO h. m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 4 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.	P.SAIDAR 7 h. m.
	02.33.20	02.33.30		02.32.25	02.27.10	05.32.20	03.30.15	06.21.35	06.22.25	06.18.20	07.22.25	06.22.25		02.34.15
	05.01.25	05.35.30		05.04.25	05.07.20	10.33.25	06.30.15	10.23.40	10.23.40	10.19.20	10.22.45	10.20.35		05.34.45
	10.03.25	10.02.10		08.02.30	10.03.15	15.25.10	10.30.25	15.25.30	15.24.35	16.23.15	15.21.20	15.24.35		10.36.30
	13.04.30	15.32.25		10.01.30	15.34.20	20.27.15	15.29.25	20.31.15	20.24.25	20.28.10	20.12.10	20.23.25		15.35.05
		20.33.30		15.34.30			20.28.25	25.01.20	24.25.30	22.27.10	30.[illegible].10	30.21.25		20.35.25
		25.35.25		19.34.30			30.22.40	30.01.15			34.15.25	40.05.15		
							36.21.40	40.01.10				50.06.20		
								50.25.15				60.06.25		
												63.05.20		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 21st	Diff. from normal	Wet bulb temp °C on 21st	Diff. from normal
Alexandria	88	+1.5	24.9	+2.5
Ezbekiya	49	-11	23.5	+0.9
Giza	52	-9	22.5	+0.6
Helwan	33	-15	20.7	+1.0

Giza Grass min. mum on 22nd 16.2°C

Discharges at Aswan measured by sluices m.³ per sec

Date	1939	1938
22-7	1795	1735
21-7	1794	1730

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	21-7	13.50	-0.11	13.55	-0.05
Nasser	21-7	9.39	+0.13	9.37	+0.14
Malakal	22-7	11.67	+0.23	11.67	+0.25
Roseires	22-7	16.66	-0.16	16.65	-0.01
Sennar Res	21-7	17.19	—	17.20	—
J. Aulia U.S	21-7	375.72	—	375.16	—
J. Aulia D.S	21-7	373.13	-0.65	371.98	-0.72
Khartum	21-7	12.81	-0.16	12.66	-0.20
Kh. el Girba	21-7	13.04	0.00	12.54	-0.40
Atbara	22-7	11.86	-0.34	11.57	-0.54
Kajnarti	21-7	134.54	-0.57	134.40	-0.57
Aswan Res.	22-7	105.35	—	105.46	—
Aswan D.S	22-7	87.15	-0.16	87.18	-0.09
Roda (Cairo)	22-7	15.95	+0.21	15.95	+0.22

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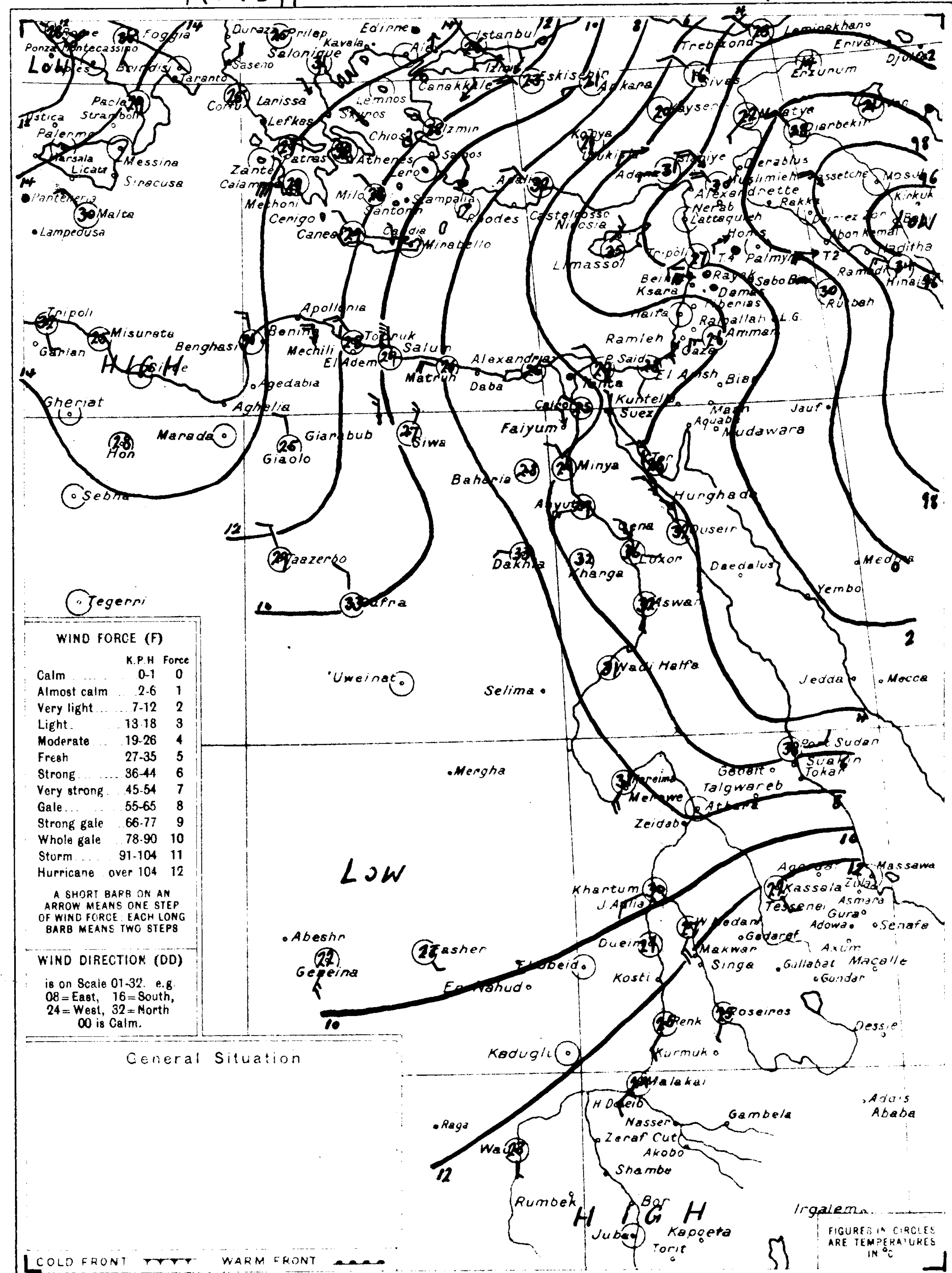
٣٩-٧-٢٢ Isobars, Wind and Temperature at 8 h. 22-7-39.



SCALE 1 : 15 000 000 Kms

At 8 h. on 22nd ٢٢ الساعة ٨ يوم	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	Max. Yesterday °C	Max. Diff from norm °C	Min. Today °C	Min. Diff from norm °C	% Humidity	Rain Past 24 hrs	Rain Total from Oct 1	Rain Normal from Oct 1
Limassol	00	7	04	3	0	0	—	3.1	-4.0	35	—	—	—	—	—	0	610	464
Haifa	01	—	22	3	—	3	—	3.9	-2.0	29.0	32	+1	25	+3	68	0	659	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 dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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

DAILY WEATHER REPORT

Time of Sunrise 05 08
Time of Sunset 18 54

JULY 1939 يوليو

22nd ٢٢ — SUNDAY 23rd الأحد ٢٣

Station	ww	V	DD	F	W	N	C				ww	V	DD	F	W	N	C	MSL	Diff	Dry	Max	Diff	Min	Diff	RH				No.
	00	8	02	7	0	0	—	8.7	30.0	53	00	6	02	6	0	0	—	7.4	-2.9	30.1	30		23		48	0	182	—	
Matruh	00	7	30	3	0	0	—	7.1	27.9	82	00	7	26	4	0	0	—	7.4	-2.2	27.6	28	0	22	+1	71	0	122	160	
	00	8	28	3	0	0	—	7.1	27.9	87	00	8	26	2	0	0	—	5.9	—	27.0	28		25		89	0	94	—	150
Alexandria	00	9	28	3	0	0	—	6.2	30.2	59	00	9	28	2	0	0	—	5.4	-4.1	26.7	32	+1	25	+2	83	0	166	185	152
											00	8	20	1	0	0	—	4.6	—	28.8	32		23		68	0	70	107	159
Port Said	00	7	30	3	0	0	—	4.7	34.0	55	00	7	28	2	0	0	—	4.3	-3.6	28.5	35	+4	25	+2	70	0	64	81	134
	00	7	30	3	0	0	—	5.3	30.9	66	00	7	20	3	0	0	—	4.4	—	29.2	32		22		79	0	130	93	135
											00	7	24	3	0	0	—	5.5	-3.3	29.2	35	+2	21	+2	75	0	29	103	136
											00	8	24	1	0	0	—	5.0	—	28.5	37	+2	21	+1	65	0	46	55	137
	00	8	04	1	0	0	—	5.6	37.0	43	00	8	00	0	0	0	—	5.4	-3.9	28.4	38	+2	19	-1	79	0	41	43	138
	00	8	30	1	1	0	—	4.4	37.4	33	00	8	20	1	0	0	—	5.8	—	29.9	37	+2	19	0	59	0	31	29	139
	00	8	30	3	0	0	—	5.6	37.2	31	05	7	00	0	0	0	—	6.4	—	25.8	38		22		76	0	18	—	141
	00	7	32	4	0	0	—	4.3	37.5	23	00	6	26	1	0	0	—	5.3	-3.7	27.8	39	+4	23	+2	71	0	23	28	
Giza	00	7	32	4	0	0	—	4.3	36.1	25	00	7	00	0	0	0	—	5.5	-4.1	25.7	37	+2	21	+1	80	0	23	28	
Helwan	00	7	26	5	0	0	—	3.9	35.9	17	05	5	00	0	0	0	—	5.5	-3.6	25.2	38	+3	22	+1	74	0	26	29	143
Suez	00	9	30	2	0	0	—	3.4	36.3	34	00	7	32	2	0	0	—	4.8	-3.6	26.3	38	+2	23	0	80	0	27	18	144
Fayum	00	8	32	2	0	0	—	4.6	38.5	20	00	8	32	2	0	0	—	5.6	-3.6	27.5	39	+2	23	+2	68	0	7	8	153
Minya	00	9	28	1	0	0	—	4.6	38.0	27	00	6	32	1	0	0	—	6.2	-2.1	27.0	39	+2	22	+1	64	0	4	—	154
Asyut	00	7	22	3	0	0	—	3.8	38.0	19	00	5	22	3	0	0	—	6.2	-1.9	28.3	39	+2	23	0	54	0	2	4	155
Qena	00	8	26	2	0	0	—	2.4	40.3	26	00	8	22	1	0	0	—	3.9	-2.4	31.4	42	+1	25	+1	40	0	dr	—	156
Luxor	00	8	30	1	0	0	—	3.5	41.2	—	00	8	32	1	0	0	—	4.0	—	33.8	43	—	24	—	40	0	dr	—	157
Aswan	00	7	26	2	0	0	—	1.3	40.7	20	00	7	00	0	0	0	—	3.6	-3.6	32.5	42	0	28	+2	34	0	1	—	158
Siwa	00	8	04	2	0	0	—	8.0	39.1	45	00	8	28	2	0	0	—	8.2	-2.6	28.0	41	+3	21	0	90	0	7	8	148
Bahariya	00	9	00	0	0	0	—	5.3	39.0	17	00	9	00	0	0	0	—	6.4	—	29.0	40	—	21	—	46	0	1	—	149
Kharga	00	8	04	1	0	0	—	3.5	41.3	31	00	8	00	0	0	0	—	4.4	-3.4	31.5	42	+2	25	+2	42	0	dr	tr	151
Dakhla	00	7	30	2	0	0	—	5.3	39.6	16	00	8	26	2	0	0	—	7.6	-1.1	32.0	41	+1	26	+3	30	0	dr	—	152
Tor	00	6	28	4	0	0	—	1.5	34.0	56	00	6	28	5	0	0	—	3.4	-2.6	27.7	37	+3	27	+3	90	0	20	13	145
Hurghada	00	9	02	3	0	0	—	2.8	34.0	43	00	9	30	2	0	0	—	4.0	-2.4	32.6	36	+1	26	+1	39	0	1	—	146
Qoseir	00	7	02	2	0	0	—	3.6	31.0	68	00	7	32	2	0	0	—	3.6	-2.3	32.6	34	0	26	-1	47	0	tr	6	147
Port Sudan	02	—	06	2	0	4	—	6	—	—	00	—	20	4	0	0	—	5.9	+0.8	35.5	43	+2	30	+2	41	0	81	115	169
Wadi Halfa	00	9	22	4	0	0		2.8	42	9	01	8	14	3	0	1	Cs	4.8	-3.0	36.5	43	+2	23	-1	10	—	—	—	165
Kareima	02	8	28	2	1	5	Cb	3.7	41	18	05	7	20	3	1	2	Ac,Cu	8.4	+0.3	29.7	41	-1	26	-1	46	0	3	10	166
Atbara	02	—	16	4	0	4	—	5	34	25	00	—	16	2	0	0	—	10.0	+2.0	28.0	38	-2	21	-5	51	17	24	27	167
Khartoum	02	7	20	4	1	5	Cu	4.6	35	36	25	8	20	3	1	5	Ac	7.9	-2.1	28.0	37	-1	23	-2	63	5	29	51	168
Kassala											01	8	16	3	1	4	Ac	9.1	-2.3	27.0	30	-4	24	+1	63	2	91	127	170
Wad Medani											02	—	18	5	1	4	—	9.5	-1.1	26.0	33	-3	23	+1	72	2	185	149	171
	02	—	—	4	0	4	—	8	33	35	03	—	—	4	1	7	—	8.8	-1.9	27.4	34	-2	24	+1	64	0	143	116	173
	02	7	18	2	1	5	Cu	8.2	31	53																			182
Roseires											00	—	14	1	5	0	—	11.6	-0.4	24.4	32	0	21	0	76	2	236	358	172
El Obeid	03	8	16	3	1	6	Ac	7.3	30	53	01	8	20	3	9	4	Cu,Ac	9.6	-2.4	23.1	31	-3	22	0	63	tr	175	130	174
El Fasher	02	—	14	1	1	4	—	—	32	45	03	8	18	1	8	7	Cu,Sc	—	—	22.5	35	0	22	+1	92	2	130	110	175
Geneina	02	8	24	3	3	5	Cb	—	31	22	03	8	24	4	2	6	Cu,Sc	—	—	23.0	33	—	18	—	91	21	141	—	179
Kadugli											02	6	20	5	1	5	—	11.0	—	25	32	—	23	—	84	0	—	—	187
Malakal											03	8	16	3	1	6	St	11.6	-1.2	24.4	31	0	22	+1	86	dr	467	491	176
Wau	02	—	20	3	1	4	—	9	29	55	03	—	20	1	1	7	—	10.7	-0.8	23.5	29	-3	21	+1	87	0	630	686	177
Juba																												650	178

Upper Winds are in the Code RHDDVV where HH is Height 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	Dabaa	Cairo	Helwan	Asyut	Aswan	Wadi Halfa	Kareima	Khartoum	Kassala	El Obeid	Malakal	Juba	R.SBIDAR
7	8			8	7	7	4	5	7		7	7		7
02.31.25	02.31.15			02.29.05	02.31.20	02.35.10	06.36.20	06.20.45	06.18.40		07.28.20	06.17.30		02.30.15
05.34.20	05.35.20			05.04.15	05.02.30	05.35.40	10.32.20	10.21.30	10.21.55		10.26.15	10.21.40		05.33.20
10.36.35	10.02.15			08.03.35	10.02.40	10.33.20	15.32.20	15.25.20	15.21.55		15.22.30	15.23.40		10.35.10
15.02.25	15.01.25			10.03.25	15.36.20	15.29.25	20.30.10	20.22.25	20.18.20		19.20.35	20.25.25		15.02.10
	19.01.30			15.03.25	20.33.20		30.34.10	30.22.20	30.07.35			30.24.25		20.03.20
				20.03.45	30.30.40			40.23.20	40.05.35			40.20.25		
				23.02.30					50.09.15					
				25.01.40					60.17.15					
				27.35.30					66.06.05					

Forecast for 24 hours from noon on

Station	Mean of day Humidity on 22nd	Diff. from normal	Wet bulb temp. °C on 22nd	Diff. from normal
Alexandria	78	+5	24.8	+2.4
Ezbekiya	57	-3	23.3	+0.6
Giza	62	+1	22.3	+0.4
Helwan	55	+7	21.3	+1.5

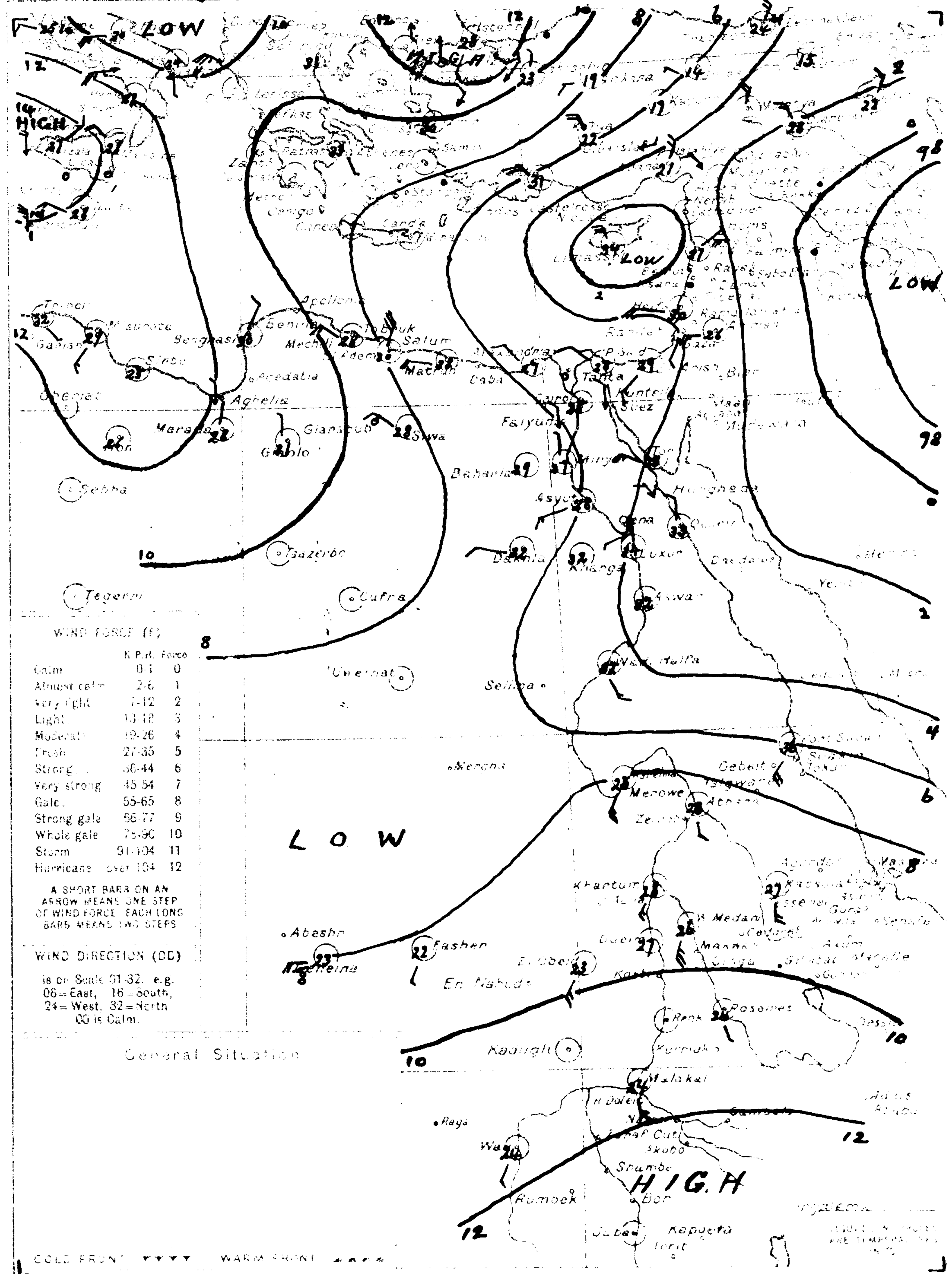
Giza Grass minimum 23rd 16.4 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
23-7	1795	1852
22-7	1795	1735

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	22-7	13.48	-0.13	13.50	-0.11
Nasser	22-7	9.41	+0.13	9.39	+0.18
Malakal	23-7	11.68	+0.23	11.67	+0.28
Roseires	22-7	16.66	-0.16	16.65	-0.01
Sennar Res.	22-7	17.20	—	17.19	—
J. Aulia U.S.	22-7	375.27	—	375.12	—
J. Aulia D.S.	22-7	372.24	-0.62	372.13	-0.65
Khartum	22-7	12.88	-0.20	12.84	-0.16
Khashm el Girba	22-7	13.37	+0.20	13.04	0.00
Atbara	23-7	11.92	-0.37	11.86	-0.34
Kajnarti	22-7	134.75	-0.58	134.54	-0.57
Aswan Res.	23-7	105.28	—	105.35	—
Aswan D.S.	23-7	87.15	-0.23	87.15	-0.16
Roda (Cairo)	23-7	15.95	+0.19	15.95	+0.21

Isobars, Wind and Temperature at 8 h. 23-7-39 ٢٩-٧-٣٩



Station	At 8 h. on 23rd Present weather ww	Visibility V	Wind DD	Wind Force F	Past weather W	Cloud Amount	Cloud Form	Bar. pressure M.S.L.	Diff. from normal	Temp. Dry bulb	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity	Rainfall		
Limassol	00	7	30	3	0	0	—	1.9	-5.2	34	—	—	—	—	—	0	610	464
Haifa	00	—	26	4	—	0	—	8.2	-2.7	29.5	32	+1	25	+3	64	0	559	647

Wadi Halfa pressure at 8h on 22-7-39 is 5.3 and not 6.3.

HOURS ARE EGYPTIAN STANDARD TIME WHICH ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CLOUD FORM (C)

CAIRO
Time of Sunrise h 05 m 09
" " Sunset 18 54

Month **JULY** 1939 ١٩٣٩ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C

At 14 h. on 23rd — الساعة ١٤ يوم ٢٣

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU
SALUM	00	8	02	6	0	0	—	8.0	30.1	58
MATRUH	00	7	30	3	0	0	—	5.9	27.9	84
DIKHEILA	00	8	26	3	0	0	—	5.6	27.5	95
ALEXANDRIA	00	9	28	3	0	0	—	5.3	29.1	75
DAMIETTA										
PORT SAID	00	7	30	3	0	0	—	3.8	34.5	59
EL ARISH	00	7	30	3	0	0	—	3.5	30.8	82
DAMANHUR										
MANSURA										
TANTA	00	8	00	0	0	0	—	4.2	37.8	40
ZAGAZIG	00	8	20	1	0	0	—	4.3	37.9	30
CAIRO ALMAZA	00	8	32	1	0	0	—	5.1	34.2	34
CAIRO EZBEKIYA	00	8	02	3	0	0	—	4.2	37.7	25
CAIRO GIZA	00	8	02	3	0	0	—	3.9	36.7	24
HELWAN	00	7	26	4	0	0	—	3.6	35.8	19
SUEZ	00	9	02	2	0	0	—	3.5	35.7	32
FAIYUM	00	8	30	2	0	0	—	4.0	36.0	21
MINYA	00	8	28	3	0	0	—	4.2	36.2	30
ASYUT	00	7	26	3	0	0	—	4.2	36.0	25
QENA	00	8	22	4	0	0	—	2.7	39.9	23
LUXOR	00	8	26	2	0	0	—	4.3	39.8	19
ASWAN	00	7	26	2	0	0	—	1.9	40.4	22
SIWA	00	8	28	1	0	0	—	6.4	38.1	44
BAHARIYA	00	9	00	0	0	0	—	5.4	37.0	22
KHARGA	00	8	28	1	0	0	—	2.8	40.6	40
DAKHLA	00	8	30	3	0	0	—	4.7	39.5	17
TOR	00	6	28	3	0	0	—	1.9	33.3	68
HURGHADA	00	9	02	3	0	0	—	3.2	34.0	39
QUSEIR	00	7	02	2	0	0	—	3.0	30.3	75
PORT SUDAN	40	—	24	3	3	—	—	3.0	42	25
WADI HALFA	01	8	23	5	0	1	Cu	2.7	42	12
KAREIMA	01	7	02	2	1	4	Cu	4.7	39	29
ATBARA	03	—	20	2	0	7	—	5.0	37	25
KHARTUM										
KASSALA	81	8	20	3	1	7	Cu	6.0	30	—
WAD MEDANI	03	—	22	4	6	8	—	6.0	30	45
DUEIM	03		—	4	1	6	—	7.0	34	35
RENK										
ROSEIRES	50	—	10	1	7	8	—	7.0	26	85
EL OBEID	02	8	18	4	1	5	Cu	5.5	31	58
EL FASHER										
GENEINA	01	8	00	0	1	3	Cu	—	30	—
KADUGLI										
MALAKAL	03	8	22	4	1	6	Cu	7.4	31	53
WAU	09	—	16	3	1	—	—	7.0	31	—
JUBA										

At 8 h. on MONDAY 24th — الساعة ٨ يوم الاثنين ٢٤

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	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	00	8	30	5	0	0	—	9.1	-1.2	27.8	31	—	23	—	71	0	182	—	130
MATRUH	00	7	26	4	0	0	—	8.2	-1.4	27.6	29	+1	22	+1	75	0	122	160	131
DIKHEILA	01	8	26	2	0	1	Sc	8.4	—	26.4	28	—	26	—	89	0	94	—	150
ALEXANDRIA	00	9	28	1	0	0	—	7.9	-1.6	26.8	31	0	25	+2	75	0	166	185	132
DAMIETTA	01	8	32	1	0	2	Cc	7.2	—	28.0	34	—	24	—	78	0	70	107	159
PORT SAID	01	7	28	2	1	3	Ac	6.8	-1.1	28.5	37	+6	25	+2	76	0	64	81	134
EL ARISH	00	7	00	0	0	0	—	7.0	—	28.8	32	—	24	—	83	0	130	93	135
DAMANHUR	00	7	24	2	0	0	—	7.9	-0.9	28.0	36	+3	21	+2	71	0	29	103	136
MANSURA	00	8	32	1	0	0	—	7.4	—	27.0	37	+2	21	+1	88	0	46	55	137
TANTA	00	8	00	0	0	0	—	8.2	-1.1	25.9	38	+2	19	-1	86	0	41	43	138
ZAGAZIG	00	8	28	1	0	0	—	8.0	—	28.8	38	+3	19	0	71	0	31	29	139
CAIRO ALMAZA	05	6	00	0	0	2	Sc	8.3	—	26.1	38	—	23	—	80	0	18	—	141
CAIRO EZBEKIYA	00	6	26	2	0	0	—	7.6	-1.4	27.0	39	+4	23	+2	77	0	23	28	—
CAIRO GIZA	01	6	30	3	1	3	St	7.8	-1.8	25.4	37	+2	21	+1	89	0	23	28	—
HELWAN	05	6	28	2	0	0	—	7.8	-1.2	26.6	37	+2	22	+1	60	0	26	29	143
SUEZ	00	7	04	3	0	0	—	7.0	-1.4	27.1	37	+1	23	0	86	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	7.0	-2.2	29.6	39	+2	23	+2	54	0	7	8	153
MINYA	00	7	02	1	0	0	—	6.0	-2.3	29.0	37	0	23	+2	37	0	4	—	154
ASYUT	00	6	12	2	0	0	—	6.3	-1.8	30.0	38	+1	23	0	38	0	2	4	155
QENA	00	8	26	2	0	0	—	6.0	-0.3	30.7	41	0	23	-1	39	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	6.3	—	32.2	41	—	22	—	41	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	6.0	-1.2	31.1	42	0	27	+1	35	0	1	—	158
SIWA	00	8	00	0	0	0	—	9.9	-0.9	28.0	43	+5	21	0	77	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	7.8	—	29.0	—	—	24	—	55	0	1	—	149
KHARGA	00	8	00	0	0	0	—	6.4	-1.4	32.3	42	+2	24	+2	37	0	dr	tr	151
DAKHLA	00	8	26	1	0	0	—	8.2	-0.5	29.0	42	+2	23	0	25	0	dr	—	152
TOR	00	6	24	1	0	0	—	5.6	-0.4	30.0	—	—	22	-2	68	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	5.9	-0.5	30.6	35	0	28	+3	51	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	6.0	+0.1	31.7	33	-1	24	-3	49	0	tr	6	147
PORT SUDAN	00	—	08	2	2	0	—	6.4	+1.3	37.5	43	+2	32	+4	38	dr	81	116	169
WADI HALFA	00	8	28	2	0	0	—	6.0	-1.8	30.9	43	+2	23	-1	27	—	—	—	165
KAREIMA	05	7	18	5	1	4	Ac	8.3	+0.2	31.8	41	-1	29	+2	48	0	3	11	166
ATBARA	01	—	16	3	6	4	—	9.3	+1.2	29.0	37	-3	25	-1	54	2	26	28	167
KHARTUM	03	8	18	4	8	6	AcAs	8.7	-0.3	26.8	37	-1	25	0	63	dr	29	52	168
KASSALA	02	8	14	2	1	5	Ac	10.4	-1.0	25.9	30	-4	23	0	65	dr	91	130	170
WAD MEDANI	01	—	16	4	1	4	—	9.9	-0.7	24.6	34	-2	21	-1	83	37	222	153	171
DUEIM	01	—	—	3	6	4	—	9.9	-0.8	25.6	36	0	22	-1	81	21	164	119	173
RENK									—			—		—				—	182
ROSEIRES	00	—	08	1	5	0	—	11.5	-0.5	25.7	26	-6	22	+1	77	1	237	364	172
EL OBEID	01	8	16	3	0	4	Ac	9.6	-2.4	24.4	32	-2	23	+1	75	0	175	133	174
EL FASHER	03	8	00	0	2	6	Sc	—	—	24.4	31	-3	22	+1	76	3	133	113	175
GENEINA																		—	179
KADUGLI																	—	—	187
MALAKAL	03	8	20	3	5	6	AcAs	11.9	-0.9	23.2	32	+1	21	0	88	22	489	497	176
WAU	03	—	20	2	6	7	—	10.8	-0.7	22.0	31	-1	20	0	89	7	637	693	177
JUBA	03	8	04	1	6	7	Cu	14.8	+2.0	21.3	36	-1	19	-1	99	7	750	654	178

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

UPPER WINDS ON 24th — ٢٤

SALUM	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 3 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	P. Said R.P. 7 h.
	023420	023415	053615	023410	021115	052020	030410	063555	061850		071930	062525		023610
	053635	050215	103315	050115	050620	101620	060320	103640	101940		102130	102435		050105
	103630	103625	152920	083505	100125	150810	103615		151935		151720	152530		100515
	150235	150125	203425	103310	153530	200315	153320		201420		201335	202315		110615
		203640		153020	203430		202305		250630		301715	302110		
		233540	TAIL	203130			302415		300640		340710	372005		
				233120			352515		400735					
				253125					500635					
				303515					600720					
				353535					660715					

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	80	+7	24.9	+2.5
Ezbekiya	54	-6	23.4	+0.7
Giza	57	-5	22.5	+0.3
Helwan	49	+1	21.2	+1.4

Giza Grass minimum on 24th 16.8°C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
24-7	1794	1914
23-7	1795	1852

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	23-7	13.45	-0.16	13.48	-0.13
Nasser	23-7	9.43	+0.13	9.41	+0.13
Malakal	24-7	11.70	+0.24	11.68	+0.23
Roseires	24-7	16.85	-0.26	16.65	-0.33
Sennar Res	23-7	17.21	—	17.20	—
J. Aulia U.S	23-7	375.35	—	375.27	—
J. Aulia D.S	23-7	372.30	-0.64	372.24	-0.62
Khartum	23-7	12.92	-0.25	12.88	-0.20
Kh. el Girba	23-7	13.40	+0.18	13.37	+0.24
Atbara	23-7	11.92	-0.37	11.86	-0.34
Kajnarti	24-7	134.99	-0.63	134.94	-0.59
Aswan Res	24-7	105.28	—	105.28	—
Aswan D.S	24-7	87.15	-0.27	87.15	-0.23
Roda (Cairo)	23-7	15.95	+0.19	15.95	+0.21

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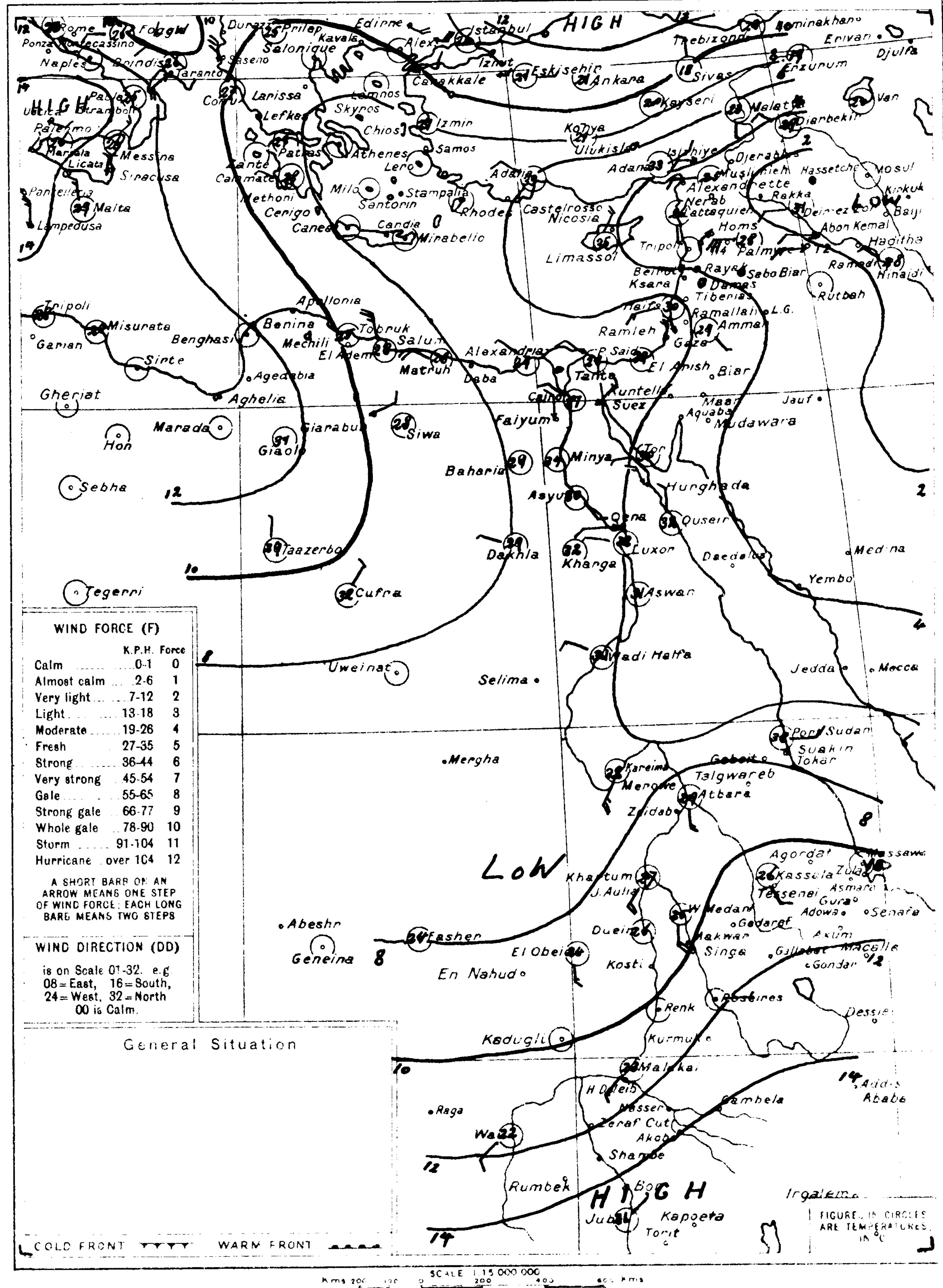
Isobars, Wind and Temperature at 8 h. 24-7-39 — ٢٤-٧-٣٩



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. M.S.L. 1000+ mbs PPP	Diff. from normal in bs	Dry Bulb °C TTT	Max. Yesterday °C MM	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	00	7	02	3	0	0	—	5.0	-2.2	35	—	—	—	—	—	0	610	464
Halfa	00	—	22	3	—	0	—	7.0	+1.1	30.2	31	0	34	+4	59	0	559	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	26
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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 09 (h m)
Sunset 18 53

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JULY 1939 — يوليو ١٩٣٩

At 14 h. on 24th — ٢٤ يوليو | At 8 h. on TUESDAY 25th — الثلاثاء ٢٥

STATION	24th 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. TTT	% Humidity UU	25th 8h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Diff. from normal	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	8	02	5	0	●	—	9.3	30.2	67	00	7	30	5	0	0	—	10.4	+0.1	26.2	33	—	23	—	87	0	182	—	130
MATRUH	00	7	26	4	0	0	—	7.9	28.1	80	02	7	28	3	2	5	Cu	9.9	+0.3	26.8	29	+1	22	+1	83	0	122	160	131
DIKHEILA	00	8	30	3	●	0	—	8.4	28.2	82	05	7	26	2	1	3	St	10.0	—	26.2	29	—	21	—	90	0	94	—	150
ALEXANDRIA	00	9	32	1	0	0	—	7.8	30.3	46	02	9	28	1	1	4	Ac	9.6	+0.1	26.0	33	+2	24	+1	85	0	166	185	132
DAMIETTA											04	7	00	0	0	0	—	9.1	—	30.0	33	—	22	—	71	0	70	107	159
PORT SAID	00	7	30	3	1	0	—	6.8	31.9	61	00	7	28	2	0	0	—	8.7	+0.8	28.8	33	+2	24	+1	76	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	6.8	31.1	76	00	7	00	0	0	0	—	9.0	—	30.2	31	—	20	—	75	0	130	93	135
DAMANHUR											40	2	20	1	4	9	—	9.6	+0.8	24.8	36	+3	21	+2	92	0	29	103	136
MANSURA											00	8	20	1	0	0	—	9.5	—	27.6	37	+2	20	0	68	0	46	55	137
TANTA	00	8	04	1	0	0	—	6.8	35.8	48	00	8	00	0	0	0	—	9.6	+0.3	28.2	36	0	18	-2	65	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	7.0	35.4	41	00	8	30	1	0	0	—	9.6	—	29.5	35	0	19	0	67	0	31	29	139
CAIRO ALMAZA	00	8	28	1	0	0	—	7.2	36.0	33	05	7	28	1	0	0	—	9.4	—	27.0	37	—	22	—	68	0	18	—	141
CAIRO EZBEKIYA	00	7	32	2	●	●	—	6.4	36.0	29	05	6	02	2	0	0	—	8.7	-0.3	27.7	38	+3	23	+2	67	0	23	28	—
CAIRO GIZA	00	7	32	2	0	0	—	5.9	35.5	21	00	6	00	0	0	0	—	9.4	-0.2	25.9	36	+1	19	-1	79	0	23	28	—
HELWAN	00	7	26	3	●	0	—	6.0	35.1	16	05	5	28	2	0	0	—	8.7	-0.3	29.1	36	+1	22	+1	36	0	26	29	143
SUEZ	00	9	02	2	0	0	—	5.5	35.0	46	00	8	30	1	0	0	—	8.6	+0.2	30.2	37	+1	24	+1	31	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	6.0	36.5	16	00	8	32	2	0	0	—	8.3	-0.9	28.5	39	+2	20	-1	53	0	7	8	153
MINYA	00	8	30	3	0	0	—	6.0	38.5	30	00	7	32	2	0	0	—	8.0	-0.3	28.0	38	+1	21	0	63	0	4	—	154
ASYUT	00	7	22	3	0	0	—	5.1	38.0	23	00	6	26	2	0	0	—	7.5	-0.6	29.0	40	+3	22	-1	46	0	2	4	155
QENA	00	8	22	1	0	0	—	4.4	39.7	27	00	7	26	2	0	0	—	6.6	+0.3	31.2	41	0	24	0	43	0	dr	—	156
LUXOR	00	8	18	1	0	0	—	4.7	40.7	—	00	8	10	1	0	0	—	6.6	—	34.2	43	—	23	—	31	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	3.5	42.2	08	00	7	00	0	0	0	—	5.9	-1.3	33.1	43	+1	28	+2	26	0	1	—	158
SIWA	00	8	02	1	0	0	—	7.8	40.4	40	00	8	00	0	0	0	—	10.8	+0.1	29.5	42	+4	22	+1	55	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	6.6	38.0	16	00	9	00	0	0	0	—	9.1	—	28.0	39	—	23	—	44	0	1	—	149
KHARGA	00	8	04	1	0	0	—	3.1	41.8	30	00	8	32	2	0	0	—	7.0	-0.8	33.2	42	+2	25	+3	39	0	dr	tr	151
DAKHLA	00	8	26	3	0	0	—	6.6	40.0	16	00	7	26	1	0	0	—	8.6	-0.2	33.0	42	+2	26	+3	30	0	dr	—	152
RED SEA TOR	00	6	24	2	0	0	—	4.0	33.0	55	00	6	24	2	0	0	—	6.4	+0.4	29.2	35	+1	22	-2	73	0	20	13	145
HURGHADA	00	9	06	2	0	0	—	5.0	34.2	40	00	9	30	3	0	0	—	6.8	+0.4	30.4	36	+1	23	-2	48	0	1	—	146
QUSEIR	00	7	10	2	0	0	—	5.0	33.3	64	00	7	32	2	0	0	—	6.3	+0.4	31.4	34	0	25	-2	54	0	tr	6	147
PORT SUDAN	03	—	28	5	—	7	—	5	41	25	40	—	20	4	2	9	—	5.8	+0.7	39.4	42	+1	30	+2	29	dr	81	116	169
NORTH SUDAN WADI HALFA											01	9	14	2	0	1	Cc	6.3	-1.5	31.3	44	+3	25	+1	22	—	—	—	165
KAREIMA	02	8	20	1	2	5	Cu	5.1	40	22	05	7	20	2	1	3	Ac	8.0	-0.1	32.8	42	0	28	+1	44	0	3	11	166
ATBARA	02	—	18	2	0	4	—	5	37	25	00	—	20	3	0	0	—	7.8	-0.3	32.2	38	-2	28	+2	42	0	26	29	167
KHARTUM	01	8	20	3	1	4	Cu,Ac	5.0	36	38	01	9	20	3	1	3	Ac,Ci	8.2	-0.8	30.0	37	-1	26	+1	53	dr	29	54	168
KASSALA											01	8	14	3	1	4	St	9.5	+2.0	28.0	35	+1	26	+3	57	dr	91	133	170
CENTRAL SUDAN WAD MEDANI	02	—	30	2	0	4	—	5	33	45	00	—	18	5	0	0	—	10.3	-0.3	26.0	34	-2	22	0	80	13	235	157	171
DUEIM	02	—	—	3	1	4	—	8	34	45	00	—	—	3	0	0	—	9.8	-1.0	27.0	35	0	23	0	72	2	166	122	173
RENK	02	7	18	2	1	5	—	7.6	33	44	01	8	14	2	1	4	Cu,Sc	12.4	—	26	33	—	22	—	69	0	—	—	182
ROSEIRES	01	—	02	1	0	3	—	8	32	35	50	—	14	1	1	—	—	12.7	+0.7	22.9	34	+2	21	0	89	1	238	370	172
EL OBEID	03	8	16	3	1	8	Cu	6.0	32	49	02	8	16	3	0	5	Ac	9.1	-2.9	25.2	33	-1	24	+2	84	dr	175	136	174
EL FASHER											02	8	00	0	1	5	St	—	—	24.5	34	0	23	+2	76	dr	133	117	175
GENEINA											01	8	00	0	2	4	Ac	—	—	21.2	31	—	19	—	91	2	191	—	179
KADUGLI	02	7	16	5	2	4	—	8.0	31	—	08	7	04	5	5	2	—	10.2	—	21	31	—	20	—	100	2	—	—	187
S. SUDAN MALAKAL	03	8	20	3	1	6	Cu,As	—	29	63	03	8	12	3	1	7	Ac,As	12.7	-0.1	22.8	30	-1	22	+1	91	1	490	504	176
WAU	03	—	20	2	2	7	—	9	27	65	03	—	16	1	1	7	—	10.8	+0.7	22.3	29	-3	20	0	88	0	637	699	177
JUBA	02	8	30	3	2	—	Cu	10.9	28	63	03	8	00	0	1	6	St	13.6	+0.8	22.6	28	-3	21	+1	91	0	750	659	178

UPPER WINDS ON 25th — ٢٥ يوليو

Upper Winds are in the Code HHDDVV where HH is Height 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	P.SAID
h m	7 h m	8 h m	8 h m	8 h 30 m	7 h m	7 h m	4 h m	6 h m	7 h m	h m	7 h m	8 h m	h m	7 h m
	Ent.Cu.	02.30.05	02.06.15	02.02.10	02.30.10	02.36.15	04.04.20	06.20.35	06.21.25		07.19.30	06.15.25		02.31.25
		04.32.05	05.06.30	05.06.20	05.34.25	05.01.25	06.03.35	10.20.30	10.21.45		10.20.40	10.18.30		04.05.20
		05.03.05	10.05.30	08.06.55	10.31.20	10.02.20	10.02.30	15.18.15	15.21.30		15.19.25	15.19.25		05.04.20
		08.01.10	15.06.25	10.06.60	15.33.35	15.34.10	15.36.25	20.05.05	20.16.15		20.15.15	20.22.15		10.02.25
		10.06.05	20.05.30	15.05.35	20.33.20	20.25.20	20.33.15	25.04.10	25.11.15		30.10.15	30.21.05		15.03.20
		15.07.05		20.05.25	25.34.05		30.32.10	30.04.20	30.28.05		40.10.15	40.10.05		17.02.15
		20.03.20		23.05.35			36.36.10	40.03.25	40.07.25		50.05.05	50.18.15		
		25.03.40		25.04.35				50.17.10	50.06.40		53.06.10			
		30.02.20		30.01.15				60.07.20	60.05.35					
		35.03.20						70.11.35	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 24th	Diff. from normal	Wet Bulb Temp °C on 24th	Diff. from normal
Alexandria	70	-3	23.0	+0.6
Ezbekiya	55	-5	23.1	+0.4
Giza	61	-1	22.1	+0.1
Helwan	41	-7	20.3	+0.4

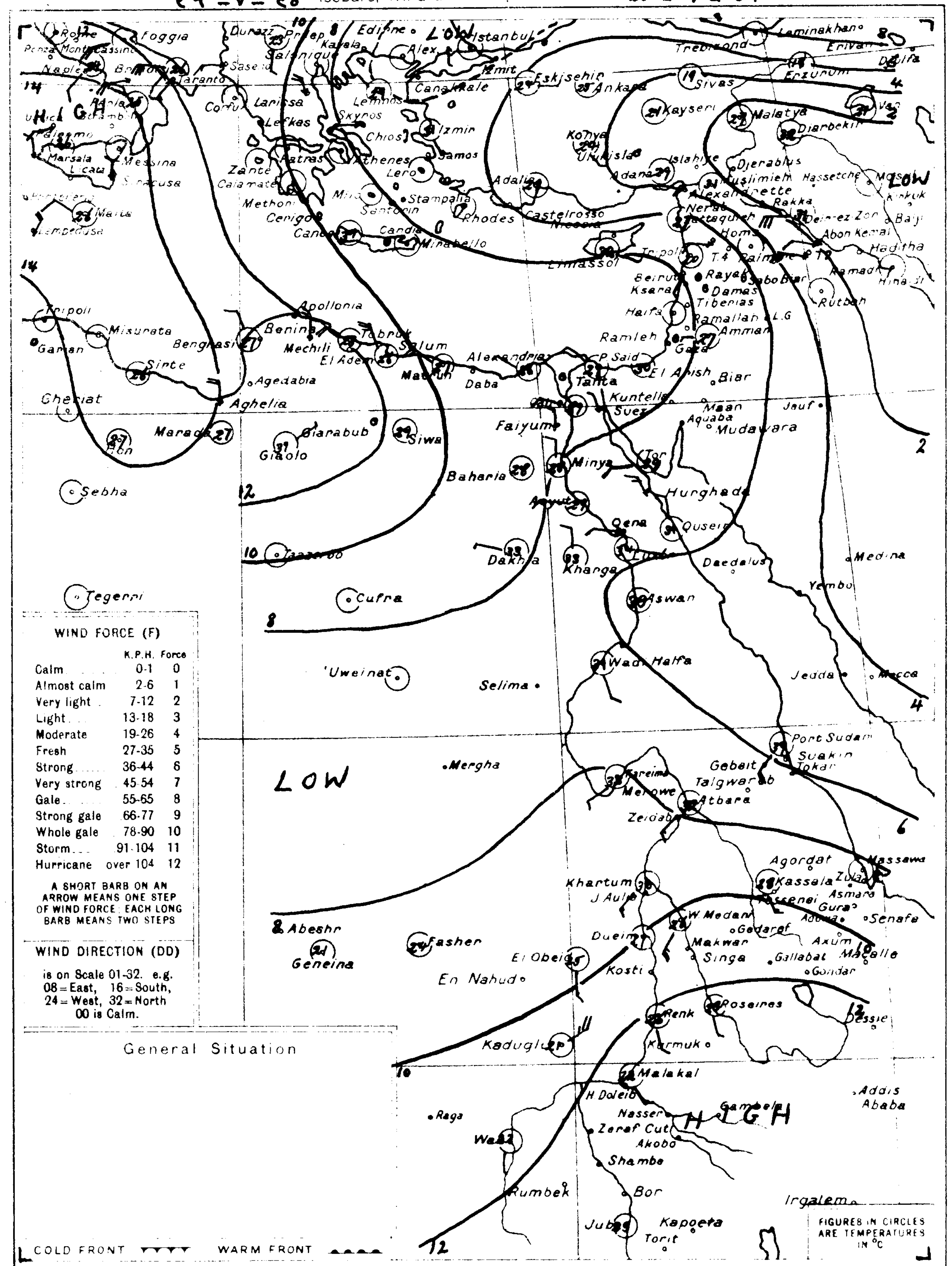
Giza Grass minimum on 25th 16.5 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
25-7	1794	1981
24-7	1794	1914

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	25-7	12.39	-0.23	13.39	-0.23
Nasser	24-7	9.45	+0.13	9.43	+0.13
Malakal	25-7	11.71	+0.24	11.70	+0.24
Roseires	24-7	16.85	-0.26	16.65	-0.33
Sennar Res	24-7	17.21	—	17.21	—
J. Aulia U.S	25-7	375.54	—	375.43	—
J. Aulia D.S	25-7	372.40	-0.72	372.32	-0.71
Khartum	25-7	13.06	-0.28	12.95	-0.29
Kh. el Girba	25-7	12.80	-0.53	12.70	-0.38
Atbara	25-7	12.36	-0.17	12.15	-0.26
Kajnarti	24-7	134.99	-0.63	134.94	-0.59
Aswan Res.	25-7	105.31	—	105.26	—
Aswan D.S.	25-7	87.16	-0.34	87.15	-0.27
Roda (Cairo)	25-7	15.97	+0.16	15.95	+0.17

٢٩ - ٧ - ٣٩ Isobars, Wind and Temperature at 8 h 25 - 7 - 39



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

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	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	10	1	0	0	—	7.6	+0.4	32	—	—	—	—	—	0	610	464
Haifa	00	—	26	4	—	0	—	8.7	+2.8	29.8	33	+2	25	+3	66	0	659	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	15
Rain in past hour	20-23
Slight Thunderstorm	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in past hour	41
Thick	42
Fog in patches	49
Drizzle	50-53
Rain	60-63
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-73
Showers	80-83
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 5 h 10 m
" " Sunset 18 h 53 m

Month **JULY** 1939 ١٩٣٩ شهر يولية

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h. on 25th (الساعة ١٤ يوم ٢٥) Present Weather ww	Visibility V	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	At 8 h. on WEDNESDAY 26th (الساعة ٨ يوم الاربعاء ٢٦) Present Weather ww	Visibility V	Wind Dir DD	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	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	00	8	02	6	0	0	—	10.7	30.1	70	00	8	30	5	0	0	—	11.0	+0.7	27.6	32	—	23	—	65	0	182	—	130
MATRUH	01	7	28	4	0	1	Cu	9.9	27.6	88	02	7	24	4	1	4	Cu	10.2	+0.6	25.4	28	0	22	+1	90	0	122	160	131
DIKHEILA	00	9	29	3	0	0	—	10.0	27.7	90	00	8	25	3	0	0	—	9.6	—	28.4	28	—	25	—	80	0	94	—	150
ALEXANDRIA	00	9	32	2	0	0	—	9.6	30.0	74	00	9	28	2	0	0	—	9.1	-0.4	27.4	32	+1	25	+2	79	0	166	185	132
DAMIETTA											04	7	20	2	4	0	—	8.4	—	28.2	35	—	21	—	82	0	70	107	159
PORT SAID	00	7	30	3	0	0	—	8.7	34.0	45	00	7	20	3	0	0	—	8.0	+0.1	27.5	35	+4	24	+1	84	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	8.2	30.2	76	00	7	00	0	0	0	—	8.4	—	30.0	31	—	20	—	65	0	130	93	135
DAMANHUR											00	7	26	2	0	0	—	9.3	+0.5	27.8	37	+4	20	+1	80	0	29	103	136
MANSURA											40	4	20	2	0	0	—	9.3	—	24.0	38	+3	19	-1	92	0	46	55	137
TANTA	00	8	00	0	0	0	—	8.2	35.4	44	03	8	20	1	2	8	Cu	9.5	+0.2	24.8	36	0	18	-2	95	0	41	43	138
ZAGAZIG	00	8	30	3	0	0	—	10.2	36.4	32	00	8	28	3	0	0	—	9.1	—	29.9	37	+2	18	-1	70	0	31	29	139
CAIRO ALMAZA	00	8	02	3	0	0	—	8.8	36.6	20	05	6	00	0	0	0	—	9.6	—	26.0	37	—	21	—	59	0	18	—	141
CAIRO EZBEKIYA	00	8	02	3	0	0	—	7.9	37.7	25	05	6	30	1	0	0	—	9.4	+0.4	28.0	38	+3	22	+1	60	0	23	28	
CAIRO GIZA	00	8	02	3	0	0	—	7.5	36.6	25	00	6	02	1	0	0	—	9.3	-0.3	25.3	37	+2	17	-3	77	0	23	28	
HELWAN	00	8	32	4	0	0	—	7.4	37.0	12	00	6	02	2	0	0	—	9.1	+0.1	30.4	38	+3	22	+1	21	0	26	29	143
SUEZ	00	9	04	4	0	0	—	7.2	37.0	19	00	8	32	2	0	0	—	8.4	-0.1	30.0	37	+1	20	-3	47	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	7.0	38.0	19	00	8	32	2	0	0	—	8.6	-0.6	28.0	39	+3	20	-1	51	0	7	8	153
MINYA	00	6	24	4	0	0	—	5.5	37.0	27	00	8	32	2	0	0	—	7.9	-0.4	27.0	37	0	22	+1	52	0	4	—	154
ASYUT	00	7	22	3	0	0	—	6.3	36.8	21	00	7	22	2	0	0	—	7.1	-1.0	29.9	38	+1	21	-2	37	0	2	4	155
QENA	00	8	22	1	0	0	—	4.6	40.7	30	00	7	30	1	0	0	—	6.2	-0.1	30.0	42	+1	24	0	44	0	dr	—	156
LUXOR	00	8	22	1	0	0	—	4.7	41.5	—	00	8	02	1	0	0	—	6.7	—	30.9	43	—	20	—	32	0	dr	—	157
ASWAN	00	7	30	1	0	0	—	5.1	42.2	10	00	7	00	0	0	0	—	5.9	-1.3	31.7	43	+1	27	+1	30	0	1	—	158
SIWA	00	8	00	0	0	0	—	10.0	40.0	55	00	8	00	0	0	0	—	11.9	+1.2	30.0	43	+5	21	0	71	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	7.9	38.0	16	00	9	00	0	0	0	—	9.1	—	28.0	39	—	23	—	51	0	1	—	149
KHARGA	00	8	04	2	0	0	—	5.3	43.2	25	00	8	00	0	0	0	—	6.8	-1.0	30.5	43	+3	25	+3	39	0	dr	tr	151
DAKHLA	00	8	28	3	0	0	—	7.9	39.2	18	00	8	28	2	0	0	—	9.6	+0.8	31.2	42	+2	23	0	32	0	dr	—	152
TOR	00	6	28	3	0	0	—	5.1	34.0	47	00	6	28	3	0	0	—	5.8	-0.2	29.5	35	+1	23	-1	67	0	20	13	145
HURGHADA	00	9	04	1	0	0	—	6.0	34.9	33	00	9	30	4	0	0	—	6.3	-0.1	31.9	36	+1	25	0	33	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	5.8	30.3	—	00	7	32	2	0	0	—	6.4	+0.5	32.0	33	-1	26	-1	49	0	tr	6	147
PORT SUDAN	50	—	12	3	8	8	—	4.0	39	35	01	—	28	3	3	4	—	6.7	+1.6	37.7	43	+2	30	+2	31	dr	81	116	169
WADI HALFA	01	9	30	2	0	2	Cu	4.0	43	11	00	8	00	0	0	0	—	7.1	-0.8	32.7	44	+3	25	+1	21	—	—	—	165
KAREIMA	02	8	22	2	1	5	Cu	5.1	40	25	05	7	16	4	1	4	Ac	9.7	+1.6	30.6	41	-1	28	+1	53	0	3	11	166
ATBARA	02	—	16	2	0	5	—	4.0	36	25	00	—	16	3	6	0	—	9.3	+1.2	29.0	39	-1	24	-2	58	2	28	30	167
KHARTUM	02	8	—	3	1	5	Cu	5.0	37	35	01	8	20	3	1	3	Ac	10.0	+1.0	29.2	37	-1	26	+1	58	0	29	56	168
KASSALA	01	8	14	3	8	4	Cu	6.4	32	43	01	8	16	3	1	4	Ac	9.9	-1.6	27.6	32	-2	25	+2	57	dr	91	137	170
WAD MEDANI	02	—	18	4	1	5	—	8.0	31	55	00	—	18	4	0	0	—	11.8	+0.8	26.8	32	-4	21	-1	69	0	235	160	171
DUEIM	02	—	—	3	0	4	—	9.0	30	65	00	—	—	3	0	0	—	10.8	0.0	28.4	32	-3	23	0	61	0	166	126	173
RENK	02	7	18	2	1	5	Cu	8.9	32	49								—									—	—	182
ROSEIRES	01	—	14	1	1	4	—	10.0	30	55	00	—	14	1	0	0	—	11.9	-0.1	27.2	32	0	21	0	63	0	238	376	172
EL OBEID	03	8	28	2	1	7	Cu	8.3	—	49	25	8	16	2	8	5	Cu	10.5	-1.5	25.4	33	-1	24	-2	84	dr	175	139	174
EL FASHER	51	—	14	3	1	8	—	—	32	45	02	8	00	0	8	5	ScAc	—	—	22.0	33	-1	22	+2	91	18	151	120	175
GENEINA											03	8	24	1	6	7	CuAc	—	—	21.0	33	—	20	—	91	10	201	—	179
KADUGLI	02	7	04	5	5	4	Cu	8.3	39	61																	—	—	187
MALAKAL	08	8	16	2	1	7	Cu	9.5	28	61	03	8	16	3	1	7	AcAs	12.4	-0.4	24.5	30	-1	23	+2	82	4	494	510	176
WAU	01	—	—	3	1	3	—	—	—	55	01	—	20	1	1	4	—	11.1	-0.4	24.2	31	-1	21	+1	80	0	637	705	177
JUBA	02	9	—	—	1	5	Cu	10.8	28	57	02	8	00	0	1	4	Ac	12.5	-0.3	23.4	29	-2	20	0	91	dr	750	663	178

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

26th ٢٦

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P.Said A.P.
h m	7 h	7 h	8 h	8 h 15 m	7 h	7 h	4 h	4 h	7 h	h m	7 h	7 h	h m	7 h
	02 32 35	02 30 20	02 02 15	02 32 10	02 36 10	05 36 20	03 03 20	06 19 55	06 19 35		07 20 25	06 17 30		02 25 10
	05 34 40	05 35 30	05 01 25	05 02 25	05 03 35	10 30 20	06 01 25	10 17 70	10 21 60		10 21 40	10 19 25		05 31 10
	10 33 35	10 02 25	10 05 30	08 06 25	10 01 30	15 27 15	10 35 25	15 17 60	15 19 35		15 22 35	15 20 20		10 33 20
		15 02 25	15 04 40	10 05 30	15 03 25	20 23 15	15 34 20	20 19 15	18 16 20		20 21 15	20 22 20		15 36 35
		20 01 40	20 03 55	15 03 40	20 04 25	25 22 40	20 29 20	30 20 25			30 19 15	30 19 25		
		25 02 40		20 03 65		30 23 70	30 22 30	33 19 25			33 19 20	40 21 10		
		30 01 45		23 03 65			33 20 30					50 07 15		
				25 04 20										
				30 03 25										
				35 03 10										

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	82	+9	24.7	+2.3
Ezbekiya	45	-15	22.5	-0.2
Giza	55	-7	22.2	+0.2
Helwan	26	-22	19.3	-0.6
Giza Grass min.			26th	12.4

Evaporation at Aswan measured by Piche in mm per day

Date	1939	1938
26-7	1852	2039
25-7	1794	1981

Gauge	Date 1939	Reading m	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Juba	26-7	13.45	-0.18	13.39	-0.23
Nasser	25-7	9.47	+0.12	9.45	+0.13
Malakal	26-7	11.72	+0.24	11.71	+0.24
Roseires	26-7	17.02	-0.34	16.54	-0.69
Sennar Res.	25-7	17.20	—	17.21	—
J. Aulia U.S.	26-7	375.58	—	375.54	—
J. Aulia D.S.	26-7	372.50	-0.72	372.40	-0.72
Khartum	25-7	13.06	-0.28	12.95	-0.29
Khashm el Girba	26-7	12.95	-0.43	12.80	-0.53
Atbara	26-7	12.27	-0.38	12.36	-0.17
Kajnarti	25-7	134.93	-0.87	134.99	-0.63
Aswan Res.	26-7	105.39	—	105.31	—
Aswan D.S.	26-7	87.22	-0.38	87.16	-0.34
Roda (Cairo)	26-7	15.97	+0.13	15.97	+0.16

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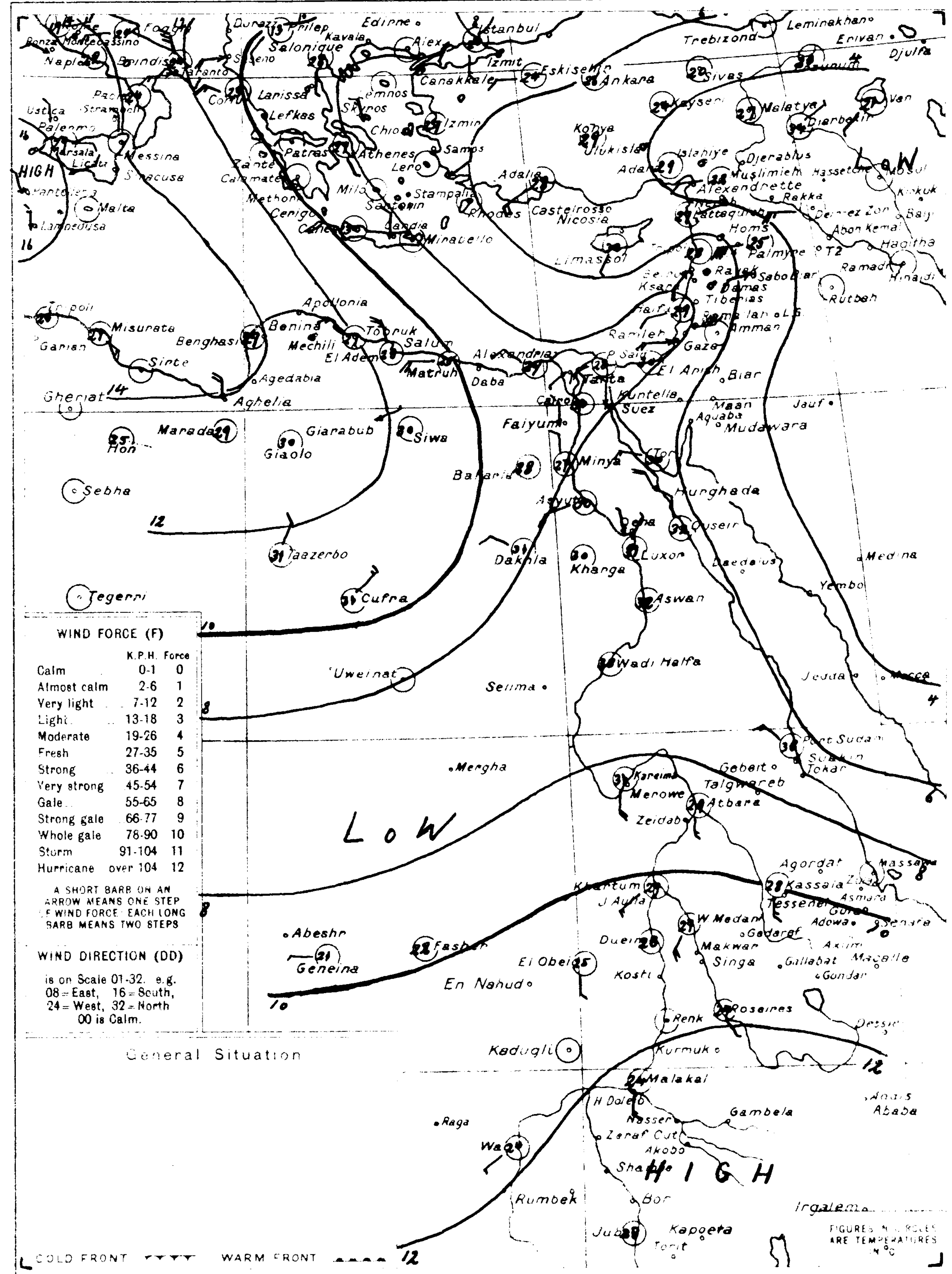
Isobars, Wind and Temperature at 8 h. 26-7-39 ٢٦-٧-٢٩



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.

STATION	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	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	09	6	18	1	4	0	v	6.6	-1.6	30	—	—	—	—	—	0	610	464
Haifa	00	—	22	2	—	0	—	7.8	+1.9	29.1	33	+2	25	+3	68	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. 130

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	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	20-30
Slight Thunderstorm	23
Heavy Thunderstorm	25
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick	42
Fog in patches	43
Drizzle	50-59
Rain	60-64
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-82
of Snow	83-84
of Sleet	85-86
of Hail	88-89
Thunderstorm	90-99
without Hail	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 52 m

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

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h on 26th — الساعة ١٤ يوم ٢٦ | At 8 h on THURSDAY 27th — الخميس ٢٧ الساعة ٨ يوم

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 °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity %	Rain past 24h mms	Total since Oct 1 mms	Normal since Oct 1 mms	Station number
SALUM	00	8	02	6	0	0	—	10.0	32.9	40	01	7	30	6	0	3	Cu	10.4	+0.1	25.4	35	—	21	—	75	0	182	—	130
MATRUH	00	7	26	4	0	0	—	9.5	27.8	80	02	7	26	5	2	5	Cu	9.0	-0.6	26.4	28	0	22	+1	72	0	122	160	131
DIKHEILA	01	8	26	3	0	3	Cu	9.6	28.0	90	00	8	28	3	0	0	—	9.0	—	26.9	29	—	25	—	80	0	94	—	150
ALEXANDRIA	00	9	28	3	0	0	—	8.4	30.0	71	00	9	32	2	0	0	—	8.3	-1.2	27.0	31	0	25	+2	73	0	166	185	132
DAMIETTA											01	8	26	2	0	2	Ac	7.8	—	27.5	36	—	22	—	84	0	70	107	159
PORT SAID	00	7	28	3	0	0	—	7.1	36.0	44	02	7	28	4	1	4	Ac	7.5	-0.4	27.6	37	+6	25	+2	83	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	7.1	33.0	56	01	7	16	2	1	4	Cu	7.6	—	27.8	37	—	23	—	87	0	130	93	135
DAMANHUR											01	8	04	3	1	3	Cu	8.6	-0.2	28.8	37	+4	22	+3	75	0	29	103	136
MANSURA											01	8	30	2	1	3	Sc	8.0	—	27.3	39	+4	22	+2	80	0	46	55	137
TANTA	00	7	00	0	0	0	—	7.4	38.0	36	02	7	00	0	1	4	Ac	8.3	-1.0	28.0	38	+2	20	0	77	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	7.2	37.9	31	01	8	20	1	0	3	Cc	8.7	—	27.8	38	+3	22	+3	77	0	31	29	139
CAIRO ALMAZA	00	8	30	1	0	0	—	8.4	38.0	20	01	6	26	1	1	3	Cu	9.3	—	26.3	40	—	24	—	74	0	18	—	141
EZBEKIYA	00	7	30	2	0	0	—	7.0	38.0	24	01	6	30	2	1	3	Cu	8.6	-0.4	27.5	40	+5	24	+3	70	0	23	28	
GIZA	00	7	30	2	0	0	—	6.8	38.0	19	01	7	30	2	1	3	Ac	8.6	-0.9	25.9	39	+4	24	+4	76	0	23	28	
HELWAN	00	8	30	4	0	0	—	6.3	37.6	14	05	6	26	2	0	0	—	8.4	-0.6	25.4	40	+5	23	+2	75	0	26	29	143
SUEZ	00	9	02	3	0	0	—	6.3	37.3	—	00	7	32	2	0	0	—	8.2	-0.3	26.3	38	+2	23	0	84	0	27	18	144
FAIYUM	00	8	32	1	0	0	—	6.8	39.8	15	00	8	32	2	0	0	—	8.3	-0.9	27.3	41	+5	23	+2	61	0	7	8	153
MINYA	00	7	30	4	0	0	—	5.8	37.8	26	00	8	32	2	0	0	—	8.3	0.0	27.0	39	+2	23	+2	74	0	4	—	154
ASYUT	00	8	22	3	0	0	—	5.3	38.2	26	00	6	24	3	0	0	—	8.0	-0.1	28.5	39	+2	22	-1	55	0	2	4	155
QENA	00	8	26	1	0	0	—	4.3	40.9	25	00	7	22	1	0	0	—	6.7	+0.4	30.0	42	+1	24	0	43	0	dr	—	156
LUXOR	00	8	22	2	1	0	—	4.6	41.2	—	00	8	26	1	0	0	—	6.8	—	32.5	43	—	22	—	29	0	dr	—	157
ASWAN	00	7	20	1	0	0	—	4.6	40.3	13	00	7	00	0	0	0	—	5.9	-1.3	31.2	41	-1	28	+2	28	0	1	—	158
SIWA	00	8	04	1	0	0	—	10.0	42.8	47	00	8	00	0	0	0	—	11.7	+1.2	28.0	44	+6	25	+4	77	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	6.4	40.0	13	00	9	00	0	0	0	—	10.7	—	27.0	41	—	23	—	56	0	1	—	149
KHARGA	00	8	04	2	0	0	—	5.3	41.8	19	00	8	00	0	0	0	—	7.4	-0.4	30.3	42	+2	24	+2	39	0	dr	tr	151
DAKHLA	00	8	30	3	0	0	—	7.9	37.5	15	00	8	28	3	0	0	—	10.2	+1.4	31.2	39	-1	23	0	22	0	dr	—	152
TOR	00	6	28	4	0	0	—	4.2	33.5	47	00	6	28	3	0	0	—	6.2	+0.2	30.8	35	+1	26	+2	60	0	20	13	145
HURGHADA	00	9	06	3	0	0	—	5.6	33.8	45	00	9	30	2	0	0	—	7.0	+0.6	32.4	35	0	24	-1	48	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	5.4	32.0	66	00	7	32	2	0	0	—	5.8	-0.1	33.2	34	0	25	-2	51	0	tr	6	147
PORT SUDAN											02	—	24	4	4	5	—	5.0	-0.1	38.7	44	+3	30	+2	34	dr	81	117	169
WADI HALFA											01	9	24	1	0	2	Ci	8.0	+0.1	30.8	43	+2	23	0	27	—	—	—	165
KAREIMA											05	7	20	3	1	4	Ac	9.7	+1.6	33.2	38	-4	30	+3	44	0	3	12	166
ATBARA											00	—	18	3	0	0	—	9.5	+1.4	30.5	37	-3	26	0	49	0	28	30	167
KHARTUM											03	7	16	3	1	6	Ac,As	11.6	+2.5	29.3	39	+1	27	+2	58	dr	29	57	168
KASSALA											02	8	16	3	1	5	St,Sc	11.9	+0.4	26.7	36	+2	23	0	69	4	95	140	170
WAD MEDANI											03	—	00	0	6	6	—	13.0	+2.4	23.5	34	-1	21	-1	90	75	310	164	171
DUEIM											03	—	—	2	1	6	—	12.2	+1.4	27.4	36	+1	25	+3	66	0	166	129	173
RENK											03	7	22	1	5	6	Cu	12.7	—	26.0	33	—	24	—	76	dr	—	—	182
ROSEIRES											01	—	14	1	5	4	—	13.3	+1.3	23.4	33	+1	21	0	92	27	265	382	172
EL OBEID											02	8	18	3	1	5	Ac	11.6	-0.5	24.5	32	-1	22	0	76	dr	175	142	174
EL FASHER											01	8	12	1	1	4	Ac,As	—	—	23.3	29	-5	22	+1	92	dr	151	124	175
GENEINA											04	6	00	0	4	7	—	—	—	20.8	29	—	19	—	91	dr	201	—	179
KADUGLI											02	7	16	5	5	5	Ac	12.3	—	23.0	30	—	20	—	90	4	—	—	187
MALAKAL											01	8	18	3	0	3	Cu,Sc	13.4	+0.6	24.3	32	+1	23	+2	87	dr	494	516	176
WAU											03	—	12	1	6	6	—	12.3	+0.8	23.0	33	+1	20	0	88	17	654	712	177
JUBA											03	8	00	0	1	8	Cs	13.6	+0.8	23.3	32	+1	20	0	83	0	750	668	178

UPPER WINDS ON 27th ٢٧

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P.Said A.P.
h m	7 h m	7 h m	h m	8 h 30 m	7 h m	7 h m	4 h m	5 h m	7 h m	h m	7 h m	7 h m	h m	7 h m
	023040	023215		023110	023115	022005	033515	062035	061755		072130	063110		022715
	053145	053420		053315	050230	053410	063335	102025	101965		102345	102010		052715
	103235	103615		082605	103435	103105	103325	152110	152065		152215	151710		102715
	133130	113510		102715	153535	153315	153020	203605	202220		202505	201805		
		132910		152715	203545		202730	300315	251935		301705	300905		
		152615		172725			252340		302035		401515	401010		
		203125							311930			500815		
		253125										600935		
		303220										700840		
		353220										800925		

Forecast for 24 hours from noon on

تنبؤ الطقس لمدة ٢٤ ساعة من ظهر يوم

Mean of day

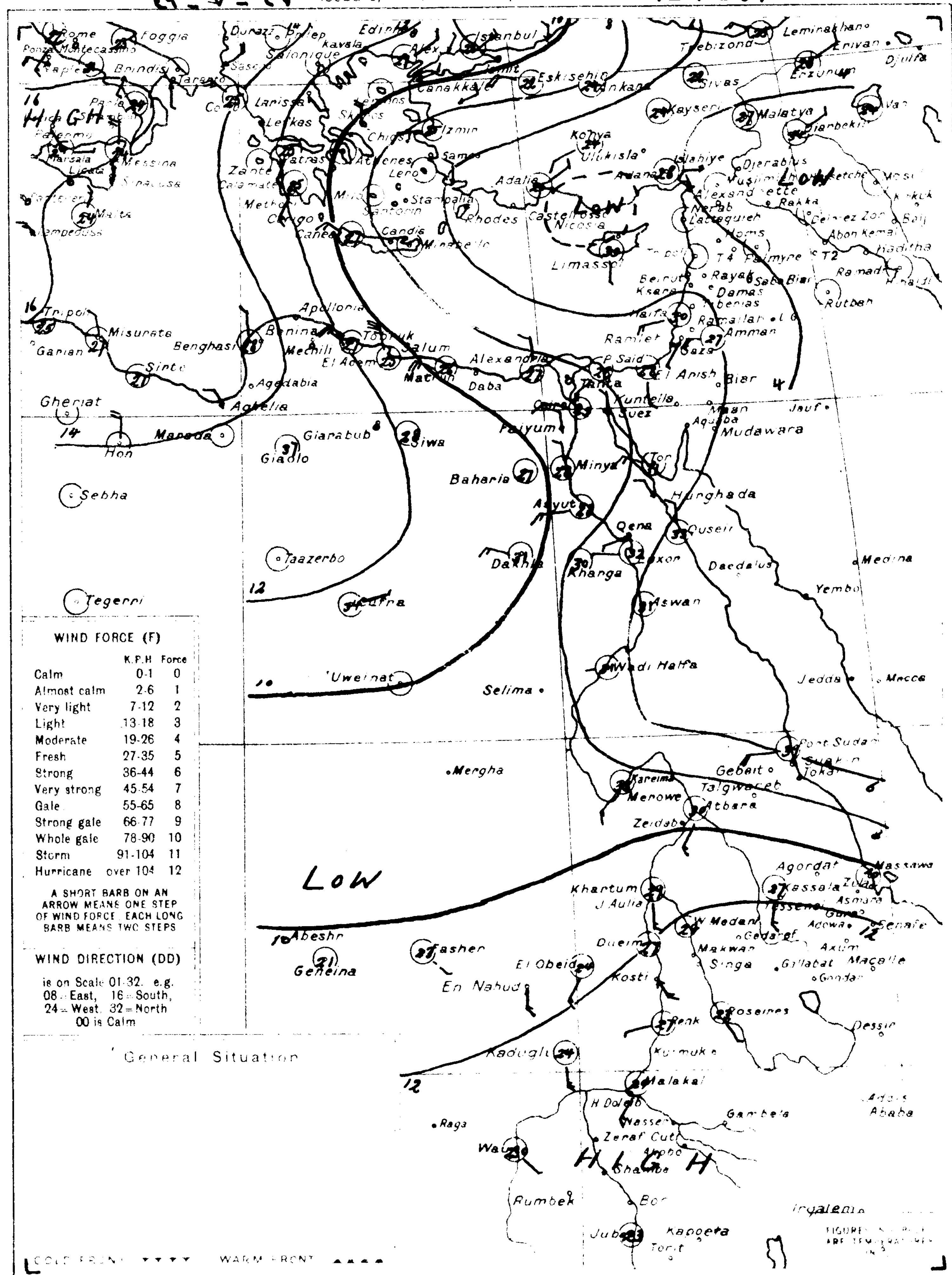
Station	Humidity 26th	Diff. from normal	Temperature 26th	Diff. from normal
Alexandria	79	+6	25.1	+2.7
Ezbekiya	49	-11	23.1	+0.4
Giza	55	-7	22.1	+0.1
Helwan	22	-26	19.8	-0.1
Giza		27th	19.7	

[illegible]

DATE	1939	1938
27-7	2083	2084
26-7	1852	2039

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Difference m
Juba	27-7	13.44	-0.19	13.45	-0.18
Nasser	26-7	9.48	+0.10	9.47	+0.12
Malakal	27-7	11.72	+0.23	11.72	+0.24
Roseires	27-7	17.07	-0.40	17.02	-0.34
Sennar Res	26-7	17.20	—	17.20	—
J. Aulia U.S	26-7	375.58	—	375.54	—
J. Aulia D.S	26-7	372.50	-0.72	372.40	-0.72
Khartum	27-7	13.22	-0.36	13.03	-0.45
Khashm el Girba	26-7	12.95	-0.43	12.80	-0.53
Atbara	27-7	12.18	-0.59	12.27	-0.38
Kajnart	26-7	134.86	-1.14	134.93	-0.87
Aswan Res	27-7	105.35	—	105.39	—
Aswan D.S	27-7	87.51	-0.20	87.22	-0.38
Roda (Cairo)	27-7	15.93	+0.06	15.97	+0.13

Isobars, Wind and Temperature at 8 h 27-7-39 ٢٧-٧-٣٩



General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000

At 8 h on 27th ٢٧

STATION	Present weather	Visibility	Wind Dir.	Force	Past weather	Cloud Amount	Form	Bar. M.S.L. 1000+ mbs	Diff.	Dry Bulb	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Rain past 24h	Total since Oct 1	Normal since Oct 1
Limassol	09	6	16	1	4	0	—	5.3	-1.9	30	—	—	—	—	—	0	610	464
Haifa	00	—	22	3	—	0	—	7.2	+1.3	29.7	32	+1	25	+3	64	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
[illegible]	11
Distant Duststorm	12
Squalls	13
Slight Duststorm	15
Rain in past hour	20 29
Slight Thunderstorm	27
Heavy Thunderstorm	29
Duststorm	30 39
Fog or Thick Haze	40 49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and 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	93 96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

CLOUD FORM (C)

Nimbus	N
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

Time of Sunrise h 05 m 11
" " Sunset h 18 m 52

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

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

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 (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	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																													
SALUM	00	8	30	6	0	0	—	9.4	30.7	39	02	8	30	5	1	4	Cu	8.8	-1.5	24.5	32	—	20	—	70	0	182	—	130
MATRUH	02	7	26	6	1	4	Cu	9.0	27.1	75	02	7	28	4	2	5	Cu	7.8	-1.8	25.4	28	0	24	+3	79	0	122	160	131
DIKHEILA	00	9	28	4	0	0	—	9.3	27.4	87	01	8	26	3	1	2	Cu	7.8	—	26.2	28	—	25	—	89	0	94	—	150
ALEXANDRIA	00	9	28	4	0	0	—	7.9	28.6	69	02	9	28	3	2	4	Ac	7.1	-2.4	26.2	30	-1	24	+1	77	0	166	185	132
DAMIETTA											01	8	20	1	1	3	Cu	6.6	—	28.0	32	—	21	—	77	0	70	107	159
PORT SAID	00	7	30	4	1	0	—	6.8	32.3	68	01	7	22	3	1	3	Ac	6.6	-1.3	26.8	33	+2	24	0	75	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	7.0	30.0	76	00	7	00	0	0	0	—	6.6	—	29.8	31	—	21	—	68	0	130	93	135
DAMANHUR											01	8	24	3	1	3	Cu	7.4	-1.4	28.1	34	+1	21	+2	74	0	29	103	136
MANSURA											01	8	20	1	1	3	Sc	6.7	—	26.1	36	+1	21	+1	78	0	46	55	137
TANTA	00	7	28	3	0	0	—	7.0	35.0	42	02	7	00	0	1	5	Cu	7.6	-1.7	27.0	36	0	20	0	77	0	41	43	138
ZAGAZIG	01	8	30	1	1	1	—	6.8	35.8	47	01	8	20	1	0	4	—	7.2	—	27.9	36	+1	23	+4	73	0	31	29	139
CAIRO ALMAZA	00	8	26	2	0	0	—	7.2	35.4	39	01	8	26	2	2	4	Sc	8.3	—	25.6	37	—	24	—	72	0	18	—	141
CAIRO EZBEKIYA	00	8	00	0	0	0	—	6.3	36.0	36	01	7	00	0	1	2	Cu	7.6	-1.4	27.0	38	+3	24	+3	69	0	23	28	—
CAIRO GIZA	00	8	00	0	0	0	—	6.2	35.7	34	01	7	00	0	1	2	Cu	6.7	-2.8	25.1	37	+2	22	+2	75	0	23	28	—
HELWAN	00	8	28	2	0	0	—	6.2	35.0	32	05	6	28	2	0	0	—	7.1	-1.9	25.0	37	+2	22	+1	69	0	26	29	143
SUEZ	00	9	04	3	0	0	—	5.5	36.1	33	01	8	32	2	1	1	Cu	6.6	-1.9	27.2	38	+2	24	+1	75	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	6.6	36.0	33	00	8	28	2	0	0	—	7.2	-2.0	27.1	39	+3	23	+2	63	0	7	8	153
MINYA	00	8	02	3	0	0	—	5.9	38.3	33	00	6	30	3	0	0	—	6.7	-1.6	26.3	39	+2	23	+2	71	0	4	—	154
ASYUT	00	7	22	3	0	0	—	6.4	38.0	23	00	7	22	2	0	0	—	6.8	-1.3	28.9	40	+3	22	-1	53	0	2	4	155
QENA	00	8	04	2	0	0	—	4.3	41.7	27	00	8	26	2	0	0	—	5.8	-0.5	31.1	44	+3	23	-1	41	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	4.7	42.5	—	00	8	26	2	0	0	—	5.6	—	35.7	44	—	22	—	33	0	dr	—	157
ASWAN	00	7	04	1	0	0	—	3.9	42.2	09	00	7	30	1	0	0	—	5.8	-1.4	33.4	43	+1	28	+2	26	0	1	—	158
SIWA	00	8	28	2	0	0	—	10.0	37.4	48	00	8	32	1	0	0	—	10.6	-0.1	24.9	39	+1	20	-1	77	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.0	37.0	22	00	9	32	1	0	0	—	8.3	—	24.0	38	—	21	—	83	0	1	—	149
KHARGA	00	8	04	3	0	0	—	5.4	42.7	20	00	8	28	1	0	0	—	6.6	-1.2	32.9	43	+3	24	+2	32	0	dr	tr	151
DAKHLA	00	7	30	4	0	0	—	8.4	41.0	10	00	7	28	2	0	0	—	8.8	0.0	29.5	42	+2	24	+1	30	0	dr	—	152
TOR	00	6	28	2	0	0	—	4.0	34.2	51	00	6	28	4	0	0	—	4.8	-1.2	28.5	35	+1	27	+3	85	0	20	13	145
HURGHADA	00	9	04	2	0	0	—	5.0	35.6	35	00	9	30	4	0	0	—	5.3	-1.1	32.5	37	+2	25	0	52	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	5.5	33.0	52	00	7	32	2	0	0	—	5.3	-0.6	33.0	34	0	27	0	44	0	tr	6	147
FORT SUDAN											40	—	20	2	3	9	—	5.6	+0.4	37.5	45	+4	32	+4	34	dr	81	117	169
WADI HALFA											01	8	00	0	0	1	Ac	6.8	-1.1	31.0	43	+2	23	0	27	←	—	—	165
KAREIMA											01	8	18	2	1	3	Ci	8.3	+0.2	29.6	41	-1	25	-2	53	1	4	12	166
ATBARA											00	—	20	2	6	0	—	7.6	-0.5	30.0	38	-2	24	-2	53	1	29	31	167
KHARTUM											03	8	20	3	1	6	AsAc	7.9	-1.2	29.2	39	+1	27	+2	64	dr	29	59	168
KASSALA											03	8	16	1	1	6	Ac	9.1	-2.4	27.3	35	+1	26	+3	69	0	95	143	170
WAD MEDANI											02	—	18	4	0	4	—	9.3	-1.4	27.6	33	-2	23	+1	68	0	310	168	171
DUEIM											00	—	—	3	0	0	—	9.9	-0.9	27.6	37	+2	26	+4	68	0	166	132	173
RENK																			—			—		—					182
ROSEIRES											50	—	10	1	1	8	—	12.4	+0.4	22.7	33	+1	22	+1	92	1	266	388	172
EL OBEID											03	8	24	1	1	8	AsCi	9.2	-2.9	27.6	35	+2	25	+3	63	0	175	144	174
EL FASHER											03	9	30	2	1	6	AsCi	—	—	26.0	33	-1	24	+3	70	0	151	127	175
GENEINA											03	8	00	0	1	6	Ac	—	—	22.2	31	—	20	—	91	0	201	—	179
KADUGLI																												—	187
MALAKAL											03	8	22	3	5	7	Ac	11.8	-1.0	23.6	32	+1	23	+2	89	2	496	522	176
WAU											03	—	20	1	1	7	—	11.1	-0.4	24.5	32	0	22	+2	85	0	654	718	177
JUBA											01	8	00	0	1	4	Ac	13.6	+0.8	24.4	32	+1	21	+1	83	0	750	672	178

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Geneina
h m	h m	7 h m	h m	h m	h m	h m	3 h m	4 h m	7 h m	h m	7 h m	7 h m	h m	6 h m
		02.31.30					03.35.15							
		05.34.25					06.36.35	06.23.25	06.20.45		07.25.25	06.22.30		
		10.36.25					10.35.30	10.27.25	10.21.30		10.26.35	10.25.25		10.32.10
		15.34.20					15.32.25	15.35.10	15.21.25		15.27.20	15.27.25		15.26.20
		20.01.25					20.30.20	20.02.20	20.23.25		20.23.05	20.32.15		20.25.10
		25.01.25					29.01.05	27.33.15	30.31.15		30.11.10	30.35.25		30.08.15
		30.02.35							40.03.15		36.10.05	40.03.20		40.08.20
									50.03.65					50.09.15
									54.07.20					56.07.15

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	72	-1	23.5	+1.0
Ezbekiya	59	-1	24.0	+1.2
Giza	62	0	23.5	+1.5
Helwan	51	+3	22.4	+2.5

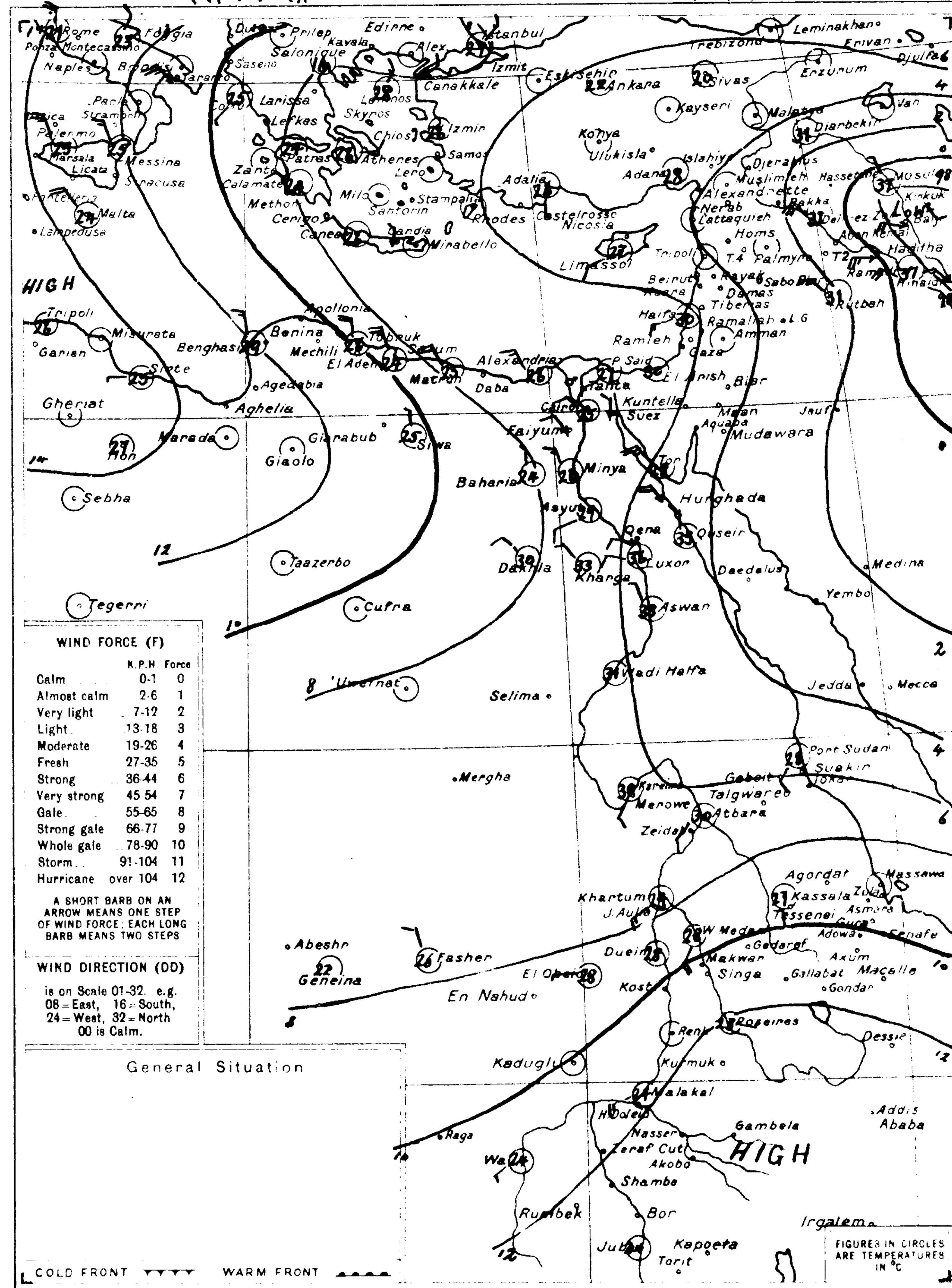
Giza Grass minimum on 28th 19.6 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
28-7	2315	2138
27-7	2083	2084

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Juba	28-7	13.43	-0.21	13.44	-0.19
Nasser	26-7	9.48	+0.10	9.47	+0.12
Malakal	27-7	11.72	+0.23	11.7	+0.24
Roseires	28-7	16.74	-0.86	17.67	-0.40
Sennar Res	28-7	17.20	—	17.20	—
J. Aulia U.S	26-7	375.58	—	375.54	—
J. Aulia D.S	26-7	372.50	-0.72	372.40	-0.72
Khartum	27-7	13.22	-0.36	13.03	-0.45
Kh. el Girba	26-7	12.95	-0.43	12.80	-0.53
'Atbara	27-7	12.18	-0.59	12.27	-0.38
Kajnarti	28-7	135.07	-1.29	134.89	-1.29
Aswan Res	28-7	105.11	—	105.35	—
Aswan D.S	28-7	87.81	-0.06	87.51	-0.20
Roda (Cairo)	27-7	15.93	+0.06	15.97	+0.13

Isobars, Wind and Temperature at 8 h. 28-7-1939 ١٩٣٩-٧-٢٨



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

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	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
At 8 h. on 28th الساعة ٨ يوم ٢٨																		
Limassol	01	7	22	2	1	2	—	4.4	-2.8	27	—	—	—	—	—	0	610	464
Haifa	00	—	22	3	—	0	—	6.6	+0.6	29.6	32	+1	24	+2	58	0	569	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 30-39
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick " " " 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
" of Snow 83, 84
" of Sleet 85, 86
" of Hail 88, 89
Thunderstorm 90-99
" ended, now Rain 91
" with Hail 94-96
" with Duststorm 98
" heavy with Hail 99

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

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

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 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 m 05 12
Time of Sunset 18 51

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

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h. on 28th ٢٨

Station	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp TTT	Humidity UU
SALUM	00	8	02	7	0	0	—	7.9	27.4	62
MATRUH	01	7	26	4	1	3	Cu	7.6	26.8	81
DIKHEILA	00	9	26	4	1	0	—	7.8	27.3	85
ALEXANDRIA	00	9	28	4	0	0	—	6.7	28.6	68
DAMIETTA										
PORT SAID	00	7	28	4	1	0	—	5.9	32.2	62
EL ARISH	00	7	30	2	0	0	—	6.0	30.1	70
DAMANHUR										
MANSURA										
TANTA	00	7	00	0	0	0	—	6.6	34.0	40
ZAGAZIG	00	8	28	2	1	0	—	5.8	34.3	49
ALMAZA	00	8	28	2	0	0	—	6.8	34.3	41
EZBEKIYA	00	8	32	3	0	0	—	5.4	35.0	33
GIZA	00	8	32	3	0	0	—	5.6	33.4	41
HELWAN	00	7	28	4	0	0	—	5.3	33.0	31
SUEZ	00	9	04	4	0	0	—	4.3	34.0	45
FAYUM	00	8	32	3	0	0	—	5.4	35.0	31
MINYA	00	7	02	4	0	0	—	5.9	35.3	30
ASYUT	00	8	28	3	0	0	—	5.6	35.0	24
QENA	00	8	22	4	0	0	—	4.2	39.3	24
LUXOR	00	8	22	2	0	0	—	4.3	40.5	—
ASWAN	00	7	24	1	0	0	—	3.0	40.6	15
SIWA	00	9	28	2	0	0	—	9.1	33.4	62
BAHARIYA	00	9	32	1	0	0	—	7.0	35.0	28
KHARGA	00	8	04	2	0	0	—	4.0	42.4	—
DAKHLA	00	6	30	5	0	0	—	7.2	38.0	18
TOR	01	6	32	2	0	1	Cu	2.7	35.0	37
HURGHADA	00	9	06	1	0	0	—	3.6	35.6	42
QUSEIR	00	7	02	2	0	0	—	4.7	31.0	71
PORT SUDAN	30	—	12	3	2	—	—	3.0	39	35
WADI HALFA	01	8	20	3	0	3	Cu	4.4	42	28
KAREIMA	00	8	30	3	0	0	—	5.3	40	9
ATBARA	02	—	24	3	0	4	—	5.0	37	25
KHARTUM	02	8	26	3	1	5	Cb	4.0	38	27
KASSALA	02	8	16	2	1	5	Cu	4.3	33	37
WAD MEDANI	02	—	20	3	2	4	—	5.0	34	45
DUEIM	02	—	—	3	0	5	—	6.0	36	35
RENK	03	7	14	3	2	9	Cu	10.2	24	75
ROSEIRES	01	—	14	1	5	4	—	10.0	27	75
EL OBEID	03	6	16	5	9	8	Sc	8.3	23	74
EL FASHER	02	8	08	3	5	5	AcAs	10.2	24	85
GENEINA										
KADUGLI										
MALAKAL										
WAU	04	—	24	2	3	9	—	8.0	31	55
JUBA	02	8	12	2	1	5	Cu	9.3	30	28

At 8 h. on SATURDAY 29th السبت ٢٩

Station	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM	01	7	30	5	0	3	Cu	8.8	-1.5	24.4	30	—	20	—	66	0	182	—	130
MATRUH	02	7	28	3	2	5	Cu	8.0	-1.6	26.1	27	-1	24	+3	71	0	122	160	131
DIKHEILA	01	8	26	3	1	2	Cu	8.0	—	26.0	28	—	25	—	82	0	94	—	150
ALEXANDRIA	02	9	32	2	2	4	Ac	7.6	-2.0	26.0	30	-1	24	+1	73	0	166	185	132
DAMIETTA	01	8	28	2	0	3	Cu	6.8	—	27.2	31	—	22	—	68	0	70	107	159
PORT SAID	01	7	30	3	1	3	Ac As	6.7	-1.2	27.8	33	+2	25	+1	75	0	64	81	134
EL ARISH	00	7	16	1	0	0	—	6.8	—	30.3	31	—	23	—	61	0	130	93	135
DAMANHUR	01	8	02	3	1	4	Cu	7.5	-1.3	27.8	34	+1	20	+1	71	0	29	103	136
MANSURA	01	8	02	1	1	3	Sc	7.4	—	26.9	35	0	22	+2	82	0	46	55	137
TANTA	02	7	28	1	1	5	Cu	7.8	-1.5	26.5	35	-1	18	-2	77	0	41	43	138
ZAGAZIG	00	8	26	1	4	0	—	7.9	—	26.9	34	-1	18	-1	79	0	31	29	139
ALMAZA	03	5	30	1	2	6	Cu	8.4	—	23.1	35	—	21	—	90	0	18	—	141
EZBEKIYA	08	5	32	1	2	6	Sc	7.6	-1.4	24.4	36	+1	22	+1	86	0	23	28	—
GIZA	03	6	02	2	2	8	As	8.3	-1.2	23.9	35	0	18	-2	88	0	23	28	
HELWAN	09	5	30	2	1	3	Cu	7.9	-1.1	23.8	35	0	21	0	76	0	26	29	143
SUEZ	01	7	28	2	1	3	Cu	7.4	-1.1	26.0	38	+2	22	-1	76	0	27	18	144
FAYUM	00	8	32	2	0	0	—	7.8	-1.4	26.0	37	+1	20	-1	66	0	7	8	153
MINYA	00	7	28	3	0	0	—	6.7	-1.6	27.0	36	-1	21	0	61	0	4	—	154
ASYUT	00	6	22	2	0	0	—	6.2	-1.9	28.0	36	-1	22	-1	54	0	2	4	155
QENA	00	8	22	2	0	0	—	5.4	-0.9	30.0	41	0	24	0	37	0	dr	—	156
LUXOR	00	8	08	1	0	0	—	5.6	—	33.9	42	—	20	—	36	0	dr	—	157
ASWAN	00	7	00	0	0	0	—	5.6	-1.6	31.3	42	0	26	0	36	0	1	—	158
SIWA	00	8	28	1	0	0	—	11.5	+0.8	23.4	37	-1	19	-2	98	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.2	—	26.0	36	—	21	—	55	0	1	—	149
KHARGA	00	8	28	1	0	0	—	5.8	-2.0	29.1	42	+2	24	+2	33	0	dr	tr	151
DAKHLA	00	8	26	2	0	0	—	8.6	-0.2	28.8	39	-1	23	0	21	0	dr	—	152
TOR	00	6	28	4	0	0	—	5.0	-1.0	29.1	36	+1	27	+3	73	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	5.3	-1.1	31.4	37	+2	28	+3	51	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	4.7	-1.2	31.8	33	-1	27	0	55	0	tr	6	147
PORT SUDAN	00	—	24	1	3	0	—	5.4	+0.2	37.4	45	+4	30	+2	32	0	81	117	169
WADI HALFA	01	8	30	2	0	1	Cs	6.4	-1.5	31.2	43	+2	25	+2	27	—	—	—	165
KAREIMA	18	6	18	4	3	3	Ci	8.5	+0.4	29.4	41	-1	26	-1	58	0	3	12	166
ATBARA	00	—	20	3	1	0	—	8.6	+0.5	29.0	38	-2	25	-1	52	0	29	32	167
KHARTUM	03	9	18	1	2	8	AcAs	8.9	-0.2	24.7	41	+3	23	-2	76	4	33	60	168
KASSALA	03	8	14	3	1	6	Acu	9.2	-2.3	24.4	36	+2	21	-2	87	42	137	146	170
WAD MEDANI	02	—	16	6	1	5	—	9.3	-1.4	24.0	35	0	22	0	89	19	329	172	171
DUEIM	02	—	—	3	2	5	—	10.2	-0.6	25.4	38	+3	23	+1	82	5	171	135	173
RENK																		—	182
ROSEIRES	01	—	14	1	1	3	—	12.8	+0.8	22.2	26	-6	21	0	97	5	271	394	172
EL OBEID	03	8	18	2	1	6	AcCi	9.6	-2.5	23.0	32	-1	22	0	83	6	181	147	174
EL FASHER	51	8	14	2	1	6	CuSc	—	—	21.7	35	+1	21	0	91	25	176	131	175
GENEINA	03	8	28	1	9	6	Ac	—	—	21.1	32	—	19	—	82	14	215	—	179
KADUGLI																		—	187
MALAKAL	03	8	16	2	1	6	AcCs	11.8	-1.0	22.7	27	-4	21	0	91	dr	496	528	176
WAU	60	—	20	1	6	8	—	11.9	+0.4	22.0	32	0	21	+1	93	3	657	724	177
JUBA	01	8	24	2	1	4	CuCi	12.8	0.0	23.4	31	0	20	0	91	0	750	677	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	P. Said A.P.
	7 h	7 h		8 h 30 m	7 h	7 h	4 h	4 h	7 h		7 h	7 h		7 h
	023220	022910		023610	022820	053420	030425	061725	061145		072125	061505		023020
	053315	053410		053515	050225	100105	060330	100710	101395		102225	101710		053320
	Ent Cu.	102810		083425	103630	153010	100220	150125	151475		151110	152720		083315
		152910		103325	153330		153415	170130	201360		200520	302320		Ent. Cld.
		182205		153015	203425		203010		251530		250125	402415		
		201405		200615					300505			501510		
		240000		230415					400340			601715		
		252505		250510					440835			701120		
		282110		300130								800530		
		301710		350220										

Forecast for 24 hours from noon on

Station	Max. humidity on 28th	Diff. from normal	Min. air temp. on 28th	Diff. from normal
Alexandria	76	+3	23.7	+1.2
Ezbekiya	55	-5	22.7	-0.1
Giza	57	-5	22.2	+0.1
Helwan	51	+3	21.2	+1.2

Giza Grass minimum 29th 13.6

Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
29-7	2547	2263
28-7	2315	2138

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Juba	28-7	13.43	-0.21	13.44	-0.19
Nasser	28-7	9.53	+0.11	9.50	+0.16
Malakal	29-7	11.74	+0.22	11.73	+0.22
Roseires	29-7	16.77	-0.95	16.74	-0.86
Sennar Res.	28-7	17.20	—	17.20	—
J. Aulia U.S.	28-7	375.65	—	375.62	—
J. Aulia D.S.	28-7	372.66	-0.79	372.54	-0.79
Khartum	28-7	13.27	-0.41	13.22	-0.36
Kh. el Girba	28-7	12.75	-0.75	12.70	-0.74
Atbara	28-7	12.22	-0.67	12.18	-0.59
Kajnarti	28-7	135.07	-1.29	134.89	-1.24
Aswan Res.	29-7	104.71	—	105.11	—
Aswan D.S.	29-7	88.08	+0.08	87.81	-0.06
Roda (Cairo)	29-7	15.95	+0.03	15.95	+0.05

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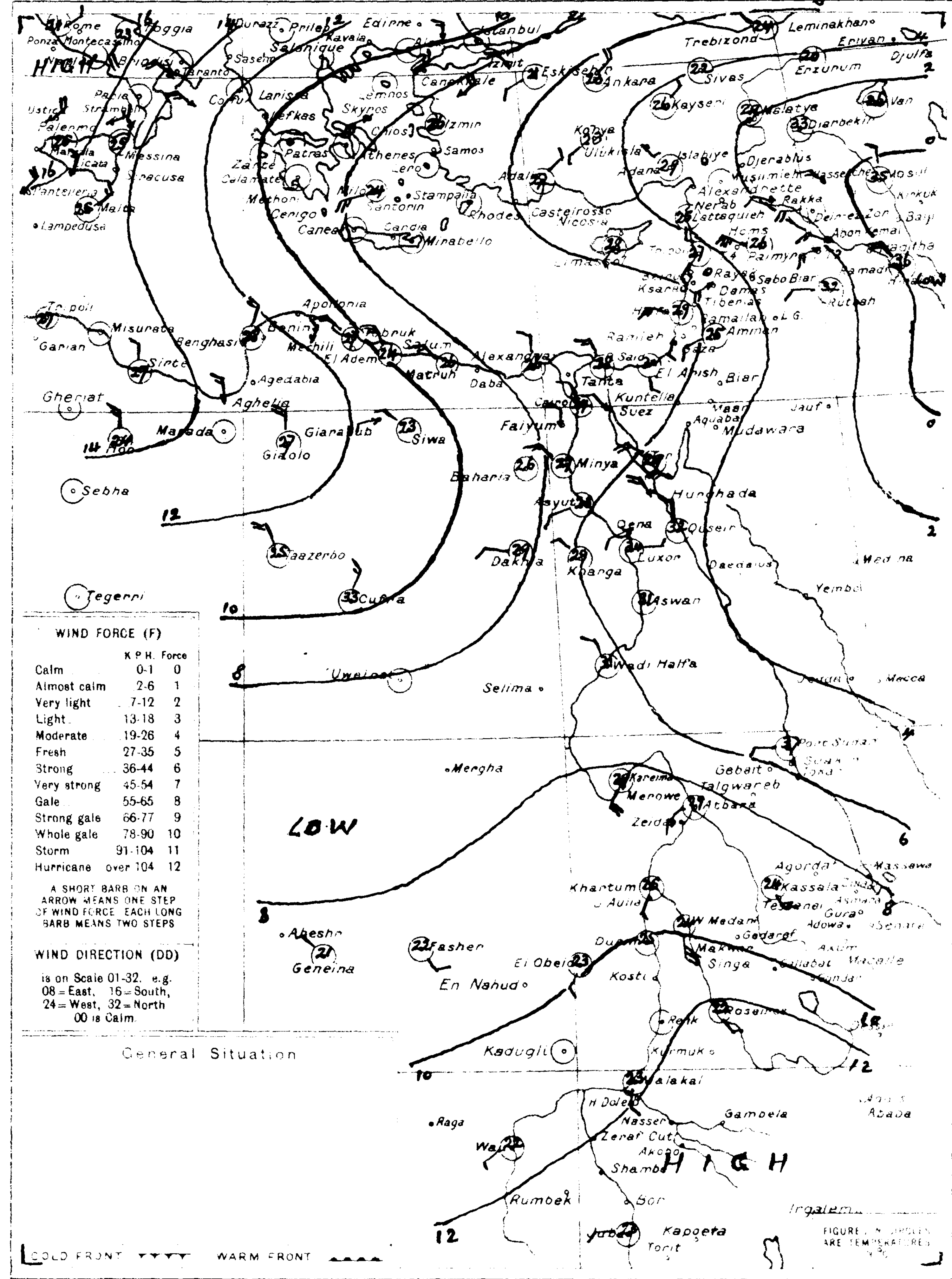
١٩٣٩-٧-٢٩ Isobars, Wind and Temperature at 8 h. 29-7-1939



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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder	
Distant Duststorm	
Squalls	
Slight Duststorm	
Rain in past hour	20-29
Slight Thunderstorm	
Heavy Thunderstorm	
Duststorm	34
Fog	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
Thunderstorm	90-99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at
100 metres
200
500
Kilometres
1
10
20
50
Visible over 50 kms

CLOUD AMOUNT (N)

Clear
Trace
1 Tenth
2, 3 Tenths
4, 5, 6 Tenths
7, 8 Tenths
9 Tenths
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

At 8 h. on 29th ٢٩

Station	Present weather	Visibility	Wind Dir	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday	Max. Diff. from norm.	Min. Today	Min. Diff. from norm.	Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	7	18	1	4	2	—	47	-2.5	28	—	—	—	—	—	0	610	464
Halfa	00	—	26	3	—	0	—	6.8	+0.8	38.7	32	+1	22	0	55	0	559	647

SHIPS سفن

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. 50

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 05 h 12 m
" " Sunset 18 h 51 m

Month JULY 1939 ١٩٣٩ شهر يوليه

At 14 h. on 29th الساعة ١٢ يوم ٢٩ — At 8 h. on SUNDAY 30th الأحد ٣٠ الساعة ٨ يوم

STATION	14h 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	Temp °C TTT	Humidity UU	8h 30th 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	02	6	1	3	Cu	8.7	26.1	67	01	8	32	4	1	3	Cu	11.8	+1.5	24.4	29	—	20	—	78	0	182	—	130
MATRUH	01	7	28	5	0	2	Cu	8.8	26.4	72	01	7	26	2	1	3	Cu	10.6	+1.0	24.9	27	-1	20	-1	78	0	122	160	131
DIKHEILA	00	9	28	3	0	0	—	8.2	26.9	85	01	8	30	2	1	4	Sc	11.4	—	26.0	27	—	24	—	77	0	94	—	150
ALEXANDRIA	00	9	28	3	0	0	—	7.8	28.8	65	02	9	24	1	2	5	Ac	10.7	-1.1	26.0	29	-2	23	0	70	0	166	185	132
DAMIETTA											01	8	28	1	0	4	Ac	9.8	—	27.0	30	—	22	—	72	0	70	107	159
PORT SAID	01	7	30	3	1	2	Ac	7.2	31.0	61	02	7	30	2	1	4	Ac	9.6	+1.6	27.6	32	+1	25	+1	70	0	64	81	134
EL ARISH	00	7	32	3	0	0	—	6.7	29.6	67	01	7	00	0	1	4	Cu	9.5	—	29.9	31	—	23	—	64	0	130	93	135
DAMANHUR											00	7	02	2	0	0	—	10.8	+2.0	27.4	33	0	20	+1	69	0	29	103	136
MANSURA											01	8	14	2	1	4	Cu	10.4	—	26.1	35	0	20	0	78	0	46	55	137
TANTA	00	7	30	2	0	0	—	7.1	33.5	42	02	7	32	1	1	5	Cu	11.0	+1.7	25.5	34	-2	19	-1	76	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	7.1	34.3	44	02	8	30	1	1	4	Cu	11.4	—	27.4	34	-1	19	0	73	0	31	29	139
CAIRO ALMAZA	00	8	28	1	0	0	—	7.4	33.3	48	05	6	28	2	2	4	Sc	10.7	—	25.8	35	—	21	—	78	0	18	—	141
EZBEKIYA	00	7	32	3	0	0	—	6.6	34.0	36	02	6	26	2	1	4	Cu	10.2	+1.1	26.2	36	+1	22	+1	73	0	23	28	—
GIZA	00	7	32	3	0	0	—	6.4	34.0	36	02	7	30	2	2	5	Ac	10.6	+1.1	25.0	34	-1	20	0	80	0	23	28	—
HELWAN	00	7	30	3	0	0	—	6.2	33.4	24	01	6	32	3	0	2	Cu	10.6	+1.6	24.9	35	0	22	+1	69	0	26	29	143
SUEZ	00	9	02	2	0	0	—	6.3	33.4	36	01	8	04	1	1	3	Cu	10.3	+1.7	26.7	36	0	23	0	75	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	6.0	35.0	29	00	8	32	3	0	0	—	9.9	+0.7	26.0	37	+1	22	+1	80	0	7	8	153
MINYA	00	8	30	4	0	0	—	5.5	35.3	33	00	6	30	3	0	0	—	9.4	+1.1	26.8	36	-1	23	+2	68	0	4	—	154
ASYUT	00	8	22	3	0	0	—	5.1	36.2	24	00	6	22	3	0	0	—	8.8	+0.7	27.8	37	0	21	-2	52	0	2	4	155
QENA	00	8	20	2	0	0	—	3.9	38.9	25	00	8	22	2	0	0	—	7.5	+1.2	31.3	40	-1	25	+1	40	0	dr	—	156
LUXOR	00	8	22	1	0	0	—	4.0	39.8	25	00	8	26	1	0	0	—	7.9	—	33.8	41	—	21	—	36	0	dr	—	157
ASWAN	00	7	24	1	0	0	—	3.4	40.2	17	00	7	00	0	0	0	—	7.8	+0.6	31.7	43	+1	27	+1	35	0	1	—	158
SIWA	00	8	28	2	0	0	—	9.1	34.8	54	00	8	28	1	0	0	—	12.6	+1.9	23.8	37	-1	19	-2	85	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	5.6	35.0	30	00	9	00	0	0	0	—	11.0	—	25.0	37	—	21	—	76	0	1	—	149
KHARGA	00	8	32	2	0	0	—	3.6	40.4	16	00	8	00	0	0	0	—	7.5	-0.3	30.6	40	0	24	+2	33	0	dr	tr	151
DAKHLA	00	7	30	2	0	0	—	6.8	36.8	11	00	8	28	3	0	0	—	9.8	+0.9	31.0	39	-1	23	0	26	0	dr	—	152
TOR	00	6	28	4	0	0	—	3.8	32.2	59	00	6	28	4	0	0	—	7.4	+1.4	29.0	35	+1	22	-2	74	0	20	13	145
HURGHADA	01	9	04	3	0	3	Cu	4.4	34.1	51	00	9	30	5	0	0	—	8.0	+1.6	30.1	35	0	25	0	52	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	4.6	31.0	68	00	7	32	3	0	0	—	7.2	+1.3	32.0	34	0	26	-1	52	0	tr	6	147
PORT SUDAN											00	—	20	2	0	0	—	7.0	+1.8	36.5	43	+2	32	+4	37	0	81	117	169
WADI HALFA											01	9	32	2	0	3	Ac	7.5	-0.4	29.6	42	+1	23	0	30	—	—	—	165
KAREIMA											02	8	18	1	1	5	Ac,As	8.8	+0.7	33.1	41	-1	—	—	39	0	4	12	166
ATBARA	01	—	14	3	0	3	—	2.0	—	—	02	—	16	4	5	4	—	9.6	+1.5	30.0	38	-2	27	+1	54	dr	29	33	167
KHARTUM											81	8	14	3	8	8	Sc	11.5	+2.4	23.5	33	-5	23	-2	83	dr	33	62	168
KASSALA	03	8	30	3	—	6	Sc	6.0	—	—	03	8	10	2	1	7	Ac,As	10.0	-1.6	25.0	30	-4	22	-1	76	1	138	150	170
WAD MEDANI											03	—	00	0	6	7	—	11.8	+1.1	24.6	31	-4	22	0	82	1	330	175	171
DUEIM	01	—	—	3	1	3	—	—	—	35																		138	173
RENK																												—	182
ROSEIRES	01	—	—	1	—	3	—				02	—	12	1	1	4	—	12.2	+0.2	24.4	29	-3	22	+1	86	0	271	400	172
EL OBEID	03	8	16	3	1	6	—	6.2	30	53	02	8	16	1	1	6		9.2	-2.9	25.5	31	-2	23	+1	76	0	181	150	174
EL FASHER											02	8	12	1	1	5	Sc	—	—	23.3	32	-2	22	+1	92	3	179	134	175
GENEINA	03	8	24	3	—	6	Cb	—	—	—	03	8	24	2	1	7	Ac,As	—	—	20.9	31	—	19	—	91	18	233	—	179
KADUGLI																											—	—	187
MALAKAL	02	8	14	3	—	5	Cu	8.2	30	58	03	8	20	2	1	8	As	10.6	-2.2	24.1	31	0	22	+1	88	dr	496	534	176
WAU	02	—	18	3	0	5	—	5.0	28	48	01	—	20	1	6	3	—	10.3	-1.2	24.5	29	-3	21	+1	87	1	658	730	177
JUBA	02	8	00	0	1	5	Cu	7.6	29	74	02	8	00	0	1	5	Sc	12.4	-0.4	23.0	32	+1	20	0	83	0	750	681	178

UPPER WINDS ON 30th

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

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P.Said Air
h m	7 h m	7 h m	h m	8 h 15 m	7 h m	7 h m	3 h m	4 h m	7 h m	h m	7 h m	7 h m	h m	8 h m
	023010	023310		023610	023515	053625	030215	061850	061460		072220	062210		023615
	053315	053305		050315	053525	103420	063630	101945	101565		102425	102315		050115
	103315	083015		083620	103535	152615	103625	151820	151560		152310	152210		103620
	152925			103235	153620	202415	153520	201415	201750		201415	202015		142920
	192715			152610	203615	252120	202715	300515	251725		301525	302115		
				201010	251520		303615		301730		402115	402110		
				303110			393630		332230			502515		
				403605										
				501510										
				602120										

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	Wet Bulb Temp °C on 29th	Diff. from normal
Alexandria	71	-2	22.9	+0.4
Ezbekiya	63	+3	22.6	-0.2
Giza	61	-1	22.2	+0.1
Helwan	53	+5	20.6	+0.6

Giza Grass minimum on 30th 16.6 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
30-7	2662	2367
29-7	2547	2263

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	29-7	13.39	-0.26	13.43	-0.21
Nasser	29-7	9.55	+0.11	9.53	+0.11
Malakal	30-7	11.74	+0.20	11.74	+0.22
Roseires	30-7	16.80	-1.10	16.77	-0.95
Sennar Res	29-7	17.21	—	17.20	—
J. Aulia U.S	29-7	375.65	—	375.65	—
J. Aulia D.S	29-7	372.72	-0.86	372.66	-0.79
Khartum	29-7	13.29	-0.50	13.27	-0.41
Kh. el Girba	29-7	13.63	+0.14	12.75	-0.75
Atbara	29-7	12.22	-0.73	12.22	-0.67
Kajnarti	29-7	135.34	-1.21	135.07	-1.29
Aswan Res	30-7	104.20	—	104.71	
Aswan D.S	30-7	88.21	+0.07	88.08	+0.08
Roda (Cairo)	30-7	15.97	+0.03	15.95	+0.03

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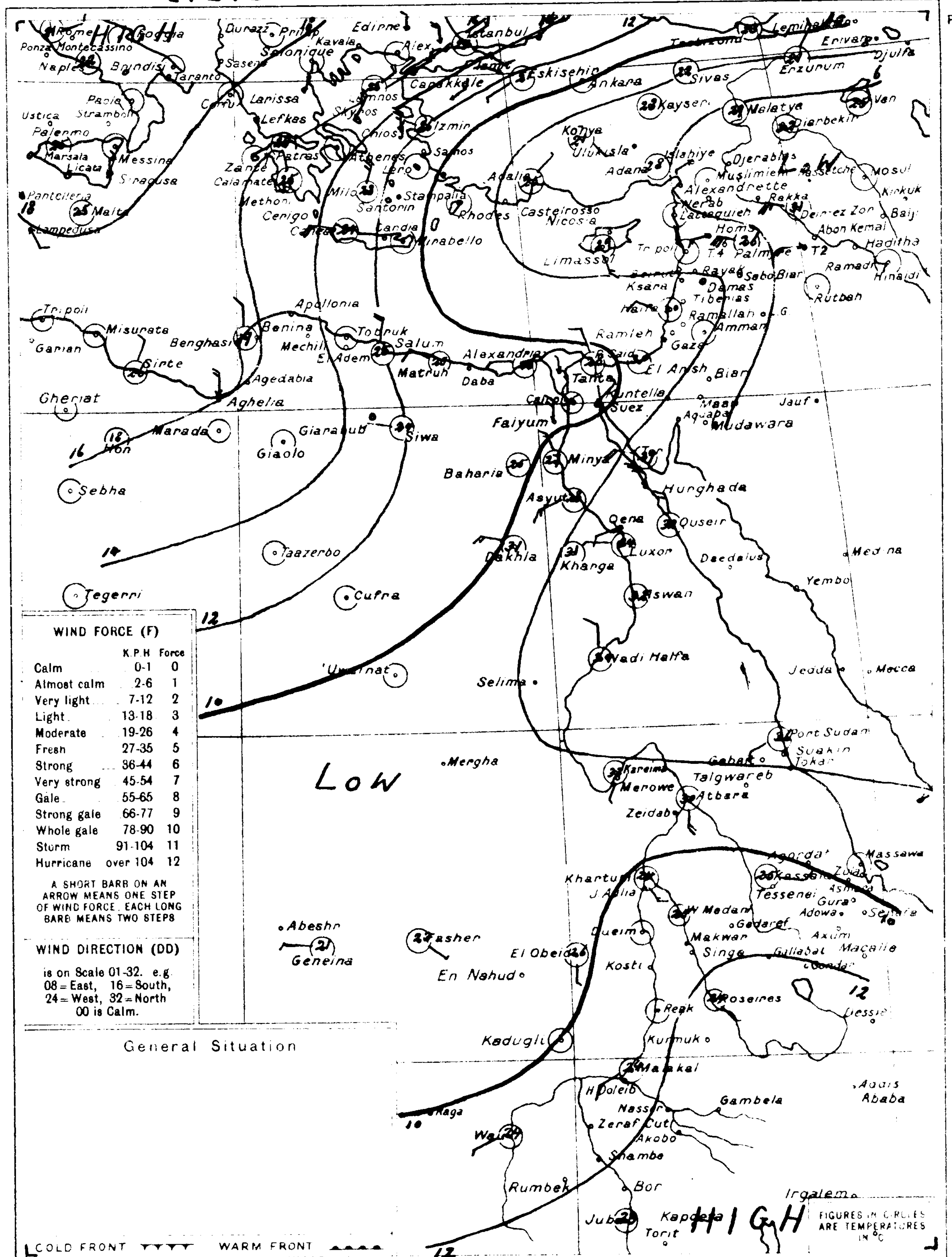
Isobars, Wind and Temperature at 8 h. 30-7-39 ٣٠-٧-٣٩



At 8 h on 30th

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	Total from Oct 1	Normal from Oct 1
Limassol	09	7	14	3	4	0	—	7.8	+0.4	29	—	—	—	—	—	0	610	464
Haifa	02	—	26	2	—	5	—	9.5	+3.5	29.7	32	+1	24	+2	46	0	559	647

SHIPS

Remarks

Kareima total rainfall is 4 mms and not 3 mms, as published on 29-7-39.

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. 50

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	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	60-66
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 13
Sunset h 18 m 50

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JULY 1939 ١٩٣٩ شهر يوليه

١٩٣٩-٧-٣١

At 14 h. on 30th — الساعة ١٤ يوم ٣٠ | At 8 h. on MONDAY 31st — الاثنين ٣١ 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	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	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	01	8	04	4	1	3	Cu	12.6	26.3	65	01	8	30	4	0	1	Cu	14.7	+4.3	23.9	27	—	20	—	75	0	182	—	130
MATRUH	01	7	30	3	1	4	Cu	11.1	27.2	73	01	7	26	3	0	3	Cu	13.5	+2.9	25.2	28	0	21	0	76	0	122	160	131
DIKHEILA	01	8	30	2	0	1	Cu	11.8	26.2	83	01	8	30	3	0	4	Sc	13.5	—	25.9	27	—	25	—	83	0	94	—	150
ALEXANDRIA	00	9	30	3	0	0	—	11.0	28.2	60	02	9	32	2	2	4	Ac	13.3	+3.7	26.0	29	-2	24	+1	72	0	166	185	132
DAMIETTA		7									01	8	28	2	0	2	Ac	12.3	—	27.0	30	—	22	—	76	0	70	107	159
PORT SAID	00	7	30	3	1	0	—	10.3	30.9	59	01	7	28	3	1	3	Ac	12.3	+4.3	26.7	32	+1	24	0	75	0	64	81	134
EL ARISH	00	7	30	3	1	0	—	9.8	29.4	67	00	7	00	0	0	0	—	12.2	—	28.3	30	—	20	—	70	0	130	93	135
DAMANHUR											01	8	24	3	1	3	Cu	13.0	+4.1	27.8	34	+1	20	+1	70	0	29	103	136
MANSURA											01	8	32	2	1	3	Sc	13.3	—	26.2	35	0	21	0	69	0	46	55	137
TANTA	00	7	30	1	0	0	—	9.6	34.0	36	02	7	32	2	1	4	Cu	12.7	+3.3	27.0	35	-1	19	-1	69	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	9.9	33.5	46	00	8	28	2	0	0	—	13.5	—	27.8	34	-1	20	+1	73	0	31	29	139
CAIRO: ALMAZA	00	8	28	1	0	0	—	10.2	33.8	46	00	7	32	2	0	0	—	13.5	—	25.3	35	—	22	—	79	0	18	—	141
CAIRO: EZBEKIYA	00	8	30	1	0	0	—	9.4	34.5	32	01	6	02	1	0	1	St	12.7	+3.6	26.2	36	+1	22	+1	73	0	23	28	—
CAIRO: GIZA	00	8	30	1	0	0	—	9.5	33.6	32	00	6	30	2	0	0	—	13.1	+3.5	24.4	35	0	21	+1	80	0	23	28	—
HELWAN	00	7	28	3	0	0	—	8.8	33.9	19	05	6	00	0	0	0	—	12.7	+3.7	26.0	35	0	22	+1	64	0	26	29	143
SUEZ	00	9	28	1	0	0	—	8.8	34.5	40	00	8	32	2	0	0	—	12.7	+4.1	27.0	37	+1	23	0	71	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	8.8	35.0	24	00	8	32	2	0	0	—	11.6	+2.4	26.6	37	+1	22	+1	66	0	7	8	153
MINYA	00	7	02	3	0	0	—	8.3	35.1	34	00	7	02	2	0	0	—	11.9	+3.6	27.1	36	-1	23	+2	64	0	4	—	154
ASYUT	00	8	26	3	0	0	—	7.4	37.1	26	00	6	22	2	0	0	—	11.5	+3.4	28.0	38	+1	22	-1	44	0	2	4	155
QENA	00	8	22	3	0	0	—	5.8	39.6	25	00	7	26	1	0	0	—	9.9	+3.5	30.9	41	0	25	+1	40	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	6.4	40.0	19	00	8	14	1	0	0	—	10.3	—	34.0	42	—	22	—	36	0	dr	—	157
ASWAN	00	7	26	1	0	0	—	5.5	40.2	20	00	7	00	0	0	0	—	10.2	+3.0	32.5	42	0	28	+2	32	0	1	—	158
SIWA	00	8	28	1	0	0	—	11.8	33.1	61	00	8	04	1	0	0	—	14.4	+3.7	26.0	36	-2	20	-1	76	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.6	35.5	35	00	9	32	1	0	0	—	13.8	—	26.0	37	—	22	—	73	0	1	—	149
KHARGA	00	8	04	2	0	0	—	7.6	40.7	19	00	8	32	2	0	0	—	—	—	31.4	41	+1	24	+2	32	0	dr	tr	151
DAKHLA	00	7	30	4	0	0	—	8.3	37.8	15	00	7	00	0	0	0	—	12.3	+3.4	33.0	39	-1	25	+2	25	0	dr	—	152
RED SEA: TOR	00	6	28	5	0	0	—	6.2	31.5	66	00	6	28	5	0	0	—	9.4	+3.4	29.0	35	+1	26	+2	78	0	20	13	145
RED SEA: HURGHADA	00	9	04	3	0	0	—	6.6	33.5	50	00	9	30	6	0	0	—	9.6	+3.2	31.8	36	+1	25	0	41	0	1	—	146
RED SEA: QUSEIR	00	7	02	3	0	0	—	7.0	31.4	72	00	7	32	3	0	0	—	9.3	+3.4	32.2	33	-1	26	-1	50	0	tr	6	147
RED SEA: PORT SUDAN											00	—	08	2	0	0	—	7.5	+2.3	36.5	44	+3	30	+2	33	0	81	118	169
WADI HALFA											12	8	24	1	1	1	Ac	9.5	+1.6	31.7	43	+2	26	+3	33	—	—	—	165
KAREIMA											01	8	16	2	1	3	Ac	11.1	+3.0	29.8	39	-3	27	0	65	1	5	13	166
ATBARA											02	—	20	3	5	4	—	11.1	+3.0	31.8	38	-2	28	+2	44	dr	29	33	167
KHARTUM											01	8	18	3	1	3	Ac	11.7	+2.5	27.6	33	-5	24	-1	57	dr	33	63	168
KASSALA											01	8	12	2	1	4	Ac	11.5	-0.4	26.0	31	-3	23	0	76	dr	138	153	170
WAD MEDANI											03	—	18	4	1	7	—	12.6	+1.9	24.8	30	-5	21	-1	82	dr	330	179	171
DUEIM											03	—	—	3	1	7	—	12.2	+1.3	26.8	32	-3	24	+2	67	0	171	141	173
RENK																			—		—		—					—	182
POSEIRES											00	—	14	1	0	0	—	13.3	+1.3	23.1	31	-1	20	-1	84	2	273	406	172
EL OBEID											02	8	16	2	1	5	Ac	11.1	-1.0	25.2	33	0	23	+1	76	dr	181	153	174
EL FASHER											25	8	02	2	8	5	Cu,Sc	—	—	22.0	34	0	21	0	91	29	208	138	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL											03	8	32	2	1	6	Ac,Cu	13.1	+0.3	23.0	31	0	21	0	91	40	536	540	176
WAU											03	—	08	1	6	7	—	11.5	0.0	23.0	32	0	21	+1	91	2	660	737	177
JUBA											03	8	00	0	1	6	Sc	13.5	+0.7	22.2	31	0	21	+1	91	0	750	686	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	P. Said. A.P.
h m	7 h m	7 h m	8 h 15 m	8 h 30 m	7 h m	7 h m	4 h m	4 h m	7 h m	h m	7 h m	7 h m	h m	7 h m
	023020	023320	020320	020210	022610	053650	030415	061210	061930		072015	062820		022810
	053435	053320	053615	050210	050420	103535	060435	101315	101935		102125	102425		052910
	093525	103425	103130	083520	100135	153340	100130	152215	151625		152430	152024		102730
		113320	152635	103325	153330	203250	153525	201105	201130		301225	201810		132735
		133120	202320	152840	203030		203205	270535	300950		381260	300820		
		153025		202720			302015		340955			400310		
		172925		232120			401735					500630		
				252225			431830					571030		
				302605										
				352105										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	66	-7	21.9	-0.6
Ezbekiya	55	-5	22.4	-0.4
Giza	58	-4	21.8	-0.3
Helwan	47	-1	19.9	-0.1

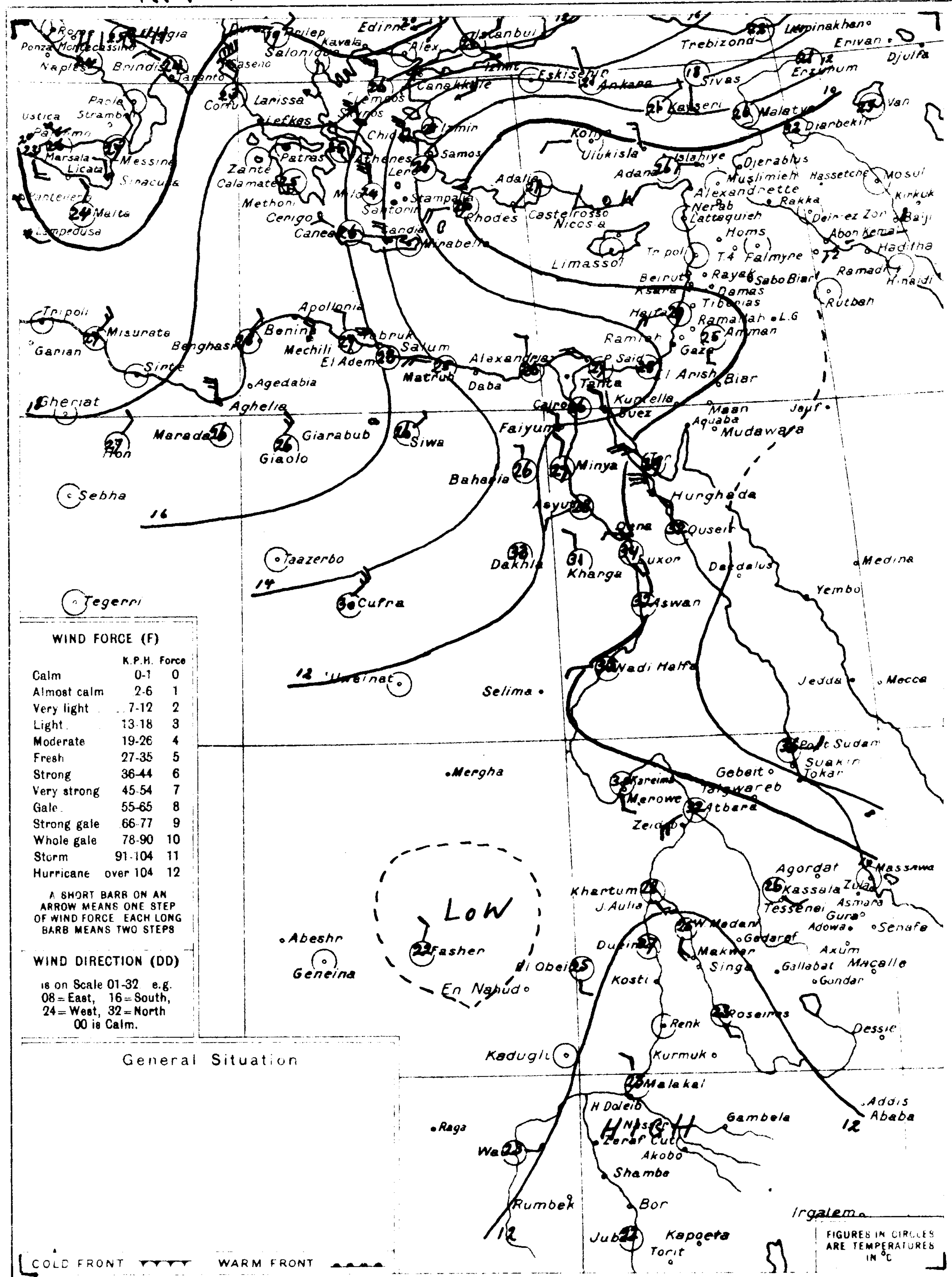
Giza Grass minimum on 31st 16.8 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
31-7	2778	2545
30-7	2662	2367

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day: Reading m	Previous day: Diff. from normal m
Juba	30-7	13.40	-0.25	13.39	-0.26
Nasser	30-7	9.56	+0.10	9.55	+0.11
Malakal	31-7	11.76	+0.20	11.74	+0.20
Roseires	30-7	16.80	-1.10	16.77	-0.95
Sennar Res	30-7	17.21	—	17.21	—
J. Aulia U.S	30-7	375.75	—	375.65	—
J. Aulia D.S	30-7	372.73	-0.95	372.72	-0.86
Khartum	30-7	13.40	-0.54	13.29	-0.50
Kh. el Girba	30-7	13.69	+0.14	13.67	+0.16
Atbara	30-7	12.30	-0.77	12.22	-0.73
Kajnarti	30-7	135.75	-1.02	135.34	-1.21
Aswan Res.	31-7	103.63	—	104.20	—
Aswan D.S	31-7	88.33	+0.06	88.21	+0.07
Roda (Cairo)	31-7	15.95	-0.02	15.97	+0.03

Isobars, Wind and Temperature at 8 h. 31-7-1939



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 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	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	09	7	14	1	4	0	—	9.9	+2.5	28	—	—	—	—	—	0	610	464
Haifa	01	—	22	3	—	3	—	11.6	+5.6	28.7	32	+1	24	+2	58	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	30-37
Fog or Thick Haze	40-49
Mod. Fog, 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

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

Time of Sunrise 05 h 14 m
" " Sunset 18 h 49 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month AUGUST 1939 — شهر اغسطس ١٩٣٩ — ١٩٣٩-٨-١

At 14 h. on 31/7/39 — الساعة ١٤ يوم ٣١/٧/٣٩ ; At 8 h. on TUESDAY 1st — الساعة ٨ يوم الثلاثاء 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 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	Rainfall Total from Oct. 1 mms	Rainfall Normal from Oct. 1 mms	Station number
Mediterranean																													
SALUM	00	8	02	6	0	0	—	14.2	26.9	58	00	7	28	4	0	0	—	13.1	+2.7	23.1	27	—	18	—	77	0	182	—	130
MATRUH	00	7	28	5	0	0	—	13.8	26.7	78	01	7	24	3	1	4	Cu	12.2	+2.6	25.2	28	0	19	-2	81	0	122	160	131
DIKHEILA	01	8	29	3	1	4	Sc	12.4	27.2	83	01	8	28	4	1	4	Sc	12.3	—	25.8	27	—	25	—	84	0	94	—	150
ALEXANDRIA	02	9	32	3	2	4	Ac	12.8	28.3	59	02	9	30	3	2	4	Ac	11.5	+1.9	25.8	30	-1	24	+1	69	0	166	185	132
DAMIETTA											01	8	28	2	1	3	Cu	10.2	—	27.2	30		22		75	0	70	107	159
PORT SAID	00	7	30	3	1	0	—	11.5	30.8	57	01	7	28	5	1	2	—	10.6	+2.6	26.7	32	+1	25	+1	80	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	11.4	29.4	75	01	7	20	2	1	3	Cu	9.9	—	26.2	30	—	22	—	77	0	130	93	135
Lower Egypt																													
DAMANHUR											01	8	24	4	1	3	Cu	11.5	+2.6	27.0	31	-2	21	+2	71	0	29	103	136
MANSURA											01	8	28	2	1	3	Sc	11.1	—	26.7	33	-2	21	0	72	0	46	55	137
TANTA	00	7	00	0	0	0	—	11.9	33.0	39	02	7	28	2	1	5	Cu	11.0	+1.6	27.0	34	-2	19	-2	73	0	41	43	138
ZAGAZIG	00	8	28	2	0	0	—	11.2	33.4	44	02	8	30	1	0	4	Cu	11.4	—	27.4	34	-1	19	0	73	0	31	29	139
Middle Egypt — Cairo																													
ALMAZA	00	8	28	2	0	0	—	9.6	33.2	29	05	7	28	2	2	5	Cu	12.2	—	25.5	34	—	22	—	70	0	18	—	141
EZBEKIYA	00	7	02	2	0	0	—	11.2	33.0	39	02	6	26	1	2	5	Cu	11.4	+2.3	26.8	35	0	22	+1	72	0	23	28	—
GIZA	00	7	02	2	0	0	—	11.1	33.0	37	02	7	28	3	1	5	Cu	11.4	+1.8	25.4	33	-2	20	0	76	0	23	28	—
HELWAN	00	7	26	3	0	0	—	10.7	32.6	29	05	4	28	1	2	4	Cu	11.5	+2.5	23.5	34	-1	20	-1	79	0	26	29	143
SUEZ	00	9	32	1	0	0	—	10.4	34.6	38	02	8	28	3	1	5	Cu	10.4	+1.9	27.3	36	0	23	0	70	0	27	18	144
Upper Egypt																													
FAIYUM	00	8	32	3	0	0	—	11.0	34.0	29	01	7	32	2	0	4	Cu	10.2	+1.0	25.7	36	0	21	0	70	0	7	8	153
MINYA	00	8	30	3	0	0	—	10.6	34.8	37	00	8	32	2	0	0	—	11.1	+2.8	25.7	36	0	21	0	68	0	4	—	154
ASYUT	00	7	22	3	0	0	—	9.8	36.0	25	00	6	22	3	0	0	—	11.0	+2.9	27.5	37	0	21	-2	58	0	2	4	155
QENA	18	4	26	6	3	0	—	8.2	40.6	22	00	8	26	2	0	0	—	9.1	+2.7	30.8	41	0	24	0	43	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	8.3	39.5	23	00	8	22	1	0	0	—	9.8	—	32.9	41	—	23	—	39	0	dr	—	157
ASWAN	00	7	30	4	0	0	—	7.1	41.7	10	02	7	32	2	1	4	Ac	9.1	+1.9	32.0	43	+1	29	+3	26	0	1	—	158
Western Desert																													
SIWA	00	8	28	1	0	0	—	15.4	35.0	51	00	8	00	0	0	0	—	15.2	+4.5	27	37	-1	19	-2	78	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.1	35.0	24	00	9	00	0	0	0	—	12.4	—	—	36	—	20	—	75	0	1	—	149
KHARGA	00	8	04	2	0	0	—	—	40.2	22	00	8	32	2	0	0	—	9.0	+1.2	29.8	40	0	25	+3	34	0	dr	tr	151
DAKHLA	00	7	02	3	0	0	—	10.6	37.6	17	00	8	18	1	0	0	—	11.6	+2.7	31.6	40	0	25	+2	30	0	dr	—	152
Red Sea																													
TOR	00	6	28	6	0	0	—	7.9	34.0	36	00	6	28	5	0	0	—	7.8	+1.8	29.0	35	+1	27	+3	61	0	20	13	145
HURGHADA	00	9	06	5	0	0	—	8.2	35.6	42	00	9	30	6	0	0	—	7.9	+1.5	29.9	36	+1	27	+2	59	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	8.4	33.0	52	00	7	32	4	0	0	—	8.2	+2.3	30.8	34	0	27	0	53	0	tr	6	147
PORT SUDAN	01	—	12	3	0	4	—	7.0	38	25	03	—	12	2	0	7	—	6.7	+1.4	34.7	39	-2	28	0	46	0	81	118	169
North Sudan																													
WADI HALFA	02	8	28	4	2	5	Ac	7.9	43	12	02	8	24	2	1	5	Ac	8.3	+0.4	32.7	43	+2	29	+6	30	—	—	—	165
KAREIMA	01	8	12	1	1	3	Cu	8.4	39	24	05	7	04	1	1	0	—	10.1	+2.0	31.9	40	-2	28	+1	54	tr	5	13	166
ATBARA	02	—	20	1	0	5	—	7.0	39	25	00	—	16	2	6	0	—	9.2	+1.1	32.0	39	-1	25	-1	43	5	34	34	167
KHARTUM	01	8	20	3	1	3	Cu	7.6	36	38	01	8	26	2	1	4	Ac	9.5	+0.3	30.1	37	-1	27	+2	53	0	33	65	168
KASSALA	02	8	20	2	1	5	Cu	7.9	33	44	01	8	14	2	1	2	Ac	10.7	-0.9	27.3	34	0	25	+2	66	0	138	156	170
Central Sudan																													
WAD MEDANI											00	—	22	4	0	0	—	10.7	0.0	27.4	34	-1	24	+2	68	dr	330	183	171
DUEIM	02	—	—	3	1	5	—	9.0	34	35	00	—	—	3	0	0	—	10.6	-0.4	28.6	35	0	24	+2	60	0	171	145	173
RENK																												—	182
ROSEIRES	01	—	30	1	0	4	—	9.0	32	55	00	—	18	1	0	0	—	12.2	+0.3	26.8	34	+2	22	+1	75	0	273	412	172
EL OBEID	02	8	16	2	1	5	Cu	7.6	32	49	01	8	18	3	0	2	Ac	11.5	-0.6	24.8	32	-1	22	+1	76	6	187	156	174
EL FASHER	02	—	14	3	1	5	—	—	26	75	02	8	16	2	1	5	Fn	—	—	22.5	27	-7	21	+1	83	0	208	141	175
GENEINA											22	8	00	0	6	6	St	—	—	20.9	28	—	19	—	95	4	237	—	179
KADUGLI	02	7	16	3	2	5	Cu	10.5	28	77																		—	187
South Sudan																													
MALAKAL	62	8	16	3	4	7	As	12.4	24	87	01	8	14	2	1	3	Cu	13.0	+0.2	24.8	28	-3	21	0	84	1	537	546	176
WAU	03	—	16	1	3	7	—	9.0	30	55	03	—	28	1	6	7	—	12.7	+1.2	21.8	30	-2	20	0	90	15	675	743	177
JUBA	03	8	16	2	1	7	Ac As	11.5	27	63	01	8	00	0	1	4		12.9	+0.1	22.7	28	-3	19	-1	83	0	750	690	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 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	El Obeid 7 h	Malakal 7 h	Juba	P.Said A.P. 7 h
023225	023015	023125	023426	023505	023015	021015	030330	063410	062625		072330	061610		022835
050220	053230	053125	053525	053410	053625	052030	060340	102420	102730		102435	102115		053025
103615	103520	063225	103625	083520	103550	101610	100240	152615	158000		152515	152910		103610
153420	153220	Ent. Cld	Ent. Cu	Ent. Cu	153250	150000	150130	200125	200820		200610	200810		153230
203015					203:50		203215	3[illegible]425	300000		301130	300815		203215
253015							283620		403605		401130	401225		223215
303510												501135		
350315												600940		
400215												661045		
450310														

Forecast for 24 hours from noon on

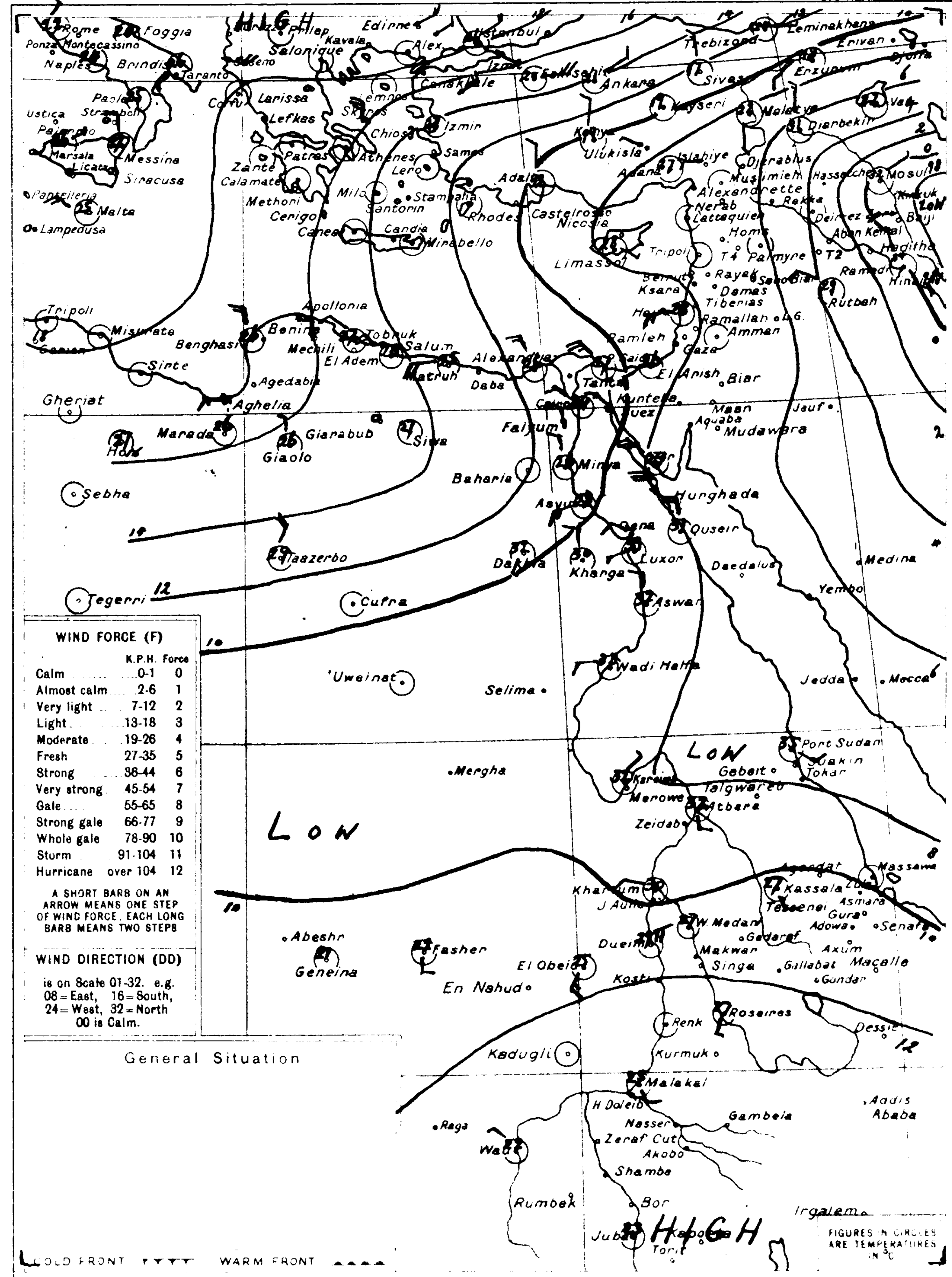
Station	Mean of day Humidity 31/7	Diff. from normal	Wet bulb temp. °C 31/7	Diff. from normal
Alexandria	70	-3	22.3	-0.2
Ezbekiya	61	+1	22.6	-0.2
Giza	64	+1	22.0	-0.1
Helwan	49	+1	20.7	+0.6
Giza Grass min.	1st		15.0	

Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
1-8	2894	2863
31-7	2778	2545

Gauge	Date (1939)	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Juba	1-8	13.43	-0.23	13.47	-0.19
Nasser	31-7	9.62	+0.14	9.56	+0.10
Malakal	1-8	11.76	+0.19	11.76	+0.20
Roseires	1-8	17.65	-0.58	17.60	-0.48
Sennar Res	31-7	17.21	—	17.21	—
J. Aulia U.S.	31-7	375.91	—	375.75	—
J. Aulia D.S.	31-7	372.63	-0.95	372.73	-0.95
Khartum	1-8	13.40	-0.80	13.44	-0.63
Kh. el Girba	30-7	13.69	+0.14	13.67	+0.14
Atbara	1-8	12.70	-0.57	12.70	-0.48
Kajnarti	1-8	136.87	-0.28	136.31	-0.68
Aswan Res	1-8	103.14	—	103.63	—
Aswan D.S.	1-8	88.44	-0.01	88.33	+0.06
Roda (Cairo)	1-8	15.95	-0.05	15.95	-0.02

Isobars, Wind and Temperature at 8 h. 1-8-1939



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 1st — دول

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C	Max. Yesterday °C	Max. Diff. from norm.	Min. Today °C	Min. Diff. from norm.	Humidity	Rainfall Past 24 hrs	Rainfall Total from Oct. 1	Rainfall Normal from Oct. 1
Limassol	09	6	10	1	11	0	—	7.5	+0.1	28	—	—	—	—	—	0	610	464
Halfa	02	—	22	3	—	4	—	9.4	+3.4	27.9	31	0	24	+2	55	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. ...

CAIRO

Time of Sunrise 05 h 14 m
" " Sunset 18 h 48 m

Month AUGUST 1939 شهر اغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h on 1st | At 8 h on WEDNESDAY 2nd الأربعاء 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	Present weather ww	Visibility V	Wind Dir DD	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	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	01	8	02	6	0	2	Cu	11.9	26.4	69	00	7	30	5	0	0	—	9.3	-1.1	24.3	28	—	19	—	75	0	182	—	130
MATRUH	00	7	28	5	0	0	—	11.8	27.3	76	00	7	26	4	0	0	—	8.0	-1.6	25.8	27	-1	21	0	80	0	122	160	131
DIKHEILA	01	8	28	3	1	4	Cu	11.4	27.1	85	05	7	26	4	1	4	Sc	7.5	—	26.0	28	—	25	—	90	0	94	—	150
ALEXANDRIA	02	9	30	4	2	4	Ac	10.6	28.5	64	02	9	28	3	2	5	Ac	6.6	-3.0	26.0	30	-1	24	+1	80	0	166	185	132
DAMIETTA											02	8	24	2	1	4	Cu	5.5	—	28.0	29	—	22	—	82	0	70	107	159
PORT SAID	00	8	28	6	0	0	—	9.3	31.2	60	01	8	28	4	1	2	Cc	6.0	-2.0	27.2	32	+1	24	0	83	0	64	81	134
EL ARISH	01	7	30	3	1	2	Cu	9.0	29.0	69	01	7	22	3	1	2	Cu	5.1	—	27.7	31	—	23	—	78	0	130	93	135
DAMANHUR											02	6	24	4	2	4	Cu	6.7	-2.2	28.0	32	-1	22	+3	76	0	29	103	136
MANSURA											01	6	28	3	1	4	Sc	5.9	—	27.0	33	-2	23	+2	80	0	46	55	137
TANTA	02	7	28	2	1	4	Ac	9.6	32.0	49	03	6	28	2	1	7	Cu	6.7	-2.8	27.0	33	-3	22	+1	80	0	41	43	138
ZAGAZIG	00	8	30	1	1	0	—	8.8	33.4	45	02	8	28	1	1	4	Cu	6.6	—	28.8	33	-2	21	+2	75	0	31	29	139
CAIRO ALMAZA	01	8	28	2	1	2	Cu	10.2	32.0	33	03	7	20	3	2	6	Sc	7.6	—	25.9	33	—	23	—	70	0	18	—	141
CAIRO EZBEKIYA	01	7	30	2	1	1	Cu	9.0	33.8	40	03	7	28	2	2	6	Cu	6.8	-2.4	25.9	35	0	23	+2	72	0	23	28	—
CAIRO GIZA	01	7	30	2	1	1	Cu	9.1	32.6	41	03	6	28	2	2	7	Sc	7.2	-2.4	25.6	34	-1	21	+1	75	0	23	28	—
HELWAN	00	8	28	3	1	0	—	8.8	32.2	33	05	6	26	2	2	5	Cu	7.1	-1.9	24.3	34	-1	22	+1	72	0	26	29	143
SUEZ	00	9	28	2	0	0	—	8.4	32.7	46	00	7	28	2	0	0	—	6.6	-1.9	24.0	35	-1	23	0	76	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	9.5	33.4	29	01	7	32	3	0	2	Cu	7.5	-1.7	26.4	36	0	22	+1	69	0	7	8	153
MINYA	00	6	32	4	0	0	—	9.0	33.3	33	01	7	30	2	1	4	Cu	7.1	-1.3	24.9	34	-2	21	0	74	0	4	—	154
ASYUT	00	7	28	4	0	0	—	8.7	32.8	35	00	6	24	3	0	0	—	7.4	-0.8	26.0	35	-2	20	-3	62	0	2	4	155
QENA	00	8	26	4	0	0	—	7.1	38.3	24	00	8	22	2	0	0	—	6.3	-0.2	29.0	39	-2	23	-1	48	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	7.5	37.5	27	00	8	22	2	0	0	—	6.2	—	31.9	39	—	24	—	36	0	dr	—	157
ASWAN	01	7	30	3	1	4	Ac	6.0	40.2	15	00	7	02	1	0	0	—	6.8	-0.4	33.0	41	-1	26	0	25	0	1	—	158
SIWA	00	8	28	1	0	0	—	12.3	34.8	54	00	8	28	1	0	0	—	9.9	-0.8	24.1	36	-2	18	-3	75	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.8	34.0	27	00	9	00	0	0	0	—	8.3	—	25.0	25	—	19	—	68	0	1	—	149
KHARGA	00	8	04	3	0	0	—	7.0	38.7	24	00	8	00	0	0	0	—	7.6	-0.2	29.5	39	-1	23	+1	34	0	dr	tr	151
DAKHLA	00	8	30	4	0	0	—	10.3	36.3	22	01	7	26	1	1	4	Ac	8.6	-0.3	27.5	38	-2	22	-1	41	0	dr	—	152
TOR	01	6	28	6	0	2	Cu	5.9	30.1	61	00	6	28	5	0	0	—	3.9	-2.1	29.0	34	0	27	+3	71	0	20	13	145
HURGHADA	00	9	06	6	0	0	—	6.3	33.6	42	00	9	30	4	0	0	—	4.7	-1.7	29.5	35	0	26	+1	61	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	7.4	30.2	71	00	7	32	2	0	0	—	5.3	-0.6	30.0	33	-1	25	-2	64	0	tr	6	147
PORT SUDAN	72	7	20	3	1	—	—	6.0	40	36	00	—	28	4	0	0	—	5.6	+0.3	38.7	40	-1	32	+4	24	0	81	118	169
WADI HALFA	06	8	14	4	1	5	Sc	—	—	—	01	8	32	2	1	4	Ac	6.8	-1.2	32.2	43	+2	29	+6	28	—	—	—	165
KAREIMA	00	8	02	1	1	0	—	6.5	41	15	05	7	20	2	1	4	Ac	8.2	0.0	29.7	43	+1	27	0	47	0	5	14	166
ATBARA	01	—	02	2	—	4	—	—	—	—	01	—	16	2	3	4	—	10.3	+2.1	29.0	42	+2	26	0	52	0	34	35	167
KHARTUM	10	8	28	2	2	4	Cu	—	37	36	03	8	00	0	8	6	AcAs	9.0	0.0	25.7	39	+1	23	-2	69	20	53	67	168
KASSALA											01	8	16	1	1	4	Ac	9.1	-2.5	25.5	33	-1	22	-1	76	3	141	160	170
WAD MEDANI											03	—	12	2	2	7	—	10.6	-0.1	23.0	35	0	21	-1	88	11	341	188	171
DUEIM											01	—	—	3	6	4	—	9.1	-1.9	25.4	37	+2	21	-1	75	81	252	148	173
RENK	02	7	16	1	1	5	Cu	8.7	33	44																		—	182
ROSEIRES	01	—	—	1	—	4	—	8	33	35	01	—	06	1	5	4	—	12.6	+0.7	22.3	36	+4	21	0	92	56	329	419	172
EL OBEID											03	8	12	1	9	8	Sc	10.5	-1.6	21.8	33	0	20	-1	82	17	204	160	174
EL FASHER																												146	175
GENEINA	03	8	02	3	2	7	—	—	38	57																		—	179
KADUGLI																												—	187
MALAKAL											21	8	08	3	2	8	Cb	11.8	-1.0	24.0	32	+1	22	+1	86	dr	537	552	176
WAU											01	—	20	2	1	4	—	11.3	-0.2	22.5	30	-2	20	0	87	0	675	750	177
JUBA											02	8	00	0	1	5	Cu	12.1	-0.7	23.7	32	+1	21	+1	83	0	750	693	178

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

UPPER WINDS ON 2nd ٢ يوم

SALUM 7 h	MATRUH 7 h	DIKHEILA 8 h	CAIRO 8 h	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 3 h	KAREIMA 4 h	KHARTUM 7 h	KASSALA	EL OBEID 7 h	MALAKAL	JUBA	P. Said A.P. 6 h
020230	023130	023125	023015	022915	022925	023305	030330	061850	062425		071320			023035
053620	053425	053330	053110	053010	053015	053530	060135	101755	101725		101210			053425
071010	090130	103625	Ent Cu	Ent Cu	103245	103450	100125	152345	151515		153315			
081315		153320			153135	153335	153315	200210	200825		200605			
100610		203420				203260	203140	300635	250535		262320			
110310		213415					243125	330630	300545					
153515									400655					
200725									500860					
250665									572135					
303520														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	-3	22.6	0.0
Ezbekiya	61	0	23.2	+0.4
Giza	64	+1	22.8	+0.7
Helwan	57	+8	20.9	+0.8

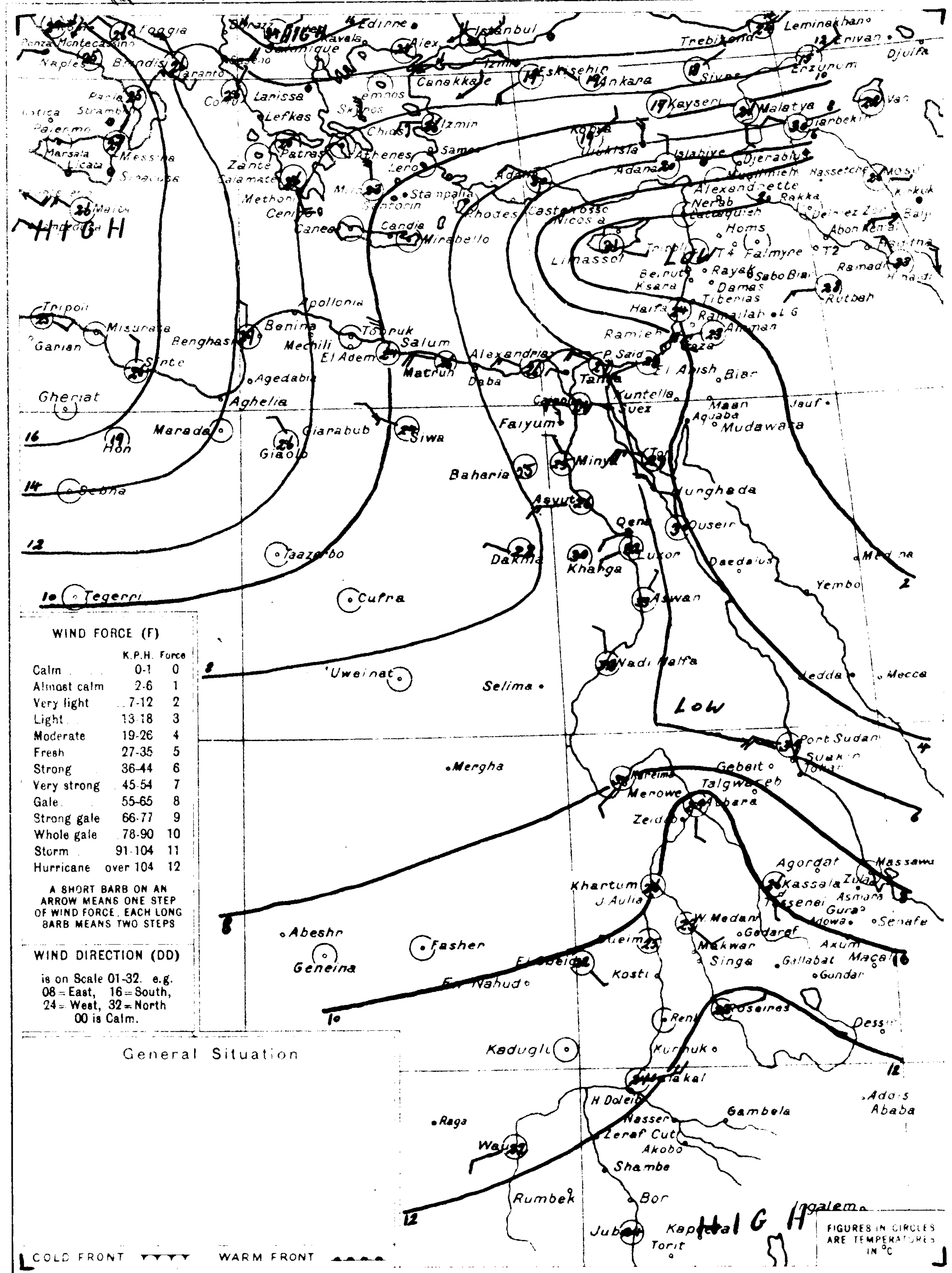
Giza Grass minimum on 2nd 16.5°C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
2-8	3009	3499
1-8	2894	2863

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	1-8	13.43	-0.23	13.47	-0.19
Nasser	1-8	9.63	+0.16	9.62	+0.14
Malakal	2-8	11.77	+0.18	11.76	+0.19
Roseires	2-8	17.62	-0.80	17.65	-0.58
Sennar Res	1-8	17.19	—	17.21	—
J. Aulia U.S	1-8	375.94	—	375.91	—
J. Aulia D.S	1-8	372.85	-1.03	372.83	-0.95
Khartum	2-8	13.43	-0.87	13.40	-0.80
Kh. el Girba	1-8	13.35	-0.27	13.40	-0.18
Atbara	1-8	12.70	-0.5	12.70	-0.48
Kajnarti	1-8	136.87	-0.28	136.31	-0.68
Aswan Res.	2-8	102.72	—	103.10	—
Aswan D.S.	2-8	88.59	+0.01	88.44	-0.01
Roda (Cairo)	2-8	15.96	-0.11	15.95	-0.05

٢-٨-١٩٣٩ Isobars, Wind and Temperature at 8 h. 2-8-1939



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.

SCALE 1:15 000 000

At 8 h. on 2nd ٢ أغسطس

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	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	1	0	0	—	1.8	-5.6	31	—	—	—	—	—	0	610	464
Haifa	02	—	14	3	—	5	—	3.6	-2.4	23.9	31	0	26	+4	62	0	551	447
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	08
Distant Fog	09
Rain in sight	[illegible]
Thunder	[illegible]
Distant Duststorm	[illegible]
Squall	[illegible]
Slight Duststorm	[illegible]
Rain past hour	[illegible]
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog	[illegible]
Thick	[illegible]
Fog	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Rain	[illegible]
with Hail	[illegible]
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 15 m
Time of Sunset 18 h 48 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month AUGUST 1939 — ١٩٣٩ شهر اغسطس

At 14 h. on 2nd (الساعة ١٤ يوم ٢) — At 8 h. on THURSDAY 3rd (الساعة ٨ يوم الخميس ٣)

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	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity % UU	Rain Past 24 hrs mm	Total from Oct 1 mm	Normal from Oct 1 mm	Station Number
SALUM	00	8	02	6	0	0	—	8.2	27.6	61	09	6	26	4	0	0	—	9.6	-0.8	21.9	30	—	19	—	90	0	182	—	130
MATRUH	00	7	28	4	0	0	—	7.9	27.4	81	00	7	24	3	0	0	—	8.7	-0.9	25.5	28	0	20	-1	85	0	122	160	131
DIKHEILA	01	8	26	4	1	3	Sc	7.1	27.4	87	01	8	26	3	1	3	Sc	9.0	—	26.3	28	—	25	—	84	0	94	—	150
ALEXANDRIA	01	9	28	5	2	3	Ac	6.4	28.2	70	02	9	28	2	2	4	Ac	8.3	-1.4	26.3	30	-1	24	+1	74	0	166	185	132
DAMIETTA											01	8	20	1	1	4	Cu	7.5	—	27.6	32	—	22	—	81	0	70	107	159
PORT SAID	00	8	28	4	1	0	—	4.8	33.0	39	02	6	28	3	1	5	Sc	7.6	-0.4	26.6	34	+3	25	+1	85	0	64	81	134
EL 'ARISH	00	7	30	3	1	0	—	4.7	30.0	76	01	7	22	2	1	2	Cu	7.4	—	27.8	32	—	24	—	80	0	130	93	135
DAMANHUR											00	6	24	3	0	0	—	8.4	-0.5	28.0	33	0	21	+2	72	0	29	103	136
MANSURA											01	4?	16	1	1	4	Sc	7.9	—	26.2	34	-1	21	0	82	0	46	55	137
TANTA	00	8	00	0	0	0	—	5.5	33.8	56	01	8	00	0	1	3	Cu	8.8	-0.7	27.7	34	-2	20	-1	79	0	41	43	138
ZAGAZIG	00	8	26	1	0	0	—	5.4	35.4	44	01	8	20	1	1	4	Cu	10.0	—	28.8	35	0	22	+3	70	0	31	29	139
CAIRO ALMAZA	00	8	24	3	0	0	—	6.3	34.3	36	02	6	24	2	1	4	Cu	9.4	—	26.9	36	—	23	—	73	0	18	—	141
EZBEKIYA	00	7	30	2	0	0	—	5.4	35.2	42	01	6	30	2	1	3	Cu	8.7	-0.5	26.7	37	+2	23	+2	72	0	23	28	—
GIZA	00	7	30	2	1	0	—	5.0	34.4	39	02	6	00	0	2	4	Cu	8.8	-0.8	24.9	36	+1	21	+1	80	0	23	28	—
HELWAN	01	8	28	2	1	3	Cu	4.7	33.5	27	05	5	28	1	0	2	Cu	8.7	-0.4	24.9	36	+1	22	+1	76	0	26	29	143
SUEZ	01	9	18	1	1	3	Cu	4.3	32.7	53	00	7	30	2	0	0	—	8.0	-0.6	26.8	35	-1	24	+1	74	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	5.5	34.5	39	00	8	02	2	0	0	—	10.4	+1.2	26.5	38	+2	22	+1	70	0	7	8	153
MINYA	00	8	26	3	1	0	—	5.4	34.5	38	00	6	30	1	0	0	—	8.3	-0.1	27.4	36	0	24	+3	66	0	4	—	154
ASYUT	00	7	28	3	0	0	—	6.0	33.2	34	00	6	20	2	0	0	—	8.4	+0.2	29.0	35	-2	22	-1	43	0	2	4	155
QENA	00	7	28	5	0	0	—	4.8	37.4	26	00	8	22	2	0	0	—	7.6	+1.2	29.0	38	-3	20	-4	42	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	5.4	37.2	29	00	8	18	1	0	0	—	8.7	—	31.5	38	—	20	—	41	0	dr	—	157
ASWAN	02	7	30	2	1	4	Cu	4.4	39.1	16	00	7	00	0	0	0	—	8.0	+0.7	30.8	40	-2	26	0	33	0	1	—	158
SIWA	00	8	28	1	0	0	—	8.7	33.4	61																		8	148
BAHARIYA	00	9	32	1	0	0	—	7.1	34.5	32	00	9	00	0	0	0	—	9.3	—	28.5	36	—	20	—	55	0	1	—	149
KHARGA	00	8	04	3	0	0	—	5.3	40.2	19	00	8	28	1	0	0	—	8.8	+1.0	28.8	40	0	22	0	37	dr	tr	—	151
DAKHLA	00	7	30	5	0	0	—	7.0	36.7	21	00	8	30	1	0	0	—	10.7	+1.7	27.0	39	-1	20	-3	25	0	dr	—	152
TOR	01	6	28	6	0	1	Cu	3.2	32.0	46	00	6	28	3	0	0	—	6.8	+0.8	29.3	35	+1	25	+1	79	0	20	13	145
HURGHADA	00	9	04	3	0	0	—	3.8	32.6	54	00	9	30	3	0	0	—	7.2	+0.8	30.6	34	-1	25	0	65	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	4.4	30.1	72	00	7	32	2	0	0	—	6.6	+0.7	33.0	33	-1	27	0	34	0	tr	6	147
PORT SUDAN	01	—	08	3	—	4	—	4.0	42	36	00	—	08	2	0	0	—	8.6	+3.3	35.0	44	+3	30	+2	59	0	81	118	169
WADI HALFA	01	9	26	3	1	2	Ac	4.5	41	20	01	8	30	2	0	2	Ac	7.9	-0.1	32.2	44	+3	26	+3	33	—	—	—	165
KAREIMA	05	7	16	3	1	8	As	6.8	39	23	63	7	32	2	8	7	Sc	11.7	+3.5	28.6	39	-2	28	+1	58	1	6	14	166
ATBARA	02	—	20	2	1	5	—	6.0	37	25	00	—	18	3	0	0	—	11.8	+3.6	29.5	37	-3	26	+1	49	0	34	37	167
KHARTUM	03	9	20	3	1	7	Cb	7.2	31	59	12	7	18	4	1	7	Ns	13.3	+4.1	23.6	33	-4	23	-2	75	0	53	69	168
KASSALA	02	8	—	—	—	5	Cu,Ac	6.0	33	39	02	8	14	3	1	5	Ac	11.9	+0.3	24.5	34	0	20	-2	64	8	149	164	170
WAD MEDANI	02	—	22	3	1	5	—	8.0	29	65	03	—	18	4	1	7	—	13.8	+3.1	21.6	30	-5	20	-2	91	0	341	193	171
DUEIM	03	—	—	3	1	7	—	9.0	29	55	01	—	—	3	1	4	—	13.5	+2.5	22.8	31	-4	21	-1	79	0	252	152	173
RENK	02	7	10	2	1	5	Cu	8.0	32	49																			182
ROSEIRES	03	—	14	1	0	7	—	9.0	30	65	50	—	10	1	6	—	—	17.2	+5.3	21.0	32	0	20	-1	96	29	358	426	172
EL OBEID	03	8	20	3	1	6	Cu	7.5	29	58	03	8	14	2	1	8	Ac,Cb	13.6	+1.5	23.1	30	-3	22	+1	91	0	204	163	174
EL FASHER	02	—	12	1	5	5	—	—	26	75	03	9	20	1	9	6	Sc	—	—	21.3	29	-5	20	0	91	20	228	151	175
GENEINA	03	8	24	1	2	6	St	—	27	56	02	8	00	0	1	5	Sc	—	—	21.0	31		19	—	96	dr	238	—	179
KADUGLI	03	7	20	4	2	7	Ac	8.2	31	59																			187
MALAKAL	02	8	06	1	8	5	As,Cu	10.2	24	74	03	8	16	3	1	8	Ac,As	16.0	+3.2	21.2	26	-5	18	-3	91	0	537	558	176
WAU											03	—	20	1	6	7	—	14.3	+2.8	21.0	31	-1	19	-1	91	12	687	757	177
JUBA																												696	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 7 h	CAIRO	HELWAN 8 h 30 m	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
023120	022920	023015		023210	022720	051015	031210	062140	061555	061710	071710	061925	
053510	053420	053225		053110	051205	103615	060620	102145	101745	102025	102420	101725	
103310	103125	103025		083615	103320	152930	100315	152520	152325	152330	151915	152100	
153220				103210	153120	202750	153310	203005	202315	202620	201815	201725	
203615				152820	203215		202730	223105	300725	300115	301415	301610	
253615				202720			302630		400935	400310	351415	401325	
303225				232715			332535		500410	430515		501215	
353425				252815									
403320				302920									
				322915									

Forecast for 24 hours from noon on

(Arabic line, illegible)

Mean of day — Humidity % / Wet bulb temp. °C

STATION	Humidity 2nd	Diff. from normal	Wet bulb 2nd	Diff. from normal
Alexandria	81	+9	23.7	+1.1
Ezbekiya	59	-2	23.7	+0.8
Giza	61	-2	23.1	-0.9
Helwan	57	+8	21.9	+1.8

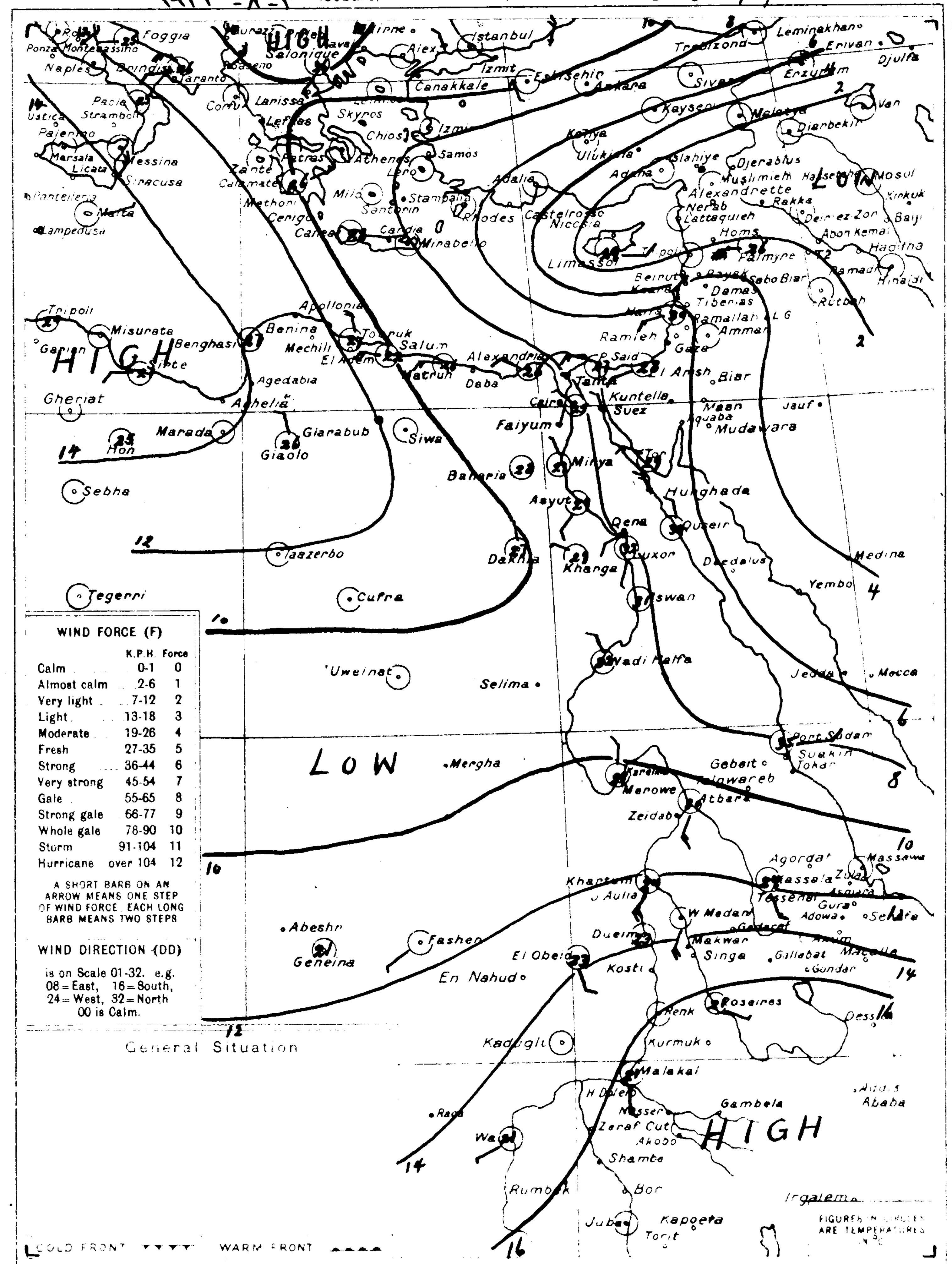
Giza grass minimum on 3rd 16.5

Nile discharge at Aswan, measured in millions of cubic metres per second

DATE	1939	1938
3 - 8	3068	3815
2 - 8	3009	3499

GAUGE	Date 1939	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Juba	2 - 8	13.45	-0.21	13.43	-0.23
Nasser	2 - 8	9.63	+0.14	9.63	+0.16
Malakal	3 - 8	11.78	+0.18	11.77	+0.18
Roseires	3 - 8	18.02	-0.63	17.62	-0.80
Sennar Res	1 - 8	17.19	—	17.21	—
J. Aulia U.S.	3 - 8	376.07	—	375.99	—
J. Aulia D.S.	3 - 8	372.85	-1.23	372.86	-1.12
Khartum	2 - 8	13.43	-0.87	13.40	-0.80
Khashm el Girba	2 - 8	13.45	-0.22	13.35	-0.27
Atbara	2 - 8	12.78	-0.64	12.70	-0.57
Kajnarty	3 - 8	137.15	-0.66	137.16	-0.34
Aswan Res	3 - 8	102.65	—	102.72	—
Aswan D.S.	3 - 8	88.64	-0.21	88.59	-0.01
Roda (Cairo)	3 - 8	15.95	-0.17	15.95	-0.11

Isobars, Wind and Temperature at 8 h. 3-8-1939 (١٩٣٩-٨-٣)



SCALE 1:15 000 000

At 8 h. on 3rd (٣)

STATION	ww	V	DD	F	W	N	C	PPP	Diff.	Dry Bulb	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	7	08	2	0	0	—	1.4	-6.0	29	—	—	—	—	—	0	110	464
Haifa	01	—	22	3	—	7	—	6.8	+0.8	29.7	32	+1	25	+3	58	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 13
- Slight Duststorm 15
- Rain in past hour 20-29
- Slight Thunderstorm 38
- Heavy Thunderstorm 39
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick „ 42
- Fog in patches 44
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- „ of Snow 83, 84
- „ of Sleet 85, 86
- „ of Hail 88, 89
- Thunderstorm 90-99
- „ ended, now Rain 91
- „ with Hail 94-96
- „ with Duststorm 98
- „ heavy, with Hail 99

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

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

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

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

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CAIRO

Time of Sunrise h. m. ٥ ١٥

,, ,, Sunset 18 47

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 3-8-39 الساعة ١٤ يوم ٣/٨ — At 8 h. on FRIDAY 4th الساعة ٨ يوم الجمعة ٤

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.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM	00	8	02	5	0	0	—	12.0	27.7	51	00	6	30	5	4	0	—	11.4	+0.9	25.2	28	—	20	—	77	0	182	—	130
MATRUH	00	7	28	4	0	0	—	8.8	27.4	80	02	7	22	3	2	5	Cu	10.6	+0.9	26.2	28	0	20	-1	82	0	122	160	131
DIKHEILA	01	8	26	3	0	1	Cu	9.8	28.0	79	01	8	22	1	1	4	Sc	11.8	—	27.0	28	—	20	—	77	0	94	—	150
ALEXANDRIA	00	9	30	3	0	0	—	8.8	29.5	61	02	9	24	[illegible]	—	4	Ac	11.2	+1.5	25.6	31	0	23	0	79	0	166	185	132
DAMIETTA											04	7	18	4	0	1	Ac	10.2	—	27.2	30	—	21	—	80	0	70	107	159
PORT SAID	00	8	28	2	2	0	—	9.9	30.4	64	01	8	28	2	1	2	Cs	11.1	+3.0	25.2	33	+2	25	+1	88	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	7.4	30.3	75	00	7	00	0	0	0	—	11.1	—	28.8	31	—	21	—	74	0	130	93	135
DAMANHUR											00	6	20	3	0	0	—	11.5	+2.6	27.8	33	0	19	0	66	0	29	103	136
MANSURA											00	8	12	1	0	0	—	11.0	—	26.0	35	0	20	-1	76	0	46	55	137
TANTA	01	7	00	0	1	4	Ac	7.9	34.0	45	00	7	00	0	0	0	—	11.4	+1.9	27.0	34	-2	18	-3	77	0	41	43	138
ZAGAZIG	01	8	20	2	1	1	—	8.3	34.9	42	00	8	30	1	0	0	—	11.6	—	25.4	35	0	19	0	92	0	31	29	139
CAIRO ALMAZA	01	8	26	3	0	1	Cu	8.3	35.5	20	05	6	24	1	0	0	—	11.5	—	26.3	36	—	22	—	67	0	18	—	141
CAIRO EZBEKIYA	01	7	02	1	1	3	Cu	7.9	35.8	29	08	4	32	1	0	0	—	11.0	+1.7	27.6	38	+3	22	+1	66	0	23	28	—
CAIRO GIZA	01	7	02	1	1	3	Cu	7.6	35.0	28	08	4	32	1	0	0	—	10.8	+1.2	25.2	36	+1	18	-2	77	0	23	28	—
HELWAN	01	9	30	3	0	1	Cu	7.9	34.4	24	09	3	00	0	1	4	Ci	11.1	+2.0	26.1	36	+1	23	+2	58	0	26	29	143
SUEZ	00	9	08	1	0	0	—	7.4	36.0	33	00	7	00	0	0	0	—	11.0	+2.4	28.9	38	+2	24	+1	71	0	27	18	144
FAIYUM	01	8	30	2	0	3	—	8.3	36.2	26	00	8	00	0	0	0	—	10.8	+1.5	30.1	38	+2	21	0	52	0	7	8	153
MINYA	01	7	02	3	1	3	Cu	7.4	36.2	31	00	7	32	1	0	0	—	10.2	+1.8	28.8	37	+1	22	+1	52	0	4	—	154
ASYUT	00	8	30	2	1	0	—	7.6	35.4	28	00	6	26	2	0	0	—	10.8	+2.4	28.4	38	+1	22	-1	39	0	2	4	155
QENA	00	8	28	3	0	0	—	6.7	38.2	30	00	8	28	1	0	0	—	10.3	+3.8	29.5	39	-2	23	-1	47	0	dr	—	156
LUXOR	00	8	22	2	0	0	—	7.1	39.5	26	00	8	26	2	0	0	—	10.3	—	31.9	41	—	21	—	50	0	dr	—	157
ASWAN	01	7	24	1	0	3	Ac	7.8	39.8	19	01	7	00	0	0	3	Sc	10.3	+3.0	34.8	41	-1	27	+1	26	0	1	—	158
SIWA	00	8	00	0	0	0	—	11.2	36.0	54	00	8	00	0	0	0	—	12.4	+1.7	31.1	37	-1	20	-1	73	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.3	36.0	31	00	9	00	0	0	0	—	11.5	—	28.2	37	—	21	—	43	0	1	—	149
KHARGA	00	8	00	0	0	0	—	6.8	40.6	18	00	8	00	0	0	0	—	10.2	+2.3	29.2	41	+1	21	-1	35	0	dr	tr	151
DAKHLA	02	8	26	3	1	4	Ac	8.8	38.0	12	00	8	28	1	0	0	—	—	—	27.0	40	0	22	-1	28	0	dr	—	152
TOR	01	6	28	3	0	1	Cu	6.0	35.2	51	00	6	28	3	0	0	—	9.6	+3.6	29.5	39	+5	22	-2	79	0	20	13	145
HURGHADA	01	9	06	2	0	3	St	6.7	35.0	49	00	9	30	3	0	0	—	9.9	+3.5	31.2	36	+1	24	-1	53	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	7.6	30.4	—	00	7	32	2	0	0	—	9.6	+3.7	31.7	33	-1	26	-1	51	0	tr	6	147
PORT SUDAN											03	—	24	3	8	7	—	10.0	+4.6	33.0	44	+3	28	0	39	dr.	81	118	169
WADI HALFA											02	8	22	5	1	5	Ac	11.2	+3.2	32.8	43	+2	25	+2	30	—	—	—	165
KAREIMA											61	7	12	3	6	7	St	15.7	+7.5	27.1	35	-6	26	-1	69	tr.	6	15	166
ATBARA											03	—	12	2	1	7	—	16.3	+8.1	27.2	36	-4	25	0	61	0	34	38	167
KHARTUM											03	9	16	3	1	7	Sc,Ac	15.2	+6.0	25.4	32	-5	23	-2	76	0	53	72	168
KASSALA											03	8	10	2	1	6	Ac	14.8	+3.2	26.3	30	-4	23	+1	62	dr	149	168	170
WAD MEDANI											02	—	14	4	0	4	—	15.5	+4.7	24.1	28	-7	21	-1	83	3	344	198	171
DUEIM											03	—	—	3	1	7	—			24.6	31	-4	22	0	77	0	252	155	173
RENK																			—									—	182
ROSEIRES											00	—	08	1	0	0	—	15.9	+4.0	24.6	27	-5	20	-1	83	3	361	433	172
EL OBEID											01	8	20	2	0	4	Ac	14.0	+1.9	24.1	28	-5	22	+1	83	dr	204	167	174
EL FASHER											03	8	20	1	1	6	Sc,Ac	—	—	22.3	30	-3	21	+1	91	dr	228	156	175
GENEINA											02	8	12	1	1	5	Cu	—	—	21.1	30	—	19	—	91	dr	238	—	179
KADUGLI																												—	187
MALAKAL											03	8	02	2	1	8	Ac,Cs	16.6	+3.8	24.1	30	-1	21	0	89	1	538	564	176
WAU											02	—	32	1	1	4	—	13.9	+2.4	25.2	31	-1	21	+1	78	0	687	764	177
JUBA											42	8	00	0	4	4	Sc	16.0	+3.2	21.8	29	-2	19	-1	91	2	809	699	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.

4th W

	SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	SALUM 3rd
h.	7		6					2	4	7	7	7	7		13
	02.34.30		01.26.05					03.22.30	06.22.25	06.17.30	06.12.10	07.25.15	06.06.15		02.02.35
	05.33.30		02.28.10					06.24.40	10.21.25	10.21.25	10.26.05	10.23.20	10.35.10		05.35.25
	10.34.30		05.30.05					10.22.35	15.23.20	15.23.30	15.25.15	15.23.20	15.29.10		10.29.20
	15.34.20		10.29.10					15.27.10	20.24.15	20.24.25	20.26.05	20.27.10	20.18.15		15.28.25
	20.33.35		15.28.45					20.27.10	30.30.05	25.24.10	30.23.05	30.26.15	30.13.15		20.30.10
	25.33.60		20.27.45					30.16.20	34.31.10	30.09.10	40.07.20	34.25.20	40.11.15		25.33.10
	30.32.50		25.28.20					35.22.15		40.11.25			50.11.40		30.32.25
										50.07.20			60.15.15		35.31.25
													70.12.25		40.30.10
													80.08.15		

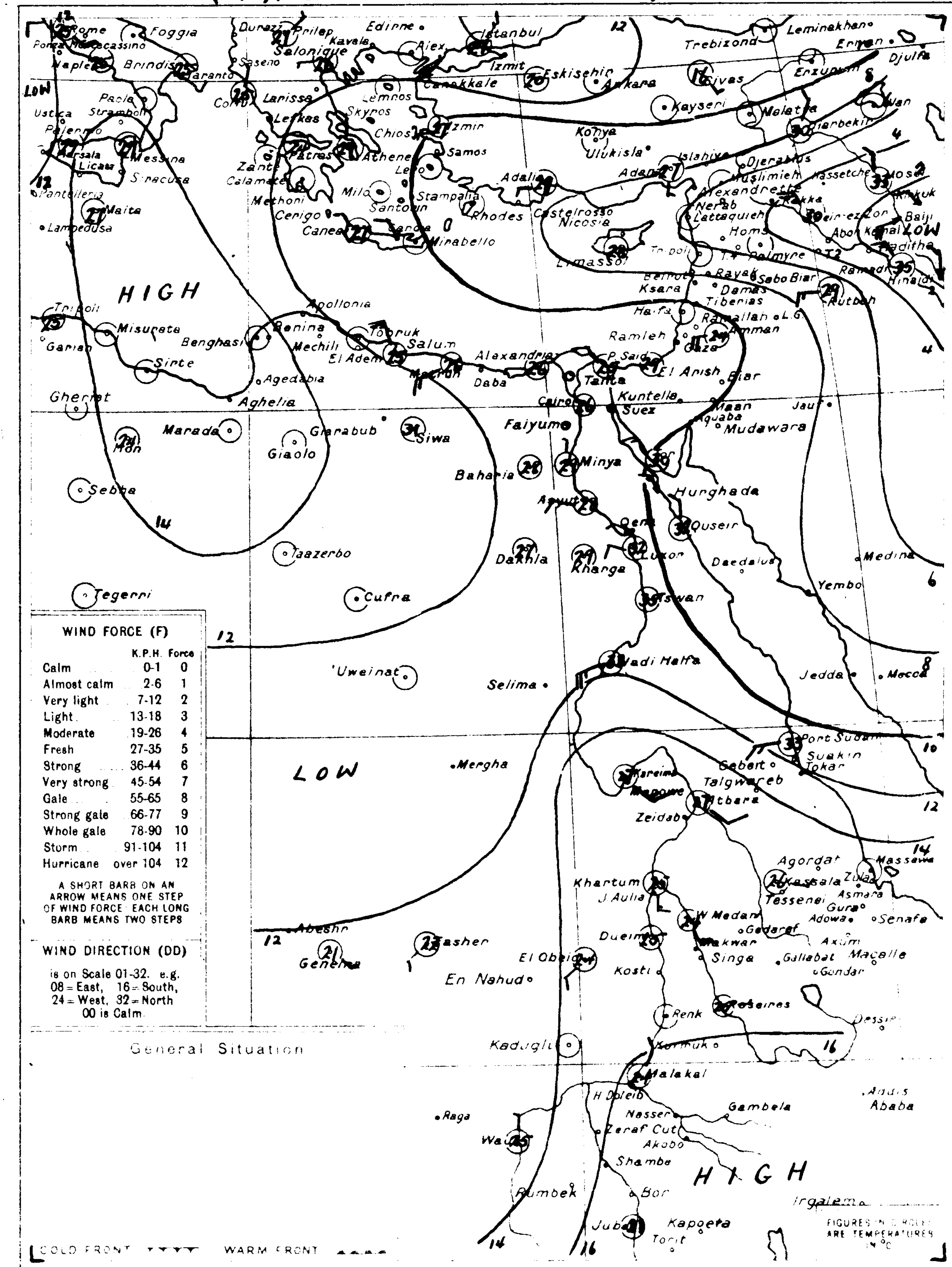
Forecast for 24 hours from noon on

Station	Mean humidity	Diff.	Mean temperature	Diff. from normal
	3rd		3rd	
Alexandria	72	0	23.2	+0.6
[illegible]	55	-6	22.6	-0.3
Giza	61	-2	22.2	0.0
Helwan	55	+6	21.1	+0.9
Giza Evaporation	4th		13.4	

Date	[illegible]	[illegible]
3-8	3068	3815
2-8	3007	3499

Station	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
[illegible]	2-8	13.45	-0.21	13.43	-0.23
Nasser	2-8	9.63	+0.14	9.63	+0.16
[illegible]	3-8	11.78	+0.18	11.77	+0.18
Roseires	3-8	18.02	-0.63	17.62	-0.80
Sennar	2-8	17.20	—	17.19	—
J. Aulia U.S.	3-8	376.07	—	375.99	—
J. Aulia D.S.	3-8	372.85	-1.23	372.86	-1.12
Khartum	2-8	13.43	-0.87	13.40	-0.80
[illegible]	2-8	13.45	-0.22	13.35	-0.27
Atbara	2-8	12.78	-0.64	12.70	-0.57
Kareima	3-8	137.15	-0.66	137.16	-0.34
Aswan Res.	3-8	102.66	—	102.72	—
Aswan D.S.	3-8	88.64	-0.21	88.59	+0.01
Roda (Cairo)	3-8	15.95	-0.17	15.95	-0.11

Isobars, Wind and Temperature at 8 h. 4-8-39 ٤-٨-٣٩



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

At 8 h. on 4th 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.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Diff. from norm.	Minimum Today	Diff. from norm.	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	00	0	4	0	—	7.8	+0.4	28	—	—	—	—	—	0	610	464
Haifa	01	—	14	3	—	3	—	10.6	+4.6	28.8	31	0	24	+2	69	0	559	647
Siwa (3rd)	00	8	00	0	0	0	—	11.8	+1.1	27.0	36	-2	19	-2	19	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	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Printed by the Survey & Mines Department

CAIRO

Time of Sunrise h 05 m 16

Time of Sunset 18 46

Month AUGUST 1939 أغسطس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h on 4-8 ٤/٨ | At 8 h on SATURDAY 5th السبت ٥

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. M.S.L. 1000+ mbs PPP	14h Temp	14h Humidity	8h Present Weather ww	8h Visibility V	8h Wind DD	8h Wind 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	Dry Bulb	Max Yesterday	Diff from norm	Min Today	Diff from norm	Humidity	Rain Past 24 hrs	Rain Total from Oct 1	Rain Normal from Oct 1	No.
SALUM	00	7	02	6	0	0	—	11.6	28.2	65	01	6	30	4	4	3	St	11.9	+1.4	23.0	30	—	20	—	92	0	182	—	130
MATRUH	00	7	28	4	0	0	—	10.8	27.6	74	02	7	24	3	1	5	Sc	11.1	+1.3	25.3	28	0	20	-1	86	0	122	160	131
DEKHEILA	01	8	28	3	0	1	Cu	11.9	26.7	85	01	8	30	2	0	1	Sc	11.4	—	26.0	28	—	20	—	76	0	94	—	150
ALEXANDRIA	00	9	30	2	0	0	—	11.0	28.8	63	00	9	00	0	0	0	—	10.7	+1.0	25.8	31	0	24	+1	69	0	166	185	132
DAMIETTA											02	8	30	1	1	4	Cu	9.5	—	27.1	31	—	22	—	79	0	70	107	139
PORT SAID	00	7	28	4	1	0	—	10.3	31.8	62	01	8	28	2	0	3	Cc	10.3	+2.2	27.8	33	+2	23	-1	74	0	64	81	134
EL ARISH	00	7	30	2	0	0	—	9.0	30.0	72	00	7	00	0	0	0	—	9.9	—	28.8	31	—	19	—	64	0	130	93	135
DAMANHUR											00	6	32	3	0	0	—	10.8	+1.8	27.6	35	+2	21	+2	68	0	29	103	136
MANSURA											01	8	02	2	1	3	Sc	11.9	—	26.5	35	0	22	+1	73	0	46	55	137
TANTA	00	7	00	0	0	0	—	9.6	35.0	42	01	7	00	0	1	4	Ac	10.4	+0.8	27.0	36	0	20	-1	77	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	11.0	35.6	37	00	8	30	1	0	0	—	10.3	—	27.9	36	+1	20	+1	77	0	31	29	139
ALMAZA	01	8	26	2	0	2	Cu	10.4	36.8	26	05	6	28	1	0	0	—	10.6	—	25.8	37	—	23	—	78	0	18	—	141
EZBEKIYA	01	7	02	3	0	3	Cu	9.9	36.0	27	00	6	02	2	0	0	—	10.0	+0.7	27.0	38	+3	22	+1	72	0	23	28	
GIZA	01	7	02	3	0	3	Cu	9.5	36.2	24	08	4	30	2	0	0	—	10.0	+0.3	26.0	36	+1	20	0	80	0	23	28	
HELWAN	01	8	24	1	1	3	Cu	9.4	35.2	19	05	5	30	3	0	0	—	9.9	+0.8	25.0	38	+3	22	+1	69	0	26	29	143
SUEZ	00	9	28	2	0	0	—	9.1	36.8	20	00	8	30	2	0	0	—	9.0	+0.4	28.3	38	+2	22	-1	65	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	9.6	37.0	20	00	8	32	3	0	0	—	9.9	+0.6	26.5	39	+3	22	+1	70	0	7	8	153
MINYA	00	8	04	3	0	0	—	9.0	36.5	23	00	8	28	1	0	0	—	9.5	+1.0	27.4	38	+2	22	+1	56	0	4	—	154
ASYUT	00	8	30	3	0	0	—	9.3	36.0	20	00	6	22	3	0	0	—	9.4	+1.0	27.1	38	+1	21	-2	56	0	2	4	155
QENA	00	8	22	3	0	0	—	8.4	38.8	24	00	7	22	1	0	0	—	9.1	+2.6	29.4	40	-1	21	-3	37	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	8.7	40.5	—	00	8	30	1	0	0	—	9.1	—	32.5	42	—	20	—	36	0	dr	—	157
ASWAN	01	7	20	3	0	3	Ac	7.5	40.0	22	00	7	18	1	0	0	—	9.3	+2.0	32.5	42	0	26	0	31	0	1	—	158
SIWA	00	8	00	0	0	0	—	12.0	36.0	63																	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.4	37.5	27	00	9	00	0	0	0	—	12.4	—	27.0	39	—	21	—	60	0	1	—	149
KHARGA	00	8	32	1	0	0	—	7.6	40.5	17	00	8	00	0	0	0	—	8.8	+0.9	29.0	42	+2	21	-1	36	0	dr	tr	151
DAKHLA	00	8	26	2	0	0	—	10.2	38.0	17	00	7	28	2	0	0	—	11.1	+2.0	29.5	40	0	21	-2	31	0	dr	—	152
TOR	01	6	28	3	0	1	Cu	7.9	38.8	35	00	6	28	3	0	0	—	8.3	+2.3	29.2	39	+5	23	-1	82	0	20	13	145
HURGHADA	00	9	04	2	0	0	—	8.8	34.5	43	00	9	30	2	0	0	—	8.4	+2.0	31.8	36	+1	23	-2	36	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	8.8	31.0	71	00	7	32	2	0	0	—	8.6	+2.7	33.1	33	-1	26	-1	31	0	tr	6	147
PORT SUDAN											—	—	24	2	3	—	—	8.7	+3.3	34.3	41	0	32	+4	39	dr	81	119	169
WADI HALFA											02	7	18	3	1	5	AC	9.5	+1.5	33.1	41	0	—	—	39	RAW	—	—	165
KAREIMA											01	8	18	3	1	4	AcCu	11.7	+3.5	30.1	33	-8	26	-1	47	tr	6	15	166
ATBARA											00	—	22	3	0	0	—	12.0	+3.8	31.0	35	-5	26	+1	41	0	34	39	167
KHARTUM											03	9	30	1	1	6	Ac	12.5	+3.3	25.8	35	-2	24	0	69	0	53	74	168
KASSALA											01	8	16	2	1	4	Cu	13.5	+1.9	25.7	32	-1	23	+1	69	dr	149	171	170
WAD MEDANI											02	—	14	2	0	4	—	13.7	+2.9	23.5	32	-3	20	-2	81	1	345	202	171
DUEIM											02	—	—	3	1	4	—	13.1	+2.1	24.8	34	-1	21	-1	80	8	260	159	173
RENK																			—									—	182
ROSEIRES											02	—	14	1	5	4	—	14.0	+2.1	22.6	31	-1	20	-1	90	5	366	440	172
EL OBEID											03	8	16	2	1	7	As	12.3	+0.2	23.2	32	-1	21	0	83	6	210	171	174
EL FASHER											02	8	32	3	1	5	ScCu	—	—	23.5	32	-1	22	+2	61	0	228	161	175
GENEINA											03	8	00	0	1	6	Sc	—	—	21.5	31	—	20	—	95	1	239	—	179
KADUGLI																												—	187
MALAKAL											03	8	02	3	1	7	AcAs	13.8	+1.0	23.8	32	+1	21	0	83	tr	538	570	176
WAU											02	—	16	1	6	4	—	13.6	+2.1	22.6	31	-1	21	+1	93	7	694	771	177
JUBA											01	8	00	0	1	4	AcCu	14.8	+2.0	23.4	31	0	20	0	91	0	809	702	178

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

UPPER WINDS ON 4th ٤ الرياح العليا

SALUM 7h	MATRUH 7h	DIKHEILA 6h	CAIRO	HELWAN 8h 30m	ASYUT 8h	ASWAN 9h	WADI HALFA 4h	KAREIMA 5h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA	Geneina 5h
02.31.25	02.28.20	01.29.05		02.35.25	02.29.40	05.35.05	03.26.05	06.28.35	06.24.30	06.22.15	07.21.25	06.05.20		10.35.15
05.12.10	05.34.15	03.32.05		05.01.15	05.30.20	10.06.05	06.26.10	09.24.30	10.23.50	10.24.20	10.27.25	10.04.30		15.31.25
07.24.45		05.34.05		08.07.15	10.33.35	15.30.10	10.32.15		15.21.30	15.21.15	15.29.25	15.05.15		20.33.05
08.23.05		10.36.05		10.10.15	15.32.45	20.28.25	15.01.10		20.13.20	20.27.05	20.31.35	20.01.15		30.03.05
10.25.10		15.34.10		15.13.15	20.30.35	25.25.40	20.36.10		25.13.25	30.06.15	30.35.20	30.01.15		35.35.05
15.31.25		20.32.05		20.18.10		30.24.45	30.31.10		30.12.30	34.07.25	36.01.25	40.24.05		
20.29.30		22.29.05		23.20.15			40.25.15		40.09.40			50.36.05		
25.31.30				25.21.15			46.27.15		50.10.40			56.35.10		
30.33.30				30.25.10					60.11.65					
				35.27.10					62.11.70					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	75	+3	23.0	+0.4
Ezbekiya	49	-12	22.4	-0.5
Giza	51	-12	21.5	-0.7
Helwan	39	-10	20.0	-0.2

Giza Grass minimum on 5th 15.5°C

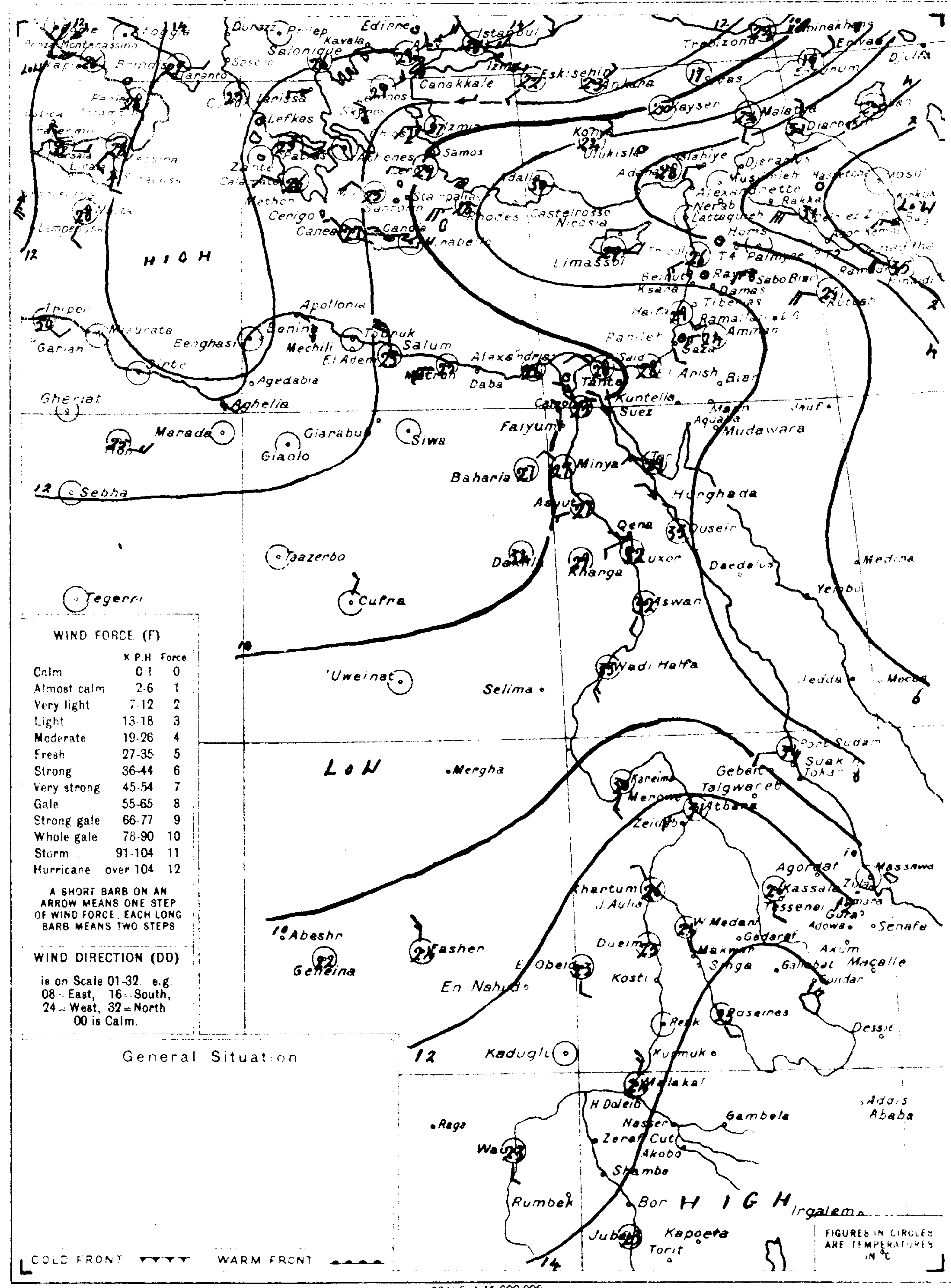
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
4-8	3124	4222
3-8	3068	3815

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	4-8	13.47	-0.21	13.47	-0.20
Nasser	4-8	9.66	+0.10	9.65	+0.11
Malakal	5-8	11.80	+0.16	11.79	+0.17
Roseires	5-8	17.90	-0.91	17.40	-1.35
Sennar Res	4-8	17.20	—	17.22	—
J. Aulia U.S	4-8	376.07	—	376.07	—
J. Aulia D.S	4-8	373.17	-0.98	372.85	-1.23
Khartum	4-8	13.80	-0.71	13.55	-0.88
Kh. el Girba	4-8	13.65	-0.11	13.27	-0.45
Atbara	4-8	12.60	-1.02	12.59	-0.92
Kajnarti	4-8	137.07	-1.03	137.15	-0.66
Aswan Res.	4-8	102.83	—	102.65	—
Aswan D.S	4-8	88.71	-0.29	88.64	-0.21
Roda (Cairo)	3-8	15.95	-0.17	15.95	-0.11

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

٥-٨-٣٩ Isobars, Wind and Temperature at 8 h 5-8-39



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

STATION محطة	At 8 h on 5th 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	Maximum Yesterday °C	Diff from norm °C	Minimum Today °C	Diff from norm °C	Humidity %	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	08	2	4	0	—	7.4	-0.1	29	—	—	—	—	—	0	610	464
Haifa	00	—	14	3	—	0	—	9.6	+3.5	28.8	32	+1	24	+2	63	0	559	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 [illegible]; Light [illegible]; Distant [illegible]; Sand [illegible]; Thunder [illegible]; Distant [illegible]; Squalls [illegible]; Slight Duststorm [illegible]; Rising [illegible]; Slight Thunderstorm [illegible]; Heavy Thunderstorm [illegible]; Duststorm 30; Fog or thick Haze 40; Mist [illegible]; Thick [illegible]; Fog [illegible]; Drizzle 50; Rain 60; Rain and Fog [illegible]; Rain and Snow 68; Snow 70; Showers 80; Showers of Snow 83; Showers of Sleet 85; Showers of Hail 89; Thunderstorm 90; Thunderstorm with Rain [illegible]; Thunderstorm with Duststorm [illegible]; Thunderstorm with Hail [illegible]

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

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

CLOUD AMOUNT (N): Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 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

1417 F.C.

CAIRO
Time of Sunrise 05 h 19 m
" " Sunset 18 h 45 m

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 5th (الساعة ١٤ يوم ٥) — At 8 h. on SUNDAY 6th (الساعة ٨ يوم الأحد ٦)

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	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
SALUM	00	8	02	5	0	0	—	11.4	30.2	37	,	7	30	5	4	0	—	11.0	+0.4	24.8	31	—	21	—	84	0	182	—	130
MATRUH	00	7	28	4	0	0	—	11.0	27.1	79	02	7	24	4	1	4	Cu	10.2	+0.4	25.4	28	0	21	0	88	0	122	160	131
DIKHEILA	00	8	30	3	0	0	—	11.6	27.0	83	01	8	26	2	1	3	St	10.3	—	26.8	28	—	24	—	86	0	94	—	150
ALEXANDRIA	00	9	30	4	0	0	—	10.8	29.7	57	00	9	28	2	0	0	—	9.3	-0.5	26.5	30	-1	24	+1	75	0	166	185	132
DAMIETTA											04	6	20	1	0	0	—	8.7	—	27.0	30	—	21	—	86	0	70	107	159
PORT SAID	00	8	04	2	0	0	—	8.7	31.2	65	00	8	28	1	0	0	—	9.8	+1.7	27.2	32	+1	24	0	75	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	9.1	29.9	72	00	7	00	0	0	0	—	9.5	—	28.8	30	—	20	—	72	0	130	93	135
DAMANHUR												6	20	0	0	0	—	9.6	+0.6	27.0	33	0	20	+1	74	0	29	103	136
MANSURA											00	8	12	1	0	0	—	9.5	—	27.3	35	0	21	0	77	0	46	55	137
TANTA	01	7	00	0	1	4	Ac	9.6	34.0	45	00	7	00	0	0	0	—	9.6	0.0	27.0	35	-1	20	-1	77	0	41	43	138
ZAGAZIG	00	8	28	2	0	0	—	9.6	34.4	46	00	8	22	1	0	0	—	9.8	—	28.4	34	-1	21	+2	70	0	31	29	139
CAIRO ALMAZA	01	8	28	3	0	4	Cu	9.5	34.0	45	05	—	—	—	0	0	—	10.0	—	25.2	34	—	22	—	79	0	18	—	141
CAIRO EZBEKIYA	01	7	32	2	1	3	Cu	8.6	34.4	35	01	6	00	0	0	1	Cu	9.9	+0.5	26.6	35	0	22	+1	74	0	23	28	—
CAIRO GIZA	01	7	32	2	0	3	Cu	8.4	33.9	36	01	6	30	2	0	3	St	9.8	+0.1	24.4	34	-1	21	+1	83	0	23	28	—
HELWAN	05	6	26	5	0	4	Cu	7.8	33.5	33	05	5	30	1	0	0	—	9.5	+0.3	24.9	34	-1	22	+1	73	0	26	29	143
SUEZ	00	9	00	0	0	0	—	7.4	36.4	28	00	8	28	2	0	0	—	9.3	+0.7	27.6	38	+2	23	0	74	0	27	18	144
FAIYUM	01	8	32	2	0	3	Cu	8.7	33.8	36	00	8	32	3	0	0	—	10.8	+1.5	25.6	37	+1	22	+1	74	0	7	8	153
MINYA	00	6	24	4	0	0	—	8.6	36.3	23	00	7	30	2	0	0	—	8.7	+0.2	26.6	37	+1	21	0	62	0	4	—	154
ASYUT	00	7	26	4	0	0	—	8.6	35.4	14	00	6	12	1	0	0	—	8.6	+0.2	30.0	37	0	22	-1	48	0	2	4	155
QENA	00	8	26	4	0	0	—	7.4	38.8	19	00	8	22	1	0	0	—	8.3	+1.8	30.0	40	-1	22	-2	35	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	7.6	38.8	22	00	8	30	1	0	0	—	8.7	—	30.5	40	—	19	—	42	0	dr	—	157
ASWAN	01	7	26	2	0	1	Cs	6.3	40.1	20	00	7	06	2	0	0	—	8.7	+1.4	32.7	41	-1	25	-1	30	0	1	—	158
SIWA	00	8	28	1	0	0	—	11.8	37.5	51	00	8	00	0	0	0	—	12.8	+2.1	26.9	39	+1	19	-2	80	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	9.6	35.0	42	00	9	00	0	0	0	—	11.0	—	24.0	35	—	20	—	83	0	1	—	149
KHARGA	00	8	32	2	0	0	—	7.9	40.6	18	00	8	32	1	0	0	—	9.5	+1.6	29.2	41	+1	23	+1	39	0	dr	tr	151
DAKHLA	06	7	26	4	0	0	—	9.6	37.0	14	00	8	00	0	0	0	—	9.9	+0.8	30.2	40	0	21	-2	35	0	dr	—	152
TOR	01	6	24	2	0	1	Cu	5.6	35.5	47	00	6	28	3	0	0	—	7.0	+0.9	29.0	36	+2	22	-2	76	0	20	13	145
HURGHADA	00	9	12	2	0	0	—	7.4	33.7	43																		—	146
QUSEIR	00	7	04	2	0	0	—	7.8	31.2	48	00	7	32	2	0	0	—	7.9	+1.9	31.0	34	0	25	-2	54	0	tr	6	147
PORT SUDAN											00	—	28	3	0	0	—	6.8	+1.4	36.8	40	-1	29	+1	31	dr	81	119	169
WADI HALFA											00	8	24	2	0	0	—	9.5	+1.5	28.2	42	+2	23	0	27	—	—	—	165
KAREIMA											05	7	18	4	3	5	AcAs	10.9	+2.7	27.0	39	-2	25	-2	63	0	6	16	166
ATBARA											00	—	24	2	6	0	—	10.4	+2.2	27.8	39	-1	28	+3	58	14	48	41	167
KHARTUM											01	8	12	2	1	4	AcCu	10.2	+1.0	28.8	36	-1	25	+1	58	0	53	76	168
KASSALA											02	8	08	2	1	5	Ac	11.4	-0.3	25.7	33	0	22	0	65	0	149	175	170
WAD MEDANI											00	—	14	4	1	0	—	11.4	+0.6	26.0	33	-2	23	+1	74	0	345	207	171
DUEIM											00	—	—	3	0	0	—	11.1	+0.1	27.6	33	-2	23	+1	68	0	260	162	173
RENK																			—		—		—					—	182
ROSEIRES											00	—	18	1	0	0	—	11.9	0.0	25.2	34	+2	20	-1	77	6	372	447	172
EL OBEID											01	8	20	2	0	4	AcCu	11.2	-0.9	23.5	31	-2	21	0	83	dr	210	175	174
EL FASHER											03	8	04	2	1	6	Sc	—	—	22.0	32	-1	21	+1	91	5	233	166	175
GENEINA											02	8	24	2	1	5	AcAs	—	—	21.0	32	—	18	—	91	35	274	—	179
KADUGLI																												—	187
MALAKAL											03	8	14	2	1	6	[illegible]	12.4	-0.4	24.1	31	0	21	0	86	0	538	576	176
WAU											02	—	04	1	1	4	—	10.7	-0.8	24.0	31	-1	21	+1	83	0	694	778	177
JUBA											01	8	30	1	1	3	Ac	12.7	-0.1	22.8	32	+1	19	-1	83	0	809	705	178

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

UPPER WINDS ON 6th (الرياح العليا يوم ٦)

SALUM 7 h	MATRUH 7 h	DIKHEILA 7 h	CAIRO	HELWAN 8 h 30 m	ASYUT 8 h	ASWAN 7 h	WADI HALFA 3 h	KAREIMA 3 h	KHARTUM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA 7 A.P.	SALUM SCH 13 h
02.34.30	02.31.25	02.29.15		02.33.15	02.—.—	02.02.05	03.—.—	06.15.45	06.17.05	06.11.15	07.25.25	06.36.05	02.22.14	02.02.25
05.01.15	05.36.20	05.30.20		05.03.15	05.03.15	05.01.25	06.03.35	10.14.25	10.12.35	10.09.10	10.24.20	10.23.10	05.27.10	05.01.10
10.01.10	10.36.20	06.34.10		08.09.20	10.34.15	10.36.30	10.36.20	15.06.25	15.15.30	15.26.05	15.21.15	15.23.10	10.26.15	10.04.05
15.36.15		08.02.15		10.10.15	15.33.30	15.32.15	15.34.05	20.03.25	20.17.35	20.31.05	20.18.15	20.08.05	13.23.15	15.03.05
20.35.10				15.11.0	20.33.40		20.26.15	30.01.20	25.17.20	30.18.15	30.11.10	30.05.15	15.31.05	20.05.15
25.35.20				20.18.10			34.25.30	33.01.20	30.15.25	40.14.30		40.06.05	17.08.05	25.35.15
30.34.30				23.16.05			40.26.20		40.11.25	43.13.35		47.08.10	20.06.15	30.31.15
35.34.25				25.10.10					56.06.10				25.04.25	35.34.20
40.35.30				30.06.05					60.31.20					40.33.20
				35.01.20					70.36.15					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى 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	71	-1	23.1	+0.5
Ezbekiya	59	-2	20.1	+0.2
Giza	65	+2	22.8	+0.6
Helwan	57	+8	21.7	+1.5

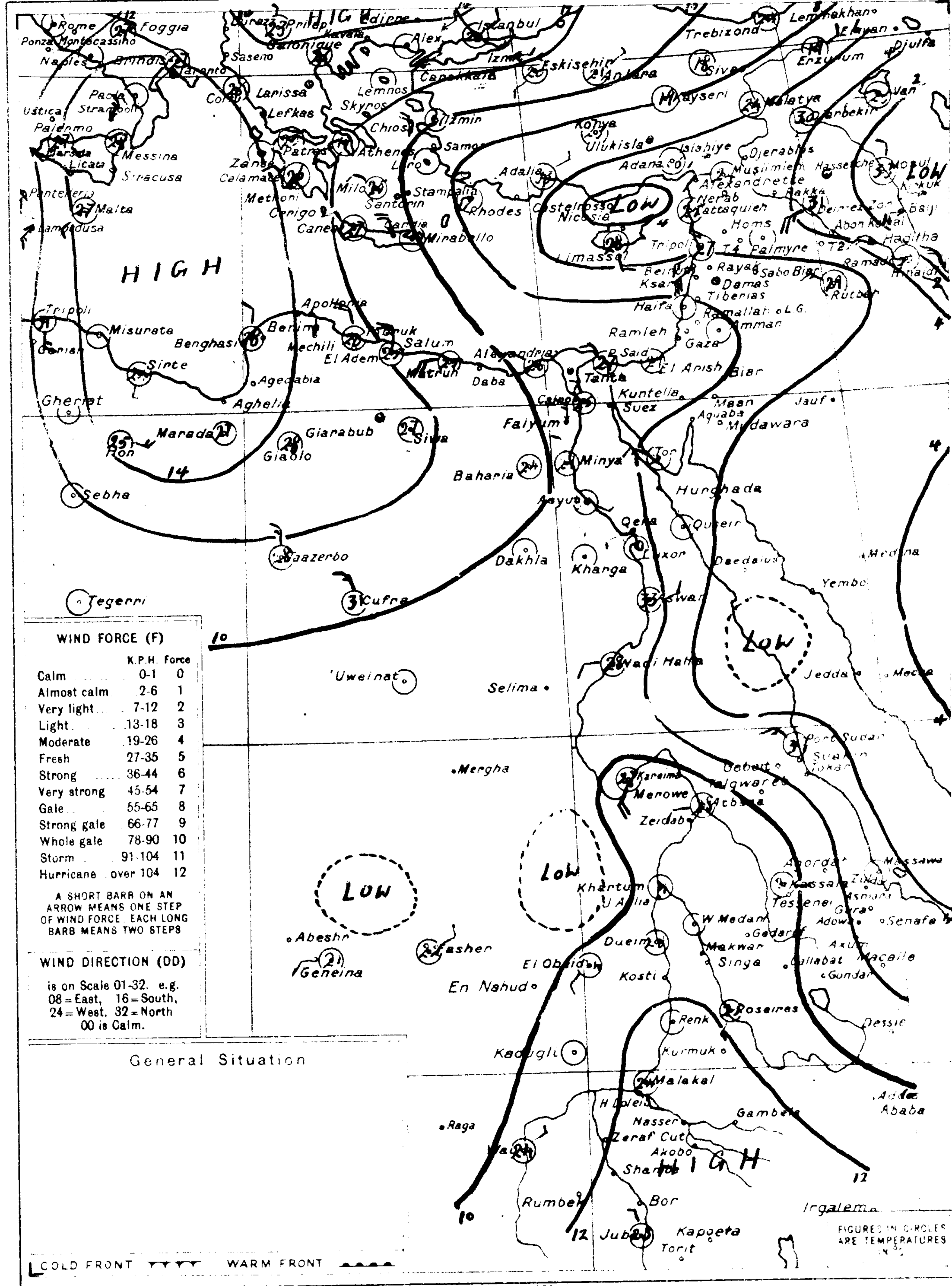
Giza Grass minimum on 6th 15.5°

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
6-8	3299	5878
5-8	3241	5017

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		13.46	-0.24	13.45	-0.24
Nasser	5-8	9.66	+0.03	9.66	+0.19
Malakal	6-8	11.80	+0.15	11.80	+0.16
Roseires	6-8	17.58	-1.27	17.90	-0.91
Sennar Res.	5-8	17.20	—	17.20	—
J. Aulia U.S.	5-8	376.07	—	376.07	—
J. Aulia D.S.	5-8	373.45	-0.85	373.17	-0.98
Khartum	5-8	14.03	-0.62	13.80	-0.71
Kh. el Girba	5-8	13.67	-0.13	13.65	-0.11
Atbara	6-8	12.96	-0.93	12.86	-0.89
Kajnarti	5-8	137.01	-1.24	137.07	-1.03
Aswan Res.	6-8	103.93	—	102.97	
Aswan D.S.	6-8	88.87	-0.58	88.83	-0.37
Roda (Cairo)	5-8	16.09	-0.15	16.00	-0.22

٦-٨-٣٩ Isobars, Wind and Temperature at 8 h. 6-8-1939



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 6 (الساعة ٨ يوم ٦)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	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	04	6	14	4	4	0	—	5.1	-1.5	[illegible]	—	—	—	—	—	3	[illegible]	[illegible]
Haifa	00	—	14	4	—	0	—	7	[illegible]	28.8	32		22.0		61	0	[illegible]	[illegible]
Siwa 5th	00	8	[illegible]	7	0		—	12.3	+1.6	27.0	39	+1	18	-3	77	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	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squalls	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	44
Drizzle	50-59
Rain	60-64
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, now Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 17 m
" " Sunset 18 h 44 m

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 6th — الساعة ١٤ يوم ٦ ; At 8 h. on MONDAY 7th — الساعة ٨ يوم الاثنين ٧

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°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 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	01	8	02	6	0	1	Cu	10.8	28.5	69	01	6	30	4	4	2	St	12.0	+1.4	23.4	30	—	20	—	97	0	182	—	130
MATRÛH	00	7	26	3	0	0	—	10.2	27.7	84	00	7	26	3	0	0	—	10.7	+0.9	23.9	28	0	21	0	92	0	122	160	131
DIKHEILA	00	8	28	3	0	0	—	10.3	27.8	88	00	8	26	3	0	0	—	10.4	—	27.1	28	—	26	—	83	0	94	—	150
ALEXANDRIA	00	9	28	3	0	0	—	9.4	29.0	67	00	9	24	1	0	0	—	9.9	+0.1	27.0	30	-1	25	+2	72	0	166	185	132
DAMIETTA											02	6	18	1	2	5	Ac	8.7	—	27.2	34	—	23	—	84	0	70	107	159
PORT SAÎD	00	8	28	1	0	0	—	9.1	31.2	59	02	6	20	3	0	5	Sc	9.4	+1.3	26.8	35	+4	25	+1	87	0	64	81	134
EL 'ARÎSH	00	7	30	3	0	0	—	8.6	30.4	70	00	7	20	3	0	0	—	8.7	—	28.8	32	—	21	—	76	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											00	6	24	3	0	0	—	9.8	+0.7	28.4	34	+1	21	+2	69	0	29	103	136
MANŞURA											01	6	24	1	1	4	Sc	9.4	—	26.8	35	0	23	+2	78	0	46	55	137
TANTA	00	7	00	0	0	0	—	8.6	35.0	42	00	7	00	0	0	0	—	9.9	+0.2	27.5	36	0	20	-1	80	0	41	43	138
ZAGAZÎG	00	8	28	2	0	0	—	11.2	34.8	42	01	8	20	1	2	3	—	9.8	—	28.4	35	0	22	+3	77	0	31	29	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	01	8	24	3	0	3	Cu	8.7	34.4	40	05	7	22	1	1	2	Sc	10.3		26.9	36	—	23	—	76	0	18	—	141
EZBEKÎYA	00	7	32	2	0	0	—	8.3	34.9	29	01	6	28	1	0	1	Cu	9.6	+0.2	27.6	36	+1	24	+2	74	0	23	28	—
GIZA	00	7	32	2	0	0	—	7.6	34.2	39	01	7	00	0	0	3	Cu	9.8	+0.1	25.9	35	0	22	+2	79	0	23	28	—
HELWÂN	00	7	26	3	0	0	—	7.8	34.0	26	09	5	28	2	0	0	—	10.2	+1.0	25.1	35	0	22	+1	75	0	26	29	143
SUEZ	00	9	04	1	0	0	—	7.1	36.1	35	00	7	02	2	0	0	—	9.4	+0.7	26.3	38	+2	23	0	85	0	27	18	144
UPPER EGYPT																													
FAIYÛM	00	8	26	1	0	0	—	8.0	35.5	28	00	8	32	3	0	0	—	9.9	+0.6	26.3	37	+1	22	+1	75	0	7	8	153
MINYA	00	8	30	3	0	0	—	7.8	34.5	30	00	8	32	2	0	0	—	9.0	+0.4	26.9	35	-1	23	+2	65	0	4	—	154
ASYÛT	00	7	26	3	0	0	—	7.6	34.4	29	00	6	24	2	0	0	—	8.8	+0.3	28.0	36	-1	21	-2	53	0	2	4	155
QENA	00	8	26	3	0	0	—	7.2	37.1	22	00	8	22	3	0	0	—		—	29.9	39	-2	23	-1	31	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	7.1	37.2	28	00	8	22	2	0	0	—	8.6	—	30.2	38	—	20	—	51	0	dr	—	157
ASWÂN	00	7	20	4	0	0	—	6.4	38.4	26	00	7	00	0	0	0	—	8.6	+1.3	32.6	41	-1	25	-1	38	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	28	1	0	0	—	11.5	34.0	74	00	8	00	0	0	0	—	12.8	+2.1	29.1	38	0	20	-1	77	0	7	8	148
BAHARIYA	00	9	28	2	0	0	—	9.1	34.2	44	00	9	00	0	0	0	—	9.6	—	25.0	36	—	20	—	68	0	1	—	149
KHARGA	00	8	32	2	0	0	—	6.7	39.9	21	00	8	32	1	0	0	—	8.7	+0.8	29.9	40	0	20	-2	36	0	dr	tr	151
DAKHLA	00	7	30	2	0	0	—	8.4	37.8	16	00	7	26	2	0	0	—	11.0	+1.8	29.7	40	0	22	-1	28	0	dr	—	152
RED SEA																													
TOR	01	6	28	2	0	1	Cu	6.6	32.5	64	00	6	16	1	0	0	—	7.4	+1.3	29.5	36	+2	22	-2	78	0	20	13	145
HURGHADA	00	9	04	2	0	0	—	6.6	33.2	40	00	9	30	2	0	0	—	8.0	+1.5	30.3	34	-1	23	-2	57	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	7.1	30.4	75	00	7	32	3	0	0	—	8.3	+2.3	31.0	33	-1	26	-1	64	0	tr	6	147
PORT SUDAN	30	—	08	3	2	9	—	6	—	—	00	—	12	2	0	0	—	8.7	+3.3	35.2	41	0	29	+1	52	0	81	119	169
NORTHERN SUDAN																													
WADI HALFA	01	7	32	3	0	3	Cu	7.4	36	21	00	8	28	2	0	0	—	8.5	+0.4	29.4	40	0	23	0	29	—	—	—	165
KAREIMA											05	7	18	3	1	4	Ac	10.9	+2.7	29.8	37	-4	27	0	59	0	6	16	166
'ATBARA	02	—	20	3	0	5	—	7	34	45	00	—	20	2	0	0	—	11.0	+2.8	29.3	36	-4	25	0	57	0	48	42	167
KHARTÛM	02	8	22	3	1	5	Cu	6.8	36	38	02	9	20	1	1	5	Ac,Cu	10.9	+1.6	26.1	37	0	23	-1	62	6	59	78	168
KASSALA	01	8	18	2	1	4	Cu	9.0	34	36	01	8	14	2	1	4	Ac	11.5	-0.2	26.2	35	+2	19	-3	69	44	193	179	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	18	3	1	5	—	7	33	45	00	—	22	2	0	0	—	11.8	+1.0	24.3	34	-1	21	-1	77	8	353	212	171
DUEIM	01	—	—	3	0	4	—	9	33	45	00	—	—	3	0	0	—	11.5	+0.5	25.2	35	0	21	-1	73	10	270	166	173
RENK	02	7	28	2	5	5	Cu	6.7	35	37																		—	182
ROSEIRES	01	—	12	1	1	4	—	6	33	45	00	—	14	1	0	0	—	11.9	0.0	25.5	35	+3	22	+1	78	0	372	454	172
EL OBEID	01	8	20	1	0	4	Cu	7.5	31	48	02	8	02	1	1	5	Ac,Cu	11.3	-0.7	24.5	32	-1	21	0	76	dr	210	178	174
EL FÂSHER	01	—	20	1	1	4	—	—	29	55	01	8	00	0	1	4	Ac,Cu	—	—	23.8	30	-3	21	+1	76	1	234	171	175
GENEINA	11	8	20	3	6	4	Cb	—	27	77	21	8	24	1	2	6	Cu,Sc	—	—	20.7	28	—	19	—	91	14	288	—	179
KADUGLI																												—	187
SOUTHERN SUDAN																													
MALAKÂL	01	8	30	4	8	4	Cb	7.5	26	78	01	8	02	2	1	3	Ac	12.2	-0.6	24.5	31	0	21	0	84	1	539	582	176
WAU											02	—	24	3	6	4	—	12.5	+1.0	24.0	32	0	20	0	86	14	708	785	177
JUBA											02	8	00	0	1	5	Cu,Ac	12.4	-0.4	23.2	33	+2	21	+1	91	0	809	708	178

UPPER WINDS ON 7th — الرياح العليا يوم ٧

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 8 h.	CAIRO 8 h.	HELWÂN 8 h.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 3 h.	KAREIMA 5 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	P. SAID 7 A.P.	SALUM 6th 12 h.
02.33.25	02.30.25	02.30.20	02.33.10	02.30.10	02.36.25	05.36.10	03.05.10	06.19.40	06.23.30	06.19.15	07.06.15	06.36.25	02.24.15	02.33.35
05.36.10	05.33.20	05.33.25	05.29.05	05.00.00	05.04.15	10.24.10	06.04.15	10.19.20	10.22.40	10.23.15	10.12.15	10.29.10	04.24.15	05.32.20
10.05.15	10.32.15	10.34.35	08.35.15	08.08.10	10.35.25	15.28.30	10.36.20	15.17.10	15.21.30	15.23.05	15.19.25	15.19.05	ent clds	10.30.10
15.02.10	15.28.20	15.34.35	10.06.10	10.06.15	15.35.30	20.29.30	15.34.10	20.14.15	20.21.25	20.17.05	20.20.15	20.18.10		15.30.25
20.03.30		18.36.25	15.07.15	15.06.20		25.28.25	20.27.05	25.05.10	30.15.25	30.13.10	30.15.05	30.17.20		20.33.20
25.03.35		20.36.15	20.05.20	20.05.20			30.22.40		33.14.20	40.11.20	40.14.15	40.17.20		25.34.25
30.03.30			25.04.30	23.04.25			39.17.05			41.11.20		50.11.15		30.35.20
				25.03.25								60.11.25		35.35.35
				27.03.30								70.07.35		40.36.30
												80.09.20		

Forecast for 24 hours from noon on

تعيرت الطقس المنتظر و 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	75	+3	23.8	+1.2
Ezbekiya	59	-3	22.8	-0.1
Giza	63	0	22.1	-0.2
Helwân	46	-4	20.4	+0.2

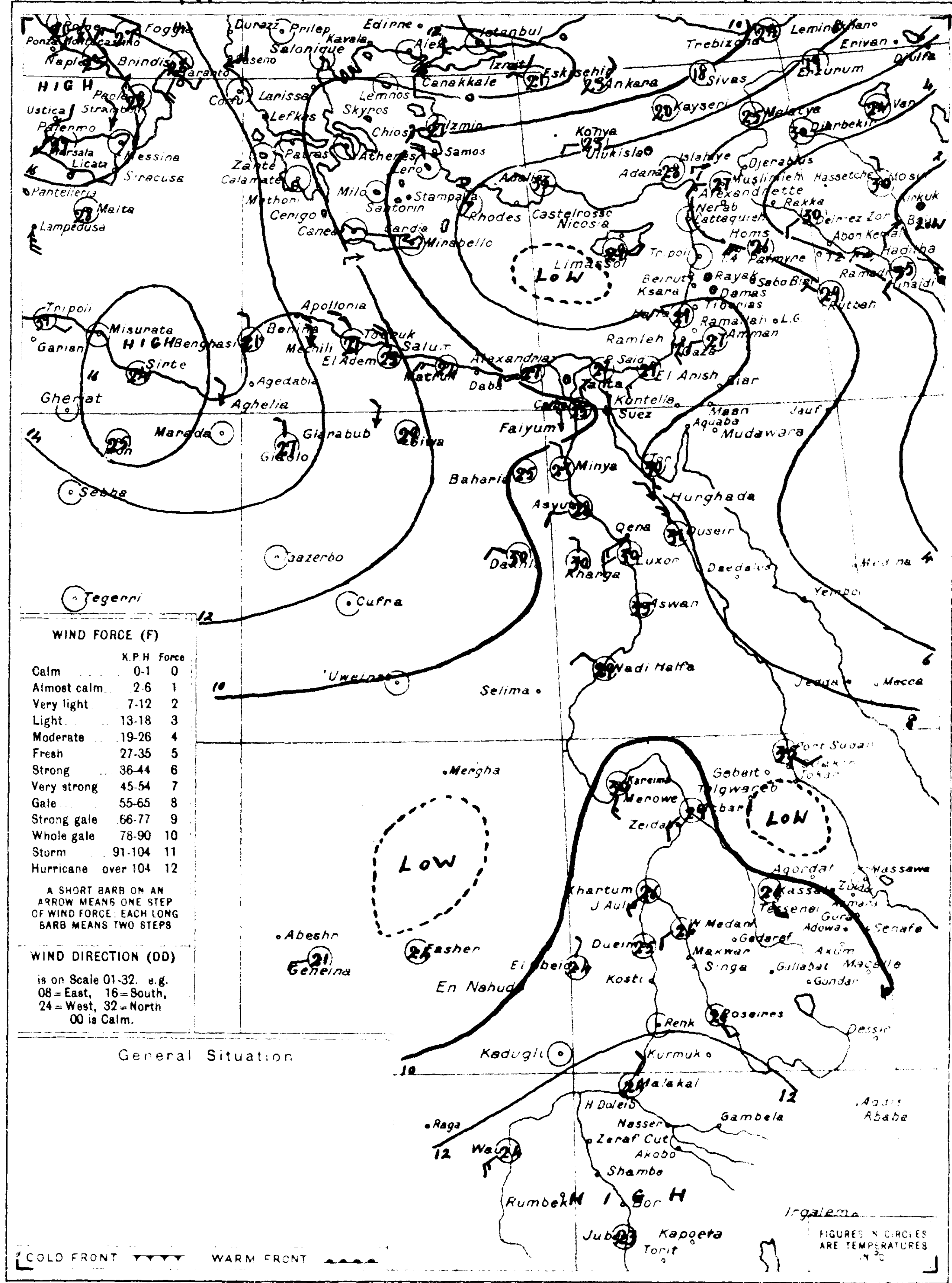
Giza Grass minimum on 7th 16.6°c

Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
7-8	3473	6895
6-8	3299	5878

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-8	13.35	-0.36	13.46	-0.24
Nasser	6-8	9.67	+0.07	9.66	+0.08
Malakâl	7-8	11.82	+0.16	11.80	+0.15
Roseires	7-8	17.76	-1.73	17.58	-1.27
Sennâr Res	5-8	17.20	—	17.20	—
J. Aulia U.S	5-8	376.07	—	376.07	—
J. Aulia D.S	5-8	373.45	-0.85	373.17	-0.98
Khartûm	7-8	14.15	-0.69	14.18	-0.56
Kh. el Girba	6-8	13.60	-0.25	13.67	-0.13
'Atbara	7-8	13.09	-0.91	12.96	-0.93
Kajnarti	7-8	137.59	-1.13	137.15	-1.35
Aswân Res	7-8	102.94	—	103.03	—
Aswân D.S	7-8	89.00	-0.65	88.87	-0.58
Rôda (Cairo)	7-8	16.20	-0.18	16.15	-0.14

Isobars, Wind and Temperature at 8 h. 7-8-1939 — ١٩٣٩-٨-٧



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 7th — ٧

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C	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	08	2	4	1	—	6.2	-1.5	29	—	—	—	—	—	0	610	464
Haifa	01	—	26	2	—	3	—	8.4	+2.3	29.2	31	0	23	+1	62	0	559	647
Hurghada	00	9	30	3	0	0	—	7.2	+0.7	30.2	36	+1	24	-1	49	0	1	—

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	30-39
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	83-85
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 — 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 05 h 18 m
" " Sunset 18 h 44 m

Month AUGUST 1939 — ١٩٣٩ شهر أغسطس

At 14 h. on 7th — الساعة ١٤ يوم ٧

Station	ww	V	DD	F	W	N	C	PPP	TTT	UU
Mediterranean										
SALÛM	00	7	02	5	0	0	—	11.2	29.4	62
MATRÛH	00	7	28	4	0	0	—	10.7	28.7	71
DIKHEILA	00	8	28	4	0	0	—	10.6	28.0	85
ALEXANDRIA	00	9	28	5	0	0	—	9.6	28.9	66
DAMIETTA										
PORT SAÎD	00	8	28	4	0	0	—	8.8	30.4	71
EL 'ARISH	00	7	30	3	0	0	—	8.3	30.0	80
Lower Egypt										
DAMANHÛR										
MANSÛRA										
TANTA	00	7	28	3	0	0	—	8.7	35.0	37
ZAGÂZIG	00	8	30	1	0	0	—	8.4	36.4	34
Middle Egypt										
CAIRO ALMAZA	01	8	28	3	0	1	Cu	9.1	35.5	22
CAIRO EZBEKIYA	01	8	30	2	0	2	Cu	8.0	36.4	31
CAIRO GÎZA	01	8	30	2	0	2	Cu	8.2	35.6	28
HELWÂN	01	7	26	2	0	1	Cu	7.9	35.8	17
SUEZ	01	9	04	2	0	1	Cu	7.1	36.7	27
Upper Egypt										
FAIYÛM	00	8	02	1	0	0	—	8.3	36.7	20
MINYA	00	7	02	3	0	0	—	7.9	35.7	32
ASYÛT	00	8	22	3	0	0	—	7.6	36.6	19
QENA	00	8	20	2	0	0	—	6.6	38.2	22
LUXOR	00	8	22	2	0	0	—	7.0	39.2	20
ASWÂN	00	7	02	3	0	0	—	6.3	39.0	22
Western Desert										
SIWA	00	8	00	0	0	0	—	10.6	39.0	51
BAHARIYA	00	9	28	2	0	0	—	9.3	36.1	42
KHARGA	00	8	32	2	0	0	—	7.0	40.5	22
DAKHLA	00	7	30	2	0	0	—	8.7	37.6	16
Red Sea										
TÔR	01	6	28	2	0	1	Cu	6.2	36.5	32
HURGHÂDA	01	9	06	2	0	3	St	7.1	35.0	32
QUSEIR	00	7	02	2	0	0	—	7.5	31.1	77
PORT SUDAN	40	—	32	3	5	9	—	6	35	65
North Sudan										
WADI HALFA	00	8	22	4	0	0	—	[illegible]	34	22
KAREIMA	02	8	32	3	2	4	Cu,Ac	7.5	37	22
'ATBARA	02	—	20	2	0	4	—	7	38	25
KHARTÛM	28	7	20	2	1	4	Cu,Ac	7.5	34	37
KASSALA	02	8	28	2	1	4	Cu	4.2	32	41
Central Sudan										
WAD MEDANI	02	—	24	2	0	4	—	8	33	45
DUEIM	02	—	26	2	0	4	—	8	34	45
RENK	03	7	30	2	2	6	Cu	7.4	32	48
ROSEIRES	02	—	12	2	0	4	—	8	32	65
EL OBEID	02	8	30	3	8	4	Cu,Ac	8.5	30	58
EL FÂSHER	02	—	26	3	3	4	—	—	30	45
GENEINA	03	8	24	2	1	6	Ns	—	27	65
KADUGLI	01	7	24	3	—	2	Ac	9.3	29	85
S. Sudan										
MALAKÂL	11	8	30	3	1	7	Cb	8.3	29	60
WÂU	03	—	24	3	1	7	—	10	29	55
JUBA										

(ww = Present weather; V = Visibility; DD, F = Wind Dir., Force; W = Past weather; N, C = Cloud Amount, Form; PPP = Bar. press. M.S.L. 1000+ mbs.; TTT = °C Temp.; UU = % Humidity)

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

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	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	6	30	5	4	0	—	10.4	-0.3	25.8	32	—	22	—	82	0	182	—	130
MATRÛH	01	7	24	5	1	4	Cu	9.0	-0.8	26.4	29	+1	22	+1	88	0	122	160	131
DIKHEILA	01	8	22	3	1	4	Sc	9.5	—	27.4	29	—	22	—	84	0	94	—	150
ALEXANDRIA	02	9	24	2	2	5	Ac	8.4	-1.4	27.	30	-1	24	+1	74	0	166	185	132
DAMIETTA	00	7	20	2	0	0	—	8.4	—	27.1	32	—	21	—	82	0	70	107	159
PORT SAÎD	00	7	26	2	0	0	—	8.3	+0.1	26.6	34	+3	24	0	84	0	64	81	134
EL 'ARISH	01	7	00	0	1	2	Sc	9.0	—	29.5	31	—	21	—	73	0	130	93	135
DAMANHÛR	00	6	20	3	0	0	—	9.1	0.0	28.0	33	0	20	+1	70	0	29	103	136
MANSÛRA	00	8	20	2	0	0	—	9.1	—	26.5	37	+2	20	-1	72	0	46	55	137
TANTA	00	7	00	0	0	0	—	9.1	-0.7	26.5	36	0	19	-2	80	0	41	43	138
ZAGÂZIG	00	8	26	1	0	0	—	9.4	—	28.2	36	+1	19	0	68	0	31	29	139
CAIRO ALMAZA	05	6	00	0	0	0	—	10.0	—	26.8	37	—	24	—	67	0	18	—	141
CAIRO EZBEKIYA	00	6	30	1	0	0	—	9.3	-0.2	27.8	38	+3	23	+1	68	0	23	28	—
CAIRO GÎZA	00	7	00	0	0	0	—	9.1	-0.6	25.2	37	+2	19	-1	76	0	23	28	—
HELWÂN	05	5	00	0	0	0	—	9.1	-0.2	26.1	37	+2	22	+1	60	0	26	29	143
SUEZ	00	8	32	2	0	0	—	9.3	+0.6	26.8	38	+2	23	0	66	0	27	18	144
FAIYÛM	00	8	32	2	0	0	—	9.1	-0.3	28.6	38	+2	21	0	57	0	7	8	153
MINYA	00	7	30	1	0	0	—	8.3	-0.3	28.1	36	0	22	+1	60	0	4	—	154
ASYÛT	00	6	22	2	0	0	—	8.4	-0.1	29.0	38	+1	23	0	46	0	2	4	155
QENA	00	7	26	1	0	0	—	7.6	+0.9	30.2	39	-2	25	+1	39	0	dr	—	156
LUXOR	00	8	10	1	0	0	—	7.9	—	32.9	41	—	22	—	35	0	dr	—	157
ASWÂN	00	9	00	0	0	0	—	7.6	+0.3	31.0	40	-1	25	-1	51	0	1		158
SIWA	00	8	00	0	0	0	—	11.5	+0.8	28.2	41	+3	18	-3	62	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.5	—	27.5	38	—	20	—	54	0	1	—	149
KHARGA	00	8	08	1	0	0	—	7.8	-0.2	29.8	41	+1	24	+2	39	0	dr	tr	151
DAKHLA	00	8	30	1	0	0	—	10.3	+1.1	28.4	39	-1	20	-3	21	0	dr	—	152
TÔR	00	6	28	3	0	0	—	7.4	+1.3	29.6	38	+4	23	-1	55	0	20	13	145
HURGHÂDA	00	9	30	3	0	0	—	7.6	+1.1	31.2	36	+1	25	0	42	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	7.5	+1.5	32.2	33	-1	26	-1	58	0	tr	6	147
PORT SUDAN	00	—	28	1	3	0	—	7.4	+1.9	35.5	42	+1	28	0	40	0	81	119	169
WADI HALFA	01	9	16	2	0	1	Ac	8.1	0.0	30.5	42	+2	23	0	22	—	—	—	165
KAREIMA	01	8	18	3	1	4	Ac,As	10.5	+2.3	29.1	39	-2	27	0	58	0	6	17	166
'ATBARA	03	—	12	2	0	7	—	10.3	+2.1	29.0	38	-2	25	0	52	0	48	43	167
KHARTÛM	81	9	16	3	9	6	Ac,As	11.9	+2.6	26.0	35	-2	24	0	76	dr	59	81	168
KASSALA	03	8	16	3	8	6	Sc	11.5	-0.2	24.0	33	0	22	0	76	dr	193	183	170
WAD MEDANI	02	—	08	1	1	4	—	13.3	+2.5	24.3	34	-1	22	0	85	2	355	217	171
DUEIM	03	—	—	3	1	7	—	12.0	+1.0	25.2	34	-1	22	0	73	0	270	169	173
RENK	03	7	18	1	2	6	Cu	13.4	—	25	34	—	24	—	64	3	—	—	182
ROSEIRES	03	—	14	1	1	7	—	13.1	+1.2	23.2	34	+2	21	0	89	8	380	461	172
EL OBEID	03	8	20	1	1	7	As	11.5	-0.5	23.0	31	-2	21	0	74	2	212	182	174
EL FÂSHER	52	8	04	1	6	8	Sc	—	—	20.5	31	-2	20	0	82	18	252	176	175
GENEINA	03	8	00	0	1	6	Ac,As	—	—	20.9	29	—	20	—	91	15	303	—	179
KADUGLI	03	7	20	5	8	6	Ac	11.2	—	24	32		18		54	—	—	—	187
MALAKÂL	02	8	26	3	1	5	Ac,As	12.2	-0.6	23.6	32	+1	21	0	84	4	543	588	176
WÂU	03	—	16	1	6	7	—	10.7	-0.8	21.2	30	-2	20	0	94	8	716	792	177
JUBA																		711	178

UPPER WINDS ON 8th — الرياح العليا يوم ٨

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 7 h.	CAIRO 8 h.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WADI HALFA 3 h.	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	P.SAID 7 h.	SALUM 7th 13 h.
02.34.30	02.30.40	02.28.20	02.01.10	02.32.10	02.35.15	05.35.25	03.03.15	06.23.30	06.20.50	06.20.15	07.23.25	06.29.15	02.26.25	02.02.20
05.02.20	05.34.30	05.28.20	05.00.00	05.36.10	05.02.35	10.32.20	06.03.35	10.21.40	10.21.45	10.19.15	10.25.35	10.28.20	05.24.20	05.01.10
10.03.20	09.32.30	10.28.15	10.24.15	08.17.05	10.36.45	15.32.10	10.01.25	15.19.30	15.22.35	15.15.15	15.27.35	15.28.25	10.20.15	10.34.10
15.03.20		15.30.25	15.24.20	10.27.10	15.36.30	20.28.20	15.34.25	20.18.25	20.22.35		20.27.20	20.30.15	15.22.25	15.36.15
20.03.40		20.30.30	20.28.25	15.25.15	20.36.35	25.27.25	20.29.10	25.12.05	30.16.10		30.16.15	30.15.10	20.18.20	20.02.25
25.03.40		25.29.20	25.29.20	20.26.15		30.16.10	30.21.20	30.07.15	40.15.20		40.11.20	40.19.10		22.01.30
30.03.35			30.30.15	23.27.20		35.22.10	32.21.05	40.07.25	50.13.05		42.12.25	50.12.25		
35.01.25						40.27.10		50.09.10				56.13.15		
37.02.35						45.28.15		56.11.15						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 7th	Diff. from normal	Wet bulb temp. °C on 7th	Diff. from normal
Alexandria	72	0	23.7	+1.1
Ezbekiya	59	-3	23.6	+0.7
Giza	64	+1	22.8	+0.5
Helwân	57	+7	21.3	+1.1

Giza Grass minimum on 8th 14.3°C

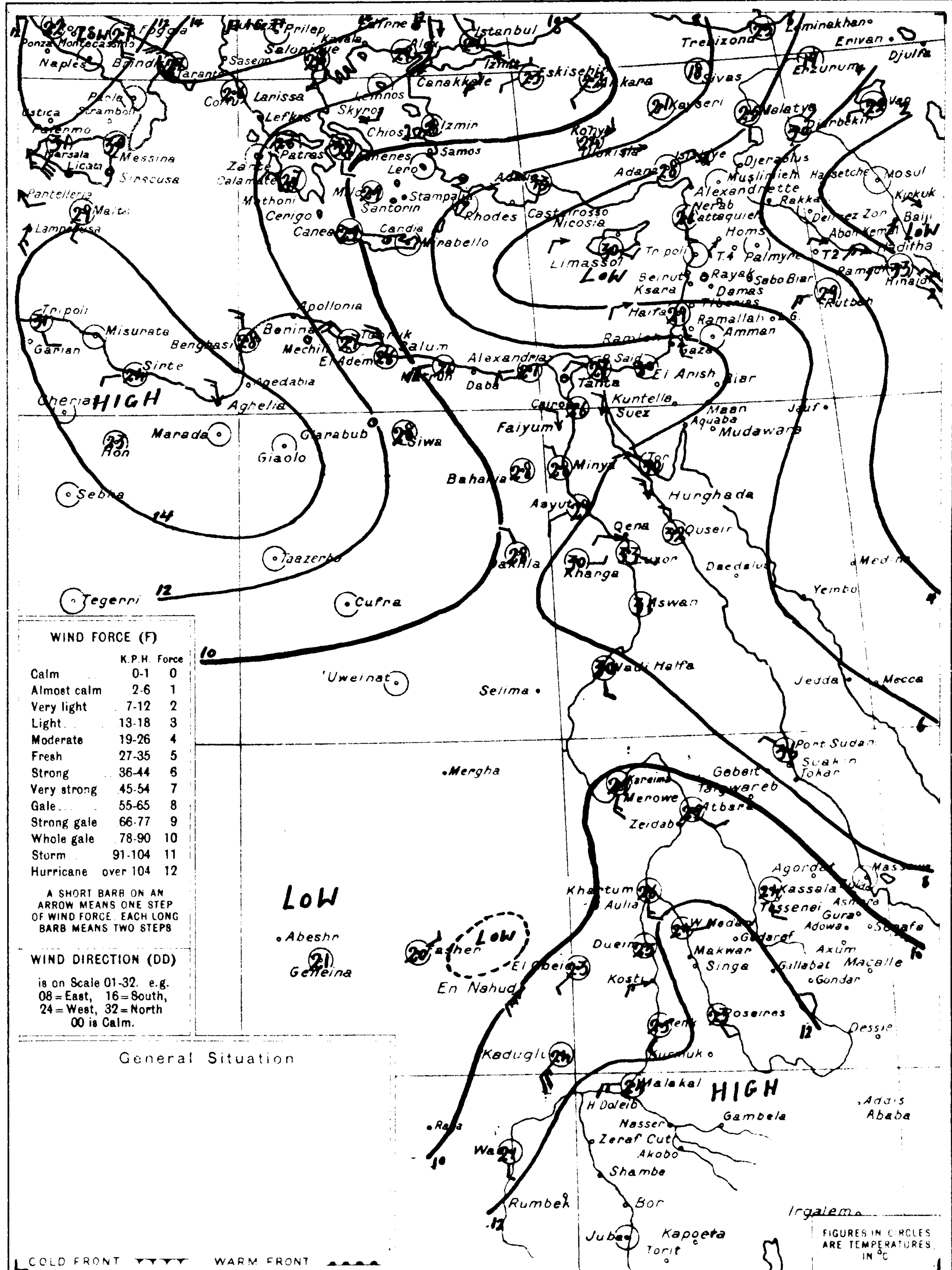
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
8-8	3704	7250
7-8	3473	6895

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-8	13.35	-0.36	13.46	-0.24
Nasser	7-8	9.67	+0.04	9.67	+0.07
Malakâl	8-8	11.83	+0.16	11.82	+0.16
Roseires	8-8	18.02	-0.90	17.16	-1.73
Sennâr Res	7-8	17.22	—	17.20	—
J. Aulia U.S	7-8	376.21	—	376.12	—
J. Aulia D.S	7-8	373.73	-0.83	373.65	-0.83
Khartûm	7-8	14.15	-0.69	14.18	-0.56
Kh. el Girba	7-8	13.40	-0.50	13.60	-0.25
'Atbara	8-8	13.24	-0.92	13.09	-0.91
Kajnarti	7-8	137.59	-1.13	137.15	-1.35
Aswân Res.	8-8	102.65	—	102.94	—
Aswân D.S	8-8	89.21	-0.71	89.00	-0.65
Rôda (Cairo)	8-8	16.24	-0.23	15.20	-0.18

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

١٩٣٩-٨-٨ Isobars, Wind and Temperature at 8 h. 8-8-1939



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 8 — الساعة ٨ يوم ٨

Station محطة	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	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	10	2	4	0	—	5.9	-1.6	30	—	—	—	—	—	0	610	464
Haifa	01	—	14	3	—	3	—	7.8	+1.7	29.0	32	+1	25	+3	69	0	559	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	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, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 18
" " Sunset 18 43

Month AUGUST 1939 · ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 8th الساعة ١٤ يوم ٨ — At 8 h. on WEDNESDAY 9th الساعة ٨ يوم الأربعاء ٩

Station	14h Present weather (ww)	14h Visibility (V)	14h Wind Dir. (DD)	14h Wind Force (F)	14h Past weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. press. M.S.L. 1000+ mbs (PPP)	14h Temp. °C (TTT)	14h Humidity % (UU)	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																													
SALUM	00	8	02	6	0	0	—	10.0	31.1	56	00	7	28	4	0	0	—	10.4	-0.3	25.0	34		22		84	0	182	—	130
MATRUH	00	7	28	5	0	0	—	8.6	28.4	83	00	7	26	4	0	0	—	9.1	-0.8	26.9	29	+1	24	+3	88	0	122	160	131
DIKHEILA	01	8	26	3	0	1	Sc	8.8	28.6	87	05	7	18	1	0	0	—	9.0	—	27.4	30	—	22	—	78	0	94	—	150
ALEXANDRIA	00	9	24	4	0	0	—	7.9	29.5	70	00	9	00	0	0	0	—	8.7	-1.2	28.0	31	0	24	+1	73	0	166	185	132
DAMIETTA											00	8	32	1	0	0	—	6.8	—	28.2	34		25		77	0	70	107	159
PORT SAÏD	00	7	30	3	0	0	—	8.0	33.1	62	00	8	04	1	0	0	—	8.8	+0.6	28.8	34	+3	25	+1	80	0	64	81	134
EL 'ARISH	00	7	30	3	1	0	—	8.2	30.0	80	00	7	00	0	0	0	—	8.0	—	29.9	31		20		65	0	130	93	135
Lower Egypt																													
DAMANHUR											00	6	32	3	0	0	—	8.7	-0.5	28.0	34	+1	21	+2	72	0	29	103	136
MANSURA											00	8	02	2	0	0	—	8.2	—	27.3	36	+1	24	+3	81	0	46	55	137
TANTA	00	7	00	0	0	0	—	7.8	34.5	44	00	7	00	0	0	0	—	8.6	-1.2	28.0	36	0	22	+1	81	0	41	43	138
ZAGAZIG	00	8	26	1	0	0	—	8.2	35.8	39	00	8	30	2	0	0	—	8.6	—	30.3	36	+1	22	+3	70	0	31	29	139
Middle Egypt — Cairo																													
ALMAZA	00	8	24	3	0	0	—	8.3	35.8	21	00	7	02	2	0	0	—	8.8	—	27.7	37	—	23	—	66	0	18		141
EZBEKIYA	00	8	28	2	0	0	—	7.4	36.8	30	05	6	02	2	0	0	—	8.3	-1.2	28.0	38	+3	23	+1	75	0	23	28	—
GIZA	00	8	28	2	0	0	—	7.1	37.0	12	00	6	02	2	0	0	—	8.0	-1.8	26.5	39	+4	23	+3	80	0	23	28	—
HELWAN	00	9	28	4	0	0	—	7.5	35.7	18	05	6	00	0	0	0	—	8.2	-1.1	28.0	37	+2	23	+2	44	0	26	29	143
SUEZ	00	9	08	1	0	0	—	7.2	37.0	25	00	8	32	1	0	0	—	7.9	-0.8	31.5	40	+4	23	0	39	0	27	18	144
Upper Egypt																													
FAIYUM	00	8	30	2	0	0	—	7.8	36.2	24	00	7	00	0	0	0	—	8.0	-1.4	27.5	40	+4	24	+3	74	0	7	8	153
MINYA	00	8	32	2	0	0	—	5.9	37.4	26	00	6	32	2	0	0	—	7.4	-1.3	26.9	38	+2	22	+1	60	0	4	—	154
ASYUT	00	8	26	3	0	0	—	7.1	37.1	18	00	7	28	1	0	0	—	7.5	-1.0	30.4	38	+1	22	-1	31	0	2	4	155
QENA	00	8	22	1	0	0	—	5.6	39.7	24	00	8	22	1	0	0	—	7.1	+0.4	31.4	41	+1	25	+1	38	0	dr	—	156
LUXOR	00	8	22	2	0	0	—	5.9	40.8	—	00	8	22	1	0	0	—	7.4	—	33.5	42	—	22	—	38	0	dr	—	157
ASWAN	00	7	26	3	0	0	—	5.3	39.4	19	00	7	02	3	0	0	—	7.0	-0.4	32.7	41	+1	26	0	26	0	1	—	158
Western Desert																													
SIWA	00	8	00	0	0	0	—	10.0	38.2	53	00	8	00	0	0	0	—	11.9	+1.1	27.2	40	+2	18	-3	78	0	7	8	148
BAHARIYA	00	9	16	1	0	0	—	7.9	38.0	21	00	9	32	1	0	0	—	8.2	—	26.0	38		21	—	76	0	1		149
KHARGA	00	8	04	2	0	0	—	5.9	40.2	26	00	8	00	0	0	0	—	7.6	-0.4	30.4	40	0	21	-1	34	0	dr	tr	151
DAKHLA	06	8	02	2	0	0	—	7.9	38.7	11	00	8	00	0	0	0	—	9.9	+0.7	28.0	41	+2	23	0	21	0	dr	—	152
Red Sea																													
TOR	00	6	28	3	0	0	—	5.4	38.8	18	00	6	28	3	0	0	—	6.7	+0.6	29.8	39	+5	23	-1	72	0	20	13	145
HURGHADA	00	9	06	3	0	0	—	6.7	35.0	39	00	9	30	1	0	0	—	7.0	+0.5	32.0	36	+1	25	0	49	0	1	—	146
QUSEIR	01	7	32	2	0	1	Ci	7.0	33.0	55	00	7	32	2	0	0	—	7.0	+0.9	35.0	34	0	27	0	32	0	tr	6	147
PORT SUDAN	30	—	10	2	8	9	—	—	38	55	00	—	04	2	0	0	—	7.0	+1.5	36.3	42	+1	30	+2	43	0	81	119	169
North Sudan																													
WADI HALFA	01	9	28	5	0	1	Ac	5.7	42	44	07	5	20	4	0	0	—	8.1	0.0	30.8	42	+2	24	+1	42	—	—		165
KAREIMA	01	8	18	5	2	3	Cu	2.7	34	24	03	8	18	2	1	8	Ac,As	10.0	+1.8	27.1	37	-4	24	-3	77	7	13	18	166
ATBARA	02	—	20	2	9	5	—	6	37	25	02	—	20	3	6	4	—	10.0	+1.8	28.0	38	-2	24	-1	61	4	52	45	167
KHARTUM	03	8	24	2	8	7	Cu,Ac	9.6	35	50	03	7	14	4	1	7	Ac,As	11.0	+1.7	26.6	35	-2	25	+1	69	dr	59	83	168
KASSALA											02	8	12	3	1	5	Cu	11.5	-0.2	23.0	32	-1	20	-2	83	21	214	187	170
Central Sudan																													
WAD MEDANI	02	—	24	3	1	5	—	8	32	45	03	—	12	1	6	7	—	14.6	+3.8	20.4	33	-2	20	-2	97	22	377	222	171
DUEIM	01	—	20	3	6	3	—	8	33	45	03	—	—	4	2	7	—	11.8	+0.8	25.2	34	-1	22	0	79	0	270	173	173
RENK	02	7	18	2	5	5	St	—	26	76																			182
ROSEIRES	08	—	28	5	0	—	—	10	31	55	02	—	10	1	1	4	—	12.6	+0.7	24.2	32	0	21	0	85	1	381	468	172
EL OBEID	01	8	22	3	1	4	Cu,Ac	8.6	32	38	03	8	16	2	1	7	As	10.3	-1.7	24.5	32	-1	23	+2	76	0	212	186	174
EL FASHER	01	—	20	3	—	3	—	—	27	—	01	8	08	1	1	3	Cu	—	—	22.5	29	-4	21	+1	83	dr	252	181	175
GENEINA	03	8	08	3	8	6	Cb	—	24	67	02	8	20	1	1	5	Cb	—	—	22.2	27	—	19	—	91	6	309	—	179
KADUGLI	03	7	24	4	2	6	As	7.8	23	70																		—	187
South Sudan																													
MALAKAL	03	8	20	3	2	6	Cu,Ac	8.5	29	83	51	8	18	2	1	8	As	12.7	-0.1	22.7	30	-1	21	0	89	dr	543	594	176
WAU											03	—	28	1	6	7	—	11.7	+0.2	21.6	31	-1	20	0	92	9	725	800	177
JUBA											02	8	00	0	1	4	Sc	12.4	-0.4	21.6	26	-5	19	-1	91	0	809	714	178

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

UPPER WINDS ON 9th في يوم

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 h. m.	WADI HALFA 4 h. m.	KAREIMA 5 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	P.SUDAN 7 h. m.	P.SALOM 8th 13 h. m.
02.34.25	02.36.15	01.00.00	02.04.20	02.30.10	02.29.10		03.--.--	06.15.05	06.11.35	06.17.30	07.22.30	06.21.15	02.09.05	02.02.40
05.01.05	05.01.30	08.04.20	05.12.20	05.07.15	05.01.10		06.04.25	10.01.05	10.13.45	10.18.20	10.23.35	10.24.20	05.04.05	05.34.25
10.01.25	10.03.25	10.03.30	10.12.20	08.12.25	10.31.20		10.04.20	14.06.30	15.17.35	15.23.10	15.28.15	15.28.10	10.03.05	10.36.25
15.04.30	15.02.25	15.03.30	15.12.10	10.12.10	15.28.15		15.02.15		20.18.30	20.08.10	20.35.05	20.28.05	15.20.05	15.02.20
20.03.35		20.03.25	20.15.10	15.10.10	20.28.20		20.32.15		30.12.35	21.06.15	30.07.10	30.05.15	20.22.05	20.01.30
25.01.35		25.03.25	25.11.05	20.11.15			30.29.20		40.28.10			40.03.10	25.09.10	25.01.30
28.36.30		28.02.36		23.13.15			39.31.15		50.09.05			43.04.05	30.02.10	30.02.35
				25.14.15					60.11.15				35.03.20	36.01.25
				30.35.05									40.18.05	
				35.10.10									45.23.05	

Forecast for 24 hours from noon on

تغيرت الطقس المنتظر في ٢٤ ساعة من ظهر يوم

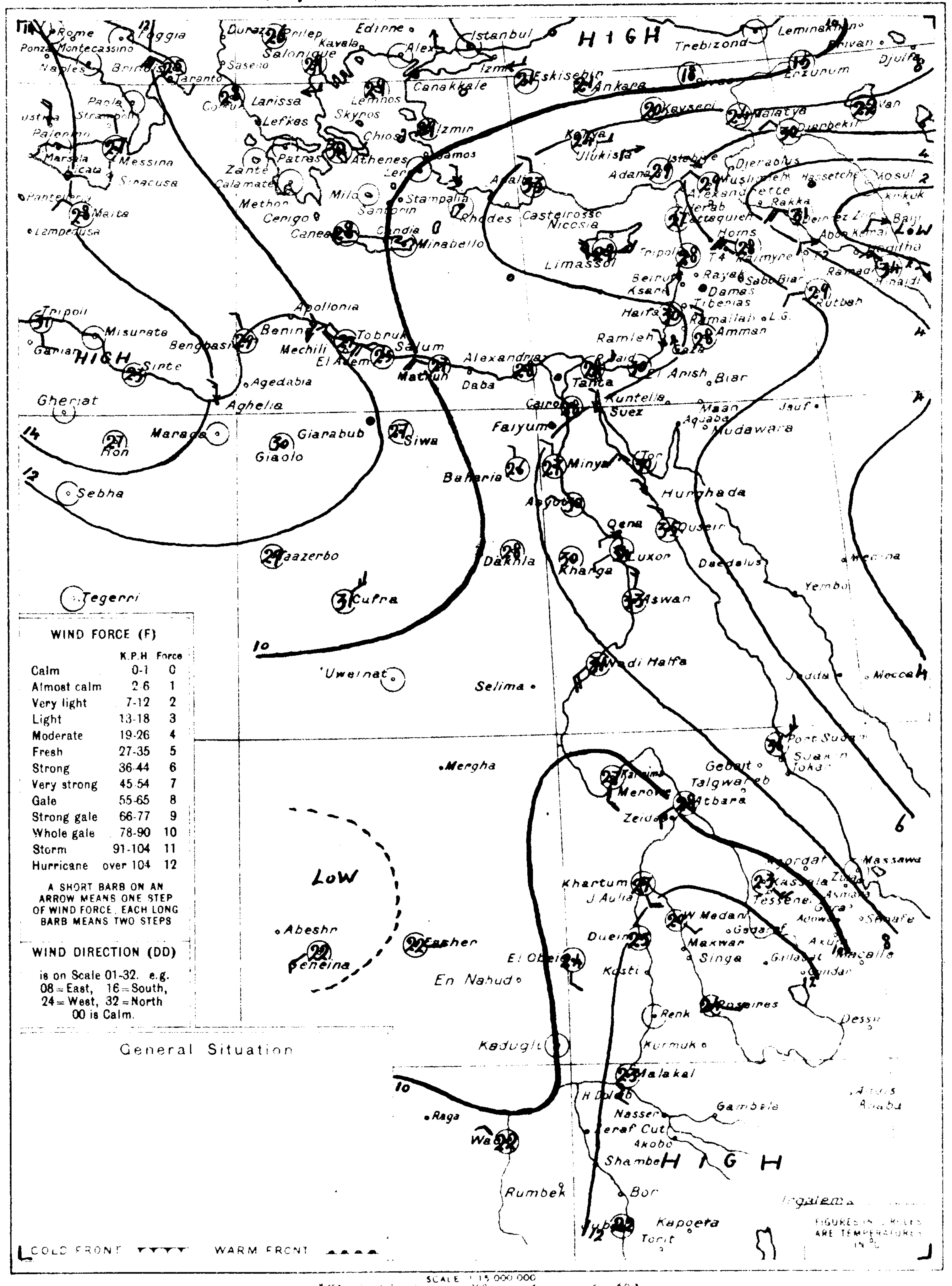
Station	Mean of day Humidity % on 8th	Diff. from normal	Wet bulb temp. °C on 8th	Diff. from normal
Alexandria	79	+7	24.7	+2.1
Ezbekiya	51	-11	23.0	+0.1
Giza	50	-13	22.0	-0.3
Helwan	37	-13	19.9	-0.3
Giza (grass minimum)	9th		18.0	

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
9-8	3820	7429
8-8	3704	7250

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	8-8	13.32	-0.40	13.35	-0.36
Nasser	8-8	9.69	+0.04	9.67	+0.04
Malakal	9-8	11.84	+0.16	11.83	+0.16
Roseires	9-8	18.04	-0.91	18.02	-0.90
Sennar Res	7-8	17.22	—	17.20	—
J. Aulia U.S	8-8	376.30	—	376.21	—
J. Aulia D.S	8-8	373.68	-0.92	373.73	-0.83
Khartum	8-8	14.14	-0.78	14.15	-0.69
Khashm el Girba	8-8	13.56	-0.36	13.40	-0.59
Atbara	8-8	13.24	-0.92	13.09	-0.91
Kajnarti	8-8	138.04	-0.98	137.59	-1.13
Aswan Res.	9-8	102.46	—	102.65	—
Aswan D.S	9-8	89.31	-0.79	89.21	-0.71
Roda (Cairo)	9-8	16.39	-0.25	16.24	-0.23

١٩٣٩-٨-٩ Isobars, Wind and Temperature at 8 h. 9-8-39



SCALE 1:15,000,000

STATION محطة	At 8 h. on 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	Total from Oct 1	Normal from Oct 1
Limassol	00	6	08	3	0	0	—	6.6	-0.9	29	—	—	—	—	—	0		464
Haifa	00	—	00	0	—	0	—	8.4	+2.2	29.6	32	+1	22	0	52	0		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
Squalls 13
Slight Duststorm 14
Rain in past hour 20-29
Slight Thunderstorm 25
Heavy Thunderstorm 29
Duststorm 30-37
Fog or Thick Haze 30-38
Mod. Fog, in last hour 41
Thick ... 42
Fog in patches 49
Drizzle 50-57
Rain 60-69
Rain and Fog 67
Rain and Snow 68-69
Snow 70-77
Showers 80-89
" of Snow 83-84
" of Sleet 85-86
" of Hail 88-89
Thunderstorm 90-99
" with Slow Rain 91
" with Hail 94-96
" with Duststorm 98
" heavy with Hail 99

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

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

CLOUD AMOUNT (N)
Clear 0
Trace 1
2/10 Tenths 2
3 Tenths 3
4-5-6 Tenths 4
7-8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

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

CAIRO
Time of Sunrise 05 h 18 m
Sunset 18 h 42 m

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

DAILY WEATHER REPORT

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

At 14 h. on 9 — At 8 h. on THURSDAY 10th

STATION	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	Humidity % UU	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	Diff. from normal	Minimum Today °C	Diff. from normal	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM	01	7	02	5	0	1	Cu	10.3	32.8	44	00	7	10	1	0	0	—	12.7	+1.9	27.5	34	—	21	—	74	0	182	—	130
MATRUH	00	7	28	4	0	0	—	9.4	28.3	88	02	7	26	4	1	4	Cu	11.8	+1.8	26.4	29	+1	22	+1	92	0	122	160	151
DIKHEILA	00	8	30	3	0	0	—	9.6	27.4	94	05	7	22	1	2	1	Sc	12.3	—	26.3	28	—	22	—	92	0	94	—	150
ALEXANDRIA	00	9	32	3	0	0	—	9.1	29.1	73	02	6	00	0	4	4	Ac	11.6	+1.6	26.0	31	0	23	0	88	0	166	185	132
DAMIETTA											00	7	18	1	0	0	—	10.7	—	29.0	33	—	23	—	71	0	70	107	159
PORT SAID	00	8	04	2	0	0	—	8.8	33.2	58	00	8	04	2	0	0	—	10.8	+2.6	29.2	34	+3	24	0	71	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	8.3	32.3	51	00	7	00	0	0	0	—	10.8	—	28.8	33	—	21	—	80	0	130	93	135
DAMANHUR											00	6	28	3	0	0	—	11.2	+2.0	29.0	36	+3	21	+2	68	0	29	103	136
MANSURA											00	8	16	1	0	0	—	10.8	—	27.0	37	+2	21	0	76	0	46	55	137
TANTA	00	7	00	0	0	0	—	7.9	36.0	42	00	7	00	0	0	0	—	11.0	+1.1	27.0	38	+2	19	-2	80	0	41	43	138
ZAGAZIG	00	8	30	1	0	0	—	9.5	36.9	30	00	8	30	1	0	0	—	12.6	—	28.8	37	+2	20	+1	78	0	31	29	139
CAIRO ALMAZA	00	8	28	4	0	0	—	7.8	37.0	22	05	7	04	2	0	0	—	10.7	—	28.4	38	—	24	—	69	0	18	—	141
CAIRO EZBEKIYA	00	8	30	1	0	0	—	7.1	37.8	25	00	6	02	2	0	0	—	10.4	+0.8	27.8	38	+3	23	+1	77	0	23	28	—
CAIRO GIZA	00	8	30	1	0	0	—	6.3	37.3	18	00	6	30	2	0	0	—	10.8	+1.0	26.6	37	+2	22	+2	84	0	23	28	
HELWAN	00	8	26	4	0	0	—	6.8	36.0	23	00	7	30	1	0	0	—	10.0	+0.6	29.0	37	+2	24	+3	46	0	26	29	143
SUEZ	00	9	28	1	0	0	—	6.7	39.0	17	00	8	28	2	0	0	—	10.3	+1.5	34.4	41	+5	24	+1	40	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	6.7	38.0	23	00	8	32	2	0	0	—	8.7	-0.8	28.7	41	+5	23	+2	63	0	7	8	153
MINYA	00	7	30	3	0	0	—	6.2	36.6	30	00	7	30	2	0	0	—	9.5	+0.7	27.0	38	+2	24	+3	63	0	4	—	154
ASYUT	00	8	30	3	0	0	—	6.6	36.2	20	00	6	30	1	0	0	—	9.4	+0.9	29.1	39	+2	23	0	47	0	2	4	155
QENA	00	8	28	1	0	0	—	5.6	40.0	20	00	8	22	1	0	0	—	8.3	+1.5	30.0	41	+1	23	-1	39	0	dr	—	156
LUXOR	00	8	14	1	0	0	—	5.9	41.0	—	00	8	22	1	0	0	—	9.0	—	32.0	42	—	21	—	38	0	dr	—	157
ASWAN	00	7	30	1	0	0	—	4.7	42.5	20	00	7	02	2	0	0	—	9.1	+1.7	33.0	42	+1	26	0	27	0	1	—	158
SIWA	00	8	28	1	0	0	—	10.6	39.4	44	00	8	04	1	0	0	—	12.6	+1.8	28.4	40	+2	22	+1	61	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	6.8	37.0	30	00	9	00	0	0	0	—	10.4	—	28.0	37	—	24	—	63	0	1	—	149
KHARGA	00	8	32	1	0	0	—	5.6	40.7	25	00	8	00	0	0	0	—	9.1	+1.0	29.8	42	+2	23	+1	36	0	dr	tr	151
DAKHLA	06	7	28	1	0	0	—	7.4	39.0	14	00	8	00	0	0	0	—	11.1	+1.8	31.0	40	+1	23	0	27	0	dr	—	152
TOR	01	6	28	3	0	1	Cu	5.5	38.8	27	00	6	28	3	0	0	—	7.6	+1.4	30.0	39	+5	24	0	78	0	20	13	145
HURGHADA	00	9	06	2	0	0	—	5.9	36.2	33	00	9	30	4	0	0	—	8.0	+1.5	32.4	37	+2	24	-1	42	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	5.9	32.0	67	00	7	30	2	0	0	—	7.9	+1.8	33.7	36	+2	27	0	40	0	tr	6	147
PORT SUDAN	03	—	08	2	0	7	—	7	37	55	00	—	24	3	0	0	—	8.3	+2.7	38.2	40	-1	28	0	29	0	81	119	169
WADI HALFA	00	8	26	3	0	0	—	5.6	34	14	01	9	32	2	0	2	Cs	9.3	+1.1	30.3	42	+2	23	0	21	—	—	—	165
KAREIMA	05	7	26	4	1	5	Sc	9.2	34	40	05	7	20	3	0	1	Ac	11.3	+3.1	29.6	38	-3	26	-1	47	0	13	18	166
ATBARA	02	—	20	5	0	5	—	7	38	25	00	—	20	2	0	0	—	10.4	+2.2	31.0	38	-2	26	+1	47	0	52	46	167
KHARTUM	28	8	24	2	6	7	As	9	32	40	02	8	18	2	1	5	Ac,As	11.7	+2.4	27.2	35	-2	26	+2	69	0	59	85	168
KASSALA											01	8	12	2	2	4	Ac	11.9	+0.2	25.0	32	-1	21	-1	76	dr	214	191	170
WAD MEDANI	02	—	26	4	4	5	—	9	—	65	02	—	16	4	0	4	—	11.2	+0.4	25.6	29	-6	20	-2	82	5	382	227	171
DUEIM	02	—	12	5	1	5	—	9	—	65	00	—	—	3	0	0	—	11.6	+0.6	25.8	30	-5	23	+1	82	0	270	177	173
RENK	02	7	18	2	5	5	Sc	9.4	29	64									—		—		—				—	—	182
ROSEIRES	01	—	26	4	4	3	—	8	—	65	03	—	26	1	5	7	—	13.4	+1.5	22.0	32	0	20	-1	93	4	385	475	172
EL OBEID	10	7	28	3	8	8	Cu,Ac	7.7	29	58	02	8	00	0	8	5	Ac,Cu	12.2	+0.2	23.4	32	-1	21	0	91	13	225	190	174
EL FASHER	02	—	20	3	—	5	—	—	—	45	03	8	04	1	1	7	Cu,Sc	—	—	23.5	31	-2	22	+2	83	dr	252	186	175
GENEINA											03	7	00	0	2	7	Sc	—	—	21.8	29	—	21	—	91	0	309	—	179
KADUGLI	04	7	18	2	2	5	Cu,Ac	7.6	—	69	01	7	00	0	4	1	—	11.9	—	22	33	—	21	—	44	—	—	—	187
MALAKAL	02	9	24	5	—	4	Sc	8.6	30	62	03	8	08	3	1	7	Ac,As	12.8	0.0	24.2	31	0	22	+1	87	3	546	600	176
WAU											50	—	12	2	1	8	—	13.5	+2.0	21.5	31	0	21	+1	91	dr	725	807	177
JUBA	03	9	24	5	0	7	Cu,Ac	—	30	50	03	8	30	2	1	7	Sc	12.9	+0.1	21.7	30	-1	20	0	82	0	809	717	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 10-8

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 5h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	P.SAID A.P. 7h	SALUM 9.8 13h
02.36.25	cont. clds. Cu.	01.22.05		02.02.10	02.30.0	02.36.10	03.05.15	06.25.30	06.19.30	06.18.25	07.19.10	06.08.10	02.06.10	02.36.25
05.05.10		02.14.10		05.07.15	05.22.05	05.03.25	06.02.20	10.21.20	10.19.40	10.19.15	10.15.10	10.12.05	05.06.15	05.01.30
10.36.20		05.08.05		08.04.20	10.04.05	10.01.15	10.36.20	15.02.05	15.14.30	15.23.05	15.13.20	15.18.05	10.07.30	10.02.15
15.02.25		07.07.15		10.05.20	15.06.05	15.34.10	15.34.20	20.04.20	20.12.20	20.25.05	20.13.15	20.26.15	15.07.30	15.35.15
20.01.35		10.04.20		15.07.10	20.06.05	20.30.20	20.01.15	24.30.05	30.08.25	30.23.20	26.12.25	30.25.10		20.01.30
25.02.40		15.05.35		20.09.05		25.25.20	27.05.05		34.08.20	40.24.20		40.10.15		25.35.25
30.01.35		19.06.40		23.12.05		30.22.35				43.24.15		50.13.15		
35.03.25				25.14.10		35.24.20								
				30.18.30										
				35.16.10										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

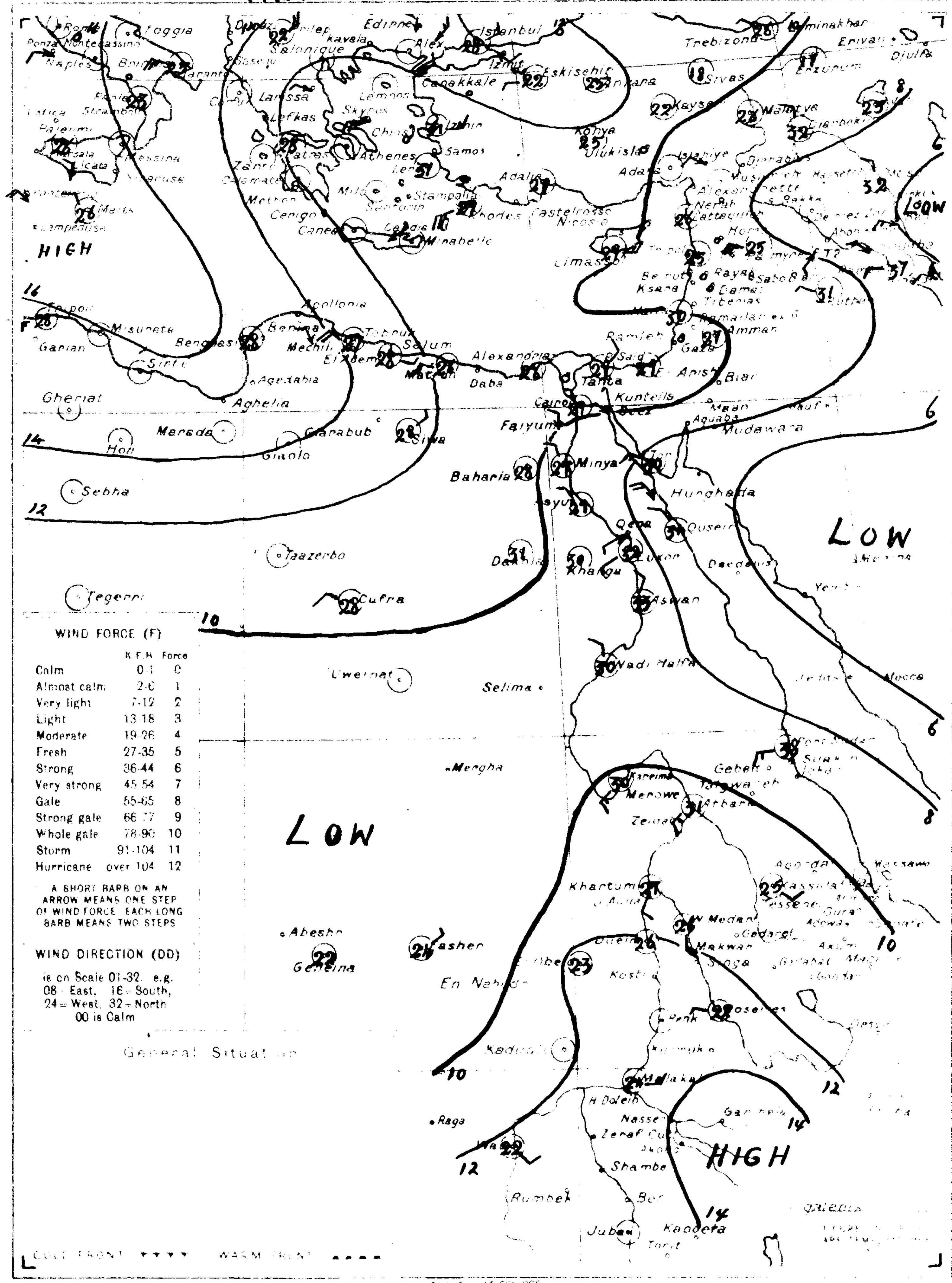
STATION	Mean of day Humidity % on 9	Diff. from normal	Wet bulb temp. °C on 9	Diff. from normal
Alexandria	74	+2	24.6	+2.0
Ezbekiya	55	-7	23.6	+0.7
Giza	59	-5	22.7	+0.4
Helwan	34	-16	20.8	+0.5
Giza …	10		16.4	

Discharges at Aswan measured by … in m³ per sec

DATE	1939	1938
10-8	3820	7937
9-8	3820	7429

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	9-8	13.28	-0.44	13.32	-0.40
Nasser	9-8	9.70	+0.03	9.69	+0.04
Malakal	10-8	11.84	+0.15	11.84	+0.16
Roseires	10-8	18.20	-0.87	18.04	-0.91
Sennar Res	9-8	17.19	—	17.20	—
J. Aulia U.S	10-8	376.31	—	376.29	—
J. Aulia D.S	10-8	373.69	-1.03	373.67	-0.98
Khartum	9-8	14.16	-0.84	14.14	-0.78
Khashm el Girba	9-8	13.10	-0.88	13.56	-0.36
Atbara	9-8	13.29	-0.95	13.24	-0.92
Kajnarti	9-8	138.15	-1.07	138.04	-0.98
Aswan Res	10-8	102.67	—	102.46	—
Aswan D.S	10-8	89.34	-0.96	89.31	-0.79
Roda (Cairo)	10-8	16.36	-0.25	16.29	-0.25

١٩٣٩-٨-١٠ Isobars, Wind and Temperature at 8 h. 10-8-1939



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 10

STATION	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L.	Diff.	Dry Bulb	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Rain past 24 hrs	Total	Normal
Limassol	09	6	08	3	4	0	—	10.7	+3.2	29	—	—	—	—	—	0	610	464
Haifa	00	—	00	0	—	0	—	9.3	+3.1	30.4	35	+4	24	+2	59	0	559	647

SHIPS

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
Clouds 02
Overcast 03
Low fog 04
Thick haze 05
Dust devils 06

Showers

Thunderstorm

Cumulonimbus

CAIRO
Time of Sunrise h 5 m 20
" " Sunset 18 41

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

1417 F.C.

At 14 h. on 10-8 ٨-١٠ 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.s.	TEMP. °C	HUMIDITY %	
	ww	V	DD	F	W	N	C	PPP	TTT	UU	
SALUM	00	7	02	6	0	0	—	13.1	30.4	64	130
MATRUH	00	7	28	3	0	0	—	11.8	28.8	89	131
DIKHEILA	00	8	28	3	0	0	—	12.3	28.2	90	150
ALEXANDRIA	00	9	32	2	0	0	—	11.5	30.8	68	132
DAMIETTA											159
PORT SAÍD	00	8	28	4	0	0	—	10.8	33.2	66	134
EL 'ARISH	00	7	30	4	0	0	—	10.3	31.2	75	135
DAMANHÛR											
MANSÛRA											137
TANTA	00	7	00	0	0	0	—	10.3	37.0	35	138
ZAGÁZIG	00	8	30	1	0	0	—	10.8	37.4	34	139
'ALMÁZA	01	8	28	3	0	1	Cu	10.0	38.0	26	141
'EZBEKIYA	00	8	28	2	0	0	—	9.6	37.8	29	
GIZA	00	8	28	2	0	0	—	9.0	37.0	27	142
HELWÁN	00	8	32	5	0	0	—	8.7	38.1	13	
SUEZ	00	9	32	2	0	0	—	8.6	39.9	19	144
FAIYUM	00	8	32	2	0	0	—	8.8	39.5	21	
MINYA	00	7	24	2	0	0	—	7.8	39.3	25	154
ASYUT	00	7	32	1	0	0	—	8.3	37.4	21	155
QENA	00	8	20	3	0	0	—	7.4	39.7	26	156
LUXOR	00	8	26	2	0	0	—	8.2	41.2	—	157
ASWÁN	00	7	26	3	0	0	—	6.7	41.7	22	158
SÍWA	00	8	28	1	0	0	—	11.8	40.0	46	148
BAHARIYA	00	9	32	1	0	0	—	9.4	38.0	27	149
KHÁRGA	00	8	04	2	0	0	—	7.1	40.9	23	151
DAKHLA	06	7	30	3	0	0	—	9.3	39.0	15	152
TÛR	00	6	28	4	0	0	—	7.6	36.0	45	145
HURGHADA	00	9	06	2	0	0	—	7.0	36.5	36	146
QUSEIR	00	7	04	2	0	0	—	7.9	32.0	63	147
PORT SUDAN											169
WÁDI HALFA	00	8	28	4	0	0	—	7.3	43	22	165
KAREIMA	00	8	16	2	0	3	Cu	9.2	39	27	166
'ATBARA											167
KHARTÚM	01	9	18	2	1	4	Cu	8.3	37	30	168
KASSALA	01	8	14	2	1	3	Cu	8.2	34	44	170
WAD MEDANI											171
DUEIM											173
RENK	02	7	22	2	1	5	Cu	8.0	34	45	
ROSEIRES											172
EL OBEID	01	8	12	1	0	4	Cu	8.4	30	53	174
EL FASHER											175
GENEINA	11	8	12	2	2	7	—	—	28	53	
KADUGLI	02	7	12	3	2	5	Cu	9.5	29	71	187
MALAKÁL	10	8	16	4	8	7	Cu,Ac	9.0	27	76	176
WAU											177
JUBA											178

At 8 h. on FRIDAY 11th الجمعة ١١ يوم

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	HUMIDITY %	RAINFALL Past 24 hrs mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU				
SALUM	01	6	30	4	4	2	St	13.1	+2.3	25.7	31	—	21	—	87	0	182	—	130
MATRUH	01	7	22	4	1	4	Cu	12.2	+2.2	27.2	29	+1	23	+2	87	0	122	160	131
DIKHEILA	01	8	28	1	0	1	Cu	12.0	—	27.5	29	—	22	—	88	0	94	—	150
ALEXANDRIA	00	9	00	0	0	0	—	11.5	+1.4	28.0	32	+1	25	+2	82	0	166	185	132
DAMIETTA	01	6	20	1	0	1	Cu	10.8	—	29.0	34	—	23	—	78	0	70	107	159
PORT SAÍD	00	7	26	2	0	0	—	10.2	+2.0	28.3	34	+3	25	+1	82	0	64	81	134
EL 'ARISH	01	7	00	0	1	3	Sc	10.7	—	30.0	31	—	22	—	76	0	130	93	135
DAMANHÛR	00	6	22	3	0	0	—	11.8	+2.5	26.0	38	+5	21	+1	92	0	29	103	136
MANSÛRA	40	4	12	1	0	0	—	11.4	—	25.5	39	+4	22	+1	92	0	46	55	137
TANTA	00	7	00	0	0	0	—	11.5	+1.6	28.0	37	+1	20	-1	81	0	41	43	138
ZAGÁZIG	00	8	26	1	0	0	—	11.1	—	29.9	38	+3	21	+2	68	0	31	29	139
'ALMÁZA	05	5	32	1	0	0	—	11.6	—	26.5	38	—	22	—	73	0	18	—	141
'EZBEKIYA	01	6	28	2	1	4	St	11.5	+1.9	27.3	39	+4	23	+1	75	0	23	28	
GIZA	01	6	28	2	1	4	St	11.6	+1.8	25.5	37	+2	21	+1	87	0	23	28	—
HELWÁN	05	5	28	4	0	0	—	10.6	+1.1	27.6	40	+5	24	+3	52	0	26	29	143
SUEZ	00	8	32	2	0	0	—	10.2	+1.4	29.7	41	+5	24	+1	62	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	10.4	+0.8	29.0	41	+5	23	+2	58	0	7	8	153
MINYA	00	8	32	2	0	0	—	10.2	+1.4	27.7	40	+4	24	+3	61	0	4	—	154
ASYUT	00	7	22	2	0	0	—	9.6	+1.1	29.1	39	+3	23	0	50	0	2	4	155
QENA	00	8	24	2	0	0	—	8.6	+1.8	31.6	41	+1	25	+1	29	0	dr	—	156
LUXOR	00	8	22	1	0	0	—	8.7	—	32.9	42	—	23	—	41	0	dr	—	157
ASWÁN	00	6	00	0	0	0	—	9.5	+2.1	31.0	43	+2	27	+1	48	0	1	—	158
SÍWA	00	8	00	0	0	0	—	13.9	+3.1	30.0	41	+3	21	0	78	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	10.7	—	27.0	39	—	22	—	56	0	1	—	149
KHÁRGA	00	8	00	0	0	0	—	9.8	+1.7	30.2	42	+2	23	+1	35	0	dr	tr	151
DAKHLA	00	8	28	2	0	0	—	12.2	+2.9	31.0	41	+2	25	+2	27	0	dr	—	152
TÛR	00	6	28	2	0	0	—	7.5	+1.3	33.0	39	+5	25	+1	56	0	20	13	145
HURGHADA	00	9	30	3	0	0	—	8.0	+1.5	32.4	37	+2	26	+1	44	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	8.2	+2.1	33.0	34	0	28	+1	43	0	tr	6	147
PORT SUDAN	00	—	08	2	0	0	—	7.4	+1.8	35.1	43	+2	28	0	43	0	81	119	169
WÁDI HALFA	01	8	02	2	0	1	Cu	9.6	+1.4	30.3	44	+4	24	+1	25	—	—	—	165
KAREIMA	05	7	20	3	1	4	AC	11.6	+3.3	32.0	39	-2	28	+1	38	0	13	19	166
'ATBARA	00	—	22	3	0	0	—	10.7	+2.5	32.3	39	-1	27	+2	42	0	52	48	167
KHARTÚM	02	8	20	4	1	5	AC	12.8	+3.5	26.7	37	0	24	0	63	dr	59	87	168
KASSALA	02	8	14	3	1	5	AC	12.1	+0.4	25.2	34	+1	23	+1	76	0	214	194	170
WAD MEDANI	00	—	22	3	6	0	—	13.1	+2.3	24.0	33	-2	21	-1	79	2	384	231	171
DUEIM	03	—	—	3	6	7	—	12.7	+1.7	22.6	32	-3	20	-2	81	19	289	180	173
RENK																			182
ROSEIRES	00	—	14	1	1	0	—	13.3	+1.4	24.9	33	+1	21	0	82	dr	385	482	172
EL OBEID	03	3	04	4	1	8	Sc	—	—	21.8	31	-2	20	-1	82	21	246	193	174
EL FASHER	03	8	04	3	1	7	Ac,Cs	—	—	20.5	30	-3	20	0	91	30	282	191	175
GENEINA	03	8	00	0	6	6	Ac	—	—	20.5	31	—	19	—	91	dr	309	—	179
KADUGLI																			187
MALAKÁL	01	8	08	2	1	4	Ac	13.8	+1.0	24.1	31	0	21	0	83	7	553	606	176
WAU	03	—	24	3	6	7	—	14.8	+3.3	21.5	30	-1	20	0	90	11	736	814	177
JUBA	02	8	00	0	2	5	Cu,Ci	14.3	+1.5	22.4	31	0	21	+1	91	4	813	720	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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÁN	ASYÛT	ASWÁN	WÁDI HALFA	KAREIMA	KHARTÚM	KASSALA	EL OBEID	MALAKÁL	JUBA	SALUM 16th
7 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	3 h. m.	4 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	13 h. m.
02.34.35		02.35.15					03.03.15	06.25.40	06.23.50	06.19.20	07.12.10	06.35.10		02.02.35
05.10.10		05.35.15					06.02.25	10.27.20	10.24.55	10.21.20	10.10.15	10.27.10		05.07.05
10.06.10		10.35.05					10.02.25	15.35.20	15.25.20	15.26.10	15.11.20	15.25.10		10.02.10
15.35.25		11.07.05					15.34.30	20.36.25	20.29.10	20.29.15	20.09.25	20.26.05		15.01.20
20.34.10		13.05.05					20.31.25	30.35.20	30.06.45	30.31.10	30.10.25	30.20.10		20.35.25
25.34.15		18.04.20					30.26.25	33.34.15	34.07.55	40.02.05	40.13.20	40.12.20		25.35.30
30.34.10		20.03.20												28.36.25
35.36.25		25.03.30												
		28.03.40												

Forecast for 24 hours from noon on

تغيرات الطقس المتوقعة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day HUMIDITY % on 10th	Diff. from normal	Mean of day WET BULB TEMP °C on 10th	Diff. from normal
Alexandria	85	+13	25.4	+2.8
Ezbekiya	47	-15	23.9	+0.9
Giza	60	-4	23.6	+1.3
Helwán	37	-13	21.0	+0.7

Giza Grass minimum on 11th 16.5 °C

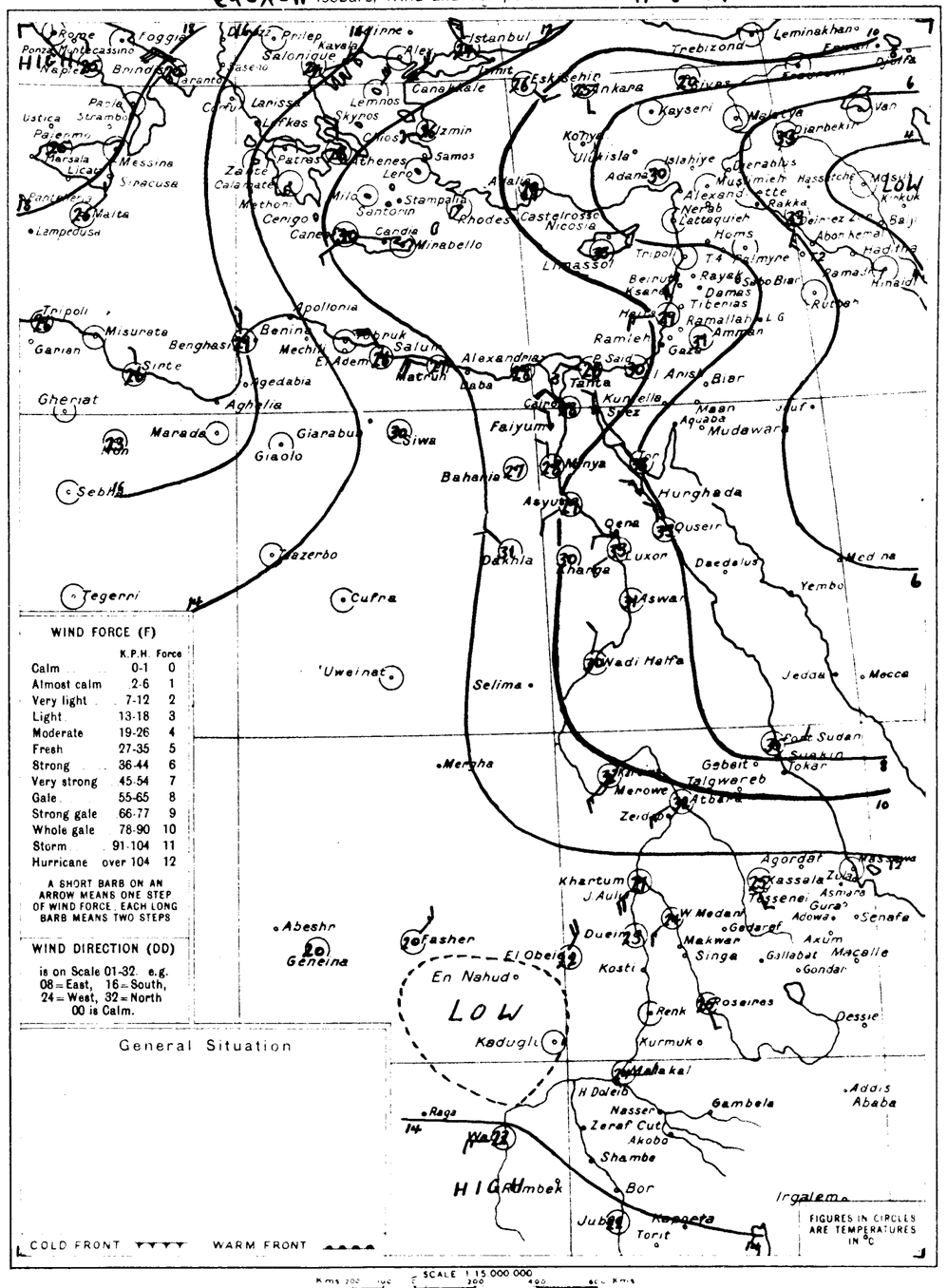
Discharges at Aswán measured by sluices m³ per sec

DATE	1939	1938
10-8	3820	7937
9-8	3820	7429

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-8	13.28	-0.44	13.32	-0.40
Nasser	9-8	9.70	+0.03	9.69	+0.04
Malakál	10-8	11.84	+0.15	11.84	+0.16
Roseires	10-8	18.20	-0.80	18.04	-0.91
Sennar Res	9-8	17.79	—	17.20	—
J. Aulia U.S	10-8	376.31	—	376.29	—
J. Aulia D.S	10-8	373.69	-1.03	373.47	-0.98
Khartúm	9-8	14.16	-0.84	14.14	-0.78
Kh. el Girba	9-8	13.10	-0.88	13.56	-0.36
'Atbara	9-8	13.29	-0.95	13.24	-0.92
Kajnarti	9-8	138.15	-1.07	138.04	-0.98
Aswán Res.	10-8	102.67	—	102.46	—
Aswán D.S.	10-8	89.34	-0.96	89.31	-0.79
Rôda (Cairo)	10-8	16.32	-0.25	16.29	-0.25

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

٢٩-٨-١١ Isobars, Wind and Temperature at 8 h. 11-8-39



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

At 8 h. on 11th الساعة ٨ يوم — ١١ يوم

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESSURE M.S.L. 1000+ m.b.s.	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	HUMIDITY %	RAINFALL Past 24 hrs mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU			
Limassol	00	7	06	2	0	0	—	8.8	+1.3	33	—	—	—	—	—	0	110	464
Haifa	01	—	24	3	—	3	—	10.2	+3.9	29.4	33	+2	25	+3	78	0	559	647

SHIPS سفن

Remarks

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

PRESENT WEATHER (w w)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	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
Mod. fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Rain	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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

12310

CAIRO 1417 F.C.

Time of Sunrise 05 h 20 m

" " Sunset 18 h 40 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 ١٩٣٩ شهر أغسطس ١٩٣٩ - ٨ - ١٢

At 14 h. on 11-8 الساعة ١٤ يوم ١١/٨ — At 8 h. on SATURDAY 12th السبت ١٢ الساعة ٨ يوم

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. PPP	14h TTT °C	14h UU %	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C
SALUM	00	7	02	6	0	0	—	12.4	29.2	79	02	6	32	4	4	4	Cu
MATRUH	00	7	28	4	0	0	—	11.6	28.4	86	01	7	28	4	1	4	Cu
DIKHEILA	00	8	28	3	0	0	—	11.5	28.4	92	01	8	28	3	1	4	Sc
ALEXANDRIA	00	9	28	3	0	0	—	10.6	30.8	70	02	9	28	3	2	4	Ac
DAMIETTA											01	8	24	2	0	3	Ac
PORT SAID	00	7	28	4	0	0	—	9.5	34.0	62	00	8	20	1	0	0	—
EL ARISH	00	7	30	3	1	0	—	10.0	31.2	65	00	7	22	2	0	0	—
DAMANHUR											02	6	24	3	2	4	Cu
MANSURA											00	8	20	1	0	0	—
TANTA	00	7	28	2	0	0	—	9.6	37.0	35	02	7	00	0	1	5	Cu
ZAGAZIG	00	8	30	1	0	0	—	9.5	37.4	33	01	8	26	1	0	1	—
CAIRO ALMAZA	00	8	28	3	0	0	—	9.5	37.2	35	05	6	28	1	0	4	Sc
CAIRO EZBEKIYA	00	7	30	2	0	0	—	9.0	37.7	24	01	6	26	2	0	3	Cu
CAIRO GIZA	00	7	28	2	0	0	—	9.0	37.1	20	02	7	28	1	1	4	Cu
HELWAN	00	7	28	5	0	0	—	8.4	37.0	16	09	6	30	1	0	0	—
SUEZ	00	9	32	3	0	0	—	7.9	37.1	33	00	7	02	3	0	0	—
FAIYUM	00	8	30	3	0	0	—	8.4	38.3	18	00	8	02	2	0	0	—
MINYA	00	7	30	3	0	0	—	7.8	38.3	25	00	9	30	2	0	0	—
ASYUT	00	8	22	4	0	0	—	7.6	38.2	15	00	6	26	3	0	0	—
QENA	00	8	22	3	0	0	—	6.3	41.3	21	00	8	26	2	0	0	—
LUXOR	00	8	26	2	0	0	—	6.7	41.0	—	00	8	08	1	0	0	—
ASWAN	00	7	26	4	0	0	—	6.2	41.3	27	00	7	00	0	0	0	—
SIWA	00	8	00	0	0	0	—	12.4	38.	—	00	8	00	0	0	0	—
BAHARIYA	00	9	24	1	0	0	—	9.3	38.0	31	00	9	00	0	0	0	—
KHARGA	00	8	04	2	0	0	—	8.0	41.3	23	00	8	32	3	0	0	—
DAKHLA	06	7	30	4	0	0	—	9.9	38.8	14	00	8	28	2	0	0	—
TOR	00	6	28	4	0	0	—	6.3	35.1	53	00	6	28	5	0	0	—
HURGHADA	00	9	06	3	0	0	—	6.0	33.9	61	00	9	30	3	0	0	—
QUSEIR	00	7	02	2	0	0	—	6.7	32.5	64	00	7	32	3	0	0	—
PORT SUDAN											06	—	—	2	0	9	—
WADI HALFA											01	8	02	2	1	4	Cs
KAREIMA											05	7	24	3	1	3	Ac,Cs
ATBARA											00	—	24	2	0	0	—
KHARTUM											02	8	20	3	1	5	Ac,Ci
KASSALA											01	8	18	3	1	4	Ac
WAD MEDANI											02	—	20	5	1	4	—
DUEIM											02	—	—	3	1	4	—
RENK											60	7	28	3	6	5	Cb
ROSEIRES											03	—	02	1	6	7	—
EL OBEID											03	8	20	3	1	8	As
EL FASHER											02	8	30	3	1	5	Ac,Cs
GENEINA																	
KADUGLI																	
MALAKAL											03	8	30	2	2	7	As
WAU											03	—	32	2	2	7	—
JUBA											02	8	30	1	1	5	Ac,Ci

STATION	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C	Diff. from norm °C	Min Today °C	Diff. from norm °C	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	11.5	+0.7	25.1	30	—	21	—	82	0	182	—	130
MATRUH	9.8	-0.3	26.9	29	+1	22	+1	82	0	122	160	131
DIKHEILA	10.0	—	27.1	29	—	26	—	90	0	94	—	150
ALEXANDRIA	9.0	-1.1	26.6	31	0	26	+3	82	0	166	185	132
DAMIETTA	8.2	—	29.0	34	=	23	=	74	0	70	107	159
PORT SAID	8.6	+0.3	27.5	35	+4	26	+2	90	0	64	81	134
EL ARISH	—	—	28.8	31	—	23	—	85	0	130	93	135
DAMANHUR	9.3	0.0	28.8	37	+4	22	+2	75	0	29	103	136
MANSURA	8.8	—	27.5	38	+3	22	+1	80	0	46	55	137
TANTA	9.6	-0.4	27.5	38	+2	22	+1	84	0	41	43	138
ZAGAZIG	9.1	—	29.3	37	+2	22	+3	75	0	31	29	139
CAIRO ALMAZA	10.6	—	27.1	38	—	24	—	75	0	18	—	141
CAIRO EZBEKIYA	9.4	-0.3	27.6	39	+4	24	+2	77	0	23	28	—
CAIRO GIZA	9.5	-0.4	25.7	38	+3	24	+4	84	0	23	28	—
HELWAN	9.5	0.0	25.6	38	+3	23	+2	78	0	26	29	143
SUEZ	8.8	-0.1	27.8	40	+4	23	0	77	0	27	18	144
FAIYUM	9.8	+0.2	26.9	39	+3	23	+2	73	0	7	8	153
MINYA	8.6	-0.3	27.3	39	+3	24	+3	64	0	4	—	154
ASYUT	8.3	-0.3	28.3	40	+4	—	—	56	0	2	4	155
QENA	6.3	-0.6	32.0	43	+3	27	+3	36	0	dr	—	156
LUXOR	6.2	—	34.8	42	—	23	—	35	0	dr	—	157
ASWAN	6.2	-1.3	34.3	42	+1	27	+1	35	0	1	—	158
SIWA	11.8	+0.9	28.0	42	+4	21	0	71	0	7	8	148
BAHARIYA	10.4	—	28.0	39	—	23	—	63	0	1	—	149
KHARGA	8.6	+0.4	31.7	42	+2	25	+3	31	0	dr	Tr	151
DAKHLA	10.3	+0.9	31.0	41	+2	25	+2	33	0	dr	—	152
TOR	4.8	-1.5	30.2	37	+3	26	+2	70	0	20	13	145
HURGHADA	6.0	-0.5	32.0	36	+1	27	+2	48	0	1	—	146
QUSEIR	5.8	-0.4	33.2	34	0	28	+1	42	0	Tr	6	147
PORT SUDAN	3.8	-1.8	35.7	39	-2	29	+1	35	0	81	119	169
WADI HALFA	8.0	-0.3	30.9	44	+4	24	+1	22	—	—	—	165
KAREIMA	8.0	-0.3	32.2	41	0	27	0	33	0	13	19	166
ATBARA	7.4	-0.8	34.3	41	+1	28	+3	26	0	52	49	167
KHARTUM	10.0	+0.7	29.8	39	+2	28	+4	59	0	59	89	168
KASSALA	10.4	-1.3	25.2	33	0	22	0	72	dr	214	198	170
WAD MEDANI	12.6	+1.8	23.0	33	-2	21	-1	78	dr	384	236	171
DUEIM	13.0	+2.0	23.6	32	-4	21	-1	77	0	289	184	173
RENK	10.7	—	20	35	—	18	—	91	12	—	—	182
ROSEIRES	—	—	21.1	34	+2	19	-2	93	45	430	489	172
EL OBEID	11.9	-0.1	23.1	29	-4	22	+1	83	0	246	197	174
EL FASHER	—	—	24.0	30	-3	22	+2	83	0	282	196	175
GENEINA											—	179
KADUGLI											—	187
MALAKAL	13.9	+1.1	23.3	30	-1	21	0	89	4	557	612	176
WAU	13.2	+1.7	21.0	28	-3	20	0	96	0	736	821	177
JUBA	14.7	+1.9	21.1	29	-2	19	-1	91	0	813	723	178

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

UPPER WINDS ON 12th الرياح العليا يوم ١٢

SALUM 6 h.	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 3 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	El Fasher 6 h.
02.34.25	02.31.20	02.31.25		02.35.15	02.35.15	02.31.15	03.01.15	06.01.15	06.22.70	06.21.35	07.18.15	06.01.15		09.33.20
05.35.35	05.32.35	05.32.30		05.35.10	05.01.30	05.34.25	06.01.40	11.03.35	10.22.60	10.22.35	10.19.45	10.36.20		10.34.25
10.34.15	07.32.40	10.31.30		08.36.30	10.01.55	10.35.40	10.36.35	15.01.50	15.25.65	15.23.30	15.21.25	15.35.30		15.33.30
15.31.25		14.29.30		10.36.30	15.36.45	15.35.30	15.33.30	20.01.50	20.28.50	20.27.30	20.19.15	20.35.30		20.35.20
20.27.55				15.35.25	20.36.50		20.32.45	30.36.25	30.31.45	30.32.35		30.27.10		25.34.15
25.28.60				20.35.35			24.31.45	34.01.30	40.32.50	33.35.30		40.16.10		
30.26.65				23.35.35					45.34.35			50.11.25		
				25.35.35										
				29.35.30										

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 °C on 11th	Diff. from normal
Alexandria	84	+13	26.1	+3.5
Ezbekiya	57	-5	23.6	+0.6
Giza	64	0	22.8	+0.5
Helwan	41	-10	21.1	+0.8

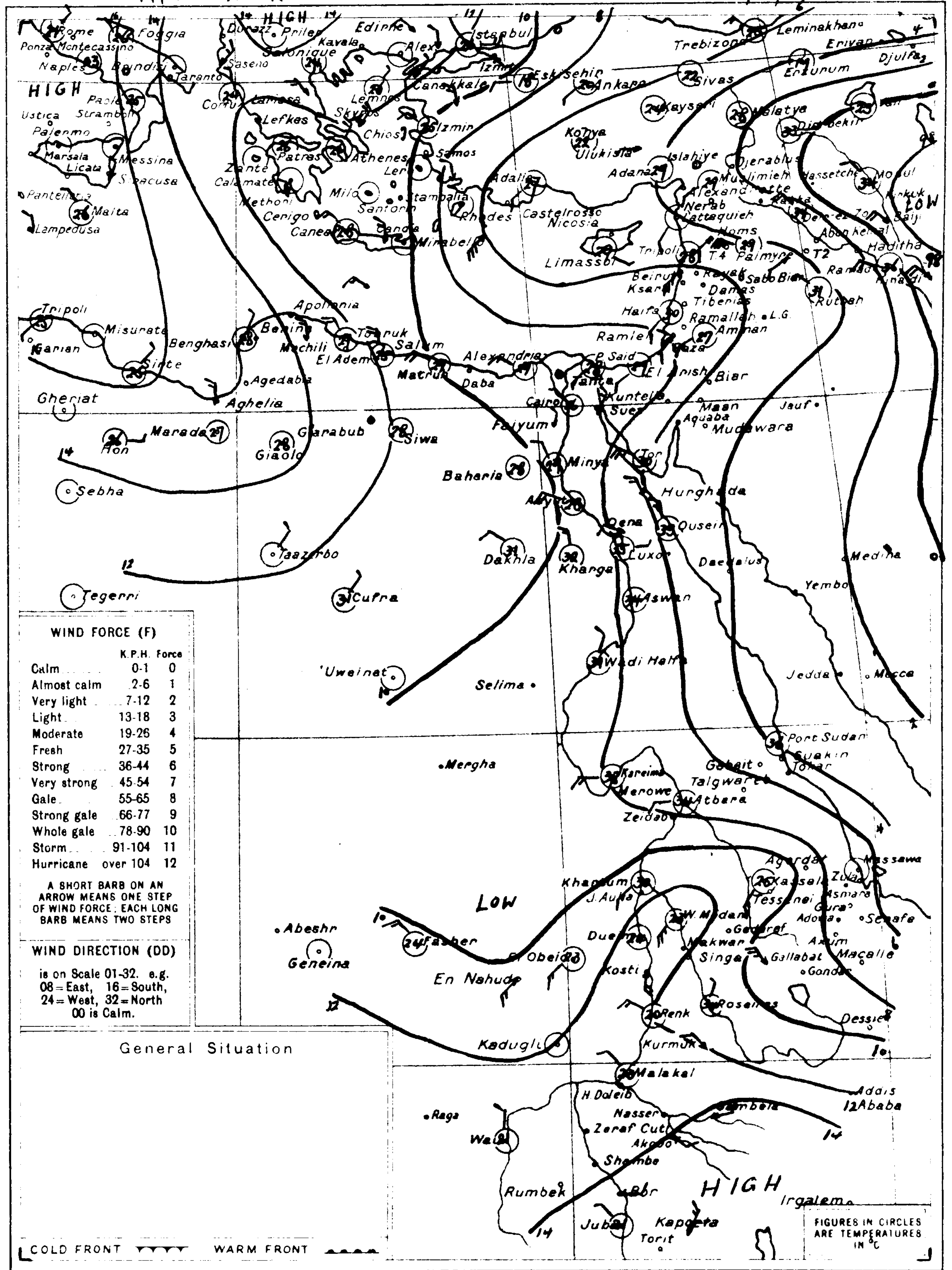
Giza Grass minimum on 12th 17.7°C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
12.8	4226	7961
11.8	4226	8062

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	11-8	13.36	-0.38	13.30	-0.43
Nasser	11-8	9.77	+0.02	9.70	+0.02
Malakal	12-8	11.96	+0.24	11.86	+0.15
Roseires	12-8	18.35	-0.87	18.30	-0.77
Sennar Res	11-8	17.20	—	17.19	—
J. Aulia U.S	12-8	376.48	—	376.43	—
J. Aulia D.S	12-8	373.77	-1.05	373.67	-1.11
Khartum	11-8	14.16	-0.96	14.13	-0.94
Kh. el Girba	11-8	13.40	-0.70	13.30	-0.73
Atbara	11-8	13.40	-1.03	13.26	-1.11
Kajnarti	11-8	138.12	-1.51	138.11	-1.35
Aswan Res.	12-8	102.89	—	102.89	—
Aswan D.S.	12-8	89.67	-1.08	89.63	-0.92
Roda (Cairo)	12-8	16.42	-0.46	16.38	-0.35

Isobars, Wind and Temperature at 8 h. 12-8-1939



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

At 8 h. on 12th الساعة ٨ يوم ١٢

STATION محطة	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 °C	Min Today °C	Diff from norm °C	% Humidity	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	10	1	0	0	—	4.7	-2.9	29	—	—	—	—	—	0	610	464
Haifa	01	—	18	2	—	3	—	7.2	+0.9	30.2	33	+2	26	+4	66	0	557	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
" [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

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

1417 F.C.

CAIRO
Time of Sunrise 05 h 21 m
Sunset 18 h 39 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

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

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. PPP	14h Temp TTT	14h Humidity 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	Max Yesterday	Diff. from norm.	Min Today	Diff. from norm.	Humidity UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
SALUM	01	7	30	6	0	2	Cu	10.7	31.0	44	00	6	28	5	0	0	—	10.8	-0.1	24.8	32	—	20	—	80	0	182	—	130
MATRUH	01	7	26	5	1	4	Cu	10.0	27.8	78	02	7	26	4	2	5	Cu	9.6	-0.6	26.9	28	0	21	0	77	0	122	160	131
DIKHEILA	01	8	28	4	1	4	Sc	9.9	27.8	88	02	8	28	3	1	4	Sc	9.8	—	26.0	28	—	26	—	84	0	94	—	150
ALEXANDRIA	02	9	28	4	2	4	AC	9.1	29.1	73	02	9	28	2	2	4	AC	9.1	-1.1	26.7	30	-1	25	+2	65	0	166	185	132
DAMIETTA											01	8	20	2	0	1	AC	7.5	—	27.2	31	—	21	—	68	0	70	107	159
PORT SAID	00	8	28	4	0	0	—	7.9	32.2	70	00	8	20	4	0	0	—	8.4	+0.1	27.2	34	+3	25	+1	79	0	64	81	134
EL ARISH	00	7	28	3	0	0	—	7.1	31.2	79	00	7	22	2	0	0	—	8.3	—	28.0	32	—	23	—	81	0	130	93	135
DAMANHUR											02	6	24	3	2	4	Cu	8.8	-0.6	27.8	33	0	22	+2	66	0	29	103	136
MANSURA											00	8	20	1	0	0	—	8.7	—	26.9	36	+1	20	-1	67	0	46	55	137
TANTA	00	7	30	2	0	0	—	8.0	34.0	51	00	7	00	0	0	0	—	9.1	-1.0	26.5	35	-1	19	-2	73	0	41	43	138
ZAGAZIG	00	8	22	1	1	0	—	7.9	36.4	45	00	8	26	1	0	0	—	9.6	—	26.9	36	+1	19	0	73	0	31	29	139
ALMAZA	00	8	26	2	0	0	—	8.2	35.6	49	05	6	00	0	0	3	Sc	9.8	—	26.0	37	—	22	—	76	0	18	—	141
EZBEKIYA	00	8	30	2	0	0	—	7.4	36.2	37	01	6	28	1	1	3	Cu	9.3	-0.5	26.7	38	+3	23	+1	72	0	23	28	
GIZA	00	7	30	2	0	0	—	6.4	36.3	33	02	6	00	0	1	4	Cu	9.3	-0.6	24.6	37	+2	20	0	85	0	23	28	
HELWAN	05	6	28	3	0	0	—	7.4	35.1	28	05	6	30	1	0	1	Cu	9.3	-0.3	25.0	37	+2	21	0	69	0	26	29	142
SUEZ	00	9	32	4	0	0	—	6.3	36.3	37	01	7	32	2	1	3	Cu	9.0	+0.1	26.6	39	+3	23	0	72	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	7.5	37.0	27	02	8	32	2	0	4	Cu	10.4	+0.7	25.7	38	+2	21	0	75	0	7	8	153
MINYA	00	8	28	3	0	0	—	7.2	37.5	31	00	7	32	3	0	0	—	8.7	-0.3	26.0	38	+2	22	+1	78	0	4	—	154
ASYUT	00	7	30	4	0	0	—	5.8	37.2	18	00	7	22	3	0	0	—	8.3	-0.4	29.1	39	+3	23	0	51	0	2	4	155
QENA	00	8	30	3	0	0	—	4.2	41.4	20	06	8	26	1	0	0	—	6.4	-0.6	32.0	42	+2	27	+3	43	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	4.3	40.8	—	00	8	14	2	0	0	—	6.8	—	34.5	42	—	24	—	39	0	dr	—	157
ASWAN	00	7	30	3	0	0	—	2.3	41.7	32	00	7	02	3	0	0	—	6.3	-1.2	32.2	43	+2	29	+3	42	0	1	—	158
SIWA	00	8	30	1	0	0	—	13.4	38.0	42	00	8	28	1	0	0	—	13.1	+2.2	25.1	39	+1	20	-1	84	0	7	8	[illegible]
BAHARIYA	00	9	00	0	0	0	—	7.9	38.0	33	00	9	00	0	0	0	—	9.5	—	26.0	39	—	21	—	76	0	1		149
KHARGA	00	8	04	4	0	0	—	6.6	42.2	21	00	8	32	2	0	0	—	7.5	-0.8	31.3	42	+2	27	+5	36	0	dr	tr	151
DAKHLA	06	7	30	5	0	0	—	8.2	38.8	14	00	8	28	2	0	0	—	10.0	+0.6	29.6	40	+1	24	+1	34	0	dr	—	152
TOR	00	6	23	7	0	0	—	2.4	33.8	55	00	6	28	5	0	0	—	6.4	+0.1	29.5	37	+3	28	+4	78	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	3.8	35.6	46	00	9	28	3	0	0	—	6.4	-0.2	32.4	37	+2	26	+1	50	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	5.0	32.0	66	00	7	32	4	0	0	—	5.6	-0.7	33.3	36	+2	28	+1	39	0	tr	6	147
PORT SUDAN	02	—	12	3	2	5	—	2	40	35	00	—	12	2	0	0	—	4.6	-1.1	36.5	40	-1	30	+2	41	0	81	120	160
WADI HALFA	06	8	28	5	2	5	—	4.8	42	22	00	8	28	1	0	0	—	7.2	-1.1	29.0	43	+3	22	-1	29	—	—		165
KAREIMA	01	7	26	2	1	3	Cu	5.4	41	13	05	7	02	4	0	0	—	7.1	-1.2	34.4	43	+2	22	-5	22	0	13	20	166
ATBARA											00	—	20	3	0	0	—	7.6	-0.6	31.0	42	+2	21	-4	45	0	52	50	167
KHARTUM	02	7	20	4	1	5	Cu	6.4	36	37	02	8	20	3	1	5	Cs	8.0	-1.3	28.9	37	0	26	+2	58	0	59	92	168
KASSALA	03	8	24	3	1	6	Sc	6.8	—	43	02	8	18	3	1	5	Ci	9.5	-2.2	25.4	32	-1	23	+1	68	dr	214	202	170
WAD MEDANI	02	—	22	6	0	5	—	8	—	35	00	—	20	5	0	0	—	9.9	-0.9	26.0	32	-3	23	+1	76	0	384	241	171
DUEIM	—	—	26	2	2	—	—	10	31	65	00	—	—	3	0	0	—	9.9	-1.1	25.4	32	-3	22	0	70	0	289	187	173
RENK											02	7	18	1	1	5	Sc	11.4	—	25	26	—	21	—	76	14	—	—	182
ROSEIRES	30	—	24	3	—	9	—	11	25	55	00	—	14	1	0	0	—	11.6	-0.3	23.8	29	-3	19	-2	79	2	432	496	172
EL OBEID	20	—	18	1	8	8	Cu,Ac	9.2	30	57	03	8	16	2	1	6	Ac,As	10.4	-1.6	24.0	30	-3	22	+1	75	dr	246	201	174
EL FASHER	—	—	28	2	1	—	—	—	32	45	01	8	32	4	1	4	Ac,Ci	—	—	23.0	33	0	21	+1	75	1	283	201	175
GENEINA	02	8	24	2	1	5	Cb,Ac	—	29	52	03	8	20	4	1	6	Ac,As	—	—	20.9	33	—	18	—	82	15	324	—	179
KADUGLI	01	7	20	4	1	4	Ac	8.6	30	65																		—	187
MALAKAL	03	8	01	2	2	6	Cu,Ac	9.4	29	65	03	8	22	3	1	7	As,Cu	10.8	-1.9	24.3	30	-1	22	+1	88	0	557	618	176
WAU											02	—	16	1	1	4	—	10.8	-0.7	24.5	30	-1	20	0	86	0	736	828	177
JUBA	12	8	26	3	9	7	—	11.8	24	83	03	8	30	2	1	7	Ac,As	12.7	-0.1	22.4	29	-2	20	0	91	2	815	726	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 13th

SALUM 6 h	MATRUH 7 h	DIKHEILA	CAIRO	HELWAN 8 h 30	ASYUT 8 h	ASWAN 7 h	WADI HALFA 3 h	KAREIMA 5 h	KHARTUM 4 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	P.SAID A.P. 7 h	SALUM 12th 13 h
02.34.25	02.31.25			02.34.15	02.29.35	02.01.15	03.02.10	06.02.50	06.19.55	06.19.30	07.21.30	06.17.15	02.27.15	02.34.40
05.35.25	05.37.25			05.01.15	05.34.10	05.36.45	06.36.40	10.01.40	10.20.80	10.20.30	10.23.45	10.21.20	05.31.20	05.—.—
10.06.05	09.32.20			08.01.20	10.35.40	10.01.85	10.01.30	11.02.40	15.21.40	15.23.20	15.26.30	15.21.15	10.33.30	10.31.15
15.03.20	cut Sc			10.01.25	15.33.30	15.02.85	15.35.50		20.24.85	20.26.35	20.33.20	20.06.20	15.33.05	15.29.35
20.02.15				15.01.15	20.33.40		20.36.40		25.26.85	30.36.30	25.01.20	30.06.50	20.26.20	20.29.45
21.33.20							23.35.45		30.28.75	33.01.30		40.05.55	25.29.30	25.29.35
25.31.30									37.32.85			50.03.35	30.26.10	28.30.40
30.31.35												60.04.25	35.24.05	
35.31.45												63.03.25	40.28.10	
40.30.40													45.29.15	

Forecast for 24 hours from noon on

تقديرات الطقس المنتظر في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity on 12th	Diff. from normal	Wet bulb temp. °C on 12th	Diff. from normal
Alexandria	80	+9	24.5	+2.0
Ezbekiya	63	+1	24.1	+1.1
Giza	69	+5	23.4	+1.1
Helwan	61	+10	22.2	+1.9

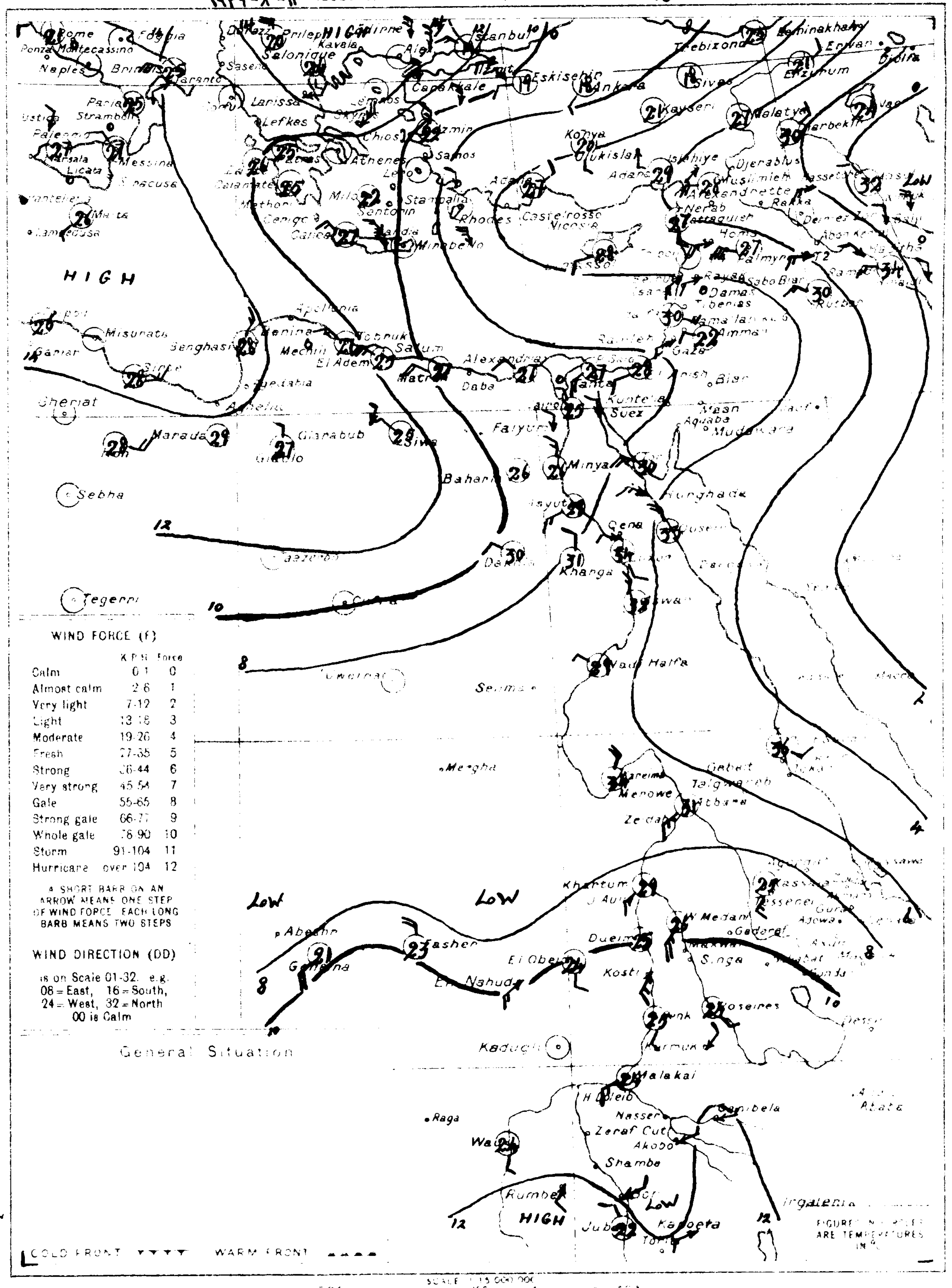
Giza Grass minimum 13th 14.7 °C

Discharges at Aswan measured by ... m³ per sec

DATE	1939	1938
13-8	4176	8152
12-8	4226	7961

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	12-8	13.39	-0.35	13.35	-0.38
Nasser	12-8	9.72	+0.01	9.71	+0.02
Malakal	13-8	11.87	+0.13	11.96	+0.24
Roseires	12-8	18.23	-0.87	18.30	-0.77
Sennar Res	10-8	17.20	—	17.19	—
J Aulia U.S	12-8	376.48	—	376.43	—
J Aulia D.S	12-8	373.77	-1.05	373.67	-1.11
Khartum	12-8	14.30	-0.85	14.16	-0.96
Khashm el Girba	11-8	13.40	-0.70	13.30	-0.73
Atbara	12-8	13.41	-1.11	13.40	-1.03
Kajnarti	13-8	138.60	-1.46	138.31	-1.54
Aswan Res.	13-8	102.86	—	102.89	—
Aswan D.S	13-8	89.66	-1.22	89.67	-1.08
Roda (Cairo)	13-8	16.45	-0.57	16.42	-0.46

١٩٣٩-٨-١٣ Isobars, Wind and Temperature at 8 h. 13-8-1939



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

At 8 h. on 13th الساعة ٨ يوم ١٣

STATION	ww	V	DD	F	W	N	C	PPP	Diff.	Dry Bulb	Max Yesterday	Diff.	Min Today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	22	2	1	3	—	5.3	-2.5	28	—	—	—	—	—	0	610	464
Haifa	01	—	10	3	—	3	—	7.9	+1.5	29.9	33	+2	26	+4	52	0	559	641

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

VISIBILITY (V)
200
500
1 Kilometre
2
4
10
20
50

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

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

CAIRO
Time of Sunrise 5h 22m
" " Sunset 18h 37m

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٩-٨-١٤

At 14 h. on 13th (الساعة ١٤ يوم ١٣) — At 8 h. on MONDAY 14th (الساعة ٨ يوم الاثنين 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	8h PPP	Diff. from normal	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	01	7	02	7	1	3	Cu	11.1	26.9	80	01	6	02	5	0	2	Cu	13.4	+2.5	24.9	28	—	20	—	73	0	182	—	130
MATRUH	00	7	30	4	0	0	—	10.3	28.2	57	02	7	30	4	2	5	Cu	12.2	+2.0	26.4	29	+1	21	0	69	0	122	160	131
DIKHEILA	01	8	30	5	1	2	Sc	10.4	27.1	66	01	8	28	5	1	4	Sc	12.3	—	26.1	28	—	25	—	83	0	94	—	150
ALEXANDRIA	00	9	28	4	0	0	—	10.2	29.2	62	02	9	30	4	2	4	Ac	11.6	+1.3	26.0	30	-1	24	+1	65	0	166	185	132
DAMIETTA											01	8	16	2	0	2	Cu	9.1	—	26.2	29	—	21	—	74	0	70	107	159
PORT SAID	00	8	28	5	0	0	—	8.7	31.4	64	00	8	20	3	0	0	—	11.4	+3.0	26.0	33	+2	24	0	79	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	8.7	29.9	72	00	7	22	1	0	0	—	9.6	—	27.5	31	—	23	—	80	0	130	93	135
Lower Egypt																													
DAMANHUR											02	6	24	4	2	4	Cu	11.2	+1.7	27.4	32	-1	21	+1	62	0	29	103	136
MANSURA											00	8	04	1	0	0	—	11.8	—	26.0	33	-2	20	-1	67	0	46	55	137
TANTA	02	7	28	5	1	5	Cu	9.1	32.0	46	02	7	28	2	1	5	Cu	11.5	+1.3	26.0	33	-3	19	-2	69	0	41	43	138
ZAGAZIG	01	8	30	1	1	3	—	9.4	32.9	43	01	8	26	1	1	1	—	12.2	—	27.9	33	-2	19	0	63	0	31	29	139
Middle Egypt																													
CAIRO ALMAZA	01	8	26	3	0	4	Sc	9.6	32.9	41	01	8	32	2	1	3	Cu	12.3	—	29.0	33	—	22	—	69	0	18	—	141
CAIRO EZBEKIYA	01	8	30	2	0	3	Cu	8.6	33.1	33	01	7	32	2	1	3	Cu	11.8	+2.0	27.4	34	-1	22	0	66	0	23	28	
CAIRO GIZA	01	8	30	2	0	3	Cu	9.4	32.3	27	01	6	00	0	2	3	Cu	11.9	+2.0	23.0	34	-1	18	-2	86	0	23	28	
HELWAN	01	8	28	4	0	1	Cu	8.7	31.8	31	01	7	32	2	0	2	Cu	11.9	+2.2	25.4	33	-2	21	0	61	0	26	29	143
SUEZ	00	9	30	3	0	0	—	8.3	33.0	40	01	8	02	2	1	4	Cu	11.5	+2.5	26.1	35	-1	22	-1	61	0	27	18	144
Upper Egypt																													
FAIYUM	00	8	32	3	0	0	—	8.8	33.0	34	00	8	32	3	0	0	—	11.2	+1.4	26.0	35	-1	22	+1	66	0	7	8	153
MINYA	00	6	02	4	0	0	—	7.8	34.8	37	00	8	32	3	0	0	—	11.1	+2.1	26.5	35	-1	23	+2	63	0	4	—	154
ASYUT	00	8	28	4	0	0	—	7.6	35.2	24	00	6	22	3	0	0	—	10.2	+1.4	27.8	36	0	23	0	52	0	2	4	155
QENA	00	8	22	4	0	0	—	5.1	40.2	23	00	8	26	1	0	0	—	8.3	+1.3	29.4	41	+1	24	0	44	0	dr	—	156
LUXOR	00	8	26	3	0	0	—	5.5	39.2	26	00	8	32	1	0	0	—	9.0	—	32.2	40	—	21	—	37	0	dr	—	157
ASWAN	00	7	30	3	0	0	—	4.0	40.2	34	00	7	30	3	0	0	—	8.4	+0.9	30.4	42	+1	26	0	47	0	1	—	158
Western Desert																													
SIWA	00	8	28	1	0	0	—	12.7	34.1	57																	7	8	148
BAHARIYA	00	9	32	1	0	0	—	8.3	34.5	44	00	9	00	0	0	0	—	12.4	—	25.0	35	—	21	—	76	0	1	—	149
KHARGA	00	8	04	2	0	0	—	5.4	40.8	24	00	8	32	2	0	0	—	10.0	+1.7	29.5	41	+1	24	+2	43	0	dr	tr	151
DAKHLA	00	7	02	4	0	0	—	9.4	36.0	18	00	6	02	4	0	0	—	11.9	+2.4	29.2	39	0	24	+1	40	0	dr	—	152
Red Sea																													
TOR	00	6	00	0	0	0	—	5.8	33.0	56	00	6	28	6	0	0	—	7.4	+1.1	28.3	35	+1	27	+3	82	0	20	13	145
HURGHADA	00	9	32	4	0	0	—	5.3	35.2	41	00	9	30	4	0	0	—	7.8	+1.2	30.0	36	+1	25	0	59	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	5.3	32.0	60	00	7	32	3	0	0	—	7.6	+1.3	30.8	35	+1	26	-1	51	0	tr	6	147
PORT SUDAN	01	—	04	2	0	3	—	3	42	35	00	—	32	2	0	0	—	7.4	+1.7	35.2	42	0	27	-1	51	0	81	120	169
North Sudan																													
WADI HALFA	01	8	02	2	4	2	Cu	—	—	40	01	8	32	3	0	1	Ci	8.4	+0.1	30.1	42	+2	24	+1	30	—	—	—	165
KAREIMA	00	8	30	4	0	0	—	4.9	—	35	05	7	30	4	0	2	Ci	7.6	-0.7	33.2	42	+1	26	-1	12	0	13	21	166
ATBARA	01	—	22	4	0	3	—	4	41	25	00	—	16	2	0	0	—	6.7	-1.5	33.8	41	+1	26	+1	22	0	52	52	167
KHARTUM	01	9	22	4	—	—	Cu	—	—	40	01	8	20	3	1	4	AsCs	7.6	-1.7	30.5	39	+2	27	+3	53	0	59	94	168
KASSALA	01	8	22	3	0	4	Cu	6.2	33	39	01	8	16	3	0	3	Ac	8.4	-3.3	28.0	34	+1	25	+3	63	0	214	206	170
Central Sudan																													
WAD MEDANI	02	—	24	2	9	5	—	6	34	35	00	—	18	4	0	0	—	9.0	-1.8	28.5	35	0	23	+2	67	0	384	246	171
DUEIM	03	—	16	2	0	7	—	7	35	45	00	—	—	3	0	0	—	9.0	-2.0	28.6	36	+2	24	+2	65	0	289	191	173
RENK	02	7	20	2	1	5	Cu	8.2	31	53	03	8	18	3	2	6	Sc	11.2	—	24	32	—	24	—	83	0	—	—	182
ROSEIRES	01	—	14	1	0	3	—	8	32	75	02	—	14	1	0	4	—	11.0	-0.9	24.5	35	+3	23	+2	81	0	432	503	172
EL OBEID	02	8	22	2	—	5	Ac	6.4	31	52	01	8	20	4	1	4	Ac	9.3	-2.7	26.0	33	0	23	+2	76	0	246	205	174
EL FASHER	01	—	04	3	1	3	—	—	33	35	05	7	02	1	1	5	Cs	—	—	25.2	34	+1	21	+1	69	0	283	206	175
GENEINA	02	8	08	2	1	5	—	—	28	63	01	8	20	1	1	4	Ac	—	—	21.2	31		19		91	0	324	—	179
KADUGLI											01	6	20	5	1	4	Ac	11.0	—	23	33	—	21	—	91	3	—	—	187
S. Sudan																													
MALAKAL	11	8	24	3	1	6	Cu,Ac	7.2	30	61	01	8	16	3	1	4	As,Ci	11.4	-1.3	23.1	31	0	22	+1	90	tr	557	624	176
WAU											03	—	12	2	6	7	—	12.0	+0.5	21.0	31	0	20	0	94	68	804	835	177
JUBA	01	8	00	0	1	4	Cu	8.3	31	53	01	8	00	0	1	4	Cu,Ci	12.5	-0.3	24.3	32	+1	21	+1	83	0	815	729	178

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

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

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 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	P.SUDAN 7 h.	SALUM 13 h.
02.36.30	02.32.20	02.31.40	03.35.25	02.36.10	02.34.20	02.36.15	03.—.—	06.01.35	06.20.35	06.19.30	07.24.30	06.22.10	02.27.25	02.02.45
05.36.40	05.33.20	05.31.40	05.35.25	05.35.15	05.01.35	05.35.35	06.03.60	10.35.40	10.22.80	10.21.25	10.24.35	10.17.20	05.29.15	05.28.15
10.34.30	07.33.25	10.30.30	TAIL	08.35.10	10.34.55	10.01.25	10.02.40	15.01.35	15.24.60	15.22.15	15.21.15	15.14.25	10.29.15	10.30.25
15.34.35	ENTERED	15.31.35		10.34.15	15.33.50	15.31.15	15.35.25		20.28.20	20.33.10	20.21.20	20.13.20	15.26.25	15.29.25
20.33.30	Cu.	20.31.35		15.31.05	20.33.40		20.35.15		25.36.25	30.03.30	30.10.60	30.06.30	20.22.10	20.30.40
25.32.30		22.32.30		20.20.05			30.15.20		30.04.15	31.04.25		40.03.65	24.19.25	
30.31.40				23.25.05			40.19.30		33.01.35			50.03.30		
35.31.35				25.22.15			43.19.30					60.08.20		
40.31.30				30.23.20								69.08.30		
				35.22.10										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 13th	Diff. from normal	Wet bulb temp °C on 13th	Diff. from normal
Alexandria	63	-8	22.2	-0.3
Ezbekiya	59	-3	22.2	-0.8
Giza	67	+3	21.3	-1.1
Helwan	54	+3	20.6	+0.3

Giza Grass minimum on 14th 13.9°C

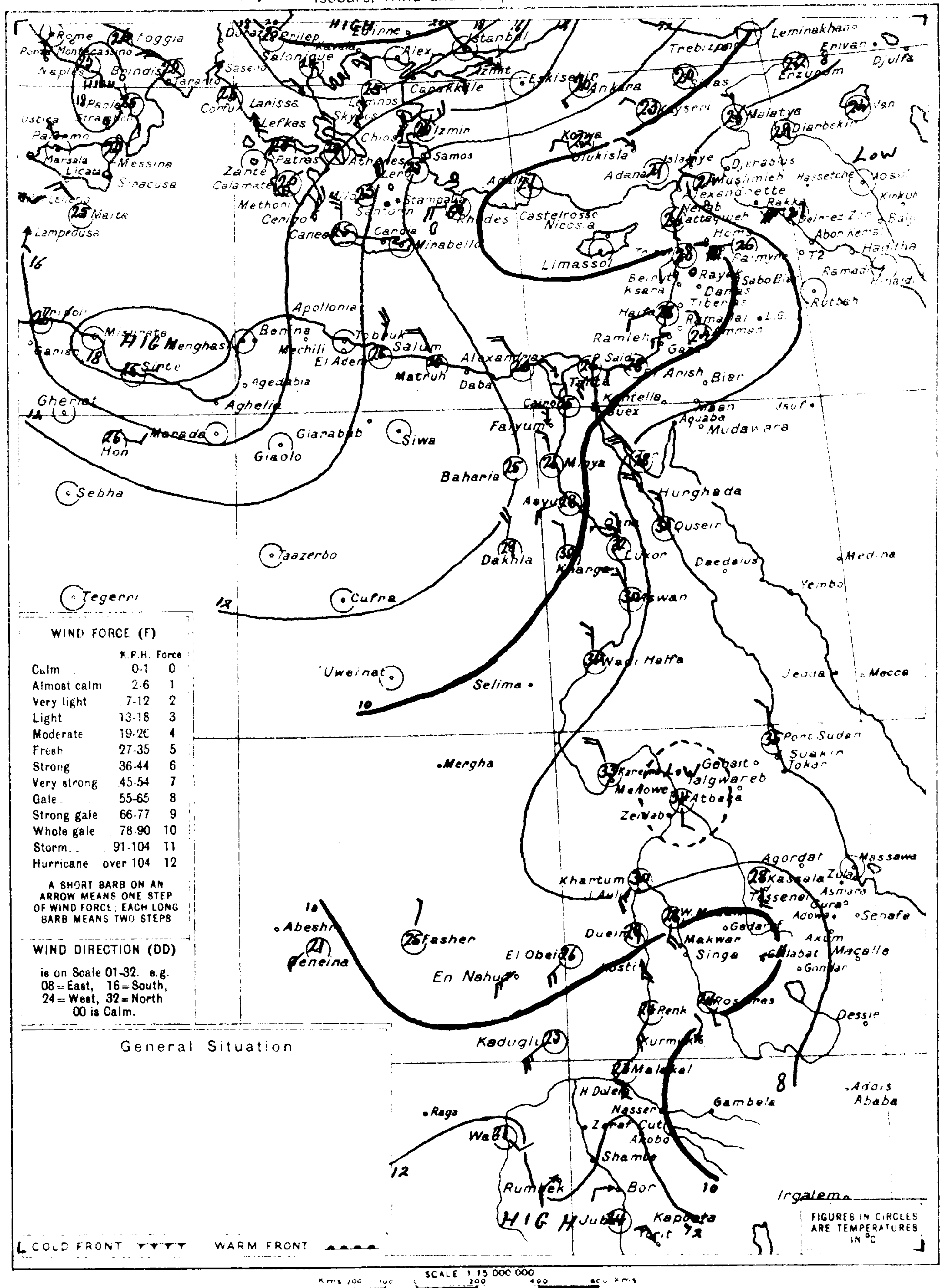
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
14-8	4421	8715
13-8	4176	8152

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	14-8	13.38	-0.36	13.38	-0.36
Nasser	13-8	9.73	-0.01	9.72	+0.01
Malakal	14-8	11.87	+0.11	11.87	+0.13
Roseires	14-8	18.18	-1.00	18.80	-0.36
Sennar Res	12-8	17.21	—	17.22	—
J. Aulia U.S	14-8	376.47	—	376.46	—
J. Aulia D.S	14-8	374.04	-0.86	373.92	-0.93
Khartum	14-8	14.48	-0.76	14.42	-0.77
Kh. el Girba	13-8	13.60	-0.67	13.50	-0.63
Atbara	14-8	13.56	-1.08	13.54	-1.04
Kajnarti	13-8	138.60	-1.46	138.37	-1.54
Aswan Res.	14-8	102.86	—	102.86	—
Aswan D.S.	14-8	89.81	-1.19	89.66	-1.22
Roda (Cairo)	14-8	16.45	-0.67	16.45	-0.57

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

Isobars, Wind and Temperature at 8 h. 14-8-39



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

At 8 h. on 14th (الساعة ٨ يوم ١٤)

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	Humidity UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	18	1	0	1	—	9.3	+17	27	—	—	—	—	—	0	610	464
Haifa	01	—	22	2	—	3	—	10.8	+4.4	28.0	33	+2	24	+2	71	0	559	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
[illegible]	07
[illegible]	08
[illegible]	09
[illegible]	10
[illegible]	11
[illegible]	12
[illegible]	14
Slight Duststorm	18
[illegible]	20-29
[illegible]	
Heavy Thunderstorm	
[illegible]	30-39
Fog [illegible]	40-49
[illegible]	
Thick	
Fog [illegible]	
Drizzle	50-59
Rain	60-69
Rain [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
" [illegible]	
" with [illegible]	
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 36 m

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

DAILY WEATHER REPORT

Month AUGUST 1939 — ١٩٣٩ شهر أغسطس

At 14 h. on 14th (الساعة ١٤ يوم ١٤) — At 8 h. on TUESDAY 15th (الساعة ٨ يوم ١٥ الثلاثاء)

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)	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	02	6	1	2	Cu	13.1	26.3	69	01	7	30	4	1	3	Cu	13.0	+2.0	24.7	27	—	20	—	75	0	182	—	130
MATRUH	01	7	30	3	1	3	Cu	12.3	28.0	68	02	7	02	3	2	5	Cu	11.6	+1.3	27.1	29	+1	25	+4	75	0	122	160	131
DIKHEILA	01	8	28	4	1	4	Cu	12.4	26.4	85	01	8	30	2	1	4	Cu	11.6	—	26.0	27	—	25	—	82	0	94	—	150
ALEXANDRIA	02	9	28	4	2	4	Ac	11.8	28.7	60	02	9	28	2	2	4	Ac	10.6	+0.2	26.0	30	-1	24	+1	72	0	166	185	132
DAMIETTA											01	8	24	2	0	2	Cu	9.9	—	27.1	29	—	21	—	72	0	70	107	159
PORT SAID	00	8	04	3	0	0	—	10.6	30.8	65	01	7	20	3	1	4	Cu	10.0	+1.6	26.5	32	+1	25	+1	77	0	64	81	134
EL ARISH	01	7	30	3	1	2	Cu	10.8	29.0	72	01	7	22	1	1	3	Cu	10.0	—	28.8	31	—	21	—	73	0	130	93	135
LOWER EGYPT																													
DAMANHUR											01	7	24	3	2	3	Cu	10.3	+0.7	27.7	31	-2	21	+1	70	0	29	103	136
MANSURA											01	8	24	1	1	3	Sc	9.9	—	26.7	33	-2	21	0	69	0	46	55	137
TANTA	02	7	28	4	1	4	Cu	10.4	32.0	43	02	7	00	0	1	4	Cu	11.0	+0.7	26.5	33	-3	19	-2	77	0	41	43	138
ZAGAZIG	01	8	30	1	1	3	—	10.4	32.3	47	02	8	28	1	1	4	—	11.1	—	27.9	33	-2	20	+1	72	0	31	29	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	8	28	3	1	3	Sc	11.0	31.0	38	05	7	30	1	1	4	Cu	11.6	—	25.0	32	—	22	—	74	0	18	—	141
EZBEKIYA	01	7	32	2	1	3	Cu	10.2	32.8	43	02	7	02	1	1	5	Cu	10.8	+0.9	26.2	34	-1	23	+2	77	0	23	28	—
GIZA	01	7	32	2	1	3	Cu	10.2	32.1	44	02	7	00	0	2	5	Cu	10.7	+0.7	24.0	33	-2	21	+1	85	0	23	28	—
HELWAN	01	8	30	2	0	3	Cu	10.3	31.0	37	05	6	32	2	2	4	Cu	10.7	+0.9	24.3	32	-3	21	0	73	0	26	29	143
SUEZ	00	9	02	2	0	0	—	9.5	31.1	40	01	7	32	2	1	4	Cu	10.2	+1.1	26.4	33	-3	23	0	69	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	8	30	3	0	0	—	9.6	31.8	38	01	8	32	2	0	3	Cu	10.7	+0.8	25.5	34	-2	21	0	72	0	7	8	153
MINYA	00	6	04	4	0	0	—	—	32.5	36	01	6	30	3	1	3	Cu	10.7	+1.6	25.0	34	-2	21	0	76	0	4	—	154
ASYUT	00	8	30	3	0	0	—	8.8	34.0	31	00	7	26	3	0	0	—	9.8	+0.9	26.0	35	-1	21	-2	66	0	2	4	155
QENA	00	8	26	2	0	0	—	6.7	38.8	24	00	8	26	2	0	0	—	9.1	+2.0	29.5	40	0	25	+1	49	0	dr	—	156
LUXOR	00	8	32	2	0	0	—	6.7	38.2	25	00	8	14	1	0	0	—	8.2	—	31.9	39	—	21	—	43	0	dr	—	157
ASWAN	00	7	26	2	0	0	—	5.5	39.0	41	00	7	30	3	0	0	—	7.9	+0.4	30.0	40	-1	25	-1	37	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	28	1	0	0	—	13.5	35.1	51	00	8	28	1	0	0	—	13.6	+2.6	25.3	39	+1	19	-1	81	0	7	8	14[illegible]
BAHARIYA	00	9	24	1	0	0	—	9.8	33.0	25	00	9	00	0	0	0	—	11.4	—	24.0	34	—	20	—	75	0	1	—	149
KHARGA	00	8	04	3	0	0	—	8.3	38.9	25																	dr	tr	151
DAKHLA	00	7	02	2	0	0	—	10.4	34.6	22	00	8	00	0	0	0	—	11.2	+1.7	28.0	36	-3	23	0	39	0	dr	—	152
RED SEA																													
TOR	00	6	28	6	0	0	—	6.0	31.5	56	00	6	28	4	0	0	—	7.0	+0.6	29.5	32	-2	26	+2	61	0	20	13	145
HURGHADA	00	9	32	4	0	0	—	6.4	33.8	53	00	9	30	4	0	0	—	7.4	+0.8	29.2	34	-1	25	0	54	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	7.0	32.1	55	00	7	32	3	0	0	—	7.5	+1.1	30.8	34	0	27	0	49	0	tr	6	147
PORT SUDAN											00	—	08	2	0	0	—	5.8	0.0	33.8	40	0	29	+1	63	0	81	120	169
NORTHERN SUDAN																													
WADI HALFA											01	8	02	3	0	1	Ci	8.9	+0.5	28.9	41	+1	25	+2	29	—	—	—	165
KAREIMA											05	7	32	3	0	4	Cs	7.5	-0.8	33.0	42	+1	28	+2	12	0	13	21	166
ATBARA											00	—	18	6	0	0	—	7.5	-0.7	30.8	42	+2	29	+4	47	0	52	53	167
KHARTUM											03	7	18	4	1	6	AcAs	9.1	-0.3	26.5	41	+4	25	+1	56	0	59	96	168
KASSALA											01	8	16	4	1	4	Ns	10.1	-1.6	25.2	36	+3	22	0	76	dr	214	210	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	16	6	6	4	—	10.2	-0.5	24.8	35	0	21	0	83	12	396	251	171
DUEIM											03	—	—	3	6	7	—	10.8	-0.2	24.6	37	+3	22	0	76	2	291	194	173
RENK											02	7	14	2	1	5	Sc	12.6	—	27	31	—	22	—	49	0	—	—	182
ROSEIRES											03	—	14	1	5	7	—	11.8	-0.1	22.4	35	+3	21	0	94	36	468	510	172
EL OBEID											03	8	16	2	1	8	AsCi	10.5	-1.4	23.7	33	0	23	+2	75	0	246	208	174
EL FASHER											02	8	00	0	1	5	AcCs	—	—	23.8	36	+3	22	+2	83	0	283	211	175
GENEINA											01	8	20	1	1	3	Ci	—	—	20.0	33	—	17	—	91	0	324	—	179
KADUGLI											02	7	08	5	2	5	Ac	11.4	—	23	31	—	21	—	91	27	—	—	187
S. SUDAN																													
MALAKAL											03	8	16	3	5	7	AcAs	12.4	-0.3	23.0	29	-2	21	0	87	tr	557	630	176
WAU											03	—	16	2	1	7	—	10.8	-0.7	24.0	30	-2	20	0	87	0	804	842	177
JUBA											01	8	00	0	1	4	Cu	14.0	+1.2	21.6	29	-2	19	-1	82	1	816	732	178

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

UPPER WINDS ON 15th 10

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 3 h	KAREIMA 3 h	KHARTUM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 6 h	P. SAID 7 h	P. SALUM 13 h
02.36.25	02.36.25	02.33.25	02.01.05	02.36.25	02.31.30	02.35.15	02.02.30	06.02.40	06.16.40	06.17.30	07.17.20	06.15.10	02.28.15	02.02.40
05.35.20	05.36.15	05.33.25	05.02.10	05.01.10	05.36.25	05.34.40	06.36.50	10.03.40	10.22.70	10.19.40	10.18.15	10.17.10	05.28.05	05.35.30
10.36.20	07.36.20	10.36.20		08.36.20	10.32.45	10.33.25	10.35.40	15.04.15	15.23.45	15.24.30	15.20.05	15.11.05	10.01.05	10.31.25
15.36.20	ENTERED	15.36.25		10.36.20		15.32.10	15.34.20	20.01.20	20.22.40	20.27.20	20.03.05	20.21.10	13.06.10	15.29.20
20.35.10	Cu.	20.34.20		15.36.10			20.20.25	30.14.20	25.26.15	30.31.15		30.22.15	14.03.10	18.29.35
22.01.15		24.34.15		20.30.15				40.12.25	30.33.15			40.21.10	15.28.05	
23.06.15				23.23.15					40.07.30			45.21.20	17.23.10	
25.06.15				25.22.15					50.08.65				20.19.30	
28.35.15				30.22.15					57.09.40				25.19.30	
30.33.20				34.20.20									30.20.25	

Forecast for 24 hours from noon on

STATION	Mean day Humidity 14th	Diff. from normal	Wet Bulb Temp. °C 14th	Diff. from normal
Alexandria	68	-3	22.4	-0.1
Ezbekiya	57	-5	22.8	-0.2
Giza	71	+7	22.1	-0.3
Helwan	50	-1	20.5	+0.2
Giza grass minimum	15th		16.0°C	

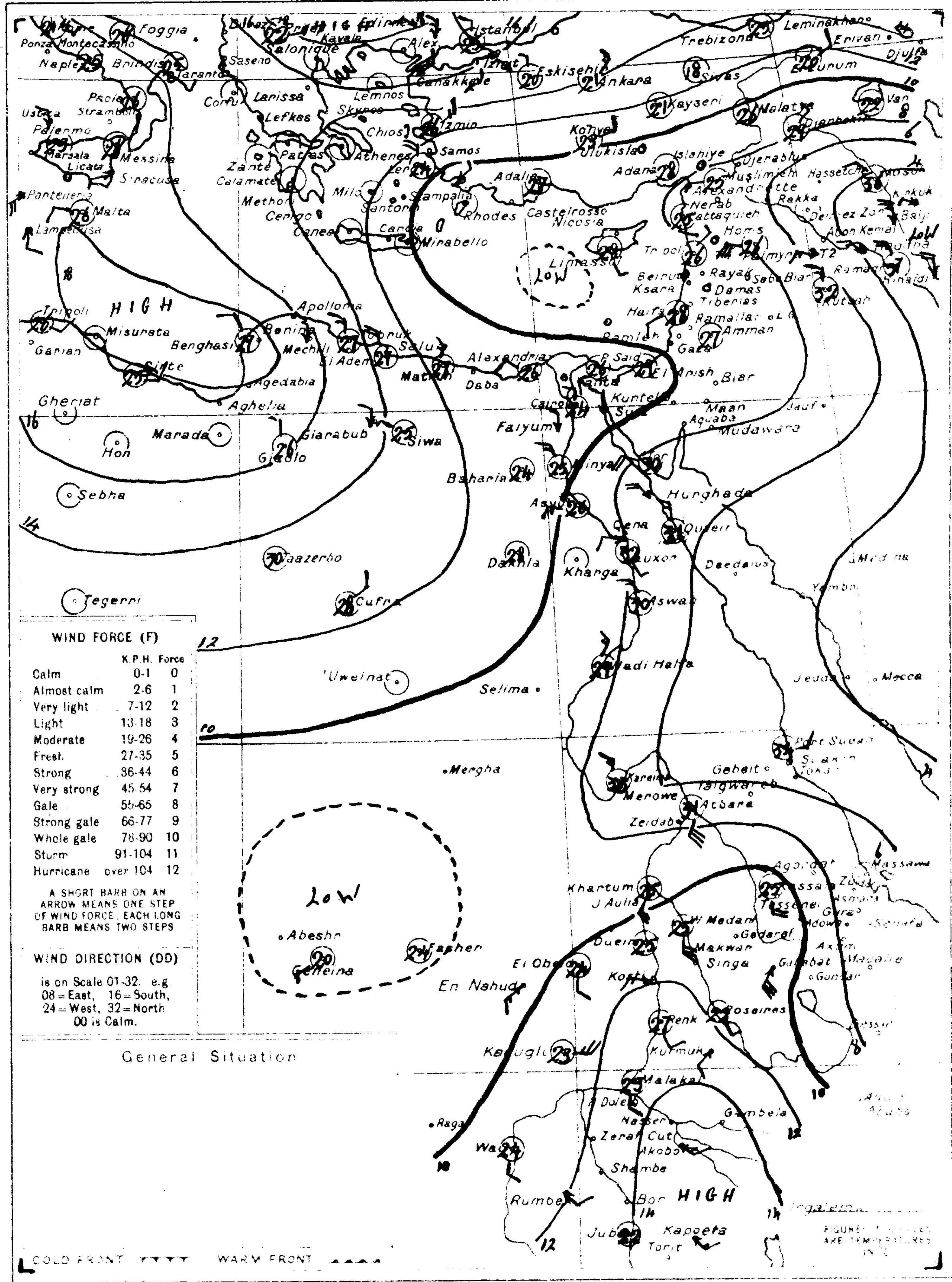
Discharge of Aswan reservoir in millions of cubic metres per day

DATE	1939	1938
15.8	4554	9382
14.8	4421	8715

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	15-8	13.39	-0.35	13.38	-0.36
Nasser	14-8	9.74	-0.02	9.73	-0.01
Malakal	15-8	11.88	+0.11	11.87	+0.11
Roseires	15-8	18.28	-0.92	18.18	-1.00
Sennar [illegible]	13-8	17.20	—	17.21	—
J. Aulia U.S.	14.8	376.47	—	376.46	—
J. Aulia D.S.	14.8	374.04	-0.86	373.92	-0.93
Khartum	14.8	14.48	-0.76	14.42	-0.77
Kh. el Girba	14.8	14.10	-0.20	13.60	-0.67
Atbara	15.8	13.62	-1.08	13.56	-1.08
Kajnarty	14.8	138.86	-1.34	138.60	-1.46
Aswan [illegible]	15.8	102.88	—	102.86	—
Aswan D.S.	15.8	89.96	-1.14	89.81	-1.19
Roda (Cairo)	15.8	16.51	-0.73	16.45	-0.67

Printed by the Survey & Mines Dept. [illegible] 554

٢٩-٨-١٠ Isobars, Wind and Temperature at 8 h. 15-8-39



General Situation

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 15th

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.	Min. Today °C	Diff. from norm.	% Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	7	14	1	0	2	—	9.3	+1.7	28	—	—	—	—	—	0	610	464
Haifa	02	—	22	2	—	4	—	9.6	+3.1	28.4	31	0	21	+4	58	0	559	647
Siwa	00	8	00	0	0	0	—	14.3	+3.4	27.0	39	+1	19	-1	63	0	7	8

HOURS ARE EGYPTIAN STANDARD TIME (E.S.T.) 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
Thunderstorm	90-99

PAST WEATHER (W)

Clear	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Rain	6
Snow	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres 0

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 05 h 23 m
,, ,, Sunset 18 h 35 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

1417 F.C.

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

Region	STATION	14h 15th Present Weather (ww)	Visibility (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 16th Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	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	04	6	1	3	Cu	12.2	26.2	71	01	7	28	5	0	2	Cu	10.4	-0.6	24.5	27	—	19	—	76	0	182	—	130
	MATRUH	01	7	30	4	1	2	Cu	11.2	28.4	76	02	7	26	3	2	5	Cu	9.3	-1.1	26.3	28	0	21	0	85	0	122	160	131
	DIKHEILA	01	8	30	3	1	4	Cu	11.2	26.8	83	02	8	26	4	1	4	Cu	9.1	—	26.2	28	—	25	—	86	0	94	—	150
	ALEXANDRIA	02	9	30	3	2	4	Ac	10.4	28.2	65	02	9	28	3	2	5	Ac	8.2	-2.3	25.8	30	-1	25	+2	76	0	166	185	132
	DAMIETTA											01	8	20	2	0	2	Cu	7.5	—	26.2	31	—	21	—	77	0	70	107	159
	PORT SAID	00	7	30	3	1	0	—	8.8	31.4	44	01	8	28	3	1	3	Cu	8.0	-0.5	25.8	33	+2	24	0	72	0	64	81	134
	EL ARISH	00	7	30	3	0	0	—	9.3	29.2	71	00	7	00	0	0	0	—	7.8	—	27.8	30	—	22	—	81	0	130	93	135
LOWER EGYPT	DAMANHUR											01	7	04	3	2	3	Cu	7.9	-1.8	27.2	32	-1	21	+1	69	0	29	103	136
	MANSURA											00	8	20	2	0	0	—	8.2	—	25.8	34	-1	20	-1	77	0	46	55	137
	TANTA	02	7	28	2	1	4	Cu	9.3	32.0	49	02	7	28	3	1	4	Cu	8.3	-2.1	26.5	33	-3	20	-1	77	0	41	43	138
	ZAGAZIG	00	8	28	1	0	0	—	9.4	32.4	49	01	8	22	1	1	4	—	8.6	—	28.3	33	-2	19	0	71	0	31	29	139
MIDDLE EGYPT — CAIRO	ALMAZA	00	8	28	4	0	0	—	9.6	31.7	40	05	6	22	1	1	4	Cu	9.5	—	25.5	32	—	21	—	74	0	18	—	141
	EZBEKIYA	01	7	30	3	0	2	Cu	8.8	32.2	43	02	6	24	1	1	4	Cu	8.6	-1.3	25.4	34	-1	22	+1	78	0	23	28	—
	GIZA	01	7	30	3	0	2	Cu	9.1	32.3	48	02	6	00	0	2	4	Cu	8.7	-1.4	24.4	33	-2	18	-1	83	0	23	28	—
	HELWAN	01	8	26	4	1	1	Cu	8.8	30.9	36	09	5	00	0	2	4	Cu	9.0	-0.9	23.9	32	-3	20	-1	83	0	26	29	143
	SUEZ	00	9	02	3	0	0	—	8.0	31.9	43	01	7	28	2	1	3	Cu	8.3	-0.9	26.8	34	-2	23	0	66	0	27	18	144
UPPER EGYPT	FAIYUM	00	8	32	4	0	0	—	9.1	32.0	38	02	7	32	3	0	4	Cu	9.3	-0.7	25.5	35	-1	21	0	74	0	7	8	153
	MINYA	00	7	28	4	1	0	—	9.5	32.5	40	00	7	02	3	0	0	—	9.0	-0.2	26.0	33	-3	22	+1	68	0	4	—	154
	ASYUT	00	8	22	3	0	0	—	7.9	33.8	28	00	7	26	2	0	0	—	8.4	-0.5	27.1	34	-2	21	-2	61	0	2	4	155
	QENA	00	8	22	2	0	0	—	6.2	38.7	24	02	8	26	2	1	4	Cs	6.8	-0.4	29.8	40	0	25	+1	42	0	dr	—	156
	LUXOR	00	8	26	2	0	0	—	5.3	38.2	28	00	8	04	1	0	0	—	7.0	—	31.5	39	—	21	—	40	0	dr	—	157
	ASWAN	00	7	26	1	0	0	—	5.5	39.1	20	02	7	30	4	1	4	Cs	6.3	-1.2	31.0	41	0	26	0	37	0	1		158
WESTERN DESERT	SIWA	00	8	28	1	0	0	—	13.0	32.8	62	00	8	28	1	0	0	—	12.0	+1.0	25.1	34	-3	20	0	83	0	7	8	143
	BAHARIYA	00	9	00	0	0	0	—	8.7	33.0	30	00	9	00	0	0	0	—	9.9	—	25.0	34	—	20	—	76	0	1	—	149
	KHARGA	00	8	32	3	0	0	—	7.8	37.2	28	00	8	00	0	0	0	—	—	—	28.8	37	-3	22	0	35	0	dr	tr	151
	DAKHLA	05	6	30	5	0	0	—	10.0	33.8	20	00	7	28	2	0	0	—	10.7	+1.1	27.5	36	-3	21	-2	41	0	dr	—	152
RED SEA	TOR	00	6	28	4	0	0	—	5.0	32.8	56	00	6	28	4	0	0	—	5.6	-0.8	29.0	34	0	23	-1	69	0	20	13	145
	HURGHADA	00	9	02	3	0	0	—	5.9	33.8	52	00	9	30	5	0	0	—	5.6	-1.1	29.2	35	0	25	0	63	0	1	—	146
	QUSEIR	00	7	02	2	0	0	—	6.7	30.3	66	00	7	32	3	0	0	—	5.9	-0.6	31.4	33	-1	27	0	49	0	tr	6	147
	PORT SUDAN											00	—	04	2	0	0	—	4.7	-1.1	36.2	39	-1	29	+1	38	0	81	120	169
NORTH SUDAN	WADI HALFA											01	8	32	2	1	4	Ac,Cs	7.7	-0.7	28.0	40	0	24	+1	33	—	—	—	165
	KAREIMA											01	8	02	2	1	4	Ac,Cs	7.6	-0.8	31.8	42	+1	27	+1	19	0	13	22	166
	ATBARA											00	—	20	3	0	0	—	7.1	-1.1	32.3	40	0	28	+3	41	0	52	54	167
	KHARTUM											01	8	20	4	1	4	Ac,Cu	7.9	-1.5	29.5	36	-1	27	+2	64	0	59	98	168
	KASSALA											02	8	14	2	1	5	Ac	8.4	-3.3	26.7	33	0	23	+1	56	0	214	214	170
CENTRAL SUDAN	WAD MEDANI											00	—	20	5	0	0	—	9.1	-1.6	27.9	34	-1	23	+2	66	0	396	256	171
	DUEIM											00	—	—	3	0	0	—	9.5	-1.5	27.2	33	-1	23	+1	71	0	291	198	173
	RENK											02	7	18	2	1	5	Sc	11.0	—	24	32	—	22	—	83	0	—		182
	ROSEIRES											02	—	14	1	0	4	—	11.1	-0.7	24.5	31	-1	22	+1	87	dr	468	517	172
	EL OBEID											03	8	16	3	1	8	Ac,Ci	8.7	-3.2	25.0	32	-1	23	+2	84	dr	246	212	174
	EL FASHER											02	8	30	2	1	5	Ac,Cs	—	—	23.5	35	+2	21	+1	76	0	283	216	175
	GENEINA											02	8	20	3	1	5	Ac,Cc	—	—	23.0	35	—	20	—	83	0	325*	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											01	8	22	2	1	3	Ac	10.2	-2.5	25.4	31	0	23	+2	78	0	557	636	176
	WAU											02	—	16	1	6	4	—	9.6	-1.9	25.0	32	0	22	+2	84	4	808	849	177
	JUBA											01	8	30	2	1	4	Ac,Cc	11.1	-1.7	23.7	31	0	20	0	83	2	818	735	178

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO 8 h.	HELWAN 9 h.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	P.SUDAN 7 h.	SALUM 15th 13 h.
02.34.25	02.31.20	02.31.40	02.31.15	02.31.05	02.32.10	02.01.15	03.03.20	06.35.45	06.21.35	06.19.25	07.21.30	06.23.10	02.26.20	02.04.35
05.36.25	05.32.20	06.31.30	05.32.15	05.30.10	05.01.20	05.34.50	06.36.40	10.01.25	10.23.45	10.20.35	10.22.20	10.04.10	05.27.10	05.34.25
08.03.10	10.33.25	08.31.30	ENTERED Cu.	08.32.25	10.33.45	10.33.20	10.36.35	15.02.20	15.26.40	15.23.25	15.31.05	15.23.15	16.32.10	10.29.20
10.11.05		09.34.30		ENTERED Cu.		15.21.15	15.35.15	19.03.10	20.33.25	20.29.25	20.03.20	20.19.15	15.28.30	15.28.20
15.36.20							20.24.20		25.33.35	30.02.15	25.13.15	30.18.15	20.25.25	17.30.05
20.03.15							30.21.20		30.01.30	34.05.10		40.14.05	23.22.20	
25.06.20							40.20.20		40.06.25			43.15.10	30.24.30	
30.36.20							50.22.30		50.09.65					
35.34.35									60.09.40					
40.33.40									66.08.30					

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. °C on 15th	Diff. from normal
Alexandria	72	+1	22.8	+0.3
Ezbekiya	63	+1	23.0	0.0
Giza	71	+7	22.9	+0.5
Helwan	55	+4	20.8	+0.5

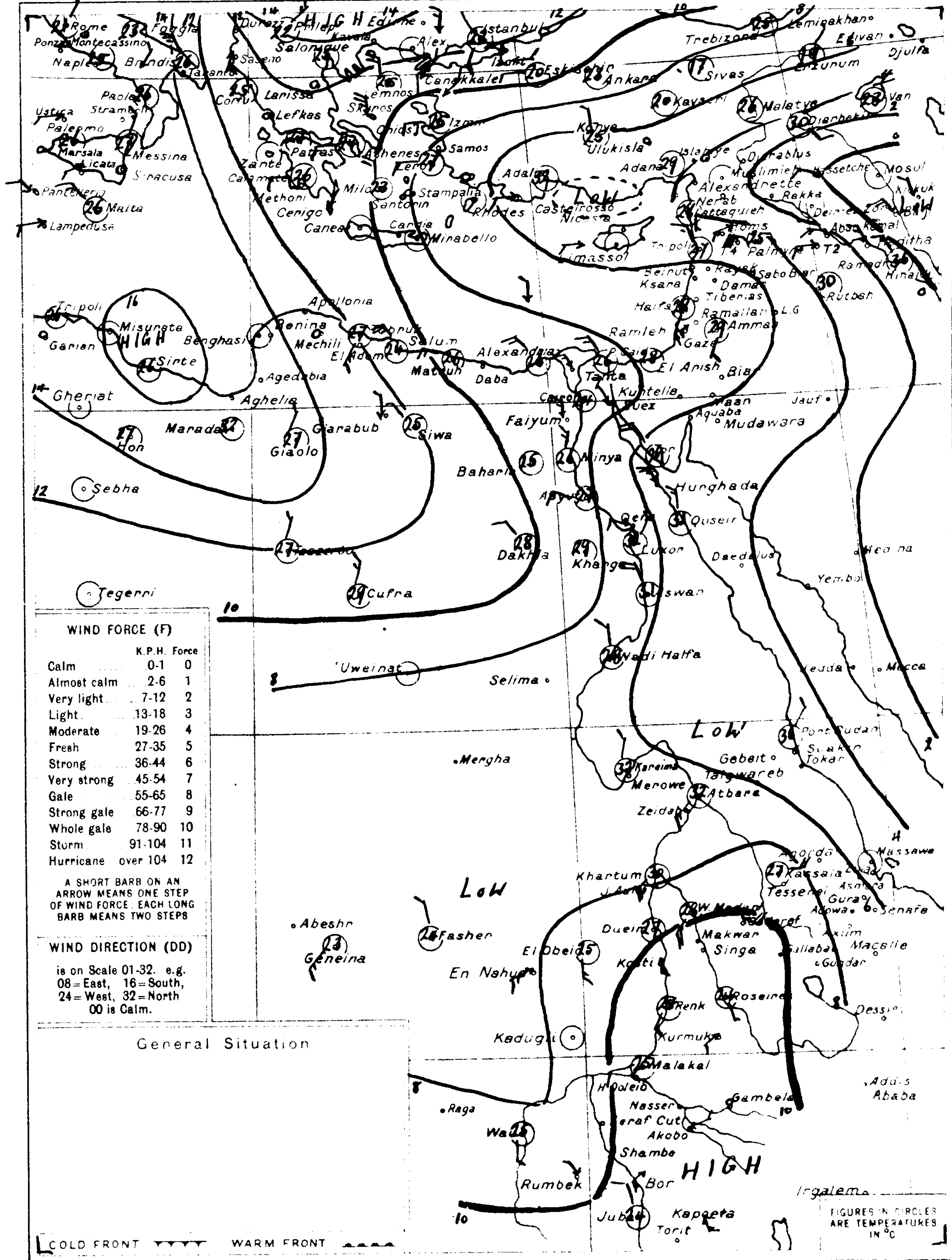
Giza Grass minimum on 16th 14.0 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
16-8	4705	9605
15-8	4554	9382

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	16.8	13.39	-0.36	13.39	-0.35
Nasser	15.8	9.75	-0.03	9.74	-0.02
Malakal	16.8	11.88	+0.10	11.88	+0.11
Roseires	16.8	18.92	-0.31	18.28	-0.92
Sennar Res	15.8	17.21	—	17.21	—
J. Aulia U S	15.8	376.49	—	376.47	—
J. Aulia D S	15.8	374.05	-0.90	374.04	-0.86
Khartum	15.8	14.52	-0.77	14.48	-0.76
Kh. el Girba	15.8	14.07	-0.27	14.10	-0.20
Atbara	16.8	13.95	-0.79	13.62	-1.08
Kajnarti	15.8	139.02	-1.38	138.86	-1.34
Aswan Res.	16.8	102.90	—	102.88	—
Aswan D S	16.8	90.12	-1.08	89.96	-1.14
Roda (Cairo)	16.8	16.58	-0.80	16.51	-0.73

Isobars, Wind and Temperature at 8 h. 16-8-39 ١٦-٨-٣٩



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)	Bar Pressure 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	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	22	2	0	2	—	5.9	-1.9	28	—	—	—	—	—	0	610	464
Haifa	01	—	18	2	—	4	—	7.5	+0.9	28.2	31	0	25	+3	65	0	559	647
Kharga 15th	00	8	32	2	0	0	—	9.6	+1.2	28.3	39	-1	23	+1	40	0	dr	tr

SHIPS

Remarks

* Please read total rainfall for Geneina 325 mms instead of 324 mms published on 15-8-39.

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	25
Heavy Thunderstorm	27
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,,	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94, 96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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. 5[illegible]

CAIRO
Time of Sunrise 05 h. 23 m.
" " Sunset 18 h. 35 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

At 14 h. on 16th — الساعة ١٤ يوم ١٦

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
SALÛM	01	8	32	5	0	3	Cu	9.3	30.3	51
MATRÛH	00	7	28	5	0	0	—	8.7	28.0	80
DIKHEILA	01	8	28	5	1	4	Cu	9.0	27.2	86
ALEXANDRIA	02	9	28	5	2	4	Ac	7.9	28.6	69
DAMIETTA										
PORT SAÏD	01	8	28	3	1	3	Cu	6.7	31.1	55
EL 'ARÎSH	01	7	30	3	1	2	Cu	6.8	29.1	71
DAMANHÛR										
MANSÛRA										
TANTA	02	7	28	4	1	5	Cu	7.0	31.5	48
ZAGÂZÎG	01	8	30	2	1	3	—	7.1	32.8	47
CAIRO ALMAZA	01	8	28	3	1	4	Cu	7.8	31.8	44
CAIRO EZBEKIYA	01	7	30	2	0	3	Cu	6.8	33.6	38
CAIRO GÎZA	01	7	30	2	1	3	Cu	7.0	33.0	34
HELWAN	01	8	32	3	0	2	Cu	6.6	32.6	31
SUEZ	00	9	30	1	0	0	—	6.3	33.8	32
FAIYUM	01	8	32	4	0	2	Cu	6.8	33.0	36
MINYA	00	6	32	4	1	0	—	7.0	33.2	35
ASYUT	01	8	28	4	1	3	—	7.1	33.0	35
QENA	00	8	26	3	1	0	—	5.5	37.8	26
LUXOR	00	8	24	2	0	0	—	5.6	37.0	32
ASWAN	00	7	26	2	1	0	—	5.9	38.8	22
SIWA	00	8	28	1	0	0	—	9.1	33.1	63
BAHARIYA	00	9	00	0	0	0	—	8.4	33.5	28
KHARGA	00	8	32	2	0	0	—	5.5	39.3	23
DAKHLA	00	7	30	4	0	0	—	8.7	34.0	22
TOR	00	6	28	4	0	0	—	3.9	29.5	56
HURGHADA	00	9	30	3	0	0	—	5.6	33.5	53
QUSEIR	00	7	02	3	0	0	—	5.1	31.1	61

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

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	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	01	6	30	4	0	3	Cu	9.9	-1.2	24.3	32	—	20	—	80	0	182	—	130
MATRÛH	01	7	26	3	1	3	Cu	8.8	-1.7	26.3	28	0	21	0	82	0	122	160	131
DIKHEILA	01	8	28	3	1	4	Sc	9.3	—	26.2	28	—	25	—	86	0	94	—	150
ALEXANDRIA	01	9	28	2	2	3	Ac	8.3	-2.3	26.3	30	-1	24	+1	77	0	166	185	132
DAMIETTA	01	8	22	2	1	3	Cu	7.4	—	27.2	31	—	22	—	75	0	70	107	159
PORT SAÏD	01	8	24	4	1	3	Cu	7.2	-1.3	26.6	33	+2	24	0	76	0	64	81	134
EL 'ARÎSH	01	7	24	3	1	3	Cu	7.2	—	27.6	30	—	22	—	80	0	130	93	135
DAMANHÛR	01	8	24	2	1	1	Cu	7.8	-2.0	27.7	32	-1	21	+1	74	0	29	103	136
MANSÛRA	00	8	20	2	0	0	—	8.0	—	26.0	33	-2	21	0	76	0	46	55	137
TANTA	02	7	24	2	1	4	Cu	8.4	-2.1	26.5	32	-4	20	-1	80	0	41	43	138
ZAGÂZÎG	01	8	28	1	1	3	—	8.7	—	28.4	33	-2	21	+2	74	0	31	29	139
CAIRO ALMAZA	05	6	24	3	2	5	Cu	9.4	—	25.4	34	—	23	—	80	0	18	—	141
CAIRO EZBEKIYA	02	6	28	2	2	5	Cu	9.0	-1.0	25.6	35	0	23	+2	79	0	23	28	—
CAIRO GÎZA	03	8	28	1	2	7	Sc	8.8	-1.3	25.5	34	-1	20	+1	83	0	23	28	—
HELWAN	09	6	28	2	2	5	Cu	9.5	-0.5	24.0	33	-2	22	+1	83	0	26	29	143
SUEZ	02	6	28	1	1	5	Cu	8.0	-1.2	27.7	36	0	24	+1	63	0	27	18	144
FAIYUM	01	7	32	2	0	3	Cu	9.1	-1.0	26.1	35	-1	21	0	74	0	7	8	153
MINYA	00	8	30	2	0	0	—	9.0	-0.3	25.3	34	-2	21	0	77	0	4	—	154
ASYUT	00	6	22	3	0	0	—	8.2	-0.8	27.1	35	-1	22	-1	58	0	2	4	155
QENA	01	8	26	3	1	3	Cs	7.1	-0.2	30.6	39	0	25	+1	46	0	dr	—	156
LUXOR	00	8	30	1	0	0	—	7.8	—	32.3	38	—	24	—	43	0	dr	—	157
ASWAN	00	7	28	2	0	0	—	7.0	-0.6	30.6	40	-1	27	+1	39	0	1	—	158
SIWA	00	8	00	0	0	0	—	11.8	+0.8	25.2	36	-1	20	0	82	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	8.2	—	27.0	34	—	20	—	63	0	1	—	149
KHARGA	00	8	32	1	0	0	—	—	—	29.4	39	0	22	0	36	0	dr	tr	151
DAKHLA	00	8	26	2	0	0	—	10.3	+0.6	28.6	36	-3	22	-1	39	0	dr	—	152
TOR	00	6	28	4	0	0	—	5.5	-1.0	28.6	35	+1	26	+2	69	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	5.8	-1.0	29.6	34	-1	25	0	67	0	1	—	146
QUSEIR	01	7	32	3	0	1	Ci	6.0	-0.6	31.0	33	-1	26	-1	48	0	tr	6	147
PORT SUDAN	00	—	04	2	0	0	—	5.8	-0.1	36.3	44	+4	29	+1	42	0	81	120	169
WÂDI HALFA	01	8	02	3	0	1	Ac	7.5	-1.0	29.7	40	0	24	+1	30	—	—	—	165
KAREIMA	01	8	04	2	1	4	AcCs	7.5	-0.9	32.2	42	+1	27	+1	19	0	13	22	166
'ATBARA	00	—	32	5	0	0	—	6.2	-2.0	34.0	42	+2	28	+3	27	0	52	56	167
KHARTÛM	02	8	20	2	1	5	AcCi	7.4	-2.0	30.0	41	+4	29	+4	59	0	59	101	168
KASSALA	03	8	12	2	1	6	Ac	8.8	-2.8	26.2	35	+2	23	+1	69	0	214	217	170
WAD MEDANI	00	—	18	4	5	0	—	9.3	-1.4	25.4	36	+1	22	+1	79	4	400	260	171
DUEIM	02	—	—	3	1	4	—	9.1	-1.9	25.6	37	+3	22	0	76	2	293	201	173
RENK									—			—		—				—	182
ROSEIRES	03	—	22	1	6	7	—	11.4	-0.4	22.4	35	+3	20	-1	95	33	501	524	172
EL OBEID	03	7	12	4	9	8	Cu,Cb	11.3	-0.6	21.2	34	+1	21	0	91	dr	246	216	174
EL FÂSHER	01	8	06	1	1	4	Ci	—	—	25.0	34	+1	22	+2	76	0	283	221	175
GENEINA	02	8	16	1	1	5	AcCi	—	—	23.0	35	—	19	—	83	0	325	—	179
KADUGLI																		—	187
MALAKÂL	03	8	04	2	1	6	Ac,As	9.5	+3.2	24.5	34	+3	22	+1	89	tr	557	643	176
WÂU	02	—	28	2	6	4	—	9.2	-2.3	24.2	32	0	22	+2	90	14	822	856	177
JÛBA	01	8	00	0	1	2	Cu,Ac	10.3	-2.5	25.4	33	+2	22	+2	84	0	818	739	178

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

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 7 h.	CAIRO 8 h.	HELWAN 8 h. 39 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 4 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA	SALUM 16th 13 h.
02.36.20	02.30.20	02.31.25	02.33.15	02.33.20	02.30.20	02.34.10	03.01.15	06.36.40	06.21.65	06.18.30	07.13.55	06.29.10		02.35.30
05.32.45	05.32.25	05.32.25	05.35.15	05.34.25	05.35.20	05.35.40	06.02.25	10.01.45	10.22.50	10.21.35	10.13.35	10.25.10		05.31.15
10.36.25	09.29.20	10.33.25	Ent. Cu.	08.36.15	10.34.40	10.35.40	10.04.25	15.33.20	15.22.75	15.20.20	15.22.10	15.24.05		10.31.20
15.35.35		15.30.25		10.36.15	15.33.40	15.27.30	15.03.25	20.13.15	20.30.50	20.26.15	20.31.15	20.05.15		15.33.10
20.30.20		20.01.05		ENTERED Cu.			20.04.20	25.36.20	25.36.35	30.36.15	29.36.45	30.08.25		17.03.05
		23.01.05					24.03.25		30.01.55	33.03.35		40.08.10		20.06.10
		25.03.05							40.01.65			47.08.15		22.02.10
		26.31.10							50.01.50					25.34.10
		28.13.10												30.32.20
		29.33.15												35.32.25

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى 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	77	+6	23.6	+1.1
Ezbekîya	66	+4	23.9	0.0
Gîza	70	+6	22.5	+0.1
Helwân	64	+12	21.4	+1.1

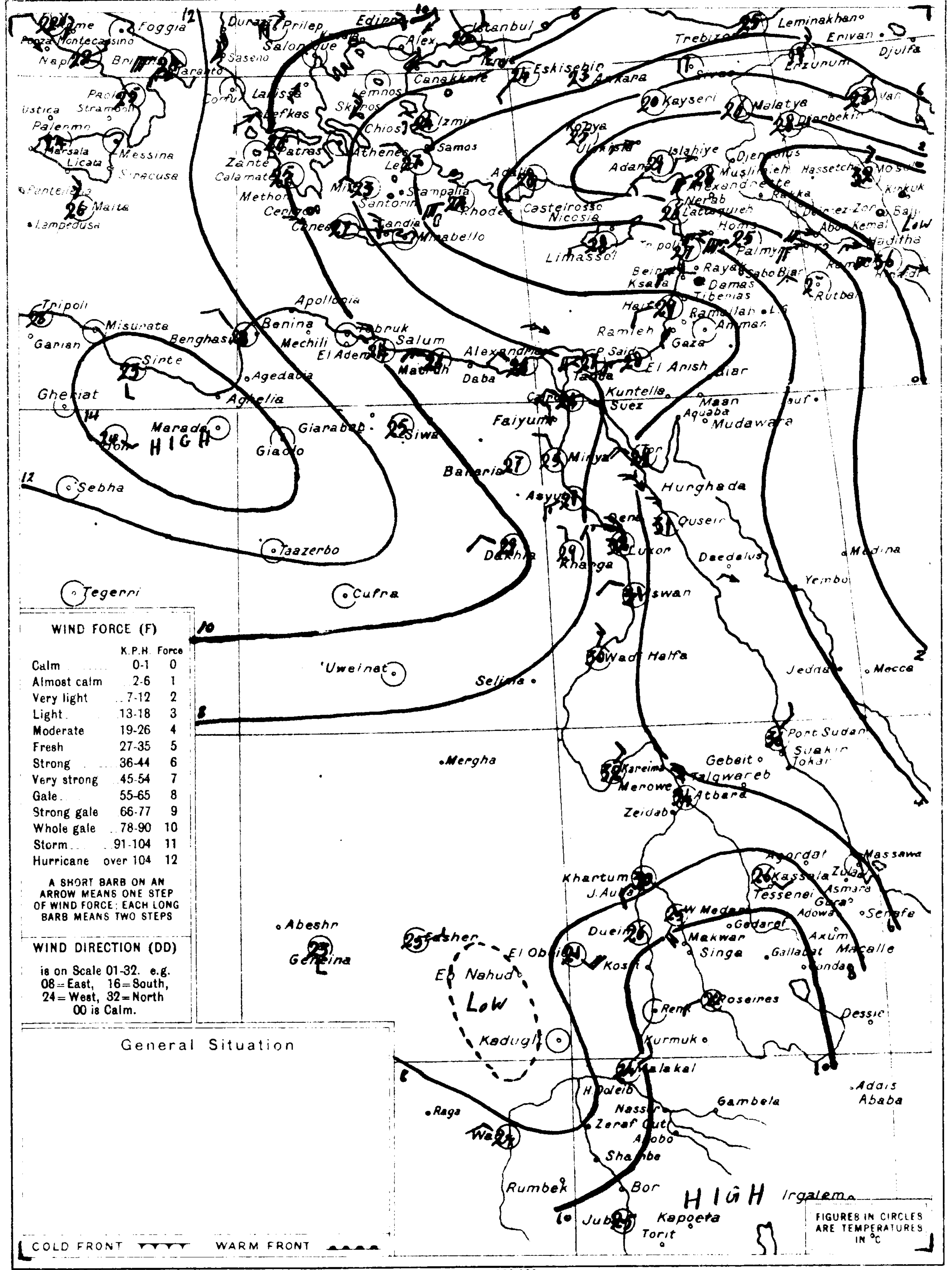
Gîza Grass minimum on 17th 15.4 °C

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

DATE	1939	1938
17-8	4985	9004
16-8	4705	9605

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-8	13.40	-0.35	13.39	-0.36
Nâsser	16-8	9.75	-0.05	9.75	-0.03
Malakâl	17-8	11.89	+0.10	11.88	+0.10
Roseires	17-8	18.80	-0.45	18.92	-0.31
Sennâr Res	16-8	17.19	—	17.21	—
J. Aulia U.S	16-8	376.46	—	376.49	—
J. Aulia D.S	16-8	374.21	-0.78	374.05	-0.90
Khartûm	17-8	14.70	-0.67	14.66	-0.68
Kh. el Girba	16-8	13.75	-0.59	14.07	-0.27
'Atbara	17-8	13.81	-0.96	13.95	-0.79
Kajnarti	16-8	139.10	-1.45	139.02	-1.38
Aswan Res.	17-8	102.90	—	102.90	—
Aswân D.S.	17-8	90.31	-0.99	90.12	-1.08
Rôda (Cairo)	17-8	16.67	-0.81	16.58	-0.80

Isobars, Wind and Temperature at 8 h. 17-8-1939 ١٩٣٩-٨-١٧



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 17th — الساعة ٨ يوم ١٧

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	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	09	6	22	1	4	2	—	5.0	-2.9	28	—	—	—	—	—	0	610	465
Haifa	00	—	22	2	—	0	—	6.6	0.0	28.9	32	+1	24	+2	45	0	559	648
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 Rain …	08
Distant …	09
Rain in sight	[illegible]
Thunder …	[illegible]
Distant …	[illegible]
Squalls	[illegible]
Slight Duststorm	[illegible]
Rain … past hour	20-29
Slight Thunderstorm	27
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick Haze	40-49
Mod. Fog … past hour	41
Thick …	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	66, 69
Snow	70-79
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

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

Time of Sunrise 05 h 24 m
Sunset 18 h 34 m

Month AUGUST 1939 شهر أغسطس

١٩٣٩-٨-١٨

At 8 h on 17th / At 8 h on FRIDAY 18th الجمعة ١٨

Station	17th ww	V	DD	F	W	N	C	PPP	TTT	UU	18th ww	V	DD	F	W	N	C	Bar. M.S.L. 1000+ mbs	Diff from normal	Dry Bulb	Max. Yesterday	Diff from norm.	Min. To-day	Diff from norm.	Humidity	Rain past 24h	Total since 1st	Normal	Station No.
SALUM	01	7	02	7	0	3	Cu	9.8	28.4	66	01	6	30	6	0	1	Cu	11.6	+0.4	24.6	30	—	21	—	80	0	182	—	130
MATRUH	00	7	30	4	0	0	—	4.1	27.3	87	02	7	24	3	1	5	Cu	10.8	+0.2	26.4	28	0	22	+1	83	0	122	160	131
DEKHEILA	01	8	30	3	1	2	Sc	9.9	26.9	85	01	8	28	2	1	4	Cu	11.2	—	26.3	28	—	24	—	77	0	94	—	150
ALEXANDRIA	01	9	28	3	2	3	Ac	9.4	29.0	67	02	9	28	2	2	4	Ac	10.8	+0.1	26.3	30	-1	24	+1	65	0	166	185	132
DAMIETTA											00	8	18	2	0	0	—	9.4	—	26.8	30	—	21	—	66	0	70	107	159
PORT SAID	00	8	28	4	1	0	—	8.0	31.8	57	01	7	28	2	1	3	Ac	9.4	+1.3	26.6	33	+2	24	0	65	0	64	81	134
EL ARISH	01	7	30	3	1	2	Cu	7.6	29.4	76	01	7	22	1	1	4	Cu	9.8	—	27.1	31	—	22	—	85	0	130	43	135
[illegible]											01	8	20	2	1	1	Cu	10.4	+0.6	27.0	32	-1	21	+1	63	0	29	103	136
[illegible]											00	8	20	1	0	0	—	10.3	—	26.2	34	-1	21	0	67	0	46	55	137
[illegible]	00	8	28	2	1	0	—	6.4	33.1	46	00	8	28	1	0	0	—	11.1	+0.5	26.1	34	-2	19	-2	71	0	41	43	138
[illegible]	01	8	30	1	1	1	—	8.4	33.9	44	01	8	30	1	1	1	—	11.1	—	27.4	34	-1	19	0	67	0	31	29	133
ABBASIA	00	8	30	3	0	0	—	8.8	33.3	45	02	7	32	1	1	4	Sc	11.2	—	24.7	34	—	21	—	80	0	18	—	141
EZBEKIYA	00	8	28	1	0	0	—	8.3	34.3	35	02	6	00	0	1	5	Cu	11.0	+0.9	25.6	35	0	22	+1	81	0	23	28	—
GIZA	00	8	28	1	0	0	—	7.8	33.5	30	02	6	00	0	1	5	Cu	10.8	+0.6	25.0	35	+1	20	+1	84	0	23	28	—
HELWAN	00	8	26	5	0	0	—	7.4	33.0	31	01	6	00	0	0	1	Cu	10.6	+0.6	25.0	34	-1	21	0	74	0	26	29	143
SUEZ	01	8	32	3	0	1	Cu	7.2	32.7	36	00	7	32	2	0	0	—	10.2	+0.9	25.6	35	-1	21	-2	77	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	7.4	34.0	35	00	7	32	2	0	0	—	9.0	-1.3	26.1	37	+1	22	+1	70	0	7	8	153
MINYA	00	6	02	4	0	0	—	8.2	34.3	33	00	8	32	1	0	0	—	10.0	+0.7	27.0	35	-1	23	+2	63	0	4	—	154
ASYUT	00	7	28	3	0	0	—	7.2	34.9	24	00	6	26	3	0	0	—	9.8	+0.8	27.1	36	0	22	-1	57	0	2	4	155
QENA	00	8	28	4	1	0	—	5.5	37.9	23	01	8	22	2	1	3	Cs	8.3	+0.9	30.2	40	+1	26	+2	41	0	tr	—	156
LUXOR	00	8	24	2	0	0	—	6.6	37.2	29	00	8	22	2	0	0	—	9.1	—	31.3	38	—	22	—	47	0	tr	—	157
ASWAN	00	7	32	5	0	0	—	4.8	38.2	26	00	7	32	2	0	0	—	8.4	+0.8	31.3	39	-2	26	+1	26	0	1	—	158
SIWA	00	8	28	1	0	0	—	10.7	34.0	45	00	8	00	0	0	0	—	13.4	+2.3	25.0	36	-1	19	-1	90	0	7	8	142
BAHARIYA	00	9	00	0	0	0	—	8.4	34.0	27	00	9	00	0	0	0	—	10.8	—	26.0	36	—	21	—	62	0	1	—	149
KHARGA	00	8	32	2	0	0	—	5.0	38.2	24	00	8	28	1	0	0	—	8.6	0.0	29.6	38	-1	22	0	36	0	tr	tr	151
DAKHLA	00	7	26	1	0	0	—	8.8	36.8	19	00	8	26	3	0	0	—	11.4	+1.7	28.5	39	0	24	+1	37	0	tr	—	152
TOR											00	6	28	4	0	0	—	7.0	+0.5	24.2	32	-2	27	+3	63	0	20	13	145
HURGHADA	00	9	32	5	0	0	—	5.0	33.4	46	00	9	30	3	0	0	—	7.2	+0.4	31.5	34	-1	24	-1	48	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	5.4	31.0	65	00	7	32	3	0	0	—	7.4	+0.7	31.7	33	-1	27	0	43	0	tr	6	147
PORT SUDAN											00	—	04	2	0	0	—	7.1	+1.1	35.5	38	-2	24	+1	46	0	81	120	169
WADI HALFA											00	8	30	3	0	2	Ci	8.9	+0.4	28.8	41	+1	25	+2	40	—	—	—	165
KAREIMA											01	8	32	4	1	4	Cs	7.7	-0.7	34.4	43	+2	29	+3	13	0	13	23	166
ATBARA											00	—	20	4	0	0	—	7.5	-0.7	32.0	42	+2	28	+3	40	0	52	57	167
KHARTUM											01	7	20	4	1	4	Cs, Ac	8.5	-0.9	30.0	42	+5	28	+3	41	0	54	103	168
KASSALA											01	8	14	3	1	3	Ac	8.7	-2.9	25.2	35	+2	21	-1	72	13	227	221	170
WAD MEDANI											03	—	18	5	1	7	—	9.0	-1.7	25.7	35	0	24	+3	74	0	400	265	171
DUEIM											—	—	—	—	2	—	—	10.6	-0.4	—	34	0	24	+2	—	0	243	205	173
RENK																											—	—	182
ROSEIRES											02	—	26	1	0	4	—	11.9	+0.1	24.4	32	0	23	+2	89	0	501	531	172
EL OBEID											03	8	18	4	8	6	Ac	9.5	-2.4	25.5	31	-2	23	+2	84	tr	246	220	174
EL FASHER											03	8	12	1	1	7	Cu	—	—	24.0	36	+3	23	+3	83	1	284	226	175
GENEINA											03	8	00	0	1	6	Ac	—	—	23.8	35		20		91	0	325	—	178
KADUGLI																												—	197
MALAKAL											02	8	26	3	1	5	Cs, Ac	11.0	-1.7	25.5	33	+2	23	+2	84	tr	557	649	176
WAU											03	—	20	8	6	7	—	10.5	-1.0	23.4	33	+1	21	+1	86	6	828	863	177
JUBA											02	8	30	3	1	5	Cs, Cu	12.0	-0.8	24.1	33	+1	21	+1	83	0	818	742	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 18th

SALUM	MATRUH	DEKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Salum 17th
7 h	h	7 h	h	h	h	h	7 h	7 h	7 h	7 h	7 h	7 h	h	13 h
02.34.30		02.30.10					03.08.25	06.02.35	06.16.35	06.14.25	07.23.40	06.25.25		02.35.40
05.35.25		05.31.10					06.02.35	10.03.35	10.21.60	10.19.25	10.21.30	10.25.15		05.32.30
10.32.20		06.31.10					10.35.25	15.35.20	15.23.20	15.22.10	15.31.05	15.22.05		10.28.10
15.31.20							15.34.25	20.36.05	20.24.10	20.02.15	20.35.15	20.17.05		15.32.35
20.31.40							20.32.15	25.12.05	30.01.20	26.01.25	24.02.20	30.11.15		20.33.30
25.31.40							30.25.20	30.13.10	40.08.55			40.10.20		25.31.30
30.33.30							40.21.50	40.11.25	48.07.60			50.08.15		30.27.20
							50.21.35	50.11.15				53.06.25		
							60.24.15	60.09.30						
							70.15.20							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % of 17th	Diff from normal	Wet bulb temp °C of 17th	Diff from normal
Alexandria	76	+5	23.6	+1.1
Ezbekiya	61	-1	22.9	0.0
Giza	66	+2	22.7	+0.3
Helwan	60	+8	21.5	+1.3

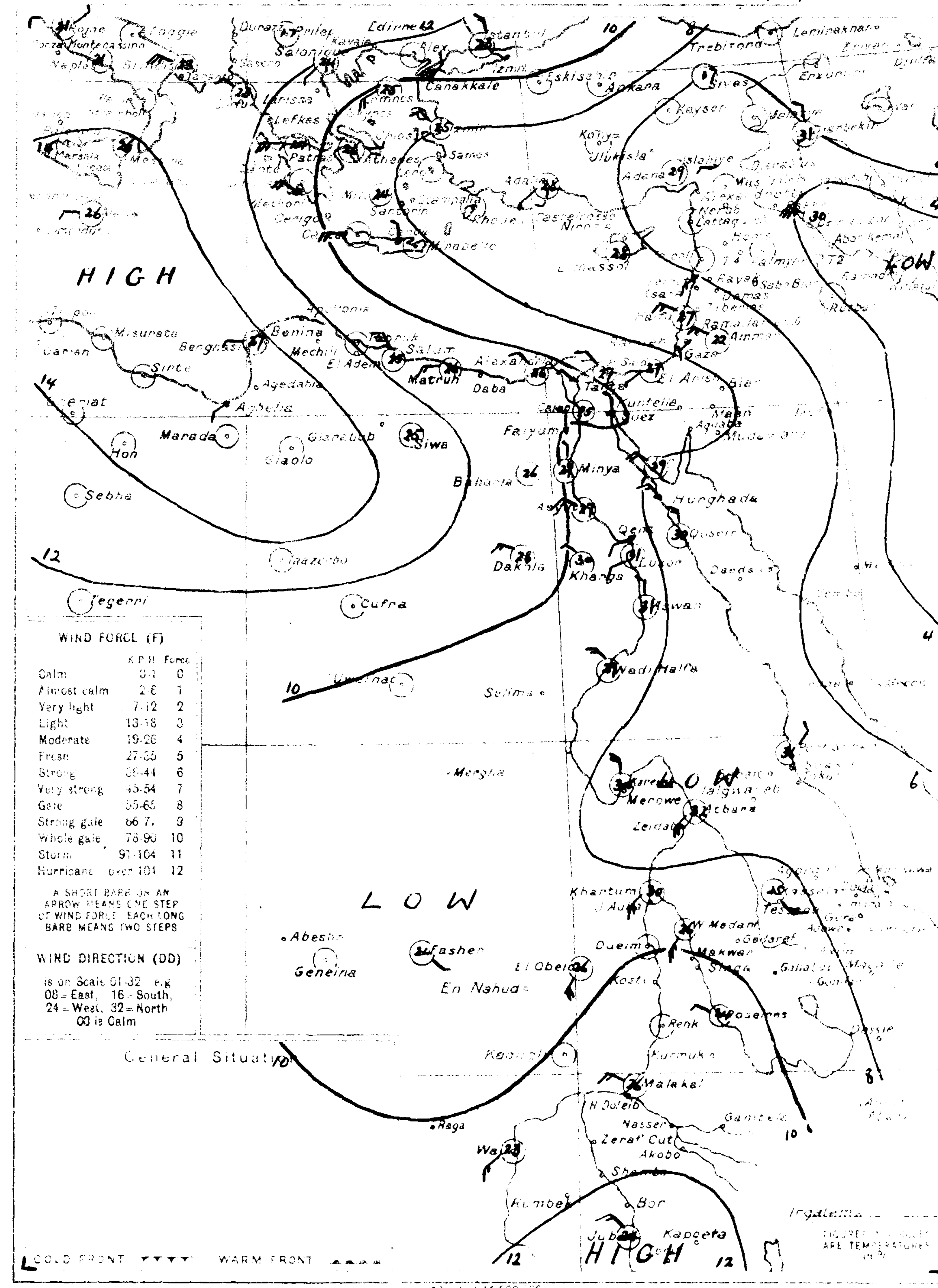
Giza Grass minimum on 18th 15.3 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
17-8	4985	9004
16-8	4705	9605

Gauge	Date 1939	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba	17-8	13.40	-0.35	13.39	-0.36
Nasser	16-8	9.75	-0.05	9.75	-0.03
Malakal	17-8	11.89	+0.10	11.88	+0.10
Roseires	17-8	18.80	-0.45	18.92	-0.31
Sennar Res	16-8	17.19	—	17.21	—
J. Aulia U.S	16-8	376.46	—	376.49	—
J. Aulia D.S	16-8	374.21	-0.78	374.05	-0.90
Khartum	17-8	14.70	-0.67	14.66	-0.68
Kh. el Girba	16-8	13.75	-0.59	14.07	-0.27
Atbara	17-8	13.81	-0.96	13.95	-0.79
Kajnarti	16-8	139.10	-1.45	139.02	-1.38
Aswan Res	17-8	102.90	—	102.90	—
Aswan D.S	17-8	90.31	-0.99	90.12	-1.08
Roda (Cairo)	17-8	16.67	-0.81	16.58	-0.80

Isobars, Wind and Temperature at 8 h 18-8-1939



At 8 h on 18th ١٨

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	Dry Bulb	Max. Yesterday	Diff from norm.	Min. To-day	Diff from norm.	Humidity	Rain past 24h	Total	Normal
Limassol	00	7	00	0	0	0	—	7.0	-1.0	28	—	—	—	—	—	0	610	465
Haifa	01	—	26	3	—	4	—	7.9	+1.2	27.3	32	+1	22	0	48	0	559	648

SHIPS سفن

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

PRESENT WEATHER
Clear
Partly cloudy
Cloudy

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

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

1417 F.C.

CAIRO
Time of Sunrise h. m. 05 24
„ „ Sunset 18 33

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

STATION	At 14 h. on 18th — Present Weather ww	V	Wind DD	F	Past Weather W	Cloud N	C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on SATURDAY 19th — Present Weather ww	V	Wind DD	F	Past Weather W	Cloud 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
MEDITERRANEAN: SALUM	01	8	04	6	1	3	Cu	11.5	28.2	62	01	6	30	5	0	1	Cu	11.8	+0.5	24.1	31	—	21	—	80	0	182	—	130
MATRUH	00	7	28	5	0	0	—	10.8	28.1	85	02	7	24	4	1	5	Cu	10.6	-0.1	26.2	28	0	22	+1	84	0	122	160	131
DIKHEILA	01	8	26	2	0	2	Cu	11.6	27.5	58	01	8	26	3	1	4	Cu	10.6	—	26.4	28	—	25	—	80	0	94	—	150
ALEXANDRIA	01	9	28	3	2	3	Ac	10.8	28.4	70	02	9	24	3	2	4	Ac	9.9	-0.9	26.0	31	0	25	+2	75	0	166	185	132
DAMIETTA											01	8	20	2	0	2	Ac	9.1	—	27.1	29	—	21	—	74	0	70	107	159
PORT SAID	00	8	28	4	1	0	—	9.5	31.3	52	02	6	24	2	1	5	Sc	9.9	+1.2	26.2	33	+2	24	0	79	0	64	81	134
EL 'ARISH	00	7	30	3	1	0	—	9.4	29.4	81	01	7	20	1	1	2	Cu	9.5	—	26.9	30	—	22	—	87	0	130	93	135
LOWER EGYPT: DAMANHUR											01	8	20	2	1	1	Cu	8.4	-1.5	27.4	32	-1	20	+1	70	0	29	103	136
MANSURA											00	8	20	1	0	0	—	9.9	—	25.9	33	-2	20	-1	76	0	46	55	137
TANTA	00	8	30	2	0	0	—	9.0	32.3	48	00	8	24	1	0	0	—	10.4	-0.3	25.5	33	-3	19	-2	85	0	41	43	138
ZAGAZIG	01	8	30	1	1	1	—	9.4	32.4	46	02	8	28	1	1	4	—	10.6	—	27.8	33	-2	19	0	74	0	31	29	139
MIDDLE EGYPT: CAIRO ALMAZA	00	8	26	2	0	0	—	10.8	32.0	41	02	6	24	2	1	4	Cu	11.6	—	25.2	33	—	22	—	74	0	18	—	141
CAIRO EZBEKIYA	00	8	28	2	0	0	—	9.8	33.2	35	02	7	28	2	2	5	Cu	10.4	+0.2	25.4	35	0	23	+2	73	0	23	28	—
CAIRO GIZA	00	8	28	2	0	0	—	9.8	32.7	31	02	7	28	1	1	5	Cu	10.7	+0.4	24.7	33	-1	19	0	80	0	23	28	—
HELWAN	00	8	26	4	0	0	—	9.6	31.7	30	02	7	30	3	1	4	Cu	10.8	+0.7	24.0	33	-2	20	-1	75	0	26	29	143
SUEZ	00	9	32	3	0	0	—	8.6	34.8	28	01	8	32	2	0	1	Cu	10.3	+1.0	25.5	36	0	22	-1	72	0	27	18	144
UPPER EGYPT: FAIYUM	00	8	30	2	0	0	—	9.9	33.8	34	01	7	32	2	0	3	Cu	11.1	+0.7	25.0	35	-1	21	0	72	0	7	8	153
MINYA	00	7	02	3	0	0	—	9.0	34.6	31	00	7	32	2	0	0	—	10.8	+1.4	25.2	35	-1	21	0	67	0	4	—	154
ASYUT	00	8	22	3	0	0	—	8.3	35.8	26	00	6	26	3	0	0	—	10.0	+0.9	27.1	37	+1	21	-2	50	0	2	4	155
QENA	00	8	26	3	1	0	—	7.0	39.0	24	00	8	30	2	0	0	—	8.3	+0.8	30.9	40	+1	26	+3	39	0	tr	—	156
LUXOR	00	8	26	3	0	0	—	7.4	38.5	28	00	8	30	2	0	0	—	9.1	—	31.8	39	—	23	—	39	0	tr	—	157
ASWAN	00	7	30	5	0	0	—	6.2	38.0	17	00	7	28	3	0	0	—	8.3	+0.6	30.8	40	-1	26	+1	32	0	1	—	158
WESTERN DESERT: SIWA	00	8	00	0	0	0	—	8.0	35.1	—	00	8	00	0	0	0	—	13.4	+2.2	26.1	37	0	19	-1	85	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	9.8	34.0	22	00	9	00	0	0	0	—	10.8	—	26.0	35	—	20	—	62	0	1	—	149
KHARGA	00	8	04	2	0	0	—	7.0	37.2	30																		tr	151
DAKHLA	00	7	30	4	0	0	—	10.4	35.5	21	00	8	28	1	0	0	—	11.4	+1.6	28.0	37	-2	22	-1	33	0	tr	—	152
RED SEA: TOR	00	6	28	6	0	0	—	5.9	32.2	48	00	6	28	6	0	0	—	7.1	+0.5	28.8	34	0	27	+3	65	0	20	13	145
HURGHADA	00	9	32	5	0	0	—	6.6	34.5	46	00	9	30	6	0	0	—	7.4	+0.5	29.9	35	0	25	0	56	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	7.0	31.4	52	00	7	32	4	0	0	—	7.2	+0.5	31.0	33	-1	26	-1	47	0	tr	6	147
PORT SUDAN											00	—	20	2	0	0	—	6.8	+0.7	35.6	38	-2	30	+2	53	0	81	120	169
NORTH SUDAN: WADI HALFA											00	8	30	3	0	0	—	8.8	+0.2	28.8	41	+1	23	0	34	—	—	—	165
KAREIMA											01	8	28	2	1	3	Ac	8.3	-0.1	31.2	43	+2	28	+2	22	0	13	23	166
'ATBARA											02	—	20	2	0	4	—	7.0	-1.2	35.2	43	+3	26	+1	31	0	52	58	167
KHARTUM											01	8	18	3	8	4	Ci, Ac	8.8	-0.6	28.5	39	+2	27	+2	58	tr	59	105	168
KASSALA											01	8	14	3	0	2	Ac	9.5	-2.1	25.2	34	+1	23	+1	76	0	227	225	170
CENTRAL SUDAN: WAD MEDANI											02	—	20	5	5	4	—	8.4	-2.3	27.6	35	0	23	+2	60	tr	400	270	171
DUEIM											03	—	—	4	1	7	—	11.0	0.0	25.6	36	+2	24	+2	82	0	293	208	173
RENK																			—			—		—				—	182
ROSEIRES											02	—	14	1	5	4	—	12.6	+0.8	23.7	34	+2	20	-1	88	35	536	538	172
EL OBEID											03	8	16	2	1	8	Ci, Ac	10.1	-1.8	25.0	34	+1	23	+2	84	0	246	223	174
EL FASHER											03	8	28	3	1	6	Cs, St	—	—	24.8	36	+3	23	+3	67	0	284	231	175
GENEINA											02	8	16	1	1	5	Cs, Ac	—	—	21.1	33	—	18	—	91	30	355	—	179
KADUGLI																												—	187
S. SUDAN: MALAKAL											03	8	06	3	5	8	St, As	13.3	+0.7	22.6	31	0	22	+1	96	1	557	655	176
WAU											03	—	24	2	6	7	—	12.1	+0.7	22.8	32	0	21	+1	89	2	830	870	177
JUBA											01	8	00	0	1	4	Ac, Cu	12.7	-0.1	23.6	32	0	20	0	83	0	818	745	178

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

UPPER WINDS ON 19th الرياح العليا يوم ١٩

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 7 h.	CAIRO	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 6 h.	JUBA	P.Said A.P. 7 h.
02.33.30	02.28.30	02.30.20		02.30.15	02.32.15	02.34.10	03.02.25	06.04.25	06.17.30	06.19.20	07.21.25	06.26.10		02.25.20
05.33.70	05.31.40	05.30.25		05.33.30	05.36.15	05.35.10	06.02.35	10.04.30	10.22.40	10.23.25	10.23.30	10.18.10		05.30.15
10.35.25	07.31.25	07.29.35		08.32.10	10.35.40	10.34.40	10.36.25	15.05.30	15.29.15	15.23.25	15.36.05	15.18.15		10.29.25
15.31.25				10.32.10	16.35.35	15.34.20	15.33.20	20.05.40	20.35.15	20.31.30	20.34.20	20.22.05		15.29.25
20.32.40				15.31.40		20 — 10	20.31.30		30.04.35	30.03.25	30.03.20	30.07.05		17.29.25
25.33.35				20.31.50		25.33.25	30.27.35		40.08.30	40.10.05	40.05.35	33.15.05		
26.32.50							40.23.35		50.09.45	50.33.15	46.07.30			
							48.22.35		56.11.65	53.33.15				

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	76	+5	23.4	+1.0
Ezbekiya	59	-3	21.4	-1.0
Giza	63	-1	21.5	-0.9
Helwan	55	+3	20.7	+0.5

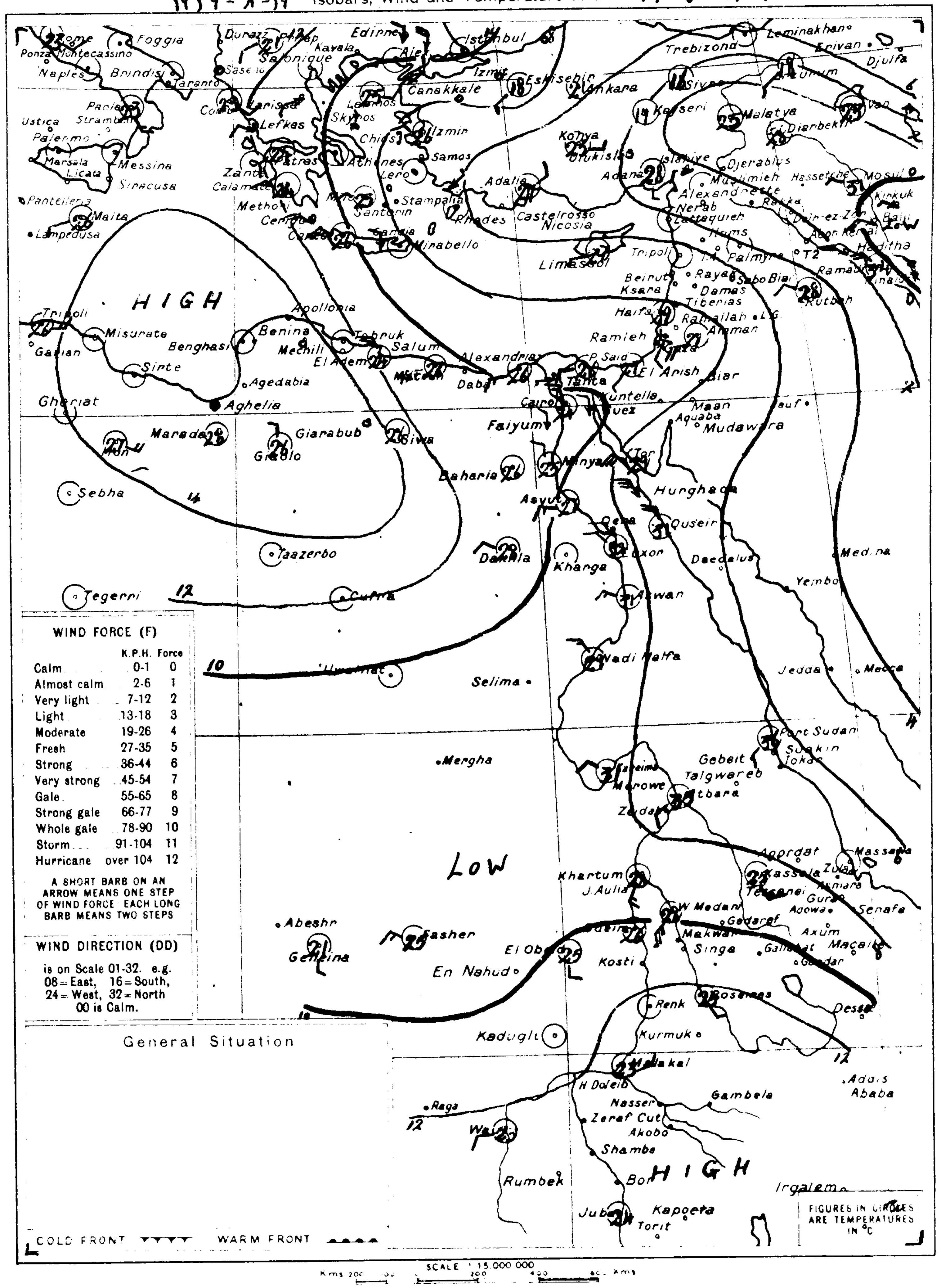
Giza Grass min. mum on 19th 14.8 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
19-8	5087	8965
18-8	5131	8977

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	18-8	13.45	-0.30	13.40	-0.35
Nasser	18-8	9.77	-0.05	9.76	-0.05
Malakal	19-8	11.90	+0.08	11.90	+0.10
Roseires	19-8	18.82	-0.45	18.45	-0.81
Sennar Res	18-8	17.22	—	17.20	—
J. Aulia U.S	18-8	376.48	—	376.57	—
J. Aulia D.S	18-8	374.28	-0.78	374.29	-0.78
Khartum	18-8	14.70	-0.70	14.70	-0.67
Kh. el Girba	18-8	14.00	-0.35	13.70	-0.65
'Atbara	19-8	14.20	-0.66	13.86	-0.97
Kajnarti	18-8	139.27	-1.53	139.13	-1.52
Aswan Res.	19-8	102.92	—	102.91	—
Aswan D.S.	19-8	90.41	-1.04	90.38	-1.00
Roda (Cairo)	19-8	16.90	-0.85	16.78	-0.85

Isobars, Wind and Temperature at 8 h. 19-8-1939 ١٩٣٩-٨-١٩



STATION محطة	At 8 h. on 19th — Present Weather ww	V	Wind DD	F	Past Weather W	Cloud 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	22	1	0	3	—	6.2	-2.0	27	—	—	—	—	—	0	610	465
Haifa	01	—	16	3	—	3	—	8.7	+1.9	29.2	31	0	25	+3	45	0	257	648
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	22
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

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

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

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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

DAILY WEATHER REPORT

Time of Sunrise 05 23 h m
" " Sunset 18 32

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

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)	°C Temp. (TTT)	% Humidity (UU)	At 8 h. on SUNDAY 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)	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	00	7	32	6	0	0	—	11.2	29.8	42	00	6	30	5	0	0	—	10.6	-0.8	24.2	31	—	21	—	85	0	182	—	130
MATRUH	02	7	26	4	2	5	Cu	10.4	27.3	87	02	7	28	4	1	5	Cu	9.4	-1.4	26.7	28	0	25	+4	85	0	122	160	131
DIKHEILA	01	8	26	5	1	4	Sc	10.6	27.6	84	01	8	26	3	1	4	Sc	9.8	—	26.1	28	—	25	—	80	0	94	—	150
ALEXANDRIA	01	9	26	5	2	3	Ac	9.8	28.8	65	02	9	30	2	2	4	Ac	8.6	-2.3	26.3	30	-1	25	+2	71	0	166	185	132
DAMIETTA											04	6	20	2	0	2	Ac	7.9	—	27.2	30	—	21	—	77	0	70	107	159
PORT SAID	01	7	28	4	1	2	Ac	8.8	31.6	54	00	8	20	2	1	0	—	9.6	+0.8	26.8	33	+2	24	0	73	0	64	81	134
EL ARISH	01	7	30	3	1	2	Cu	8.8	29.5	77	01	7	20	2	1	3	Cu	8.3	—	27.3	30	—	23	—	82	0	130	93	135
LOWER EGYPT																													
DAMANHUR											00	7	24	2	0	0	—	8.7	-1.3	27.8	32	-1	21	+2	67	0	29	103	136
MANSURA											00	8	24	1	0	0	—	8.7	—	26.0	33	-2	20	-1	76	0	46	55	137
TANTA	00	8	28	2	0	0	—	9.3	32.0	45	00	8	24	1	0	0	—	9.5	-1.2	24.9	32	-4	19	-2	87	0	41	43	138
ZAGAZIG	01	8	28	1	1	1	—	8.8	32.9	47	01	8	24	1	1	1	—	9.3	—	27.9	33	-2	19	0	73	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	24	3	0	1	Cu	9.5	32.8	44	02	7	28	2	1	4	Cu	9.9	—	25.7	34	—	22	—	73	0	18	—	141
CAIRO EZBEKIYA	00	7	30	1	0	0	—	8.7	33.3	34	02	5	30	1	1	5	Cu	9.3	-0.9	25.7	35	+1	23	+2	73	0	23	28	—
CAIRO GIZA	00	7	30	1	0	0	—	8.4	33.1	41	02	7	30	2	1	5	Cu	8.7	-1.7	25.0	35	+1	21	+2	80	0	23	28	—
HELWAN	00	8	28	2	1	0	—	8.4	31.7	31	09	5	00	0	1	4	Cu	9.5	-0.7	24.0	34	0	21	0	83	0	26	29	143
SUEZ	00	9	12	1	0	0	—	8.0	32.8	38	03	6	32	2	0	6	Cu	9.1	-0.4	26.0	36	0	23	0	74	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	8	32	2	0	0	—	8.8	33.2	31	01	7	32	3	0	4	Cu	8.8	-1.7	26.0	35	-1	21	0	73	0	7	8	153
MINYA	00	6	30	4	0	0	—	9.5	33.8	34	01	6	30	3	1	4	Cu	9.9	+0.4	24.9	35	0	21	0	76	0	4	—	154
ASYUT	00	7	30	4	0	0	—	8.7	34.0	31	00	6	30	3	0	0	—	9.3	+0.1	25.0	35	-1	21	-2	68	0	2	4	155
QENA	00	8	30	4	0	0	—	6.2	38.8	20	00	8	22	2	0	0	—	7.5	0.0	29.7	40	+1	24	+1	42	0	dr	—	156
LUXOR	00	8	24	4	0	0	—	6.3	37.2	26	00	8	22	1	0	0	—	7.9	—	31.5	39	—	22	—	45	0	dr	—	157
ASWAN	00	7	30	5	0	0	—	5.8	37.5	22	01	7	30	3	1	3	Ci	7.0	-0.7	30.2	39	-2	26	+1	35	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	28	1	0	0	—	12.2	34.9	53	00	8	26	1	0	0	—	12.3	+1.1	26.4	39	+2	19	-1	89	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	9.8	34.0	27	00	9	00	0	0	0	—	11.0	—	24.0	35	—	20	—	79	0	1	—	149
KHARGA	00	8	04	3	0	0	—	7.8	37.8	32	00	8	32	1	0	0	—	8.3	-0.5	28.6	38	-1	24	+2	37	0	dr	tr	151
DAKHLA	00	7	30	4	0	0	—	10.0	35.2	19	00	7	26	1	0	0	—	11.1	+1.2	27.8	37	-2	22	-1	38	0	dr	—	152
RED SEA																													
TOR	00	6	28	6	0	0	—	5.3	32.9	40	00	6	28	5	0	0	—	5.6	-1.0	28.8	34	0	27	+3	68	0	20	13	145
HURGHADA	00	9	30	7	0	0	—	5.6	34.6	43	00	9	30	4	0	0	—	6.3	-0.7	29.2	35	0	25	0	59	0	—	—	146
QUSEIR	00	7	02	3	0	0	—	6.3	31.0	59	00	7	32	3	0	0	—	6.4	-0.4	30.9	33	-1	27	0	48	0	tr	6	147
PORT SUDAN											00	—	04	2	0	0	—	6.0	-0.1	34.4	38	-2	30	+2	53	0	81	120	169
NORTH SUDAN																													
WADI HALFA											01	8	30	3	1	4	Cs	8.5	-0.2	29.0	40	0	22	-1	24	—	—	—	165
KAREIMA											02	8	30	5	1	5	Cs, Ac	7.7	-0.7	32.2	43	+2	27	+1	19	0	13	24	166
ATBARA											00	—	18	3	0	0	—	7.8	-0.4	31.0	42	+2	28	+3	43	0	52	60	167
KHARTUM											18	6	18	4	1	5	Ci, Ac	9.3	-0.1	27.4	37	0	25	0	69	0	59	107	168
KASSALA											01	8	14	3	1	4	Ac	9.5	-2.1	25.2	34	0	19	-3	68	66	282	229	170
CENTRAL SUDAN																													
WAD MEDANI											01	—	18	5	6	4	—	10.2	-0.5	23.4	34	-1	20	-1	86	8	408	275	171
DUEIM											01	—	—	3	1	4	—	11.1	+0.1	25.4	35	+1	22	0	79	2	295	212	173
RENK																			—			—		—				—	182
ROSEIRES											01	—	26	1	2	4	—	11.9	+0.1	23.5	32	0	20	-1	79	0	536	545	172
EL OBEID											02	8	18	2	1	5	Ci, Ac	8.8	-3.1	25.2	32	-1	22	+1	84	0	246	227	174
EL FASHER											02	8	04	1	1	5	Ac, Sc	—	—	25.0	37	+4	23	+3	76	0	284	236	175
GENEINA											02	8	00	0	1	5	Ac	—	—	22.4	33	—	19	—	82	0	356	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL											03	8	16	3	5	7	Ac, As	10.8	-1.8	24.0	30	-1	22	+1	89	2	559	661	176
WAU											01	—	16	2	1	4	—	10.0	-1.4	25.0	32	0	22	+2	90	0	830	877	177
JUBA											01	8	30	2	1	4	Ac	11.3	-1.5	22.4	28	-3	20	-2	91	1	819	748	178

UPPER WINDS ON 20th

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

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 8 h. m.	CAIRO h. m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 2 h. m.	KAREIMA 3 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	Rsaco A.P. 7 h. m.	Salum 19th 13 h. m.
02.34.20	02.31.30	02.31.20		02.34.15	02.34.30	02.36.10	03.03.30	06.01.35	06.16.50	06.15.30	07.26.20	06.19.15	02.27.15	02.35.40
05.34.40	05.31.35	05.30.20		05.36.10	05.33.35	05.35.40	06.d.40	10.35.30	10.19.50	10.17.35	10.27.30	10.17.10	05.31.20	05.32.20
10.34.25	09.32.30	10.29.20		08.01.15	10.33.45	10.35.30	10.36.30	15.29.10	15.25.40	15.23.15	15.28.10	15.16.05	10.32.25	10.32.30
15.31.30		15.29.15		10.02.15		15.34.40	15.35.35	20.27.10	20.26.20	20.28.25	20.05.10	20.19.05	16.29.15	15.31.40
20.31.55		18.31.25		Ent. Cu		20.34.45	20.34.35	27.29.10	25.28.25	30.32.20		30.09.15		17.31.50
25.31.50						25.33.45	30.27.40			40.35.10		40.04.25		19.18.15
							35.27.30					50.05.15		
												53.07.15		

Forecast for 24 hours from noon on

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp °C on 19th	Diff. from normal
Alexandria	76	+5	23.5	+1.1
Ezbekiya	60	-2	22.0	-0.9
Giza	66	+2	22.5	+0.1
Helwan	59	+7	20.8	+0.6

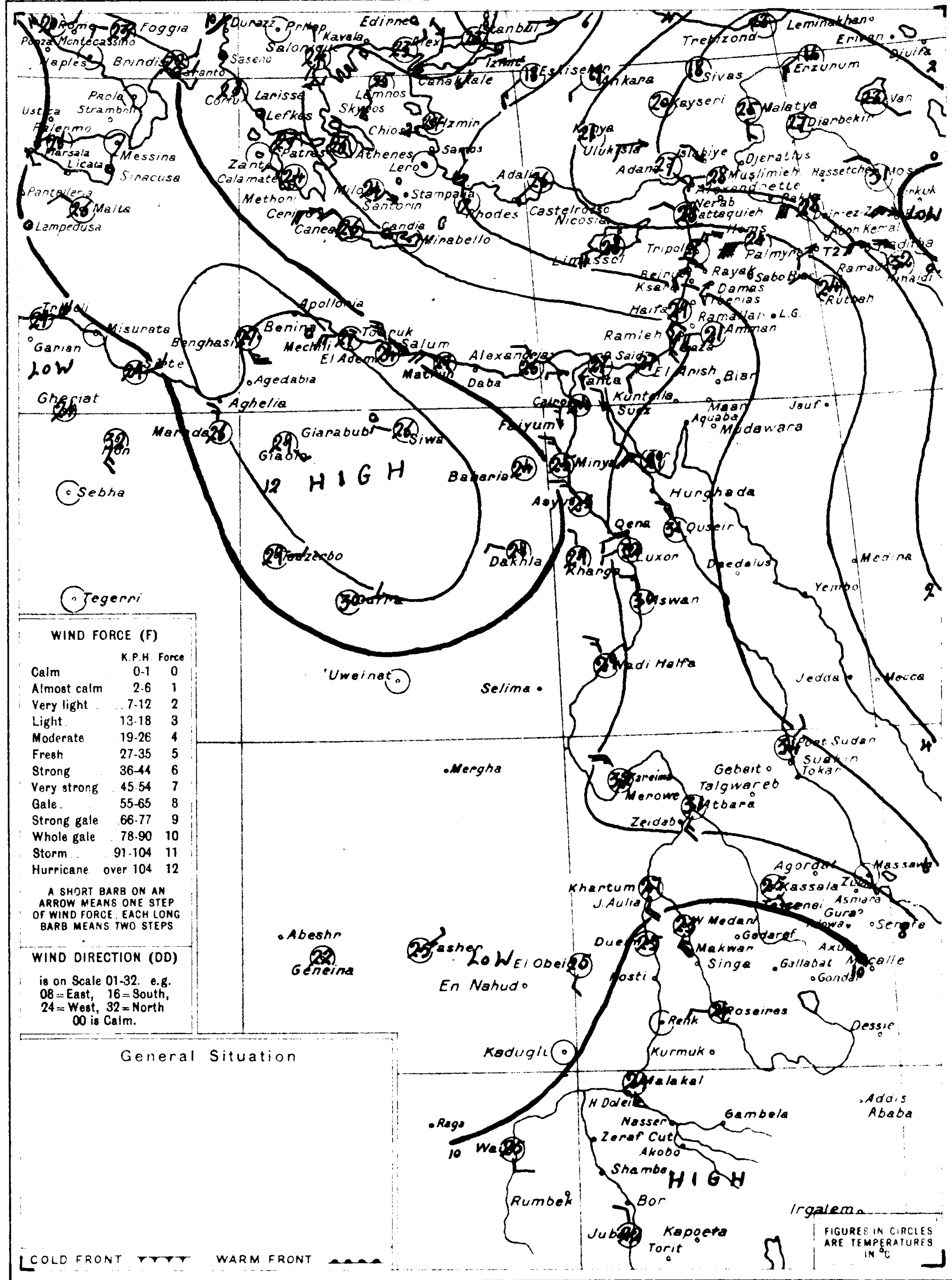
Giza Grass minimum on 20th 15.2 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
20-8	5227	8988
19-8	5087	8965

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	20-8	13.41	-0.35	13.43	-0.32
Nasser	19-8	9.77	-0.07	9.77	-0.06
Malakal	20-8	11.91	+0.08	11.90	+0.08
Roseires	20-8	19.62	+0.34	18.82	-0.45
Sennar Res.	19-8	17.21	—	17.22	—
J. Aulia U.S	19-8	376.51	—	376.48	—
J. Aulia D.S	19-8	374.34	-0.76	374.23	-0.78
Khartum	20-8	14.93	-0.52	14.78	-0.66
Kh. el Girba	19-8	13.85	-1.28	14.00	-0.35
Atbara	20-8	14.20	-0.70	14.20	-0.66
Kajnarti	20-8	139.82	-1.48	139.40	-1.50
Aswan Res.	20-8	102.92	—	102.92	—
Aswan D.S.	20-8	90.49	-1.03	90.41	-1.04
Roda (Cairo)	20-8	17.05	-0.75	16.90	-0.85

Isobars, Wind and Temperature at 8 h. 20-8-1939 ١٩٣٩-٨-٢٠



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 SCALE 1:15 000 000 200 400 600 Kms

STATION	At 8 h. on 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)	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	01	6	22	4	0	3	—	4.4	-3.9	28	—	—	—	—	—	0	610	465
Haifa	01	—	18	3	—	3	—	7.4	+0.5	29.3	31	0	25	+3	54	0	559	648
El Kharga A.S.	00	8	32	1	0	0	—	8.5	+0.8	29.4	39	0	22	0	38	0	dr	tr
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	15
Rain in past hour	20-22
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thin	42
Fog in patches	40
Drizzle	50-59
Rain	60-68
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 26 m

" " Sunset 18 h 31 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 — ١٩٣٩ أغسطس شهر

1417 F.C.

At 14 h. on 20 Aug. الساعة ١٤ يوم ٢٠ — At 8 h. on MONDAY 21 Aug. الساعة ٨ يوم الاثنين ٢١

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESS M.S.L. 1000+ m.b.s.	TEMP. °C	% HUMIDITY	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL 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				
SALUM	01	7	02	6	0	1	Cu	10.3	28.1	71	00	7	16	2	0	0	—	9.3	-2.2	26.5	31	—	22	—	57	0	182	—	130
MATRUH	00	7	28	5	0	0	—	9.8	26.9	92	00	7	24	1	0	0	—	9.3	-1.6	—	28	0	21	0	—	0	122	160	131
DIKHEILA	01	8	30	4	1	3	Sc	9.9	26.9	84	05	7	20	2	0	2	St	9.9	—	26.6	28	—	21	—	80	0	94	—	150
ALEXANDRIA	01	9	28	4	2	3	Ac	9.1	28.7	62	00	9	20	1	0	0	—	9.0	-2.0	27.0	30	-1	24	+1	69	0	166	185	132
DAMIETTA											04	7	22	1	0	0	—	8.3	—	26.1	30	—	21	—	79	0	70	107	159
PORT SAID	00	7	30	3	1	0	—	7.9	32.0	56	01	8	28	3	1	3	Cu	9.0	+0.1	26.8	33	+2	24	+1	72	0	64	81	134
EL 'ARISH	00	7	30	3	1	0	—	7.8	29.2	75	01	7	20	1	1	3	Cu	8.3	—	28.1	30	—	20	—	77	0	130	93	135
DAMANHUR											00	8	20	2	0	0	—	8.3	-1.9	26.7	32	-1	20	+1	74	0	29	103	136
MANSURA											00	8	24	1	0	0	—	8.7	—	26.2	33	-2	20	-1	74	0	46	55	137
TANTA	01	8	28	1	0	3	Cu	8.4	32.0	46	00	8	00	0	0	0	—	9.6	-1.2	24.4	32	-3	19	-1	90	0	41	43	138
ZAGAZIG	01	8	20	1	1	1	—	8.4	32.4	44	01	8	22	1	1	1	—	9.5	—	26.9	33	-2	18	-1	77	0	31	29	139
CAIRO ALMAZA	01	8	28	3	0	1	Cu	—	31.8	51	01	7	06	2	0	3	Sc	9.9	—	25.0	33	—	21	—	78	0	18	—	141
" EZBEKIYA	00	8	30	1	0	0	—	7.7	33.0	39	01	6	30	1	0	3	Cu	9.0	-1.3	25.5	35	+1	22	+1	76	0	23	28	—
" GIZA	00	8	30	1	0	0	—	8.2	32.8	39	08	4	00	0	4	4	Cu	9.1	-1.4	23.4	34	0	18	-1	88	0	23	28	—
HELWAN	05	7	26	2	0	0	—	7.6	32.1	36	01	6	02	2	1	2	Cu	9.1	-1.2	24.6	33	-1	20	-1	73	0	26	29	143
SUEZ	00	9	02	2	0	0	—	7.5	32.3	33	01	7	28	2	1	3	Cu	8.8	-0.8	25.9	34	-2	23	0	77	0	27	18	144
FAIYUM	00	8	32	4	0	0	—	8.0	32.5	38	00	8	32	2	0	0	—	9.0	-1.6	25.0	35	-1	20	-1	77	0	7	8	153
MINYA	00	5	02	4	1	0	—	8.2	32.5	39	00	7	30	3	0	0	—	8.8	-0.8	25.5	34	-1	21	0	71	0	4	—	154
ASYUT	00	7	26	4	0	0	—	7.4	33.2	28	00	6	30	3	0	0	—	8.4	-0.8	25.5	35	-1	20	-3	67	0	2	4	155
QENA	00	8	22	4	0	0	—	5.1	38.6	22	00	8	22	4	0	0	—	6.2	-1.4	29.7	41	+2	24	+1	47	0	dr.	—	156
LUXOR	00	8	30	2	0	0	—	5.8	36.8	30	00	8	10	1	0	0	—	6.8	—	31.9	38	—	21	—	45	0	dr.	—	157
ASWAN	00	7	32	5	0	0	—	4.4	37.0	21	02	7	32	4	1	5	Cu	5.5	-2.3	29.0	39	-2	24	-1	42	0	1		158
SIWA	00	8	28	1	0	0	—	11.4	34.1	62	00	8	00	0	0	0	—	9.9	-1.4	31.1	38	+1	20	0	71	0	7	8	148
BAHARIYA	00	9	24	1	0	0	—	9.8	35.0	28	00	9	00	0	0	0	—	9.6	—	27.0	35	—	19	—	63	0	1	—	149
KHARGA	00	8	32	3	0	0	—	5.5	37.2	26	00	8	28	2	0	0	—	8.4	-0.5	28.8	37	-2	26	+4	35	0	dr.	Tr.	151
DAKHLA	00	7	30	4	0	0	—	10.4	35.8	19	00	8	28	2	0	0	—	10.0	0.0	27.2	36	-3	23	0	36	0	dr.	—	152
TOR	00	6	28	6	0	0	—	4.7	29.7	73	00	6	28	5	0	0	—	5.1	-1.6	28.5	32	-2	27	+3	74	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	5.1	33.0	51	00	9	30	3	0	0	—	6.2	-0.9	29.9	34	-1	24	-1	62	0	—	—	146
QUSEIR	01	7	02	3	0	1	Cu	5.6	30.4	63	00	7	32	3	0	0	—	5.9	-1.0	31.3	32	-2	26	-1	45	0	Tr.	6	147
PORT SUDAN											00	—	32	2	0	0	—	5.5	-0.7	35.3	37	-3	30	+2	38	0	81	121	169
WADI HALFA											02	8	32	2	1	5	Cs	7.3	-1.4	28.8	40	0	23	0	29	—	—	—	165
KAREIMA											03	8	32	4	1	6	Cs	6.8	-1.7	32.4	41	0	26	0	19	0	13	25	166
'ATBARA											00	—	32	2	0	0	—	6.7	-1.5	33.0	41	+1	27	+2	24	0	52	61	167
KHARTUM											03	8	20	3	1	7	Ac	6.6	-2.8	29.2	37	0	26	+1	58	0	59	110	168
KASSALA											00	8	14	2	0	0	—	7.6	-4.0	27.4	31	-3	24	+2	63	0	282	233	170
WAD MEDANI											00	—	20	4	0	0	—	8.0	-2.7	26.7	33	-2	22	+1	12	0	408	284	171
DUEIM											01	—	—	2	1	4	—	8.7	-2.3	26.8	34	0	23	+1	77	0	295	218	173
RENK																													182
ROSEIRES											02	—	14	1	0	4	—	9.0	-2.8	25.7	32	0	20	-1	81	0	536	552	172
EL OBEID											03	8	20	1	1	7	Ac	7.5	-4.4	25.5	30	-3	22	+1	68	dr.	246	231	174
EL FASHER											03	8	08	1	1	6	Ac/Cs	—	—	24.5	37	+4	22	+2	69	0	284	241	175
GENEINA											02	8	16	3	1	5	Cu	—	—	24.3	36	—	22	—	83	0	355	—	179
KADUGLI																													187
MALAKAL											03	8	20	2	1	6	As,Ns	9.9	-2.7	23.4	33	+2	22	+1	94	3	562	667	176
WAU											03	—	12	2	6	7	—	9.6	-1.8	24.0	35	+1	21	+1	86	3	833	884	177
JUBA											02	8	00	0	1	5	Sc	10.3	-2.4	23.7	32	+1	22	+2	83	0	819	751	178

UPPER WINDS ON 21 Aug. 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	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	P. SAID (A.P.) SALUM 24
7 h. m.	8 h. m.	8 h. m.	8 h. m.	8 h. 30 m.	7 h. m.	7 h. m.	4 h. m.	4 h. m.	8 h. m.	1 h. m.	7 h. m.	7 h. m.	13 h. m.
02.00.00	02.23.10	01.25.10	02.07.05	02.01.10	02.32.20	02.36.15	03.03.15	06.01.40	06.22.30	06.19.25	07.25.25	06.26.10	02.28.10	02.03.40
05.20.05	05.26.10	02.27.10	05.03.15	05.56.05	05.35.45	05.36.40	06.01.45	10.36.25	10.24.35	10.20.20	10.21.30	10.19.15	05.34.10	05.32.40
10.24.15	06.30.05	05.31.05	10.36.25	06.01.25	10.36.40	10.02.20	10.01.35	15.36.15	15.26.25	15.28.15	15.15.10	15.19.20	10.35.15	10.27.30
15.26.35	10.33.15	10.55.15	15.36.50	10.36.35		15.32.10	15.34.20	20.29.05	20.35.25	20.35.10	20.04.15	20.18.15	15.33.20	15.28.25
20.27.55	15.29.25	13.35.15		15.35.55		20.29.10	20.04.15	30.32.05		30.01.10	30.05.30	30.09.25	20.34.25	20.31.45
25.28.60		14.34.30		20.34.60			30.27.05	33.28.05		40.02.05	40.06.40	40.07.20		
26.29.60		15.31.45		23.34.60			40.23.15			50.04.10		50.04.10		
		20.32.55										53.06.20		
		25.32.70												
		29.32.15												

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

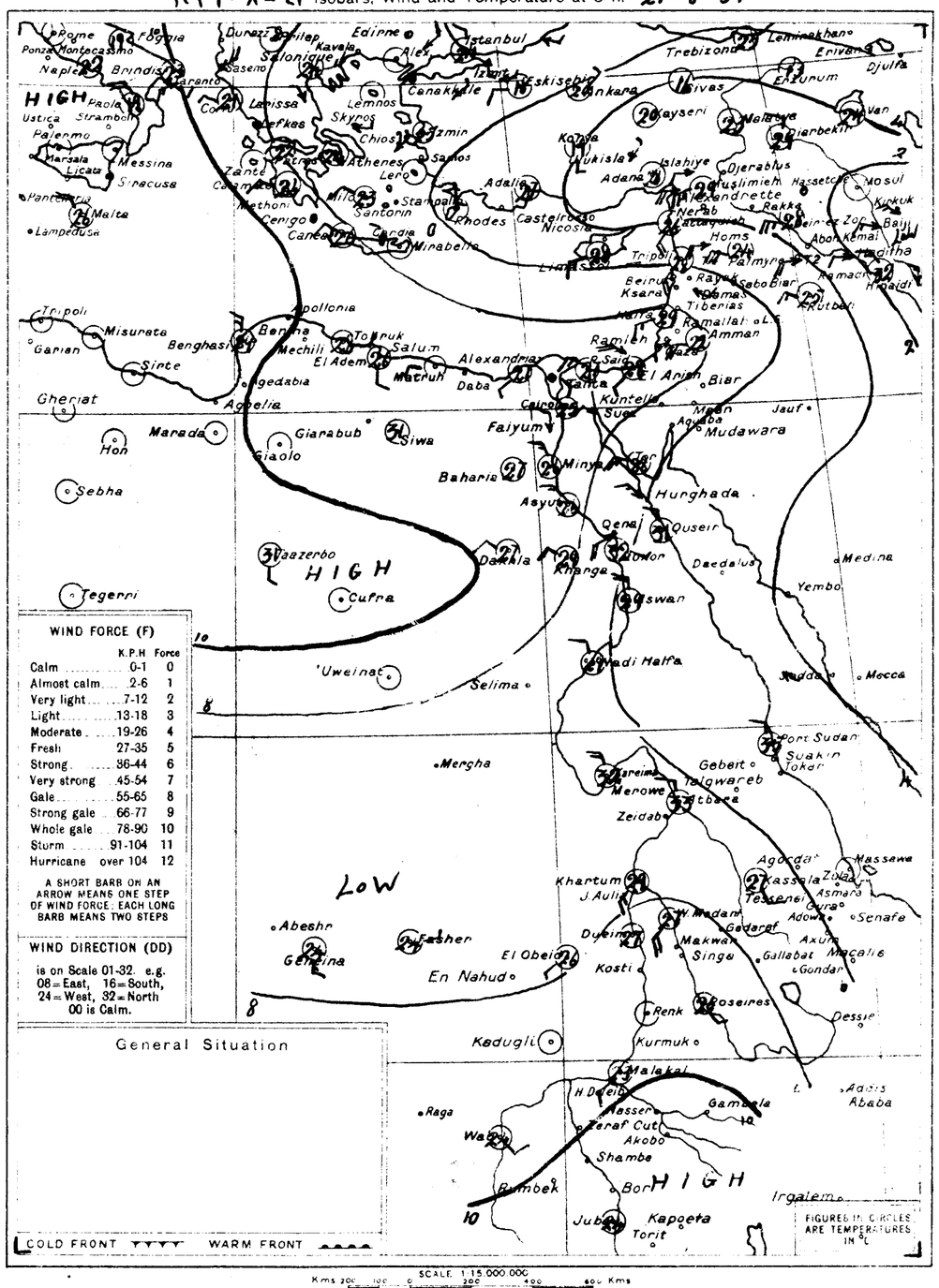
STATION	Mean of day HUMIDITY % on 20 Aug.	Mean of day HUMIDITY % Diff. from normal	Mean of day WET BULB TEMP °C on 20 Aug.	Mean of day WET BULB TEMP °C Diff. from normal
Alexandria	71	0	22.8	+0.4
Ezbekiya	61	-1	22.5	-0.4
Giza	69	+4	22.5	+0.1
Helwan	67	+15	21.9	+1.7

Giza Grass minimum on 21 Aug. 14.0 °C

Discharges at Aswan measured by siphons m.³ per sec

DATE	1939	1938
21-8	5367	9514
20-8	5227	8998

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	20-8	13.41	-0.35	13.43	-0.32
Nasser	20-8	9.78	-0.07	9.77	-0.07
Malakal	21-8	11.92	+0.08	11.91	+0.08
Roseires	21-8	19.50	+0.22	19.62	+0.34
Sennar Res.	19-8	17.21	—	17.22	—
J. Aulia U.S	20-8	376.54	—	376.51	—
J. Aulia D.S	20-8	374.38	-0.76	374.34	-0.76
Khartum	20-8	14.93	-0.52	14.78	-0.65
Kh. el Girba	20-8	14.15	-0.16	13.05	-1.28
'Atbara	20-8	14.20	-0.70	14.20	-0.46
Kajnarti	20-8	139.52	-1.48	139.40	-1.50
Aswan Res.	21-8	182.92	—	182.92	—
Aswan D.S.	21-8	90.60	-1.00	90.89	-1.03
Roda (Cairo)	21-8	17.14	-0.75	17.05	-0.75



General Situation

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 OR 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.

PRESENT WEATHER (w w)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	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	16
Rain in past hour	20-29
Slight Thunderstorm	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick " " "	42
Fog in patches	45
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68 69
Snow	70-79
Showers	80-89
" of Snow	83 84
" of Sleet	85 86
" of Hail	88 89
Thunderstorm	90-99
" ended now: Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 21 Aug. الساعة ٨ يوم ٢١

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU			
Limassol	00	1	22	3	0	0	—	5.1	-3.3	28	—	—	—	—	—	0	610	465
Haifa	02	—	22	3	—	4	—	8.0	+1.0	28.6	32	+1	25	+3	55	0	559	648
SHIPS سفن																		

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 05 h. 27 m.
" " Sunset 18 h. 29 m.

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS . PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 21st الساعة ١٤ يوم ٢١ — At 8 h. on TUESDAY 22nd الثلاثاء ٢٢ 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. 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	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	00	7	04	6	0	0	—	7.6	26.4	73	00	7	30	4	0	0	—	11.4	-0.2	24.3	30	—	20	—	78	0	182	—	130
MATRÛH	00	7	04	2	0	0	—	7.9	29.2	78	02	7	26	4	1	5	Cu	10.4	-0.6	26.1	29	+1	21	0	86	0	122	160	131
DIKHEILA	00	8	28	2	0	0	—	9.8	27.1	83	01	8	28	2	1	4	Sc	10.2	—	26.7	28	—	21	—	80	0	94	—	150
ALEXANDRIA	00	9	28	3	0	0	—	9.1	29.8	61	02	9	28	1	2	4	Ac	9.4	-1.7	26.4	30	-1	24	+1	73	0	166	185	132
DAMIETTA											01	8	28	2	0	2	Cu	8.3	—	26.8	31	—	22	—	76	0	70	107	159
PORT SAÏD	00	8	28	2	0	0	—	8.7	31.5	55	01	7	28	2	1	3	Ac	8.8	-0.2	27.6	33	+2	24	+1	75	0	64	81	134
EL 'ARÎSH	00	7	30	3	1	0	—	8.3	29.4	75	00	7	00	0	0	0	—	8.6	—	29.0	30	—	19	—	65	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											00	8	24	1	0	0	—	9.1	-1.2	28.0	34	+1	21	+2	71	0	29	103	136
MANṢÛRA											00	8	32	2	0	0	—	9.0	—	26.5	35	0	22	+1	69	0	46	55	137
TANTA	00	8	28	1	0	0	—	8.8	33.4	41	00	8	00	0	0	0	—	9.6	-1.4	26.0	34	-1	19	-1	75	0	41	43	138
ZAGÂZIG	00	8	30	1	0	0	—	8.6	32.9	44	00	8	30	1	0	0	—	9.4	—	28.4	33	-2	21	+2	74	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	30	2	0	0	—	9.1	33.0	28	05	6	04	1	0	0	—	9.6	—	27.8	34	—	24	—	53	0	18	—	141
CAIRO EZBEKÎYA	00	7	32	2	0	0	—	8.4	33.6	33	00	6	30	1	0	0	—	9.0	-1.3	27.9	35	+1	23	+2	61	0	23	28	—
CAIRO GÎZA	00	7	32	2	0	0	—	8.0	33.4	35	00	6	00	0	0	0	—	9.3	-1.2	25.5	34	0	20	+1	73	0	23	28	—
HELWÂN	00	7	30	3	0	0	—	7.6	33.0	23	05	5	30	1	0	0	—	9.0	-1.4	26.9	35	+1	24	+3	57	0	26	29	143
SUEZ	00	9	32	3	0	0	—	7.5	32.4	36	00	8	00	0	0	0	—	8.7	-1.0	28.2	36	0	23	0	50	0	27	18	144
UPPER EGYPT																													
FAIYÛM	00	8	30	2	0	0	—	7.6	34.0	29	00	7	00	0	0	0	—	8.7	-2.0	29.5	36	0	21	0	40	0	7	8	153
MINYA	00	6	30	4	0	0	—	7.5	34.5	31	00	9	00	0	0	0	—	8.6	-1.1	29.2	36	+1	23	+2	45	0	4	—	154
ASYÛT	00	7	30	4	1	0	—	5.8	35.7	22	00	6	04	1	0	0	—	8.3	-1.0	30.5	37	+1	23	0	48	0	2	4	155
QENA	02	8	26	2	1	4	Ac	4.0	40.6	24	01	8	26	1	1	3	Ac	7.0	-0.7	30.6	42	+3	24	+1	44	0	dr.	—	156
LUXOR	01	8	30	2	0	2	Ci	4.4	39.3	25	01	8	24	1	0	2	Ci	8.0	—	30.9	41	—	21	—	43	0	dr.	—	157
ASWÂN	02	7	32	5	1	5	Ci	3.0	39.0	25	00	7	32	3	0	0	—	7.2	-0.7	31.0	41	0	27	+2	30	0	1	—	158
WESTERN DESERT																													
SÎWA	00	8	22	1	0	0	—	11.1	40.0	42	00	8	08	1	0	0	—	11.1	-0.2	29.0	43	+6	23	+3	71	0	7	8	148
BAHARÎYA	00	9	32	1	0	0	—	8.3	37.0	18	00	9	00	0	0	0	—	—	—	32.0	38	—	23	—	30	0	1	—	149
KHÂRGA	00	8	32	3	0	0	—	7.1	36.8	27	00	8	00	0	0	0	—	8.2	-0.8	33.2	38	-1	25	+4	32	0	dr.	tr.	151
DÂKHLA	00	7	02	4	0	0	—	8.6	37.0	18	00	8	00	0	0	0	—	10.2	+0.1	26.6	38	-1	23	+1	39	0	dr.	—	152
RED SEA																													
TÔR	00	6	28	6	0	0	—	4.2	30.5	61	00	6	28	5	0	0	—	—	—	29.0	34	0	26	+2	71	0	20	13	145
HURGHADA	01	9	34	4	1	3	Ci	5.0	33.5	50	00	9	02	1	0	0	—	6.8	-0.4	31.4	34	-1	25	0	49	0	1	—	146
QUṢEIR	01	7	32	3	0	1	Ci	5.1	32.3	44	01	7	32	3	0	1	Ci	6.6	-0.4	32.4	34	0	26	-1	36	0	tr.	6	147
PORT SUDAN											03	—	12	2	3	7	—	7.1	+0.8	34.2	37	-3	29	+1	54	0	81	121	169
NORTH SUDAN																													
WÂDI HALFA											01	8	02	3	1	4	Cs	7.9	-0.9	29.7	41	+1	25	+2	30	0	—	—	165
KAREIMA											01	8	30	2	1	4	Ac	6.3	-2.2	33.3	41	0	26	0	16	0	13	25	166
'ATBARA																												62	167
KHARTÛM											03	8	18	3	1	6	Ac,As	9.4	0.0	26.0	40	+3	24	-1	69	0	59	112	168
KASSALA											01	8	14	3	1	4	Ac	10.2	-1.4	24.0	33	-1	19	-3	75	14	296	237	170
CENTRAL SUDAN																													
WAD MEDANI											03	—	14	5	6	7	—	10.7	0.0	23.4	35	0	20	-1	88	2	410	285	171
DUEIM											03	—	—	4	6	7	—	9.1	-1.9	22.4	36	+2	20	-2	86	12	307	219	173
RENK																			—			—		—					182
ROṢEIRES											03	—	10	1	6	7	—	12.2	+0.4	22.5	35	+3	20	-1	91	62	598	559	172
EL OBEID											03	8	10	5	1	7	St	—	—	24.0	33	0	23	+2	75	0	246	235	174
EL FÂSHER											01	8	12	1	1	3	Ac,Ci	—	—	24.0	36	+3	23	+3	83	0	284	246	175
GENEINA											01	8	00	0	1	4	Ac	—	—	20.2	35	—	19	—	96	dr.	355	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											52	8	32	3	5	8	St	13.5	+0.9	22.7	33	+2	22	+1	98	8	570	673	176
WÂU											03	—	20	1	1	7	—	11.3	-0.1	23.5	30	-2	22	+2	87	0	833	891	177
JÛBA											03	8	20	1	2	8	St	13.1	+0.4	22.3	31	-1	21	+1	99	dr.	819	754	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 7h.	MATRÛH 7h.	DIKHEILA 7h.	CAIRO 8h.	HELWÂN 8h. 30m.	ASYÛT 7h.	ASWÂN 7h.	WÂDI HALFA 4h.	KAREIMA 7h.	KHARTÛM 7h.	KASSALA 7h.	EL OBEID 7h.	MALAKÂL 6h.	P.Sudan A.P. 7h.	SALUM 21st 13h.
02.34.25	02.31.20	02.31.15	02.33.15	02.32.20	02.00.00	02.01.20	03.02.30	06.34.20	06.17.40	06.18.25	07.13.35	06.32.15	04.28.10	02.05.20
05.36.30	05.31.35	05.31.15	05.33.15	05.33.15	05.04.25	05.01.25	06.03.65	10.28.10	10.20.50	10.17.25	09.14.25	10.28.30	05.30.10	03.06.10
10.35.30	10.33.50	10.30.20	10.33.10	08.34.10	10.35.25	10.04.25	10.02.35	15.21.15	15.24.45	15.15.05		15.28.30	10.31.20	04.22.05
15.34.40		11.31.20	15.32.20	10.34.10	15.34.45	15.34.15	15.01.15	20.19.25	20.34.15	20.10.05		20.27.15	14.27.15	05.25.30
20.32.50			16.28.40	15.28.25	20.35.50	20.30.10	20.01.05	25.19.20	30.05.25	30.06.05		30.21.15		10.25.45
25.31.65			20.30.40	19.28.35		25.35.20	30.03.10	30.— —	40.07.35			36.15.15		15.25.55
30.30.65							40.23.15	40.04.30	50.07.60					20.27.55
31.30.50							50.24.10	50.09.35	60.05.65					
								60.08.25	63.05.60					
								65.11.25						

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 21st	Diff. from normal	Wet Bulb Temp. °C on 21st	Diff. from normal
Alexandria	70	0	23.4	+1.1
Ezbekîya	58	-5	22.4	-0.5
Gîza	70	+5	22.1	-0.3
Helwân	51	-1	20.4	+0.3

Gîza Grass minimum on 22nd 15.0 °C

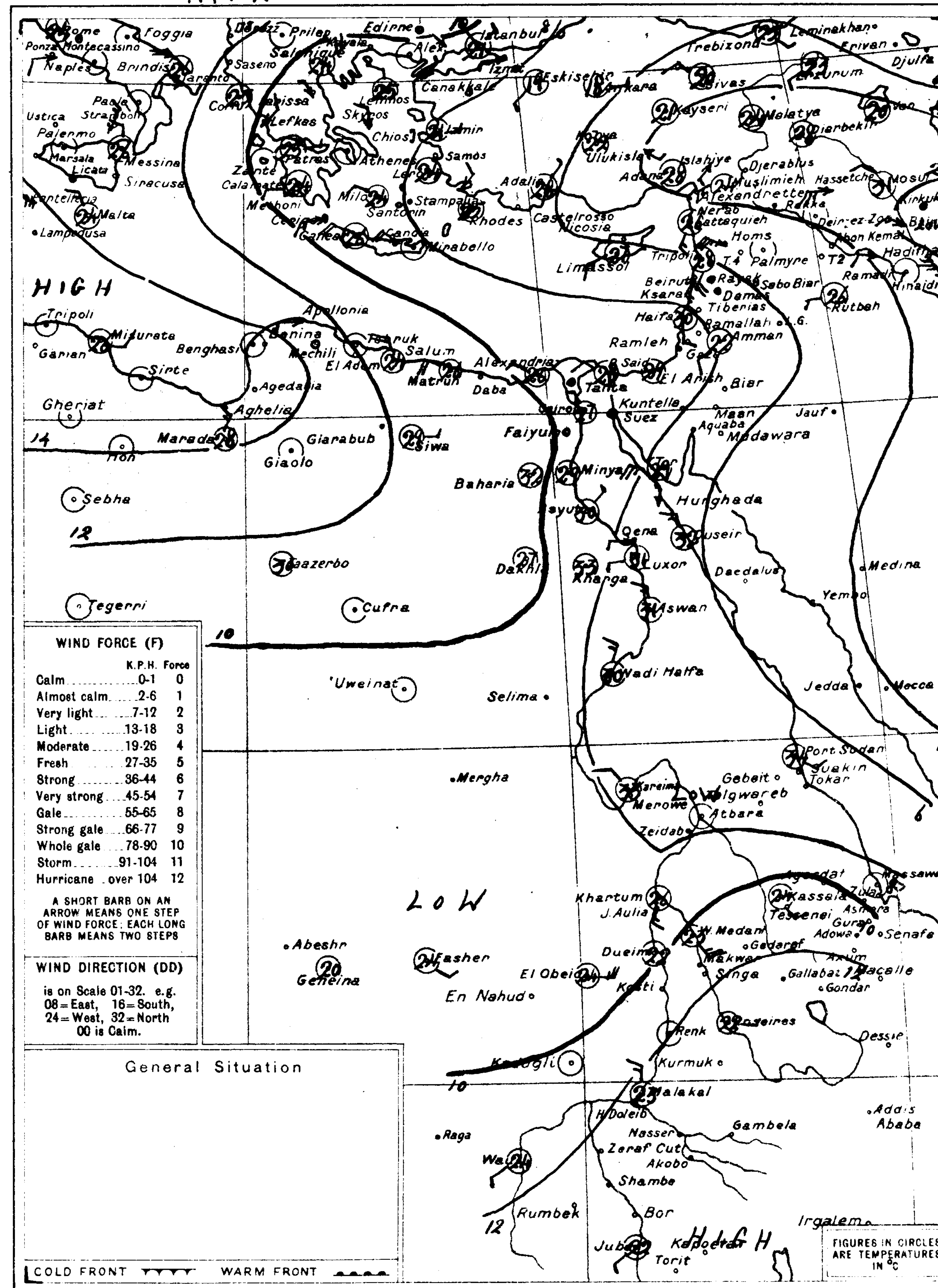
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
22-8	6082	10328
21-8	5367	9514

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22-8	13.52	-0.24	13.50	-0.26
Nâsser	21-8	9.79	-0.08	9.78	-0.07
Malakâl	22-8	11.94	+0.09	11.92	+0.08
Roṣeires	22-8	18.90	-0.38	19.50	+0.22
Sennâr Res.	21-8	17.21	—	17.21	—
J. Aulia U.S	22-8	376.52	—	376.51	—
J. Aulia D.S	22-8	374.64	-0.56	374.56	-0.61
Khartûm	22-8	15.07	-0.47	14.91	-0.59
Kh. el Girba	21-8	14.00	-0.30	14.15	-0.16
'Atbara	21-8	14.25	-0.67	14.20	-0.70
Kajnarti	21-8	139.76	-1.34	139.52	-1.48
Aswân Res.	22-8	102.30	—	102.92	—
Aswân D.S.	22-8	91.12	-0.56	90.60	-1.00
Rôda (Cairo)	22-8	17.28	-0.72	17.14	-0.75

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

١٩٣٩-٨-٢٢ Isobars, Wind and Temperature at 8 h. 22-8-1939



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 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	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	09	7	22	3	0	0	—	6.0	-2.6	27	—	—	—	—	—	0	610	465
Haifa	01	—	16	2	—	3	—	8.8	+1.7	29.5	31	0	24	+2	54	0	559	648
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. 27 m.
" " Sunset 18 28

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

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. WEDNESDAY 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	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	00	8	02	6	0	0	—	11.0	28.1	70	01	7	32	4	1	3	Cu	13.3	+1.6	24.9	33	—	21	—	75	0	182	—	130
MATRŪH	00	7	28	5	0	0	—	10.2	27.3	94	02	7	26	4	2	5	Cu	11.8	+0.6	26.8	28	0	25	+4	90	0	122	160	131
DIKHEILA	01	8	28	3	1	4	Cu	10.4	27.2	84	02	8	26	3	1	4	Sc	11.5	—	26.3	28	—	25	—	86	0	94	—	150
ALEXANDRIA	02	9	28	4	2	4	Ac	9.6	28.1	66	02	9	28	3	2	5	Ac	11.1	-0.1	26.4	30	-1	25	+2	73	0	166	185	132
DAMIETTA											01	8	20	1	0	3	Cu	9.5	—	27.0	30	—	21	—	76	0	70	107	159
PORT SAĪD	00	7	30	3	1	0	—	8.4	32.5	56	01	8	24	3	1	3	Cu	10.3	+1.2	26.2	33	12	24	+1	77	0	64	81	134
EL 'ARISH	00	7	30	3	0	0	—	8.4	29.7	74	01	7	20	2	1	3	Cu	9.9	—	27.8	31	—	23	—	69	0	130	73	135
DAMANHŪR											01	8	24	2	1	1	Ci	9.9	-0.5	27.4	32	-1	21	+2	72	0	29	103	136
MANṢURA											00	8	24	2	0	0	—	10.6	—	26.5	34	-1	22	+1	73	0	46	55	137
TANTA	01	7	00	0	1	2	Ac	9.0	32.5	47	00	7	28	2	0	0	—	11.0	-0.1	26.0	33	-2	20	0	80	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	8.6	33.4	50	00	8	24	2	0	0	—	11.2	—	26.4	34	-1	19	0	75	0	31	29	139
CAIRO: ALMAZA	00	8	26	3	0	0	—	8.8	34.0	34	05	6	22	2	1	5	Sc	11.9	—	25.6	35	—	22	—	73	0	18	—	141
EZBEKIYA	00	8	28	1	0	0	—	8.3	35.2	35	01	6	24	1	0	3	Cu	11.4	+1.0	25.7	36	+2	22	+1	77	0	23	28	—
GIZA	00	8	28	1	0	0	—	8.3	35.2	28	01	7	00	0	2	4	Ac	11.2	+0.6	24.3	35	+1	20	+1	84	0	23	28	—
HELWĀN	00	8	26	3	0	0	—	7.8	34.3	30	09	4	00	0	2	6	Cu	11.8	+1.3	24.1	35	+1	22	+1	83	0	26	29	143
SUEZ	00	9	32	3	0	0	—	7.4	35.7	35	01	8	32	1	1	4	Cu	11.0	+1.2	26.6	38	+2	23	0	64	0	27	18	144
FAIYŪM	00	8	30	2	0	0	—	7.6	37.6	32	02	7	30	2	0	4	Cu	11.6	+0.7	26.3	39	+3	23	+2	72	0	7	8	153
MINYA	00	8	02	2	0	0	—	6.7	36.9	27	00	8	30	2	0	0	—	11.4	+1.6	25.8	38	+3	23	+2	70	0	4	—	154
ASYUT	00	7	26	3	0	0	—	6.7	38.7	22	00	7	30	2	0	0	—	10.7	+1.3	26.8	40	+4	23	0	57	0	2	4	155
QENA	00	8	30	3	1	0	—	5.1	42.0	24	00	—	26	2	0	0	—	8.6	+0.8	32.2	44	+5	29	+6	36	0	dr.	—	156
LUXOR	00	8	22	2	0	0	—	5.0	42.0	—	00	8	26	1	0	0	—	—	—	34.8	44	—	25	—	31	0	dr.	—	157
ASWAN	00	7	30	4	0	0	—	3.4	41.4	23	00	7	32	5	0	0	—	8.2	+0.2	32.0	43	+2	28	+3	38	0	1	—	158
SIWA	00	8	28	1	0	0	—	10.3	38.3	44	00	8	00	0	0	0	—	14.6	+3.2	29.8	40	+3	19	-1	66	0	7	8	145
BAHARIYA	00	9	00	0	0	0	—	6.4	40.0	18	00	9	32	1	0	0	—	12.2	—	25.0	40	—	21	—	76	0	1	—	149
KHARGA	00	8	08	1	0	0	—	5.9	42.8	21	00	8	32	3	0	0	—	10.2	+1.1	30.4	43	+4	27	+5	34	0	dr.	tr.	151
DAKHLA	00	8	04	2	0	0	—	7.9	39.9	19	00	8	02	2	0	0	—	12.4	+2.2	30.7	43	+4	26	+4	28	0	dr.	—	152
TOR	00	6	28	6	0	0	—	3.9	35.0	42	00	6	28	5	0	0	—	8.0	+1.2	28.0	38	+4	27	+3	77	0	20	13	145
HURGHADA	00	9	04	3	0	0	—	5.4	35.2	49	00	9	30	5	0	0	—	8.3	+1.1	28.4	37	+2	27	+2	64	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	5.6	32.4	47	00	6	32	3	0	0	—	7.4	+0.3	31.8	35	+1	28	+1	50	0	tr.	6	147
PORT SUDAN											00	—	02	2	0	0	—	7.4	+1.1	36.4	38	-2	29	+1	30	0	81	121	169
WĀDI HALFA											00	8	32	2	0	0	—	8.0	-0.8	31.0	43	+3	25	+2	27	—	—	—	165
KAREIMA											02	8	16	2	1	5	Ac	7.1	-1.4	32.2	42	+1	28	+2	32	0	13	26	166
'ATBARA											00	—	18	4	0	0	—	8.8	+0.6	31.0	41	+1	28	+3	45	0	52	64	167
KHARTŪM											02	8	18	3	1	5	Ns	9.7	+0.3	27.7	37	0	26	+1	63	0	59	114	168
KASSALA											01	8	14	3	1	4	Cu	11.5	-0.1	24.7	31	-3	22	0	68	0	296	240	170
CENTRAL SUDAN: WAD MEDANI											01	—	18	5	1	4	—	11.1	+0.4	25.0	32	-3	22	+1	81	0	410	289	171
DUEIM											03	—	—	3	2	7	—	11.5	+0.5	24.4	39?	+4	21	-1	85	0	307	223	173
RENK																													182
ROSEIRES											01	—	12	1	1	4	—	12.7	+0.9	23.3	34	+2	21	0	87	dr.	598	566	172
EL OBEID											03	8	16	3	1	6	Ac,Cu	9.9	-1.9	25.6	33	0	24	+3	67	dr.	246	238	174
EL FĀSHER											03	8	12	2	1	7	St	—	—	23.8	34	+1	22	+2	76	4	288	251	175
GENEINA											01	8	16	1	1	4	Ac	—	—	22.6	36	—	19	—	83	0	355	—	179
KADUGLI																													187
S. SUDAN: MALAKĀL											03	8	16	3	1	6	Ac,As	13.1	+0.5	23.6	30	-1	21	0	91	dr.	570	679	176
WĀU											03	—	16	2	1	7	—	11.6	+0.2	24.0	31	-1	22	+2	87	0	833	898	177
JUBA											02	8	30	2	2	5	Cu,Sc	13.5	+0.8	22.7	28	-4	21	+1	91	9	828	757	178

UPPER WINDS ON 23rd

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

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 4 h.	KHARTŪM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	P. Said A.P. 7 h.	SALUM 22nd 13 h.
02.34.20	02.31.20	02.32.70	05.34.15	02.31.10	02.01.20	02.01.25	03.36.15	06.03.25	06.18.30	06.18.25	07.20.30	06.16.20	02.27.15	02.35.30
05.34.35	05.30.20	05.32.70	10.35.15	05.31.15	05.01.30	05.01.40	06.01.15	10.03.25	10.20.50	10.22.30	10.20.50	10.18.20	05.28.15	05.32.25
10.34.35	Ent. Cu.	10.34.25	15.36.30	08.32.15	10.36.35	10.03.35	10.01.20	15.01.15	15.25.25	15.20.20	15.17.15	15.21.15	10.29.15	10.30.30
15.35.35		15.33.25	19.33.30	Ent. Cu.		15.02.35	15.01.15	20.02.15	20.32.20	20.25.10	20.08.25	20.23.05	11.30.20	15.30.45
20.32.30		20.33.25	Tail			20.02.35	20.02.20	30.08.15	30.36.25	30.33.10	30.04.30	30.10.10		19.30.50
25.33.45		22.33.30					30.02.30	38.09.20	36.07.30	31.34.20	40.05.45	36.05.20		
30.32.50							39.09.10							
35.33.45														
40.32.55														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet Bulb Temp °C on 22nd	Diff. from normal
Alexandria	73	+3	23.1	+0.8
Ezbekiya	55	-8	23.0	+0.1
Giza	64	-1	22.4	0.0
Helwān	51	-1	21.6	+1.5

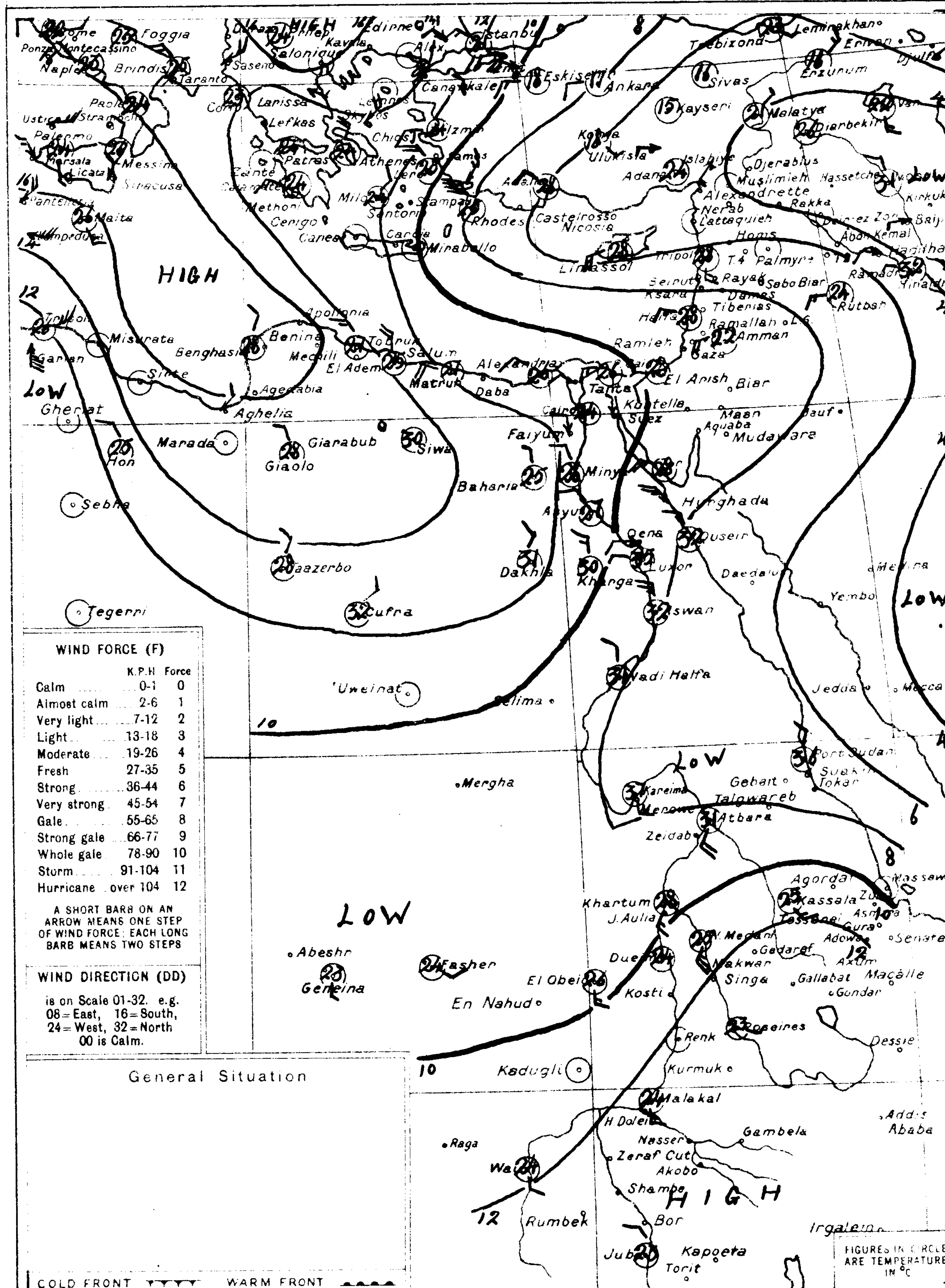
Giza Grass minimum on 23rd 14.6°C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
23-8	6200	10720
22-8	6082	10328

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	23-8	13.48	-0.28	13.52	-0.24
Nasser	22-8	9.80	-0.09	9.79	-0.08
Malakāl	23-8	11.94	+0.09	11.94	+0.09
Roseires	23-8	18.82	-0.46	18.90	-0.38
Sennār Res.	22-8	17.21	—	17.21	—
J. Aulia U.S	22-8	376.52	—	376.51	—
J. Aulia D.S	22-8	374.64	-0.56	374.56	-0.61
Khartūm	22-8	15.07	-0.47	14.91	-0.59
Kh. el Girba	22-8	13.85	-0.45	14.00	-0.30
'Atbara	23-8	14.37	-0.61	14.39	-0.56
Kajnarti	23-8	139.99	-1.24	139.98	-1.21
Aswān Res.	23-8	161.30	—	162.30	—
Aswān D.S.	23-8	91.29	-0.46	91.12	-0.56
Roda (Cairo)	23-8	17.40	-0.71	17.28	-0.7

Isobars, Wind and Temperature at 8 h. 23-8-1939 ١٩٣٩-٨-٢٣



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 ▲▲▲▲

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 MM	Max. Diff. from norm	Min. Today °C	Min. Diff. from norm	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	6	22	4	0	1	—	5.5	-3.2	28	—	—	—	—	—	0	610	465
Haifa	02	—	26	3	—	4	—	9.1	+1.8	28.2	31	0	25	+3	57	0	559	648
SHIPS																		

At 8 h. on 23rd — الساعة ٨ يوم ٢٣

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 dust or Haze	08
Distant Fog	09
Rain in sight	10
Thunder [illegible]	[illegible]
Distant Duststorm	[illegible]
Squall	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	20-22
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or thick Haze	40-49
Mod. fog in past hour	41
Thick [illegible]	42
Fog in patches	45
Drizzle	50-59
Rain	60-69
Rain & fog	[illegible]
Rain and snow	68-69
Snow	70-79
Showers	80-89
of Snow	83-84
of Sleet	[illegible]
of Hail	[illegible]
Thunderstorm	90-99
[illegible] Rain	91
[illegible]	[illegible]
[illegible] Duststorm	98
heavy [illegible]	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 05 h 27 m
" " Sunset 18 h 27 m

Month AUGUST أغسطس

At 14 h 23rd ٢٣ — At 8 h THURSDAY 24th الخميس ٢٤

Station	23rd 14h ww	V	DD	F	W	N	C	PPP	TTT	UU	24th 8h ww	V	DD	F	W	N	C	PPP	Diff	TTT	MM	Diff	mm	Diff	UU	Rain			No.
SALUM	01	8	02	7	1	3	Cu	12.8	26.7	72	01	7	30	4	0	3	Cu	14.8	+3.0	23.9	27		21		84	0	182		130
MATRUH	01	7	30	4	1	4	Cu	12.2	27.8	77	02	7	28	4	2	5	Cu	13.5	+2.2	26.8	28	0	25	+4	90	0	122	160	131
DIKHEILA	01	8	29	3	1	3	Cu	11.9	27.2	87	01	8	28	4	1	4	Cu	12.6	—	26.2	28		26		82	0	94		[illegible]
ALEXANDRIA	02	9	28	3	2	4	Ac	11.1	29.8	60	02	9	28	5	2	4	Ac	12.3	+1.0	26.6	30	-1	25	+2	63	0	166	185	[illegible]
DAMIETTA											01	8	26	3	1	3	Cu	10.6	—	26.8	29		21		68	0	70	107	[illegible]
PORT SAID	01	8	28	3	1	3	Cu	9.8	—	50	01	8	24	4	1	3	Cu	11.0	+1.8	26.8	33	+2	24	+1	72	0	64	81	[illegible]
EL ARISH	00	7	28	2	1	0	—	10.0	29.7	59	02	7	20	1	1	4	Cu	—	—	27.2	30		22		63	0	130	93	[illegible]
DAMANHUR											01	8	28	3	2	3	Cu	11.1	+0.6	26.7	32	-1	21	+2	64	0	29	103	[illegible]
MANSURA											00	8	30	2	0	0	—	11.6	—	26.0	32	-3	20	-1	70	0	46	55	[illegible]
TANTA	02	7	28	2	1	5	Cu	10.2	31.5	51	00	7	00	0	0	0	—	11.8	+0.6	26.0	32	-3	19	-1	76	0	41	43	138
ZAGAZIG	02	8	30	2	1	4	Cu	9.9	32.4	49	00	8	26	2	0	0	—	12.0	—	26.8	33	-2	19	0	72	0	31	29	139
ALMAZA	01	8	30	2	1	4	Cu	10.7	33.0	39	01	7	28	2	1	3	Cu	12.7	—	25.2	33		22		71	0	18		141
EZBEKIYA	01	8	30	3	1	4	Cu	9.9	32.9	39	01	6	30	2	0	2	Cu	12.2	+1.7	26.6	34	0	22	+1	69	0	23	28	
GIZA	01	8	30	3	1	4	Cu	9.8	33.0	39	01	8	32	1	1	4	Cu	12.4	+1.7	25.4	34	0	19	0	75	0	23	28	
HELWAN	01	8	30	2	1	3	Cu	9.9	32.1	37	05	5	28	2	1	3	Cu	12.7	+2.1	24.0	33	-1	20	-1	73	0	26	29	143
SUEZ	01	9	02	2	1	4	Cu	9.3	32.0	44	02	8	30	2	1	4	Cu	11.9	+2.1	26.7	35	-1	22	-1	65	0	27	18	144
FAIYUM	01	8	32	4	0	4	Cu	9.8	33.2	35	01	7	32	3	0	3	Cu	12.7	+1.7	25.2	35	-1	21	0	71	0	7	8	153
MINYA	00	6	28	4	0	0	—	10.3	33.9	38	00	6	02	4	0	0	—	11.9	+2.0	25.2	34	-1	22	+1	70	0	4	—	151
ASYUT	00	8	26	4	0	0	—	8.8	34.0	27	00	6	26	3	0	0	—	11.5	+2.0	26.0	35	-1	22	-1	62	0	2	4	155
QENA	00	8	26	4	0	0	—	6.7	39.3	21	00	8	22	2	0	0	—	8.8	+0.9	30.0	41	+2	27	+4	53	0	dr	—	156
LUXOR	00	8	30	3	0	0	—	—	38.0	21	00	8	30	3	0	0	—	—	—	31.0	39		25	—	47	0	dr	—	157
ASWAN	00	7	28	5	0	0	—	5.4	40.0	25	00	7	32	4	0	0	—	8.6	+0.5	29.0	41	0	25	0	40	0	1	—	158
SIWA	00	8	00	0	0	0	—	13.9	34.0	50																		8	148
BAHARIYA	00	9	32	1	0	0	—	9.8	33.0	33	00	9	32	1	0	0	—	12.4	—	24.0	35		21	—	75	0	1	—	149
KHARGA	00	8	32	3	0	0	—	7.9	38.8	26																		tr	151
DAKHLA	00	7	30	4	0	0	—	10.0	37.0	18	00	8	00	0	0	0	—	12.4	+2.1	29.1	39	0	24	+2	39	0	dr	—	152
TOR	00	6	28	6	0	0	—	5.3	30.5	63	00	6	28	3	0	0	—	8.3	+1.4	28.1	34	0	26	+2	70	0	20	13	145
HURGHADA	00	9	32	5	0	0	—	6.3	33.6	35	00	9	30	5	0	0	—	8.8	+1.5	28.4	34	-1	23	-2	58	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	6.6	32.0	49	00	7	32	4	0	0	—	8.2	+1.0	30.0	33	-1	27	0	47	0	tr	6	147
PORT SUDAN											01	—	32	2	0	4	—	7.4	+1.0	35.5	41	+1	28	0	38	0	81	121	169
WADI HALFA											01	8	02	4	0	2	Cs	8.9	0.0	29.7	43	+3	25	+2	30	—	—	—	165
KAREIMA											05	7	02	1	1	3	Ac	8.7	+0.2	32.2	44	+3	27	+1	19	0	13	26	166
ATBARA											00	—	18	3	0	0	—	8.3	+0.1	32.7	41	+1	29	+4	43	0	52	65	167
KHARTUM											02	8	20	4	1	5	Ac,Cu	9.0	-0.4	29.6	38	+1	27	+2	59	0	59	116	168
KASSALA											02	8	18	2	1	5	Ac	10.0	-1.6	23.6	32	-2	22	0	75	0	296	244	170
WAD MEDANI											00	—	16	4	0	0	—	9.5	-1.1	26.7	33	-2	23	+2	68	0	410	294	171
DUEIM											00	—	—	3	0	0	—	10.0	-1.0	26.8	33	-2	23	+1	80	0	307	226	173
RENK																												—	182
ROSEIRES											03	—	14	1	2	7	—	11.6	-0.2	21.8	32	0	20	-1	86	0	598	573	172
EL OBEID											01	8	16	3	0	4	Ci,Ac	9.3	-2.5	26.7	34	+1	24	+3	69	0	246	242	174
EL FASHER											02	8	04	1	1	5	St	—	—	26.0	34	+1	23	+3	76	dr.	288	256	175
GENEINA											02	8	24	1	1	5	Ac,As	—	—	23.0	—	—	20	—	74	dr	355	—	179
KADUGLI																												—	187
MALAKAL											01	8	16	3	1	4	Ac,Cu	11.9	-0.7	25.8	31	0	23	+2	84	0	570	685	176
WAU											60	—	20	2	6	9	—	12.0	+0.6	22.2	31	-1	21	+1	94	12	845	905	177
JUBA											03	8	00	0	1	7	Ac,As	12.4	-0.3	23.0	30	-2	20	0	91	0	828	760	178

UPPER WINDS ON 24th

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

SALUM	MATRUH	...A	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	P. Sudan	SALUM 23rd
7 h	8 h	7 h		8 h 30	8 h	7 h	3 h	4 h	7 h	7 h	7 h	7 h	7 h	13 h
02.36.30	02.34.35	02.33.30		02.32.30	02.36.20	02.01.10	03.03.35	06.02.60	06.20.35	06.19.20	07.19.25	06.18.15	02.27.25	02.02.40
05.36.15	05.33.35	05.33.30		05.34.35	05.34.20	05.01.40	06.01.55	10.03.65	10.21.55	10.19.25	10.18.20	10.18.25	05.31.20	05.34.35
10.02.20	07.34.30	10.33.35		08.35.35	10.36.50	10.02.20	10.36.45	15.04.45	15.23.30	15.25.15	15.14.15	15.16.15	08.31.20	10.31.25
15.01.30		13.33.40		10.35.30	15.36.35	15.30.10	15.34.35	19.04.35	20.31.35	20.02.10	20.09.05	20.13.20		15.32.20
20.34.20				15.35.20	20.34.55	20.19.25	20.27.20		30.34.25	29.04.35		30.11.25		20.33.25
25.34.40				20.35.35		25.22.25	30.22.30		40.31.05			40.08.35		25.31.25
30.35.60				23.35.40		30.27.75	40.25.30		50.30.10					30.32.35
				Ent.Cu.		35.22.55	46.24.30		51.30.10					
						40.24.25								
						45.24.25								

Forecast for 24 hours from noon of.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Humidity % on 23rd	Diff. from normal	Wet bulb temp °C on 23rd	Diff. from normal
Alexandria	68	-2	22.9	+0.6
Ezbekiya	63	0	22.6	-0.2
Giza	70	+5	22.5	+0.2
Helwan	65	+13	21.6	+1.5

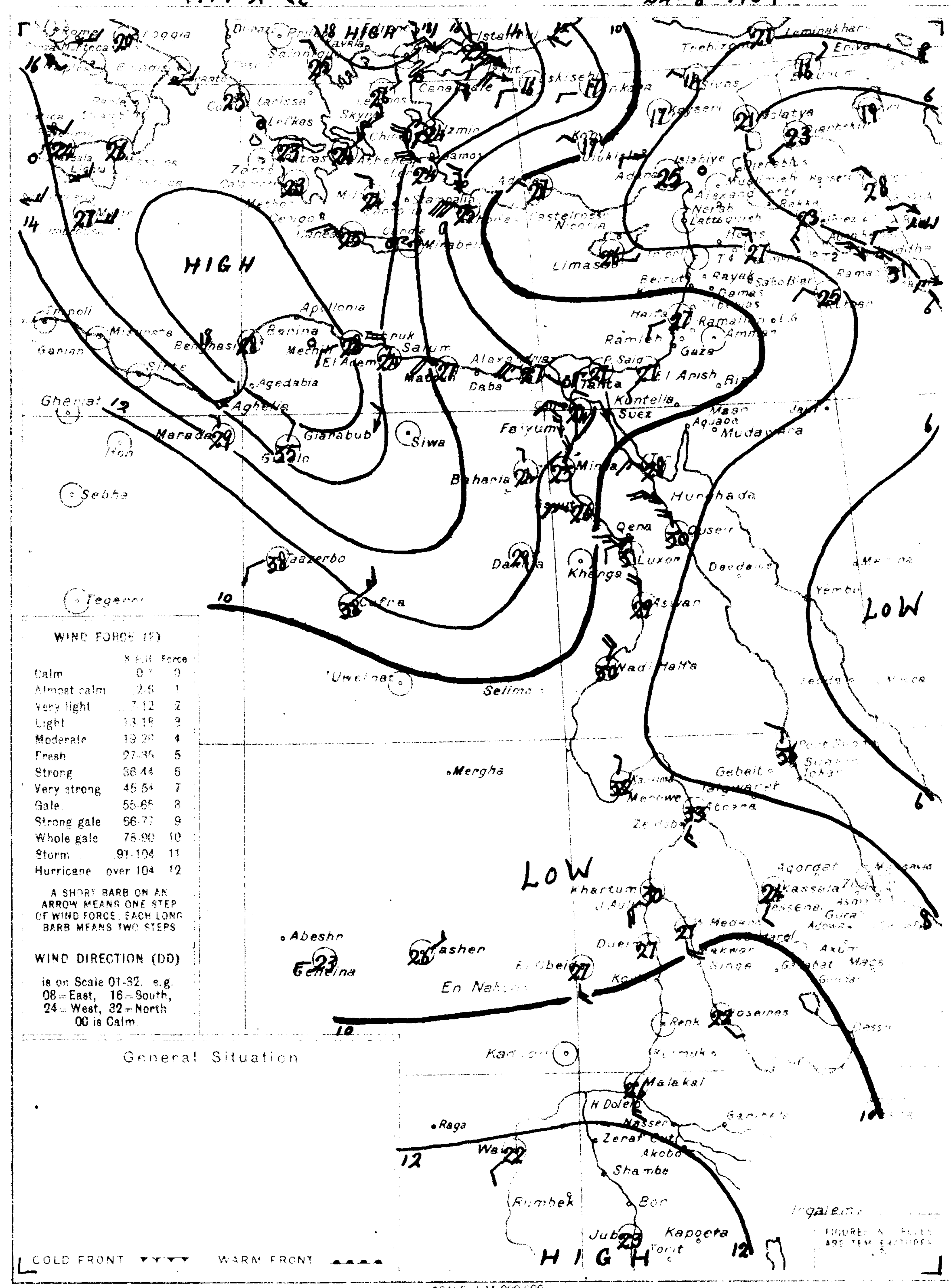
Giza Grass minimum on 24th 14.7 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
24-8	6254	10720
23-8	6200	10720

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	24-8	13.60	-0.17	13.48	-0.28
Nasser	23-8	9.82	-0.09	9.80	-0.09
Malakal	24-8	11.95	+0.08	11.94	+0.09
Roseires	24-8	19.45	+0.19	18.82	-0.46
Sennar Res	23-8	17.20	—	17.21	—
J. Aulia U.S	23-8	376.56	—	376.52	—
J. Aulia D.S	23-8	374.84	-0.39	374.64	-0.56
Khartum	24-8	15.42	-0.19	15.35	-0.23
Kh. el Girba	23-8	13.99	-0.30	13.85	-0.45
Atbara	23-8	14.37	-0.61	14.39	-0.56
Kajnarti	23-8	139.99	-1.24	139.96	-1.21
Aswan Res.	24-8	100.35	—	101.30	—
Aswan D.S.	24-8	91.26	-0.54	91.29	-0.46
Roda (Cairo)	24-8	17.47	-0.67	17.40	-0.71

١٩٣٩-٨-٢٤ Isobars, Wind and Temperature at 8 h 24-8-1939



WIND FORCE (F)

	K.p.h.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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

At 8 h on 24th — ٢٤ 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 MM	Diff. from norm.	Min. today mm	Diff. from norm.	Humidity UU	Rainfall past 24 hrs	Total	Normal
Limassol	09	6	08	1	0	0	—	8.3	-0.5	26	—	—	—	—	—	0	610	465
Haifa	02	—	22	2	—	4	—	10.6	+3.2	27.4	32	+1	24	+2	57	0	559	648

SHIPS

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

PRESENT WEATHER

CLOUD FORM (C)
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

Printed by the Survey & Mines Dept. 1939 (38 554)

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

CAIRO
Time of Sunrise 05h 28m
" " Sunset 18h 26m

Month AUGUST 1939 شهر اغسطس ١٩٣٩

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Region	Station	14h 24th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Fri 25th ww	V	DD	F	W	N	C	PPP M.S.L.	Diff. from normal	Dry Bulb	Max. yesterday	Diff.	Min. today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station number
Mediterranean	SALÛM	01	8	02	6	0	3	Cu	15.4	26.0	79	00	7	02	5	0	0	—	15.4	+3.5	24.9	27	—	21	—	79	0	182	—	130
	MATRÛH	00	7	30	5	0	0	—	13.8	28.2	62	01	7	30	4	1	4	Ci	13.9	+2.5	26.7	28	0	25	+4	76	0	122	160	131
	DIKHEILA	01	8	30	5	1	4	Cu	12.6	26.6	83	01	8	32	2	1	4	Ci	13.1	—	26.5	27	—	25	—	81	0	94	—	150
	ALEXANDRIA	02	9	32	5	2	4	Ac	12.2	28.0	60	02	9	04	2	2	4	Ac	12.8	+1.4	26.8	30	-1	24	+1	68	0	166	185	132
	DAMIETTA											01	8	28	2	1	4	Cu	11.6	—	26.6	29	—	22	—	80	0	70	107	159
	PORT SAÎD	00	8	28	4	1	0	—	10.8	31.0	53	22	7	02	2	1	4	Ac	11.5	+2.2	27.5	32	+1	24	+1	70	0	64	81	134
	EL 'ARÎSH	00	7	30	3	1	0	—	10.2	29.2	61	01	7	16	1	1	3	Ci	11.5	—	28.5	30	—	20	—	64	0	130	93	135
Lower Egypt	DAMANHÛR											01	8	32	2	2	3	Cu	12.4	+1.8	27.3	31	-2	20	+1	70	0	29	103	136
	MANṢÛRA											00	8	32	1	0	0	—	11.8	—	26.7	32	-3	21	0	79	0	46	55	137
	TANTA	02	7	28	2	1	5	Cu	10.8	30.5	55	02	7	00	0	1	5	Cu	12.6	+1.3	26.0	32	-3	19	-1	84	0	41	43	138
	ZAGÂZIG	01	9	30	3	1	4	Cu	10.8	32.2	52	00	8	30	1	0	0	—	11.9	—	26.9	32	-3	20	+1	80	0	31	29	139
Middle Egypt (Cairo)	ALMÂZA	01	8	28	2	2	4	Cu	11.6	32.0	46	01	7	02	1	0	4	Sc	12.4	—	25.1	32	—	21	—	77	0	18	—	141
	EZBEKIYA	01	9	30	2	1	4	Cu	10.3	32.2	39	02	6	00	0	1	5	St	12.0	+1.4	25.8	33	-1	22	+1	76	0	23	28	—
	GÎZA	01	9	30	2	1	4	Cu	10.3	31.4	43	02	6	00	0	1	5	St	11.9	+1.1	24.3	32	-2	20	+1	83	0	23	28	—
Middle Egypt	HELWÂN	01	8	30	4	1	2	Ci	10.4	31.2	38	05	6	32	2	2	5	Cu	11.9	+1.2	24.6	32	-2	21	0	73	0	26	29	143
	SUEZ	00	9	32	2	0	0	—	9.6	31.9	45	01	7	32	2	1	3	Cu	11.6	+1.7	25.3	34	-2	22	-1	80	0	27	18	144
Upper Egypt	FAIYUM	00	8	32	3	0	0	—	10.3	32.0	38	01	8	32	2	0	2	Cu	11.2	-0.4	25.1	34	-2	21	0	71	0	7	8	153
	MINYA	00	7	30	4	0	0	—	10.7	31.9	40	01	7	30	3	0	2	Cu	11.4	+1.4	24.5	33	-2	21	0	77	0	4	—	154
	ASYUT	00	8	30	4	0	0	—	9.1	32.8	26	01	6	26	2	1	3	Cu	10.8	+1.2	25.5	34	-1	22	-1	68	0	2	4	155
	QENA	00	8	22	3	0	0	—	6.6	38.2	29	00	8	26	2	0	0	—	9.0	+1.0	28.0	40	+1	25	+2	57	0	dr	—	156
	LUXOR	00	8	26	3	0	0	—	—	36.9	29	00	8	14	2	0	0	—	—	—	30.8	39	—	21	—	51	0	dr	—	157
	ASWÂN	00	7	02	5	0	0	—	5.6	37.5	31	00	7	30	3	0	0	—	8.7	+0.5	28.3	40	-1	25	0	43	0	1	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	15.4	34.3	61	00	8	00	0	0	0	—	15.2	+3.7	26.1	38	+1	20	0	83	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	9.8	33.0	34	00	9	00	0	0	0	—	12.7	—	24.0	34	—	20	—	75	0	1	—	149
	KHARGA	00	8	32	3	0	0	—	7.1	37.4	30	00	8	32	2	0	0	—	11.6	+2.3	26.3	37	-2	24	+3	41	0	dr	tr	151
	DAKHLA	00	7	02	4	0	0	—	10.6	34.6	23	00	8	02	3	0	0	—	13.4	+3.1	24.5	36	-3	22	0	50	0	dr	—	152
Red Sea	TÔR	00	6	28	6	0	0	—	8.0	30.2	70	00	6	28	3	0	0	—	8.2	+1.2	28.0	31	-2	26	+2	77	0	20	13	145
	HURGHÂDA	00	9	02	4	0	0	—	6.8	32.5	46	00	9	30	5	0	0	—	8.4	+1.0	28.4	33	-2	24	-1	61	0	1	—	146
	QUṢEIR	00	7	02	3	0	0	—	7.2	31.0	53	00	7	32	3	0	0	—	8.0	+0.7	29.9	32	-2	26	-1	56	0	tr	6	147
	PORT SUDAN											00	—	28	2	3	0	—	7.4	+0.9	36.5	40	0	29	+2	37	0	81	121	169
North Sudan	WÂDI HALFA											01	8	32	5	0	3	Ac,Cs	9.6	+0.6	28.4	39	-1	24	+1	33	—	—	—	165
	KAREIMA											32	3	16	3	3	9	—	9.1	+0.5	31.1	43	+3	31?	+5	48	0	13	27	166
	'ATBARA											00	—	20	2	0	0	—	9.5	+1.3	32.0	42	+2	28	+3	41	0	52	67	167
	KHARTÛM											03	8	18	2	8	7	Ac,As	10.2	+0.8	26.1	39	+2	23	-2	76	5	64	118	168
	KASSALA											02	8	16	3	1	5	Ac	10.7	-0.9	25.0	33	-1	22	0	68	0	276	248	170
Central Sudan	WAD MEDANI											02	—	18	4	6	4	—	10.7	+0.1	24.5	34	-1	19	-2	90	33	443	299	171
	DUEIM											00	—	—	3	6	0	—	10.3	-0.7	24.6	35	0	20	-2	82	58	365	230	173
	RENK																			—		—		—					—	182
	ROṢEIRES											02	—	08	1	5	4	—	12.3	+0.5	22.7	33	+1	20	-1	92	19	617	580	172
	EL OBEID											25	8	32	1	6	8	Cu	[illegible]	+1.5	21.5	35	+2	21	0	91	2	248	246	174
	EL FÂSHER											03	8	12	1	1	7	Cu,Sc	—	—	22.4	35	+1	21	+1	91	3	291	261	175
	GENEINA											03	8	24	3	1	7	Ac,As	—	—	21.1	33	—	20	—	91	5	360	—	179
	KADUGLI																												—	187
S. Sudan	MALAKÂL											03	8	08	3	1	7	Ac,As	12.2	-0.3	24.8	32	+1	23	+2	92	0	570	641	176
	WÂU											50	—	20	2	6	8	—	11.2	-0.2	23.7	29	-3	21	+1	85	6	851	913	177
	JÛBA											03	8	30	2	9	6	Ac,As	12.3	-0.4	24.6	31	-1	21	+1	84	16	844	763	178

UPPER WINDS ON 25th — الرياح العليا يوم ٢٥

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

SALÛM 7h	MATRÛH	DIKHEILA 7h	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA 3h	KAREIMA 4h	KHARTÛM 7h	KASSALA 5h	EL OBEID 7h	MALAKÂL 7h	JÛBA	Salum 24th 13h
02.02.25		02.01.10					03 03 25	03 01 10	06.22.55	06 19 35	07.09.25	06 22 10		02.04.40
05.03.30		05.01.15					06 01 55		10.23.35	10 19 35	10.08.35	10 24 30		05.36.30
10.02.30							10 36 40		15.19.20	15 23 05	15.06 35	15 24 35		10.32.20
15.02.50							15 34 15		20.15.25	20 01 25	20.02.35	20 23 20		15.33.15
20.36.40							20 24 10		30.14.30	26 04 35	30.04.25	30 20 15		20.33.30
25.36.60							30 22 15		31.13.25			40 09 25		25.35.35
30.36.55														30.34.40
34.35.45														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Humidity % on 24th	Diff. from normal	Wet bulb temp. °C on 24th	Diff. from normal
Alexandria	64	-6	21.9	-0.3
Ezbekiya	61	-2	22.3	-0.5
Gîza	68	+3	22.3	0.0
Helwân	62	+10	21.0	+1.0

Gîza Grass minimum on 25th? 16.0°C

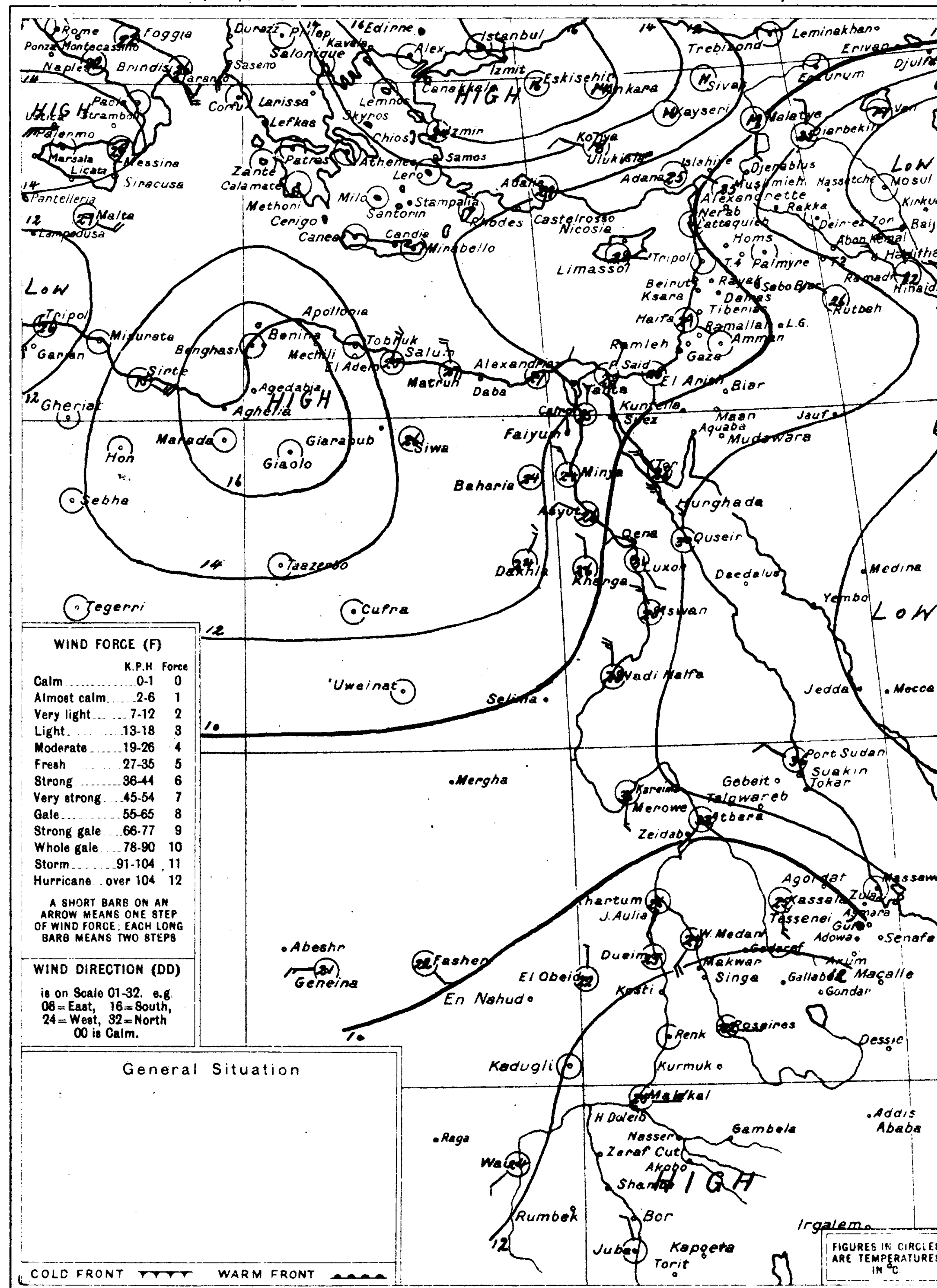
Discharges at Aswân measured by sluices m.³ per sec.

Date	1939	1938
25-8	6254	10720
24-8	6200	10720

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	24-8	13.60	-0.17	13.48	-0.28
Nâṣṣer	24-8	9.84	-0.09	9.82	-0.09
Malakâl	24-8	11.95	+0.08	11.94	+0.09
Roṣeires	24-8	19.45	+0.19	18.82	-0.46
Sennâr Res.	25-8	17.20	—	17.21	—
J. Aulia U.S	25-8	376.52	—	376.53	—
J. Aulia D.S	25-8	375.02	-0.25	375.06	-0.20
Khartûm	24-8	15.42	-0.19	15.35	-0.23
Kh. el Girba	24-8	13.97	-0.35	13.99	-0.30
'Atbara	25-8	14.63	-0.45	14.42	-0.62
Kajnarti	25-8	140.42	-0.91	140.16	-1.11
Aswân Res.	24-8	100.35	—	101.30	—
Aswân D.S.	24-8	91.26	-0.54	91.29	-0.46
Rôda (Cairo)	24-8	17.47	-0.67	17.40	-0.71

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

٢٥ - ٨ - ٣٩ Isobars, Wind and Temperature at 8 h. 25 - 8 - 39



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

At 8 h. on 25th الساعة ٨ يوم

Station محطة	ww	V	DD	F	W	N	C	PPP M.S.L.	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	00	7	08	1	0	0	—	10.4	+1.4	28	—	—	—	—	—	0	610	465
Haifa	01	—	10	2	—	3	—	11.5	+4.0	28.6	31	0	23	+1	59	0	559	648
Siwa	00	8	00	0	0	0	—	15.8	+4.3	23.1	36	-1	19	-1	83	0	7	8
El Kharga	00	8	32	2	0	0	—	9.9	+0.7	29.1	38	-1	24	+3	39	0	dr	tr
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 05 h 28 m

" " Sunset 18 h 25 m

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 25th الساعة ١٤ يوم ٢٥ — At 8 h. on SATURDAY 26th السبت ٢٦ 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+ mb 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+ mb PPP	Diff. from normal mb	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 mm	Rainfall Total from Oct 1 mm	Rainfall Normal from Oct 1 mm	Station Number
Mediterranean																													
SALÛM	00	8	02	4	0	0	—	15.5	29.2	36	00	7	00	0	0	0	—	13.6	+1.6	28.1	29	—	20	—	58	0	182	—	130
MATRÛH	02	7	30	4	1	4	Cu	13.8	28.2	78	00	7	30	2	0	0	—	12.8	+1.3	26.8	29	+1	25	+4	77	0	122	160	131
DIKHEILA	01	8	30	4	0	1	Cu	13.0	26.5	88	01	8	01	2	1	3	Sc	13.0	—	26.0	27	—	25	—	85	0	94	—	150
ALEXANDRIA	00	9	04	3	0	0	—	12.3	28.0	69	02	9	04	1	2	4	Ac	12.4	+0.8	26.7	29	-2	24	+1	75	0	166	185	132
DAMIETTA											01	8	28	2	0	2	Ac	11.2	—	27.2	30	—	22	—	77	0	70	107	159
PORT SAÎD	00	7	02	3	1	0	—	10.8	31.0	59	00	8	28	3	0	0	—	10.3	+0.9	29.2	32	+1	24	+1	71	0	64	81	134
EL 'ARÎSH	00	7	30	3	1	0	—	9.5	28.0	64	01	7	00	0	1	3	Cu	10.7	—	28.0	30	—	22	—	76	0	130	93	135
Lower Egypt																													
DAMANHÛR											01	7	32	1	1	1	Ci	12.0	+1.3	27.8	32	-1	20	+1	70	0	29	103	136
MANSÛRA											00	8	32	2	0	0	—	11.8	—	26.1	34	-1	20	0	79	0	46	55	137
TANTA	02	7	32	2	1	4	Cu	11.0	33.0	44	03	6	00	0	2	6	Sc	11.9	+0.5	26.0	34	-1	18	-2	84	0	41	43	138
ZAGÂZÎG	01	9	30	3	1	3	Cu	11.0	33.4	50	00	8	30	1	0	0	—	12.0	—	25.8	33	-1	19	0	89	0	31	29	139
Middle Egypt																													
CAIRO ALMÂZA	01	8	32	4	1	3	Cu, Sc	11.4	32.6	52	05	5	02	1	2	8	St	12.6	—	23.7	34	—	21	—	88	0	18	—	141
CAIRO EZBEKÎYA	01	7	32	2	1	4	Cu	10.3	33.3	45	02	6	02	3	2	5	Sc	11.8	+1.0	25.7	35	+1	22	+1	82	0	23	28	—
CAIRO GÎZA	01	7	32	2	1	4	Cu	9.8	32.6	44	02	6	32	2	2	5	Cu	11.6	+0.7	24.3	33	-1	21	+2	86	0	23	28	—
HELWÂN	01	7	32	4	1	3	Cu	9.5	33.1	34	09	5	28	3	1	4	Cb	11.6	+0.8	23.6	34	0	22	+1	86	0	26	29	143
SUEZ	00	9	32	2	0	0	—	9.4	32.6	43	01	8	32	2	1	3	Cu	11.1	+1.1	26.3	35	0	23	0	82	0	27	18	144
Upper Egypt																													
FAIYUM	00	8	32	3	0	0	—	9.6	34.0	36	01	7	32	4	0	3	Cu	11.2	0.0	25.3	35	-1	22	+1	77	0	7	8	153
MINYA	00	6	02	4	0	0	—	9.5	32.6	36	03	5	30	4	1	6	Cu	10.3	+0.2	24.8	33	-2	22	+1	78	0	4	—	154
ASYÛT	00	7	30	3	0	0	—	8.4	34.0	31	00	7	30	3	0	0	—	9.5	-0.2	26.3	36	+1	21	-2	56	0	2	4	155
QENA	00	8	24	2	0	0	—	6.7	38.0	26	00	8	22	3	0	0	—	7.8	-0.2	28.8	40	+1	25	+2	52	0	dr.	—	156
LUXOR	00	8	22	2	0	0	—	—	38.2	31	00	8	24	1	0	0	—	—	—	29.8	39	—	21	—	59	0	dr.	—	157
ASWÂN	00	7	28	1	0	0	—	5.9	38.5	14	00	7	32	1	0	0	—	7.6	-0.7	29.3	41	0	25	0	33	0	1	—	158
Western Desert																													
SIWA	00	8	28	1	0	0	—	13.4	35.8	53	00	8	00	0	0	0	—	15.8	+4.2	25.0	39	+2	17	-3	85	0	7	8	148
BAHARÎYA	00	9	32	1	0	0	—	11.5	33.5	38	00	9	32	1	0	0	—	11.5	—	24.0	34	—	20	—	79	0	1	—	149
KHÂRGA	00	8	32	3	0	0	—	9.0	36.5	25	00	8	28	2	0	0	—	9.6	+0.2	28.7	37	-2	19	-2	36	0	dr.	tr.	151
DÂKHLA	00	7	30	4	0	0	—	10.3	33.2	22	00	7	30	1	0	0	—	11.4	+1.0	27.5	36	-3	23	+1	42	0	dr.	—	152
Red Sea																													
TÔR	00	6	28	5	0	0	—	6.3	36.5	75	00	6	28	4	0	0	—	7.1	+0.1	28.2	31	-2	26	+2	83	0	20	13	145
HURGHÂDA	00	9	02	4	0	0	—	6.7	31.2	60	00	9	30	4	0	0	—	8.0	+0.6	27.8	32	-3	24	-1	67	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	7.0	30.9	61	00	7	32	3	0	0	—	7.6	+0.2	29.6	32	-2	25	-2	62	0	tr.	6	147
PORT SUDAN											00	—	32	1	0	0	—	7.5	+0.9	36.5	39	-1	29	+2	24	0	81	121	169
North Sudan																													
WÂDI HALFA											00	8	32	3	0	0	—	8.9	-0.2	28.3	40	0	24	+1	33	—	—	—	165
KAREIMA											02	8	02	3	1	5	Ac, As	8.1	-0.5	32.1	41	+1	27	+1	28	0	13	28	166
'ATBARA											00	—	20	2	0	0	—	8.0	-0.2	33.5	41	+1	29	+4	35	0	52	68	167
KHARTÛM											02	8	22	2	1	5	Cs	9.1	-0.3	28.8	37	0	27	+2	64	0	64	121	168
KASSALA											00	8	16	3	0	0	—	9.0	-2.6	27.4	33	-1	24	+2	63	0	296	252	170
Central Sudan																													
WAD MEDANI											02	—	18	4	0	4	—	9.3	-1.3	26.4	31	-4	22	+1	79	0	443	304	171
DUEIM											00	—	—	3	0	0	—	9.5	-1.5	26.4	30	-5	23	+1	82	0	365	233	173
RENK																													182
ROSEIRES											02	—	14	1	0	4	—	11.2	-0.6	24.2	32	0	22	+1	90	0	617	587	172
EL OBEID											03	8	16	2	1	6	Ac, As	9.1	-2.7	24.8	31	-2	23	+2	84	dr.	248	250	174
EL FÂSHER											01	8	08	1	1	4	Ac, Cc	—	—	24.0	30	-4	21	+1	76	0	291	266	175
GENEINA											03	8	24	1	1	6	St	—	—	22.0	32	—	19	—	91	0	360	—	179
KADUGLI																												—	187
S. Sudan																													
MALAKÂL											01	8	16	3	1	4	Ac	11.8	-0.7	24.4	30	-1	22	+1	86	5	575	697	176
WÂU											03	—	16	1	1	7	—	10.7	-0.7	23.4	32	0	21	+1	85	0	851	920	177
JÛBA											03	8	30	2	1	8	As	12.1	-0.6	22.0	30	-2	20	0	91	4	848	766	178

UPPER WINDS ON 26th الرياح العليا يوم ٢٦

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA 8 h.	CAIRO	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 3 h.	KAREIMA 4 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA	P. Said A.F. 7 h.
02.33.05	02.34.10	02.36.25		02.36.30	02.34.15	02.35.10	03.02.15	06.01.50	06.20.25	06.20.20	07.21.20	06.18.15		02.34.25
05.04.20	04.02.15	05.36.15		05.01.30	05.36.25	05.01.15	06.01.40	10.01.30	10.23.25	10.20.15	10.15.20	10.20.10		05.35.20
10.02.25	05.02.20	10.06.10		08.03.50	10.36.45	10.30.15	10.35.30	15.02.10	15.30.25	15.29.10	15.08.25	15.25.15		10.35.10
15.36.25	10.02.25	15.05.15		10.04.40		15.28.10	15.34.10	20.18.05	20.34.05	20.36.15	20.08.30	20.24.15		15.35.10
20.36.30		20.36.30		15.03.35		20.27.20	20.26.10	30.10.25	30.03.05	23.03.25	30.07.40	30.08.10		19.35.10
25.35.35		22.36.45		20.03.20		25.27.25	30.24.10	36.10.15	40.34.20		39.09.35	40.08.25		
30.34.55				22.03.15			40.23.10					50.07.30		
32.35.50							50.23.15					56.06.35		
							54.19.15							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى 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	74	+4	23.3	+1.1
Ezbekîya	62	-1	23.0	+0.2
Gîza	66	+1	22.6	+0.3
Helwân	55	+3	21.2	+1.2

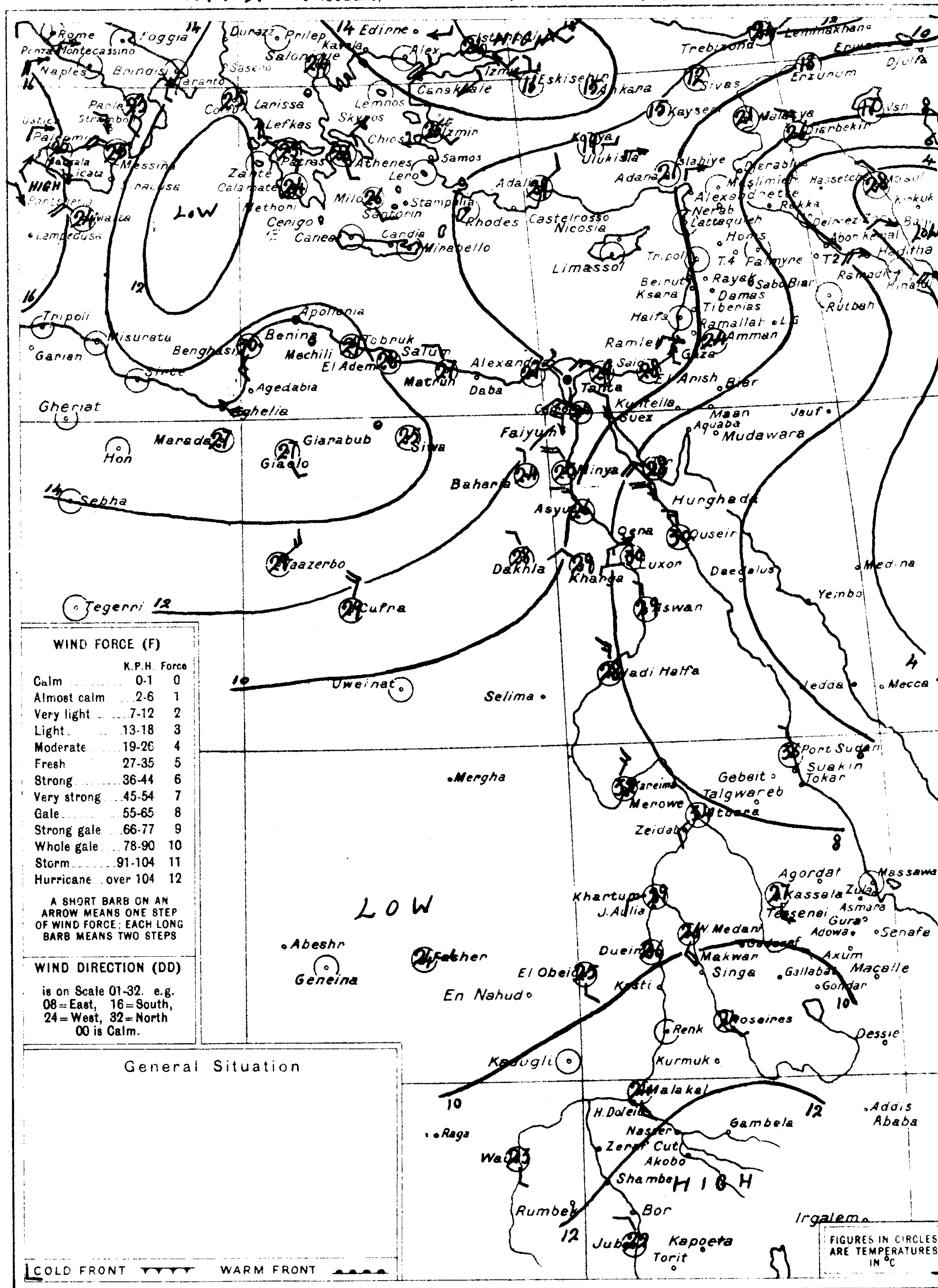
Gîza Grass minimum on 26th 17.0 °C

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

DATE	1939	1938
26-8	6483	10727
25-8	6368	10615

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25-8	13.59	-0.18	13.60	-0.17
Nâşser	24-8	9.84	-0.09	9.82	-0.09
Malakâl	26-8	11.96	+0.07	11.95	+0.07
Roşeires	26-8	19.20	-0.01	19.22	-0.02
Sennâr Res.	25-8	17.20	—	17.21	—
J. Aulia U.S	25-8	376.52	—	376.53	—
J. Aulia D.S	25-8	375.02	-0.25	375.06	-0.20
Khartûm	25-8	15.35	-0.28	15.42	-0.19
Kh. el Girba	25-8	14.50	+0.13	13.97	-0.35
'Atbara	26-8	14.68	-0.43	14.63	-0.45
Kajnarti	25-8	140.42	-0.91	140.16	-1.11
Aswân Res.	26-8	99.02	—	99.58	—
Aswân D.S.	26-8	91.24	-0.67	91.19	-0.67
Rôda (Cairo)	26-8	17.65	-0.65	17.53	-0.69

١٩٣٩-٨-٢٦ Isobars, Wind and Temperature at 8 h. 26-8-1939



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

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder	11
Distant Duststorm	12
Squalls	14
Slight Duststorm	18
Rain in past hour	20-23
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	47
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

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

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

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

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 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. Pressure M.S.L. 1000+ mb PPP	Diff. from normal mb	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 Halfa	00	—	26	3	—	0	—	10.3	+2.8	29.2	31	0	23	+1	62	0	559	465 648
SHIPS سفن																		

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. 05 m. 29
" " Sunset 18 24

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

١٩٣٩-٨-٢٧ Isobars, Wind and Temperature at 8 h. 27. 8 - 39

Station	14h 26th ww	V	DD	F	W	N	C	Bar. PPP	Temp. TTT	Humidity UU	8h Sunday 27th ww	V	DD	F	W	N	C	M.S.L. PPP	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	Station Number
MEDITERRANEAN																													
SALUM	00	8	08	2	0	0	—	12.8	31.1	32	02	7	30	6	1	4	Cu	9.9	-2.2	25.2	33	—	23	—	77	0	182	—	130
MATRUH	00	8	28	4	0	0	—	12.4	28.0	79	02	8	26	3	0	4	Cu	9.1	-2.5	26.7	29	+1	21	0	83	0	122	160	131
DIKHEILA	00	8	30	3	0	0	—	12.6	27.0	84	00	8	22	2	0	0	—	9.8	—	26.1	28	—	21	—	85	0	94	—	150
ALEXANDRIA	00	9	30	3	0	0	—	11.6	29.0	64	00	9	20	1	0	0	—	8.8	-3.0	26.0	30	-1	22	-1	76	0	166	185	132
DAMIETTA											04	6	18	1	0	0	—	8.2	—	27.0	30	—	21	—	84	0	70	107	159
PORT SAID	00	8	32	2	0	0	—	10.6	32.6	60	00	8	20	2	0	0	—	9.0	-0.5	27.8	33	+2	24	+1	68	0	64	81	134
EL 'ARISH	00	7	32	3	1	0	—	9.8	29.6	67	00	7	20	1	0	0	—	7.5	—	27.8	30	—	22	—	70	0	130	93	135
LOWER EGYPT																													
DAMANHUR											00	8	24	2	0	0	—	8.0	-2.8	26.8	34	+1	21	+2	78	0	29	103	136
MANSURA											00	8	24	1	4	0	—	8.8	—	25.7	34	-1	20	0	82	0	46	55	137
TANTA	01	7	32	2	1	2	Ac	10.0	33.6	42	00	7	00	0	0	0	—	8.8	-2.7	26.0	34	-1	18	-2	84	0	41	43	138
ZAGAZIG	00	9	30	2	1	0	—	9.9	33.8	45	00	7	20	1	0	0	—	9.0	—	27.4	34	0	18	-1	77	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	30	4	0	0	—	10.7	33.6	46	00	7	12	1	0	0	—	9.9	—	25.8	34	—	20	—	72	0	18	—	141
CAIRO EZBEKIYA	00	8	30	4	0	0	—	9.9	33.8	41	00	6	28	1	0	0	—	9.4	-1.5	26.3	35	+1	21	0	72	0	23	28	—
CAIRO GIZA	00	7	02	3	0	0	—	9.5	33.2	37	08	4	00	0	4	0	—	9.0	-2.0	24.3	34	0	19	0	82	0	23	28	—
HELWAN	00	7	30	4	1	0	—	9.1	32.4	33	05	6	00	0	0	0	—	9.1	-1.8	25.6	34	0	20	-1	67	0	26	29	143
SUEZ	00	9	30	2	0	0	—	8.7	33.4	37	00	8	32	1	0	0	—	9.0	-1.1	25.6	35	0	21	-2	79	0	27	18	144
UPPER EGYPT																													
FAIYUM	00	8	32	3	0	0	—	9.1	35.4	29	00	8	32	1	0	0	—	9.0	-2.3	24.3	35	-1	20	-1	81	0	7	8	153
MINYA	00	6	28	4	1	0	—	9.0	33.9	30	00	7	30	3	0	0	—	8.6	-1.6	24.9	34	-1	20	-1	70	0	4	—	154
ASYUT	00	8	22	3	0	0	—	7.1	35.2	23	00	7	28	3	0	0	—	8.4	-1.4	26.0	37	+2	20	-3	57	0	2	4	155
QENA	00	8	20	4	0	0	—	5.8	39.1	24	00	8	22	3	0	0	—	6.3	-1.8	28.9	41	+2	25	+2	47	0	dr.	—	156
LUXOR	00	8	22	4	0	0	—	—	39.3	27	00	8	10	1	0	0	—	—	—	31.2	40	—	21	—	46	0	dr.	—	157
ASWAN	00	7	18	1	0	0	—	4.3	40.5	13	00	7	28	1	0	0	—	5.6	-2.7	29.5	42	+1	24	-1	32	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	28	1	0	0	—	13.9	38.2	53	00	8	26	1	0	0	—	10.7	-1.0	27.8	40	+3	17	-3	53	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.8	35.0	32	00	9	00	0	0	0	—	9.6	—	27.2	36	—	18	—	58	0	1	—	149
KHARGA	00	8	32	3	0	0	—	8.2	36.3	28	00	8	32	3	0	0	—	8.8	-0.7	28.9	37	-2	25	+4	38	0	dr.	tr.	151
DAKHLA	00	7	30	3	0	0	—	10.0	35.0	19	00	8	30	2	0	0	—	10.7	+0.2	27.6	37	-2	23	+1	43	0	dr.	—	152
RED SEA																													
TOR	00	6	28	6	0	0	—	4.8	30.5	80	00	6	28	3	0	0	—	5.1	-2.0	28.8	34	+1	26	+2	75	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	5.8	31.6	63	00	9	30	3	0	0	—	6.0	-1.5	29.0	33	-2	23	-2	55	0	1	—	146
QUSEIR	01	7	02	2	0	1	Ci	6.6	30.4	69	00	7	32	3	0	0	—	6.2	-1.2	30.8	33	-1	26	-1	43	0	tr.	6	147
PORT SUDAN																											81	121	169
NORTH SUDAN																													
WADI HALFA											01	8	24	2	0	3	Cs	7.1	-2.0	29.5	41	+1	25	+2	25	—	—	—	165
KAREIMA																												28	166
'ATBARA																												69	167
KHARTUM											02	8	18	1	2	5	AcCs	7.5	-1.9	29.3	40	+2	27	+2	58	0	64	123	168
KASSALA											01	8	14	3	1	3	Ac	6.8	-4.7	26.7	35	+1	22	0	63	dr.	296	256	170
CENTRAL SUDAN																													
WAD MEDANI																												309	171
DUEIM																												237	173
RENK																			—			—		—					182
ROSEIRES																												594	172
EL OBEID																												253	174
EL FASHER											03	8	04	1	1	7	Sc	—	—	24.3	33	-1	23	+3	91	6	297	271	175
GENEINA																												—	179
KADUGLI																													187
S. SUDAN																													
MALAKAL											01	8	28	2	1	3	Ac	9.1	-3.4	26.0	33	+2	24	+3	83	0	575	703	176
WAU											00	—	32	2	1	0	—	9.2	-2.2	25.4	32	0	22	+2	80	0	851	927	177
JUBA																												769	178

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

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

SALUM 7h	MATRUH 7h	DIKHEILA 7h	CAIRO	HELWAN 8h 30m	ASYUT 8h	ASWAN 7h	WADI HALFA 2h	KAREIMA	KHARTUM 7h	KASSALA 7h	EL OBEID	MALAKAL 7h	P.Said A.F. 7h	SALUM 26th 13h
02.35.25	02.31.20	02.20.10		02.23.10	02.32.15	02.35.05	03.01.20		06.14.25	06.18.20		06.30.10	02.26.10	02.07.10
05.34.30	05.25.20	05.13.05		05.05.15	05.36.35	05.36.25	06.36.45		10.17.45	10.24.25		10.21.05	05.26.05	04.17.05
10.33.25	10.21.15	06.00.00		08.03.25	10.36.75	10.06.15	10.36.35		15.21.40	15.35.05		15.30.05	10.30.10	05.20.10
15.26.25	15.24.30	08.03.10		10.01.25	15.36.65	15.30.10	15.34.25		20.22.20	20.05.20		20.09.15	15.35.25	07.23.10
20.28.35	19.25.45	10.32.10		15.36.40	20.36.60	20.28.15	20.23.20		30.28.45	21.06.20		30.10.25	20.34.30	10.27.20
25.28.30		15.33.20		20.35.35		25.26.25	30.28.20		40.01.30			40.10.30	23.35.30	15.32.20
30.29.35		20.33.30		23.35.40		30.26.45	40.27.20		50.01.15			50.08.40		20.31.20
		25.33.35		25.35.45		35.25.50			60.03.15			53.08.40		25.31.20
		30.33.35		30.35.35					63.03.10					30.31.35
		37.30.50												35.32.50

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

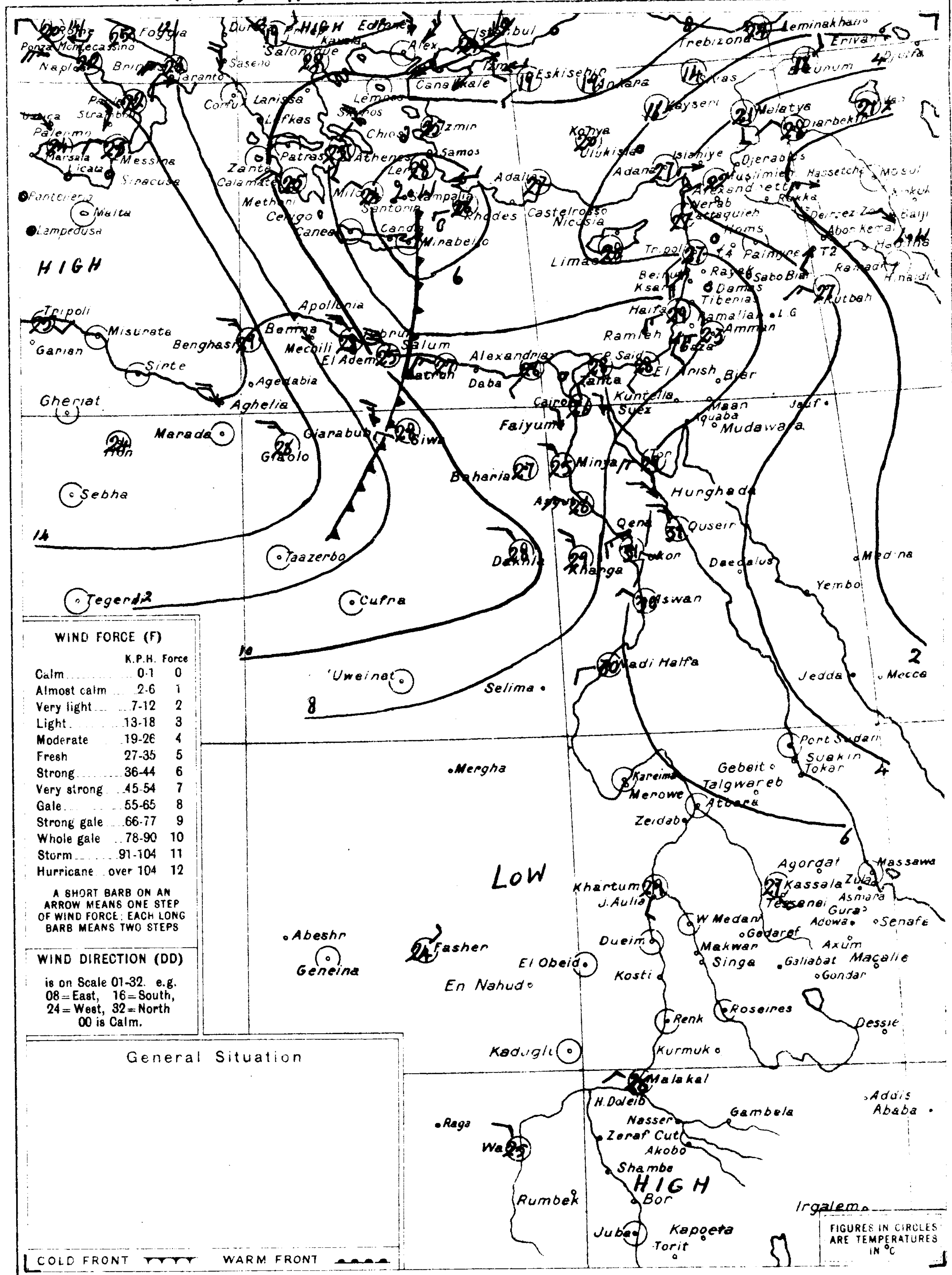
Station	Mean of day: Humidity % on 26th	Diff. from normal	Wet bulb temp. °C on 26th	Diff. from normal
Alexandria	74	+5	23.5	+1.4
Ezbekiya	63	0	23.1	+0.4
Giza	68	+3	22.3	0.0
Helwan	59	+6	21.2	+1.3

Giza Grass minimum on 27th 13.8 °C

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

DATE	1939	1938
27-8	6774	10703
26-8	6483	10727

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-8	13.38	-0.40	13.62	-0.16
Nasser	26-8	9.85	-0.11	9.84	-0.10
Malakal	27-8	11.97	+0.07	11.96	+0.07
Roseires	27-8	18.98	-0.20	19.20	-0.01
Sennar Res.	26-8	17.19	—	17.20	—
J. Aulia U.S	26-8	376.46	—	376.52	—
J. Aulia D.S	26-8	375.02	-0.28	375.02	-0.25
Khartum	26-8	15.34	-0.30	15.35	-0.28
Kh. el Girba	26-8	14.50	+0.11	14.50	+0.13
'Atbara	26-8	14.68	-0.43	14.63	-0.45
Kajnarti	26-8	140.62	-0.77	140.42	-0.91
Aswan Res.	27-8	98.85	—	99.02	—
Aswan D.S.	27-8	91.35	-0.60	91.24	-0.67
Roda (Cairo)	27-8	17.82	-0.54	17.65	-0.65



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 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	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	00	0	0	0	—	5.9	-3.3	28	—	—	—	—	—	0	610	465
Haifa	01	—	22	3	—	3	—	8.0	+0.3	28.9	33	+2	24	+2	64	0	559	648
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	10
Thunder	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-65
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	83-84
" of Sleet	85-86
" of Hail	87-89
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

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. 29 m
" " Sunset 18 h. 52 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 — ١٩٣٩ شهر أغسطس

1417 F.C.

At 14 h. on 27th CV الساعة ١٤ يوم — At 8 h. on MONDAY 28th الاثنين ٢٨ الساعة ٨ يوم

STATION		PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESS. M.S.L. 1000+ m b s.	TEMP. °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m b s.	Diff. from normal m b s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	RAINFALL Past 24 hrs m m s.	RAINFALL Total from Oct 1 m m s.	RAINFALL Normal from Oct 1 m m s.	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	01	8	30	6	1	3	Cu	10.0	29.7	42	01	7	28	4	1	3	Cu	10.8	-1.5	23.9	30	—	20	—	74	0	182	—	130
	MATRÛH	01	8	28	5	1	3	Cu	8.8	27.9	69	01	7	28	5	1	3	Cu	10.0	—	26.9	28	—	25	—	77	0	122	160	131
	DIKHEILA	00	8	28	3	0	0	—	9.4	27.7	85	01	8	26	3	1	4	Cu	8.2	—	26.6	28	—	25	—	84	0	94	—	150
	ALEXANDRIA	00	9	32	2	0	0	—	8.4	29.9	57	02	9	26	3	2	4	Cu	8.4	-3.5	26.0	31	0	24	+1	69	dr.	166	185	132
	DAMIETTA											00	8	20	2	1	0	—	7.9	—	27.3	33	—	22	—	68	0	70	107	159
	PORT SAÏD	00	8	28	3	0	0	—	8.4	32.6	54	01	8	28	3	1	3	Cu	8.8	-0.9	26.8	34	+3	24	+1	74	0	64	81	134
	EL 'ARÎSH	00	7	30	3	0	0	—	8.0	30.4	60	00	7	20	1	0	0	—	8.6	—	27.0	31	—	19	—	64	0	130	93	135
LOWER EGYPT	DAMANHÛR											01	8	20	3	1	1	Cu	7.8	-3.1	27.7	33	0	21	+2	65	0	29	103	136
	MANSÛRA											00	8	20	2	0	0	—	8.8	—	27.0	35	0	22	+2	65	0	46	55	137
	TANTA	00	7	00	0	0	0	—	7.9	35.0	37	00	7	24	2	0	0	—	8.8	-2.8	26.5	36	+1	20	0	73	0	41	43	138
	ZAGÂZIG	00	9	22	1	1	0	—	8.2	35.4	41	00	8	28	2	0	0	—	9.5	—	27.9	35	+1	20	+1	67	0	31	29	139
MIDDLE EGYPT	CAIRO ALMAZA	00	8	28	3	0	0	—	8.6	34.8	41	00	8	28	3	0	0	—	10.0	—	26.2	35	—	22	—	66	0	18	—	141
	EZBEKÎYA	00	7	30	2	0	0	—	7.8	35.3	34	00	6	30	2	0	0	—	9.1	-1.9	26.6	37	+3	23	+2	65	0	23	28	—
	GÎZA	00	7	30	2	0	0	—	7.5	35.0	24	00	8	30	1	0	0	—	9.4	-1.7	25.6	36	+3	22	+3	67	0	23	28	—
	HELWÂN	05	8	28	4	0	0	—	7.0	35.3	19	05	6	30	3	0	0	—	9.5	-1.5	25.0	36	+2	23	+2	68	0	26	29	143
	SUEZ	00	9	32	2	0	0	—	7.1	34.6	30	01	6	30	2	0	2	Cu	8.7	-1.5	27.2	37	+2	23	0	72	0	27	18	144
UPPER EGYPT	FAIYÛM	00	8	30	2	0	0	—	7.5	35.2	30	00	7	32	3	0	0	—	9.9	-1.5	25.7	39	+3	23	+2	69	0	7	8	153
	MINYA	00	8	32	3	0	0	—	6.8	35.0	30	00	8	28	2	0	0	—	9.4	-0.9	26.3	37	+2	23	+2	70	0	4	—	154
	ASYÛT	00	8	28	3	0	0	—	5.9	37.1	24	00	6	30	4	0	0	—	9.3	-0.6	26.5	38	+3	21	-1	59	0	2	4	155
	QENA	00	8	22	2	0	0	—	4.6	39.0	27	00	8	28	1	0	0	—	7.2	-1.0	29.7	42	+3	24	+1	42	0	dr.	—	156
	LUXOR	00	8	26	1	0	0	—	—	39.2	26	00	8	22	1	0	0	—	—	—	31.8	41	—	22	—	39	0	dr.	—	157
	ASWÂN	00	7	32	1	0	0	—	2.8	40.0	14	00	7	28	1	0	0	—	7.0	-1.4	29.5	42	+1	26	+1	29	0	1	—	158
WESTERN DESERT	SÎWA	00	8	28	1	0	0	—	11.6	36.0	54	00	8	28	1	0	0	—	13.4	+1.7	25.8	37	0	20	0	81	0	7	8	148
	BAHARÎYA	00	9	00	0	0	0	—	6.7	38.0	23	00	9	00	0	0	0	—	11.4	—	24.0	40	—	20	—	75	0	1	—	149
	KHÂRGA	00	8	04	3	0	0	—	7.2	36.8	27																	dr.	dr.	151
	DÂKHLA	00	7	02	3	0	0	—	8.7	38.4	16	00	8	32	4	0	0	—	11.2	+0.6	30.0	39	0	26	+4	35	0	dr.	—	152
RED SEA	TOR	00	6	28	5	0	0	—	4.3	31.1	72	00	6	28	4	0	0	—	5.8	-1.4	32.0	35	+2	26	+2	52	0	20	13	145
	HURGHÂDA	00	9	32	2	0	0	—	5.0	32.4	53	00	9	30	2	0	0	—	6.4	-1.2	32.8	33	-2	25	0	40	0	1	—	146
	QUSEIR	00	7	02	2	0	0	—	5.0	32.0	44	00	7	32	2	0	0	—	—	—	—	34	0	25	-2	40	0	dr.	6	147
	PORT SUDAN											00	—	28	2	0	0	—	6.8	0.0	36.2	40	0	29	+2	36	0	81	121	169
NORTH SUDAN	WÂDI HALFA											00	8	02	2	0	0	—	8.1	-1.1	29.2	42	+2	23	0	29	—	—	—	165
	KAREIMA											05	7	32	2	0	3	Ac,Cu	7.6	-1.1	32.6	43	+3	27	+1	25	0	13	29	166
	'ATBARA											01	—	18	3	0	4	—	6.4	-1.8	33.0	43	+3	29	+4	39	0	52	71	167
	KHARTÛM											03	8	18	3	1	6	As,Cu	7.8	-1.5	31.5	39	+1	28	+3	48	0	64	125	168
	KASSALA											01	8	10	4	1	3	Ac	8.6	-2.9	25.6	35	+1	24	+2	62	0	296	260	170
CENTRAL SUDAN	WAD MEDANI											01	—	16	4	0	4	—	9.3	-1.3	26.3	35	0	24	+3	68	0	443	314	171
	DUEIM											01	—	—	3	1	4	—	9.4	-1.5	27.6	33	-2	24	+2	76	0	376	240	173
	RENK																													182
	ROSEIRES											00	—	14	1	5	0	—	10.2	-1.5	24.3	35	+3	21	0	84	13	630	601	172
	EL OBEID											03	8	16	1	1	8	As	10.3	-1.5	23.4	32	-1	22	+1	83	53	301	257	174
	EL FÂSHER											51	8	04	1	5	7	St	—	—	24.5	36	+2	24	+4	69	dr.	297	276	175
	GENEINA											01	8	00	0	1	3	Ac	—	—	23.0	35	—	19	—	83	dr.	361	—	179
	KADUGLI																													187
S. SUDAN	MALAKÂL											54	8	14	4	8	8	As	12.3	+0.3	21.5	35	+4	21	0	94	5	580	709	176
	WAU											03	—	20	2	6	7	—	8.8	-2.6	24.8	34	+2	21	+1	79	9	860	934	177
	JUBA																												772	178

UPPER WINDS ON الرياح العليا يوم

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	P.S. SALUM 27th
7 h. m	8 h. m	7 h. m	8 h. m	8 h. 30 m.	7 h. m.	7 h. m.	3 h. m.	5 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	13 h. m.
02.30.20	02 31 05	02.28.25	02.34.15	02.32.20	02.33.25	02.03.10	03.03.20	06.01.40	06.21.30	06.17.40	07.25.20	06.03.15	02.36.45
05.32.40	05 30 30	05.28.30	05.33.20	05.33.20	05.35.35	05.05.20	06.01.55	10.02.40	10.19.40	10.19.55	10.19.25	10.06.25	05.32.30
10.33.40	07 31 30	10.29.35	10.26.45	08.35.15	10.28.20	10.01.35	10.01.40	15.01.20	15.24.25	15.23.35	15.10.15	15.08.20	10.30.40
15.33.50	10 07 25		12.24.25	10.26.20	15.28.15	15.35.30	15.02.40	20.02.20	20.31.15	20.29.30	20.07.25	20.07.20	15.30.25
20.32.40				15.24.20	20.27.15	20.00.00	20.03.25	30.03.15	30.01.20	30.01.25	30.06.25	30.06.20	20.29.40
23.34.35								33.04.10	40.07.05			31.07.20	

Forecast for 24 hours from noon on

تغيرات الطقس المتوقعة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day HUMIDITY % on 27th	Diff. from normal	Mean of day WET BULB TEMP °C on 27th	Diff. from normal
Alexandria	72	+3	23.4	+1.3
Ezbekiya	57	-6	23.0	+0.3
Giza	61	-4	21.5	-0.8
Helwân	47	-6	20.6	+0.7
Giza Grass minimum on	28th		16.8°C	

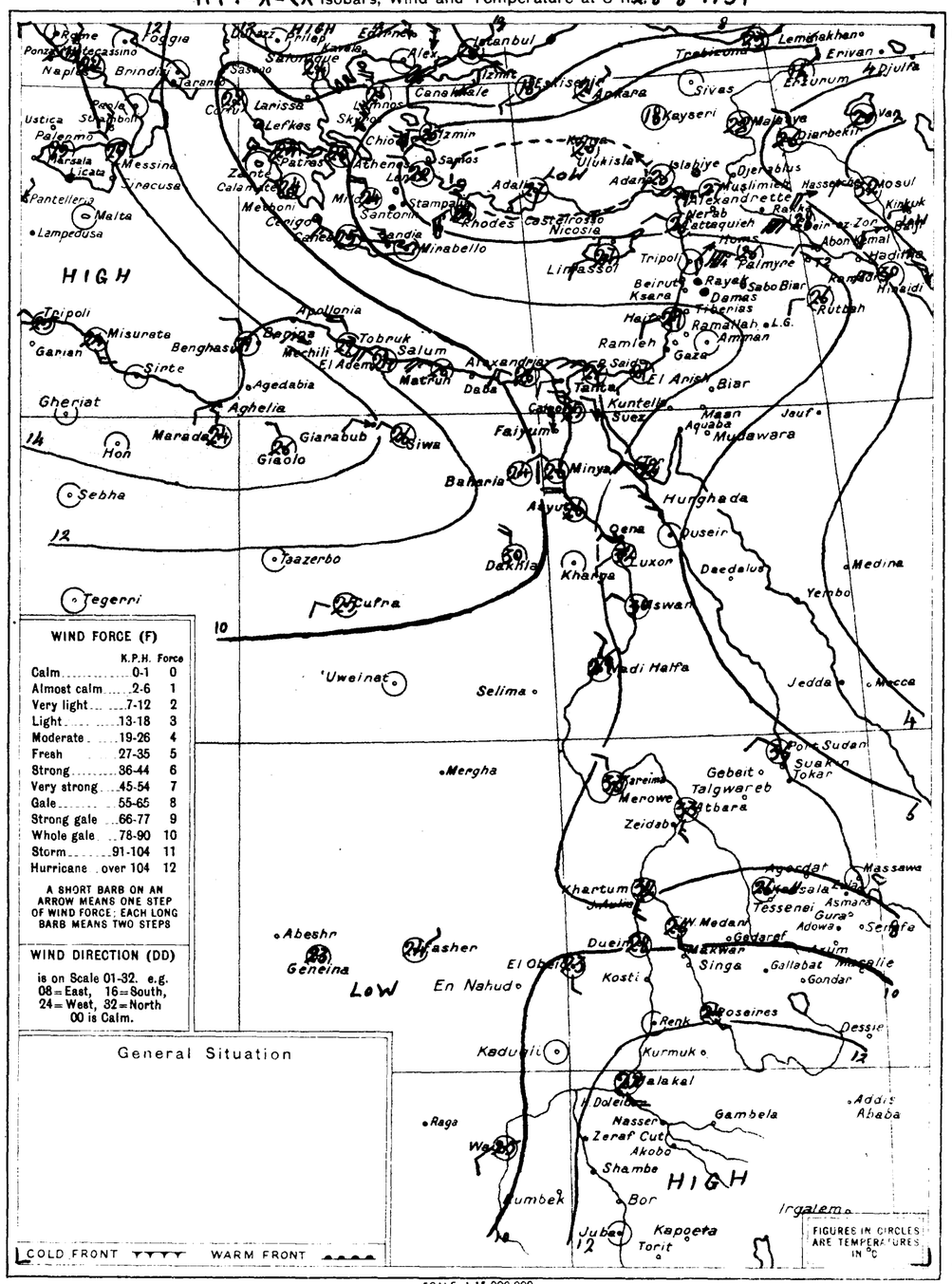
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
28-8	7063	10762
27-8	6774	10703

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-8	13.38	-0.40	13.62	-0.16
Nasser	27-8	9.86	-0.12	9.85	-0.11
Malakâl	28-8	11.97	+0.03	11.97	+0.07
Roseires	28-8	18.50	-0.66	18.98	-0.20
Sennar Res.	27-8	17.20	—	17.19	—
J. Aulia U.S	27-8	376.46	—	376.46	—
J. Aulia D.S	27-8	375.08	-0.24	375.02	-0.28
Khartûm	28-8	15.45	-0.22	15.40	-0.26
Kh. el Girba	27-8	14.46	+0.08	14.50	+0.11
'Atbara	28-8	14.77	-0.38	14.90	-0.23
Kajnarti	27-8	140.74	-0.65	140.62	-0.77
Aswân Res.	28-8	98.55	—	98.85	—
Aswân D.S.	28-8	91.49	-0.51	91.85	-0.60
Roda (Cairo)	28-8	18.00	-0.41	17.83	-0.54

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

١٩٣٩-٨-٢٨ Isobars, Wind and Temperature at 8 h. 28-8-1939



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 ▲▲▲▲

STATION	At 8 h. on 28th الساعة ٨ يوم	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m b s.	Diff. from normal m b s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	RAINFALL Past 24 hrs m m s.	RAINFALL Total from Oct 1 m m s.	RAINFALL Normal from Oct 1 m m s.
		ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU			
Limassol		00	7	22	3	0	0	—	6.4	-3.0	27	—	—	—	—	—	0	610	465
Haifa		01	—	22	2	—	3	—	8.3	+0.5	28.8	32	+1	23	+1	63	0	559	648
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. 29
.. .. Sunset 18 21

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS . PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 28th الساعة ١٤ يوم ٢٨ — At 8 h. on TUESDAY 29th الثلاثاء ٢٩ الساعة ٨ يوم

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 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	02	7	30	6	1	4	Cu	10.6	29.2	51	01	7	28	3	0	2	Cu	12.3	-0.1	23.1	30	—	20	—	82	0	182	—	130
MATRUH	01	6	28	6	1	3	Cu	10.0	27.0	68	01	7	22	3	1	3	Cu	11.8	0.0	26.0	28	0	22	+1	72	0	122	160	131
DIKHEILA	01	8	26	4	1	4	Cu	10.2	27.1	83	01	8	26	3	1	3	Cu	11.9	—	26.3	28	—	25	—	84	0	94	—	150
ALEXANDRIA	02	9	26	4	2	4	Ac	9.4	29.0	60	01	9	28	2	2	3	Ac	11.4	-0.6	26.2	30	-1	24	+1	75	0	166	185	132
DAMIETTA											01	7	20	1	1	3	Cu	10.7	—	26.9	30	—	21	—	78	0	70	107	159
PORT SAÎD	00	8	28	3	1	0	—	8.4	32.0	54	01	7	26	3	1	3	Ac	10.6	+0.8	26.8	33	+2	24	+1	78	0	64	81	134
EL 'ARÎSH	00	7	30	3	0	0	—	8.3	30.0	62	01	7	00	0	1	3	Cu	10.4	—	28.0	30	—	22	—	69	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											01	8	28	2	1	1	Cu	10.8	-0.2	28.0	32	-1	21	+2	69	0	29	103	136
MANSÛRA											00	8	20	1	0	0	—	11.2	—	26.2	33	-2	20	0	75	0	46	55	137
TANTA	02	7	28	2	1	5	Cu	8.6	32.0	49	00	7	00	0	0	0	—	11.4	-0.3	26.0	33	-2	19	-1	80	0	41	43	138
ZAGÂZÎG	01	9	28	3	0	1	Cu	9.8	32.9	54	00	8	26	1	0	0	—	11.8	—	26.9	33	-1	19	0	80	0	31	29	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	8	24	2	0	0	—	9.4	32.8	30	01	6	28	1	0	1	Cu	12.2	—	25.0	33	—	21	—	70	0	18	—	141
EZBEKIYA	00	8	28	2	0	0	—	8.4	33.8	38	01	6	26	1	1	3	Cu	11.4	+0.3	25.7	35	+1	22	+1	73	0	23	28	—
GÎZA	00	8	28	2	0	0	—	8.6	34.0	25	01	7	00	0	0	3	Cu	11.4	+0.2	24.0	35	+2	19	0	83	0	23	28	—
HELWÂN	00	8	28	2	0	0	—	8.4	32.3	28	05	4	00	0	1	4	Cu	11.9	+0.7	23.9	33	-1	20	-1	76	0	26	29	143
SUEZ	01	9	04	2	0	2	Cu	7.4	33.3	46	01	7	04	2	1	3	Cu	11.2	+0.9	24.2	36	+1	23	0	90	0	27	18	144
UPPER EGYPT																													
FAIYÛM	00	8	32	2	0	0	—	8.8	32.8	36	01	7	30	2	0	2	Cu	11.8	+0.3	25.1	35	0	21	0	75	0	7	8	153
MINYA	00	7	30	3	0	0	—	8.3	35.5	29	00	7	32	2	0	0	—	11.2	+0.8	25.5	36	+2	21	0	67	0	4	—	154
ASYÛT	00	7	26	4	0	0	—	8.0	34.9	25	00	7	28	3	0	0	—	10.7	+0.6	28.0	36	+1	22	0	51	0	2	4	155
QENA	00	8	26	4	0	0	—	5.9	39.6	26	00	8	22	1	0	0	—	9.5	+1.2	29.2	41	+2	23	0	50	0	dr.	—	156
LUXOR	00	8	26	3	0	0	—	—	39.2	29	00	8	30	1	0	0	—	—	—	31.5	40	—	21	—	44	0	dr.	—	157
ASWÂN	00	7	30	4	0	0	—	4.8	40.5	13	00	7	30	4	0	0	—	9.4	+0.9	29.7	42	+1	26	+1	29	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	24	1	0	0	—	12.2	33.4	60	00	8	00	0	0	0	—	13.6	+1.8	25.8	35	-2	18	-2	—	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	9.8	35.0	32	00	9	00	0	0	0	—	11.4	—	24.0	—	—	20	—	79	0	1	—	149
KHARGA	00	8	04	3	0	0	—	6.7	37.4	25	00	8	32	2	0	0	—	11.2	+1.5	28.5	38	-1	23	+2	39	0	dr.	tr.	151
DAKHLA	00	7	26	3	0	0	—	9.8	35.4	20	00	7	28	2	0	0	—	12.8	+2.1	27.0	36	-3	23	+1	43	0	dr.	—	152
RED SEA																													
TÔR	00	6	28	4	0	0	—	4.8	34.3	39	00	6	28	4	0	0	—	7.8	+0.5	31.3	38	+5	27	+3	41	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	3.9	34.2	51	00	9	30	5	0	0	—	8.6	+0.9	30.1	36	+1	26	+1	59	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	5.9	32.0	55	00	7	32	4	0	0	—	8.0	+0.4	31.0	34	0	27	0	49	0	tr.	6	147
PORT SUDAN											00	—	20	1	0	0	—	7.4	+0.5	37.4	39	-1	29	+2	19	0	81	122	169
NORTH SUDAN																													
WÂDI HALFA											01	8	32	4	0	2	AcCi	9.6	+0.3	29.3	42	+2	25	+2	29	—	—	—	165
KAREIMA											05	7	32	4	0	2	Ac	8.4	-0.3	34.1	44	+4	29	+3	18	0	13	29	166
'ATBARA											00	—	20	2	0	0	—	7.4	-0.8	34.0	43	+3	29	+4	30	0	52	72	167
KHARTÛM											01	8	18	3	1	4	AcCi	9.6	+0.3	29.2	40	+2	27	+2	58	0	64	127	168
KASSALA											01	8	14	3	1	4	Ac	9.5	-2.0	27.0	35	+1	24	+1	63	0	296	263	170
CENTRAL SUDAN																													
WAD MEDANI											01	—	20	4	0	4	—	9.3	-1.3	26.9	32	-3	23	+2	73	dr.	443	318	171
DUEIM											01	—	—	3	0	4	—	10.7	-0.2	26.4	34	-1	24	+2	71	0	376	244	173
RENK																			—	—	—	—	—	—					182
ROSEIRES											00	—	14	1	0	0	—	11.2	-0.5	24.8	34	+2	22	+1	83	0	630	608	172
EL OBEID											01	8	16	2	0	4	Ac	10.1	-1.7	25.5	31	-2	23	+2	76	0	301	261	174
EL FÂSHER											02	8	20	1	1	5	Ac,Cs	—	—	24.3	36	+2	24	+4	83	dr.	297	281	175
GENEINA											02	8	24	1	1	5	Ac,As	—	—	23.9	35	—	21	—	83	0	361	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL											01	8	30	3	1	4	Ac	11.8	-0.6	24.7	29	-2	21	0	84	3	583	715	176
WÂU											03	—	24	1	6	7	—	11.2	-0.1	24.0	33	+1	22	+2	91	48	908	941	177
JÛBA																												775	178

UPPER WINDS ON 29th الرياح العليا يوم ٢٩

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	SALUM 28th
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.	7 h. m.	h. m.	13 m.
02.33.25	02.31.25	02.29.20	02.33.20	02.30.05	02.31.15	02.35.20	06.02.65	06.02.20	06.17.40	06.17.30	07.20.30	06.35.05		02.34.40
05.33.30	05.31.25	05.30.20	05.01.10	05.34.05	05.35.35	05.35.40	10.36.55	10.03.45	10.20.60	10.22.40	10.22.25	10.20.10		05.31.35
10.33.20	10.31.20	10.32.15	10.02.25	08.36.10	10.32.35	10.01.35	15.35.20	15.04.45	15.23.35	15.21.10	15.13.05	15.19.15		10.32.40
15.31.30	15.33.30	15.34.15	15.01.25	10.30.20	15.32.45	15.24.15	20.33.20	20.05.25	20.25.20	20.01.15	20.03.10	20.17.30		13.32.45
20.30.40	19.33.35	20.32.20	19.33.20	12.30.25		20.23.30	30.35.15	30.34.10	25.35.25	29.04.25	30.36.15	30.11.35		15.32.80
25.30.45		25.32.30	Tail			25.24.20	32.35.20	40.28.10	30.32.05			40.08.35		16.31.75
26.30.55						30.24.20		47.25.05	40.06.10			48.08.35		20.29.20
									50.06.10					23.30.25
									60.08.25					
									70.11.35					

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	67	-2	22.4	+0.4
Ezbekîya	55	-8	22.1	-0.6
Gîza	62	-3	21.5	-0.8
Helwân	55	+2	20.7	+0.9

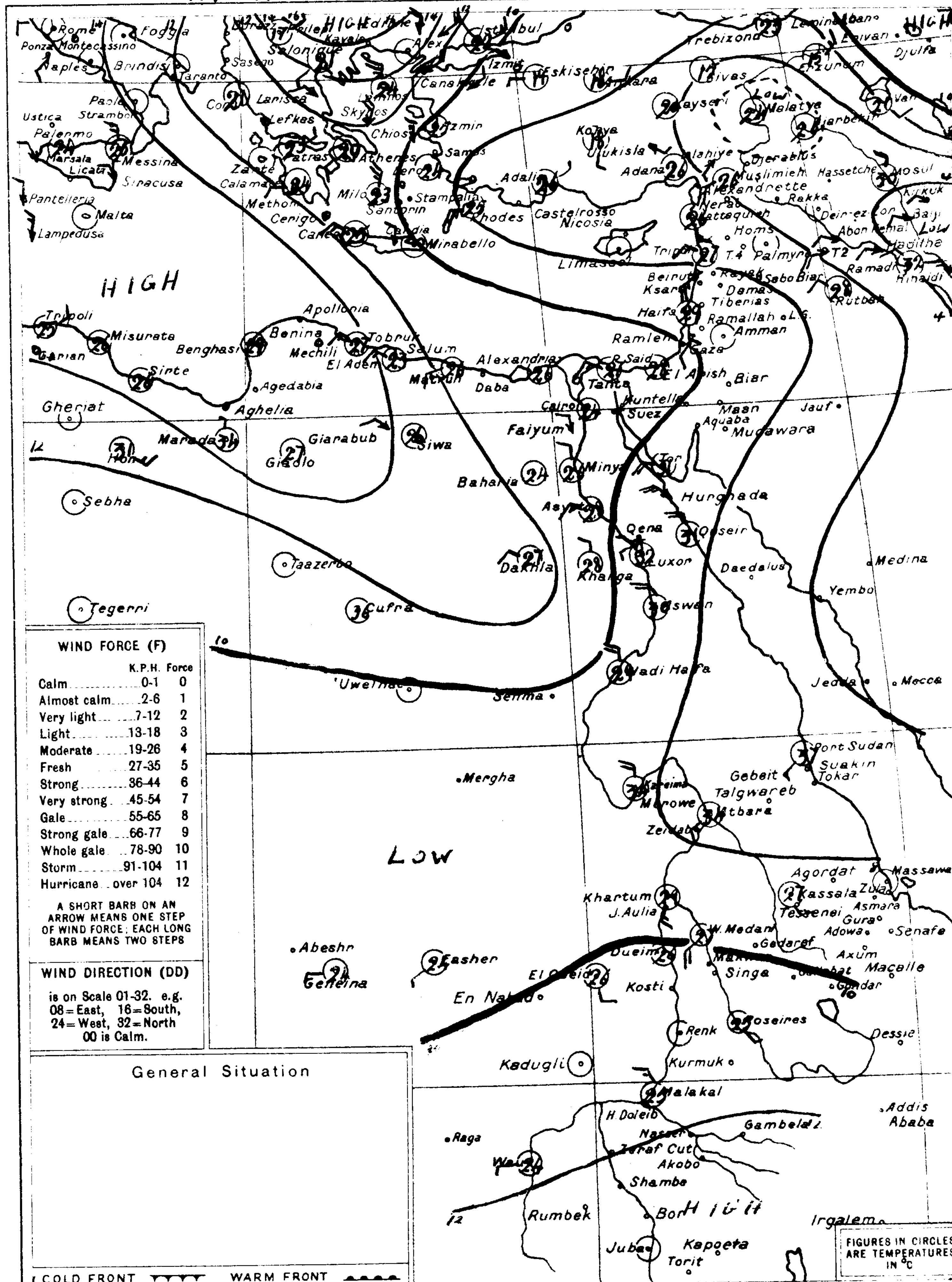
Gîza Grass minimum on 29th 13.7 °C

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

DATE	1939	1938
29-8	7255	11064
28-8	7063	10762

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-8	13.48	-0.31	13.38	-0.40
Nâsser	28-8	9.89	-0.12	9.86	-0.12
Malakâl	29-8	11.98	+0.06	11.97	+0.05
Roseires	29-8	18.30	-0.84	18.50	-0.66
Sennâr Res.	28-8	17.19	—	17.20	—
J. Aulia U.S	28-8	376.47	—	376.46	—
J. Aulia D.S	28-8	375.10	-0.25	375.08	-0.24
Khartûm	28-8	15.45	-0.32	15.40	-0.26
Kh. el Girba	28-8	14.49	+0.13	14.46	+0.08
'Atbara	28-8	14.77	-0.38	14.90	-0.23
Kajnarti	28-8	140.88	-0.61	140.76	-0.65
Aswân Res.	29-8	98.05	—	98.55	—
Aswân D.S.	29-8	91.60	-0.413	91.49	-0.51
Rôda (Cairo)	29-8	18.11	-0.32	18.00	-0.41

Isobars, Wind and Temperature at 8 h. 29-8-1939 ١٩٣٩-٨-٢٩



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

At 8 h. on 29th الساعة ٨ يوم ٢٩

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	Total from Oct 1	Normal from Oct 1
Limassol Haifa	01	—	16	3	—	3	—	9.9	+1.9	29.2	32	+1	25	+3	50	0	554	465 648
Kharga 28th	00	8	32	3	0	0	—	8.4	-1.2	29.2	38	-1	24	+3	33	0	dr	tr
SHIPS																		

Remarks

The disc. at Aswan published on 25-8 should be considered for 24 & 23-8-39 instead of 25 & 24-8 respectively.

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 30
Time of Sunset 18 20

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1939 أغسطس

29th ٢٩ — WEDNESDAY 30th الأربعاء ٣٠

147 F.C.

Station	29th ww	V	DD	F	W	N	C	PPP	Max	Hum	30th ww	V	DD	F	W	N	C	PPP	Diff	Dry	Max	Diff	Min	Diff	Hum	Rain	Total	
	02	8	02	6	1	4	Cu	11.9	26.8	74	00	7	28	3	0	0	—	13.0	+0.5	23.3	31		19		81	0	182	
	01	7	28	3	0	2	Cu	12.8	26.7	67	01	7	20	2	1	3	Cu	12.3	+0.3	25.2	28	0	21	0	73	0	122	160
	01	8	26	4	1	2	Cu	12.4	26.8	86	01	8	26	2	1	3	Cu	12.8	—	26.0	29		24		80	0	94	
	01	9	30	4	2	3	Ac	11.1	27.8	67	01	9	24	2	2	3	Ac	11.9	-0.2	25.8	29	-2	24	+1	71	0	166	185
											01	8	18	2	1	3	Cu	11.6	—	26.8	29		22		77	0	70	107
	00	8	32	2	0	0	—	10.6	32.2	54	02	8	28	3	1	5	Cb	11.6	+1.7	26.8	33	+2	24	+1	74	0	64	81
	00	7	30	4	1	0	—	9.9	29.2	65	00	7	00	0	0	0	—	11.0	—	28.9	30		20		65	0	130	93
											01	8	24	2	1	1	Cu	10.7	-0.5	27.4	33	0	21	+2	70	0	29	103
											00	8	12	1	0	0	—	11.9	—	26.2	32	-3	21	+1	73	0	46	55
	02	7	00	0	1	4	Cu	10.8	32.0	49	00	7	00	0	0	0	—	12.3	+0.5	25.5	33	-2	19	-1	84	0	41	43
	01	9	30	1	1	3	Cu		32.9	55	01	8	28	2	0	1	Cu	12.4	—	27.6	33	-1	20	+1	76	0	31	29
	01	8	02	3	1	3	Cu	11.0	31.2	41	05	6	00	0	1	3	Cu	12.4	—	25.2	32		22		74	0	18	
	01	8	30	1	1	4	Cu	10.2	32.1	40	02	5	28	1	1	4	Cu	12.0	+0.8	26.1	34	0	22	+1	74	0	23	28
	01	8	30	1	0	4	Cu	10.2	32.0	38	01	7	00	0	1	4	Cu	12.0	+0.7	24.0	33	0	21	+2	85	0	23	28
	01	8	30	4	1	2	Cu	9.6	31.1	35	09	6	00	0	1	4	Cu	12.0	+0.7	24.1	33	-1	21	0	81	0	26	29
SUEZ	01	9	30	3	0	1	Cu	9.4	31.6	39	01	7	32	2	0	1	Cu	11.0	+0.6	26.2	34	-1	22	-1	73	0	27	18
	00	8	30	1	0	0	—	10.0	32.0	38	00	7	32	2	0	0	—	12.0	+0.4	24.9	35	0	22	+1	77	0	7	8
	00	8	30	3	1	0	—	9.9	32.3	39	00	8	04	2	0	0	—	11.1	+0.6	25.3	33	-1	22	+1	71	0	4	
	00	8	22	4	0	0	—	9.0	33.1	30	00	6	20	3	0	0	—	11.2	+1.0	27.0	34	-1	22	0	63	0	2	4
	01	8	22	4	1	4	Cs	7.1	37.5	29	00	8	26	4	0	0	—	9.4	+1.0	29.7	39	0	24	+1	47	0	dr.	
	00	8	30	3	0	0	—	—	37.3	33	00	8	32	3	0	0	—	—	—	31.0	39		22		47	0	dr.	
	00	7	30	4	0	0	—	6.7	37.0	18	00	7	32	2	0	0	—	9.5	+0.9	29.5	40	-1	24	-1	34	0	1	—
	00	8	28	1	0	0	—	13.3	35.0	58																	7	8
	00	9	00	0	0	0	—	10.0	33.5	35	00	9	00	0	0	0	--	12.7		25.5	34		21	—	72	0	1	
	00	8	04	3	0	0	—	10.0	36.9	27	00	8	32	2	0	0	—	11.4	+1.6	28.7	37	-2	21	0	38	0	dr.	tr.
	00	7	02	4	0	0	—	10.6	34.0	22	00	8	04	2	0	0	—	13.4	+2.6	28.5	36	-3	22	0	37	0	dr.	
	01	6	28	5	0	1	Cu	6.4	31.0	54																	20	13
	00	9	02	3	0	0	—	6.7	33.1	55	00	9	30	5	0	0	—	7.1	-0.7	30.5	34	0	24	0	55	0	1	—
	01	7	02	2	0	1	Ci	7.1	31.0	65	00	7	32	3	0	0	—	8.3	+0.6	30.5	33	-1	26	-1	54	0	tr.	6
											02	—	28	2	0	4	—	6.6	-0.3	37.6	40	+1	28	+1	27	0	81	122
											01	8	02	3	0	2	Cs	10.4	+1.1	28.3	39	-1	23	0	33	—	—	
KAREIMA											02	8	02	2	1	5	Cs	10.1	+1.3	31.8	43	+1	27	+1	14	0	13	30
ATBARA											03	—	20	3	3	7	—	8.7	+0.5	30.0	43	+3	27	+2	53	0	52	73
KHARTUM											18	5	16	5	1	5	Ac,Cs	9.5	+0.2	29.6	40	+2	27	+2	59	0	64	130
KASSALA											01	8	14	3	1	3	Ac	11.2	-0.3	24.7	36	+2	21	-2	76	19	315	267
WAD MEDANI											03	—	18	4	1	7	—	11.1	+0.5	25.2	35	0	23	+2	74	0	443	323
DUEIM											03	—	—	4	2	7	—	10.8	-0.1	25.8	35	0	23	+1	81	0	376	248
RENK																												
ROSEIRES											02	—	14	1	0	4	—	12.4	+0.7	23.8	35	+1	22	+1	84	5	635	615
EL OBEID											03	8	20	3	1	6	Ac,Cs	10.3	-1.5	25.7	34	+1	24	+3	76	dr.	301	265
EL FASHER											21	8	04	3	1	5	Cs,St,Ac	—	—	25.5	33	-1	22	+2	70	dr	297	286
GENEINA											03	8	20	1	1	6	Ac	—	—	22.3	33	—	19	—	91	28	389	—
KADUGLI																												
MALAKAL											03	8	10	3	1	6	Ac	12.2	-0.2	26.3	32	+1	24	+3	89	0	583	721
WAU											03	—	24	1	1	7	—	11.1	-0.2	24.0	32	0	22	+2	87	0	908	948
JUBA																												778

Upper Winds are in the code HHDDVV where HH is height above sea level in hundreds of metres. DD is Direction [illegible] of North in tens of degrees. VV is Velocity in kilometres per hour.

30th

SALUM	[illegible]	[illegible]	CAIRO	[illegible]	ASYUT	ASWAN	WADI HALFA	KAREIMA	[illegible]	KASSALA	EL OBEID	MALAKAL	P.Said A.P	SALUM 29th
7h	7h	7h	8h	8h 30m	7h	7h	4h	5h	7h	7h	7h	7h	7h	13h
02.31.20	02.30.15	02.28.20	02.33.05	02.29.10	02.35.15	02.35.15	03.02.25	06.04.30	06.15.60	06.21.05	07.25.30	06.19.05	02.27.20	02.02.35
05.34.25	05.31.20	05.29.15	05.04.05	05.36.10	05.35.30	05.36.20	06.36.45	10.05.30	10.18.35	10.30.15	10.26.40	10.20.15	05.31.15	05.31.30
10.35.20	07.32.20	10.29.25	Ext. Cu.	08.04.15	10.34.60	10.01.25	10.36.40	15.04.55	15.14.20	15.06.05	15.30.10	15.22.15	10.33.10	10.30.15
15.31.35	10.07.25	15.29.25		10.04.15	15.33.50	15.27.05	15.35.30	20.02.25	20.09.05	20.00.00	20.13.10	20.20.10		15.29.25
20.29.40		20.31.30		14.35.20	20.34.55	20.26.10	20.35.15	30.32.10	30.15.10	30.03.10	23.01.10	30.09.10		20.30.30
25.30.40		25.29.30				25.25.15	22.35.20	33.27.15	40.03.20	40.10.25		36.10.10		
30.30.40		30.28.35								43.12.20				
32.29.45		35.27.30												
		40.27.40												
		45.27.40												

Forecast for 24 hours [illegible]

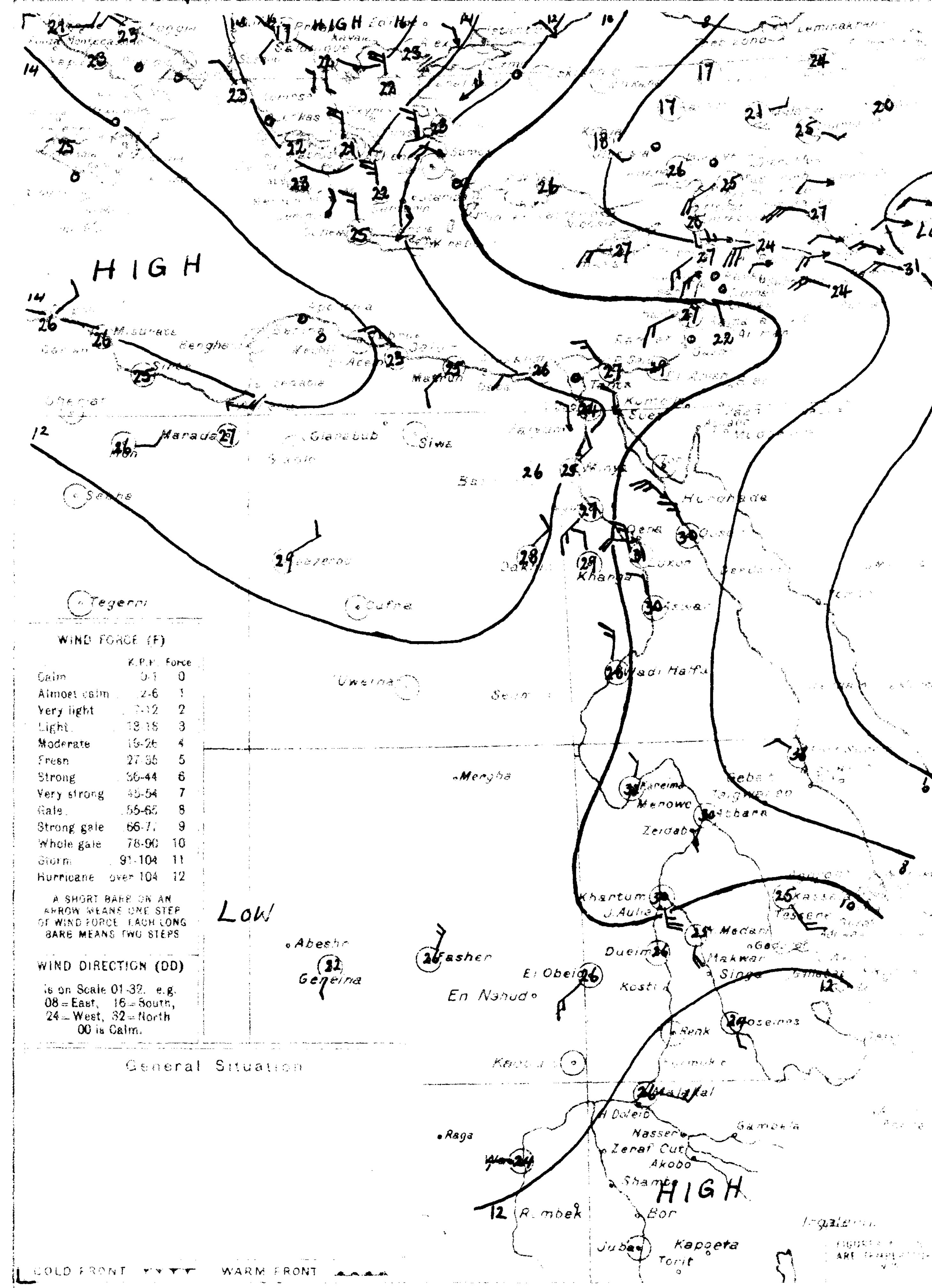
Station	Mean humidity on 29th	Diff	Mean dry bulb temp. 29th	Diff from normal
Alexandria	72	+3	22.9	+0.9
[illegible]	60	-3	22.5	-0.1
Giza	70	+5	22.2	0.0
[illegible]	56	+3	20.7	+0.9
Giza [illegible]		30th	15.0	

Discharge at Aswan

Date	1939	1938
30-8	7419	11025
29-8	7235	11064

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	29-8	13.50	-0.29	13.48	-0.31
Nasser	29-8	9.93	-0.09	9.89	-0.12
Malakal	30-8	11.99	+0.06	11.98	+0.06
Roseires	30-8	18.65	-0.47	18.30	-0.84
Sennar [illegible]	29-8	17.20	—	17.19	—
J. Aulia U.S.	29-8	376.50	—	376.47	—
J. Aulia D.S.	29-8	375.07	-0.30	375.10	-0.25
Khartoum	29-8	15.48	-0.21	15.45	-0.22
[illegible]	29-8	14.49	+0.16	14.49	+0.13
Atbara	30-8	14.60	-0.54	14.73	-0.42
[illegible]	29-8	141.01	-0.54	140.88	-0.61
Aswan Res.	30-8	97.50	—	98.05	—
Aswan D.S.	30-8	91.68	-0.38	91.60	-0.43
Roda (Cairo)	30-8	18.17	-0.29	18.11	-0.32

Isobars, Wind and Temperature at 8h 30-8-1939 ١٩٣٩-٨-٣٠



At 8h on 30th

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	Dry Bulb	Max. Yester-day	Diff.	Min.	Diff.	Humidity	Rainfall Past 24 hrs.	Total	Normal
LIMASSOL	01	7	24	3	0	2	—	8.8	-0.8	27	—	—	—	—	—	0	—	465
HAIFA	01	—	22	3	—	4	—	11.2	+3.1	27.2	31	0	24	+2	55	0	559	648

SHIPS

HOURS ARE [illegible] STANDARD TIME [illegible] AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME.

CAIRO
Time of Sunrise 5 31
" " Sunset 18 19

Month AUGUST 1939 ١٩٣٩ شهر أغسطس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

٢١-٨-١٩٣٩ Isobars, Wind and Temperature at 8 h. 31-8-1939.

At 14 h. on 30th الساعة ١٤ يوم ٣٠ — At 8 h. on THURSDAY 31st الساعة ٨ يوم الخميس ٣١

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	02	8	02	6	1	4	Cu	13.0	26.3	76	02	7	06	2	1	4	Cu	14.2	+1.6	24.5	28	—	22	—	77	0	182	—	130
	MATRUH	01	7	28	4	0	1	Cu	12.8	27.2	73	01	7	26	1	1	3	Cu	13.1	+1.0	25.3	28	0	21	0	72	0	122	160	131
	DIKHEILA	01	8	26	3	1	3	Cu	13.0	27.0	84	01	8	30	2	1	4	Cu	13.5	—	26.0	28	—	25	—	77	0	94	—	150
	ALEXANDRIA	02	9	28	3	2	4	Ac	12.3	28.4	61	02	9	04	1	2	4	Ac	13.0	+0.8	26.4	30	-1	24	+1	66	0	166	185	132
	DAMIETTA											02	8	30	1	1	5	Cu	12.0	—	26.0	30	—	21	—	62	0	70	107	159
	PORT SAID	00	8	28	3	1	0	—	11.0	32.5	49	02	8	04	3	2	5	Cu	12.4	+24	28.6	33	+2	24	+1	63	0	64	81	134
	EL ARISH											01	7	20	1	1	3	Cu	13.1	—	27.9	30	—	20	—	66	0	130	93	135
LOWER EGYPT	DAMANHUR											01	8	32	2	1	1	Cu	11.8	+0.5	26.9	32	-1	20	+1	66	0	29	103	136
	MANSURA											01	7	32	2	1	3	Cu	12.4	—	26.2	33	-2	22	+2	73	0	46	55	137
	TANTA	02	7	00	0	1	5	Cu	11.5	31.5	51	00	7	00	0	0	0	—	12.6	+0.7	26.0	32	-3	18	-2	76	0	41	43	138
	ZAGAZIG	02	9	28	1	1	4	Cu	11.4	32.8	57	01	8	20	1	0	3	Cu	13.3	—	26.9	33	-1	19	0	77	0	31	29	139
MIDDLE EGYPT (CAIRO)	ALMAZA	01	8	32	3	1	3	Cu	11.6	31.1	42	01	8	02	2	0	3	Sc	12.8	—	26.1	32	—	21	—	66	0	18	—	141
	EZBEKIYA	01	8	30	1	1	3	Cu	11.1	31.6	40	01	6	02	2	1	2	Cu	12.6	+1.4	26.1	33	-1	21	0	73	0	23	28	—
	GIZA	01	8	30	1	1	3	Cu	10.7	31.7	40	01	6	32	1	0	3	Cu	12.6	+1.2	24.1	32	-1	20	+1	80	0	23	28	—
	HELWAN	01	8	26	3	1	3	Cu	11.1	30.8	34	01	7	02	4	1	4	Cu	12.3	+0.9	25.3	32	-2	22	+1	67	0	26	29	143
	SUEZ	01	9	28	2	0	1	Cu	10.2	31.3	52	01	7	32	1	1	4	Cu	12.3	+1.9	26.2	34	-1	22	-1	67	0	27	18	144
UPPER EGYPT	FAIYUM	01	8	32	3	0	2	Cu	10.8	32.0	36	00	7	32	3	0	0	—	10.8	-0.9	25.1	34	-1	21	0	74	0	7	8	153
	MINYA	00	6	02	4	0	0	—	10.0	33.1	37	00	7	02	2	0	0	—	11.5	+1.0	25.6	34	0	21	0	70	0	4	—	154
	ASYUT	00	8	26	4	0	0	—	9.6	33.8	27	00	6	22	3	0	0	—	11.1	+0.8	26.5	35	0	21	-1	59	0	2	4	155
	QENA	00	8	26	4	0	0	—	6.8	39.0	23	00	8	30	3	0	0	—	8.8	+0.4	29.9	40	+1	24	+1	43	0	dr.	—	156
	LUXOR	00	8	26	2	0	0	—	—	37.3	25	00	8	02	2	0	0	—	—	—	30.2	39	—	22	—	52	0	dr.	—	157
	ASWAN	00	7	32	3	0	0	—	7.1	37.2	19	00	7	32	3	0	0	—	9.4	+0.7	29.4	39	-2	25	0	36	0	1	—	158
	SIWA	00	8	00	0	0	0	—	13.9	35.4	60																	7	8	145
	BAHARIYA	00	9	30	3	0	0	—	11.0	33.2	44	00	9	00	0	0	0	—	11.4	—	24.0	34	—	20	—	75	0	1	—	149
	KHARGA	00	8	04	4	0	0	—	9.6	37.1	27	00	8	32	1	0	0	—	10.0	+0.1	29.1	37	-2	23	+2	39	0	dr.	tr.	151
	DAKHLA	00	8	30	4	0	0	—	11.5	35.0	19	00	7	24	1	0	0	—	12.4	+1.5	28.4	36	-2	22	0	37	0	dr.	—	152
RED SEA	TOR	01	6	28	6	0	1	Cu	6.8	30.5	68	00	6	28	5	0	0	—	7.6	+0.2	28.0	33	0	26	+2	76	0	20	13	145
	HURGHADA	00	9	04	4	0	0	—	6.8	32.5	61	00	9	30	4	0	0	—	8.3	+0.4	29.8	33	-1	25	+1	60	0	1	—	146
	QUSEIR	01	7	02	3	0	1	Ci	7.4	30.1	65	01	7	32	3	0	1	Ci	8.0	+0.2	30.9	33	-1	26	-1	46	0	tr.	6	147
	PORT SUDAN											00	—	20	1	0	0	—	7.4	+0.5	38.5	39	0	29	+2	23	0	81	122	169
NORTHERN SUDAN	WADI HALFA											01	8	32	3	0	1	Ac	10.7	+1.3	28.2	39	-1	25	+2	39	—	—	—	165
	KAREIMA											05	7	02	4	1	3	Cs	9.9	+1.1	32.0	41	+1	25	-1	19	0	13	30	166
	ATBARA											00	—	20	2	0	0	—	8.2	-0.1	33.6	40	0	29	+4	40	0	52	75	167
	KHARTUM											02	8	20	3	8	5	Ac,Ci	8.0	-1.3	28.6	39	+1	27	+2	58	dr.	64	132	168
	KASSALA											02	8	14	3	1	5	Ac,Ci	9.2	-2.3	28.0	35	+1	23	0	57	dr.	315	271	170
CENTRAL SUDAN	WAD MEDANI											00	—	20	4	0	0	—	9.8	-0.8	27.9	33	-2	23	+2	71	0	443	328	171
	DUEIM											01	—	—	3	0	4	—	10.2	-0.6	27.6	34	-1	24	+2	74	0	376	251	173
	RENK																													182
	ROSEIRES											03	—	12	1	1	7	—	11.0	-0.7	24.3	34	+1	22	+1	76	dr.	635	622	172
	EL OBEID											03	8	16	1	1	6	Ac,Ci	10.3	-1.4	24.5	35	+1	21	0	76	0	301	268	174
	EL FASHER											01	8	30	3	0	4	Ci	—	—	23.8	36	+2	20	0	67	0	297	291	175
	GENEINA											03	8	20	3	1	6	Ac	—	—	22.1	33	—	20	—	91	0	389	—	179
	KADUGLI																													187
S. SUDAN	MALAKAL											03	8	04	2	8	6	Ac,As	11.1	-1.3	23.8	32	0	22	+1	89	dr.	583	727	176
	WAU											03	—	28	2	6	7	—	11.1	-0.2	23.0	33	+1	22	+2	88	41	949	955	177
	JUBA											01	8	30	1	1	3	Cu,Ac	12.1	-0.5	23.0	31	-1	20	0	91	24	872	781	178

UPPER WINDS ON 31st — الرياح العليا يوم ٣١

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

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA 7 h. m.	CAIRO h. m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 3 h. m.	KAREIMA 4 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	P. Said A.P. 7 h. m.	SALUM 30th 13 h. m.
02.03.10	02.35.10	02.36.10		02.05.20	02.33.15	02.35.10	03.03.25	06.01.45	06.23.35	06.17.15	07.26.20	06.20.05	02.35.15	02.04.30
05.04.15	05.36.10	05.36.10		05.04.25	05.36.40	05.35.40	06.36.50	10.01.40	10.22.35	10.19.15	10.30.25	10.19.10	05.36.10	05.36.30
10.04.20	10.36.15	10.36.15		08.03.30	10.34.45	10.01.25	10.34.40	15.01.30	15.25.15	15.01.10	15.01.15	15.16.10	10.34.15	07.32.10
11.02.20	15.33.15	15.35.15		10.03.30	15.33.40	15.31.10	15.35.40	20.33.15	20.05.15	20.02.10	20.03.15	20.09.25	15.34.20	10.29.15
15.33.25	20.31.15	20.32.15		15.02.30	20.33.35	20.24.10	16.34.25	30.01.20	25.05.15		30.05.30		17.34.15	15.29.20
20.31.30		25.31.15		20.36.20				33.01.20	30.10.20		40.09.15			20.30.30
25.32.30		30.31.20		Ent. Cu.					40.10.25					25.31.35
28.30.30		35.31.10							50.11.15					30.30.30
		40.31.10							61.08.10					32.30.45
		45.29.25												

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	71	+2	22.4	+0.5
Ezbekiya	63	0	22.3	-0.3
Giza	70	+5	22.1	-0.1
Helwan	65	+12	21.3	+1.5

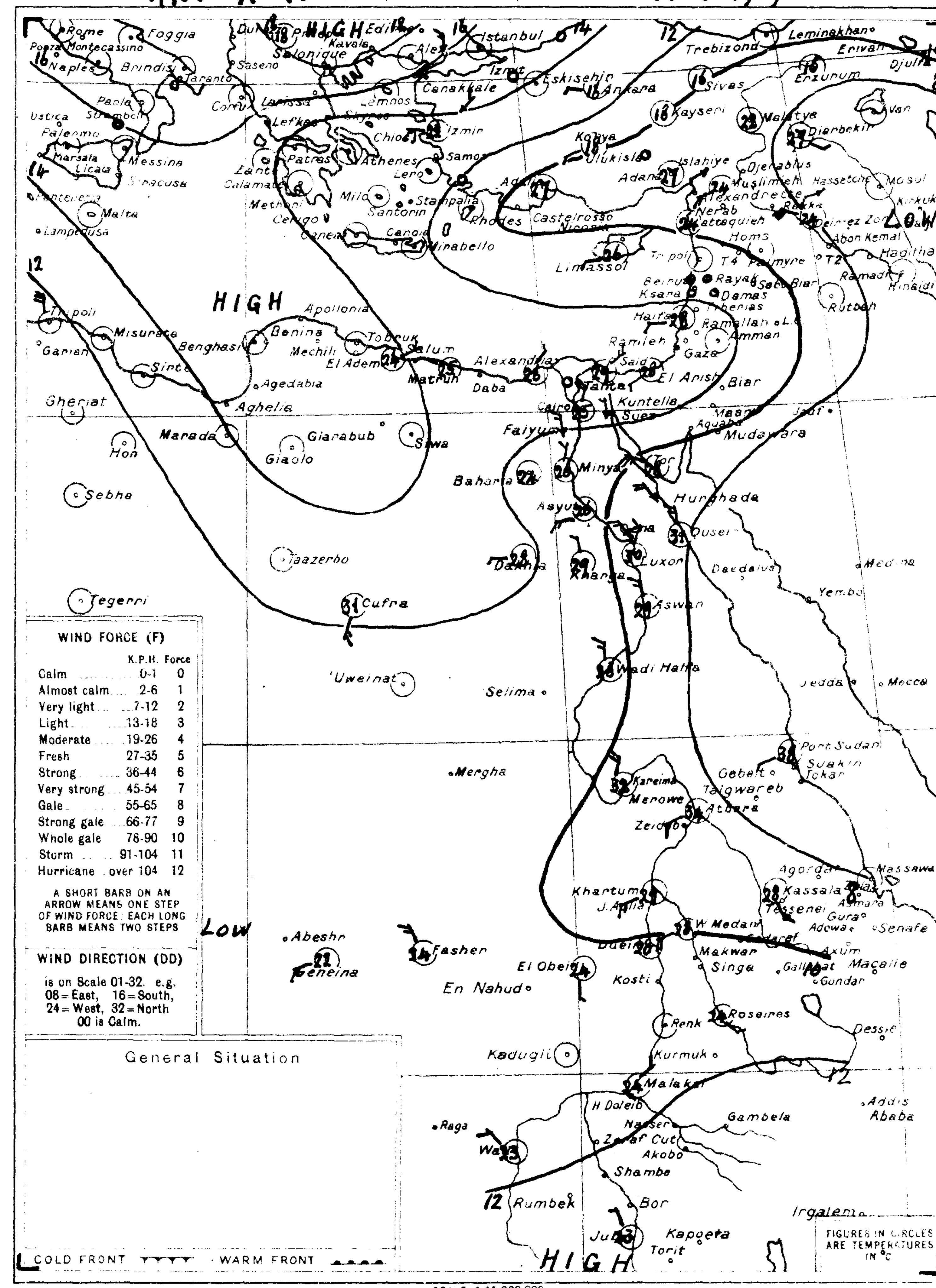
Giza Grass minimum on 31st 13.7 °C

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

DATE	1939	1938
31-8	7558	11124
30-8	7419	11025

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	31-8	13.49	-0.31	13.50	-0.30
Nasser	30-8	9.94	-0.10	9.93	-0.09
Malakal	30-8	11.99	+0.06	11.98	+0.06
Roseires	31-8	18.50	-0.61	18.65	-0.47
Sennar Res	30-8	17.20	—	17.20	—
J. Aulia U.S	30-8	376.48	—	376.50	—
J. Aulia D.S	30-8	374.99	-0.41	375.07	-0.30
Khartum	31-8	15.25	-0.44	15.43	-0.26
Kh. el Girba	30-8	14.46	+0.18	14.49	+0.16
Atbara	30-8	14.60	-0.54	14.73	-0.42
Kajnarti	30-8	141.21	-0.41	141.01	-0.54
Aswan Res.	31-8	97.00	—	97.50	—
Aswan D.S	31-8	91.75	-0.33	91.68	-0.38
Roda (Cairo)	31-8	18.21	-0.28	18.17	-0.29

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

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	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	1	0	2	—	10.4	+0.6	26	—	—	—	—	—	0	—	465
Haifa	02	—	22	2	—	4	—	12.2	+4.0	27.8	31	0	24	+2	60	0	559	648
Siwa 30th	00	8	00	0	0	0	—	11.8	-0.1	27.0	35	-2	19	-1	80	0	7	8

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	[illegible]
Thunder, no rain	[illegible]
Distant Duststorm	[illegible]
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	20 [illegible]
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick haze	[illegible]
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	[illegible]
Snow	70-79
Showers	80-89
" of Snow	[illegible]
" of Sleet	[illegible]
" of Hail	[illegible]
Thunderstorm	90-99
" after heavy Rain	[illegible]
" with Hail	[illegible]
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 31
" " Sunset 18 18

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٩-٩-١

At 14 h. on 31st — الساعة ١٤ يوم ٣١ | At 8 h. on FRIDAY 1st — الساعة ٨ يوم الجمعة أول

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 mm	Total from Oct 1 mm	Normal from Oct 1 mm	Station Number
MEDITERRANEAN																													
SALÛM	02	8	02	4	1	3	Cu	14.8	25.6	69	01	7	30	3	0	3	Cu	14.7	+1.9	23.6	26	—	20	—	72	0	182	—	130
MATRÛH	01	8	28	4	0	2	Cu	12.6	27.4	62	01	8	32	2	0	3	Cu	13.6	+1.4	26.0	30	+2	24	+3	66	0	122	160	131
DIKHEILA	01	8	32	4	1	1	Cu	14.0	26.2	82	01	8	30	4	1	4	Cu	13.8	—	25.0	27	—	24	—	79	0	94	—	150
ALEXANDRIA	01	9	04	3	5	3	Ac	13.4	27.8	58	02	9	04	2	2	5	Ac	13.4	+1.1	25.0	29	-2	24	+1	61	dr	166	185	132
DAMIETTA											01	8	04	1	1	4	Cu	12.4	—	27.2	28	—	20	—	63	0	70	107	159
PORT SAÎD	01	8	28	4	1	3	Cu	11.4	30.5	52	02	7	28	2	1	4	Cu	12.3	+2.2	26.6	32	+1	24	+1	72	0	64	81	134
EL 'ARISH	00	7	30	4	1	0	—	10.4	29.0	59	01	7	00	0	1	3	Cu	12.0	—	27.5	30	—	20	—	65	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											01	7	32	2	1	2	Cu	13.4	+2.1	27.0	32	-1	20	+1	62	0	29	103	136
MANSURA											02	7	20	1	1	5	Cu	13.3	—	24.8	32	-3	19	-1	73	0	46	55	137
TANTA	02	7	30	3	1	5	Cu	11.9	31.0	48	00	7	00	0	0	0	—	13.4	+1.4	26.0	32	-3	17	-3	76	0	41	43	138
ZAGAZIG	02	9	30	1	1	4	Cu	12.2	31.9	57	00	8	30	1	0	0	—	13.4	—	26.3	32	-2	18	-1	73	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	32	3	1	4	Cu	12.0	31.8	45	01	7	02	1	0	2	Sc	13.5	—	24.0	32	—	19	—	68	0	18	—	141
CAIRO EZBEKIYA	02	7	30	2	1	4	Cu	11.2	32.6	41	01	8	32	2	0	2	Cu	13.0	+1.7	25.4	33	-1	20	-1	70	0	23	28	—
CAIRO GIZA	02	7	30	2	1	4	Cu	11.4	31.6	41	01	8	32	2	0	2	Cu	13.3	+1.8	24.0	32	-1	18	-1	79	0	23	28	—
HELWAN	02	8	32	3	1	4	Cu	10.7	31.6	35	01	6	32	2	1	3	Cu	13.5	+2.0	23.8	32	-2	20	-1	65	0	26	29	143
SUEZ	01	9	32	3	0	3	Cu	10.3	31.9	38	01	7	32	2	0	2	Cu	12.7	+2.2	24.0	33	-2	20	-3	75	0	27	18	144
UPPER EGYPT																													
FAIYÛM	01	8	32	3	0	3	Cu	10.7	32.0	37	00	8	32	3	0	0	—	13.5	-1.6	22.9	34	-1	19	-2	73	0	7	8	153
MINYA	00	8	32	3	0	0	—	10.6	31.9	40	00	8	30	3	0	0	—	12.3	+1.7	24.4	32	-2	21	+1	68	0	4	—	154
ASYUT	00	8	28	4	0	0	—	9.1	33.1	25	00	7	26	3	0	0	—	11.6	+1.3	25.1	34	-1	21	-1	61	0	2	4	155
QENA	00	8	24	4	0	0	—	7.4	36.9	24	00	8	22	2	0	0	—	10.0	+1.5	27.4	39	0	25	+2	58	0	dr	—	156
LUXOR	00	8	22	2	0	0	—	—	37.0	32	00	8	10	2	0	0	—	—	—	30.8	38	—	24	—	54	0	dr	—	157
ASWAN	00	7	28	2	0	0	—	6.4	37.7	20	00	7	28	1	0	0	—	10.0	+1.2	28.8	39	-2	23	-2	41	0	1	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	13.5	35.2	64																		8	148
BAHARIYA	00	9	00	0	0	0	—	11.8	32.0	43	00	9	32	1	0	0	—	12.7	—	23.0	34	—	—	—	74	0	1	—	149
KHARGA	00	8	32	3	0	0	—	8.8	36.4	32	00	8	32	2	0	0	—	12.8	+2.8	27.5	36	-2	23	+2	39	0	dr	tr	151
DAKHLA	06	6	30	6	0	0	—	10.8	34.7	21	00	8	24	1	0	0	—	12.7	+1.7	27.0	36	-2	22	0	43	0	dr	—	152
RED SEA																													
TÔR	01	6	28	5	0	1	Cu	6.6	30.3	76	00	6	28	4	0	0	—	9.0	+1.5	28.0	31	-2	26	+3	77	0	20	13	145
HURGHADA	00	9	02	3	0	0	—	6.8	32.0	60	00	9	30	5	0	0	—	10.4	+2.4	28.7	32	-2	24	0	61	0	1	—	146
QUSEIR	01	7	02	3	0	1	Ci	7.6	30.1	66	01	7	32	3	0	1	Ci	8.8	+0.9	29.7	32	-2	26	-1	44	0	tr	6	147
PORT SUDAN											00	—	20	3	0	0	—	8.8	+1.7	38.0	39	0	29	+1	23	0	81	122	169
NORTH SUDAN																													
WÂDI HALFA											01	8	30	2	0	3	Cs	11.1	+1.5	27.6	39	-1	23	0	33	—	—	—	165
KAREIMA																		12.4	+3.6	28.3	40	-2	—	—	57	0	13	31	166
'ATBARA											00	—	20	2	3	0	—	10.3	+2.0	29.4	41	+1	24	-1	49	0	52	76	167
KHARTÛM											03	8	18	2	8	7	Ac,As	11.7	+2.4	24.2	39	+1	22	-3	83	11	75	134	168
KASSALA											02	8	16	3	1	5	Ns,Ac	11.9	+0.5	24.4	35	+1	21	-2	75	3	318	275	170
CENTRAL SUDAN																													
WAD MEDANI											01	—	20	4	1	4	—	11.2	+0.7	24.2	36	+1	21	0	80	dr	443	333	171
DUEIM											03	—	—	3	6	7	—	13.1	+2.5	24.2	35	0	20	-2	79	13	389	253	173
RENK																													182
ROSEIRES											01	—	14	1	2	4	—	12.2	-0.4	26.3	31	-2	22	+1	79	dr	635	629	172
EL OBEID											02	8	20	1	1	5	Ci,Ac	11.3	-0.4	25.3	35	+1	23	+2	84	0	301	272	174
EL FASHER											03	8	02	3	1	6	Cs	—	—	24.0	36	+2	20	0	68	0	297	296	175
GENEINA											02	8	28	1	1	5	Cs,Ac	—	—	20.4	33	—	17	—	81	0	389	—	179
KADUGLI																													187
SOUTH SUDAN																													
MALAKÂL											03	8	08	2	1	7	Ac,As	12.3	0.0	24.5	33	+1	23	+2	89	24	607	733	176
WAU											03	—	16	2	1	7	—	11.9	+0.6	24.3	32	0	22	+2	91	0	949	962	177
JUBA											02	8	00	0	1	5	Ac	12.7	+0.1	25.2	32	0	22	+2	84	0	872	784	178

UPPER WINDS ON 1st

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWAN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	Salum 31st
7 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	13 h. m.
02.34.25		02.35.35					03.03.15	06.17.25	06.18.45	06.18.25	07.23.35	06.02.05		02.06.20
05.36.20		05.35.40					07.02.35	10.14.30	10.15.60	10.18.25	10.23.35	10.13.05		05.03.25
10.01.20		10.35.30					10.36.30		15.17.35	15.18.15	15.27.25	15.05.05		10.35.05
15.34.40		12.34.20					15.31.15		20.17.45	20.11.10	20.31.25	20.13.05		15.32.20
20.32.35							20.23.15		30.26.15	30.05.35	24.02.20	30.21.10		20.33.30
25.33.40							25.14.25		40.07.20	40.05.25		40.18.05		25.32.30
							30.22.25			43.36.25		45.18.05		30.32.25
							40.25.20							35.31.30
							50.31.10							40.33.30
							60.34.20							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 31st	Diff. from normal	Wet Bulb Temp °C on 31st	Diff. from normal
Alexandria	62	-7	21.3	-0.6
Ezbekiya	61	-2	22.2	-0.3
Giza	68	+3	21.7	-0.5
Helwân	57	+4	20.7	+0.9

Giza Grass minimum on 1st 12.0 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
1-9	7701	10897
31-8	7558	11124

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	31-8	13.49	-0.31	13.54	-0.30
Nasser	30-8	9.94	-0.10	9.93	-0.09
Malakâl	31-8	12.00	+0.05	11.99	+0.06
Roseires	31-8	18.50	-0.61	18.65	-0.47
Sennâr Res	1-9	17.20	—	17.19	—
J. Aulia U.S	30-8	376.48	—	376.50	—
J. Aulia D.S	30-8	374.99	-0.41	375.07	-0.30
Khartûm	31-8	15.25	-0.44	15.43	-0.26
Kh. el Girba	30-8	14.46	+0.18	14.49	+0.16
'Atbara	30-8	14.60	-0.54	14.73	-0.42
Kajnarti	1-9	141.89	+0.16	141.52	-0.15
Aswân Res	1-9	97.00	—	97.00	—
Aswân D.S.	1-9	91.86	-0.23	91.75	-0.33
Rôda (Cairo)	31-8	18.21	-0.28	18.17	-0.29

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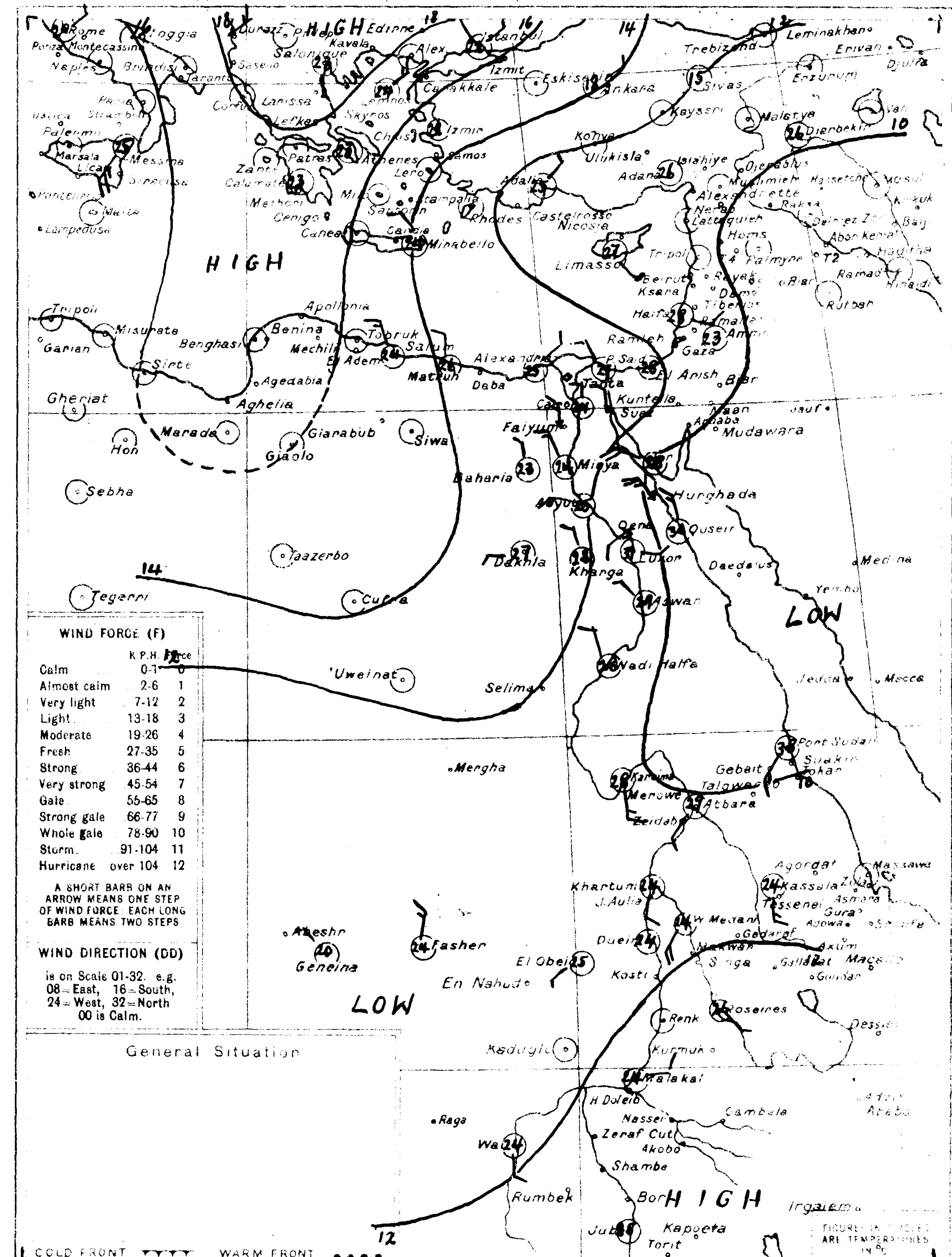
Isobars, Wind and Temperature at 8 h. 1-9-1939



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

STATION محطة	At 8 h. on 1st (الساعة ٨ يوم أول) Present Weather ww	Visibility V	Wind Dir DD	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	12	1	0	2	—	10.8	—	27	—	—	—	—		0	—	465
HAIFA	01	—	10	2	—	3	—	11.6	+3.3	27.8	32	+1	24	+3	52	0	559	648
SIWA 31st	00	8	00	0	0	0	—	15.5	+3.5	26.2	37	0	19	-1	77	0	7	8
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	08
Distant	09
Squall	
Slight Duststorm	
Rain in past hour	20-29
Slight Thunderstorm	29
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68
Snow	70-79
Showers	80-89
of Snow	83-84
of Sleet	85-86
of Hail	87-89
Thunderstorm	90-99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres, 200, 500, 1 Kilometre, 2, 4, 10, 20, 50

CLOUD AMOUNT (N)

CLOUD FORM (C)

Cirrus	Ci
Cirrostratus	Cs
Altostratus	As
Altocumulus	Ac
Stratocumulus	Sc
Stratus	St
Nimbus	Nb
Nimbostratus	Ns
Cumulus	Cu
Cumulonimbus	Cb

CAIRO

Time of Sunrise 05 h 32 m
" " Sunset 18 h 17 m

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

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — شهر سبتمبر ١٩٣٩

Isobars, Wind and Temperature at 8 h. 2-9-1939 — ١٩٣٩-٩-٢

At 14 h. on — الساعة ١٤ يوم

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

STATION	At 14 h. PRESENT WEATHER ww	VISIBILITY 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. PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.	STATION NUMBER
ALUM	01	8	04	5	0	2	Cu	14.8	25.6	70	01	7	30	2	0	1	Cu	14.6	+1.7	23.0	26	—	18	—	71	0	182	—	130
MATRUH	01	8	28	3	0	2	Cu	13.6	26.8	56	01	7	20	1	1	3	Cu	14.2	+1.9	26.8	27	-1	19	-2	63	0	122	166	131
DIKHEILA	01	8	28	3	1	3	Sc	13.5	26.0	79	01	8	28	6	1	4	Cu	13.9	—	25.2	26	—	24	—	80	0	94	—	150
ALEXANDRIA	01	9	32	3	2	3	Ac	13.4	28.0	54	02	9	32	2	2	4	Ac	13.4	+0.9	25.4	29	-2	23	0	62	0	166	185	132
DAMIETTA											02	8	24	2	1	5	Cu	11.8	—	25.3	28	—	20	—	74	0	70	107	159
PORT SAÏD	00	8	30	4	1	0	—	11.2	31.0	49	02	7	26	2	1	4	Ac	11.9	+1.6	25.6	32	+1	24	+1	75	0	64	81	134
EL 'ARISH	00	7	32	3	1	0	—	12.4	28.5	59	01	7	00	0	1	4	Cu	12.0	—	27.0	29	—	20	—	65	0	130	93	135
DAMANHUR											01	7	02	2	1	3	Cu	13.6	+2.2	26.7	30	-3	20	+1	65	0	29	103	136
MANSURA											00	8	12	1	0	0	—	13.0	—	25.2	32	-3	20	0	74	0	46	55	137
TANTA	02	7	28	2	1	5	Cu	12.7	31.0	48	00	7	00	0	0	0	—	13.3	+1.2	25.0	32	-3	18	-2	80	0	41	43	138
ZAGAZIG	01	8	28	2	0	3	Cu	11.6	31.4	56	00	8	22	1	0	0	—	13.1	—	26.9	31	-3	18	-1	76	0	31	29	139
CAIRO ALMAZA	01	8	26	4	1	1	Sc	11.5	30.2	45	01	4	06	1	1	3	Cu	13.5	—	24.0	31	—	20	—	73	0	18	—	141
CAIRO EZBEKIYA	01	9	30	1	1	3	Cu	11.2	31.6	42	01	6	28	1	0	3	Cu	13.1	+1.7	25.1	32	-2	22	+2	72	0	23	28	—
CAIRO GIZA	01	9	30	1	0	3	Cu	11.1	30.5	40	01	7	00	0	0	2	Cu	13.0	+1.5	22.8	31	-2	17	-2	83	0	23	28	—
HELWAN	00	7	30	3	0	0	—	10.8	29.8	39	01	6	00	0	0	2	Cu	13.3	+1.7	24.1	31	-3	19	-2	68	0	26	29	143
SUEZ	00	9	32	2	0	0	—	10.2	31.2	42	01	8	32	1	0	1	Cu	13.0	+2.4	25.1	33	-2	22	-1	74	0	27		144
FAIYUM	00	8	32	2	0	0	—	10.4	31.8	36	00	7	32	2	0	0	—	13.3	+1.4	23.5	33	-2	19	-2	73	0	7	8	153
MINYA	00	7	32	3	0	0	—	10.8	31.2	43	00	9	04	2	0	0	—	12.0	+1.2	23.7	32	-2	19	-1	72	0	4	—	154
ASYUT	00	8	30	4	0	0	—	10.2	32.2	26	00	6	28	2	0	0	—	12.3	+1.9	26.0	33	-2	24	+2	62	0	2	4	155
QENA	01	8	22	4	0	2	Ac	7.9	36.8	26	00	8	26	3	0	0	—	10.7	+2.1	26.9	38	-1	24	+1	57	0	dr	—	156
LUXOR	00	8	26	2	0	0	—	—	37.0	35	00	8	06	1	0	0	—	—	—	31.0	38	—	21	—	52	0	dr	—	157
ASWAN	01	7	24	1	1	3	Ci	6.7	38.0	21	00	7	32	1	0	0	—	10.7	+1.8	27.4	39	-2	23	-2	41	0	1	—	158
SIWA											00	8	00	0	0	0	—	16.0	+2.9	24.0	37	+1	18	-1	91	0	7	8	148
BAHARIYA	00	9	32	2	0	0	—	10.7	31.7	44	00	9	00	0	0	0	—	12.7	—	23.0	33	—	—	—	74	0	1	—	149
KHARGA	00	8	32	3	0	0	—	11.2	36.2	26	00	8	32	2	0	0	—	12.4	+2.3	26.8	36	-2	18	-3	38	0	dr	tr	151
DAKHLA	00	7	32	5	0	0	—	12.2	33.4	27	00	8	20	1	0	0	—	13.9	+2.8	27.0	35	-3	20	-2	37	0	dr	—	152
TOR	01	6	28	5	0	1	Cu	7.8	30.1	76	00	6	28	3	0	0	—	10.2	+2.6	28.6	31	-2	25	+2	68	0	20	13	145
HURGHADA	01	9	02	4	1	3	As	8.0	31.3	64	00	9	30	5	0	0	—	10.2	+2.1	27.4	32	-2	24	0	67	0	1	—	146
QUSEIR	01	7	02	2	0	1	Ci	8.3	29.6	74	00	7	32	3	0	0	—	9.8	+1.8	29.8	31	-3	26	-1	54	0	tr	6	147
PORT SUDAN											00	—	32	2	0	0	—	10.2	+3.1	36.2	41	+2	28	0	23	0	81	122	169
WADI HALFA											01	8	32	2	1	3	Cs	11.3	+1.6	27.3	38	-2	22	-1	37	—	—	—	165
KAREIMA											01	8	32	2	1	3		11.6	+2.8	29.3	40	-2	25	-1	24	0	13	31	166
'ATBARA											00	—	20	3	0	0	—	11.1	+2.9	32.7	40	0	28	+3	41	0	52	76	167
KHARTUM											02	8	24	2	1	5	Cu Cb	12.3	+3.0	29.0	36	-2	26	+1	64	dr	75	135	168
KASSALA											01	8	16	2	1	4	Ac Cu	12.1	+0.7	27.0	34	0	22	-1	63	0	318	277	170
WAD MEDANI											00	—	20	2	0	0	—	12.8	+2.3	26.0	32	-3	23	+2	79	0	443	335	171
DUEIM											01	—	—	3	0	3	—	11.6	+0.8	26.6	33	-2	21	-1	66	0	389	254	173
RENK																												182
ROSEIRES											50	—	14	1	3	8	—	13.4	+1.6	23.9	35	+2	22	+1	91	4	639	634	172
EL OBEID											02	8	14	1	8	5	Ac As	11.7	0.0	24.7	33	-1	22	+1	76	dr	301	275	174
EL FASHER											02	8	28	1	1	5	Cs	—	—	22.8	35	+1	22	+2	83	0	297	297	175
GENEINA											02	8	28	1	1	5	Ac	—	—	20.1	34	—	17	—	91	0	389	—	179
KADUGLI																												187
MALAKAL											03	8	02	3	1	7	Ac	12.8	+0.5	23.8	32	0	21	0	90	64	671	738	176
WAU											02	—	20	1	1	5	—	12.3	+1.0	22.8	32	0	21	+1	88	30	979	967	177
JUBA																											788	178

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

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
7 h. m.	7 h. m.	h. m.	h. m.	8 h. m.	7 h. m.	7 h. m.	3 h. m.	5 h. m.	8 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
02 01 10	02 26 05			02 01 10	02 35 05	02 36 10	03 01 15	06 01 35	06 22 20	06 18 20	07 21 20	06 02 15	
05 05 20	04 35 10			05 03 10	05 36 35	05 35 40	06 02 45	10 01 35	10 23 25	10 18 20	10 19 10	10 06 05	
10 06 25	05 36 10			08 03 15	10 33 40	10 36 20	10 06 40	15 03 15	13 23 25	15 23 05	15 16 05	15 17 10	
18 03 20	10 36 15			10 01 20	15 31 10	15 24 10	15 32 10	20 15 10		20 02 15	20 07 15	20 23 10	
15 35 20	15 33 15			15 35 05			20 14 10	30 06 10		30 03 25	30 07 35	30 15 10	
20 33 35	16 33 25			20 31 10			30 20 40	33 05 05		40 11 35	40 09 40	37 16 20	
25 33 55				23 31 10			40 19 35			50 11 35			
30 33 55				25 31 10			46 20 15			57 12 25			
35 33 40				30 30 10									
37 34 50				36 32 15									

Forecast for 24 hours from noon on

Mean of day

STATION	HUMIDITY % on 1st	HUMIDITY % Diff. from normal	WET BULB TEMP °C on 1st	WET BULB TEMP °C Diff. from normal
Alexandria	60	-8	20.7	-1.2
Ezbekiya	60	-4	21.8	-0.7
Giza	68	+3	21.3	-0.9
Helwan	52	-2	19.9	+0.2

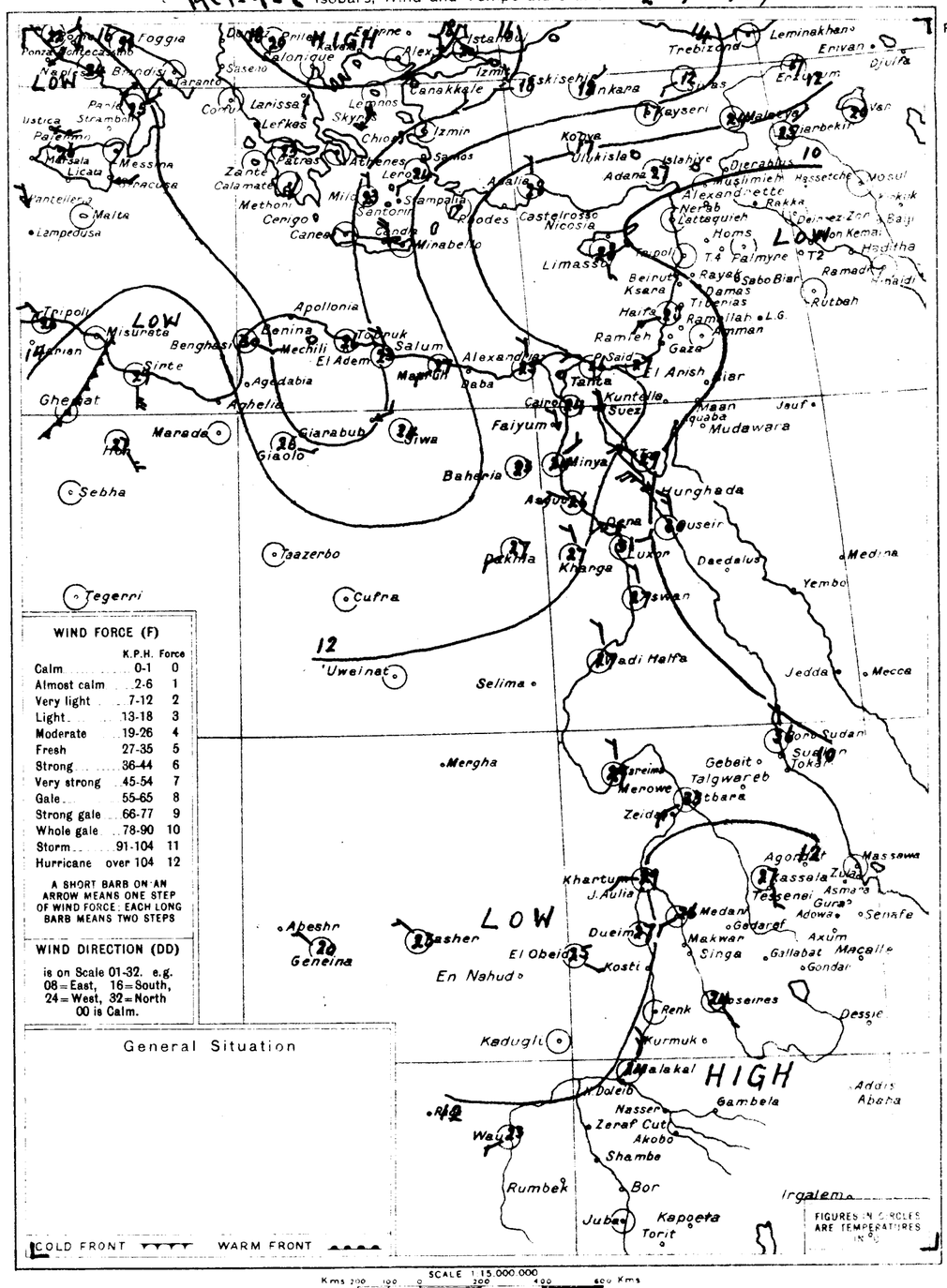
Giza Grass minimum on 2nd 11.2 °C

تغيرات الطقس المتطرفة فى ٢٤ ساعة من ظهر يوم

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

DATE	1939	1938
2-9	8249	11264
1-9	7701	10897

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1-9	13.47	-0.34	13.49	-0.31
Nasser	1-9	9.95	-0.11	9.94	-0.12
Malakal	2-9	12.03	+0.0	12.00	+0.05
Roseires	2-9	18.42	-0.68	18.78	-0.32
Sennar Res	1-9	17.20	—	17.17	—
J. Aulia U.S	1-9	376.39	—	376.39	—
J. Aulia D.S	1-9	374.96	-0.52	375.00	-0.42
Khartum	1-9	15.18	-0.50	15.25	-0.44
Kh. el Girba	1-9	14.49	+0.33	14.50	+0.28
'Atbara	1-9	14.36	-0.58	14.60	-0.54
Kajnarti	1-9	141.89	+0.16	141.52	-0.15
Aswan Res.	2-9	97.00	—	97.00	—
Aswan D.S.	2-9	92.14	+0.02	91.80	-0.23
Roda (Cairo)	2-9	18.43	-0.04	18.33	-0.17



General Situation

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squall	13
Slight Duststorm	14
Rain in past hour	20-29
Slight Thunderstorm	23
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,,	42
Fog in patches	44
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, Drizzle, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, Heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

STATION رصد	At 8 h. on 2nd — 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	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.
Limassol		00	7	16	1	0	0	—	9.9	0	28	—	—	—	—	—	0	610	465
Haifa		01	—	22	3	—	3	—	11.6	+3.2	27.8	30	-1	23	+2	48	0	559	648
SHIPS سفن																			

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 5541)

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

CAIRO
Time of Sunrise h 05 m 33
" " Sunset h 18 m 15

Month SEPTEMBER 1939 ١٩٣٩ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 2-9 الساعة ١٤ يوم ٢/٩ — At 8 h. on SUNDAY 3rd الساعة ٨ يوم الاحد ٣

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.	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	00	8	04	3	0	0	—	14.2	25.8	69	00	7	00	0	0	0	—	13.3	+0.3	24.0	27	—	20	—	71	0	182	—	130
	MATRÛH	01	7	30	3	0	2	Cu	13.6	27.2	69	01	7	20	1	0	2	Cu	13.1	+0.6	26.3	28	0	19	-2	68	0	122	160	131
	DIKHEILA	01	8	28	3	1	4	Cu	13.6	26.0	84	01	8	30	3	1	4	Sc	13.5	—	25.3	27	—	24	—	81	0	94	—	150
	ALEXANDRIA	02	9	28	3	2	4	Ac	13.0	27.8	58	02	9	28	1	2	4	Ac	12.7	+0.1	25.8	29	-2	23	0	66	0	166	185	132
	DAMIETTA											01	8	20	1	1	2	Ac	12.2	—	24.9	28	—	19	—	73	0	70	107	159
	PORT SAÎD	01	7	28	3	1	2	Ac	11.5	30.6	58	01	7	28	2	1	2	Ac,As	11.9	+1.5	26.1	32	+1	22	-1	66	0	64	81	134
	EL'ARÎSH	00	7	28	2	1	0	—	12.7	28.2	59	01	7	00	0	1	4	Cu	10.8	—	25.9	31	—	18	—	71	0	130	93	135
LOWER EGYPT	DAMANHÛR											00	8	04	2	0	0	—	13.0	+1.5	26.3	30	-3	19	0	66	0	29	103	136
	MANṢÛRA											00	8	16	1	0	0	—	12.7	—	24.7	32	-2	18	-2	70	0	46	55	137
	TANTA	02	7	00	0	1	5	Cu	12.3	31.0	48	00	7	00	0	0	0	—	12.8	+0.6	24.0	32	-3	17	-3	78	0	41	43	138
	ZAGÂZÎG	01	9	26	1	0	4	Cu	12.2	31.4	56	01	8	20	1	0	2	Cu	13.1	—	26.8	32	-2	17	-2	69	0	31	29	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	01	8	28	3	0	1	Cu	12.4	30.7	52	01	8	32	1	0	4	Cu	13.1	—	23.8	31	—	19	—	69	0	18	—	141
	EZBEKÎYA	00	8	32	1	0	0	—	11.8	31.8	43	01	6	32	1	1	3	Cu	12.6	+1.0	24.8	33	-1	20	0	68	0	23	28	—
	GÎZA	00	8	32	1	0	0	—	11.8	30.6	43	01	6	02	1	1	4	Cu	12.7	+1.0	22.9	31	-2	17	-2	79	0	23	28	—
	HELWÂN	00	7	30	5	0	0	—	11.0	29.9	36	02	7	32	2	2	4	Cu	12.6	+0.9	23.1	31	-2	20	-1	68	0	26	29	143
	SUEZ	00	9	30	2	0	0	—	12.0	31.8	38	01	8	32	1	0	2	Cu	12.4	+1.6	24.2	34	-1	21	-2	80	0	27	18	144
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	11.1	31.7	39	00	8	32	2	0	0	—	11.9	-0.1	23.0	33	-2	19	-2	74	0	7	8	153
	MINYA	00	8	30	3	0	0	—	11.1	30.8	44	00	9	32	2	0	0	—	11.8	+0.9	24.2	32	-2	20	0	70	0	4	—	154
	ASYÛT	00	8	30	3	0	0	—	10.3	32.1	28	00	6	22	2	0	0	—	11.8	+1.2	25.7	34	-1	21	-1	63	0	2	4	155
	QENA	01	8	22	2	1	3	Cs	8.2	36.2	33	00	8	26	3	0	0	—	10.4	+1.7	27.9	38	-1	23	0	50	0	dr	—	156
	LUXOR	01	8	22	1	0	1	Ci	—	36.3	36	00	8	10	1	0	0	—	—	—	29.3	39	—	20	—	61	0	dr	—	157
	ASWÂN	02	7	18	1	1	5	Ci	7.4	37.4	25	00	7	32	1	0	0	—	10.0	+1.0	29.0	40	-1	24	-1	40	0	1	—	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	15.6	33.1	48	00	8	08	1	0	0	—	13.8	+1.6	26.0	36	0	18	-1	72	0	7	8	148
	BAHARÎYA	00	9	30	1	0	0	—	12.6	30.6	55	00	9	00	0	0	0	—	12.4	—	24.0	32	—	—	—	85	0	1	—	149
	KHÂRGA	00	8	32	2	0	0	—	10.6	35.9	24																	dr	Tr	151
	DÂKHLA	00	8	30	3	0	0	—	11.4	33.2	25	00	8	28	1	0	0	—	13.5	+2.3	23.8	35	-3	18	-4	43	0	dr	—	152
RED SEA	TÔR	00	6	28	4	0	0	—	8.2	30.3	74	00	6	28	4	0	0	—	9.8	+2.1	28.0	32	-1	22	-1	78	0	20	13	145
	HURGHÂDA	00	9	02	3	0	0	—	8.6	31.4	59	00	9	30	3	0	0	—	10.2	+2.0	27.9	32	-2	22	-2	70	0	1	—	146
	QUṢEIR	01	7	02	2	0	1	Ci	9.1	29.1	77	00	7	32	2	0	0	—	9.5	+1.4	30.1	32	-2	26	-1	55	0	tr	6	147
	PORT SUDAN											02	—	28	2	0	4	—	9.8	+2.6	35.6	42	+3	28	0	37	0	81	122	169
NORTH SUDAN	WÂDI HALFA											02	8	32	2	1	5	Cs	11.2	+1.4	27.0	38	-2	20	-3	37	—	—	—	165
	KAREIMA											05	7	00	0	1	5	Ac	11.5	+2.7	30.4	40	-2	28	+2	53	0	13	31	166
	'ATBARA																												76	167
	KHARTÛM											01	8	16	2	1	4	Ac	11.3	+2.0	29.0	37	-1	25	0	58	0	75	135	168
	KASSALA											01	8	14	3	1	4	Ac	11.8	+0.5	26.0	34	-1	21	-2	62	dr	318	279	170
CENTRAL SUDAN	WAD MEDANI											02	—	20	1	1	4	—	12.2	+1.7	25.3	35	-1	22	+1	70	0	443	337	171
	DUEIM											02	—	—	3	1	4	—	11.4	+0.6	27.4	34	-1	23	+1	71	0	389	256	173
	RENK																			—			—		—					182
	ROṢEIRES											02	—	18	1	1	4	—	12.6	+0.8	24.2	31	-2	21	0	85	8	647	639	172
	EL OBEID											81	8	00	0	8	6	As	11.5	-0.2	24.1	32	-2	22	+1	83	2	303	278	174
	EL FÂSHER											01	8	28	1	1	4	St,Ac	—	—	24.8	35	+1	22	+2	76	0	297	298	175
	GENEINA																												—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL											03	8	02	3	1	7	Ac,As	12.6	+0.3	23.2	31	-1	21	0	92	19	691	743	176
	WÂU																												973	177
	JÛBA											01	8	00	0	1	4	Ci	11.7	-0.8	24.6	31	-1	21	+1	84	0	872	791	178

UPPER WINDS ON 3rd الرياح العليا يوم ٣

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

SALÛM 7 h.	MATRÛH 8 h.	DIKHEILA h. m.	CAIRO h. 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 7 h.	MALAKÂL 7 h.	P.SAID 7 h.	SALUM 2nd 13 h.
05.11.10	02.23.15			02.02.10	02.30.10	02.33.10	03.05.10	06.30.20	06.18.30	06.17.20	07.15.05	06.05.25	02.35.05	02.07.15
07.08.05	05.31.05			05.01.15	05.01.30	05.34.25	06.36.25	10.30.15	10.19.35	10.19.20	10.23.15	10.02.10	05.36.05	05.00.00
08.35.15	10.35.10			08.35.05	10.35.30	10.33.15	10.35.20	15.34.10	15.19.35	15.23.15	15.18.05	15.00.00	10.06.05	10.00.00
10.32.25	15.31.35			10.35.10	15.34.20	15.20.20	15.30.05	20.04.10	20.17.10	20.01.05	20.13.15	20.19.15	15.34.10	
15.30.25				15.35.20		20.18.45	20.21.20	30.14.25	25.16.15	30.07.20	30.13.55	30.15.10	17.33.15	
20.34.25				20.31.10		25.20.45	27.19.40	33.20.05	30.10.30	40.06.20		40.09.20		
25.32.35				23.29.15					40.11.20	50.06.35		47.15.15		
30.31.40				25.30.15					50.08.40					
35.31.40				30.29.25										
				35.27.20										

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	61	-7	21.2	-0.6
Ezbekîya	59	-5	21.6	-0.9
Gîza	69	+4	21.2	-0.9
Helwân	56	+2	20.0	+0.4

Gîza Grass minimum on 3rd 11.0°C

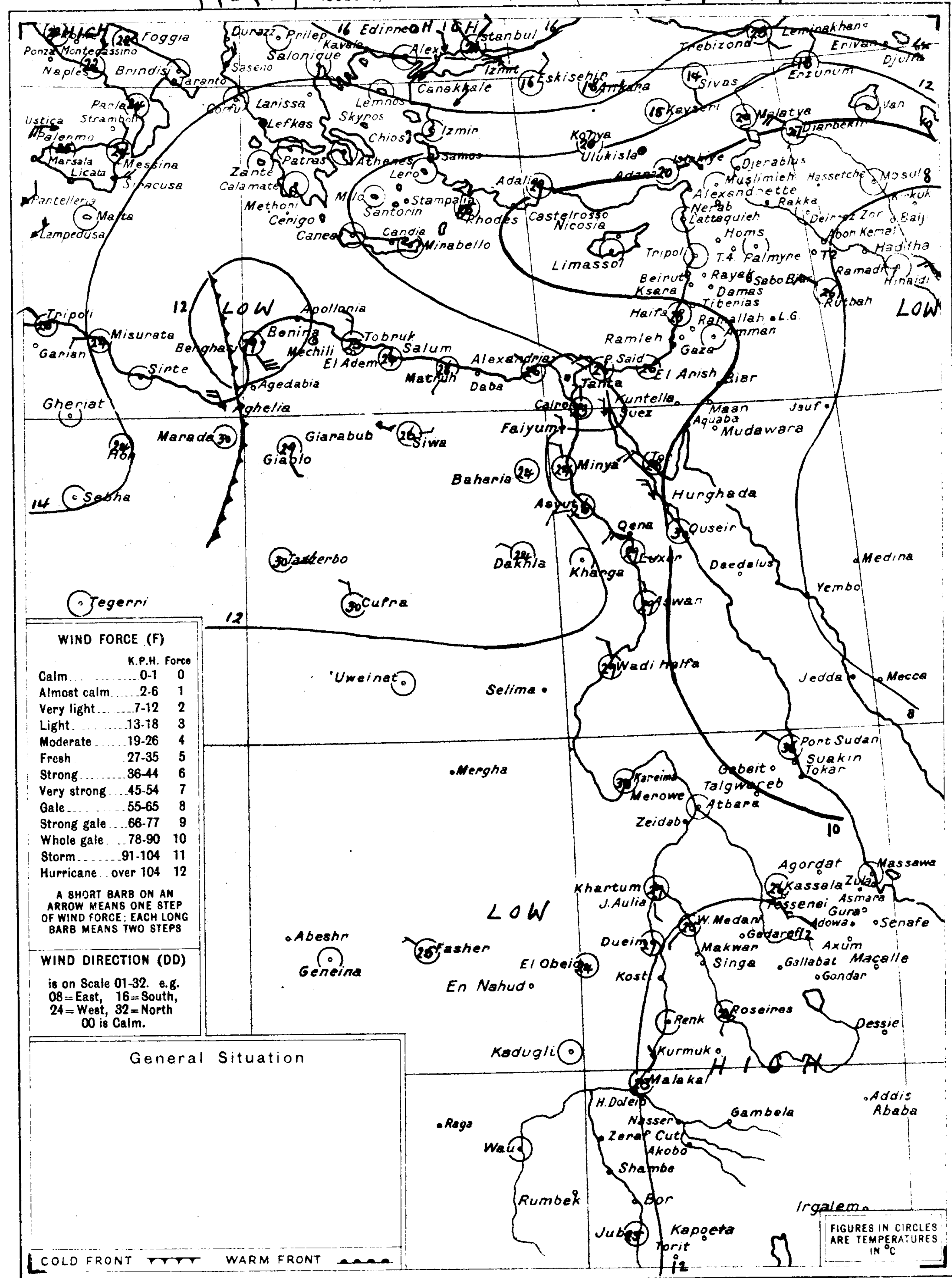
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
3-9	8237	11392
2-9	8249	11264

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-9	13.49	-0.32	13.47	-0.34
Nâṣṣer	2-9	9.95	-0.13	9.95	-0.11
Malakâl	3-9	12.05	+0.08	12.03	+0.07
Roṣeires	3-9	18.85	-0.24	18.42	-0.68
Sennâr Res.	2-9	17.19	—	17.20	—
J. Aulia U.S	2-9	376.40	—	376.39	—
J. Aulia D.S	2-9	374.88	-0.55	374.90	-0.52
Khartûm	2-9	15.13	-0.55	15.18	-0.50
Kh. el Girba	2-9	14.51	+0.43	14.49	+0.33
'Atbara	3-9	14.54	+0.56	14.68	+0.44
Kajnarti	2-9	141.73	-0.03	141.89	+0.16
Aswân Res.	3-9	97.00	—	97.00	—
Aswân D.S.	3-9	92.17	+0.04	92.14	+0.02
Rôda (Cairo)	3-9	18.50	-0.03	18.43	-0.09

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

٣-٩-٣٩ Isobars, Wind and Temperature at 8 h. 3-9-1939



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 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. 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																		465
Haifa	01	—	18	2	—	3	—	11.5	+3.1	28.4	31	0	23	+2	51	0	559	648
Siwa 1st	00	8	00	0	0	0	—	16.0	+4.0	23.0	37	0	21	+1	85	0	7	8
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	96
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

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 33
" " Sunset 18 14

Month SEPTEMBER 1939 ١٩٣٩ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 3rd (الساعة ١٤ يوم ٣)

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	8	06	2	0	0	—	12.8	26.4	66
	MATRUH	00	8	30	2	0	0	—	13.3	27.8	71
	DIKHEILA	01	8	30	3	1	2	Cu	13.5	26.0	82
	ALEXANDRIA	02	9	04	2	2	4	AC	12.8	27.7	53
	DAMIETTA										
	PORT SAÏD	00	7	30	3	1	0	—	11.6	29.2	57
	EL 'ARISH	00	7	30	3	1	0	—	11.6	28.5	61
Lower Egypt	DAMANHUR										
	MANSURA										
	TANTA	01	7	28	2	1	3	AC	11.8	31.0	48
	ZAGÂZIG	00	9	30	1	0	0	—	11.9	30.9	57
Middle Egypt — Cairo	ALMÂZA	00	8	30	2	0	0	—	12.2	30.5	51
	EZBEKIYA	00	8	30	1	0	0	—	11.2	31.8	41
	GIZA	00	8	30	1	0	0	—	11.2	31.0	40
Middle Egypt	HELWÂN	00	8	30	3	0	0	—	11.1	30.5	34
	SUEZ	00	9	32	2	0	0	—	10.4	31.2	39
Upper Egypt	FAIYUM	00	8	32	3	0	0	—	10.8	31.4	40
	MINYA	00	8	32	3	0	0	—	11.4	31.0	42
	ASYUT	00	8	28	3	0	0	—	10.0	32.9	30
	QENA	00	8	26	3	0	0	—	8.3	36.6	33
	LUXOR	00	8	22	1	0	0	—	—	39.9	35
	ASWÂN	00	7	24	1	0	0	—	6.8	38.0	23
Western Desert	SIWA	00	8	00	0	0	0	—	13.9	26.2	—
	BAHARIYA	00	9	30	1	0	0	—	12.2	31.2	50
	KHARGA	00	8	04	2	0	0	—	10.0	30.5	25
	DÂKHLA	00	7	26	4	0	0	—	10.8	35.0	21
Red Sea	TOR	00	6	28	4	0	0	—	8.2	33.0	58
	HURGHADA	00	9	02	2	0	0	—	8.3	32.2	62
	QUSEIR	01	7	02	2	0	1	Ci	8.7	30.1	70
	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 MONDAY 4th (الساعة ٨ يوم الاثنين ٤)

Station	ww	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	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	18	5	0	0	—	11.1	-2.0	27.0	28	—	23	—	52	0	182	—	130
MATRUH	00	7	18	1	0	0	—	13.5	+0.9	26	28	—	19	-2	67	0	122	160	131
DIKHEILA	01	8	00	0	0	1	Sc	13.0	—	25.7	26	—	21	—	81	0	94	—	150
ALEXANDRIA	01	9	00	0	2	3	Ac	12.4	-0.4	25.8	30	-1	22	-1	69	0	166	185	132
DAMIETTA	00	8	18	1	0	0	—	12.0	—	25.5	29	—	19	—	71	0	70	107	159
PORT SAÏD	02	7	30	1	1	4	Ac	11.8	+1.3	25.7	31	0	22	-1	67	0	64	81	134
EL 'ARISH	02	7	00	0	1	4	Cu	11.8	—	26.8	30	—	19	—	70	0	130	93	135
DAMANHUR	00	7	26	2	0	0	—	12.6	+1.0	26.4	32	-1	19	0	71	0	29	103	136
MANSURA	00	8	04	1	0	0	—	13.5	—	25.0	32	-2	19	-1	72	0	46	55	137
TANTA	00	7	00	0	0	0	—	12.8	+0.5	24.0	33	-2	16	-4	75	0	41	43	138
ZAGÂZIG	00	8	30	1	0	0	—	14.7	—	25.9	32	-2	18	-1	76	0	31	29	139
ALMÂZA	01	7	04	2	0	1	St	12.8	—	24.0	31	—	19	—	73	0	18	—	141
EZBEKIYA	01	6	32	1	1	3	Cu	12.0	+0.3	24.9	33	0	20	0	70	0	23	28	—
GIZA	00	6	32	2	0	0	—	12.3	+0.5	23.5	31	-2	17	-2	78	0	23	28	—
HELWÂN	00	7	02	2	0	0	—	12.6	+0.8	24.0	32	-1	20	-1	70	0	26	29	143
SUEZ	00	8	32	2	0	0	—	12.0	+1.1	25.3	33	-2	21	-2	75	0	27	18	144
FAIYUM	00	7	02	2	0	0	—	12.4	+0.3	23.0	34	-1	18	-2	74	0	7	8	153
MINYA	00	8	32	1	0	0	—	12.2	+1.2	23.4	32	-2	19	-1	77	0	4	—	154
ASYUT	00	6	26	3	0	0	—	12.0	+1.3	26.0	35	0	20	-2	55	0	2	4	155
QENA	00	8	26	2	0	0	—	10.4	+1.6	27.5	38	-1	23	0	53	0	dr	—	156
LUXOR	00	8	10	1	0	0	—	—	—	29.3	40	—	20	—	47	0	dr	—	157
ASWÂN	00	7	00	0	0	0	—	10.3	+1.3	30.6	41	+1	25	0	34	0	1	—	158
SIWA																		8	148
BAHARIYA	00	9	00	0	0	0	—	—	—	26.0	35	—	—	—	62	0	1	—	149
KHARGA	00	8	00	0	0	0	—	11.2	+0.9	27.3	36	-2	19	-2	36	0	dr	tr	151
DÂKHLA	00	8	00	0	0	0	—	12.8	+1.5	25.2	36	-2	20	-2	46	0	dr	—	152
TOR	00	6	28	4	0	0	—	9.9	+2.1	28.0	33	0	21	-2	77	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	9.6	+1.3	27.7	33	-1	21	-3	66	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	9.5	+1.3	30.6	32	-2	25	-2	44	0	tr	6	147
PORT SUDAN																	81	122	169
WÂDI HALFA	01	8	32	2	0	1	Cs	10.3	+0.4	27.8	39	-1	27	+4	27	—	—	—	165
KAREIMA																		31	166
'ATBARA																		77	167
KHARTÛM	01	8	26	1	1	3	Ac	11.3	+2.0	30.0	39	+1	26	+1	65	0	75	136	168
KASSALA	01	8	12	3	1	4	Ac	10.7	-0.6	28.0	35	0	25	+2	63	0	318	281	170
WAD MEDANI																		339	171
DUEIM																		258	173
RENK																			182
ROSEIRES									—			—		—				644	172
EL OBEID	02	8	16	1	1	5	Ac	11.3	-0.4	26.2	33	-1	23	+2	76	dr	303	280	174
EL FASHER	03	8	00	0	1	7	St, Ac	—	—	25.8	36	+2	23	+3	63	dr	297	299	175
GENEINA																		—	179
KADUGLI																		—	187
MALAKÂL	06	8	22	2	0	3	Ac	11.9	-0.4	26.4	31	-1	24	+3	84	0	691	748	176
WÂU																		978	177
JÛBA																		795	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.

SALÛM 7 h.	MATRÛH 8 h.	DIKHEILA	CAIRO 8 h 30 m.	HELWÂN 8 h 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	P.SAID A.P. 7 h.	SALUM 3rd 13 h.
02 21 35	02 25 10		02.02.05	02.10.05	02.33.10	05.36.30	03.03.20		06 26 10	06 20 20	07 22 20	06 27 10	02.36.05	02.07.10
05 24 30	05 26 10		05.05.10	05.07.05	05.33.30	10.35.20	06.36.35		10 25 30	10 19 15	10 23 25	10 23 05	05.01.05	03.19.05
10 25 15	06 30 05		10.35.25	08.36.20	10.36.30	15.35.10	10.35.25		15 19 15	15 05 10	15 25 30	15 00 00	10.03.10	05.23.10
15 24 20	10 33 15		15.35.55	10.34.30	15.36.50	20.22.35	15.30.15		20 10 15	20 02 20	20 27 15	20 01 15	15.30.20	07.25.15
20 25 15	15 29 25			15.35.45	20.01.40	25.21.40	20.21.30		25 09 10	30 05 30	30 13 25	30 09 20	20.32.20	08.29.15
25 27 40				20.34.35			30.20.30		30 06 10	40 10 20	40 15 25	31 09 15	25.31.20	10.32.10
30 26 35				23.34.35			40.21.30			50 11 30	47 10 15		29.30.20	15.31.20
35 27 50							44.21.35			57 10 20				20.30.25
40 28 50														25.30.25
														30.30.30

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 3rd	Diff. from normal	Wet bulb temp. °C on 3rd	Diff. from normal
Alexandria	64	-4	20.8	-1.0
Ezbekiya	58	-6	21.6	-0.8
Gîza	68	+3	21.2	-0.9
Helwân	52	-2	19.8	+0.3

Gîza Grass minimum on 4th 10.8°C

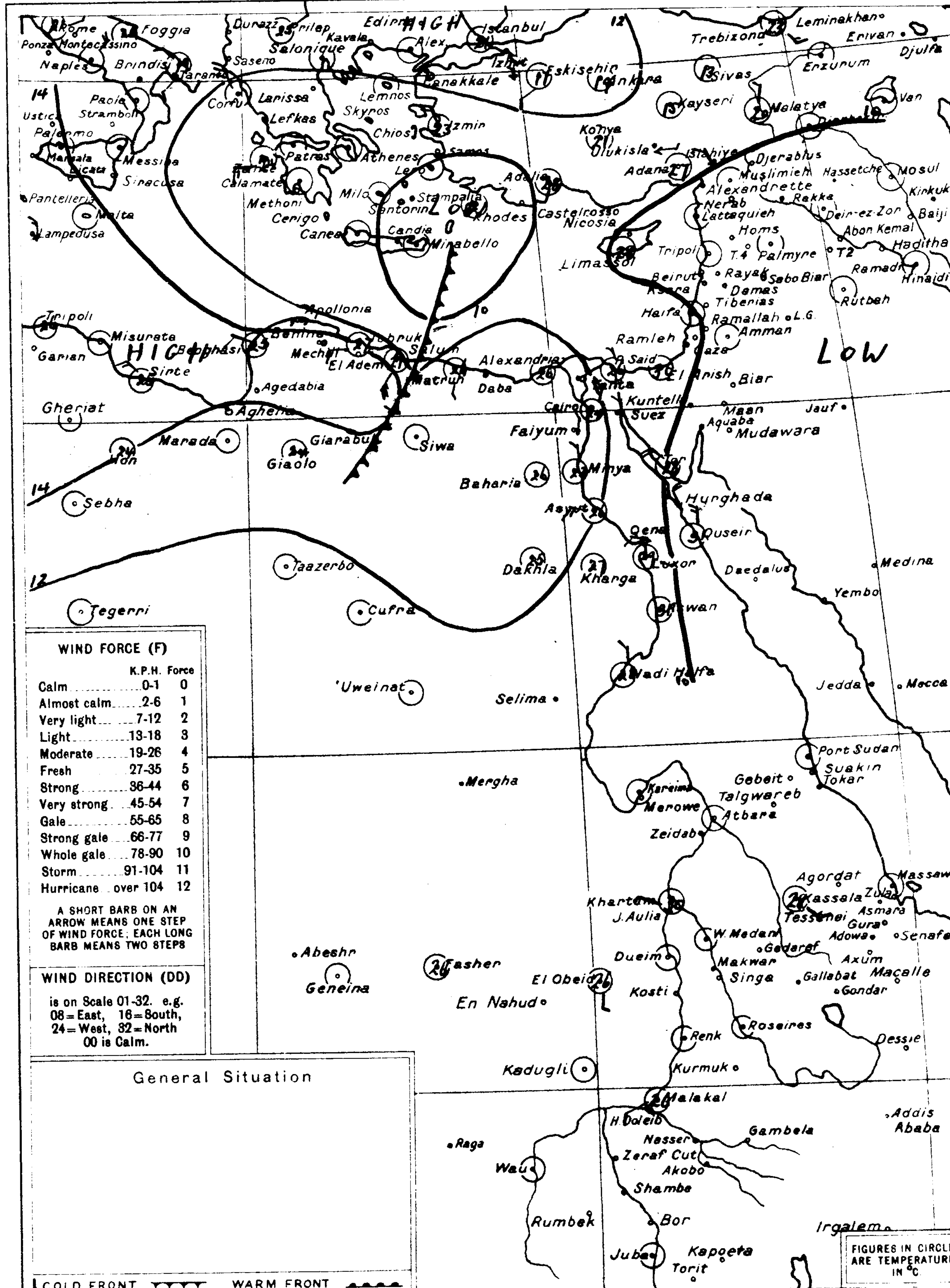
Discharges at Aswân measured by sluices m.³ per sec.

Date	1939	1938
4-9	7976	11358
3-9	8237	11392

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-9	13.52	-0.30	13.49	-0.32
Nâsser	2-9	9.95	-0.13	9.95	-0.11
Malakâl	4-9	12.05	+0.07	12.05	+0.08
Roseires	4-9	18.72	-0.36	18.85	-0.24
Sennâr Res.	3-9	17.20	—	17.19	—
J. Aulia U.S	3-9	376.39	—	376.40	—
J. Aulia D.S	3-9	374.85	-0.58	374.88	-0.55
Khartûm	3-9	15.15	-0.53	15.13	-0.55
Kh. el Girba	3-9	14.30	+0.25	14.51	+0.43
'Atbara	4-9	14.54	+0.55	14.54	+0.56
Kajnarti	3-9	141.45	-0.33	141.73	-0.03
Aswân Res.	4-9	97.00	—	97.00	—
Aswân D.S.	4-9	92.00	-0.15	92.17	+0.04
Rôda (Cairo)	4-9	18.53	-0.01	18.56	-0.03

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

Isobars, Wind and Temperature at 8 h. ٣٩-٩-٤ 4-9-39



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 4th (الساعة ٨ يوم ٤)

Station	ww	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	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	—	00	0	0	0	—	9.5	-05	28	—	—	—	—	—	0	610	465
Haifa																0	559	648
Kharga 3rd	00	8	32	1	0	0	—	12.0	+1.8	27.2	36	-2	18	-3	37	0	dr	tr
Limassol	09	7	00	0	0	0	—	10.2	+0.2	28	—	—	—	—	—	0	610	465

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. 5 33
" " Sunset 18 16

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — شهر سبتمبر ١٩٣٩

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	°C Temp. TTT	% Humidity UU	At 8 h. on TUESDAY 5th (الساعة ٨ يوم الثلاثاء 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.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	00	8	22	5	0	0	—	9.4	37.5	26	01	8	02	5	0	2	Cu	12.3	-0.9	24.9	39	—	22	—	82	0	182	—	130
MATRÛH	00	7	04	3	0	0	—	10.7	31.6	60	01	6	04	3	1	4	Cb	10.0	-2.8	26.8	34	+6	19	-2	88	0	122	160	131
DIKHEILA	00	8	26	2	0	0	—	13.0	27.0	88	00	8	20	1	0	0	—	12.3	—	27.2	27	—	22	—	65	0	94	—	150
ALEXANDRIA	00	9	28	2	0	0	—	12.3	28.0	62	00	9	00	0	0	0	—	11.6	-1.3	26.7	36	-1	22	-1	58	0	166	185	132
DAMIETTA											00	8	16	1	0	0	—	11.1	—	26.1	29	—	20	—	74	0	70	107	159
PORT SAÎD	00	7	28	3	1	0	—	11.6	29.8	57	00	7	20	2	0	0	—	11.4	+0.8	25.3	31	0	22	-1	71	0	64	81	134
EL 'ARÎSH	00	7	30	2	0	0	—	11.0	28.8	62	00	7	00	0	0	0	—	11.2	—	26.3	30	—	18	—	—	0	130	93	135
LOWER EGYPT																													
DAMANHÛR											00	7	12	2	0	0	—	11.8	+0.1	26.8	32	-1	20	+1	69	0	29	103	136
MANṢÛRA											00	8	04	1	0	0	—	11.6	—	25.2	33	-1	19	-1	74	0	46	55	137
TANTA	00	7	28	3	0	0	—	11.9	31.5	51	00	7	00	0	0	0	—	12.0	-0.4	25.0	33	-2	18	-2	80	0	41	43	138
ZAGÂZÎG	00	9	30	1	0	0	—	11.8	31.9	57	00	8	20	1	0	0	—	11.9	—	29.4	32	-2	19	0	64	0	31	29	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	26	3	0	0	—	11.9	31.8	47	00	7	16	2	0	0	—	11.8	—	28.0	32	—	22	—	56	0	18	—	141
CAIRO EZBEKIYA	00	7	02	3	0	0	—	11.4	33.0	34	00	6	16	1	0	0	—	11.5	-0.3	27.7	34	+1	21	+1	59	0	23	28	—
CAIRO GÎZA	00	7	02	3	0	0	—	11.5	31.4	38	00	7	14	1	0	0	—	11.2	-0.8	24.6	33	0	18?	-1	73	0	23	28	—
HELWÂN	00	7	26	4	0	0	—	11.1	32.0	27	05	6	00	0	0	0	—	11.6	-0.4	26.8	33	0	21	0	48	0	26	29	143
SUEZ	00	9	30	2	0	0	—	10.4	33.3	25	00	8	00	0	0	0	—	11.2	+0.2	29.2	34	-1	20	-3	53	0	27	18	144
UPPER EGYPT																													
FAIYÛM	00	8	32	2	0	0	—	11.2	33.0	34	00	7	00	0	0	0	—	11.5	-0.7	25.1	35	0	20	0	71	0	7	8	153
MINYA	00	7	30	3	0	0	—	11.2	32.3	36	00	6	30	1	0	0	—	11.1	0.0	27.6	34	0	20	0	61	0	4	—	154
ASYÛT	00	8	28	3	0	0	—	9.6	35.2	21	00	6	22	2	0	0	—	11.5	+0.7	27.5	37	+2	21	-1	47	0	2	4	155
QENA	00	8	22	3	0	0	—	8.0	37.0	35	00	8	24	1	0	0	—	10.2	+1.4	27.9	40	+1	24	+2	55	0	dr	—	156
LUXOR	00	8	22	1	0	0	—	—	39.2	21	00	8	02	1	0	0	—	—	—	29.9	40	—	22	—	44	0	dr	—	157
ASWÂN	00	7	28	3	0	0	—	6.3	40.0	22	00	7	32	3	0	0	—	9.5	+0.4	29.3	41	+1	26	+2	36	0	1	—	158
WESTERN DESERT																													
SÎWA	00	8	00	0	0	0	—	11.9	39.0	41	00	8	00	0	0	0	—	12.7	+0.3	30.3	41	+5	19	0	69	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	10.4	35.2	43	00	9	32	1	0	0	—	12.0	—	29.4	36	—	—	—	57	0	1	—	149
KHARGA	00	8	04	2	0	0	—	9.1	36.4	23	00	8	00	0	0	0	—	10.0	-0.4	30.9	38	0	24	+3	35	0	dr	tr	151
DÂKHLA	00	7	02	4	0	0	—	10.3	38.2	17	00	8	00	0	0	0	—	12.4	+1.0	26.8	40	+2	20	-2	44	0	dr	—	152
RED SEA																													
TÔR	00	6	28	5	0	0	—	7.5	30.1	52	00	6	28	3	0	0	—	9.1	+1.2	29.2	32	-1	26	+3	57	0	20	13	145
HURGHÂDA	00	9	30	3	0	0	—	8.7	32.6	59	00	9	30	3	0	0	—	10.0	+1.5	29.4	33	-1	23	-1	58	0	1	—	146
QUṢEIR	00	7	02	2	0	0	—	8.7	30.4	63	00	7	30	3	0	0	—	9.4	+1.1	31.0	32	-2	26	-1	44	0	tr	6	147
PORT SUDAN											01	—	02	2	0	4	—	7.9	+0.5	35.5	40	+1	27	-1	39	0	81	122	169
NORTH SUDAN																													
WÂDI HALFA											00	8	28	2	0	0	—	10.4	+0.4	27.0	40	+1	20	-3	20	—	—	—	165
KAREIMA											01	8	04	1	1	4	Ci	10.6	+1.8	31.2	41	-1	27	+1	27	0	13	31	166
'ATBARA											00	—	29	2	0	0	—	9.4	+1.1	32.0	41	+1	26	0	43	0	52	77	167
KHARTÛM											02	8	16	2	1	5	Ac, Cs	11.1	+1.8	29.1	41	+3	27	+2	64	dr	75	136	168
KASSALA											02	8	14	3	1	5	Cs	11.1	-0.2	25.4	36	+1	24	+1	76	dr	318	283	170
CENTRAL SUDAN																													
WAD MEDANI											01	—	18	4	6	4	—	11.5	+1.0	26.4	37	+1	20	-2	73	18	461	341	171
DUEIM											03	—	—	3	2	6	—	11.4	+0.7	27.4	37	+2	24	+2	71	0	389	259	173
RENK																													182
ROSEIRES											01	—	14	1	1	4	—	11.4	-0.3	29.3	35	+2	22	+2	45	3	650	649	172
EL OBEID											03	8	14	2	1	7	Ac, Cs	10.4	-1.3	25.8	34	0	23	+2	76	8	311	283	174
EL FÂSHER											03	8	04	2	1	6	St	—	—	24.0	33	-2	22	+2	83	dr	297	299	175
GENEINA											03	8	00	0	1	6	Ac, As	—	—	22.0	33	—	19	—	87	dr	389	—	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL											03	8	14	3	1	7	As	12.6	+0.4	24.4	33	+1	22	+1	82	dr	691	753	176
WÂU											01	—	04	1	1	4	—	10.7	-0.5	26.5	33	+1	22	+2	80	0	986	983	177
JÛBA											02	8	00	0	1	5	Ac, Cs	12.6	+0.1	24.3	33	+1	20	0	83	0	872	799	178

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	P. SAID A.P.	SALÛM 4th
7 h.	7 h.	h. m.	h. m.	8 h. 30 m.	7 h.	7 h.	4 h.	4 h.	7 h.	7 h.	7 h.	7 h.	7 h.	13.00 h.
02.36.20	02.32.20			02.16.10	02.32.10	02.01.20	03.02.20	06.01.40	06.15.40	06.23.15	07.15.15	06.09.30	02.22.10	02.23.35
05.—.05	05.32.15			05.24.05	05.35.30	05.02.25	06.03.15	10.34.20	10.18.40	10.19.10	10.07.10	10.07.35	05.32.10	05.22.10
10.32.30	10.31.20			08.01.10	10.36.30	10.05.30	10.02.35	15.31.10	15.21.25	15.32.10	15.16.10	15.06.10	10.31.25	10.24.20
15.28.35				10.00.00	15.03.40	15.01.35	15.01.25	20.27.05	20.21.10	20.31.10	20.10.10	20.06.15	15.32.25	15.26.30
20.27.35				15.36.20	20.03.60		20.35.25	30.16.25	25.30.05	30.02.25	30.07.35	30.03.25	20.32.25	20.25.30
25.24.40				20.36.25			30.26.20	38.20.20	30.34.15	40.06.20	35.07.25	40.05.05	25.32.40	25.26.45
30.23.40				23.34.30			34.24.25		40.08.20	50.10.45		50.03.20	30.32.50	
				25.31.25					50.03.20	57.14.35		56.06.25		
				30.32.40					60.06.35					
				32.32.65					70.10.35					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	71	+3	22.2	+0.5
Ezbekîya	48	-16	21.9	-0.5
Gîza				
Helwân	56	+2	20.3	+0.9

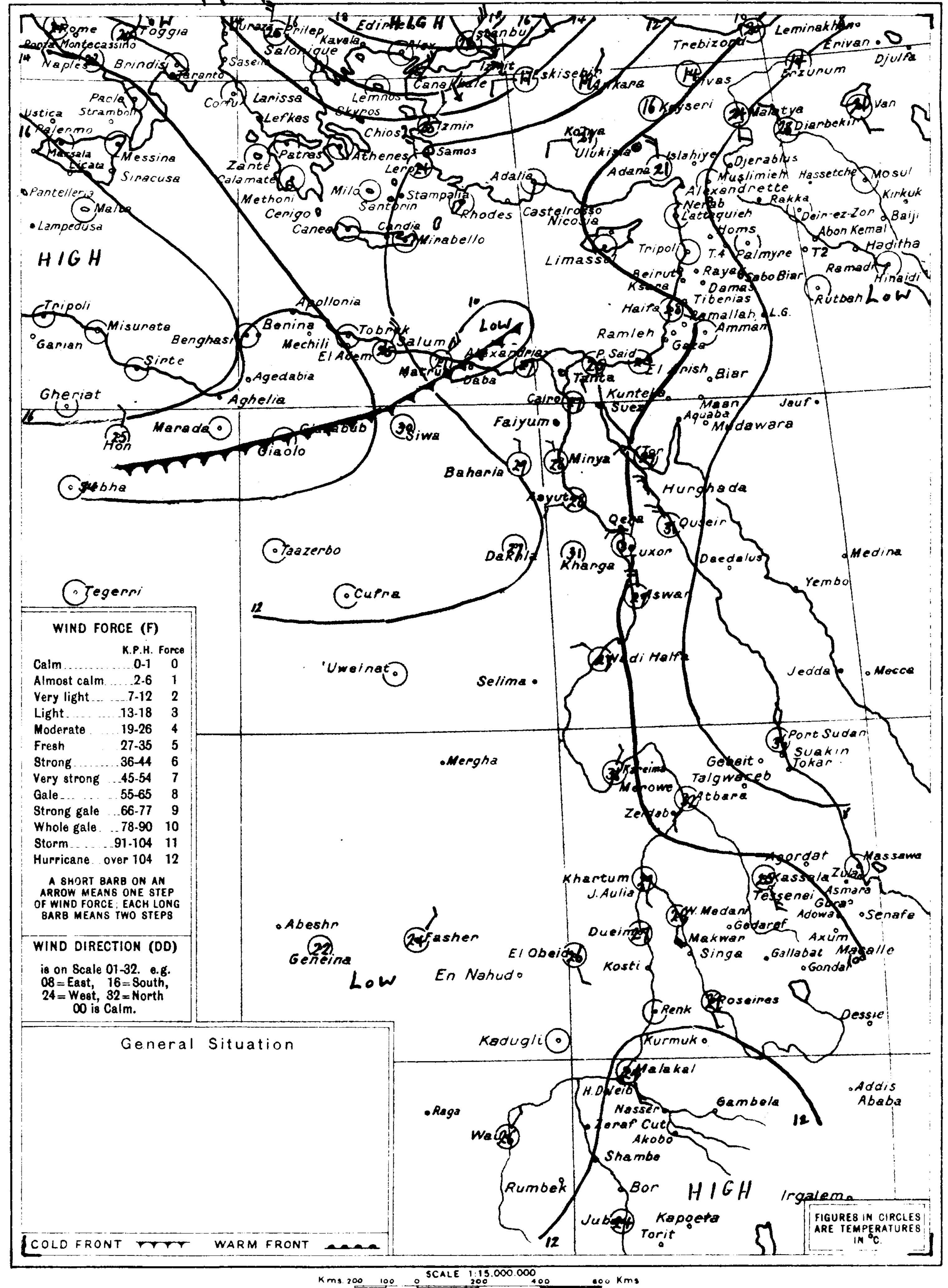
Gîza Grass minimum on 5th — °C

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

DATE	1939	1938
5-9	7730	11355
4-9	7976	11358

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4.9	13.54	-0.28	13.52	-0.30
Nâsser	2.9	9.95	-0.13	9.95	-0.11
Malakâl	4.9	12.05	+0.07	12.05	+0.08
Roseires	4.9	18.72	-0.36	18.85	-0.24
Sennâr Res.	4.9	17.22	—	17.20	—
J. Aulia U.S	4.9	376.35	—	376.39	—
J. Aulia D.S	4.9	374.90	-0.53	374.85	-0.58
Khartûm	4.9	15.18	-0.50	15.15	-0.53
Kh. el Girba	4.9	14.10	+0.08	14.30	+0.25
'Atbara	4.9	14.54	+0.55	14.54	+0.56
Kajnarti	4.9	141.31	-0.46	141.45	-0.33
Aswân Res.	5.9	97.00	—	97.00	—
Aswân D.S.	5.9	91.86	-0.30	92.00	-0.15
Rôda (Cairo)	5.9	18.61	+0.05	18.53	-0.01

٥-٩-٣٩ Isobars, Wind and Temperature at 8 h. 5-9-39.



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

STATION (محطة)	At 8 h. on 5th (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.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	22	5	0	0	—	—	—	27	—	—	—	—	—	0	610	465
Haifa	00	—	10	2	—	0	—	11.8	+3.0	27.8	31	0	23	+2	61	0	559	648
Haifa 4th	02	—	22	2	—	5	—	10.7	+2.1	28.2	31	0	24	+3	68	0	559	648
Siwa 4th	00	8	00	0	0	0	—	14.6	+2.3	26.0	39	+3	18	-1	75	0	7	8
SHIPS (سفن)																		

Remarks

* Malakal River gauge Reading for 12-8-39 published on 12 & 13-8-39 should read 11.86 instead of 11.96. A.

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 34 m
" " Sunset 18 h 12 m

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

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر

STATION	At 14 h. on 5th: Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L. 1000+ mbs.	Temp.	% Humidity	At 8 h. on WEDNESDAY 6th: Present weather (ww)	Visibility (V)	Wind Dir. (DD)	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	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	6	0	3	Cu	12.2	25.8	82	00	8	30	2	0	0	—	15.0	+1.7	23.4	27	—	20	—	82	0	182	—	130
MATRUH	01	8	30	3	0	3	Cu	11.6	27.3	55	00	8	28	2	0	0	—	13.4	+0.5	27.1	28	0	18	-3	80	0	122	160	131
DIKHEILA	01	8	30	3	0	1	Cu	12.0	28.0	—	01	8	28	4	1	4	Sc	13.4	—	26.0	32	—	25	—	86	0	94	—	150
ALEXANDRIA	00	9	32	2	0	0	—	11.0	29.8	55	02	9	28	2	2	4	Ac	13.0	0.0	26.0	32	+2	24	+1	66	0	166	185	132
DAMIETTA											01	8	22	2	1	3	Cu	11.4	—	26.3	31	—	20	—	76	0	70	107	159
PORT SAID	00	7	28	2	0	0	—	11.1	30.6	53	01	7	26	2	1	3	Ac	11.8	+1.1	26.7	32	+1	23	0	72	0	64	81	134
EL ARISH	00	7	30	2	0	0	—	10.8	34.0	65	01	7	00	0	0	2	Sc	11.6	—	28.2	33	—	19	—	72	0	130	93	135
DAMANHUR											00	8	24	2	0	0	—	12.8	+0.9	27.4	37	+4	21	+2	72	0	29	103	136
MANSURA											01	8	12	1	1	3	Sc	12.8	—	25.5	36	+2	20	0	80	0	46	55	137
TANTA	00	7	00	0	0	0	—	10.4	35.0	37	00	7	00	0	0	0	—	12.7	+0.2	25.5	37	+2	19	-1	84	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	11.4	35.9	46	00	8	30	2	0	0	—	13.0	—	27.9	36	+2	19	0	77	0	31	29	139
CAIRO ALMAZA	04	8	26	3	0	1	Cu	10.8	37.0	38	00	8	30	1	0	0	—	13.4	—	25.2	38	—	21	—	74	0	18	—	141
CAIRO EZBEKIYA	00	8	00	0	0	0	—	9.8	38.6	23	00	6	32	1	0	0	—	12.8	+0.9	26.4	40	+7	22	+2	70	0	23	28	—
CAIRO GIZA	00	8	00	0	0	0	—	9.5	37.9	16	00	8	30	1	0	0	—	12.7	+0.5	23.9	39	+6	18	0	79	0	23	28	—
HELWAN	01	8	26	3	0	2	Cu	9.8	37.0	16	00	6	32	2	0	0	—	12.4	+0.3	25.9	38	+5	21	+1	56	0	26	29	143
SUEZ	00	9	32	3	0	0	—	9.8	35.1	24	00	8	30	2	0	0	—	12.3	+1.2	26.0	37	+2	23	0	74	0	27	18	144
FAIYUM	00	8	00	0	0	0	—	10.0	38.8	27	00	8	02	2	0	0	—	13.6	+1.8	25.0	41	+6	22	+2	70	0	7	8	153
MINYA	00	7	30	2	0	0	—	10.4	36.9	24	00	7	02	2	0	0	—	11.2	0.0	27.5	38	+5	23	+3	58	0	4	—	154
ASYUT	00	8	28	3	0	0	—	8.8	38.1	17	00	5	26	2	0	0	—	10.8	-0.1	30.0	39	+5	22	0	[illegible]	0	2	4	155
QENA	00	8	22	2	0	0	—	6.8	39.3	32	00	8	22	2	0	0	—	10.0	+1.0	30.2	41	+2	22	0	56	0	dr	—	156
LUXOR	00	8	06	2	0	0	—	—	40.2	—	00	8	10	1	0	0	—	—	—	31.9	42	—	22	—	45	0	dr	—	157
ASWAN	00	7	32	4	0	0	—	5.4	41.0	20	00	7	00	0	0	0	—	10.2	+1.0	30.8	42	+2	25	+1	43	0	1	—	158
SIWA	00	8	00	0	0	0	—	9.8	40.1	42	00	8	00	0	0	0	—	15.4	+3.0	27.0	40	+4	20	+1	69	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	10.0	38.0	43																	/		149
KHARGA	00	8	04	2	0	0	—	8.0	38.9	29	00	8	00	0	0	0	—	10.0	-0.5	31.5	40	+2	24	+3	35	0	dr	tr	151
DAKHLA	00	7	18	1	0	0	—	9.9	40.7	14	00	8	00	0	0	0	—	12.3	+0.8	29.6	42	+4	22	0	35	0	dr	—	152
TOR	00	6	28	6	0	0	—	6.8	—	—	00	6	28	3	0	0	—	9.9	+1.9	28.9	35	+2	23	0	—	0	20	13	145
HURGHADA	00	9	04	2	0	0	—	8.0	32.0	54	00	9	30	3	0	0	—	9.9	+1.3	31.4	34	0	22	-2	39	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	8.4	33.1	39	00	7	32	2	0	0	—	9.3	+0.9	31.0	35	+2	28	+2	42	0	tr	6	147
PORT SUDAN											00	—	32	1	2	0	—	7.9	+0.5	36.3	39	0	29	+1	33	0	81	122	169
WADI HALFA											01	8	32	2	1	1	Ci	10.0	-0.1	29.2	42	+3	24	+1	24	—		—	165
KAREIMA											01	8	02	1	0	3	Ci	9.6	+0.7	31.2	42	0	26	0	27	0	13	32	166
ATBARA											00	—	20	3	0	0	—	—	—	34.0	42	+1	29	+3	40	0	52	77	167
KHARTUM											02	8	20	2	1	5	Ac,Cc	9.7	+0.4	31.9	40	+2	27	+2	53	0	75	137	168
KASSALA											01	8	12	1	1	3	Ac	9.5	-1.8	28.5	35	0	23	0	46	0	318	285	170
WAD MEDANI											02	—	22	2	0	4	—	10.4	-0.1	27.4	35	-1	23	+1	80	0	461	343	171
DUEIM											00	—	—	3	0	0	—	9.8	-0.9	28.8	35	-1	23	+1	66	0	389	261	173
RENK																			—										182
ROSEIRES											02	—	14	1	2	4	[illegible]	11.8	+0.1	25.2	32	-1	21	+1	84	5	655	654	172
EL OBEID											03	8	22	2	1	7	Ac	10.8	-0.9	26.2	35	+1	23	+2	69	0	303	286	174
EL FASHER											03	8	06	2	8	7	Sc	—	—	21.5	35	0	20	0	83	47	357	300	175
GENEINA											03	8	20	2	6	7	Ac	—	—	22.8	35	—	21	—	83	6	398	—	179
KADUGLI																												—	187
MALAKAL											02	8	02	2	1	5	Ac,As	11.4	-0.8	25.1	33	+1	23	+2	85	0	767	758	176
WAU																												988	177
JUBA																												802	178

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

UPPER WINDS ON 6th — الرياح العليا يوم ٦

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	P.SUDAN	Salum 5th
7 h. m.	7 h. m.	h. m.	h. m.	8 h. 30 m.	7 h. m.	7 h. m.	4 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. m.	7 h. m.	13 h. — m.
020210	023620			023415	023310	020610	030330	060325	062035	061610	072925	063415	022920	020230
050525	050125			053510	051510	050450	060560	100320	102335	101610	102510	100510	053220	053319
100220	100240			080315	101805	100435	100570	153110	152525	151005	151410	151410	102920	103415
150425	153615			103320	152605	150320	150550	202510	202515	200110	200825	200210	133130	152730
200110				153135	202505	200125	200430	252415	302915	300425		301030		20[illegible]35
250000				202830	303030	250140	300820	301915	403615	401020		400925		252445
303120				232930	403150		330825	401620	500740	501130		451135		302445
353025								501710	560950					352540
403025								600115						
453025														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى 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	59	-9	21.8	+0.2
Ezbekiya	49	-13	22.3	+0.5
Giza	61	-5	21.8	-0.2
Helwan	35	-19	20.3	+0.9

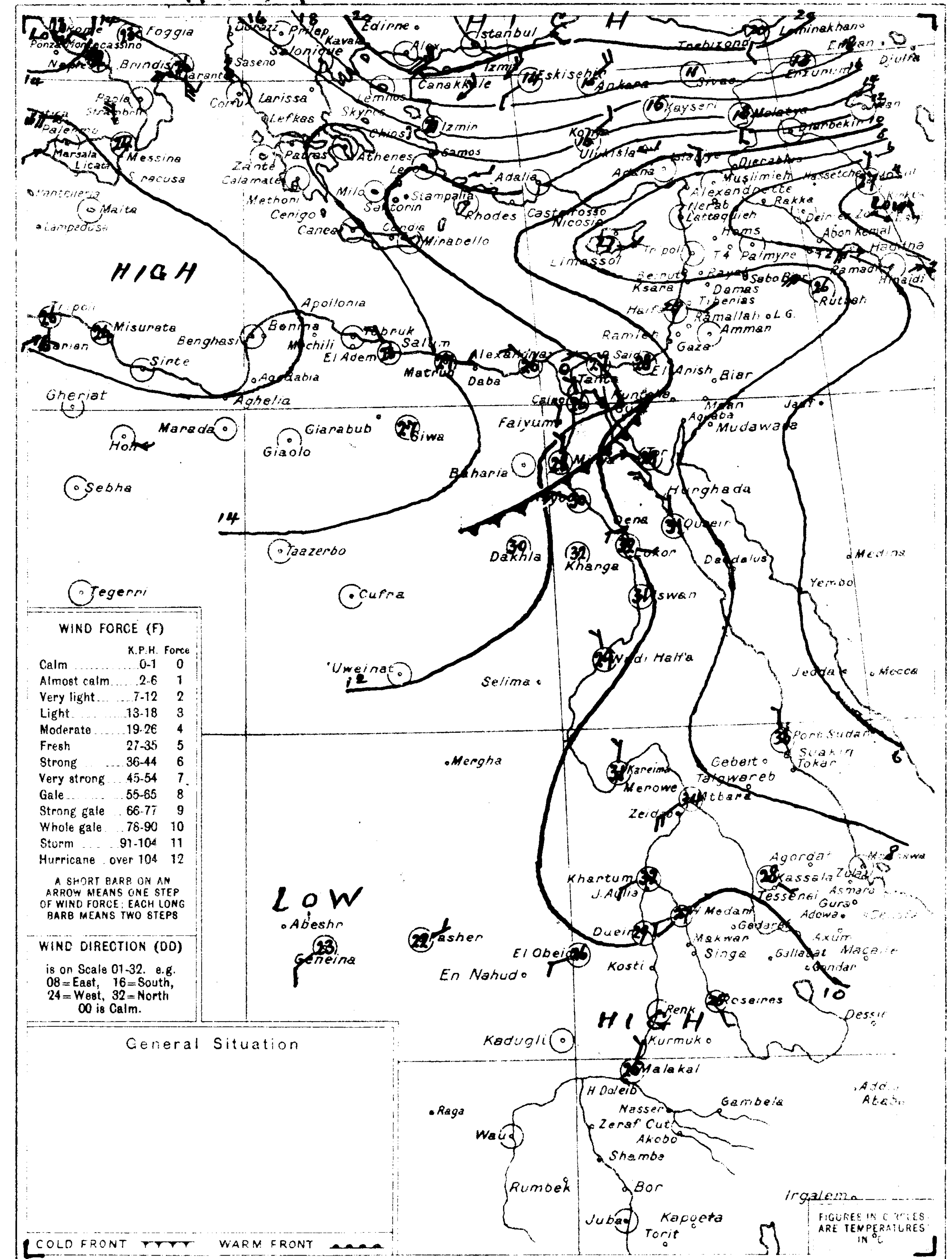
Giza Grass minimum on 6th 12.2 °C

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

DATE	1939	1938
6-9	7628	11301
5-9	7730	11355

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	5-9	13.48	-0.34	13.54	-0.28
Nasser	2-9	9.95	-0.13	9.95	-0.11
Malakal	6-9	12.05	+0.05	12.03	+0.06
Roseires	6-9	18.52	-0.51	18.54	-0.52
Sennar Res.	5-9	17.21	—	17.22	—
J. Aulia U.S	5-9	376.37	—	376.35	—
J. Aulia D.S	5-9	374.90	-0.52	374.90	-0.53
Khartum	6-9	15.30	-0.37	15.32	-0.45
Kh. el Girba	5-9	14.00	0.00	14.10	+0.08
'Atbara	6-9	14.52	-0.55	14.60	-0.48
Kajnarti	5-9	141.23	-0.53	141.31	-0.46
Aswan Res.	6-9	97.00	—	97.00	—
Aswan D.S.	6-9	91.79	-0.37	91.86	-0.30
Roda (Cairo)	6-9	18.73	+0.12	18.61	+0.06

Isobars, Wind and Temperature at 8 h. 6-9-1939. ١٩٣٩-٩-٦



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

STATION مرصد	At 8 h. on 6th: Present weather (ww)	Visibility (V)	Wind Dir. (DD)	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	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	—	10.0	0.0	27	—	—	—	—	—	0	610	466
Haifa	02	—	10	2	—	4	—	7.2	-1.7	28.6	31	0	23	+2	56	0	559	648
SHIPS سفن																		

Remarks

Please read rainfall at Malakal on 2-9-39 140 m instead of 64 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
Slight Duststorm
Rain in past hour
Slight Thunderstorm
Heavy Thunderstorm
Duststorm
Fog or Thick Haze
Mod. Fog in last hour
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog
Snow
Showers
of Snow
of Hail
Thunderstorm
Visibility 50 Km

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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO
Time of Sunrise h. 05 m. 34
" " Sunset h. 18 m. 11

Month SEPTEMBER 1939 ١٩٣٩ شهر سبتمبر

STATION	14h 6th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h THURSDAY 7th ww	V	DD	F	W	N	C	M.S.L. 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
SALUM	00	8	02	5	0	0	—	14.7	27.1	73	01	7	30	3	0	2	Cu	15.2	+1.8	24.1	28	—	20	—	74	0	182	—	130
MATRUH	00	7	30	4	0	0	—	13.8	28.2	78	01	7	02	2	1	2	Cb	14.0	+1.0	26.8	28	0	19	-2	69	0	122	160	131
DIKHEILA	01	8	28	4	1	2	St	13.4	26.2	90	01	8	30	3	1	4	Sc	13.9	—	25.1	27	—	24	—	83	0	94	—	150
ALEXANDRIA	01	9	28	4	2	3	Ac	12.6	27.6	65	02	9	02	1	2	4	Ac	13.6	+0.5	25.8	29	-1	23	0	67	0	166	185	132
DAMIETTA	·										02	8	30	1	1	4	Cu	12.7	—	26.4	29	—	23	—	73	0	70	107	159
PORT SAID	00	7	28	4	1	0	—	11.4	32.0	56	02	7	28	2	1	4	Cu	12.3	+1.4	27.0	32	+1	24	+1	71	0	64	81	134
EL 'ARISH	00	7	30	2	0	0	—	11.4	28.9	73	01	7	20	1	0	1	St	12.2	—	27.0	30	—	20	—	71	0	130	93	135
DAMANHUR											01	8	32	3	1	2	Cu	13.4	+1.4	26.1	32	-1	20	+1	73	0	29	103	136
MANSURA											01	8	32	2	1	3	Cu	13.1	—	25.4	34	0	22	+2	74	0	46	55	137
TANTA	01	7	28	3	1	2	Ac	11.8	33.0	50	01	7	00	0	1	2	Ac	13.3	+0.7	26.0	34	0	20	0	76	0	41	43	138
ZAGAZIG	00	9	28	3	0	0	—	11.6	33.8	56	01	8	30	1	1	3	Cu	13.5	—	26.8	34	0	21	+2	81	0	31	29	139
CAIRO ALMAZA	00	8	28	3	0	0	—	12.0	33.0	50	02	7	28	2	2	6	St	13.6	—	24.6	34	—	22	—	72	0	18	—	141
CAIRO EZBEKIYA	00	8	30	2	0	0	—	11.1	34.0	36	02	6	02	3	2	5	Cu	13.1	+1.1	25.6	35	+2	23	+3	72	0	23	28	—
CAIRO GIZA	00	8	30	2	0	0	—	10.8	33.5	32	02	7	30	3	1	5	Cu	13.4	+1.1	24.9	34	+1	22	+4	79	0	23	28	—
HELWAN	00	8	28	4	0	0	—	10.6	33.4	26	05	6	32	3	1	3	Cu	13.3	+1.1	24.3	34	+1	21	+1	69	0	26	29	143
SUEZ	00	9	02	3	0	0	—	9.9	34.2	27	01	7	32	2	1	4	Cu	12.7	+1.5	24.6	35	0	22	-1	72	0	27	18	144
FAIYUM	00	8	32	2	0	0	—	10.4	34.8	28	00	7	32	3	0	0	—	13.3	+0.9	24.5	36	+2	22	+2	76	0	7	8	153
MINYA	00	8	32	2	0	0	—	9.5	37.6	34	01	7	32	3	2	3	Cu	12.7	+1.4	25.0	38	+5	23	+3	74	0	4	—	154
ASYUT	00	7	26	3	0	0	—	8.3	38.6	22	00	6	28	3	0	0	—	11.9	+0.9	26.0	40	+6	24	+2	69	0	2	4	155
QENA	00	8	26	2	0	0	—	8.0	39.7	30	01	8	04	2	1	3	Ac	9.3	+0.2	31.3	42	+4	24	+2	45	0	dr	—	156
LUXOR	00	8	16	1	0	0	—	—	41.2	—	00	8	00	0	0	0	—	—	—	32.0	42	—	24	—	48	0	dr	—	157
ASWAN	00	7	04	5	0	0	—	6.6	41.0	26	01	7	00	0	1	3	Ci	8.6	-0.6	32.6	42	+2	27	+3	32	0	1	—	158
SIWA	00	8	04	1	0	0	—	13.1	37.0	48																	7	8	148
BAHARIYA	00	9	08	1	0	0	—	8.8	37.0	44	00	9	00	0	0	0	—	13.8	—	23.5	39	—	—	—	87	0	1	—	149
KHARGA	00	8	32	1	0	0	—	8.6	41.8	25																	dr	tr	151
DAKHLA	00	7	24	4	0	0	—	9.1	42.5	7	00	8	26	4	0	0	—	12.3	+0.7	29.8	43	+5	26	+5	31	0	dr	—	152
TOR	01	6	28	3	0	1	Cu	7.9	29.0	—																	20	13	145
HURGHADA	01	9	02	3	0	3	St	8.6	35.2	40																	1	—	146
QUSEIR	00	7	02	2	0	0	—	8.8	31.4	63																	tr	6	147
PORT SUDAN																											81	122	169
WADI HALFA											01	7	32	2	0	3	Cs	9.9	-0.2	30.0	44	+5	24	+1	37	—	—	—	165
KAREIMA																												32	166
ATBARA																												77	167
KHARTUM																												138	168
KASSALA																												287	170
WAD MEDANI																												346	171
DUEIM																												263	173
RENK																		—			—		—	—				—	182
ROSEIRES																												659	172
EL OBEID																												289	174
EL FASHER																												301	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL																												763	176
WAU																												994	177
JUBA																												806	178

UPPER WINDS ON 7th الرياح العليا يوم ٧

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

SALUM 6h	MATRUH 7h	DIKHEILA	CAIRO	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 3h	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	P. SAID 7h	Salum 6th 13h
023220	023610			023525	023220	051710	030120						020115	020225
053615	053515			050220	050130	100215	063550						053610	053615
103520	103425			100120	103630	152210	103525						073510	103410
153230	153520			153620	153420	202620	153530						—	153215
203040				203215	202705	252720	200215							203020
253335				253310	302115	302720	303620							253215
303325				302410			380305							303515
				352725										353325
				402540										402810
				502740										

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	70	+2	22.5	+1.0
Ezbekiya	60	-4	22.8	+0.5
Giza	69	+3	21.9	0.0
Helwan	50	-4	20.8	+1.5

Giza Grass minimum on 7th 15.6°C

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

DATE	1939	1938
7-9		
6-9		

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6-9	13.46	-0.37	13.48	-0.34
Nasser	2-9	9.95	-0.13	9.95	-0.11
Malakal	7-9	12.05	+0.03	12.05	+0.05
Roseires	7-9	18.02	-0.97	18.52	-0.51
Sennar Res.	7/6-9	17.19	—	17.21	—
J. Aulia U.S	6-9	376.29	—	376.37	—
J. Aulia D.S	6-9	375.05	-0.36	374.90	-0.57
Khartum	6-9	15.30	-0.37	15.22	-0.45
Kh. el Girba	6-9	13.96	+0.01	14.03	0.00
'Atbara	7-9	14.50	-0.55	14.52	-0.55
Kajnarti	6-9	141.16	-0.58	141.23	-0.53
Aswan Res.	7-9	97.00		97.00	
Aswan D.S.	7-9	91.72	-0.43	91.79	-0.37
Roda (Cairo)	7-9	18.80	+0.16	18.73	+0.12

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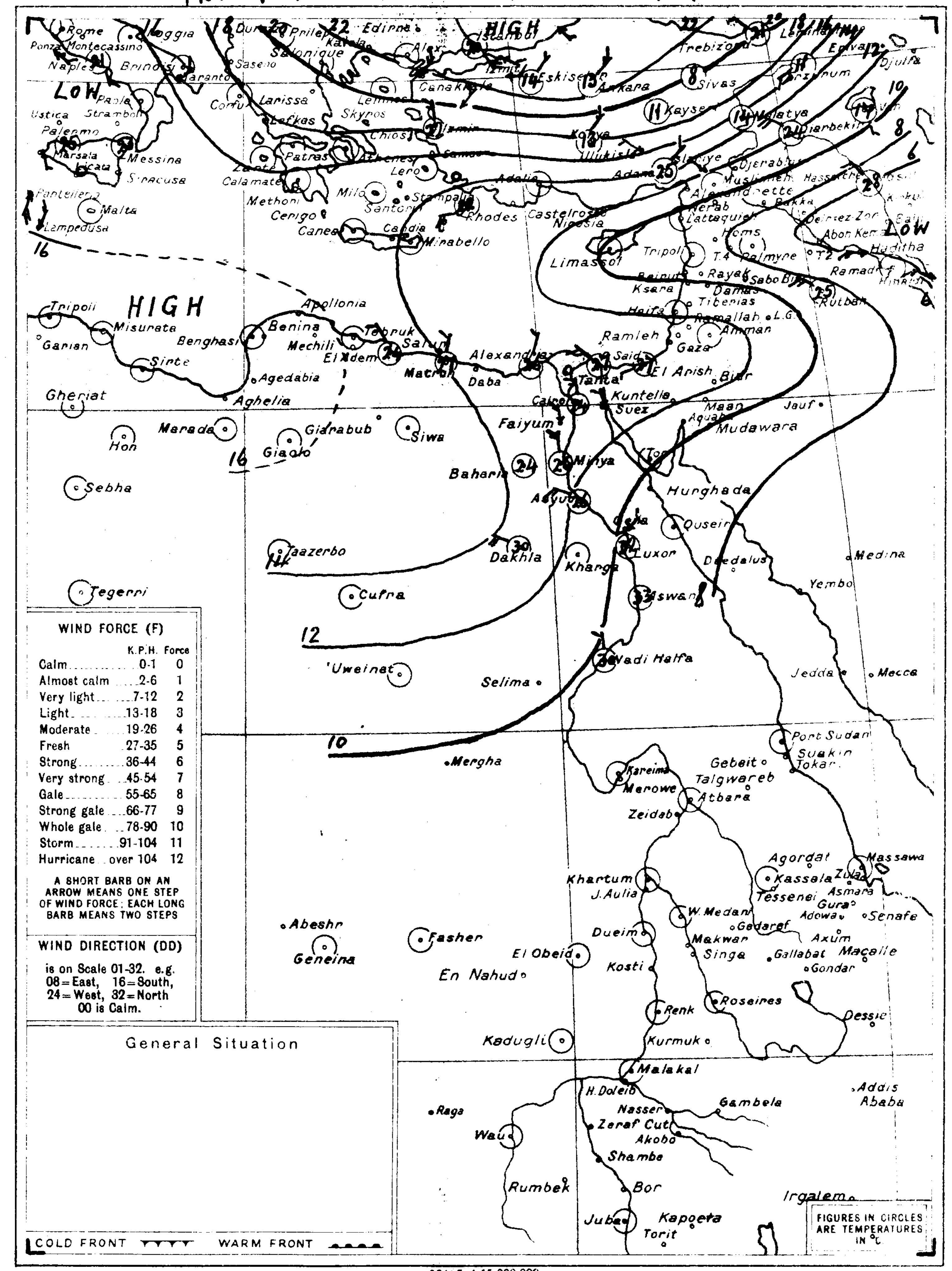
Isbars, Wind and Temperature at 8 h. 7-9-1939. ١٩٣٩-٩-٧



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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

STATION مرصد	At 8h. on 7th ww	V	DD	F	W	N	C	M.S.L. PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today	Diff. from norm.	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol																		166
Haifa																		648
Baharia 6th	00	9	02	1	0	0	—	11.6	—	27.4	40	—	—	—	75	0	1	—
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 ...	07
Light ...	08
Distant ...	09
...	10
Thunder ...	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	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	96
,, heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

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 — 1417 F.C.

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 05 h 35 m
Time of Sunset 18 h 09 m

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر

At 4 h. on 7th — الساعة ٤ يوم ٧ | At 8 h. on FRIDAY 8th — الساعة ٨ يوم الجمعة ٨

STATION	4h: Present weather ww	4h: Visibility	4h: Wind Dir. DD	4h: Wind Force F	4h: Past weather W	4h: Cloud Amount N	4h: Cloud Form C	4h: Bar. press. M.S.L. 1000+ mbs PPP	4h: °C Temp TTT	4h: % 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
SALUM	01	8	02	6	0	1	Cu.	15.1	26.2	54	01	8	06	2	0	2	Cu.	14.7	+1.1	24.0	26	—	20	—	64	0	182	—	130
MATRUH	01	8	30	3	0	2	Cu.	13.9	27.2	77	00	7	04	2	1	4	Cb	15.0	+1.9	26.7	28	0	21	0	78	0	122	160	131
DIKHEILA	01	8	30	3	1	1	Cu.	14.0	26.1	85	01	8	02	1	1	3	Sc.	13.6	—	26.2	27	—	24	—	80	0	94	—	150
ALEXANDRIA	01	9	02	4	2	3	Ac.	13.4	26.3	61	02	9	00	0	2	4	Ac.	13.3	+0.1	25.8	29	−1	23	0	70	0	166	185	132
DAMIETTA											01	8	32	1	1	3	Cu.	12.6	—	26.5	28	—	22	—	77	0	70	107	159
PORT SAID	00	7	30	3	1	0	—	12.0	30.8	57	01	7	02	2	1	3	Ac.	12.2	+1.1	27.0	32	+2	24	+1	80	0	64	81	134
EL ARISH	00	7	30	2	0	0	—	11.5	28.1	73	00	7	00	0	0	0	—	11.9	—	28.2	30	—	21	—	74	0	130	93	135
DAMANHUR											01	7	04	2	1	2	Cu.	13.3	+1.2	25.4	30	−2	19	0	79	0	29	103	136
MANSURA											00	8	32	1	0	0	—	13.0	—	25.3	34	0	22	+2	81	0	46	55	137
TANTA	01	7	28	2	1	2	Ac.	12.0	32.0	54	00	7	00	0	0	0	—	13.3	+0.6	26.0	33	−1	18	−2	76	0	41	43	138
ZAGAZIG	01	9	30	1	0	2	Cu.	12.2	32.8	61	00	8	30	1	0	0	—	13.1	—	26.8	33	−1	20	+2	83	0	31	29	139
CAIRO: ALMAZA	01	8	26	2	0	1	Cu.	12.2	32.4	56	05	6	32	2	0	6	St.	13.3	—	24.1	33	—	21	—	83	0	18	—	141
CAIRO: EZBEKIYA	01	8	02	1	0	1	Cu.	11.4	33.2	44	03	6	02	2	2	6	Sc.	12.7	+0.6	24.6	34	+1	22	+2	80	0	23	28	—
CAIRO: GIZA	01	8	02	1	0	1	Cu.	11.6	32.6	41	03	6	02	2	2	6	Sc.	12.7	+0.3	24.4	33	0	21	+3	83	0	23	28	—
HELWAN	00	8	32	5	0	0	—	11.0	32.9	30	09	6	02	3	1	4	Cu.	12.6	+0.3	25.0	33	0	22	+2	75	0	26	29	143
SUEZ	00	9	02	2	0	0	—	10.7	32.3	35	01	7	32	3	0	1	Cu.	12.0	+0.7	26.4	33	−2	22	−1	82	0	27	18	144
FAIYUM	00	8	30	2	0	0	—	9.6	33.3	37	00	8	32	3	0	0	—	12.3	−0.2	26.3	35	+1	21	+1	69	0	7	8	153
MINYA	00	8	30	3	1	0	—	11.0	33.4	34	00	6	32	3	0	0	—	11.5	+0.1	24.3	34	+1	22	+2	77	0	4	—	154
ASYUT	00	8	28	3	0	0	—	9.5	35.2	27	00	6	22	3	0	0	—	11.0	−0.1	26.2	36	+2	22	0	67	0	2	4	155
QENA	01	8	22	2	1	4	Cs.	7.6	39.0	31	00	8	26	3	0	0	—	9.4	+0.2	28.0	42	+4	25	+3	57	0	dr.	—	156
LUXOR	00	8	22	2	0	0	—	—	40.5	—	00	8	14	2	0	0	—	—	—	30.8	43	—	22	—	51	0	dr.	—	157
ASWAN	01	7	28	1	1	3	Ci	4.7	42.8	23	00	7	32	4	0	0	—	8.3	−1.0	30.2	44	+4	27	+3	40	0	1	—	158
SIWA	00	8	00	0	0	0	—	15.2	34.0	56	00	8	00	0	0	0	—	13.8	+1.2	25.2	37	+1	18	−1	74	0	7	8	148
BAHARIYA	00	9	32	2	0	0	—	13.8	31.0	59	00	9	32	3	0	0	—	13.9	—	22.3	35	—	—	—	83	0	1	—	149
KHARGA	00	8	04	3	0	0	—	7.2	37.9	27	00	8	32	3	0	0	—	9.4	−1.2	29.7	43	+5	27	+6	38	0	dr.	tr.	151
DAKHLA	00	7	30	4	0	0	—	11.1	35.2	19	00	8	18	1	0	0	—	12.6	+1.0	27.5	37	−1	23	+2	35	0	dr.	—	152
TOR	00	6	28	4	0	0	—	8.2	30.2	72	00	6	28	4	0	0	—	8.7	+0.4	27.8	31	−1	20	−3	78	0	20	13	145
HURGHADA	01	9	02	4	1	3	Ci	8.0	33.1	41	00	9	30	4	0	0	—	9.3	+0.3	29.6	34	0	24	0	61	0	1	—	146
QUSEIR	01	7	32	2	0	1	Ci	8.7	31.0	59	00	7	32	2	0	0	—	8.7	+0.1	30.0	33	0	27	+1	53	0	tr.	6	147
PORT SUDAN											00	—	28	1	0	0	—	7.1	−0.5	38.7	39	0	29	+1	19	0	81	122	169
WADI HALFA											00	8	30	4	0	0	—	9.2	−1.0	29.3	43	+4	26	+4	29	—	—	—	165
KAREIMA											05	7	02	4	0	0	—	8.7	−0.2	32.8	42	0	27	+1	16	0	13	32	166
ATBARA											00	—	22	2	0	0	—	7.6	−0.7	33.8	41	0	28	+2	35	0	52	78	167
KHARTUM											03	8	16	1	1	6	Cu, Ac	9.3	0.0	29.0	33	−6	26	+1	64	0	75	138	168
KASSALA											00	8	12	1	0	0	—	9.3	−1.9	25.7	35	0	22	−1	69	0	335	289	170
WAD MEDANI											00	—	16	5	0	0	—	8.4	−2.0	27.2	33	−3	22	0	73	0	467	348	171
DUEIM											02	—	—	3	0	4	—	9.6	−1.0	27.8	32	−4	21	−1	76	1	397	264	173
RENK																													182
ROSEIRES											02	—	14	1	0	4	—	10.7	−0.4	25.0	31	−2	23	+3	83	0	650	664	172
EL OBEID											03	8	20	1	1	6	Ac.	9.5	−2.2	26.5	33	−1	24	+3	69	0	312	292	174
EL FASHER											01	8	00	0	1	4	Ac.	—	—	25.5	38	+1	23	+3	76	0	357	302	175
GENEINA											03	8	24	1	1	6	Ac.	—	—	21.0	35		18		82	0	395	—	179
KADUGLI																												—	187
MALAKAL											02	8	06	2	1	5	Ac.	10.8	−1.3	24.8	32	0	22	+1	85	0	769	768	176
WAU																												999	177
JUBA											01	8	30	2	1	4	Ci	11.2	−1.2	26.6	34	+2	21	+1	69	0	872	809	178

UPPER WINDS ON 8 — 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.

SALUM 7h	MATRUH	DIKHEILA 7h	ALMAZA 10h	HELWAN	ASYUT	ASWAN	WADI HALFA 6h	KAREIMA 7h	KHARTUM 4h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA 7h	SALUM 13h
02 04 10		02 01 10	02 05 15				03 02 25	06 03 40	06 19 45	06 14 10	07 27 25	06 33 15	06.29.40	02 03 20
05 05 15		05 01 10	05 05 15				06 01 45	10 01 50	10 17 05	10 17 15	10 27 25	10 35 10	10.36.40	05 34 20
10 07 20		10 01 15	10 08 25				10 35 25	15 01 25	15 05 05	15 06 15	15 31 15	15 02 05	15.09.35	10 28 20
15 01 20		15 14 35	15 08 30				15 34 30	20 03 20	20 02 15	20 02 15	20 06 10	20 02 20	20.10.15	15 33 20
20 35 15		17 16 10	20 06 25				20 32 30	25 04 20	30 30 05	30 05 25	30 09 30	27 06 20	30.07.10	20 31 35
25 36 15			25 06 15				30 23 10	30 06 10	36 05 15	35 06 25	40 10 45		40.07.20	25 33 20
30 04 10							40 19 25	40 13 10			42 09 30		43.09.35	30 33 20
35 01 10							50 25 25	50 21 30						
40 03 10							60 33 05							
45 33 15														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 7th	Humidity Diff. from normal	Wet bulb temp °C on 7th	Wet bulb Diff. from normal
Alexandria	66	−2	21.2	−0.2
Ezbekiya	63	−1	22.8	+0.6
Giza	69	+3	22.7	+0.8
Helwan	60	+6	21.2	+1.9

Giza Grass minimum on 6th 16.0 °C

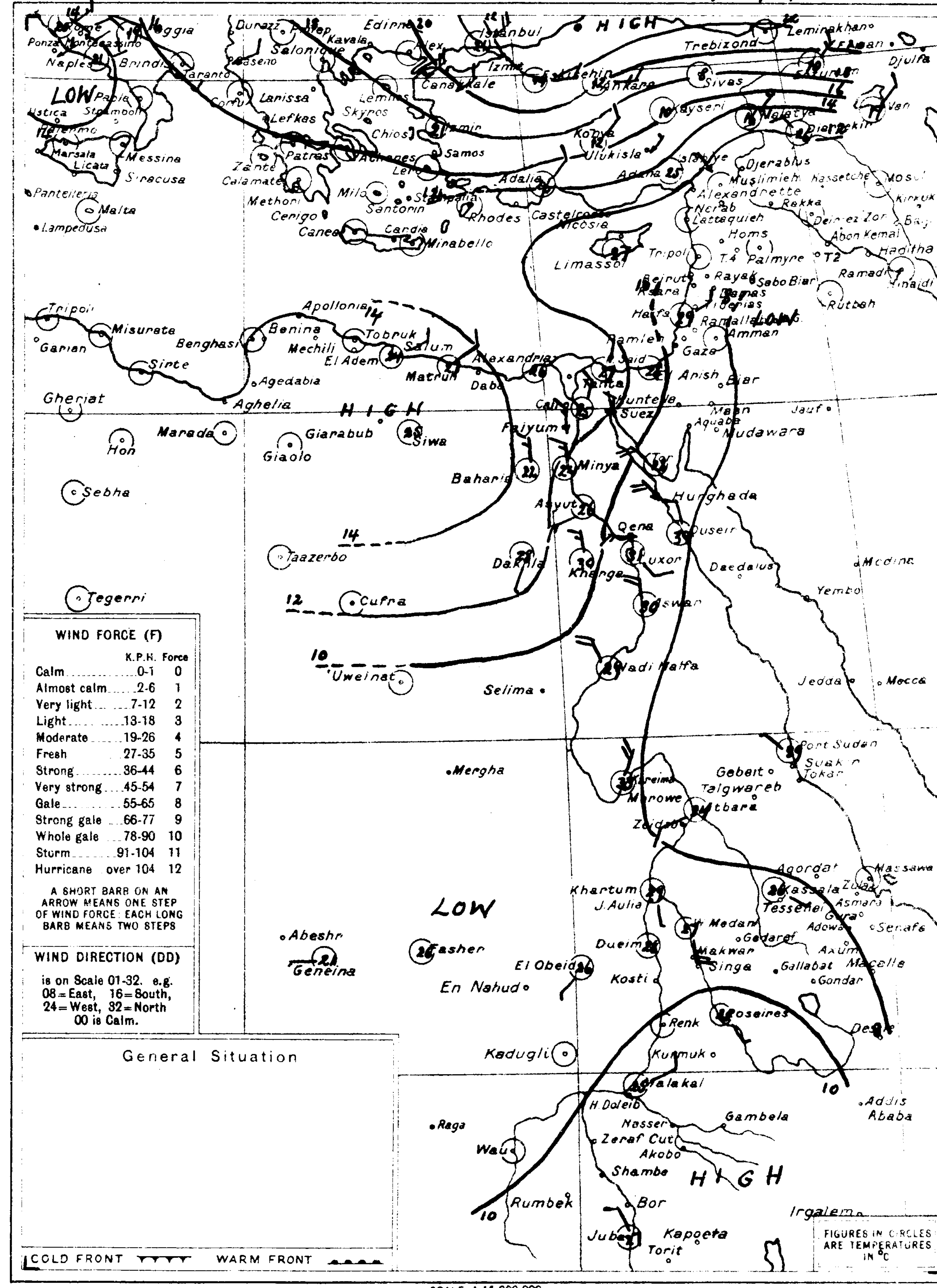
Discharges at Aswan measured by sluices m^3 per sec.

DATE	1939	1938
8-9	7495	11193
7-9	7538	10260

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6-9	13.46	−0.37	13.48	−0.34
Nasser	2-9	9.95	−0.13	9.95	−0.11
Malakal	7-9	12.05	+0.03	12.05	+0.05
Roseires	7-9	18.02	−0.97	18.52	−0.51
Sennar Res.	8-9	17.20	—	17.22	—
J. Aulia U.S	6-9	376.29	—	376.37	—
J. Aulia D.S	6-9	375.45	−0.36	374.90	−0.52
Khartum	6-9	15.30	−0.37	15.22	−0.45
Kh. el Girba	6-9	13.96	+0.01	14.00	0.00
Atbara	7-9	14.50	−0.55	14.52	−0.55
Kajnarti	8-9	141.07	−0.63	141.16	−0.56
Aswan Res.	8-9	97.00	—	97.00	—
Aswan D.S.	8-9	91.70	−0.44	91.72	−0.43
Roda (Cairo)	7-9	18.80	+0.16	18.73	+0.12

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

١٩٣٩-٩-٨ Isobars, Wind and Temperature at 8 h. 8-9-1939.



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 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	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
LIMASSOL	00	7	00	0	0	0	—	11.5	+0.7	27	—	—	—	—	—	0	610	466
HAIFA	00	—	06	2	—	0	—	12.2	+1.4	28.8	31	0	25	+4	49	0	559	648
Siwa 7th	00	8	04	1	0	0	—	15.8	+2.3	26.0	38	+2	18	−1	84	0	7	8
Kharga	00	8	32	2	0	0	—	10.6	+0.1	26.9	38	0	24	+3	38	0	dr.	tr.
Tor	00	6	28	4	0	0	—	9.4	+1.8	26.0	40	+8	25	+2	77	0	20	13
Hurghada	00	9	30	4	0	0	—	9.8	+1.1	29.5	35	+4	27	+3	51	0	1	—
Quseir	01	7	32	2	0	1	Ci	9.3	+0.8	31.0	35	+2	27	+1	54	0	tr.	6
SHIPS سفن																		

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 Devil	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	14
Rain in past hour	20-29
Slight Thunderstorm	25
Heavy Thunderstorm	26
Duststorm	30-39
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	46
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
,, of Snow	83-84
,, of Sleet	85-86
,, of Hail	87-88
Thunderstorm	90-99
,, mixed Snow Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, mixed with rain	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 35
" " Sunset h 18 m 08

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month SEPTEMBER 1939 ١٩٣٩ شهر سبتمبر

At 14 h. on 8th / الساعة ١٤ يوم ٨ — At 8 h. on SATURDAY 9th / الساعة ٨ يوم السبت ٩

STATION	14h Present weather (ww)	14h Visibility (V)	14h Wind Dir (DD)	14h Wind Force (F)	14h Past weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. press. M.S.L. 1000+ m.b.s. (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+ m.b.s. (PPP)	8h Diff. from normal m.b.s.	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 No.
SALÛM	01	8	04	5	0	1	cu	14.3	25.0	64	01	7	12	2	0	2	cu	13.1	.	23.6	26		20		80	0	182	—	130
MATRUH	00	7	28	3	1	0	—	13.0	26.8	84	00	6	20	2	0	0	—	12.8	-0.5	26.8	27	-1	15	-5	77	0	122	160	131
DIKHEILA	00	8	32	2	0	0	—	13.0	27.0	85	01	8	02	3	1	4	Fc,Fs	12.8	—	25.9	27		24		84	0	94	—	150
ALEXANDRIA	00	9	02	2	0	0	—	12.3	28.5	64	02	9	04	1	2	4	Ac	11.9	-1.4	26.4	30	0	23	+1	68	0	166	185	132
DAMIETTA											01	8	32	2	1	2	Ac	11.0	—	25.6	30		23		79	0	70	107	159
PORT SAID	01	7	02	3	1	3	Ac.	11.4	31.6	60	01	7	02	2	1	3	Ac	11.0	-0.2	27.0	33	+3	24	+1	70	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	10.4	29	69	00	7	00	0	0	0	—	10.7	—	27.0	30		18		66	0	130	93	135
DAMANHUR											02	8	32	3	2	4	cu	11.9	-0.3	26.0	33	+1	20	+1	78	0	29	103	136
MANSURA											00	8	04	1	0	0	—	11.6	—	25.6	34	0	21	+1	80	0	46	55	137
TANTA	02	7	28	2	1	5	cu	11.2	33.0	44	02	7	32	1	1	5	cu	11.6	-1.2	25.5	34	0	18	-2	84	0	41	43	138
ZAGAZIG	01	9	30	1	0	1	cu	10.4	32.9	—	01	8	30	2	0	3	cu	11.8	—	26.9	33	-1	20	+2	83	0	31	29	139
ALMAZA	01	8	02	4	0	3	cu	10.7	32.6	56	01	7	02	3	1	4	cu	12.0	—	24.4	33		21		88	0	18	—	141
EZBEKIYA	01	7	32	3	1	3	Cu	10.0	33.6	42	02	5	28	2	1	4	Fs.	11.4	-0.8	24.8	35	+2	21	+1	78	0	23	28	—
GIZA	01	7	32	3	0	3	cu	9.6	32.7	46	05	5	28	2	1	4	Fs.	11.0	-1.5	23.6	33	+1	21	+3	87	0	23	28	
HELWAN	01	8	02	5	1	3	cu	9.4	33.5	27	05	6	02	4	1	4	cu	10.8	-1.6	24.7	35	+2	21	+1	72	0	26	29	143
SUEZ	01	9	02	3	0	2	cu	9.1	33.7	35	00	8	30	2	0	0	—	10.4	-1.0	25.4	34	-1	21	-1	72	0	27	18	144
FAIYUM	01	8	32	4	0	3	cu	9.3	33.3	35	02	7	32	3	0	4	cu	10.8	-1.8	24.0	35	+1	21	+1	84	0	7	8	153
MINYA	00	7	32	3	0	0	—	9.1	32.8	41	00	7	30	3	1	0	—	9.4	-2.1	24.7	34	+1	22	+2	77	0	4	—	154
ASYUT	00	8	22	3	0	0	—	8.2	35.0	24	00	7	26	3	0	0	—	8.8	-2.4	26.2	36	+2	21	-1	47	0	2	4	155
QENA	00	8	22	2	0	0	—	6.4	38.1	36	02	7	28	1	1	4	cu	7.4	-1.9	27.8	39	+1	24	+2	63	0	dr	—	156
LUXOR	00	8	20	1	0	0	—	—	40.3	—	01	8	10	1	1	3	St.	—	—	30.5	41	—	22	—	51	0	dr	—	157
ASWAN	00	7	24	1	0	0	—	4.2	40.0	29	02	7	32	2	1	5	ci	6.0	-3.4	29.0	42	+2	26	+2	44	0	1	—	158
SIWA	00	8	—	0	0	0	—	13.8	25.2		00	8	00	0	0	0	—	12.8	+0.1	24.8	—	—	17	-2	83	0	7	8	148
BAHARIYA	00	9	32	2	0	0	—	11.0	31.2	60	00	9	32	1	0	0	—	10.7	—	24.5	33	—	—	—	83	0	1	—	149
KHARGA	00	8	04	3	0	0	—	8.6	36.5	22	00	8	32	2	0	0	—	8.3	-2.4	27.9	37	-1	23	+2	37	0	dr	tr	151
DAKHLA	00	7	30	5	0	0	—	10.3	32.5	24	00	8	00	0	0	0	—	10.4	-1.4	27.0	35	-2	21	0	43	0	dr	—	152
TOR	00	6	28	4	0	0	—	6.6	30.9	69	01	6	28	5	0	1	ci	6.3	-2.1	28.2	33	+1	24	+1	76	0	20	13	145
HURGHADA	00	9	02	2	0	0	0	6.6	31.1	56	03	9	30	3	2	6	ci	7.4	-1.6	29.3	33	-1	25	+1	40	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	7.9	31.3	59	01	7	32	3	0	1	ci	7.1	-1.6	30.4	33	0	27	+1	50	0	tr	6	147
PORT SUDAN											00	—	20	2	0	0	—	5.5	-2.2	33.5	40	+2	27	-1	63	0	81	122	169
WADI HALFA											02	8	02	2	1	5	Cs.	8.4	-1.9	27.7	40	+1	24	+2	27	—	—	—	165
KAREIMA											05	7	32	1	1	7	Cs.	8.1	-0.9	30.1	42	0	25	-1	25	0	13	32	166
ATBARA											03	—	18	3	3	7	—	7.2	-1.1	32.0	43	+2	27	+1	36	0	52	78	167
KHARTUM											03	8	16	3	1	7	Ac.As	10.3	+1.1	26.5	42	+3	25	0	63	0	75	139	168
KASSALA											01	8	14	3	1	4	Ac.	10.3	-0.9	26.3	37	+2	23	0	62	dr.	335	290	170
WAD MEDANI											03	—	00	0	6	7	—	13.0	+2.6	22.2	36	0	21	-1	89	4	471	350	171
DUEIM											03	—	12	3	6	7	—	10.3	-0.2	25.0	37	+1	20	-2	79	22	479	266	173
RENK																												—	182
ROSEIRES											03	—	10	1	2	7	—	11.8	+0.2	23.7	36	+3	22	+2	84	dr.	658	670	172
EL OBEID											03	8	04	4	1	8	St.Ac	11.1	-0.5	22.0	36	+2	20	-1	82	8	320	294	174
EL FASHER											02	8	02	3	1	5	Ac.	—	—	25.3	37	+2	22	+2	76	0	357	303	175
GENEINA											01	8	00	0	1	4	Ac	—	—	17.9	34	—	16	—	90	0	395	—	179
KADUGLI																											—	—	187
MALAKAL											03	8	32	2	8	7	Ac.	10.6	-1.5	23.6	34	+2	21	0	77	116	885	774	176
WAU											03	—	32	4	6	7	—	10.8	-0.4	22.7	34	+1	19	-1	83	19	1010	1004	177
JUBA											03	8	00	0	1	6	Cs	12.5	+0.1	22.6	32	-1	18	-2	74	5	988	813	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 7 h. m.	DIKHEILA 7 h. m.	CAIRO h. m.	HELWAN h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 4 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.	h. m.
	02 04 15	03 02 15			02 32 25	02 01 10	03 36 20	06 35 40	06 19 45	06 19 25	07 21 15	06 32 30	06.08.30	
	05 04 15	05 01 15			05 02 15	05 36 45	06 01 30	10 33 25	10 23 35	10 21 25	10 04 15	10 33 40	10.08.25	
	10 09 20	10 04 25			10 36 35	10 02 20	10 34 35	15 31 25	15 26 15	15 20 15		15 36 15	15.09.25	
	15 17 45	15 02 15			15 34 30	15 28 15	15 02 15	20 30 15	20 02 20	20 25 10		20 19 25	20.01.20	
	17 19 20	17 02 15			20 34 40	20 18 05	20 09 10	30 15 15	25 02 40	30 08 20		30 18 45	30.05.05	
					30 02 25	25 00 00		38 16 20	30 36 20	40 11 25		40 17 40	40.23.15	
									40 32 30	50 08 25		50 15 40	50.22.10	
										57 05 25		60 14 25	56.25.05	
												63 14 15		

Forecast for 24 hours from noon on:

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

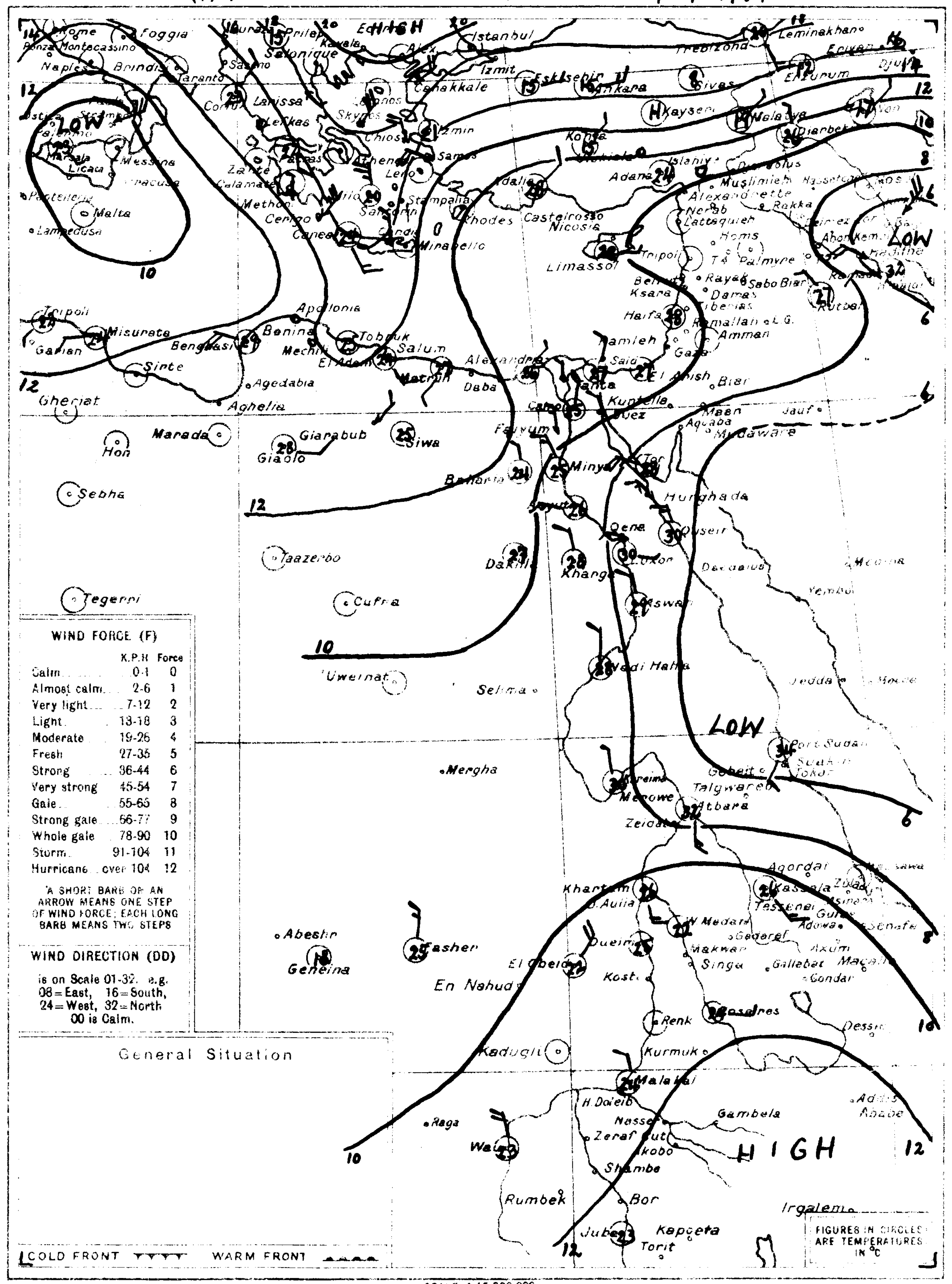
STATION	Mean of day Humidity % on 8th	Diff. from normal	Wet bulb temp °C on 8th	Diff. from normal
Alexandria	72	+4	22.7	+1.3
Ezbekiya	63	-1	22.8	+0.6
Giza	67	+1	23.0	+1.1
Helwân	56	+2	21.1	+1.8
Giza Grass minimum on 9th			14.6°C	

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

DATE	1939	1938
9-9	7466	11069
8-9	7495	11193

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	8-9	13.53	-0.30	13.50	-0.33
Nasser	4-9	9.97	-0.15	9.96	-0.15
Malakâl	9-9	12.08	+0.04	12.05	+0.02
Roseires	9-9	17.86	-1.01	17.94	-0.98
Sennâr Res.	9-9	17.21	—	17.20	—
J. Aulia U.S.	8-9	376.21	—	376.28	—
J. Aulia D.S.	8-9	375.12	-0.28	374.98	-0.42
Khartûm	8-9	15.33	-0.34	15.42	-0.25
Kh. el Girba	8-9	13.70	-0.16	13.75	-0.15
'Atbara	9-9	14.61	-0.40	14.54	-0.48
Kajnarti	9-9	140.95	-0.73	141.07	-0.63
Aswân Res.	9-9	97.00	—	97.00	—
Aswân D.S.	9-9	91.69	-0.45	91.70	-0.44
Rôda (Cairo)	9-9	18.60	-0.07	18.76	+0.09

Isobars, Wind and Temperature at 8 h. 9-9-1939 ١٩٣٩-٩-٩



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 OF 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 1:15,000,000 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)	M.S.L. 1000+ m.b.s. (PPP)	Diff. from normal m.b.s.	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	08	1	0	0	—	10.0	-1.0	28	—	—	—	—	—	0	610	466
HAIFA	00	—	00	0	—	0	—	11.1	+1.8	28.3	31	0	22	+1	56	0	559	648
SHIPS سفن																		

Remarks

* Juba rainfall: Please add:–
40 m.m. on 8-4-39 D.W.R.
13 m.m on 3-8-39
38 m.m on 8-8-39

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

VISIBILITY (V)

Objects not visible at 50 metres
200
500
1 kilometre
10
20
50
Visible over 50 kms.

CLOUD AMOUNT (N)

Clear
Trace
1 Tenth
2, 3 Tenths
4, 5, 6 Tenths
7, 8 Tenths
9 Tenths
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

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 36 m
Time of Sunset 18 h 07 m

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

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر — ١٩٣٩-٩-١٠

At 14 h. on 9th — الساعة ١٤ يوم ٩ ; At 8 h. on SUNDAY 10th — الأحد ١٠ — الساعة ٨ يوم

Observations at 14 h. on 9th

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
SALUM	00	8	06	4	0	0	—	13.1	26.1	66
MATRUH	00	7	28	2	0	0	—	13.3	27.1	82
DIKHEILA										
ALEXANDRIA	00	9	04	3	0	0	—	11.2	29.0	57
DAMIETTA										
PORT SAID	01	7	02	4	1	3	Ac	9.5	30.9	59
EL ARISH	00	7	02	3	0	0	—	9.3	28.0	69
DAMANHUR										
MANSURA										
TANTA	02	7	28	2	1	4	Cu	9.9	33.3	44
ZAGAZIG	01	9	30	3	0	1	Cu	10.0	32.6	51
CAIRO ALMAZA	00	8	28	1	0	0	—	9.8	31.8	53
CAIRO EZBEKIYA	00	7	30	3	0	0	—	8.7	33.2	37
CAIRO GIZA	00	7	30	3	0	0	—	8.7	32.5	36
HELWAN	00		29	5	0	0	—	7.9	33.0	25
SUEZ	00	9	32	3	0	0	—	8.4	32.9	30
FAIYUM	00	8	02	3	0	0	—	8.3	33.8	33
MINYA	00	8	30	4	0	0	—	7.8	33.9	31
ASYUT	00	8	30	3	0	0	—	6.6	34.8	24
QENA	02	8	26	2	1	5	Cs	5.6	38.4	31
LUXOR	01	8	22	1	0	3	Ci	—	39.[illegible]	26
	02	7	00	0	1	4	Ci	3.2	39.8	30
	00	8	00	0	0	0	—	13.0	33.[illegible]	66
	00	9	32	3	0	0	—	9.8	32.3	54
	00	8	04	2	0	0	—	6.7	36.8	29
	00	7	30	4	0	0	—	7.0	35.5	18
	01	6	28	6	0	1	Ci	4.8	30.2	70
	01	9	02	3	1	3	Ci	5.4	31.6	57
	01	7	02	2	0	1	Ci	6.3	29.5	64

Observations at 8 h. on Sunday 10th

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	Diff. from normal mbs	Dry bulb °C TTT	Max. yesterday °C	Diff. from norm.	Min. today °C	Diff. from norm.	Humidity UU	Rain past 24 hrs mms	Rain total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM	00	7	12	4	0	0	—	13.5	-0.3	23.0	26		20		84	0	182		130
MATRUH	00	7	28	2	0	0	—	13.3	0.0	25.8	28	0	23	+3	84	0	122	160	131
DIKHEILA	01	8	02	3	1	4	Sc	13.1	—	25.2	28		24		83	0	94		150
ALEXANDRIA	02	9	04	2	2	4	Ac	12.6	-0.8	26.4	30	0	23	+1	64	0	166	185	132
DAMIETTA	00	8	02	1	0	0	—	11.6	—	26.0	29		22		71	0	70	107	159
PORT SAID	00	8	02	2	0	0	—	11.4	+0.1	26.7	32	+2	23	0	63	0	64	81	134
EL ARISH	01	7	02	2	1	4	Cu	9.4	—	27.3	30		20		72	0	130	93	135
DAMANHUR	01	7	32	2	1	2	Cu	12.3	—	26.8	32	0	21	+2	63	0	29	103	136
MANSURA	00	8	04	1	0	0	—	12.3	—	25.1	33	-1	21	+1	74	0	46	55	137
TANTA	00	7	00	0	0	0	—	12.3	-0.6	24.5	33	-1	17	-2	83	0	41	43	138
ZAGAZIG	00	8	02	2	0	0	—	12.8	—	26.8	33	0	18	0	77	0	31	29	139
CAIRO ALMAZA	01	7	02	3	1	4	Sc	12.6	—	24.0	33		20		76	0	18		141
CAIRO EZBEKIYA	01	5	02	2	1	4	Cu	11.9	-0.4	24.6	34	+1	20	0	78	0	23	28	—
CAIRO GIZA	05	5	32	1	1	5	Ac	10.6	-2.0	22.3	33	+1	18	0	88	0	23	28	
HELWAN	05	6	02	5	0	2	Cu	11.5	-1.0	24.0	33	0	20	0	67	0	26	29	143
SUEZ	00	8	32	2	0	0	—	11.4	-0.1	24.8	34	0	20	-2	73	0	27	18	144
FAIYUM	01	8	32	2	0	3	Cu	11.4	-1.3	24.0	35	+1	20	0	76	0	7	8	153
MINYA	02	6	32	3	2	5	Cu	10.8	-0.8	22.5	34	+1	20	0	83	0	4		154
ASYUT	00	7	26	4	0	0	—	10.3	-1.0	25.0	37	+3	21	-1	54	0	2	4	155
QENA	00	8	22	4	0	0	—	8.4	-1.0	27.1	40	+2	23	+1	60	0	dr		156
LUXOR	00	8	22	1	0	0	—	—	—	30.2	40		21		53	0	dr		157
	00	7	28	2	0	0	—	7.2	-2.3	29.5	42	+2	26	+2	43	0	1	—	158
	00	8	00	0	0	0	—	14.2	+1.4	24.5	37	+1	18	-1	87	0	7	8	[illegible]
	00	9	02	1	0	0	—	12.7		23.3	35		—		90	0	1		149
	00	8	32	2	0	0	—	9.1	-1.7	29.4	37	0	24	+3	36	0	dr	tr	151
	00	8	02	1	0	0	—	11.5	-0.3	27.3	37	0	22	+1	39	0	dr		152
	00	6	28	4	0	0	—	8.0	-0.6	27.5	34	+2	22	-1	77	0	20	13	145
	00	9	30	3	0	0	—	8.7	-0.5	27.9	33	-1	23	-1	60	0	1	—	146
	00	7	32	3	0	0	—	7.6	-1.2	30.0	33	0	26	0	46	0	tr	6	147
	00	—	28	2	0	0	—	6.6	-1.2	35.5	38	0	28	0	29	0	81	122	160
WADI HALFA?	01	8	02	4	0	1	Ac, Ci	7.7	-2.7	28.7	39	0	24	+2	24	—	—		165
KAREIMA?	01	8	04	1	0	3	Cs	8.4	-0.6	31.6	40	-2	26	0	14	0	13	32	166
ATBARA?	00	→	20	3	0	0	—	8.0	-0.3	32.0	40	-1	27	+1	47	0	52	78	167
KHARTUM	01	8	16	2	0	4	Ac Ci	9.3	+0.1	28.7	36	-3	25	0	64	0	75	139	168
KASSALA?	01	8	16	2	0	3	Ac	8.5	-2.7	26.9	34	-1	23	0	69	0	335	292	170
WAD MEDANI?	02	—	18	1	0	4	—	8.7	-1.7	25.4	32	-4	22	0	89	0	471	352	171
GEDAREF?	02	—	—	3	1	4	—	9.1	-1.4	25.4	36	0	21	-1	85	0	419	268	173
RENK?																		—	182
ROSEIRES	00	—	12	1	0	0	—	9.0	-2.6	26.4	32	-1	22	+2	72	0	658	675	172
EL OBEID	01	8	02	1	0	2	Ac	8.4	-3.2	25.5	31	-3	22	+1	84	dr	320	297	174
EL FASHER	03	8	04	3	1	7	Sc	—	—	23.5	35	0	21	+1	76	0	357	304	175
GENEINA	02	8	00	0	1	5	Ac Ci	—	—	21.8	36	—	18	—	74	dr	395	—	17[illegible]
KADUGLI																	—	—	137
MALAKAL	01	8	28	3	1	3	[illegible]	8.7	-3.4	25.4	33	+1	22	+1	86	0	885	777	176
WAU	00	—	20	1	1	0	—	8.7	-2.5	25.0	30	-3	20	0	79	0	1010	1010	177
JUBA																		817	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.

10th

SALUM 7 h.	MATRUH 7 h.	DIKHEILA 8 h.	CAIRO	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 6 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA	P. SUDAN 7 h.
02 12 15	02 02 15	02 02 15		05 04 30	02 33 25	02 36 10	03 02 25	06 02 25	06 21 20	06 17 20	07 20 25	06 04 15		02 03 15
05 09 25	05 02 25	05 03 15		10 06 10	05 01 35	05 01 30	06 04 40	10 01 15	10 19 45	10 18 20	10 18 25	10 10 10		05 04 15
10 04 25	10 03 30	08 03 25		20 04 20	10 34 20	10 25 10	10 02 20	15 00 0	15 15 15	15 05 15	15 09 30	15 10 15		10 09 15
15 05 30	12 02 35	09 02 30		30 03 10	15 07 05	15 36 05	15 20 10	20 17 15	20 11 25	20 05 30	20 07 40	20 13 25		14 08 15
20 03 30				40 22 05	20 15 10	20 20 05	20 18 20	25 16 25	25 08 25	30 06 30		30 11 30		
25 02 45				50 28 10	30 16 10			30 15 35	30 09 50	40 10 25		37 11 25		
28 02 25				60 24 30	40 16 10			40 12 25	40 11 30	50 12 20				
				70 28 25				50 13 35	50 11 45	57 18 20				
				80 22 35				60 14 15						
				95 24 40				65 13 25						

Forecast for 24 hours from noon ...

Mean of day

Station	Humidity % 9th	Diff. from normal	Wet bulb temp. °C 9th	Diff. from normal
Alexandria	70	+2	22.3	+1.0
Ezbekiya	61	-3	21.8	-0.3
Giza	67	+1	21.5	-0.4
Helwan	52	-2	20.2	+0.9

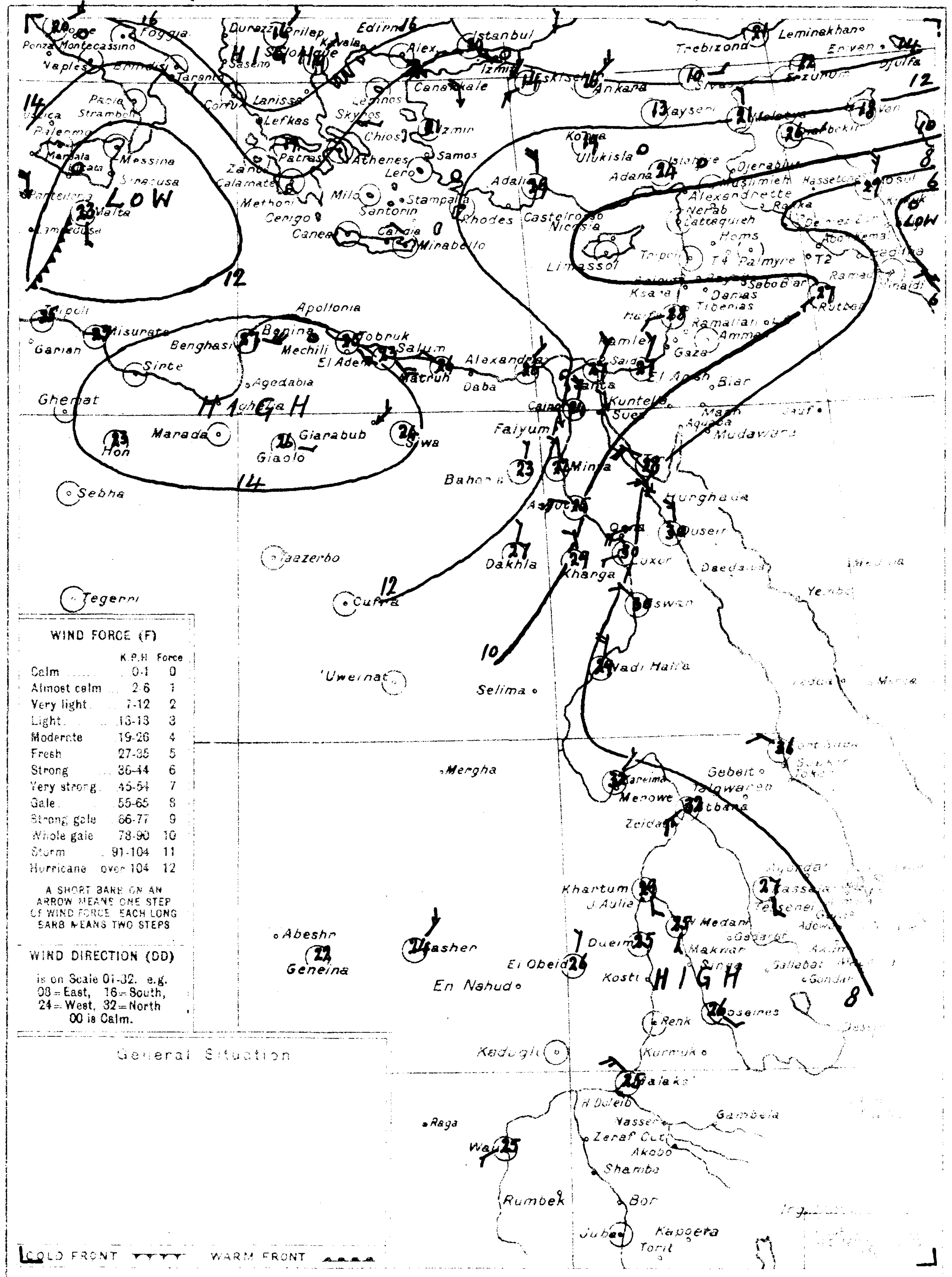
Giza Grass minimum 10th 11.6 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
10-9	7362	11163
9-9	7466	11069

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	9-9	13.55	-0.28	13.53	-0.30
Nasser	6-9	10.01	-0.15	10.00	-0.14
Malakal	9-9	12.08	+0.04	12.05	+0.02
Roseires	10-9	17.60	-1.19	17.86	-1.01
Sennar Res	9-9	17.21	—	17.20	—
J. Aulia U.S	7-9	376.23	—	376.21	—
J. Aulia D.S	9-9	375.05	-0.34	375.12	-0.28
Khartum	9-9	15.30	-0.36	15.33	-0.34
Kh. el Girba	9-9	13.50	-0.30	13.70	-0.16
Atbara	9-9	14.61	-0.40	14.54	-0.48
Kajnarti	9-9	140.95	-0.73	141.07	-0.63
Aswan Res	10-9	97.00	—	97.00	—
Aswan D.S	10-9	91.64	-0.47	91.69	-0.45
Roda (Cairo)	10-9	18.56	-0.11	18.60	-0.07

Isobars, Wind and Temperature at 8 h. 10-9-1939.



SCALE 1:15,000,000

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	Bar. press. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	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 Haifa	00	—	22	2	—	0	—	10.8	+1.4	27.7	30	-1	23	+2	61	0	559	466 648
SHIPS																		

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 haze	06

Printed by the Survey & Mines Dept. 1935 ... 5541

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100, ABROAD P.T. 15

CAIRO

Time of Sunrise 05 37
" " Sunset 18 06

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر — ١٩٣٩-٩-١١

At 14 h. on 10th — الساعة ١٤ يوم ١٠ | At 8 h. on MONDAY 11th — الساعة ٨ يوم الاثنين 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 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	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	8	04	4	0	0	—	14.2	25.7	70	00	7	00	0	0	0	—	15.0	+1.1	24.8	27	—	20	—	76	0	182	—	130
MATRUH	02	6	02	2	1	5	Cu	13.3	26.8	88	00	7	28	3	0	0	—	14.3	+0.9	25.7	28	0	24	+4	91	0	122	160	131
DIKHEILA	00	8	32	3	0	0	—	13.0	26.8	83	01	8	30	3	1	1	Cu	14.2	—	25.8	27	—	24	—	84	0	94	—	150
ALEXANDRIA	00	9	32	2	0	0	—	12.0	28.6	—	00	9	30	2	0	0	—	13.4	-0.1	25.2	30	0	24	+2	75	0	166	185	132
DAMIETTA											00	8	28	2	0	0	—	12.6	—	26.3	29	—	—	—	76	0	70	107	159
PORT SAID	00	7	02	3	0	0	—	10.8	31.0	62	00	6	28	1	0	0	—	12.3	+1.0	26.8	33	+3	24	+1	68	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	7.9	29.0	71	01	7	20	1	1	2	Cu	12.0	—	26.9	29	—	—	—	77	0	130	93	135
DAMANHUR											42	8	32	2	4	0	—	13.6	+1.2	25.8	32	0	18	-1	80	0	29	103	136
MANSURA											00	8	08	1	0	0	—	13.3	—	24.9	33	-1	18	-2	83	0	46	55	137
TANTA	00	7	32	2	0	0	—	10.4	32.5	41	00	7	00	0	0	0	—	13.6	+0.6	23.5	33	-1	16	-3	91	0	41	43	138
ZAGAZIG	00	9	02	2	0	0	—	11.4	32.8	55	00	7	02	1	0	0	—	13.6	—	25.4	33	0	16	-2	87	0	31	29	139
CAIRO ALMAZA	00	8	30	3	0	0	—	10.6	31.7	51	00	7	02	2	0	0	—	13.4	—	23.6	32	—	19	—	80	0	18	—	141
CAIRO EZBEKIYA	00	7	30	4	0	0	—	10.0	32.7	40	00	4	30	1	0	0	—	13.0	+0.6	24.4	34	+1	20	0	79	0	23	28	—
CAIRO GIZA	00	7	30	4	0	0	—	10.0	31.8	41	08	4	30	2	4	0	—	13.1	+0.4	21.5	32	0	16	-2	88	0	23	28	—
HELWAN	00	7	32	4	0	0	—	8.8	32.9	23	05	6	02	2	0	0	—	12.6	0.0	23.7	34	+1	20	0	77	0	26	29	143
SUEZ	00	9	30	2	0	0	—	8.0	32.9	41	01	7	32	2	1	3	Cu	12.6	+1.0	24.9	34	0	21	-1	86	0	27	18	144
FAIYUM	00	8	32	4	0	0	—	9.4	32.8	37	00	7	32	4	0	0	—	12.6	-0.2	23	34	0	21	+1	81	0	7	8	153
MINYA	00	8	30	3	1	0	—	9.1	32.7	37	00	7	32	3	0	0	—	11.4	-0.3	24.0	33	0	21	+1	75	0	4	—	154
ASYUT	00	8	22	3	0	0	—	7.9	34.0	31	00	7	26	3	0	0	—	11.0	-0.4	24.5	35	+1	19	-3	60	0	2	4	155
QENA	00	8	22	2	0	0	—	6.8	36.8	37	00	8	22	3	0	0	—	9.1	-0.4	27.1	40	+2	23	+1	62	0	dr	—	156
LUXOR	00	8	26	1	0	0	—	—	40.0	29	00	8	00	0	0	0	—	—	—	28.8	42	—	22	—	52	0	dr	—	157
ASWAN	00	7	30	1	0	0	—	4.6	40.6	31	00	7	28	3	0	0	—	8.4	-1.2	30.0	43	+3	26	+2	38	0	1	—	158
SIWA	00	8	00	0	0	0	—	12.8	34.0	48	00	8	00	0	0	0	0	15.8	+2.9	24.5	37	+1	17	-2	83	0	7	8	148
BAHARIYA	00	9	32	3	0	0	—	10.4	32.9	51	00	9	32	3	0	0	—	14.2	—	21.9	35	—	—	—	85	0	1	—	149
KHARGA	00	8	04	3	0	0	—	7.2	36.5	25																		tr	151
DAKHLA	00	7	30	4	0	0	—	9.5	35.2	19	00	8	30	1	0	0	—	12.6	+0.6	25.8	36	-1	20	-1	37	0	dr	—	152
TOR	00	6	28	4	0	0	—	6.2	30.2	76	00	6	28	3	0	0	—	9.3	+0.5	28.0	32	0	20	-3	70	0	20	13	145
HURGHADA	00	9	04	3	0	0	—	7.0	31.3	59	00	9	30	4	0	0	—	9.4	+0.1	28.0	32	-2	23	0	63	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	7.4	31.0	53	00	7	32	3	0	0	—	8.6	-0.3	29.9	33	0	26	0	54	0	tr	6	147
PORT SUDAN											06	—	28	2	0	9	—	8.3	+0.5	35.7	40	+2	27	-1	35	0	81	122	169
WADI HALFA											01	9	02	3	0	1	Ac,Cs	8.8	-1.6	28.7	41	+2	25	+3	19	—	—	—	165
KAREIMA											02	8	02	2	1	5	Cs	7.3	-1.7	34.2	43	+1	28	+2	18	0	13	32	166
ATBARA											00	—	08	2	0	0	—	6.8	-1.5	34.7	41	0	28	+2	29	0	52	78	167
KHARTUM											01	8	24	2	1	3	Ac,Cs	6.7	-2.5	33.0	40	+1	25	0	44	0	75	140	168
KASSALA											00	8	14	1	0	0	—	7.3	-3.9	29.2	37	+2	25	+2	58	0	335	294	170
WAD MEDANI											00	—	26	2	0	0	—	7.2	-3.1	30.5	36	0	24	+2	59	0	471	354	171
DUEIM											02	—	—	—	0	4	—	8.0	-2.5	28.8	34	-2	22	0	66	0	419	269	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	7.9	-3.7	27.8	36	+3	24	+4	77	0	658	680	172
EL OBEID											02	8	16	1	1	5	Ac,Cu	8.0	-3.6	27.3	34	0	23	+2	69	0	320	300	174
EL FASHER											02	9	04	3	6	4	Cb	—	—	25.5	34	-1	23	+3	76	1	358	305	175
GENEINA											02	8	24	3	1	5	Ac,Cu	—	—	22.0	36	—	20	—	82	0	395	—	179
KADUGLI																												—	187
MALAKAL											03	8	04	3	1	8	Ac	9.8	-2.2	26.0	32	0	24	+3	86	0	885	784	176
WAU											02	—	20	2	1	4	—	9.6	-1.5	25.5	33	0	22	+2	76	0	1010	1015	177
JUBA											11	9	30	1	2	7	Sc,Ac	10.5	-1.8	25.4	34	+1	22	+2	84	0	968	820	178

UPPER WINDS ON 11th

Upper Winds are in the Code HHDDVV where HH is Height 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 h. m.	HELWAN 8 h. 30 m.	ASYŪT 7 h.	ASWAN 7 h.	WĀDI HALFA 3 h.	KAREIMA 3 h.	KHARTŪM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKĀL 7 h.	JŪBA h. m.	Salum 10th 13 h.
02 00 00	02 34 20	02 30 20		05 02 15	02 32 15	02 36 10	03 01 20	06 02 35	06 27 35	06 19 20	07 25 15	06 29 10		02 04 25
05 06 25	05 04 40	05 35 15		10 03 35	05 03 30	05 01 30	06 35 35	10 01 30	10 29 35	10 15 05	10 23 05	10 26 15		05 15 05
10 05 20	10 03 35	10 30 25		20 04 25	10 02 25	10 23 05	10 34 15	15 01 20	15 34 25	15 12 05	15 07 20	15 22 05		10 03 30
15 04 20	12 03 40	15 02 40		30 02 20	15 03 25	15 24 15	15 31 15	20 34 25	20 03 30	20 07 25	20 06 05	20 13 05		15 04 25
20 36 20		20 02 50		40 01 25	20 32 05	20 25 20	20 24 15	30 30 10	25 04 50	30 06 40		28 09 10		20 04 25
25 36 30		25 02 50		50 25 15	30 23 15	25 24 25	30 20 20	34 25 10	30 03 40	40 07 35				25 04 30
30 36 35				60 28 25			40 21 20		40 05 60	50 12 35				26 04 30
35 36 45				70 23 20			45 16 25		50 05 40					
40 02 20				80 28 30										
				90 24 35										
				100 24 35										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى 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	66	-2	21.8	+0.5
Ezbekiya	60	-4	21.6	-0.5
Giza	61	-6	20.9	-0.9
Helwān	46	-8	19.1	-0.1

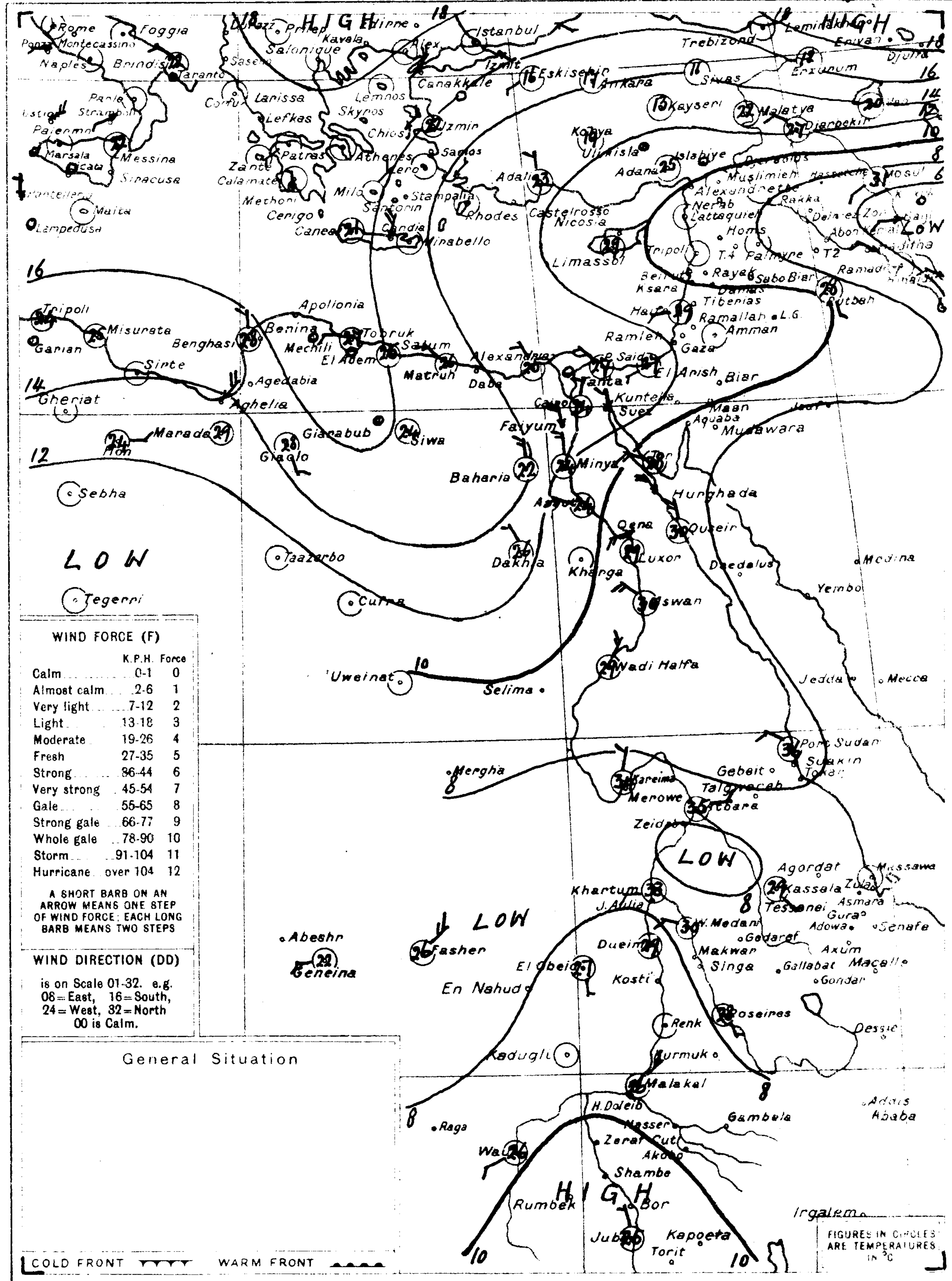
Gîza Grass minimum on 11th 9.9 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
11-9	7337	11190
10-9	7362	11163

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	11-9	13.49	-0.33	13.50	-0.33
Nasser	8-9	10.03	-0.16	10.02	-0.16
Malakal	11-9	12.10	+0.04	12.10	+0.05
Roseires	11-9	17.52	-1.16	17.60	-1.19
Sennār Res.	10-9	17.19	—	17.21	—
J. Aulia U.S	10-9	376.14	—	376.23	—
J. Aulia D.S	10-9	375.03	-0.35	375.05	-0.34
Khartūm	10-9	15.17	-0.48	15.30	-0.36
Kh. el Girba	10-9	13.40	-0.33	13.50	-0.30
'Atbara	11-9	14.43	-0.56	14.54	-0.46
Kajnarti	10-9	141.02	-0.64	140.95	-0.73
Aswān Res.	11-9	97.00	—	97.00	—
Aswān D.S.	11-9	91.62	-0.50	91.64	-0.49
Rōda (Cairo)	11-9	18.49	-0.18	18.56	-0.11

Isobars, Wind and Temperature at 8 h. 11-9-1939.



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

PRESENT WEATHER (ww)

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant [illegible]
[illegible]
[illegible]
[illegible]
Thunder [illegible]
Distant [illegible]
Squall [illegible]
Slight Duststorm 13
[illegible] 20-29
Slight Thunderstorm [illegible]
Heavy Thunderstorm [illegible]
Duststorm [illegible]
Fog or Thick Haze 40-49
[illegible] last hour [illegible]
[illegible] 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 6[illegible]
Rain and Snow [illegible]-69
Snow [illegible]-79
Showers [illegible]
" of Snow [illegible]
" of Sleet [illegible]
" of Hail 88, 89
Thunderstorm 90-99
" [illegible] Rain 91
" with Hail 94-96
" with Duststorm 98
" Heavy with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

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 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. 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
Limassol	00	7	00	0	0	0	—	10.3	-0.9	29	—	—	—	—	—	0	610	466
Haifa	00	—	22	2	0	0	—	11.4	+1.9	29.0	30	-1	23	+2	63	0	559	648
SHIPS سفن																		

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 05 38
" " Sunset 18 04

Month SEPTEMBER 1939 ١٩٣٩ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	14h 11th Present Weather ww	Visibility V	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	8h Tuesday 12th Present Weather ww	Visibility V	Wind Dir. DD	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
SALUM	00	8	02	4	0	0	—	15.6	27.4	64	00	7	30	4	0	0	—	15.8	+1.8	23.0	31	—	20	—	87	0	182	—	130
MATRUH	00	7	28	2	0	0	—	13.9	27.3	89	00	7	24	3	0	0	—	14.6	+1.1	25.4	28	0	21	+1	87	0	122	160	131
DIKHEILA	00	8	30	3	0	0	—	13.6	27.0	89	00	8	30	4	0	0	—	14.0	—	26.7	28	—	24	—	88	0	94	—	150
ALEXANDRIA	00	9	32	3	0	0	—	13.3	28.6	66	00	9	28	4	0	0	—	13.8	+0.2	26.7	30	0	25	+3	68	0	166	185	132
DAMIETTA											00	8	32	2	0	0	—	11.9	—	27.7	30	—	24	—	78	0	70	107	159
PORT SAID	00	7	28	4	0	0	—	11.5	31.7	53	00	7	20	3	0	0	—	11.9	+0.4	25.6	33	+3	24	+1	87	0	64	81	134
EL 'ARISH	00	7	30	3	1	0	—	11.5	28.9	77	00	7	24	2	0	0	—	11.4	—	26.6	30	—	22	—	80	0	130	93	135
DAMANHUR											00	8	24	2	0	0	—	13.4	+0.8	28.0	33	+1	20	+1	71	0	29	103	136
MANSURA											00	8	20	2	0	0	—	13.1	—	25.4	35	+1	19	-1	83	0	46	55	137
TANTA	00	7	32	3	0	0	—	12.2	34.0	36	00	7	00	0	0	0	—	13.6	+0.5	25.0	35	+1	18	-1	87	0	41	43	138
ZAGAZIG	00	9	30	2	0	0	—	12.3	32.9	54	00	3	22	1	4	0	—	13.9	—	23.8	33	0	18	0	98	0	31	29	139
CAIRO ALMAZA	00	8	30	2	0	0	—	11.9	32.1	33	01	7	30	1	1	2	St	13.8	—	24.9	33	—	21	—	73	0	18	—	141
CAIRO EZBEKIYA	00	7	02	2	0	0	—	11.2	38.0	37	01	5	30	1	0	1	Cu	13.5	+1.0	24.9	34	+1	22	+2	80	0	23	28	—
CAIRO GIZA	00	7	02	2	0	0	—	11.4	32.4	42	01	6	32	2	1	4	Cu	13.6	+0.7	23.0	33	+1	19	+1	90	0	23	28	—
HELWAN	00	7	32	4	0	0	—	10.6	33.7	23	09	5	30	1	0	0	—	13.5	+0.7	23.6	34	+1	20	0	78	0	26	29	143
SUEZ	00	9	32	3	0	0	—	10.6	33.0	31	01	7	32	2	0	2	Cu	12.7	+0.9	23.2	34	0	19	-3	87	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	10.4	34.0	24	00	7	32	2	0	0	—	13.5	+0.6	24.1	36	+2	21	+1	83	0	7	8	153
MINYA	00	7	02	4	0	0	—	9.8	34.2	29	00	6	30	4	0	0	—	12.3	+0.5	23.7	34	+1	21	+1	79	0	4	—	154
ASYUT	00	8	26	3	0	0	—	8.2	37.1	24	00	8	22	3	0	0	—	11.5	0.0	25.0	38	+4	19	-3	47	0	2	4	155
QENA	00	8	22	2	0	0	—	7.8	37.7	30	00	7	26	1	0	0	—	9.1	-0.5	27.1	40	+2	22	0	59	0	dr.	—	156
LUXOR	00	8	18	1	0	0	—	—	41.0	—	00	8	14	1	0	0	—	—	—	30.3	42	—	21	—	46	0	dr.	—	157
ASWAN	00	7	04	3	0	0	—	5.1	41.5	27	00	7	32	1	0	0	—	7.6	-2.1	29.2	43	+3	25	+1	39	0	1	—	158
SIWA	00	8	00	0	0	0	—	14.2	35.8	—	00	8	00	0	0	0	—	17.2	+4.2	26.0	39	+3	18	-1	69	0	7	8	148
BAHARIYA	00	9	32	4	0	0	—	11.0	33.9	23	00	9	32	1	0	0	—	13.8	—	26.2	36	—	—	—	70	0	1	—	149
KHARGA	00	8	32	2	0	0	—	9.4	36.5	23																		tr	151
DAKHLA	00	8	02	2	0	0	—	10.8	35.2	19	00	8	30	3	0	0	—	13.5	+1.4	26.2	36	-1	22	+1	37	0	dr.	—	152
TOR	00	6	28	5	0	0	—	6.7	31.1	60	00	6	28	4	0	0	—	8.0	-0.9	28.8	32	0	22	-1	67	0	20	13	145
HURGHADA	00	9	04	3	0	0	—	8.0	31.3	65	00	9	30	4	0	0	—	9.1	-0.3	29.8	32	-1	22	-1	46	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	8.2	30.4	65	00	7	32	3	0	0	—	8.7	-0.3	30.4	33	0	26	0	52	0	tr.	6	147
PORT SUDAN											00	—	32	2	0	0	—	7.2	-0.7	36.0	40	+2	28	0	28	0	81	122	169
WADI HALFA											01	8	02	3	0	2	Ac	8.7	-1.7	29.3	42	+3	25	+3	29	—	—	—	165
KAREIMA											05	7	02	3	3	4	Ac	7.3	-1.7	34.2	45	+3	32	+6	18	0	13	32	166
'ATBARA											00	—	16	3	0	0	—	7.6	-0.8	33.7	44	+3	29	+3	37	0	52	79	167
KHARTUM											03	7	18	3	1	7	Ac,Cs	8.4	-0.8	28.7	43	+4	26	+1	58	9	84	141	168
KASSALA											01	8	14	2	0	3	Cu,Ac	9.9	-1.3	27.0	39	+3	24	+1	63	0	335	296	170
WAD MEDANI											01	—	18	4	1	4	—	9.6	-0.7	25.7	38	+2	21	-1	71	1	472	356	171
DUEIM											01	—	—	3	0	4	—	10.3	-0.2	25.0	39	+3	21	-1	74	0	419	271	173
RENK																			—			—		—					182
ROSEIRES											03	—	10	1	2	7	—	11.0	-0.5	23.2	35	+2	21	+1	88	20	678	685	172
EL OBEID											03	8	20	1	1	7	Ac,As	10.4	-1.2	22.9	35	+1	20	-1	83	21	341	303	174
EL FASHER											03	8	02	2	1	7	St	—	—	22.8	34	-1	21	+1	83	3	361	306	175
GENEINA											03	8	24	1	6	7	As	—	—	20.0	31	—	19	—	91	10	405		179
KADUGLI																													187
MALAKAL											03	8	22	3	1	8	Ac,As	11.2	-0.8	22.4	29	-3	22	+1	93	2	887	789	176
WAU											03	—	28	1	6	7	—	11.1	0.0	23.8	33	0	20	0	75	18	1028	1020	177
JUBA											42	7	00	0	4	8	St	13.6	+1.3	21.4	29	-4	19	-1	99	15	983	824	178

UPPER WINDS ON 12th

Upper Winds are in the Code HHDDVV where HH is Height 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 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 5 h.	JUBA	SALUM 11th 13 h.
02.33.20	02.32.15	02.33.35		02.31.15	02.33.25	02.01.05	06.01.45	06.03.45	06.19.40	06.20.25	07.29.15	06.27.25		02.03.25
05.04.15	05.30.35	05.35.40		05.02.20	05.04.50	05.02.25	10.02.40	10.03.60	10.26.30	10.22.35	10.18.10	10.28.10		05.03.05
10.36.20	10.34.30	10.34.30		08.01.40	10.03.50	10.34.15	15.03.25	15.03.60	15.33.25	15.23.20	15.16.10	15.28.05		10.01.15
15.32.25	12.33.45	12.34.40		10.01.40	15.03.45	15.24.10	20.02.25	17.04.55	20.31.15	20.26.15	20.01.10	20.15.10		15.36.20
20.32.35				15.01.45	20.02.45	20.26.20	28.01.55		25.27.20	30.06.30	23.02.10	30.12.10		20.36.10
25.32.45				20.36.50	25.03.50	25.25.30			30.36.15	40.06.35		40.10.25		25.36.15
30.33.45				23.36.45					40.03.40	50.09.45		42.09.25		30.35.25
				25.36.40					50.10.30	57.09.35				35.35.30
				29.35.40										40.35.30

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 °C on 11th	Diff. from normal
Alexandria	77	+10	23.3	+2.1
Ezbekiya	60	-5	21.4	-0.6
Giza	65	-2	21.2	-0.6
Helwan	48	-6	19.6	+0.4

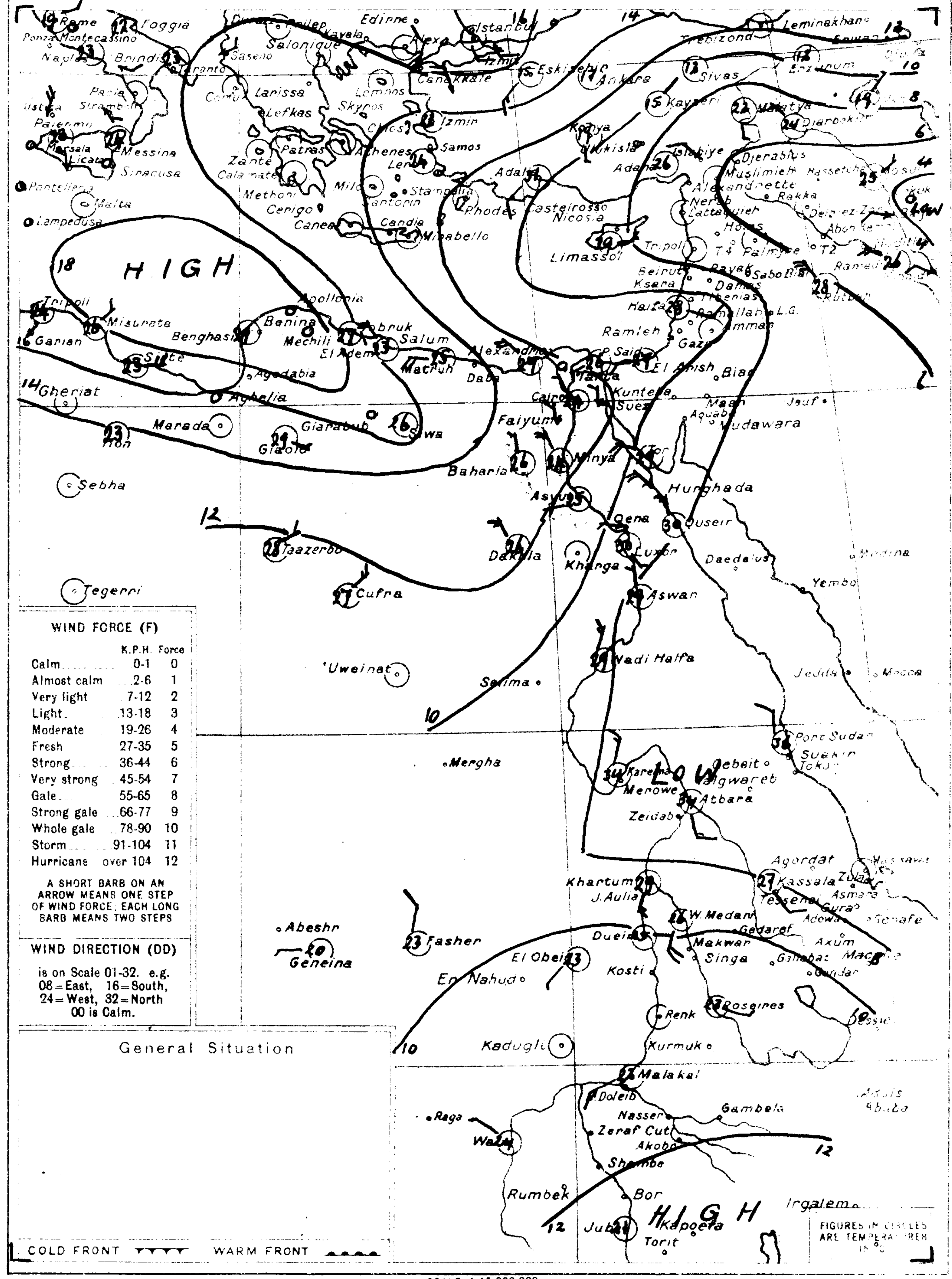
Giza Grass minimum on 12th 12.2 °C

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

DATE	1939	1938
12-9	7337	11353
11-9	7337	11190

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	11-9	13.49	-0.33	13.50	-0.33
Nasser	10-9	10.05	-0.16	10.04	-0.16
Malakal	12-9	12.10	+0.03	12.10	+0.04
Roseires	11-9	17.52	-1.16	17.60	-1.19
Sennar Res.	11-9	17.20	—	17.19	—
J. Aulia U.S	11-9	376.08	—	376.14	—
J. Aulia D.S	11-9	374.95	-0.42	375.03	-0.35
Khartum	11-9	15.05	-0.59	15.17	-0.48
Kh. el Girba	11-9	13.37	-0.30	13.40	-0.33
'Atbara	11-9	14.43	-0.56	14.54	-0.46
Kajnarti	11-9	141.03	-0.61	141.02	-0.64
Aswan Res.	12-9	97.00	—	97.00	—
Aswan D.S.	12-9	91.64	-0.47	91.62	-0.50
Roda (Cairo)	12-9	18.46	-0.21	18.49	-0.18

.١٩٣٩-٩-١٢ Isobars, Wind and Temperature at 8 h. 12-9-1939.



PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Snow
Shower
Thunderstorm

VISIBILITY (V)
200
500
1 Kilometre
4
10
20
50

CLOUD AMOUNT (N)
Clear
Trace
1 Tenth
2, 3 Tenths
4, 5, 6 Tenths
7, 8 Tenths
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 No
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

STATION محطة	8h on 12th Present Weather ww	Visibility V	Wind Dir. DD	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	08	2	0	0	—	8.2	-3.2	29						0	610	466
Haifa	01	—	10	4	—	3	—	10.4	+0.8	28.4	32	+1	23	+2	69	0		648
Kharga 11th	00	8	28	2	0	0	—	11.4	+0.5	26.6	37	0	21	0	39	0	dr	tr.
SHIPS سفن																		

Remark

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.

Time of sunrise 05 38
Time of sunset 18 03

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر

12th ١٢ — At 8 h. on WEDNESDAY 13th الأربعاء ١٣

Station	12th ww	V	Wind Dir.	Force	W	Cloud Amount	Form	(col.)	(col.)	Humidity	13th 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.	Station No.
Salum	00	8	02	5	0	0	—	15.4	28.7	61	00	7	30	4	0	0	—	13.4	-0.7	23.3	30	—	20	—	90	0	182	—	130
Matruh	00	7	24	4	0	0	—	14.3	27.8	89	01	7	24	3	0	1	Cu	12.2	-1.5	27.2	28	0	21	+1	77	0	122	160	131
Dikheila	00	8	30	4	0	0	—	14.3	26.8	89	01	8	26	4	1	4	Sc	12.6	—	25.7	27	—	25	—	90	0	94	—	150
Alexandria	00	9	28	5	0	0	—	13.3	28.0	65	01	9	28	3	2	4	Ac	11.5	-2.2	26.0	30	0	24	+2	75	0	166	185	132
Damietta											01	8	24	2	1	2	Ac	10.8	—	26.0	30	—	20	—	79	0	70	107	159
Port Said	00	7	28	5	0	0	—	11.4	32.0	58	00	7	26	4	0	0	—	10.6	-1.0	25.7	33	+3	24	+1	79	0	64	81	134
El Arish	12	6	28	3	0	0	—	11.1	30.0	85	00	7	20	2	0	0	—	10.2	—	26.8	31	—	22	—	78	0	130	93	135
Damanhur											01	8	24	3	1	3	Cu	11.8	-0.9	27.2	33	+1	21	+3	75	0	29	103	136
Mansura											00	8	28	1	0	0	—	11.2	—	25.4	34	0	20	0	83	0	46	55	137
Tanta	00	7	00	0	0	0	—	12.2	34.0	40	00	7	28	2	0	0	—	11.6	-1.6	25.0	34	0	19	0	87	0	41	43	138
Zagazig	00	9	30	2	0	0	—	12.4	34.4	52	01	7	28	2	0	3	Cu	11.9	—	26.9	34	+1	19	+1	86	0	31	29	139
Almaza	00	8	30	3	0	0	—	12.3	33.2	40	03	6	26	1	2	7	Sc	12.8	—	24.4	34	—	22	—	80	0	18	—	141
Ezbekiya	00	7	32	2	0	0	—	11.6	34.7	43	02	5	30	2	2	5	Sc	12.0	-0.6	24.8	35	+2	22	+2	80	0	23	28	—
Giza	00	7	32	2	0	0	—	11.5	33.4	42	02	7	30	1	2	5	Cu	11.9	-1.0	24.4	34	+2	19	+1	88	0	23	28	—
Helwan	00	7	30	5	0	0	—	10.7	33.6	32	09	5	30	1	2	4	Cu	11.6	-1.3	23.9	34	+2	21	+1	84	0	26	29	143
Suez	00	9	30	3	0	0	—	10.4	34.3	30	01	7	28	2	1	4	Cu	11.5	-0.4	25.8	37	+3	21	-1	73	0	27	18	144
Faiyum	00	8	32	4	0	0	—	10.7	34.6	29	02	7	32	3	0	5	Cu	12.3	-0.7	24.5	36	+2	20	0	82	0	7	8	153
Minya	00	6	02	5	0	0	—	10.7	35.2	33	00	7	02	2	1	0	—	11.6	-0.3	24.1	35	+3	21	+1	80	0	4	—	154
Asyut	00	7	32	5	0	0	—	8.6	35.0	28	00	7	20	3	0	0	—	11.1	-0.5	25.0	37	+4	21	-1	70	0	2	4	155
Qena	00	8	22	2	0	0	—	7.0	38.2	32	00	7	28	1	0	0	—	8.2	-1.5	28.8	40	+2	23	+1	47	0	dr	—	156
Luxor	00	8	10	1	0	0	—	—	41.5	—	00	8	32	1	0	0	—	—	—	30.5	42	—	24	—	46	0	dr	—	157
Aswan	00	7	32	3	0	0	—	4.4	40.5	32	00	7	32	4	0	0	—	7.8	-2.0	29.6	42	+2	27	+3	32	0	1	—	158
Siwa	00	8	00	0	0	0	—	14.4	39.0	50	00	8	00	0	0	0	—	13.6	+0.5	26.0	41	+5	18	-1	69	0	7	8	148
Bahariya	00	9	32	4	0	0	—	12.6	36.0	36	00	9	00	0	0	0	—	—	—	24.7	36	—	—	—	74	0	1	—	149
Kharga	00	8	04	4	0	0	—	8.2	38.7	25	00	8	28	3	0	0	—	11.0	-0.2	27.7	39	+2	25	+4	40	0	dr	tr	151
Dakhla	14	5	30	8	0	0	—	10.7	38.0	12	00	8	30	3	0	0	—	12.8	+0.6	27.5	38	+1	24	+3	35	0	dr	—	152
Tor	00	6	28	6	0	0	—	5.6	32.1	60	00	6	28	5	0	0	—	7.1	-2.0	28.1	35	+3	26	+4	73	0	20	13	145
Hurghada	00	9	30	3	0	0	—	7.2	33.4	48	00	9	28	4	0	0	—	8.0	-1.5	28.9	34	+1	23	0	56	0	1	—	146
Quseir	00	7	32	3	0	0	—	7.5	32.0	49	00	7	32	3	0	0	—	7.8	-1.3	30.9	34	+1	27	+1	42	0	tr	6	147
Port Sudan											00	—	28	2	0	0	—	7.2	-0.8	35.0	40	+2	27	-1	42	0	81	122	169
Wadi Halfa											02	8	32	4	0	5	Cs	9.3	-1.2	29.3	43	+4	26	+4	40	—	—	—	165
Kareima											01	8	32	1	1	4	Ac,Cs	7.3	-1.8	33.8	45	+3	28	+2	27	0	13	32	166
Atbara											00	—	16	3	0	0	—	7.8	-0.6	32.7	42	+1	29	+3	42	0	52	79	167
Khartum											01	8	18	3	1	4	Ac,Cu	7.8	-1.3	29.9	40	+1	27	+2	59	0	84	141	168
Kassala											01	8	14	3	1	3	Ci	8.7	-2.4	27.6	37	+1	25	+2	63	0	335	298	170
Wad Medani											02	—	16	5	0	4	—	9.9	-0.4	25.5	36	0	22	0	76	0	472	358	171
Dueim											02	—	—	—	0	4	—	9.5	-0.9	26.4	36	0	23	+1	82	0	419	273	173
Renk																		—		—		—		—				—	182
Roseires											02	—	14	1	2	4	—	11.0	-0.5	24.5	33	0	21	+1	83	dr	678	690	172
El Obeid											02	8	20	3	1	5	Ac,Ci	8.1	-3.5	25.6	33	-1	25	+4	76	0	341	306	174
El Fasher											01	8	04	2	1	4	Ac,Cs	—	—	24.3	33	-2	20	0	68	0	361	306	175
Geneina											01	8	24	1	1	4	Ac,As	—	—	21.2	29	—	19	—	91	dr	405	—	179
Kadugli																												—	187
Malakal											03	8	12	3	1	7	Ac,Cs	10.0	-2.0	25.3	28	-4	23	+2	88	0	887	794	176
Wau											02	—	20	2	1	4	—	9.7	-1.4	25.5	31	-2	21	+1	84	0	1028	1026	177
Juba											03	9	30	1	1	8	Cs	11.7	-0.6	23.6	30	-3	20	0	83	0	983	828	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 13th — ١٣

Salum 7 h. m.	Matruh 7 h. m.	Dikheila 7 h. m.	P. Said 7 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 7 h. m.	El Obeid 7 h. m.	Malakal 7 h. m.	Juba 7 h. m.	Salum 13 h. m.
02.32.25	02.29.20	03.31.20	05.31.25	02.32.15	02.35.25	02.36.25	03.02.25	06.08.05	06.19.30	06.19.25	07.24.30	06.16.10	06.28.25	02.02.35
05.32.15	05.35.45	ent. Sc.	10.33.35	05.35.15	05.36.60	05.36.30	07.04.50	10.08.10	10.21.40	10.21.30	10.24.35	10.21.15	10.01.25	05.32.25
10.31.25	10.33.20		15.31.30	08.36.25	10.36.60	10.02.30	10.03.35	15.34.05	15.13.15	15.23.10	15.23.20	15.19.10	15.06.15	10.30.10
13.28.35			19.30.35	10.34.25	15.36.60	15.32.20	15.34.25	20.01.10	20.06.35	20.04.15	20.18.05	20.01.10	20.11.15	15.32.35
				13.35.45		20.27.20	20.30.20	25.01.10	30.07.55	30.05.45	26.16.05	30.07.30	30.14.20	20.32.55
				ent. Cu.			25.29.20	30.03.20		40.07.35		40.05.25	40.16.10	25.32.55
							30.28.25	40.07.25		50.07.35		50.02.25	50.15.10	30.32.65
							40.23.20	50.06.25		57.08.35		56.02.25	60.15.30	
							50.26.20	60.08.15					67.14.40	
							60.10.15	65.07.20						

Forecast for 24 hours from noon on 13th

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٣

Station	Mean of day: Humidity % on 12th	Diff. from normal	Wet bulb temp °C on 12th	Diff. from normal
Alexandria	72	+5	22.9	+1.8
Ezbekiya	60	-5	22.7	+0.7
Giza	70	+3	22.3	+0.6
Helwan	56	+2	20.9	+1.8

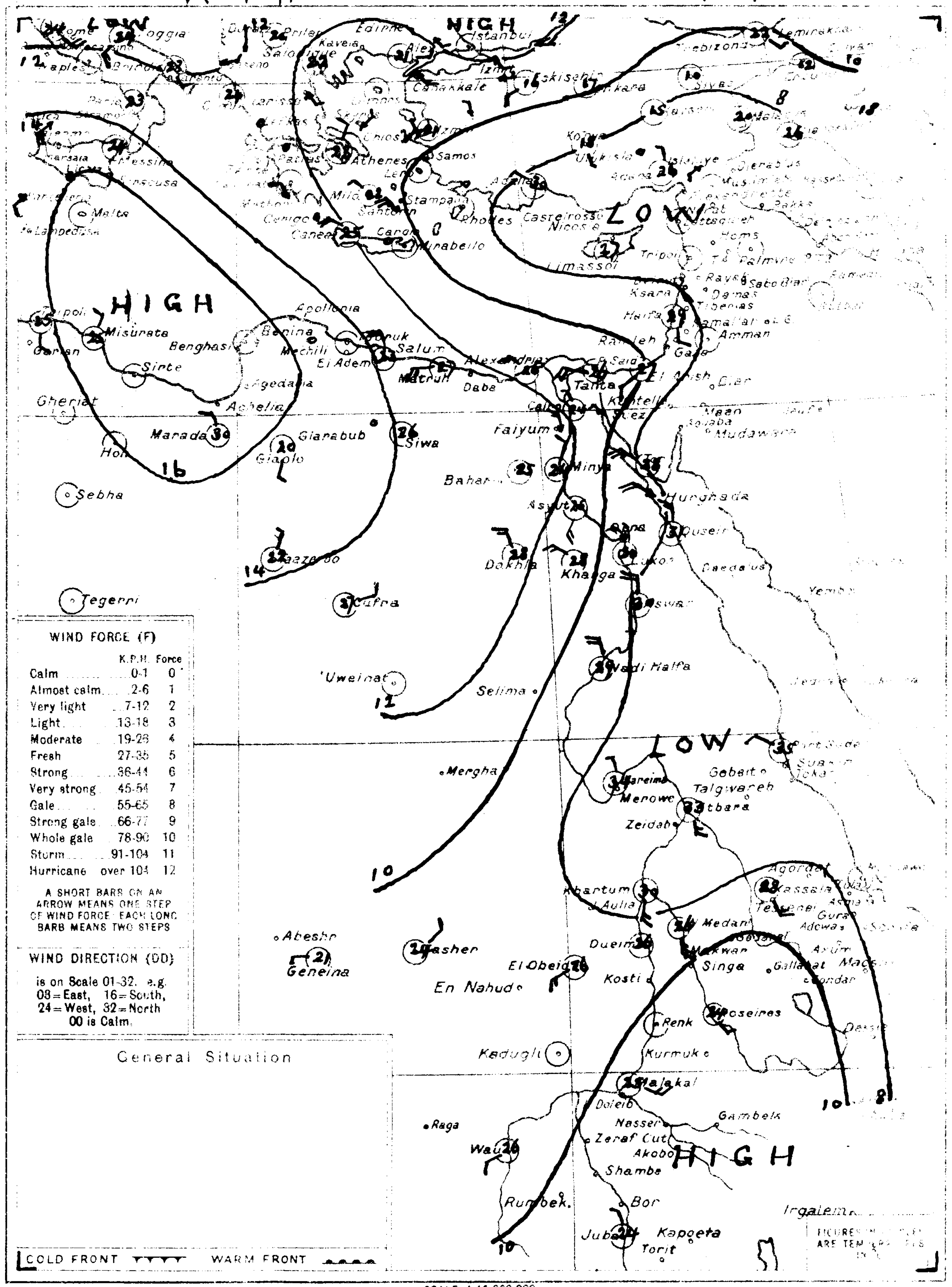
Giza Grass minimum on 13th 12.6 °C

Discharges at Aswan measured by sluices m.³ per sec

Date	1939	1938
13-9	7311	11234
12-9	7337	11353

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	12-9	13.53	-6.29	13.49	-0.33
Nasser	12-9	10.13	-0.11	10.08	-0.14
Malakal	13-9	12.10	+0.03	12.10	+0.03
Roseires	13-9	17.60	-0.97	17.75	-0.85
Sennar Res.	12-9	17.21	—	17.20	—
J. Aulia U.S.	12-9	376.08	—	376.08	—
J. Aulia D.S.	12-9	374.78	-0.58	374.95	-0.42
Khartum	12-9	15.00	-0.63	15.05	-0.59
Kh. el Girba	12-9	13.34	-0.28	13.37	-0.30
Atbara	13-9	14.28	-0.65	14.37	-0.59
Kajnarti	12-9	140.93	-0.67	141.03	-0.61
Aswan Res.	13-9	97.00	—	97.00	—
Aswan D.S.	13-9	91.62	-0.47	91.64	-0.47
Roda (Cairo)	13-9	18.43	-0.24	18.46	-0.21

Isobars, Wind and Temperature at 8 h. 13-9-39 — ٣٩-٩-١٣



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	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.
At 8 h. on 13th — الساعة ٨ يوم ١٣																		
Limassol	00	7	00	0	—	0	—	6.6	-4.8	27	—	—	—	—	—	0	610	466
Haifa	02	—	16	2	—	4	—	9.4	-0.4	29.4	31	0	25	+4	54	0	559	648
Kharga 12th	00	8	32	3	0	0	0	9.8	-1.3	29.3	38	+1	24	+3	38	0	dr	tr
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

CLOUD AMOUNT (N)

Clear	0
4, 5, 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 39
Time of Sunset 18 02

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1939 سبتمبر

At 18 h. on 13th ١٣ — At 8 h. on THURSDAY 14th الخميس ١٤

Station	13th Present weather	Visibility	Wind Dir	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar.	Temp.	Humidity	14th Present weather	Visibility	Wind Dir	Wind Force	Past weather	Cloud Amount	Cloud Form	M.S.L. 1000+ mbs	Diff. from normal	Dry bulb	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity	Rain	Rain since 1st	Normal	No.
SALUM	00	8	02	6	0	0	—	12.3	30.4	54	01	7	30	5	0	2	Sc	11.6	-2.6	22.5	32		19		84	0	182		130
MATRUH	01	5	28	5	1	3	Cu	12.0	27.4	55	01	7	28	5	1	3	Cu	10.0	-3.8	25.8	31	+3	24	+4	86	0	122	160	131
	02	8	28	4	1	4	Cu	12.2	27.0	90	02	8	26	3	1	4	Cu	10.8	—	25.9	27		24		85	0	94		150
	02	9	28	5	2	4	Ac	11.2	28.0	67	02	9	28	2	2	4	Ac	10.0	-3.8	26.2	29	-1	24	+2	69	0	166	185	132
DAMIETTA											01	8	→	2	1	3	Cu	9.1	—	26.1	29		20		77	0	70	107	139
	00	7	28	6	0	0	—	9.6	30.3	58	00	7	26	3	1	0	—	9.1	-2.7	25.6	31	+1	23	0	80	0	64	81	134
	00	7	28	3	0	0	—	9.5	28.8	77	00	7	24	2	0	0	—	8.8	—	26.4	30		22		80	0	130	93	135
											00	7	22	2	0	0	—	9.9	-2.9	27.4	31	-1	20	+2	72	0	29	103	136
											00	8	24	2	0	0	—	9.4	—	25.4	33	-1	20	0	90	0	46	55	
	00	7	32	3	0	0	—	10.0	32.0	49	00	7	00	0	0	0	—	10.2	-3.1	25.5	32	-2	18	-1	84	0	41	43	138
	01	9	30	1	0	4	Cu	10.0	33.4	62	00	8	22	1	0	0	—	10.4	—	26.9	34	+1	18	0	83	0	31	29	
	01	8	30	4	0	1	Cu	10.6	32.4	44	05	6	28	1	1	3	Sc	11.2	—	24.9	33		22		77	0	18		141
EZBEKIYA	00	8	30	1	0	0	—	9.5	33.1	44	03	5	30	1	2	6	Sc	10.2	-2.5	25.0	35	+2	23	+3	77	0	23	28	
GIZA	00	8	30	1	0	0	—	9.5	32.8	42	03	6	00	0	2	7	Sc	10.3	-2.7	24.0	33	+1	21	+3	85	0	23	28	
HELWAN	01	8	30	5	0	1	Cu	9.8	32.0	34	05	6	30	1	2	4	Cu	10.2	-2.8	23.7	33	+1	20	0	79	0	26	29	
SUEZ	00	9	32	3	0	0	—	9.0	32.1	43	02	7	02	2	1	4	Cu	9.9	-2.1	25.0	34	0	22	0	79	0	27	18	
FAYUM	00	8	30	2	0	0	—	9.3	33.4	40	00	7	32	3	0	0	—	10.4	-2.6	24.4	35	+1	20	0	78	0	7	8	153
MINYA	00	8	02	3	0	0	—	9.9	33.3	42	01	6	30	2	1	3	Cu	10.2	-1.9	24.9	34	+2	20	0	79	0	4		154
ASYUT	00	7	30	5	0	0	—	8.4	34.0	34	00	6	28	4	0	0	—	9.4	-2.4	23.1	35	+2	20	-1	81	0	2	4	155
QENA	00	7	32	4	0	0	—	5.9	38.7	29	00	8	22	3	0	0	—	7.2	-2.6	27.7	40	+2	23	+1	59	0	dr		156
LUXOR	00	8	26	4	0	0	—	—	38.8	21	00	8	22	1	0	0	—	—	—	30.5	40		24		46	0	dr		157
	00	7	32	3	0	0	—	4.6	38.4	09	00	7	32	3	0	0	—	7.5	-2.4	29.0	39	-1	26	+2	30	0	1	—	158
	00	8	30	1	0	0	—	13.5	38.0	49	00	8	00	0	0	0	—	12.8	-0.4	25.4	—	—	18	-1	80	0	7	8	
	00	9	32	6	0	0	—	12.3	34.8	—	00	9	32	1	0	0	—	11.8		23.9	36		—		86	0	1		148
	00	8	04	4	0	0	—	8.4	38.5	24																		tr	
	00	7	02	5	0	0	—	10.3	36.6	15	00	8	28	1	0	0	—	11.4	-0.9	27.2	38	+1	22	+1	42	0	dr		150
	00	6	28	7	0	0	—	4.7	30.5	75	00	6	28	4	0	0	—	5.9	-3.4	27.5	33	+1	26	+4	84	0	20	13	145
	00	9	30	3	0	0	—	6.4	33.4	49	00	9	30	3	0	0	—	7.4	-2.3	28.4	34	+1	25	+2	58	0	1	—	146
	00	7	32	3	0	0	—	7.0	31.5	51																		6	147
											00	—	04	2	0	0	—	7.0	-1.1	34.6	39	+1	27	-1	35	0	81	122	
											01	8	32	4	0	2	Cs	8.3	-2.3	28.6	41	+2	26	+4	46	—	—		165
KAREIMA											05	7	02	3	1	5	Ac,As	7.1	-2.1	31.1	45	+3	28	+2	17	0	13	32	166
ATBARA											00	—	16	3	0	0	—	6.7	-1.7	34.0	42	+1	29	+4	35	0	52	79	167
KHARTOUM											18	4	18	4	3	7	Ac,As	8.2	-0.9	27.8	39	0	28	+3	63	0	84	142	168
											03	8	16	3	1	8	Cs	8.5	-2.6	25.7	38	+2	22	-1	62	0	335	300	170
											03	—	18	5	1	7	—	9.1	-1.1	25.5	36	0	21	-1	61	0	472	360	171
											03	—	—	—	6	7	—	10.4	0.0	23.4	36	0	31	-1	83	9	428	274	
DEAN																												—	
																												695	
EL OBEID											11	8	12	3	1	8	St,As	9.2	-2.4	24.0	35	0	23	+2	76	0	341	308	
EL FASHER											01	8	06	2	1	4	Ci	—	—	24.7	37	—	20	—	62	0	361	307	
GENEINA																												—	
KADUGLI																												—	
MALAKAL											03	8	10	3	1	7	St,Cs	11.6	-0.3	23.5	31	-1	22	+1	89	dr	887	799	176
WAU																												1031	177
JUBA																												831	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.

14th

	MATRUH		CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTOUM	KASSALA	EL OBEID	MALAKAL	JUBA	SALUM 13th
7	7	7		8 30	7	7	4	4	7	7	6	7		18
02.35.25	02.32.25	02.31.15		02.36.30	02.34.15	02.01.30	03.01.45	06.01.40	06.18.45	06.19.35	07.21.30	06.15.10		02.02.35
05.34.30	05.31.25	05.32.15		05.35.25	05.36.25	05.36.30	06.01.65	10.02.55	10.22.55	10.19.20	10.23.30	10.22.10		05.30.25
10.31.25	09.32.40			08.02.20	10.34.50	10.36.70	10.02.55	15.01.25	15.23.40	15.26.25	15.14.05	15.25.10		10.28.30
15.31.55				10.03.15	15.36.55	15.01.55	15.36.35		20.25.40	20.33.10	20.09.25	20.27.15		15.28.55
20.32.65				15.36.25		20.35.40	20.35.30		25.27.25	30.06.35	30.08.35	30.31.25		17.29.60
25.32.80				20.34.35			30.24.40		30.27.05	40.09.45		40.32.25		
				23.33.30			40.24.35		40.07.30	50.10.55		45.32.35		
				25.32.35			50.29.10		50.07.40	57.08.55				
									60.07.50					
									70.07.45					

Forecast for 24 hours from noon

	Max. Day Humidity 13th	Diff.	Min. Temp. 13th	Diff. from normal
Alexandria	71	+4	22.8	+1.7
Ezbekiya	67	+2	22.9	+1.0
Giza	77	+10	22.7	+1.1
Helwan	66	+12	21.4	+2.4

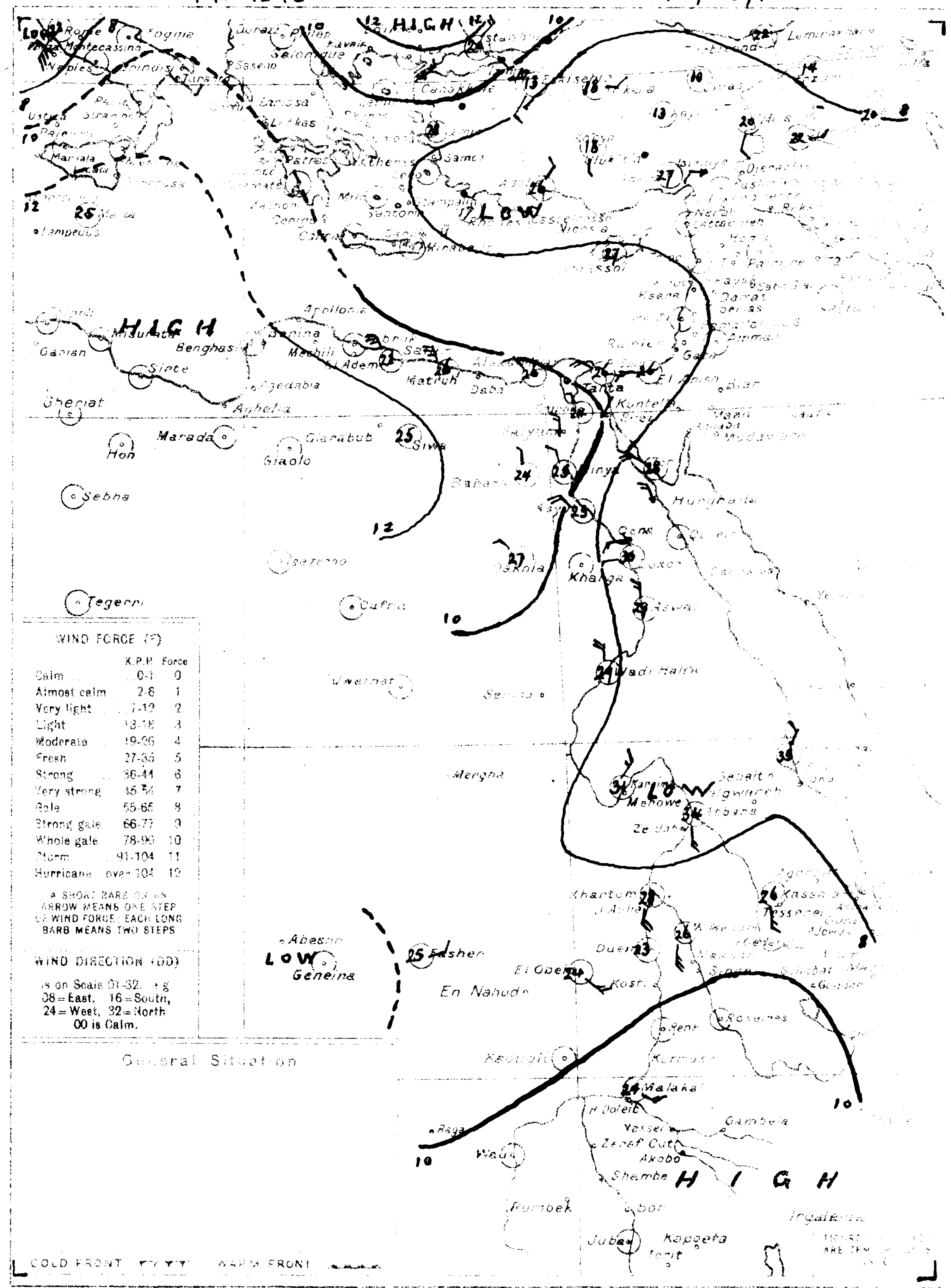
Giza Grass minimum 14th 13.7°

Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
14-9	7224	11228
13-9	7311	11234

	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	13-9	13.56	-0.26	13.53	-0.29
Rosaires	13-9	10.15	-0.11	10.13	-0.11
Malakal	14-9	12.10	+0.02	12.10	+0.03
Roseires	13-9	17.60	-0.97	17.75	-0.85
Sennar Res.	13-9	17.21	—	17.21	—
J. Aulia U.S.	13-9	376.05	—	376.08	—
J. Aulia D.S.	13-9	374.74	-0.62	374.78	-0.58
Khartoum	14-9	14.84	-0.75	14.89	-0.72
Khashm el Girba	13-9	13.31	-0.25	13.34	-0.28
Atbara	13-9	14.28	-0.65	14.37	-0.59
Kajnarti	13-9	140.92	-0.65	140.93	-0.67
Aswan Res.	14-9	97.00	—	97.00	—
Aswan D.S.	14-9	91.57	-0.50	91.62	-0.47
Roda (Cairo)	14-9	18.39	-0.27	18.43	-0.24

Isobars, Wind and Temperature at 8 h. 14-9-39. ١٤-٩-٣٩



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

At 8 h. on 14th ١٤

Station	Present weather	Visibility	Wind Dir	Wind Force	Past weather	Cloud Amount	Cloud Form	M.S.L. 1000+ mbs	Diff. from normal	Dry bulb	Max. yesterday	Diff.	Min.	Diff.	Humidity	Rain	Rain since 1st	Normal
Limassol	09	6	00	0	0	4	—	8.8	-2.8	27	—	—	—	—	—	0	610	466
Haifa																		648

SHIPS

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

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

CAIRO
Time of Sunrise 05 h 37 m
" " Sunset 18 h 0? m

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

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — شهر سبتمبر ١٩٣٩ — ١٩٣٩-٩-١٥

STATION	14 h on 14th: ww	V	DD	F	W	N	C	PPP	TTT	UU	8 h on FRIDAY 15th: ww	V	DD	F	W	N	C	PPP	Diff. from normal	TTT	MM (Max. yesterday)	Diff. from norm	mm (Min. today)	Diff. from norm	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station number
SALÛM	00	8	04	0	0	0	—	11.5	26.4	61	00	8	18	2	0	0	—	12.3	-2.0	26.0	28	—	21	—	46	0	182	—	130
MATRÛH	00	7	28	4	0	0	—	11.0	26.8	54	00	8	16	1	0	0	—	11.9	-2.0	24.8	28	0	19	-1	80	0	122	160	131
DIKHEILA	01	8	28	3	1	3	Sc	11.0	26.7	70	00	8	32	2	0	0	—	13.0	—	25.6	27	—	24	—	83	0	94	—	150
ALEXANDRIA	01	9	28	3	2	5	Ac	10.2	28.0	63	00	9	04	1	1	0	—	12.6	-1.3	26.2	30	0	24	+2	67	0	166	185	132
DAMIETTA											01	8	30	1	1	3	Ac	12.2	—	26.5	28	—	20	—	72	0	70	107	159
PORT SAÎD	00	7	28	5	1	0	—	9.0	30.5	55	01	7	28	3	0	3	Ac	12.2	-0.3	27.0	32	+2	23	0	74	0	84	81	134
EL 'ARÎSH	00	7	30	4	0	0	—	8.7	28.8	78	00	7	00	0	0	0	—	12.3	—	27.7	30	—	19	—	69	0	130	93	135
DAMANHÛR											00	8	04	2	0	0	—	12.7	-0.3	26.3	31	-1	19	+1	75	0	29	103	136
MANSÛRA											00	8	08	1	0	0	—	13.6	—	24.5	32	-1	18	-1	80	0	46	55	137
TANTA	02	7	28	2	1	5	Cu	9.4	31.0	53	00	7	00	0	0	0	—	13.3	-0.1	26.0	32	-2	11	-2	76	0	41	43	138
ZAGÂZIG	02	9	30	1	0	4	Cu	9.3	31.6	62	00	6	30	1	4	0	—	13.4	—	25.4	32	-1	17	-1	84	0	31	29	139
CAIRO ALMÂZA	01	8	28	1	1	4	Cu	9.8	31.7	48	00	6	04	1	0	0	—	13.0	—	22.8	33	—	19	—	80	0	18	—	141
CAIRO EZBEKIYA	02	8	30	1	1	4	Cu	9.3	32.0	44	02	6	02	3	1	4	Cu	12.4	-0.4	24.0	33	0	21	+1	79	0	23	28	—
CAIRO GIZA	01	8	30	1	1	4	Cu	9.1	31.5	43	02	6	02	3	1	4	Cu	12.6	-0.6	23.8	32	0	19	+1	81	0	23	28	—
HELWÂN	05	7	30	4	1	1	Cu	8.8	30.4	35	09	5	32	2	1	4	Cu	12.4	-0.7	23.4	32	0	20	0	77	0	26	29	143
SUEZ	00	9	32	3	0	0	—	8.4	30.8	46	01	8	30	2	0	3	Cu	12.2	+0.1	24.0	32	-2	21	-1	77	0	27	18	144
FAIYÛM	00	8	30	2	0	0	—	9.0	32.0	40	00	7	32	4	0	0	—	12.2	-0.9	24.0	34	0	20	0	77	0	7	8	153
MINYA	00	7	02	3	1	0	—	9.0	31.7	43	00	6	32	3	0	0	—	11.4	-0.8	23.6	32	0	20	0	78	0	4	—	154
ASYÛT	00	7	30	4	1	0	—	7.2	32.2	32	00	7	22	3	0	0	—	10.2	-1.6	24.9	34	+1	20	-1	56	0	2	4	155
QENA	00	8	22	1	0	0	—	5.5	37.8	37	00	8	28	1	0	0	—	6.5	-1.3	27.4	40	+2	23	+1	62	0	tr	—	156
LUXOR	00	8	02	3	0	0	—	—	36.6	30	00	8	14	2	0	0	—	—	—	27.9	38	—	21	—	57	0	tr	—	157
ASWÂN	00	7	32	3	0	0	—	4.2	37.4	13	00	7	30	3	0	0	—	6.8	-3.2	28.0	38	-2	23	-1	37	0	1	—	158
SÎWA	00	8	00	0	0	0	—	12.6	36.3	51	00	8	00	0	0	0	—	13.5	+0.2	26.0	36	+1	16	0	76	0	7	8	148
BAHARÎYA	00	9	32	4	0	0	—	10.2	35.0	34	00	9	00	0	0	0	—	—	—	—	35	—	—	—	—	0	1	—	149
KHARGA	00	8	04	4	0	0	—	8.4	36.2	24	00	8	28	3	0	0	—	9.5	-1.9	27.4	37	0	23	+2	35	0	tr	[illegible]	151
DAKHLA	00	8	30	5	0	0	—	9.1	35.2	21	00	7	28	2	0	0	—	12.2	-0.2	24.8	37	0	22	+1	48	0	tr	—	152
TOR	00	6	28	6	0	0	—	4.8	27.8	83	00	6	28	4	0	0	—	7.7	-1.6	27.0	31	-1	24	+2	85	0	20	13	145
HURGHÂDA	00	9	30	3	0	0	—	5.6	31.4	51	00	9	30	3	0	0	—	8.8	-1.1	21.4	32	-1	23	0	66	0	1	—	146
QUSEIR	01	7	32	3	0	1	Cu	6.3	30.3	57	00	7	32	3	0	0	—	7.9	-1.4	29.0	32	-1	26	0	52	0	tr	6	147
PORT SUDAN											30	—	24	—	3	9	—	8.7	+0.5	33.0	38	0	27	-1	56	0	81	122	169
WÂDI HALFA											02	8	32	2	1	5	Cs	9.5	-1.2	25.8	39	0	22	0	36	—	—	—	165
KAREIMA											01	8	16	2	1	3	Cs	8.7	-0.5	31.0	41	-1	25	-1	17	0	13	32	166
'ATBARA											00	—	20	5	3	0	—	8.0	-0.4	32.3	41	0	28	+3	37	0	52	79	167
KHARTÛM											03	8	20	3	8	7	Ac/As	11.8	+2.7	26.0	36	-3	25	0	69	tr	84	142	168
KASSALA											03	8	18	2	8	7	FN	12.6	+1.5	25.0	36	0	23	0	70	tr	355	302	170
WAD MEDANI											03	—	18	2	5	7	—	12.6	+2.4	23.8	34	-2	22	0	86	4	472	362	171
DUEIM											03	—	—	—	2	7	—	—	—	25.2	32	-4	22	0	84	0	428	276	173
RENK																		—		—		—		—				—	182
ROSEIRES											03	—	18	1	5	7	—	13.4	+2.0	22.2	30	-3	20	0	43	9	713	700	172
EL OBEID											03	8	16	3	1	7	St	10.8	-0.8	23.3	27?	-8	21	0	83	31	372	311	174
EL FASHER											03	8	04	3	1	7	St	—	—	22.7	36	0	21	+1	67	4	361	308	175
GENEINA											03	8	24	1	2	7	St	—	—	21.0	36	—	20	—	82	0	405	—	179
KADUGLI																												—	187
MALAKÂL											54	8	10	3	6	8	As	13.5	+1.6	21.4	29	-3	21	0	95	18	905	804	176
WAU											03	—	32	2	1	7	—	12.1	+1.1	22.2	33	0	21	+1	95	1	1037	1036	177
JÛBA											02	8	00	0	1	5	Ac	12.5	+0.3	23.2	23?	-10	20	0	91	90	1073	835	178

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

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

SALÛM 7 h	MATRÛH	DIKHEILA 8 h	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA 8 h	KAREIMA 5 h	KHARTÛM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKÂL	JÛBA	Salum 14th 13 h
02.23.05		02.35.15					03.02.15	06.01.40	06.15.20	06.21.25	07.20.20			02.02.30
05.25.15		05.01.15					07.04.25	10.03.25	10.19.20	10.22.35	10.20.35			05.32.25
10.30.30		10.02.20					10.01.15	15.02.10	15.21.30	13.22.25	15.17.25			10.29.20
15.32.25		15.03.20					15.15.10	20.05.05	20.21.40					15.32.60
20.32.30		20.36.30					20.22.20	30.13.05	25.17.45					20.33.70
25.32.40		25.36.55					21.22.30	33.16.05	30.22.25					25.32.85
30.31.35		30.36.65							40.03.30					
35.31.20		32.36.50							50.03.15					
40.31.30									60.05.35					
									70.04.40					

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	67	+2	22.4	+1.4
Ezbekîya	66	+1	22.4	+0.5
Giza	70	+3	22.3	+0.7
Helwân	63	+9	20.8	+1.8

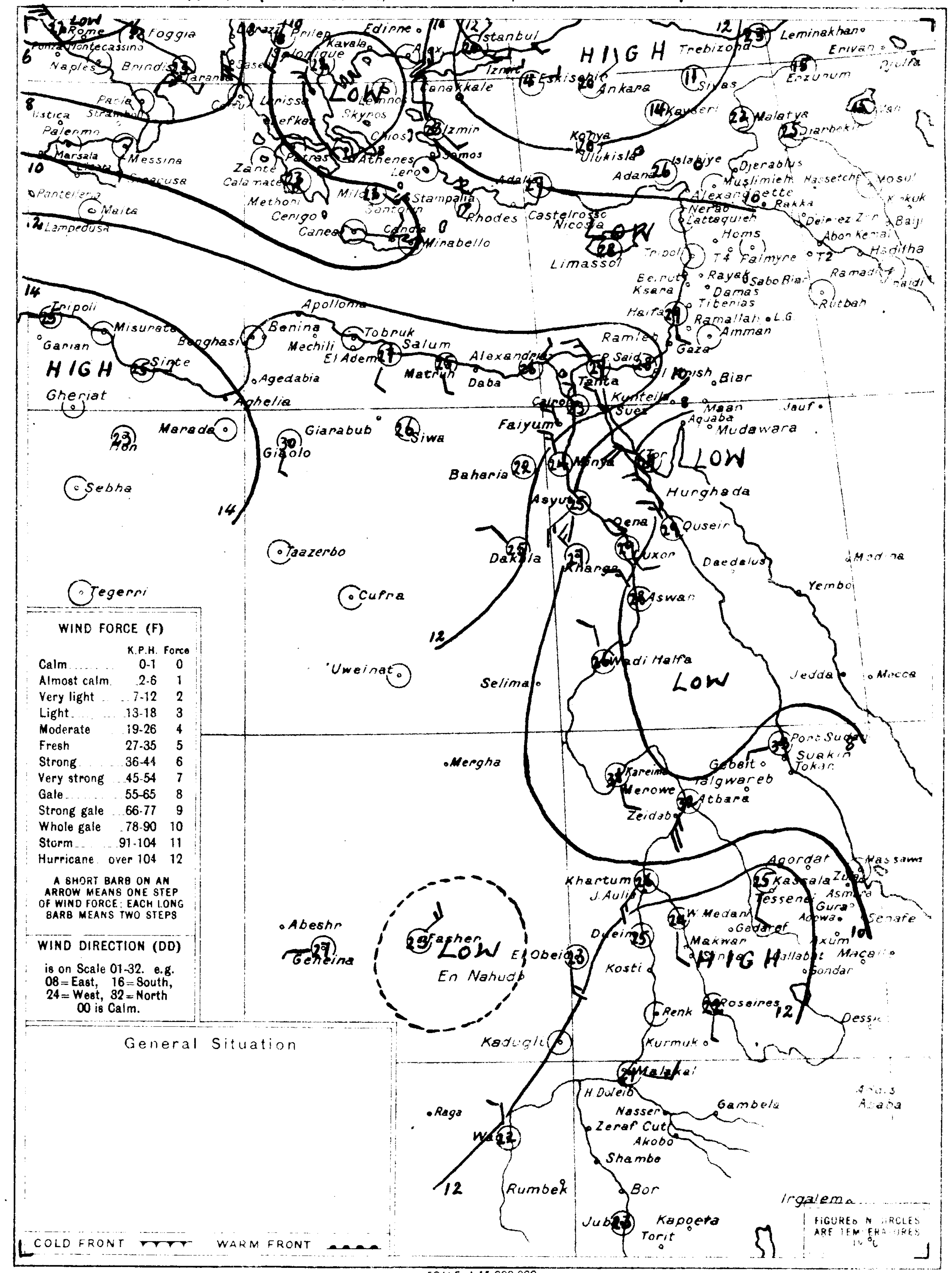
Gîza Grass minimum on 15th 12.3 °C

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

DATE	1939	1938
15-9	7223	11046
14-9	7224	11228

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m
Jûba	15-9	13.48	-0.35	13.55	-0.27
Nâsser	14-9	10.16	-0.10	10.15	-0.11
Malakâl	15-9	12.11	+0.02	12.10	+0.02
Roseires	15-9	17.75	-0.76	18.02	-0.52
Sennâr Res.	15-9	17.20	—	17.23	—
J. Aulia U.S	13-9	376.05	—	376.08	—
J. Aulia D.S	13-9	374.74	-0.62	374.78	-0.58
Khartûm	15-9	14.75	-0.81	14.84	-0.75
Kh. el Girba	15-9	13.27	-0.18	13.30	-0.21
'Atbara	15-9	14.04	-0.84	14.19	-0.71
Kajnarti	14-9	140.99	-0.55	140.92	-0.65
Aswân Res.	15-9	97.00	—	97.00	—
Aswân D.S.	15-9	91.40	-0.45	91.57	-0.50
Rôda (Cairo)	15-9	18.34	-0.31	18.39	-0.27

Isobars, Wind and Temperature at 8 h. 15-9-1939



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

STATION محطة	At 8 h on 15th — الساعة ٨ يوم ١٥: ww	V	DD	F	W	N	C	PPP	Diff. from normal	TTT	MM (Max. yesterday)	Diff. from norm	mm (Min. today)	Diff. from norm	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	00	0	0	0	—	10.2	-1.6	28	—	—	—	—	—	0	610	466
HAIFA	01	—	16	2	—	3	—	11.9	+1.9	28.6	32	+1	23	+2	57	0	559	648
HAIFA 14th	02	—	26	2	—	4	—	9.6	-0.3	29.5	32	+1	25	+4	58	0	559	648
KHARGA 14th	00	8	32	2	0	0	—	9.5	-1.8	28.4	38	+1	23	+2	37	0	dr	tr
QUSEIR 14th	00	7	32	4	0	0	—	7.2	-2.0	29.0	33	0	26	0	57	0	tr	6
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
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-39
Fog or Thick Haze 40-49
Fog in patches
Drizzle 50-59
Rain 60-69
Rain and Fog
Rain and Snow 68, 69
Snow 70-79
Showers
of Snow
of Sleet 85, 86
of Hail 88, 89
Thunderstorm 90-99

PAST WEATHER (W)
Clear, slight cloud 0
Variable sky
Mainly overcast 2
Sandstorm or Duststorm
Fog
Drizzle 5
Rain
Snow
Showers
Thunderstorm

VISIBILITY (V)
Objects not visible at 50 metres 0
200
500
1 Kilometre
2
4
10
20
50
Visibility over 50 km

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

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 40 — Sunset 18 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — سبتمبر ١٩٣٩

SATURDAY 16th السبت ١٦

1417 P.C.

15th — 10 A.M. — 16th — 8 A.M.

STATION	WIND 10 A.M. Dir	WIND 10 A.M. Force	CLOUD 10 A.M. Amount	CLOUD 10 A.M. Form	PAST WEATHER	RAINFALL Past 24 hrs.	RAINFALL Total from Oct. 1	RAINFALL Normal from Oct. 1	BAR. PRESSURE M.S.L. 1000+ mbs	BAR. PRESSURE Diff. from normal m.b.s	TEMPERATURE Dry Bulb	TEMPERATURE Yesterday	TEMPERATURE Diff. from norm.	TEMPERATURE MAXIMUM Today	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY	WIND 8 A.M. Dir	WIND 8 A.M. Force	CLOUD 8 A.M. Amount	CLOUD 8 A.M. Form	BAR. PRESSURE M.S.L. 1000+ mbs	BAR. PRESSURE Diff. from normal m.b.s	TEMPERATURE Dry Bulb	TEMPERATURE Yesterday	TEMPERATURE Diff. from norm.	TEMPERATURE MAXIMUM Today	TEMPERATURE MAXIMUM Diff. from norm.	TEMPERATURE MINIMUM Today	TEMPERATURE MINIMUM Diff. from norm.	HUMIDITY	RAINFALL Past 24 hrs.	RAINFALL Total from Oct. 1	RAINFALL Normal from Oct. 1	
	W W	V	DD	F	W	mms	mms	mms	F F F		F T	M M						U U	DD	F	N	C	F F F		F T	M M						U U	mms	mms	mms	
Limassol	00	7	08	2	0	0	—		13·6	+1·7	28																									
Haifa	00	—	06	2	—	0	—		14·6	+4·5	28·0	31	0	24	+3			71	0	610	466															
SHIPS سفن																																				

Upper Winds are in the Code HHDDVV where HH is Height 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	SIWA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P.SAID A.P.
7	7			8 30	7	7	4	4	7	7	7	7	7	7
h m	h m			h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
02 02 30	02 36 20			02 06 55	02 31 10	02 36 15	03 35 20	06 04 15	06 17 45	06 19 15	07 20 15	06 07 10	06 25 45	02 07 15
05 08 20	05 02 25			05 05 30	05 04 10	05 07 25	06 01 20	10 04 15	10 20 35	10 21 20	10 14 10	10 11 15	10 24 45	05 05 15
10 06 10	07 02 25			08 05 25	10 09 20	10 04 20	10 03 10	15 05 20	15 21 25	15 26 15	15 09 10	15 15 15	15 16 50	10 04 20
15 30 35				10 05 50	15 13 05	15 17 15	15 11 05	20 03 15	20 20 24	20 20 35	20 07 35	20 13 10	20 15 50	15 06 25
20 28 25				15 05 55	20 21 30	20 19 25	30 10 10	25 05 10	30 05 40	30 08 40	30 17 05	30 13 35		
25 30 40				20 04 50		30 17 25		30 04 25	40 09 55		40 13 25	40 12 30		
30 29 45				23 04 80		40 17 20		40 05 40	50 09 65		50 05 10	50 12 30		
						47 17 10		50 08 60	60 11 30		60 07 30	60 11 30		
								60 09 35	70 08 25		63 07 30	64 11 10		
								66 10 75	73 08 30					

Forecast for 24 hours from noon of

STATION	Morning of day 15th: HUMIDITY at 10 A.M. %	Diff. from normal	WET BULB TEMP. at 10 A.M. °C	Diff. from normal
Alexandria	70	+3	22·2	+1·3
Ezbekiya	64	−1	22·2	+0·4
Giza	64	−2	21·9	+0·4
Helwan	57	+3	20·5	+1·6

Previous day: Reading / Diff. from normal

Giza Grass minimum on 16th 13·0°C

Discharges at Aswan measured by stations m³ per sec.

DATE	1939	1938
16−9	7377	10878
15−9	7223	11046

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Sirca	15−9	13.48	−0.35	13.55	−0.27
Nasser	15−7	10.19	−0.04	10.16	−0.10
Malakal	16−7	12.12	+0.02	12.11	+0.02
Roseires	16−9	18.00	−0.48	17.75	−0.76
Sennar Res.	15−9	17.20	—	17.23	—
J. Aulia U.S	15−9	375.92	—	376.03	—
J. Aulia D.S	15−9	374.64	−0.67	374.58	−0.76
Khartum	15−9	14.75	−0.81	14.84	−0.75
Kh. el Girba	15−9	13.27	−0.18	13.30	−0.21
Atbara	16−9	13.96	−0.87	14.04	−0.84
Kajnarti	14−9	140.79	−0.55	140.92	−0.65
Aswan Res.	16−7	77.00	—	77.00	—
Aswan D.S	16−9	91.66	−0.38	91.60	−0.45
Roda (Cairo)	16−9	18.30	−0.36	18.34	−0.32

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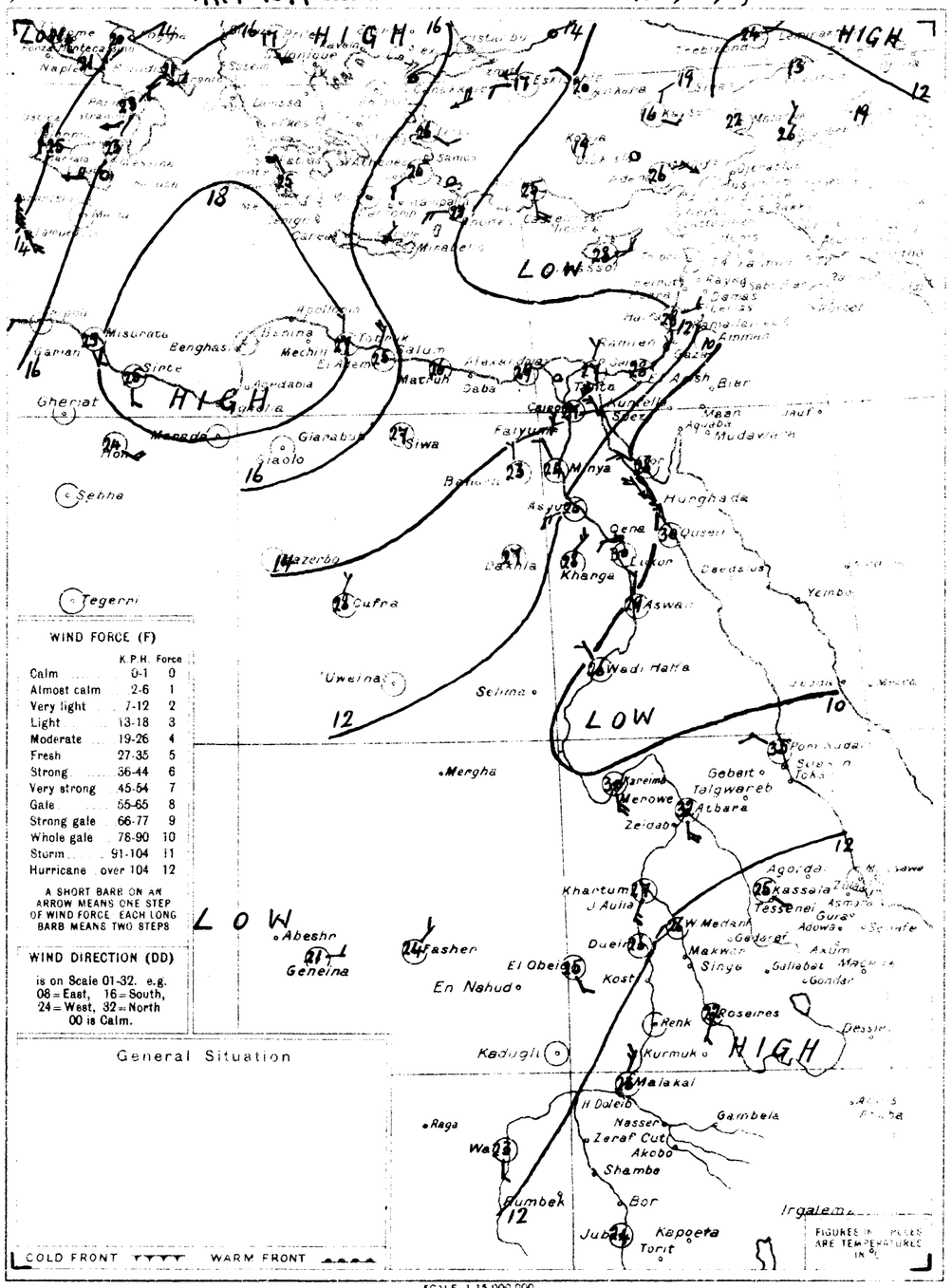
Isobars, Wind and Temperature at 8 h. 16-9-1939.

1939-9-17



WIND FORCE (F)

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

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 ROUNDS ARE TEMPERATURES IN °C

SCALE 1:15 000 000

Kms 200 0 200 400 600 Kms

PRESENT WEATHER (WW)

Objects not visible at	
Sc. centre	
200	
500	
Fog, mist or ice	
0	1
4	2
10	3
20	4
50	5
Visible over 50 kms	6

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Remarks

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

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

CAIRO
Time of Sunrise 05 40
Sunset 17 58

Month SEPTEMBER 1939 شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

SUNDAY 17th — الاحد ١٧

At 18h on 16th: ww	V	DD	F	W	N	C	PPP	Temp.	Humidity	At 8h on 17th: ww	V	DD	F	W	N	C	Bar. M.S.L.	Diff.	Dry bulb	Max. yesterday	Diff.	Min.	Diff.	Humidity	Rainfall		
00	7	04	5	0	0	–	16.8	26.2	82	01	8	32	4	0	3	Cu	17.4	+2.8	23.3	27		20		81	0	182	
01	6	32	2	0	2	Cu	15.9	27.8	87	01	7	28	3	0	2	Cu	15.6	+1.5	25.7	30	+2	20	0	79	0	122	160
00	8	30	2	0	0	–	15.6	27.4	84	01	8	30	3	1	4	Sc	15.4	–	25.8	28		25		85	0	94	
00	9	04	3	0	0	–	15.4	29.0	64	02	9	04	2	2	4	AC	14.7	+0.6	26.0	30	0	24	+2	69	0	166	186
										01	8	28	2	1	4	AC	13.5	–	26.2	30		21		82	0	70	107
00	7	02	3	1	0	–	14.0	31.4	63	02	7	30	3	1	4	Cu	13.3	+1.2	27.0	32	+2	24	+1	72	0	64	81
00	7	30	3	0	0	–	14.3	28.8	87	00	7	20	1	0	0	–	13.1	–	27.4	30	–	19		81	0	130	93
										00	8	32	2	0	0	–	15.0	+1.8	26.2	34	+2	20	+2	73	0	29	103
										00	8	32	2	0	0	–	13.9	–	25.3	35	+2	21	+2	81	0	46	55
00	7	00	0	2	0	–	14.0	34.0	51	01	7	28	2	1	3	Cu	14.6	+0.9	25.0	35	+1	18	-1	85	0	41	43
00	8	30	2	0	0	–	14.2	34.4	57	01	7	30	1	0	3	Cu	14.4	–	26.4	34	+1	18	0	87	0	31	29
00	8	04	4	0	0	–	13.4	33.8	48	05	6	02	1	1	7	St	14.8	–	23.7	34		20		85	0	18	
00	7	02	3	0	0	–	13.3	34.3	39	05	5	02	1	4	5	St	14.4	+1.4	23.8	35	+2	20	0	85	0	23	28
00	7	02	3	0	0	–	13.4	34.0	38	08	4	02	1	4	5	St	14.3	+0.9	23.1	34	+2	19	+2	90	0	23	28
00	7	32	4	0	0	–	12.2	35.2	19	05	6	32	4	1	3	Cu	14.0	+0.7	24.0	37	+5	20	0	77	0	26	29
00	9	32	4	0	0	–	11.9	35.2	29	02	7	32	3	1	4	Cu	13.5	+1.2	24.8	36	+2	21	-1	83	0	27	18
00	8	32	4	0	0	–	12.0	36.8	28	00	8	32	3	0	0	–	14.4	+1.1	24.0	37	+4	21	+2	79	0	7	8
00	7	30	4	0	0	–	10.7	35.5	32	00	6	32	4	0	0	–	12.7	+0.3	24.5	36	+4	22	+2	73	0	4	
00	8	28	2	0	0	–	9.5	37.3	22	00	7	22	3	0	0	–	12.0	-0.2	26.0	41	+8	22	+1	55	0	2	4
00	8	22	2	0	0	–	8.4	37.2	27	00	7	26	2	0	0	–	9.8	-0.3	28.8	41	+3	24	+3	49	0	dr	
00	8	10	2	0	0	–		39.5	36	00	8	08	1	0	0	–	–	–	31.0	41		21		50	0	dr	
00	7	24	1	0	0	–	6.8	40.0	16	00	7	32	2	0	0	–	8.6	-1.6	30.2	42	+2	26	+2	25	0	1	–
00	8	00	0	0	0	–	17.1	39.0	50	00	8	00	0	0	0	–	16.7	+3.2	25.6	40	+5	20	+2	79	0	7	8
00	9	02	4	0	0	–	11.4	37.0	30	00	9	32	1	0	0	–	14.0		22.4	37		–		90	0	1	
00	8	04	2	0	0	–	8.6	37.6	24	00	8	32	2	0	0	–	10.6	-1.0	29.8	39	+2	26	+5	34	0	dr	Tr
00	8	30	2	0	0	–	10.0	36.8	20	00	7	02	3	0	0	–	12.2	-0.4	30.8	38	+1	21	0	30	0	dr	
00	6	28	4	0	0	–	8.2	31.0	65	00	6	28	5	0	0	–	9.5	-0.3	28.0	31	0	26	+4	81	0	20	13
00	9	02	2	0	0	–	9.1	32.5	58	00	9	30	4	0	0	–	9.6	-0.6	30.3	34	+1	26	+3	54	0	1	–
00	7	32	2	0	0	–	8.4	32.0	56	00	7	32	3	0	0	–	7.9	-1.7	30.7	33	0	26	0	43	0	Tr	6
										02	–	32	2	0	4	–	8.8	+0.4	36.0	39	+1	29	+1	39	0	81	122
										01	9	32	2	0	1	AC	9.5	-1.3	28.5	42	+3	24	+2	24	–	–	
										00	7	20	1	0	0	–	9.3	-0.1	30.0	41	-1	27	+1	21	0	13	33
										00	–	20	3	0	0	–	9.3	+0.8	32.0	40	-1	27	+2	38	0	52	80
										03	8	22	3	1	8	AcCs	11.0	+2.0	28.2	38	-2	26	+1	57	0	86	144
										01	8	14	3	0	3	AC	10.1	-0.9	26.2	35	-1	23	0	62	dr	336	306
										01	–	00	0	0	4	–	10.4	+0.2	24.7	34	-3	20	-2	73	28	502	367
										03	–	–	–	2	7	–	10.8	+0.5	25.0	34	-3	22	0	62	0	428	279
										02	–	06	1	2	4	–	12.2	+0.8	22.9	31	-2	21	+1	84	dr	715	710
										03	8	10	2	5	8	AcCi	12.0	+0.4	23.1	33	-2	22	+1	83	dr	372	317
										02	8	24	1	6	5	AcCi	–	–	22.0	33	-3	20	0	83	5	366	310
										02	8	00	0	1	5	AcCi	–	–	20.0	33	–	19	–	91	4	428	–
										01	8	32	3	1	4	CuAC	11.0	-0.8	26.7	31	-1	22	0	74	2	907	814
										03	–	20	1	6	7	–	11.2	+0.2	24.0	32	-1	22	+2	86	1	1041	1047
										01	8	00	0	1	4	AC	11.3	-0.9	24.2	31	-2	21	+1	83	0	1075	842

17th

7	7	7	8 30	7	7	4	7	7	7	7	5	7	P.SAIDA.P. 7
02.34.20	05.33.60	03.35.15	02.36.25	05.01.40	02.36.10	03.01.15	06.03.25	06.24.30	06.18.15	07.10.35	06.35.25	06.28.45	02.33.10
06.36.—	10.34.25	06.35.20	05.02.10	10.01.50	05.04.25	06.04.10	10.03.30	10.24.55	10.19.15	10.13.40	10.33.20	10.24.05	05.33.10
10.35.25	15.32.40	09.35.15	08.03.30	15.01.40	10.03.20	10.06.10	15.03.20	15.27.30	15.03.25	15.13.35	15.35.10	15.09.35	08.04.10
15.32.30			10.03.25	20.01.50	15.22.20	15.04.10	20.01.20	20.03.35	20.05.50	20.12.10	20.03.15	20.07.30	
20.28.40			16.36.20		20.25.15	20.03.10	25.02.10	25.04.30	30.06.40	23.13.10	30.11.20	30.07.30	
23.29.45			20.35.10		25.24.20	25.03.10	30.06.20	30.05.40	40.08.45		40.12.25	40.10.30	
			23.35.20				40.07.20	35.25.55	50.11.40			50.13.35	
			25.33.20				50.11.35		53.10.45			60.19.30	
			30.34.35				60.10.55					70.20.40	
			31.34.20									80.18.25	

	Humidity 16th	Diff. from normal	Temp. 16th	Diff. from normal
	69	+2	23.4	+2.5
	66	+1	22.6	+0.9
Giza	70	+3	22.6	+1.1
Aswan	44	-10	20.5	+1.6

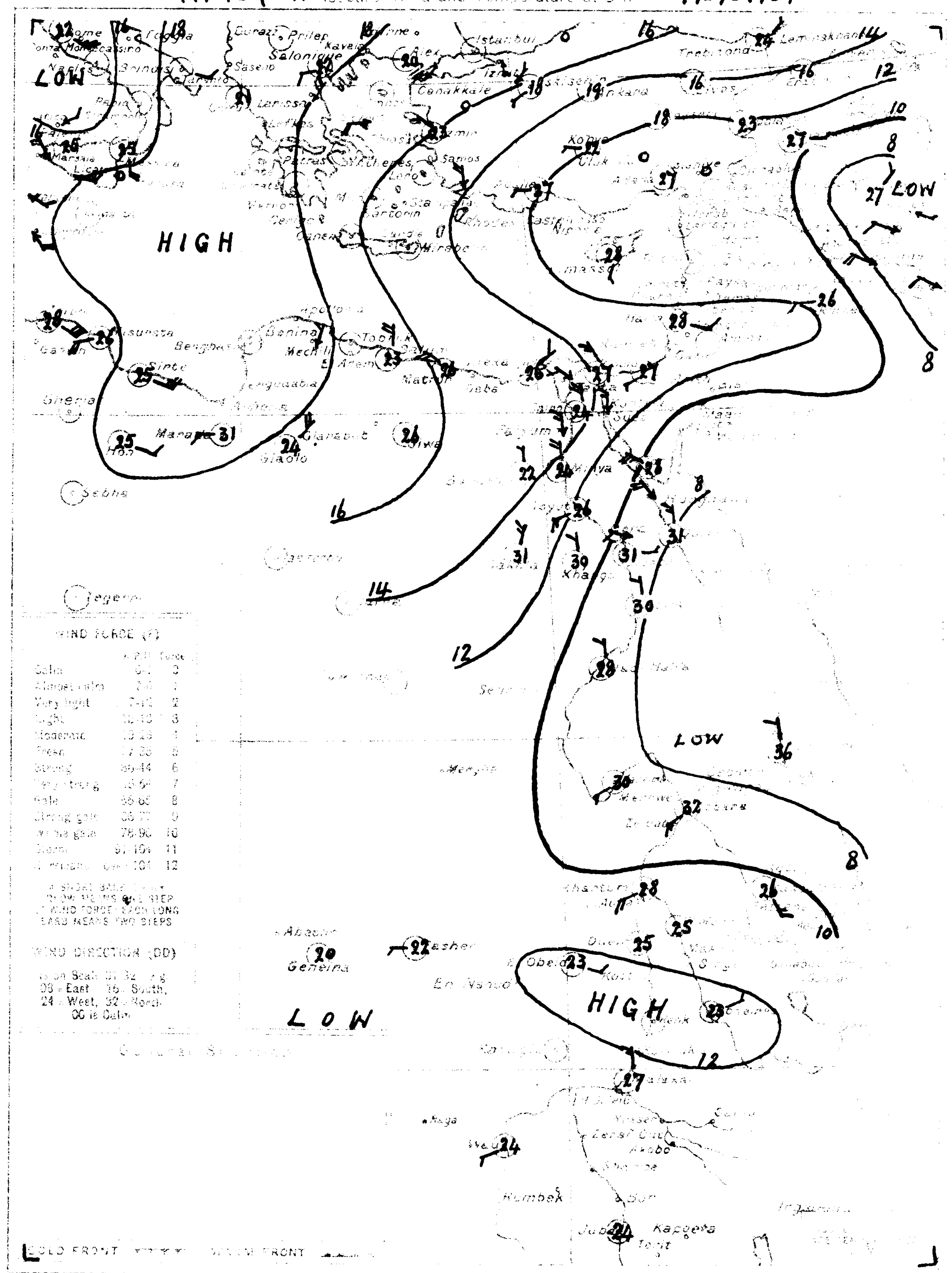
Giza Grass min. 17th 12.6

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
17-9	7325	10844
16-9	7377	10878

	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
	16-9	13.50	-0.33	13.48	-0.35
	16-9	10.20	-0.09	10.19	-0.09
	17-9	12.12	+0.01	12.12	+0.02
Roseires	17-9	17.95	-0.47	18.00	-0.48
Sennar Res	16-9	17.20	—	17.20	—
J. Aulia U.S	16-9	375.86	—	375.92	—
J. Aulia D.S	16-9	374.61	-0.68	374.64	-0.67
Khartoum	16-9	14.77	-0.75	14.75	-0.81
Khashm el Girba	16-9	13.26	-0.14	13.27	-0.18
Atbara	16-9	13.96	-0.87	14.04	-0.84
Kajnarti	16-9	140.85	-0.60	141.01	-0.49
Aswan Res.	17-9	97.00	—	97.00	—
Aswan D.S	17-9	91.63	-0.39	91.66	-0.38
Roda (Cairo)	17-9	18.28	-0.37	18.30	-0.36

١٩٣٩-٩-١٧ Isobars Wind and Temperature at 6 h 17-9-1939.



STATION	At 8h on 17th: 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.	Temp. Dry bulb	Max. Yesterday	Diff.	Min.	Diff.	Humidity	Rainfall		
Limassol	09	6	18	1	0	0	—	11.6	-0.4	28						0	610	467
Haifa	01	–	10	2	–	3	—	13.3	+3.0	28.5	30	0	23	+2	66	0	559	648

SHIPS

Khartoum River Gauge Reading for 26-7-39 published on 27 & 28-7-39 should read 13.13 instead of 13.03 m.

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

Printed by the Survey & Mines Dept.

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

CAIRO
Time of Sunrise 05h 40m
Sunset 17h 57m

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

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — ١٩٣٩ سبتمبر

At 14 h on 17th ١٧ — At 8 h on MONDAY 18th الاثنين ١٨

STATION	14h Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. press M.S.L. 1000+ mbs PPP	Temp. TTT	% Humidity UU	8h Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. press M.S.L. 1000+ mbs PPP	Diff. from normal	Dry bulb °C	Max. yesterday	Diff.	Min. today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station
SALUM	01	8	02	7	1	3	Cu	15.4	26.4	74	00	7	30	4	0	0	—	13.8	-0.9	22.1	27		19		90	0	182	—	130
MATRUH	01	7	28	4	0	3	Cu	15.0	26.8	80	00	7	28	3	0	0	—	12.8	-1.4	26.8	29	+1	19	-1	79	0	122	160	131
DIKHEILA	01	8	30	3	1	4	Sc	14.6	20.3	97	01	8	28	4	1	4	Sc	12.0		25.6	27		25		90	0	94		150
ALEXANDRIA	02	9	28	3	2	3	Ac	15.0	23.3	65	02	9	28	3	2	4	Ac	11.2	-3.0	25.3	29	-1	24	+2	75	0	166	186	132
DAMIETTA											01	7	18	1	1	2	Ac	10.6	—	25.2	28		20		82	0	70	107	159
PORT SAID	01	7	28	5	1	3	Ac	12.0	30.0	58	00	7	20	3	0	0	—	10.7	-1.5	26.0	31	+1	23	0	76	0	64	81	134
EL ARISH	01	7	30	3	1	2	Cu	12.2	28.1	85	00	6	20	2	0	0	—	9.1	—	26.2	29		21		77	0	130	93	135
DAMANHUR											02	8	24	3	2	5	Cu	11.6	-1.7	27.8	31	-1	21	+3	70	0	29	103	136
MANSURA											00	8	28	1	4	0	—	11.0	—	24.5	32	-1	19	0	80	0	46	55	137
TANTA	00	7	32	2	1	0	—	12.6	32.0	52	01	7	00	0	1	3	Cu	11.2	-2.6	25.0	32	-2	18	-1	84	0	41	43	138
ZAGAZIG	00	8	30	3	0	0	—	12.2	32.5	66	01	8	20	2	0	1	Cu	11.6	—	26.5	33	0	18	0	83	0	31	27	139
CAIRO ALMAZA	00	8	28	3	0	0	—	12.2	31.7	59	05	5	28	1	2	4	St	12.6	—	24.9	32		21		78	0	18	—	141
CAIRO EZBEKIYA	00	7	30	1	0	0	—	11.5	32.4	46	02	5	32	1	2	5	Cu	11.5	-1.6	25.0	34	+2	21	+2	78	0	23	28	—
CAIRO GIZA	00	7	30	1	0	0	—	11.4	32.2	44	03	6	00	0	2	6	Ac	11.4	-2.1	23.4	32	+1	18	+1	88	0	23	28	—
HELWAN	05	6	30	4	0	0	—	11.0	32.1	38	09	5	00	0	2	4	Sc	11.4	-2.0	23.1	33	+1	20	0	83	0	26	20	143
SUEZ	00	9	32	3	0	0	—	10.6	33.1	34	01	7	32	1	0	3	Cu	11.4	-1.0	24.1	34	0	21	-1	79	0	27	18	144
FAIYUM	00	5	32	4	0	0	—	11.2	33.0	37	02	7	30	2	0	5	Cu	11.6	-1.8	23.7	34	+1	20	+1	81	0	7	8	153
MINYA	00	7	30	4	0	0	—	10.7	33.7	40	02	6	32	2	1	4	Cu	11.6	-0.9	23.1	34	+2	20	0	83	0	4	—	154
ASYUT	00	8	30	4	0	0	—	7.3	34.8	19	02	6	30	4	1	4	Cu	11.2	-1.1	24.0	38	+5	22	+1	77	0	2	4	155
QENA	00	8	24	2	0	0	—	7.2	38.8	18	00	7	26	2	0	0	—	8.7	-1.5	29.2	40	+2	24	+3	57	0	dr	—	156
LUXOR	00	8	30	4	0	0	—	—	40.8	--	00	8	32	2	0	0	—	—	—	31.2	42	—	23	—	50	0	dr	—	157
ASWAN	00	7	30	2	0	0	—	5.0	42.8	14	00	7	30	2	0	0	—	7.8	-2.5	29.2	44	+4	26	+2	26	0	1	—	158
SIWA	00	8	28	1	0	0	—	16.7	35.0	57	00	8	00	0	0	0	—	15.1	+1.5	22.5	36	+1	18	0	87	0	7	8	148
BAHARIYA	00	9	32	2	0	0	—	12.3	33.2	54	00	9	32	3	0	0	—	12.0	—	22.2	36	—	—	—	98	0	1	—	149
KHARGA	00	8	04	3	0	0	—	5.6	38.5	26	00	8	04	2	0	0	—	10.2	-1.4	27.9	40	+3	24	+4	39	0	dr	tr	151
DAKHLA	00	7	02	4	0	0	—	9.6	38.6	24	00	7	30	1	0	0	—	11.1	-1.6	25.8	40	+3	21	+1	25	0	dr	—	152
TOR	00	6	28	5	0	0	—	7.1	30.2	77	00	6	28	4	0	0	—	7.2	-2.8	27.2	31	0	25	+3	79	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	7.2	32.5	58	00	9	30	5	0	0	—	8.0	-2.3	27.8	34	+1	24	+1	64	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	7.5	33.0	53	00	7	32	3	0	0	—	7.9	-1.8	29.0	33	0	26	0	64	0	tr	6	147
PORT SUDAN											00	—	32	2	0	0	—	7.6	-0.9	34.2	37	-1	26	-2	44	0	81	122	169
WADI HALFA											01	9	32	4	0	2	Ac	8.8	-2.1	29.2	44	+5	26	+4	34	—	—	—	165
KAREIMA											01	7	28	2	8	4	Ac,Ac	7.3	-2.1	34.6	43	+1	28	+3	15	2	15	35	166
ATBARA											00	—	16	2	0	0	—	7.0	-1.6	35.0	42	+1	29	+4	29	0	52	60	167
KHARTUM											03	8	24	3	1	8	Ac,Cu	7.5	-1.5	31.4	39	-1	28	+3	48	0	86	144	168
KASSALA											01	8	14	2	1	4	Cs	9.1	-1.9	28.0	37	+1	25	+2	63	0	336	308	170
WAD MEDANI											02	—	18	4	1	4	—	9.6	-0.5	26.0	34	-3	22	0	79	0	502	367	171
DUEIM											02	—	—	—	0	4	—	9.9	-0.4	28.2	35	-2	22	0	61	0	428	251	173
RENK																												—	182
ROSEIRES											02	—	18	1	1	4	—	11.9	+0.6	24.4	34	+1	22	+2	79	0	715	715	172
EL OBEID											03	8	20	3	2	8	Ac,Cu	10.1	-1.5	25.3	33	-2	23	+2	68	0	372	320	174
EL FASHER											03	8	32	2	1	7	Cu,Sc	—	—	22.8	34	-2	20	0	83	2	368	311	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL											03	8	24	3	4	7	Ac,Ac	12.7	+1.0	22.8	32	0	21	-1	88	19	926	819	176
WAU											03	—	24	1	6	7	—	11.7	+0.7	23.0	32	-1	21	+1	91	4	1045	1052	177
JUBA											03	9	32	2	2	6	St,Cs	12.9	+0.8	22.4	30	-3	21	+1	91	0	1075	846	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 18th

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P.SAID A.P.
7 h	7 h	7 h	h m	8 h 30 m	7 h	7 h	6 h	7 h	7 h	7 h	7 h	7 h	h m	7 h
02.34.25	02.33.10	02.33.25		02.29.10	02.32.35	02.36.15	03.01.30	06.17.10	06.24.20	06.21.25	07.36.25	06.24.40		02.25.10
05.01.30	05.01.15	05.34.25		05.31.05	05.33.25	05.36.40	06.02.50	10.09.05	10.28.45	10.23.25	10.24.25	10.26.35		05.30.05
10.36.25	10.36.25	11.36.25		08.36.20	10.32.50	10.01.15	10.02.50	15.05.20	15.28.45	15.25.10	15.19.20	15.25.25		10.02.05
15.01.25	20.01.25			10.35.20		15.36.15	15.36.25	20.05.15	20.30.45	20.01.10	20.06.15	20.16.10		18.35.10
20.35.30	25.02.20			15.36.40		20.31.10	20.35.15	25.05.10	25.28.40	30.07.25	29.06.30	30.11.20		20.32.05
25.34.30	30.02.25			20.29.15		25.27.30	30.28.20	30.04.20	30.26.25			40.07.30		25.31.05
30.34.25				23.35.15			35.26.20	40.05.25	40.10.15			50.08.30		30.35.15
				25.04.05				50.08.40				54.09.25		40.33.30
				30.34.15										45.32.25
				35.35.10										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp. °C on 17th	Diff. from normal
Alexandria	68	+1	22.2	+1.4
Ezbekiya	70	+5	22.6	+0.9
Giza	76	+7	22.5	+1.1
Helwân	63	+7	21.5	+2.7

Gîza Grass minimum on 18th 11.4 °C

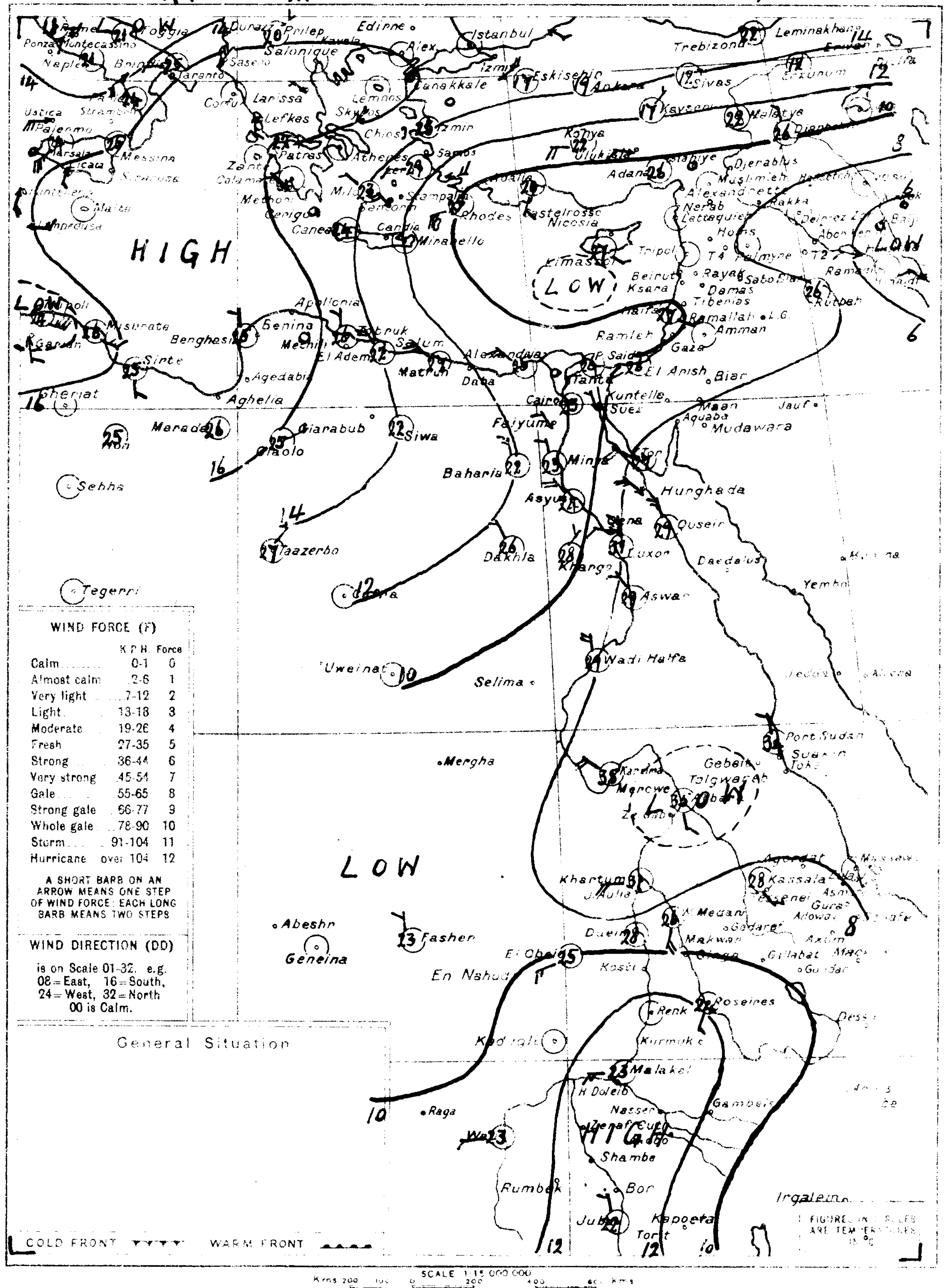
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
18-9	7160	10945
17-9	7325	10844

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Jûba	17-9	13.50	-0.33	13.50	-0.33
Nâsser	17-9	10.22	-0.08	10.20	-0.09
Malakai	18-9	12.14	+0.02	12.12	+0.01
Roseires	18-9	18.00	-0.38	17.95	-0.47
Sennâr Res	17-9	17.22	—	17.20	—
J. Aulia U.S	17-9	375.85	—	375.86	—
J. Aulia D.S	17-9	374.65	-0.61	374.61	-0.68
Khartum	17-9	14.77	-0.73	14.77	-0.75
Kh. el Girba	17-9	13.52	+0.17	13.26	-0.14
Athara	17-9	13.89	-0.90	13.96	-0.87
Kajnarti	17-9	140.73	-0.70	140.85	-0.65
Aswân Res.	18-9	97.00	—	97.00	—
Aswân D.S.	18-9	91.51	-0.49	91.63	-0.80
Rôda (Cairo)	18-9	18.80	-0.35	18.28	-0.37

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

١٩٣٩-٩-١٨ Isobars, Wind and Temperature at 8 h 18-9-1939.



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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
[illegible]	05
Dust [illegible]	06
Thunderstorm	90-9[illegible]
Shower	80

At 8 h on 18th ١٨ صباح يوم

STATION محطة	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry bulb °C TTT	Max. Yesterday °C	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	09	6	12	1	[illegible]	2	—	9.8	-2.5	27	—	—	—	—	—	0	610	467
Haifa	02	—	10	2	—	4	—	10.6	+0.2	27.0	31	+1	22	+1	61	0	559	648

SHIPS سفن

Remarks

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

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 5 h 41 m
" " Sunset 17 h 36 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month **SEPTEMBER** 1939 — شهر سبتمبر ١٩٣٩

At 14 h. on 18th — الساعة ١٤ يوم ١٨ — At 8 h. on TUESDAY 19th — الساعة ٨ يوم الثلاثاء ١٩

STATION	14h 18th: Present Weather ww	Visibility V	Wind Dir. DD	Wind 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 19th: Present Weather ww	Visibility V	Wind Dir. DD	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	00	8	02	4	0	0	—	13.4	26.9	76	01	7	30	4	0	1	Cu	12.8	-2.0	23.9	29	—	21	—	88	0	182	—	130
MATRUH	00	8	30	3	0	0	—	12.0	27.8	77	00	8	28	3	0	0	—	12.8	-1.5	25.8	29	+1	24	+4	86	0	122	160	131
DIKHEILA	02	8	30	4	1	5	Cu	11.1	29.4	90	01	8	30	2	1	3	Sc	12.2	—	26.0	29	—	25	—	86	0	94	—	150
ALEXANDRIA	02	9	28	3	2	5	Ac	9.9	27.7	70	01	9	04	1	2	3	Ac	11.4	-3.0	26.4	29	-1	24	+2	73	0	166	186	132
DAMIETTA											00	7	20	1	0	0	—	10.3	—	25.5	29	—	20	—	82	0	70	107	159
PORT SAID	00	7	30	3	0	0	—	9.1	30.1	55	01	7	02	2	1	2	Cc	10.4	-1.9	27.3	32	+2	22	-1	70	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	8.7	27.8	78	00	7	00	0	0	0	—	10.3	—	27.2	29	—	18	—	69	0	130	93	135
DAMANHUR											01	8	06	2	1	2	Ci	11.8	-1.6	26.8	31	-1	22	+4	74	0	29	103	136
MANSURA											01	7	14	1	1	4	Cu	11.1	—	24.4	33	0	20	+1	85	0	46	55	137
TANTA	01	7	00	0	1	3	Cu	8.8	31.5	51	02	6	00	0	1	5	Cu	11.1	-2.8	24.0	32	-2	20	+1	91	0	41	43	138
ZAGAZIG	01	4	28	2	0	1	Cu	9.0	32.8	63	01	7	28	1	4	2	Cu	11.8	—	25.4	33	0	18	0	87	0	31	29	139
CAIRO ALMAZA	01	8	26	3	0	1	Cu	9.4	31.0	38	05	6	02	2	2	7	St	11.8	—	23.6	32	—	20	—	77	0	18	—	141
EZBEKIYA	01	7	30	1	1	1	Cu	8.7	32.0	44	02	6	02	1	1	4	Cu	11.5	-1.7	24.8	33	+1	21	+2	77	0	23	28	—
GIZA	01	7	30	1	1	1	Cu	9.0	31.5	41	05	5	02	2	2	5	Cu	11.1	-2.5	23.0	32	+1	19	+2	87	0	23	28	—
HELWAN	05	7	28	3	1	0	—	8.7	30.4	35	09	6	32	1	1	4	Cu	11.0	-2.5	22.9	32	0	20	0	77	0	26	29	143
SUEZ	00	4	32	3	0	0	—	8.2	30.7	44	00	7	30	2	0	0	—	10.2	-2.3	24.9	32	-2	21	-1	80	0	27	18	144
FAIYUM	01	8	32	3	0	1	Cu	8.7	31.8	41	02	7	32	4	0	4	Cu	11.2	-2.3	24.3	34	+1	20	+1	74	0	7	8	153
MINYA	00	8	32	3	1	0	—	9.3	31.9	39	02	6	32	2	1	4	Cu	10.6	-2.1	23.8	32	0	21	+1	81	0	4	—	154
ASYUT	00	8	22	3	1	0	—	8.4	32.2	28	00	6	26	4	0	0	—	10.4	-2.0	24.0	33	0	20	-1	75	0	2	4	155
QENA	00	7	22	5	0	0	—	7.1	34.8	34	00	7	22	2	0	0	—	9.1	-1.2	27.1	36	-2	24	+3	55	0	dr	—	156
LUXOR	00	8	24	3	0	0	—	—	36.2	29	00	8	06	1	0	0	—	—	—	29.0	37	—	21	—	58	0	dr	—	157
ASWAN	00	7	32	3	0	0	—	4.6	40.0	17	01	7	32	1	1	3	Cu	9.1	-1.3	28.0	40	0	23	0	39	0	1	—	158
SIWA	00	8	00	0	0	0	—	13.3	33.0	61	00	8	00	0	0	0	—	13.9	+0.2	20.2	35	0	17	-1	91	0	7	8	148
BAHARIYA	00	9	32	3	0	0	—	9.3	30.0	60	03	9	32	2	2	8	Cc	—	—	21.4	34	—	—	—	—	0	1	—	149
KHARGA	00	8	04	2	0	0	—	7.9	37.2	25	00	8	32	2	0	0	—	10.8	-0.9	26.8	37	0	20	0	43		dr	tr	151
DAKHLA	00	8	30	4	0	0	—	10.0	33.5	14	00	7	28	2	0	0	—	12.2	-0.5	24.7	35	-1	20	0	61	0	dr	—	152
TOR	00	6	28	4	0	0	—	5.3	30.5	56	00	6	28	5	0	0	—	8.0	-2.2	27.2	31	0	22	0	71	0	20	13	145
HURGHADA	00	9	30	4	0	0	—	5.6	30.9	53	00	9	30	3	0	0	—	8.7	-1.7	27.5	32	-1	22	-1	64	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	7.2	30.5	62	00	7	32	3	0	0	—	8.2	-1.7	30.1	31	-2	24	-2	47	0	tr	6	147
PORT SUDAN											02	—	28	2	0	4	—	9.0	+0.4	31.7	36	-1	28	0	63	0	81	122	169
WADI HALFA											01	9	02	4	0	1	Ac	8.5	-2.5	28.1	42	+3	25	+3	27	—	—	—	165
KAREIMA											05	5	14	2	3	3	Ac	8.9	-0.6	30.1	43	+1	29	+4	59	0	15	33	166
ATBARA											00	—	16	5	0	0	—	10.2	+1.6	29.5	43	+2	27	+2	44	0	52	80	167
KHARTUM											02	8	16	3	1	5	Ac,Cc	11.3	+2.3	25.5	41	+1	21	-4	76	15	101	145	168
KASSALA											01	8	06	1	1	4	Ac,Ci	9.0	-1.9	26.6	37	+1	18	-5	63	12	348	310	170
WAD MEDANI											00	—	12	2	0	0	—	10.8	+0.7	25.8	34	-3	21	-1	66	0	502	371	171
DUEIM											02	—	—	—	0	4	—	10.7	+0.4	25.2	35	-2	21	-1	77	0	428	283	173
RENK																			—		—		—					—	182
ROSEIRES											02	—	14	1	1	4	—	11.6	+0.3	24.5	31	-3	20	0	75	9	724	720	172
EL OBEID											03	8	12	1	2	6	Ac,Cu	10.3	-1.3	22.8	34	-1	21	0	91	22	394	322	174
EL FASHER											02	8	00	0	1	5	Ac,As	—	—	23.5	35	-1	22	+2	83	0	368	312	175
GENEINA											03	8	20	2	1	7	Ac	—	—	22.9	35	—	21	—	91	1	442	—	179
KADUGLI																											—	—	187
MALAKAL											01	8	10	2	1	3	Ac	10.4	-1.3	25.0	29	-4	21	-1	82	0	926	824	176
WAU											03	—	20	1	6	7	—	10.5	-0.5	23.3	31	-2	21	+1	89	1	1046	1057	177
JUBA											01	9	18	2	1	4	Ac,Cu	12.1	0.0	24.0	30	-3	20	0	83	0	1075	844	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.

19th

SALUM 7 h	MATRUH 7 h	DIKHEILA 8 h	P. SAID A.P. 8 h	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 4 h	KAREIMA 5 h	KHARTUM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA 7 h	Salum 18th 13 h 00 m
023425	023320	023415	023105	023605	023130	020105	030435	062325	061355	061415	071720	061520	062115	020125
050435	053620	043610	050210	050310	053415	050135	060355	102525	101655	101615	101920	101710	102420	053625
100230	100205	060320	100325	080430	103615	100415	100140	152515	151860	151115	151220	151515	151515	103625
150350	150315	100215	150335	100530	150110	152210	153325	172515	201935	200825	201115	201515	201120	153525
200360	200315	150315	200525	150430	200505	202115	203115		251730	300630	300735	301820	301130	203635
250340	250510	200515	220615	200415		252110	302415		301725	400535	360635	401710	401325	253645
260350	300415	250620		231405			402035			500830		501410	501225	
	310415	300710		251510			502035			571140		601110	601015	
		350415		300710			522030					630110	670510	
		400325		350320										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % 18th	Diff. from normal	Wet Bulb Temp °C 18th	Diff. from normal
Alexandria	77	+10	23.0	+2.2
Ezbekiya	72	+7	22.5	+0.9
Giza	75	+8	22.0	+0.6
Helwan	66	+12	20.8	+2.0

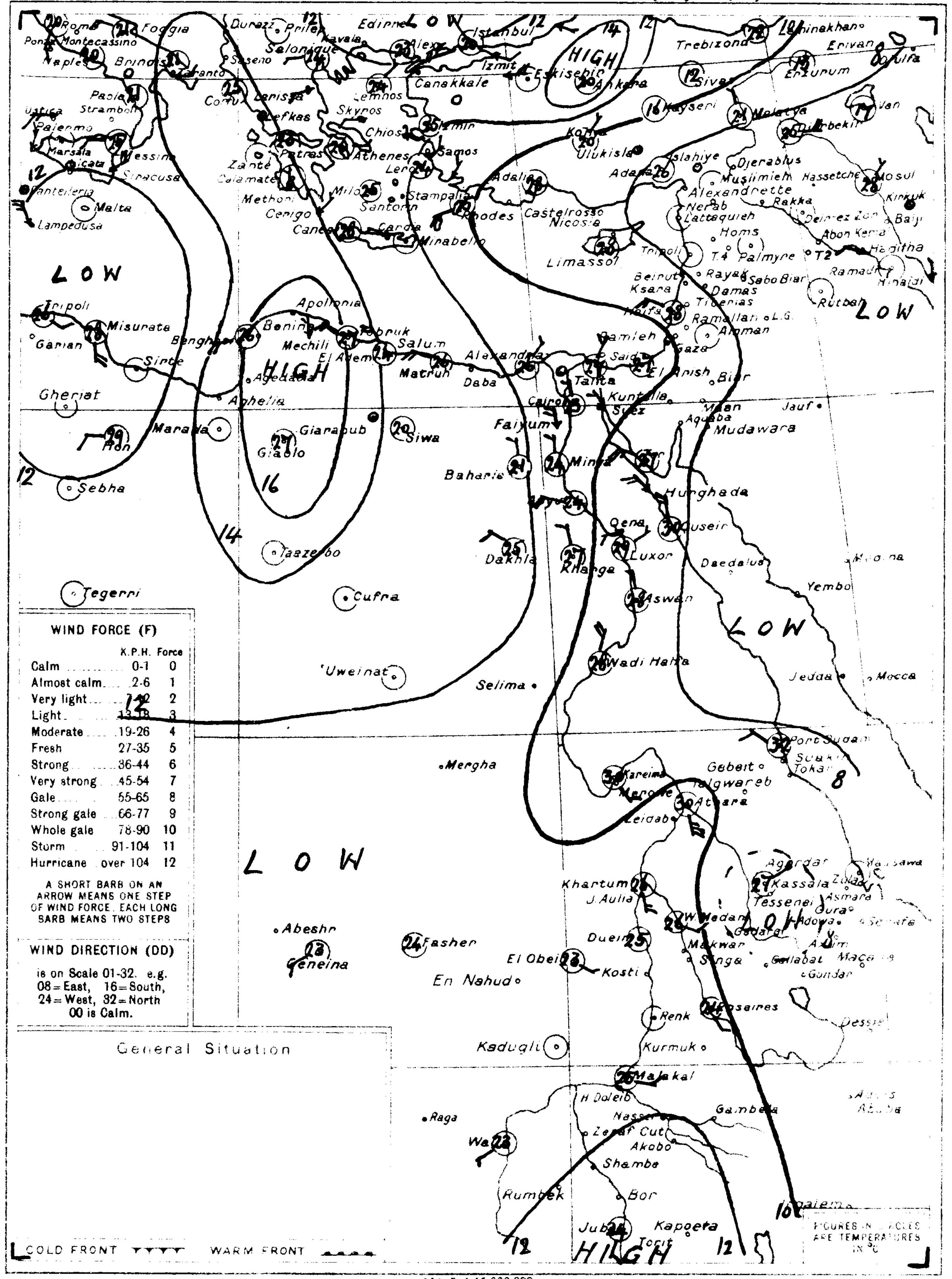
Giza Grass minimum on 19th 12.6°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
19-9	6896	10884
18-9	7160	10945

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	19-9	13.51	-0.31	13.49	-0.34
Nasser	18-9	10.25	-0.06	10.22	-0.08
Malakal	19-9	12.14	+0.02	12.14	+0.02
Roseires	19-9	18.24	-0.09	18.00	-0.38
Sennar Res	18-9	17.22	—	17.22	—
J. Aulia U.S	18-9	375.75	—	375.85	—
J. Aulia D.S	18-9	374.78	-0.45	374.65	-0.61
Khartum	18-9	14.80	-0.68	14.77	-0.73
Kh. el Girba	18-9	13.30	+0.03	13.52	+0.17
Atbara	18-9	13.90	-0.84	13.84	-0.90
Kajnarti	19-9	140.48	-0.85	140.57	-0.82
Aswan Res.	19-9	97.00	—	97.00	—
Aswan D.S	19-9	91.40	-0.59	91.51	-0.49
Roda (Cairo)	19-9	18.28	-0.37	18.30	-0.35

.١٩٣٩-٩-١٩ Isobars, Wind and Temperature at 8 h. 19-9-1939.



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

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	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	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	09	7	00	0	0	0	—	8.8	-3.5	28	—	—	—	—	—	0	610	467
Haifa	02	—	26	3	—	5	—	10.0	-0.5	27.8	30	0	24	+3	66	0	559	648

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
Distant Fog
Rain in sight
Thunder ... rain
Distant Duststorm
Squally
Slight Duststorm
Rain in past hour 20-29
Slight Thunderstorm
Heavy Thunderstorm
Duststorm
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick
Fog in patches 49
Drizzle 50-59
Rain
Rain and Fog 67
Rain and Snow 68-69
Snow
Showers 80-89
... of Snow
... of Sleet
... of Hail
Thunderstorm 90-99
... with Hail
... with Duststorm 98
... heavy with Hail

PAST WEATHER (W)
Clear or slight cloud
Variable sky
Mainly overcast
Sandstorm, Duststorm
Fog or thick dust haze
Drizzle
Rain
Snow
Showers
Thunderstorm

VISIBILITY (V)
Objects not visible at 50 metres
200
500
1 Kilometre
2
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 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or ... 9

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

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

CAIRO
Time of Sunrise 05 h 42 m
Sunset 17 h 55 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1939 سبتمبر

WEDNESDAY 20th الأربعاء ٢٠

At 8 h. on 19th / ١٩ | At 8 h. on 20th

Station	19th Present weather	Visibility	Wind Dir	Force	Past weather	Cloud Amount	Form	Bar. M.S. 1000+ mbs	Max.	Humidity	20th Present weather	Visibility	Wind Dir	Force	Past weather	Cloud Amount	Form	Bar. M.S. 1000+ mbs	Diff. from normal	Temp. 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	Station Number
SALLUM	00	8	02	5	0	0	—	12.7	27.3	83	09	6	26	2	1	3	Cu	15.2	+0.4	23.0	30		20		93	0	182		130
MATRUH	00	7	30	2	0	0	—	11.9	28.3	75	00	7	24	2	0	0	—	13.0	-1.4	26.0	29	+1	19	-1	85	0	122	160	131
[illegible]	00	8	30	4	0	0	—	12.4	26.7	91	01	8	26	1	0	1	Cu	14.2	—	26.0	27		24		87	0	94		130
ALEXANDRIA	00	9	02	2	0	0	—	11.0	29.3	68	00	9	28	1	0	0	—	13.5	-1.1	26.2	30	0	24	+2	77	0	166	166	132
[illegible]											00	6	22	1	0	0	—	12.4	—	24.5	30		22		92	0	70	107	159
[illegible]	00	7	30	3	1	0	—	7.5	30.7	62	01	7	28	2	1	2	Cc	12.3	0.0	27.0	32	+2	23	+1	83	0	64	81	134
[illegible]	00	7	30	3	0	0	—	10.3	28.0	81	02	6	18	1	1	4	Cu	12.7	—	26.7	30		21		80	0	130	93	135
[illegible]											00	8	32	2	0	0	—	13.9	+0.4	26.3	33	+1	19	+1	79	0	29	103	136
[illegible]											40	3	30	1	4	0	—	13.4	—	22.2	35	+2	18	-1	96	0	46	55	137
[illegible]	00	7	32	3	0	0	—	9.9	34.0	40	04	6	00	0	4	7	As	13.6	-0.4	22.9	35	+2	19	0	96	0	41	43	138
ZAGAZIG	01	9	30	1	0	1	Cu	10.0	33.9	34	08	3	26	2	4	9	—	14.2	—	23.4	34	+1	18	0	98	0	31	29	139
CAIRO ALMAZA	00	8	32	3	0	0	—	11.2	32.7	36	40	2	00	0	4	8	St	14.3	—	21.4	33		20		94	0	18		141
CAIRO EZBEKIYA	00	7	32	1	0	0	—	9.6	33.6	42	08	4	30	1	4	8	St	14.2	+0.9	22.6	35	+3	21	+2	93	0	23	28	–
GIZA	00	7	32	1	0	0	—	9.5	33.2	32	40	2	30	2	4	8	St	13.8	+0.1	22.6	34	+3	19	+2	95	0	23	28	
HELWAN	00	7	32	3	0	0	—	8.7	33.0	25	09	5	28	1	1	4	Sc	13.8	+0.2	22.7	34	+2	20	0	88	0	26	29	143
SUEZ	00	9	32	3	0	0	—	9.1	31.7	41	01	7	32	2	0	3	Cu	13.0	+0.3	25.0	34	+1	21	-1	81	0	27	18	144
FAYUM	00	8	32	3	0	0	—	9.0	34.0	30	00	7	32	3	0	0	—	13.5	-0.1	24.3	36	+3	21	+2	76	0	7	8	153
MINYA	00	8	30	3	1	0	—	8.8	32.2	40	00	6	32	3	0	0	—	12.2	-0.6	24.0	33	+1	21	+1	76	0	4	—	154
ASYUT	00	7	26	3	1	0	—	8.3	32.0	42	00	6	28	3	0	0	—	12.0	-0.5	26.0	34	+1	20	-1	55	0	2	4	155
QENA	00	8	22	2	0	0	—	7.5	35.3	28	00	7	28	1	0	0	—	10.2	-0.2	28.1	38	0	23	+2	51	0	dr	—	156
LUXOR	00	8	22	1	0	0	—	—	36.5	36	00	8	10	1	0	0	—	—	—	28.0	39		22		60	0	dr	—	157
[illegible]	00	7	32	1	0	0	—	5.6	37.2	20	00	7	00	0	0	0	—	8.8	-1.7	29.0	39	-1	25	+2	40	0	1	—	158
[illegible]	00	8	00	0	0	0	—	12.6	34.0	68	00	8	00	0	0	0	—	15.6	+1.9	24.0	37	+2	15	-3	60	0	7	8	
[illegible]	00	9	32	4	0	0	—	9.3	31.3	64	00	9	00	0	0	0	—	11.9		24.0	36		—		75	0	1		147
[illegible]	00	8	32	3	0	0	—	8.7	36.3	27	00	8	08	1	0	0	—	11.4	-0.4	25.6	36	0	17	-3	44	0	dr	tr	149
[illegible]	00	8	30	5	0	0	—	10.0	33.6	45	00	7	18	1	0	0	—	12.6	-0.2	28.3	36	0	21	+1	48	0	dr	—	152
[illegible]	01	6	28	3	0	1	Cu	6.7	30.0	65	00	6	28	2	0	0	—	11.2	+0.8	27.0	31	0	22	0	80	0	20	13	145
[illegible]	00	9	02	3	0	0	—	7.4	32.0	51	00	9	30	4	0	0	—	11.1	+0.6	28.2	33	0	23	0	52	0	1	—	146
[illegible]	00	7	02	2	0	0	—	7.6	28.5	77	00	7	32	1	0	0	—	10.7	+0.7	29.1	31	-2	24	-2	57	0	tr	6	147
[illegible]											06	—	08	2	2	9	—	11.0	+2.2	33.2	35	-2	28	0	63	0	81	122	169
[illegible]											01	9	20	2	0	1	As	10.8	-0.3	26.8	40	+1	23	+1	31	—	—	—	162
[illegible]											25	6	04	2	1	6	As	11.6	+2.0	28.8	39	-3	27	+2	52	dr.	15	33	165
[illegible]											01	—	12	2	0	4	—	11.0	+2.3	31.0	39	-2	27	+2	37	0	52	80	167
[illegible]											02	8	26	1	1	5	AcCu	12.5	+3.5	28.1	36	-4	25	0	57	0	101	145	168
[illegible]											01	8	14	2	1	4	AcCu	10.2	-0.7	28.2	33	-4	21	-2	51	dr.	348	312	170
[illegible]											01	—	16	3	0	4	—	11.1	+1.0	26.9	34	-3	22	0	73	0	502	373	171
DUEIM											01	—	—	—	6	4	—	11.0	+0.8	26.8	34	-3	22	0	75	13	441	284	173
[illegible]																												—	152
[illegible]											03	—	18	1	1	7	—	13.4	+2.2	23.0	34	0	22	+2	85	0	724	725	172
EL OBEID											03	8	16	1	2	8	AcCu	11.2	-0.4	25.0	33	-2	22	+1	76	0	394	325	174
EL FASHER											02	8	04	1	1	5	Sc	—	—	24.0	35	-1	22	+2	83	10	378	312	175
GENEINA											02	8	12	1	8	5	Ac	—	—	22.7	34	—	19	—	74	1	443	—	179
KADUGLI																												—	157
MALAKAL											01	8	30	3	1	3	Cu,Ac	11.8	+0.1	26.1	32	-1	23	+1	76	0	926	829	176
WAU											03	—	24	2	6	7	—	12.0	+1.0	23.0	32	-1	21	+1	88	23	1069	1063	177
JUBA											01	9	18	2	1	4	Ac	12.1	0.0	23.2	33	0	19	-1	83	8	1083	853	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.

20th ٢٠

[illegible] 6 h	MATRUH 7 h	DIKHEILA	CAIRO	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 7 h	KAREIMA 7 h	KHARTOUM 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA 7 h
02 34 20	02 32 15			02 31 10	02 36 10	02 01 20	03 04 15	06.02.25	06.28.25	06.18.15	07.21.10	06.21.10	06.29.30
05 05 10	05 05 30			05 03 25	05 04 20	05 02 10	06 02 25	10.06.10	10.21.35	10.19.15	10.17.25	10.25.10	10.25.35
10 03 25	10 01 20			10 06 25	10 12 10	10 15 15	10 05 10	15.07.05	15.18.35	15.04.05	15.18.25	15.17.10	15.25.40
15 03 35	15 01 20			15 09 25	15 10 15	15 17 25	15 14 25	20.07.10	20.17.35	20.08.15	20.15.15	20.15.15	20.19.30
20 04 40	19 01 25			20 25 10	20 10 15	20 08 10	20 09 10	25.11.15	25.13.10	30.13.20		30.14.35	30.20.40
25 03 35				25 17 05			30 19 30	30.14.45	30.10.20	40.12.25			40.19.25
26 03 35				30 06 05			40 26 20	40.12.40	40.09.30	50.10.15			50.23.15
				35 05 10			50 24 25	41.11.35	50.10.45	57.11.20			60.23.25
				40 05 20			57 34 20		60.12.55				
				45 05 25					66.11.50				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % 19th	Diff. from normal	Wet bulb temp. 19th	Diff. from normal
Alexandria	72	+5	23.7	+3.0
Ezbekiya	63	-2	22.5	+1.0
Giza	65	-2	21.2	-0.1
Helwan	49	-5	19.5	+0.8

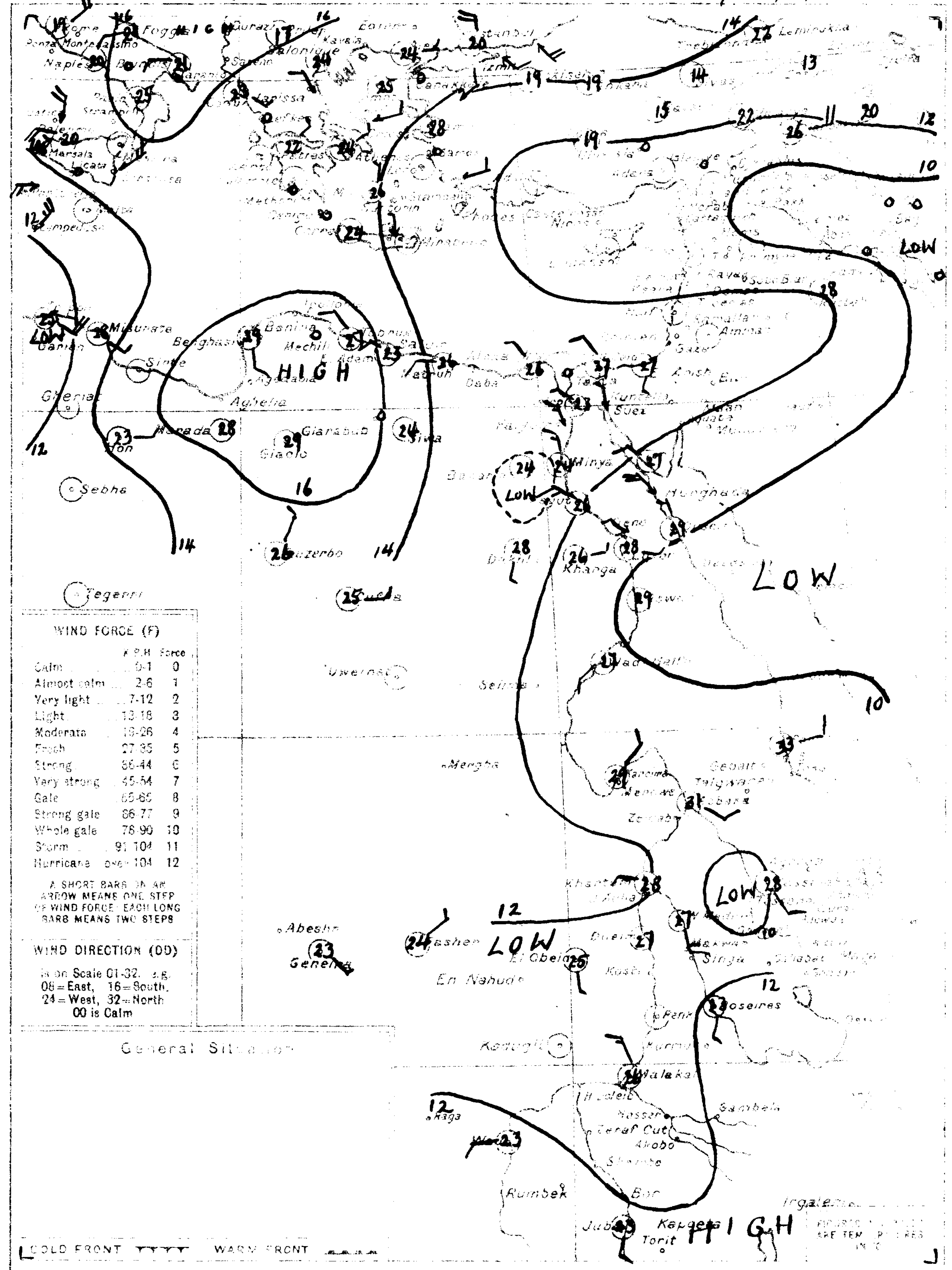
Giza Grass minimum on 20th 12.1 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
20-9	6591	10871
19-9	6896	10884

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	19-9	13.51	-0.31	13.49	-0.34
Nasser	19-9	10.27	-0.05	10.25	-0.06
Malakal	20-9	12.13	0.00	12.14	+0.02
Roseires	19-9	18.24	-0.09	18.00	-0.38
Sennar Res.	19-9	17.21	—	17.22	—
J. Aulia U.S.	19-9	375.75	—	375.75	—
J. Aulia D.S.	19-9	374.60	-0.61	374.78	-0.45
Khartoum	19-9	14.79	-0.65	14.80	-0.68
Kh. el Girba	19-9	13.30	+0.09	13.30	+0.03
Atbara	19-9	13.94	-0.77	13.90	-0.84
Kajnarti	19-9	140.48	-0.85	140.59	-0.82
Aswan Res.	20-9	97.00		97.00	
Aswan D.S.	20-9	91.30	-0.66	91.40	-0.59
Roda (Cairo)	20-9	18.28	-0.37	18.28	-0.37

Isobars, Wind and Temperature at 8 h. 20-9-1939 ٢٠-٩-١٩٣٩



General Situation

At 8 h. on 20th

Station	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. M.S. 1000+ mbs PPP	Diff. from normal mbs	Temp. 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	00	0	0	0	—	11.1	-1.3	28	—	—	—	—	—	0	610	467
Haifa	01	—	10	2	—	4	—	12.4	+1.8	27.4	31	+1	23	+3	70	0	559	648
SHIPS سفن																		

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

PRESENT WEATHER
Clear
Partly cloudy
Cloudy
Overcast

CLOUD FORM (C)
Cirrus Ci
Cirro-stratus Cs
Cirro-cumulus Cc
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 42 m
" " Sunset 17 h 54 m

Month **SEPTEMBER** 1939 — ١٩٣٩ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

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

STATION	14h 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 Present weather ww	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	Station Number
SALUM	00	8	02	2	0	0	—	14.7	30.5	57	00	7	30	4	0	0	—	16.8	+1.9	25.1	32	—	22	—	57	0	182	—	130
MATRUH	00	7	28	2	0	0	—	13.8	27.8	89	00	8	26	2	0	0	—	15.8	+1.3	26.2	28	0	17	-3	90	0	122	160	131
DIKHEILA	01	8	30	3	0	1	Cu	13.6	27.1	90	01	8	28	2	0	2	Cu	15.2	—	26.5	28	—	22	—	87	0	94	—	150
ALEXANDRIA	00	9	28	3	0	0	—	13.1	28.2	72	01	9	32	1	0	3	Ac	15.0	+0.4	26.7	30	0	24	+2	80	0	166	186	132
DAMIETTA											00	6	00	0	0	0	—	14.3	—	27.4	33	—	21	—	83	0	70	107	159
PORT SAID	00	7	28	3	1	0	—	12.2	31.0	60	02	7	02	1	1	4	Cu	14.2	+1.8	27.0	33	+3	23	+1	79	0	64	81	134
EL 'ARISH	00	7	30	2	0	0	—	12.4	28.7	72	00	7	00	0	0	0	—	13.9	—	28.3	32	—	20	—	69	0	130	93	135
DAMANHUR											40	1	12	1	4	9	—	15.0	+1.3	22.3	35	+3	19	+1	98	0	29	103	136
MANSURA											00	8	04	1	0	0	—	14.6	—	25.1	35	+2	20	+1	83	0	46	55	137
TANTA	00	7	00	0	0	0	—	12.6	34.0	36	02	7	00	0	1	4	Cc	15.0	+0.8	23.5	35	+2	19	0	91	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	12.8	34.9	49	08	3	30	1	4	9	—	15.5	—	23.6	35	+2	19	+1	99	0	31	29	139
CAIRO ALMAZA	00	8	30	3	0	0	—	12.2	33.8	26	47	2	00	0	4	9	—	15.2	—	22.0	34	—	20	—	91	0	18	—	141
CAIRO EZBEKIYA	00	7	02	1	0	0	—	12.0	34.1	32	08	4	02	1	4	8	St	15.2	+1.8	23.4	35	+3	21	+2	92	0	23	28	—
CAIRO GIZA	00	7	02	1	0	0	—	11.9	34.0	23	40	3	30	3	4	8	St	15.2	+1.4	22.9	34	+3	19	+2	94	0	23	28	—
HELWAN	00	8	32	3	0	0	—	11.4	33.9	23	09	5	28	2	0	0	—	15.1	+1.4	23.3	36	+4	20	0	81	0	26	29	143
SUEZ	00	9	30	2	0	0	—	11.4	33.8	35	00	8	30	3	0	0	—	14.3	+1.5	26.6	35	+2	20	-2	67	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	11.4	35.0	26	00	7	30	2	0	0	—	14.8	+1.2	24.9	37	+4	20	+1	70	0	7	8	153
MINYA	00	8	30	3	0	0	—	10.6	34.0	37	00	7	32	1	0	0	—	13.6	+0.7	25.1	34	+2	20	+1	66	0	4	—	154
ASYUT	00	8	08	2	0	0	—	9.3	37.1	39	00	6	22	3	0	0	—	13.0	+0.4	25.8	40	+7	20	-1	52	0	2	4	155
QENA	00	8	22	1	0	0	—	8.3	37.7	33	00	7	28	1	0	0	—	11.4	+0.9	30.0	41	+4	23	+2	36	0	dr	—	156
LUXOR	00	8	30	2	0	0	—	—	38.0	30	00	8	02	1	0	0	—	—	—	30.5	41	—	24	—	46	0	dr	—	157
ASWAN	00	7	24	1	0	0	—	5.8	40.0	22	00	6	30	1	0	0	—	11.5	+0.9	31.8	41	+1	27	+4	24	0	1	—	158
SIWA	00	8	00	0	0	0	—	15.5	37.2	53	00	8	00	0	0	0	—	16.6	+2.8	27.0	38	+3	19	+1	44	0	7	8	148
BAHARIYA	00	9	32	1	0	0	—	12.7	33.0	44	00	9	32	1	0	0	—	13.6	—	21.9	36	—	—	—	87	0	1	—	149
KHARGA	00	8	04	2	0	0	—	9.3	35.2	28	00	8	24	1	0	0	—	11.9	0.0	26.5	37	+1	19	-1	46	0	dr	tr	151
DAKHLA	00	8	30	4	0	0	—	11.1	36.3	41	00	7	26	2	0	0	—	13.8	—	25.2	37	+1	20	0	52	0	dr	—	152
TOR	00	6	28	2	0	0	—	9.5	31.0	72	00	6	24	1	0	0	—	11.9	+1.4	28.5	31	0	20	-2	61	0	20	13	145
HURGHADA	00	9	04	2	0	0	—	10.3	31.2	60	00	9	28	3	0	0	—	—	—	30.1	34	+1	22	0	41	0	1	—	146
QUSEIR	00	7	02	1	0	0	—	10.2	30.0	74	00	7	02	1	0	0	—	11.5	+1.3	30.0	32	0	26	+1	53	0	tr	6	147
PORT SUDAN											02	—	28	1	3	4	—	11.6	+2.7	33.4	36	-1	28	0	65	0	81	122	169
WADI HALFA											18	6	18	3	3	2	Ac	10.7	-0.5	30.4	41	+2	26	+4	36	—	—	—	165
KAREIMA											03	7	20	4	1	8	Ac,As	12.1	+2.4	27.9	40	-2	27	+2	57	4	19	33	166
ATBARA											02	—	20	5	0	4	—	12.3	+3.6	30.0	39	-2	27	+2	47	0	52	81	167
KHARTUM											10	8	20	2	8	6	Ci,Ac	13.7	+4.7	25.0	37	-3	23	-2	61	dr	101	146	168
KASSALA											01	8	14	2	1	4	Ac,Ci	13.3	+2.4	26.0	36	-1	22	-1	69	3	351	314	170
WAD MEDANI											03	—	22	4	5	7	—	14.7	+4.7	22.5	34	-3	21	-1	90	dr	502	375	171
DUEIM											03	—	—	—	2	7	—	14.0	+3.8	25.6	34	-3	21	-1	75	0	441	286	173
RENK																			—	—	—		—					—	182
ROSEIRES											03	—	18	1	5	7	—	15.9	+4.7	20.9	31	-3	20	0	97	12	736	730	172
EL OBEID											22	8	18	1	6	8	Sc,Ac	13.1	+1.5	22.2	33	-2	21	0	91	8	402	328	174
EL FASHER																												313	175
GENEINA											03	8	00	0	2	6	Sc	—	—	20.4	31		19	—	91	11	454	—	179
KADUGLI																												—	187
MALAKAL											03	8	02	3	1	6	Sc,Ac	13.5	+1.8	25.4	31	-2	22	0	83	1	927	834	176
WAU																												1068	177
JUBA																												857	178

UPPER WINDS ON 21st — 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	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P. SAID Ar.
7 h. m.	7 h. m.	h. m.	h. m.	8 h. 30 m.	7 h. m.	7 h. m.	4 h. m.	4 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.
02 34 25	02 01 20			02 33 20	02 33 15	05 23 40	03 15 20	06 04 25	06 16 40	06 17 05		06 35 10		02 30 10
05 06 10	05 04 30			05 05 20	05 10 30	10 21 30	06 13 30	10 06 35	10 18 25	10 19 15		10 32 25		04 31 10
10 02 25	10 03 25			08 06 20	10 10 20	15 16 15	10 15 30	15 07 25	15 17 30	15 21 10		15 28 10		
15 36 25	15 02 40			10 07 20	15 10 15		15 12 20	20 10 25	20 13 35	20 03 15		20 16 15		
20 03 20	18 36 15			15 01 20	20 09 15		20 12 20	22 10 20	30 11 35	30 04 25		30 16 15		
25 36 30				20 02 15			30 27 15		40 09 25	40 12 40		34 19 10		
30 01 35				23 02 10			40 18 10			50 16 25				
				25 02 10										
				30 36 05										
				35 03 20										

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	75	+8	23.8	+3.1
Ezbekiya	68	+3	21.5	+0.1
Giza	75	+8	20.8	-0.4
Helwan	56	+2	20.1	+1.4

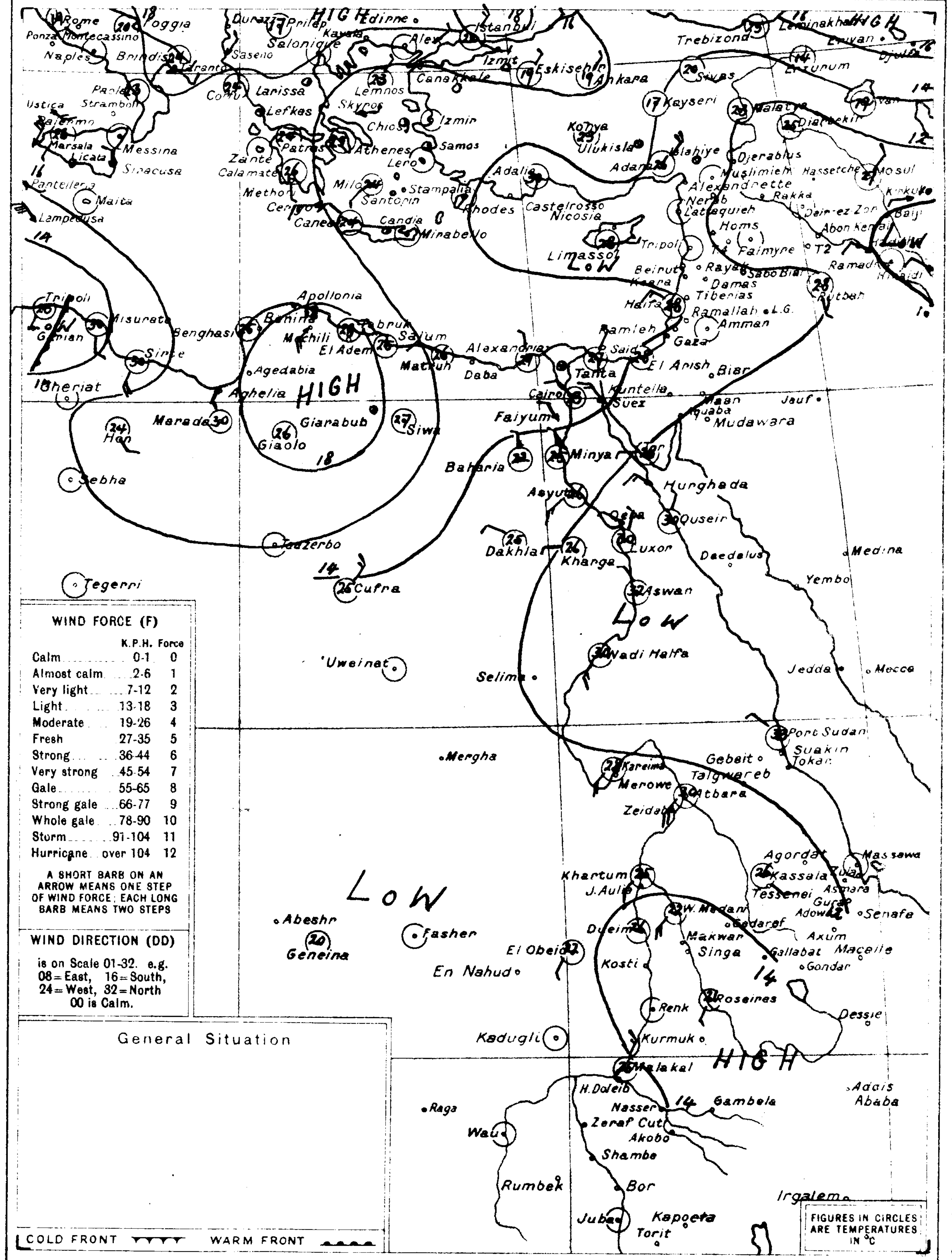
Giza Grass minimum on 21st 12.2°C

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

DATE	1939	1938
21-9	6529	10905
20-9	6591	10871

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	20-9	13.49	-0.31	13.51	-0.31
Nasser	20-9	10.29	-0.03	10.27	-0.05
Malakal	21-9	12.14	0.00	12.13	0.00
Roseires	20-9	18.28	0.00	18.24	-0.09
Sennar Res.	20-9	17.19	—	17.21	—
J. Aulia U.S	20-9	375.72	—	375.75	—
J. Aulia D.S	20-9	374.58	-0.61	374.60	-0.61
Khartum	20-9	14.76	-0.66	14.79	-0.65
Kh. el Girba	20-9	13.27	+0.15	13.36	+0.09
'Atbara	20-9	14.14	-0.54	13.94	-0.77
Kajnarti	20-9	140.38	-0.89	140.48	-0.85
Aswan Res.	21-9	97.00	—	97.09	—
Aswan D.S.	21-9	91.24	-0.69	91.30	-0.66
Roda (Cairo)	21-9	18.29	-0.35	18.28	-0.37

Isobars, Wind and Temperature at 8 h. 21-9-1939 — ١٩٣٩-٩-٢١



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

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 21st (الساعة ٨ يوم ٢١)

STATION (محطة)	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	08	1	0	0	—	12.4	-0.2	28	—	—	—	—	—	0	610	467
Haifa	01	—	26	3	—	3	—	13.9	+3.1	28.5	32	+2	23	+3	66	0	559	648
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
[illegible]	08
[illegible]	09
Rain in past hour	10
Thunder [illegible]	11
Distant Duststorm	12
Squall	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and 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], now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 47 m
Sunset 17 h 52 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER سبتمبر

١٩٣٩-٩-٢٢

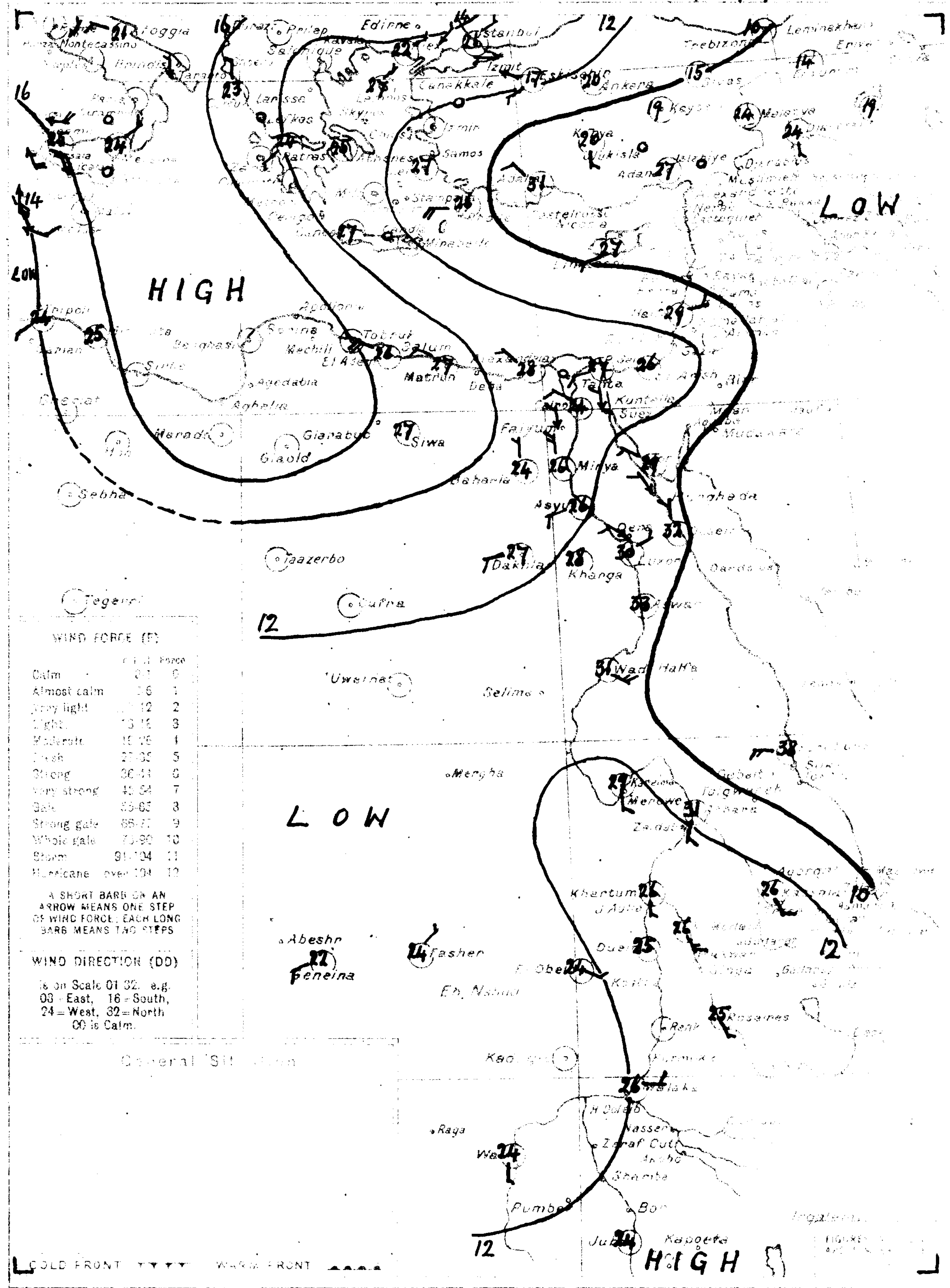
21st — FRIDAY 22nd الجمعة ٢٢

00	8	02	5	0	0	–	16.3	30.3	35	02	7	26	4	1	4	Cu	14.8	-0.2	25.6	31		21		38	0	182		
00	7	28	3	0	0	–	15.5	28.2	77	00	8	26	2	0	0	–	14.3	-0.3	27.0	29	+1	21	+1	64	0	122	160	
00	9	30	3	0	0	–	15.2	27.5	90	00	8	26	1	0	0	–	14.2	–	27.4	28		26		84	0	94		
00	7	32	2	0	0	–	13.9	30.0	68	00	9	28	1	0	0	–	13.6	-1.1	27.8	30	0	25	+3	70	0	166	186	
										00	7	20	1	0	0	–	12.2	–	26.8	33		21		86	0	76	107	
00	7	30	2	1	0	–	13.0	31.8	64	02	7	22	2	1	4	Ac	12.4	-0.1	27.3	34	+4	24	+2	77	0	64	81	
00	7	30	2	0	0	–	13.1	29.4	74	00	7	00	0	0	0	–	12.6	–	25.5	30		18		70	0	130	93	135
										00	8	22	2	0	0	–	13.6	-0.2	27.0	35	+3	20	+2	76	0	29	103	136
										00	8	20	1	0	0	–	12.8	–	25.0	36	+3	20	+1	84	0	46	55	137
00	7	00	0	0	0	–	13.1	34.0	40	00	7	00	0	0	0	–	13.6	-0.7	25.0	35	+2	19	+1	87	0	41	43	138
00	9	30	1	0	0	–	13.8	34.6	54	02	7	28	1	2	4	Cu	13.6	–	26.6	35	+3	20	+2	88	0	31	29	139
00	8	30	3	0	0	–	13.1	34.4	36	05	6	28	2	2	7	St	14.2	–	24.4	35		22		79	0	18		141
00	7	30	2	0	0	–	12.7	34.8	33	02	7	32	1	2	5	Sc	13.5	0.0	25.1	36	+4	22	+3	83	0	23	28	
00	7	30	2	0	0	–	13.0	33.7	27	02	7	32	1	2	5	Sc	13.6	-0.3	23.2	35	+4	19	+2	89	0	23	28	
00	7	30	4	0	0	–	12.4	34.9	23	09	5	28	2	1	4	Sc	13.5	-0.3	24.0	37	+3	21	+1	83	0	26	29	143
00	9	32	2	0	0	–	12.2	33.4	44	00	7	32	2	0	0	–	13.0	+0.1	24.7	34	+1	19	-3	83	0	27	18	144
00	8	32	2	0	0	–	12.3	35.6	28	00	8	32	2	0	0	–	15.1	+1.4	26.0	38	+5	21	+2	71	0	7	8	153
00	8	30	3	0	0	–	11.9	35.6	33	00	7	32	3	0	0	–	13.0	-0.1	25.6	36	+4	21	+2	78	0	4		154
00	8	30	2	0	0	–	10.3	37.0	27	00	6	22	2	0	0	–	12.6	-0.1	26.3	–	–	21	0	57	0	2	4	156
00	8	24	1	0	0	–	9.0	40.5	29	00	7	28	2	0	0	–	10.6	0.0	27.3	42	+5	23	+2	48	0	dr	—	158
00	8	10	2	0	0	–	–	39.0	33	00	8	06	1	0	0	–	–	–	30.0	40		22		41	0	dr	—	157
00	7	26	1	0	0	–	8.2	42.3	30	00	7	00	0	0	0	–	10.2	-0.5	32.6	43	+4	27	+4	21	0	1	—	155
00	8	00	0	0	0	–	16.4	38.0	49	00	8	00	0	0	0	–	15.8	+1.9	27.0	40	+5	17	-1	77	0	7	8	148
00	9	32	1	0	0	–	12.4	35.0	37	00	9	32	1	0	0	–	13.0		24.1	36		–		81	0	1	–	149
00	8	08	1	0	0	–	9.5	38.7	27	00	8	00	0	0	0	–	11.0	-0.5	28.4	40	+4	23	+3	35	0	dr	tr	151
00	8	30	4	0	0	–	11.8	35.8	54	00	7	22	2	0	0	–	13.6	+0.5	26.8	38	+2	22	+2	56	0	dr	—	152
00	6	28	4	0	0	–	9.8	32.1	60	00	8	28	1	0	0	–	10.7	+0.1	28.8	33	+2	20	-2	54	0	20	13	145
01	9	04	2	0	3	Cu	10.2	31.6	56	00	9	30	2	0	0	–	11.1	+0.3	30.5	34	+1	24	+2	39	0	1	–	146
00	7	02	2	0	0	–	11.0	31.0	59	00	7	32	2	0	0	–	10.4	+0.1	31.5	33	+1	26	+1	43	0	tr	6	147
										00	–	24	3	0	0	–	8.4	-0.6	38.4	39	+2	30	+2	21	0	81	122	169
										01	8	12	3	0	3	Ac	10.9	-0.4	30.7	42	+4	25	+3	42	–	–		165
										01	8	16	2	1	4	Ac	12.1	+2.4	29.0	35	-7	26	+1	52	0	19	33	166
										00	–	18	2	0	0	–	11.8	+3.0	30.6	37	-4	25	0	40	0	52	81	167
										01	8	16	1	1	2	Ac	12.7	+3.7	26.3	36	-4	23	-2	76	tr	101	147	168
										00	8	14	2	0	0	–	13.1	+2.3	26.1	33	-4	22	-1	69	0	351	316	170
										00	–	14	3	0	0	–	12.7	+2.7	25.9	28	-9	21	-1	72	dr	502	377	171
										03	–	–	–	1	7	–	12.4	+2.2	25.0	31	-6	22	0	80	0	441	288	173
																											—	182
										02	–	14	1	1	4	–	12.7	+1.6	25.0	32	-2	20	0	91	0	736	735	172
										01	8	10	1	1	3	Ac	11.6	+0.1	23.8	29	-6	20	-1	75	dr	402	331	174
										01	8	04	1	1	4	Sc	–	–	23.5	32	-4	21	+2	76	16	394	314	175
										03	8	20	2	1	6	Ac	–	–	22.5	31	–	20	–	83	tr	454	—	179
																											—	187
										01	8	08	2	1	3	Ac	11.8	+0.2	25.6	31	-2	22	0	79	2	929	839	176
										02	–	16	1	1	4	–	11.2	-0.3	23.8	31	-2	21	+1	89	0	1071	1073	177
										01	8	00	0	0	2	Ci	12.5	+0.4	23.7	31	-2	19	-1	75	0	1084	860	178

... in the Code HHDDVV where HH is Height above Sea Level in Hundreds of metres, DD ... from East of North in tens of degrees, VV is Velocity in Kilometres per hour.

22nd

	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P. Said
7	4	5	7	7	6	7	7	7
02.29.25	03.21.15	06.09.20	06.19.25	06.18.15	07.13.10	06.01.10	06.19.05	02.26.10
05.33.05	06.23.20	10.10.45	10.36.05	10.20.05	10.13.15	10.08.25	10.13.35	05.35.15
10.30.15	10.28.10		15.00.00	15.35.05	15.23.05	15.05.15	15.14.55	10.36.20
15.32.20	15.04.15		20.10.20	20.03.15	20.23.05	20.04.15	20.12.40	15.35.25
20.32.40	20.08.10		30.11.40	30.08.25	29.34.10	30.10.05	30.16.45	20.35.15
23.33.35	22.10.10		40.11.45	40.11.35		40.16.15	40.17.45	23.34.25
			48.10.45	50.13.35			50.17.05	
				57.14.35			56.18.15	



Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر اليوم

STATION	Humidity 21st	Diff. from normal	Wet bulb temp. 21st	Diff. from normal
Alexandria	74	+7	24.0	+3.4
Ezbekiya	69	+4	22.4	+1.0
Giza	72	+5	21.4	+0.2
Helwan	54	0	20.6	+2.0

Giza Grass minimum 22nd 11.9 °

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
22-9	6312	11018
21-9	6529	10905

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	22.9	13.53	-0.24	13.47	-0.31
Nasser	22.9	10.33	-0.02	10.32	-0.01
Malakal	22.9	12.14	-0.01	12.14	0.00
Roseires	22.9	18.50	+0.32	18.33	+0.09
Sennar Res	22.9	17.21	—	17.20	—
J. Aulia U S	22.9	375.74	—	375.72	—
J. Aulia D S	22.9	374.55	-0.60	374.53	-0.64
Khartum	22.9	14.81	-0.55	14.79	-0.60
Kh. el Girba	22.9	12.90	-0.08	13.16	+0.05
Atbara	22.9	14.00	-0.58	14.10	-0.53
Kajnarti	22.9	140.03	-1.15	140.20	-1.03
Aswan Res.	22.9	97.00	—	97.00	—
Aswan D.S.	22.9	91.16	-0.73	91.24	-0.69
Roda (Cairo)	22.9	18.20	-0.44	18.29	-0.35

At 8 h. on 22nd

STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry bulb °C	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	Humidity	Rainfall Past 24 h.	Rainfall	Normal
Limassol	00	7	20	1	0	0	—	9.9	-2.8	27						0	610	467
Haifa	00	—	06	2	—	0	—	11.9	+1.0	28.6	32	+2	24	+4	64	0	559	648
SHIPS																		

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

PRESENT WEATHER
Stratus
Nimbus
Nimbo-stratus
Cumulus
Cumulo-nimbus

Printed by the Survey & Mines Dept. 1938

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

CAIRO

Time of Sunrise 05 43
Time of Sunset 18 51

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

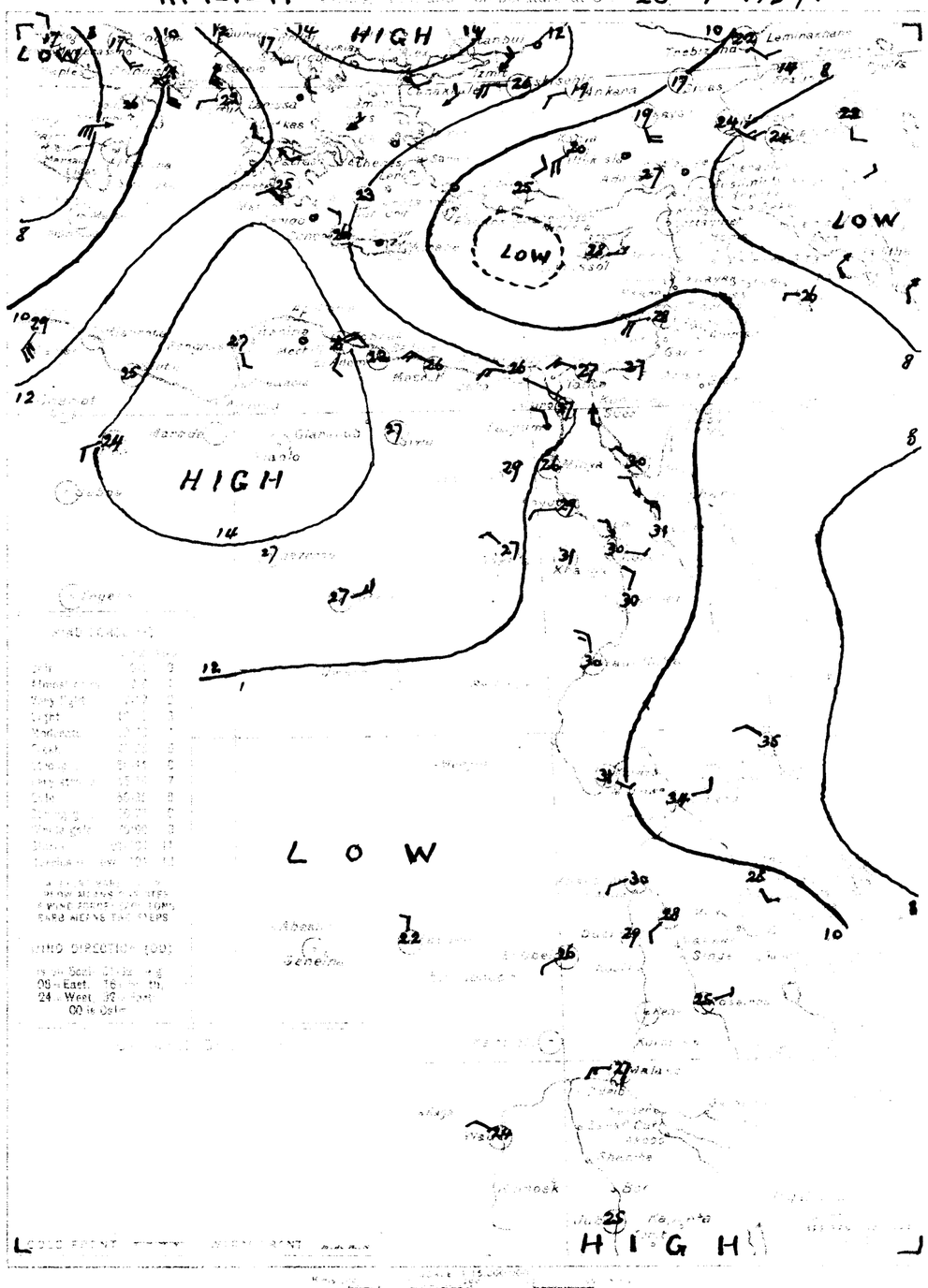
DAILY WEATHER REPORT

Month SEPTEMBER سبتمبر ١٩٣٩ ١٩٣٩-٩-٢٣ Date 23-9-1939.

SATURDAY 23rd السبت ٢٣

22nd ٢٢

01	8	26	5	1	2	Cu	12-2	37-6	23	09	6	28	4	4	3	Ac	13-3	-1-8	22-3	38		20		97	0	182						
00	7	28	2	0	0	—	12-3	30-1	57	01	8	28	4	0	2	Cu	12-2	-2-5	26-2	30	+2	21	+1	81	0	122	160					
00	8	26	3	0	0	—	13-5	28-3	87	01	8	26	3	1	4	Cu	12-3	—	26-5	29		21		80	0	94						
00	9	28	3	0	0	—	12-4	30-2	62	01	9	26	3	2	4	Cu	11-8	-3-0	26-4	31	+1	23	+1	79	0	166	186					
										00	7	20	2	0	0	—	11-2	—	25-1	31		19		83	0	70	107					
00	7	28	3	1	0	—	11-4	32-3	62	00	7	26	3	0	0	—	11-2	-1-5	27-2	33	+3	23	+1	66	0	64	81					
00	7	26	2	0	0	—	11-0	29	68	00	7	00	0	0	0	—	11-1	—	27-0	30		19		52	0	130	93					
										00	8	24	2	0	0	—	11-9	-2-0	27-3	35	+3	20	+2	63	0	29	103					
										00	8	24	2	0	0	—	11-4	—	25-0	36	+3	19	0	76	0	46	55					
00	7	00	0	0	0	—	11-2	35-0	42	00	7	24	2	0	0	—	11-8	-2-5	25-0	36	+3	18	0	72	0	41	43					
00	9	26	1	0	0	—	11-6	34-9	51	00	8	26	1	0	0	—	12-0		27-9	35	+3	18	0	70	0	31	29					
00	8	24	3	0	0	—	12-0	34-6	38	05	5	00	0	0	0	—	12-4	—	26-7	35		22		55	0	18						
00	8	30	2	0	0	—	11-2	35-2	35	05	5	00	0	0	0	—	12-2	-1-4	26-0	37	+5	22	+3	55	0	23	28					
00	8	30	2	0	0	—	11-1	34-3	25	00	8	16	1	0	0	—	12-0	-1-9	24-6	35	+4	18	+1	67	0	23	28					
00	7	30	2	1	0	—	11-0	34-5	25	05	6	00	0	0	0	0	12-0	-1-9	26-7	36	+4	23	+3	45	0	26	29					
00	9	32	3	0	0	—	10-3	35-4	27	00	8	16	1	0	0	—	11-1	-1-9	27-7	36	+3	20	-1	47	0	27	18					
00	8	02	2	0	0	—	10-8	35-8	26	00	7	30	2	0	0	—	12-2	-1-6	26-2	38	+5	20	+1	61	0	7	8					
00	8	30	4	0	0	—	10-8	34-1	36	00	7	00	0	0	0	—	11-9	-1-3	26-3	35	+4	20	+1	66	0	4						
00	8	30	3	0	0	—	9-8	35-2	23	00	6	24	2	0	0	—	12-0	-0-8	29-3	37	+5	23	+2	44	0	2	4					
00	8	26	2	0	0	—	8-4	38-2	27	00	8	30	1	0	0	—	11-1	+0-4	27-6	41	+4	24	+3	48	0	dr						
00	8	10	1	0	0	—	—	40-7	—	00	8	10	1	0	0	—	—	—	30-3	42		21		51	0	dr						
01	7	20	1	0	3	Ac	6-7	42-2	27	00	7	02	2	0	0	—	10-7	-0-2	30-0	43	+4	26	+3	36	0	1	—					
										00	8	00	0	0	0	—	13-9	-0-1	27-0	40	+5	17	-1	78	0	7	8					
00	9	32	1	0	0	—	11-1	37-0	39	00	9	00	0	0	0	—	11-9		27-2	38		—		46	0	1						
00	8	04	2	0	0	—	9-4	38-9	24	00	8	00	0	0	0	—	11-4	-0-8	30-6	40	+4	26	+6	33	0	dr	tr					
00	8	05	2	0	0	—	11-4	37-2	45	00	7	28	1	0	0	—	13-4	+0-2	27-3	41	+5	23	+3	54	0	dr						
00	8	28	4	0	0	—	8-4	31-0	56	00	8	28	1	0	0	—	10-4	-0-4	29-5	34	+3	22	+1	48	0	20	13					
00	9	02	2	0	0	—	9-0	32-7	47	00	9	30	2	0	0	—	11-1	+0-2	30-3	34	+2	24	+2	46	0	1	—					
01	7	02	2	0	1	Cu	9-5	30-3	65	00	7	32	3	0	0	—	10-4	0-0	31-2	33	+1	25	0	49	0	tr	6					
										00	—	28	2	0	0	—	8-8	-0-4	35-2	41	+4	28	0	40	0	81	122					
										02	8	32	3	1	5	Ac	10-7	-0-7	30-3	42	+4	25	+3	21	—	—						
										01	7	12	1	0	1	Cu	10-5	+0-8	31-0	39	-3	26	+1	48	0	19	33					
										00	—	06	2	0	0	—	9-5	+0-7	33-7	39	-2	26	+1	31	0	52	81					
										01	8	22	1	1	3	Ac	10-2	+1-3	30-1	37	-3	26	+1	33	0	101	147					
										02	8	14	1	2	5	Cs	10-3	-0-5	28-1	35	-2	24	+1	63	0	351	318					
										02	—	20	2	1	4	—	10-6	+0-7	27-3	35	-2	22	0	69	0	502	379					
										00	—	—	—	0	0	—	10-6	+0-5	29-4	35	-2	23	+1	59	0	441	289					
										03	—	06	1	1	7	—	11-2	+0-1	24-8	36	+2	22	+2	90	0	736	740					
										02	8	20	1	1	4	Ac(c)	10-4	-1-1	25-7	32	-3	21	0	76	0	402	334					
										21	8	32	1	1	5	Fn	—	—	22-5	32	-4	20	+1	83	24	418	315					
										01	8	24	3	1	3	Ac	11-2	-0-4	26-6	33	0	24	+2	79	0	929	844					
										02	—	28	2	6	4	—	11-6	+0-7	24-5	32	-1	21	+1	85	2	1073	1079					
										01	9	00	0	1	4	Ci	11-8	-0-2	25-1	32	-1	20	0	84	0	1084	864					



P. SAID A.P.

23rd

7	7		8	30	7	7	7	4	7	7	6	7	7	7																	
02	33	30	02	31	20	02	20	10	02	00	00	02	36	15	03	01	30	06	03	25	06	25	30	06	22	10	07	25	15	06	01	05	06	30	30	02	23	20
05	01	40	05	33	25	05	25	10	05	05	25	05	36	25	07	02	40	10	01	15	10	25	25	10	25	10	10	16	05	10	01	10	10	01	10	05	25	25
10	34	40	10	32	20	08	26	25	10	01	35	10	03	05	10	03	30	15	02	15	15	28	10	15	02	10	15	10	15	15	31	05	15	09	45	07	26	25
15	33	55	15	34	25	10	27	25	15	36	30	15	15	10	15	04	15	20	04	15	20	35	15	20	01	20	20	10	30	20	00	00	20	09	60			
20	34	65	18	32	30	15	29	15				20	25	10	20	30	05	30	05	25	25	01	25	30	07	25	30	10	25	30	15	15	30	09	55			
23	53	70				20	29	35							25	22	05	34	05	25	30	03	30	40	11	30	33	10	30	40	12	20	40	17	40			
						23	29	55							30	23	15				40	09	45	50	10	25				45	10	25	50	14	30			
						25	30	50							40	26	15				50	10	25	60	12	30							60	18	45			
						29	30	55							50	25	30				60	12	65	69	10	25												
															60	25	30				70	12	30															

	22nd	22nd
	73	+6 24-1 +3-5
	62	-3 22-9 +1-6
	68	+1 21-7 +0-6
	57	+3 21-3 +2-7
		23rd 11-9

23-9	6033	11044	
22-9	6312	11018	

22-9	13-53	-0-24	13-47	-0-31
22-9	10-33	-0-02	10-32	-0-01
23-9	12-44	-0-01	12-164	-0-01
23-9	18-46	+0-34	18-50	+0-32
22-9	17-21	—	17-20	—
22-9	375-74	—	375-72	—
22-9	374-55	-0-60	374-53	-0-64
22-9	14-81	-0-55	14-79	-0-60
22-9	12-90	-0-08	13-10	+0-05
22-9	14-60	-0-58	14-10	-0-53
22-9	140-03	-1-15	140-20	-1-03
23-9	97-09	—	97-09	—
23-9	91-06	-0-78	91-16	-0-73
23-9	18-12	-0-52	18-20	-044

23rd ٢٣

STATIONS	PRESENT WEATHER	CLOUDS	WIND DIR	WIND FORCE	PAST WEATHER	CLOUDS AMT	CLOUDS TYPE	BAR PRESS MSL 1000 mbs	TEMP DRY BULB	TEMP WET BULB	TEMP DEW POINT	TEMP MAX	TEMP MIN	RAIN	SUN		
	ww	N	DD	F	W	N	C	PPP									
Limassol	09	6	08	1	4	2	—	88	-4-0	28	—	32	+2	—	+4	68	0	610	467
Haifa	00	—	22	4	—	0	—	11-0	0-0	27-9	32	+2	24	+4	68	0	559	648	

SHIPS

Printed by the Survey & M... Cairo ... No. 550

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

... SUBSCRIPTION ... POSTAGE ... ABROAD ...

CAIRO

Time of Sunrise 6h 4m
" " Sunset 17h 50m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — شهر سبتمبر ١٩٣٩

1417 F.C.

Isobars, Wind and Temperature at 8 h. 24-9-1939.

1939-9-C4

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

STATION	PRESENT WEATHER ww	VISIBILITY VV	WIND DD	WIND F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	HUMIDITY % UU	PRESENT WEATHER ww	VISIBILITY VV	WIND DD	WIND 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 — SALUM	00	6	04	5	0	0	—	13.0	27.1	87	00	7	20	6	0	0	—	12.0	-3.2	28.8	29	—	21	—	46	0	182		130
MATRUH	00	7	28	3	0	0	—	12.7	27.3	83	00	7	12	1	0	0	—	13.0	-1.8	26.8	28	0	22	+7	69	0	122	160	131
DIKHEILA	01	8	26	3	1	3	Cu	12.6	27.0	77	05	7	20	1	0	1	St	14.2	—	26.5	28	—	22	—	77	0	94		150
ALEXANDRIA	02	9	30	4	2	4	Cu	11.8	28.5	67	01	9	20	1	0	2	Cu	13.8	-1.0	26.9	30	0	24	+2	73	0	166	186	132
DAMIETTA											01	8	28	2	1	2	Ac	12.4	—	26.2	31	—	19	—	79	0	70	107	159
PORT SAID	00	7	28	3	0	0	—	10.3	32.0	66	00	7	20	3	0	0	—	12.4	-0.3	26.0	33	+3	24	+2	79	0	64	81	134
EL 'ARISH	00	7	30	2	0	0	—	10.7	30.2	52	00	7	22	3	0	0	—	12.3	—	26.3	33	—	22	—	76	0	130	93	135
LOWER EGYPT — DAMANHUR											00	8	24	2	0	0	—	13.8	-0.1	27.4	33	+1	20	+2	74	0	29	103	136
MANSURA											00	8	28	2	0	0	—	10.3	—	25.7	35	+2	20	+1	79	0	46	55	137
TANTA	00	7	32	3	0	0	—	10.2	34.0	45	00	7	00	0	0	0	—	13.5	-1.0	25.0	35	+2	19	+1	84	0	41	43	138
ZAGAZIG	00	9	26	2	0	0	—	10.6	35.6	47	00	8	22	1	0	0	—	14.2	—	25.9	36	+4	18	0	85	0	31	29	139
MIDDLE EGYPT (CAIRO) — ALMAZA	00	8	24	3	0	0	—	10.8	35.1	37	05	6	26	1	1	3	Sc	13.9	—	24.5	36	—	20	—	80	0	18		141
EZBEKIYA	00	8	28	1	0	0	—	10.0	37.0	24	01	6	28	1	0	2	St	13.9	+0.2	24.8	38	+6	22	+3	78	0	23	28	—
GIZA	00	8	28	1	0	0	—	9.8	37.0	16	01	7	00	0	0	1	Cu	13.8	-0.2	23.1	38	+7	18	+1	90	0	23	28	—
HELWAN	00	8	26	4	0	0	—	10.0	35.0	15	01	6	30	2	0	2	Cu	13.9	-0.1	24.1	37	+6	21	+2	82	0	26	29	143
SUEZ	00	9	16	1	0	0	—	9.5	35.2	36	02	7	32	1	1	4	Cu	13.8	+0.7	25.8	38	+5	22	+1	73	0	27	18	144
UPPER EGYPT — FAIYUM	00	8	00	0	0	0	—	10.0	38.4	20	00	8	32	2	0	0	—	14.2	+0.3	25.7	40	+7	23	+4	76	0	7	8	153
MINYA	01	8	00	0	0	2	Cu	10.6	37.4	28	00	8	32	3	0	0	—	13.9	+0.6	24.4	38	+7	21	+2	78	0	4	—	154
ASYUT	00	7	26	3	1	0	—	9.8	38.1	17	00	6	30	2	0	0	—	13.0	+0.1	26.5	39	+7	22	+2	63	0	2	4	155
QENA	00	8	20	2	0	0	—	8.6	38.8	26	00	7	24	3	0	0	—	11.1	+0.3	28.7	40	+3	24	+4	50	0	dr	—	156
LUXOR	00	8	10	1	0	0	—	—	39.0	30	00	8	10	1	0	0	—	—	—	29.8	40	—	21	—	55	0	dr	—	157
ASWAN	00	7	28	1	0	0	—	7.2	39.5	24	00	7	00	0	0	0	—	10.7	-0.3	30.0	41	+2	25	+2	39	0	1	—	158
WESTERN DESERT — SIWA	00	8	28	1	0	0	—	12.6	38.2	36	00	8	00	0	0	0	—	—	—	24.9	39	+4	16	-1	84	0	7	8	148
BAHARIYA	00	9	24	4	0	0	—	11.8	38.0	41	00	9	00	0	0	0	—	14.0	—	25.4	38	—	—	—	80	0	1	—	149
KHARGA	00	8	04	1	0	0	—	9.4	40.2	24	00	8	32	1	0	0	—	13.5	+1.2	28.8	40	+4	24	+4	35	0	dr	tr	151
DAKHLA	00	8	04	2	0	0	—	11.2	38.5	54	00	7	28	2	0	0	—	14.2	+1.0	25.2	40	+4	22	+2	66	0	dr	—	152
RED SEA — TOR	00	6	28	2	0	0	—	8.4	32.0	54	00	6	28	4	0	0	—	10.8	-0.1	27.8	36	+5	22	+1	88	0	20	13	145
HURGHADA	00	9	02	2	0	0	—	9.4	32.6	55	00	9	30	4	0	0	—	10.6	-0.4	28.8	36	+4	23	+1	72	0	1		146
QUSEIR	00	7	02	2	0	0	—	9.5	30.4	63	00	7	32	2	0	0	—	10.3	-0.3	31.2	33	+1	27	+2	48	0	tr	6	147
PORT SUDAN											00	—	32	3	0	0	—	9.9	+0.6	35.5	41	+5	26	-2	28	0	81	122	169
NORTH SUDAN — WADI HALFA											01	7	32	2	0	1	Ac	11.7	+0.3	28.2	41	+3	21	0	27	—	—		165
KAREIMA											01	7	04	3	0	2	Ac	10.3	+0.5	33.0	42	0	30	+5	25	0	19	33	166
'ATBARA											00	—	28	2	0	0	—	9.4	+0.6	34.0	41	+1	27	+2	30	0	52	81	167
KHARTUM											03	8	18	2	1	6	Ac,Cu	11.8	+2.9	28.4	43	+3	25	0	63	tr	101	148	168
KASSALA											02	8	16	1	1	5	Cs	11.5	+0.8	26.6	38	+1	23	0	63	0	351	319	170
CENTRAL SUDAN — WAD MEDANI											01	—	20	3	0	4	—	12.3	+2.4	26.2	37	-1	21	-1	72	1	503	381	171
DUEIM											01	—	—	—	1	4	—	11.6	+1.5	26.2	37	0	22	0	81	dr	441	291	173
RENK																												182
ROSEIRES											01	—	18	1	6	4	—	13.1	+2.0	23.8	35	+1	20	0	90	21	757	706	172
EL OBEID											81	8	18	1	8	8	Ac,Cu	13.2	+1.8	23.0	34	-2	22	+1	83	9	411	336	174
EL FASHER											51	8	02	3	9	7	Cu,Sc	—	—	19.5	31	-5	19	0	91	6	424	316	175
GENEINA																		—	—									—	179
KADUGLI																												—	187
S. SUDAN — MALAKAL											03	8	08	3	1	7	Ac,Cu	15.1	+3.5	21.6	29	-4	21	-1	94	12	941	830	176
WAU											01	—	20	2	6	4	—	13.6	+2.7	22.0	33	0	20	0	91	37	1110	1084	177
JUBA											03	9	00	0	1	8	St,Ac	14.5	+2.5	23.6	33	0	20	0	83	0	1084	868	178

UPPER WINDS ON 24th الرياح العليا يوم ٢٤

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

SALUM	MATRUH	DIKHEILA	MAKHAD	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	P.SUDAN
7h m.	7h m.	h. m.	8h m.	8h 30m	7h m.	7h m.	4h m.	7h m.	7h m.	7h m.	6h m.	7h m.	h. m.	7 m.
02.22.20	02.25.10		02.35.35	02.34.10	02.32.25	02.06.05	03.04.25	06.05.25	06.21.25	06.21.55	07.25.35	06.32.15		05.33.10
05.24.25	05.21.10		05.02.60	05.04.15	05.36.30	05.08.15	06.03.60	10.09.25	10.25.25	10.20.15	10.27.25	10.27.05		10.33.15
10.27.20	10.26.05		10.01.50	08.01.25	10.36.25	10.03.20	10.02.50	15.08.35	15.29.15	15.27.15	15.21.20	15.19.20		15.34.20
15.28.30	15.32.15		15.30.10	10.36.25	15.29.20	15.06.05	15.02.55	20.08.30	20.03.30	20.02.05	20.12.25	20.19.25		20.33.25
20.30.25	20.33.30		20.28.15	15.36.35	20.27.20	20.03.15	20.02.60	25.07.30	25.03.30	30.04.30	30.09.45	30.12.15		22.34.25
	25.33.30			20.36.35	30.25.15	25.03.10	30.09.65	30.08.35	30.06.30	40.09.40		40.09.25		
	27.33.45			25.02.30			40.04.75	40.08.35	40.09.35	50.12.35		45.09.35		
				30.01.50				46.08.25	50.11.35	57.12.55				
				35.35.35					60.10.10					
				40.36.40					62.10.15					

Forecast for 24 hours from noon on

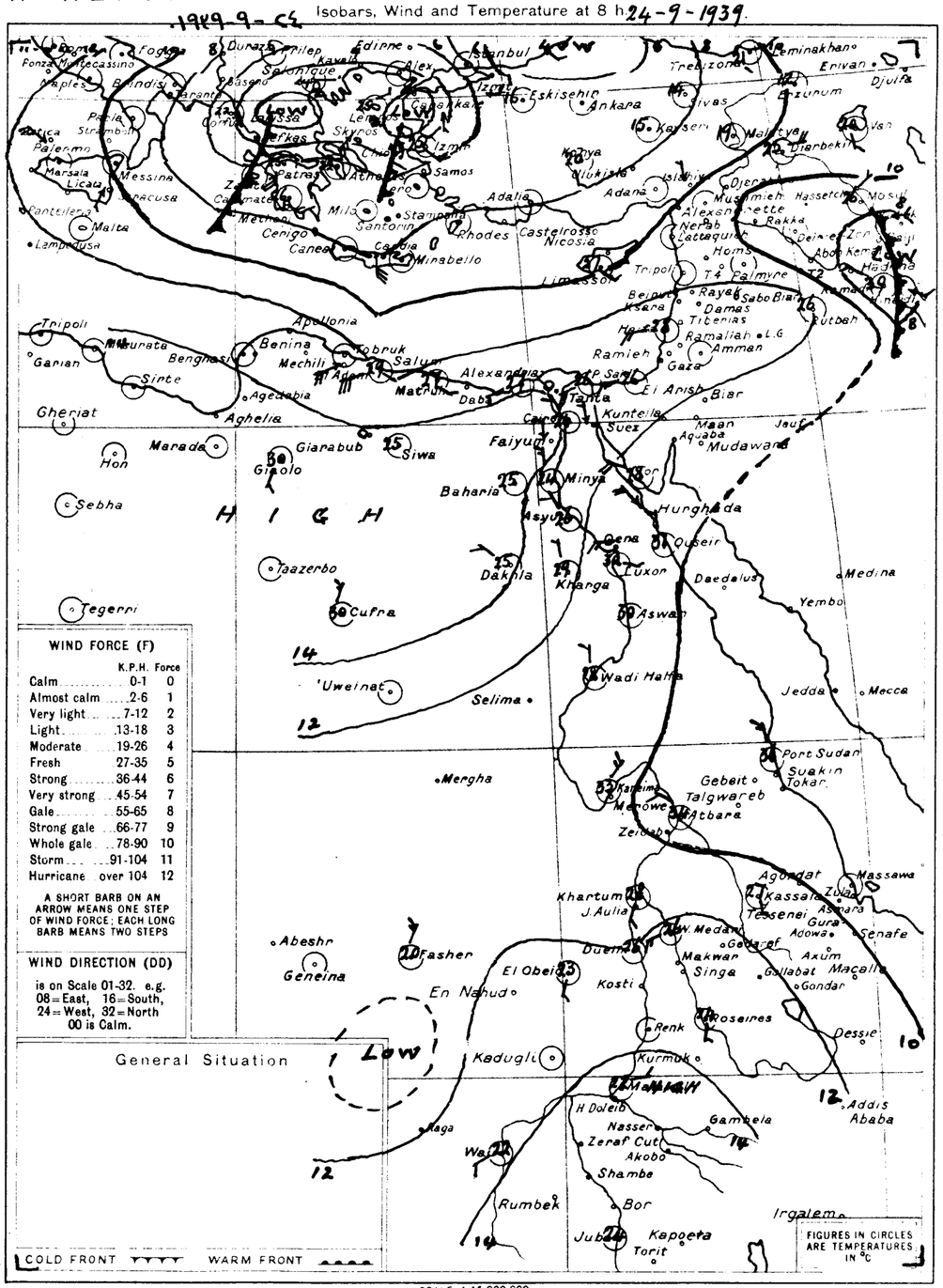
STATION	Mean of day HUMIDITY % on 23rd	Mean of day HUMIDITY % Diff. from normal	Mean of day WET BULB TEMP °C on 23rd	Mean of day WET BULB TEMP °C Diff. from normal
Alexandria	76	+7	23.5	+3.0
Ezbekiya	54	-11	21.8	+0.6
Giza	63	-4	21.2	+0.2
Helwân	48	-6	20.6	+1.5
Giza Grass minimum on	24th		11.6	

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

DATE	1939	1938
24-9	5878	11041
23-9	6033	11044

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	24-9	13.48	-0.28	13.52	-0.24
Nasser	23-9	10.34	-0.03	10.33	-0.02
Malakâl	24-9	12.15	0.00	12.14	-0.01
Roseires	24-9	18.36	+0.30	18.46	+0.34
Sennâr Res.	23-9	17.21	—	17.21	—
J. Aulia U.S	23-9	375.15	—	375.14	—
J. Aulia D.S	23-9	374.62	-0.51	374.55	-0.60
Khartûm	23-9	14.37	-0.44	14.81	-0.55
Kh. el Girba	23-9	12.93	+0.02	12.90	-0.08
'Atbara	24-9	14.02	-0.48	14.01	-0.53
Kajnarti	23-9	139.96	-1.18	140.03	-1.15
Aswân Res.	24-9	97.00	—	97.00	—
Aswân D.S.	24-9	90.95	-0.86	91.06	-0.78
Roda (Cairo)	24-9	17.97	-0.66	18.12	-0.52



STATION	At 8 h. on 24th الساعة ٨ يوم ٢٤ — PRESENT WEATHER ww	VISIBILITY VV	WIND DD	WIND 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	00	7	12	1	0	0	—	9.9	-3.1	27	—	—	—	—	—	0	610	467
Haifa	01	—	22	3	—	3	—	12.2	+1.1	28.4	31	+1	23	+3	63	0	559	648
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
Slight Mist	08
Distant Fog	09
Rain in sight	10
Thunder	11
Distant Thunderstorm	12
Squalls	14
Slight Thunderstorm	15
Rain in past hour	20-29
Slight Thunderstorm	26
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick Fog	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Rain	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
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 44
Sunset 17 49

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

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر

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

STATION	ww (24th)	V	DD	F	W	N	C	PPP	TTT	UU	ww (25th)	V	DD	F	W	N	C	PPP	Diff. from normal	Dry bulb TTT	Max. yesterday MM	Diff. from normal	Min. today	Diff. from normal	Humidity	Rainfall past 24 h	Rainfall (?)	Rainfall (?)	No.
SALUM	00	8	20	7	0	0	—	10.2	38.3	35	09	5	26	5	4	3	St	13.0	-2.3	22.3	39		20		97	0	182		130
MATRUH	00	7	28	1	0	0	—	12.6	37.8	32	00	8	24	3	0	0	—	12.2	-2.6	27.8	38	+10	20	0	63	0	122	160	131
[illegible]	00	8	26	2	0	0	—	13.5	28.1	60	00	8	18	3	0	0	—	13.0	—	28.0	29		23		32	0	94		150
ALEXANDRIA	00	9	28	1	0	0	—	12.7	29.0	57	00	9	20	2	0	0	—	12.3	-2.6	28.0	32	+2	23	+2	32	0	166	186	159
[illegible]											00	8	18	2	0	0	—	12.2	—	26.5	30		20		68	0	70	107	159
[illegible]	01	7	28	3	1	2	Ac	11.9	30.6	62	00	7	18	5	0	0	—	12.3	-0.6	26.2	32	+2	23	+1	67	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	12.2	29.0	69	00	7	00	0	0	0	—	12.8	—	29.2	30		20		46	0	130	93	135
DAMANHUR											00	8	20	4	0	0	—	12.8	-1.3	28.7	34	+2	21	+3	47	0	29	103	136
MANSURA											00	8	16	2	0	0	—	12.7	—	27.5	34	+1	20	+1	57	0	46	55	137
TANTA	00	7	26	2	0	0	—	12.3	34.0	40	00	7	20	2	0	0	—	12.6	-2.0	28.0	35	+2	20	+2	54	0	41	43	138
ZAGAZIG	00	9	26	1	0	0	—	12.6	33.3	56	00	8	22	1	0	0	—	13.6	—	28.6	34	+2	18	0	69	0	31	29	139
ALMAZA	00	8	28	3	0	0	—	12.7	32.1	49	05	6	18	2	0	0	—	13.8	—	29.7	33		22		43	0	18		141
EZBEKIYA	00	8	30	2	0	0	—	12.0	33.6	37	05	5	14	4	0	0	—	13.8	0.0	25.7	35	+3	22	+3	61	0	23	28	
GIZA	00	8	30	2	0	0	—	11.8	33.1	32	00	8	14	4	0	0	—	13.8	-0.3	25.1	34	+3	19	+2	66	0	23	28	
HELWAN	05	6	26	4	0	0	—	12.0	31.8	33	05	5	14	1	0	0	—	14.4	+0.3	24.3	33	+2	23	+4	58	0	26	29	143
SUEZ	00	9	32	3	0	0	—	12.4	32.2	42	00	8	12	2	0	0	—	13.9	+0.7	24.6	34	+1	19	-2	61	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	11.8	33.3	31	00	8	00	0	0	0	—	14.4	+0.5	25.3	35	+2	20	+1	65	0	7	8	153
MINYA	00	8	30	4	0	0	—	12.0	33.3	33	00	7	02	1	0	0	—	14.0	+0.6	26.9	34	+3	21	+2	52	0	4	—	154
ASYUT	00	8	26	3	0	0	—	10.2	35.5	18	00	6	26	3	0	0	—	13.9	+0.9	27.0	36	+4	22	+2	49	0	2	4	155
QENA	00	8	22	2	0	0	—	9.1	36.9	31	00	8	02	1	0	0	—	12.6	+1.6	28.2	38	+1	23	+3	48	0	dr	—	156
LUXOR	00	8	22	2	0	0	—	—	39.8	22	00	8	02	1	0	0	—	—	—	29.2	41		21		50	0	dr	—	157
ASWAN	00	7	26	2	0	0	—	7.9	39.5	24	00	7	32	2	0	0	—	12.7	+1.6	28.8	41	+2	25	+2	48	0	1	—	158
SIWA	00	8	22	1	0	0	—		38.1	48	00	8	00	0	0	0	—	15.9	+1.7	28.0	39	+5	16	-1	57	0	7	8	
BAHARIYA	00	9	32	1	0	0	—	12.8	34.5	21	00	9	00	0	0	0	—	14.6		20.5	36	—	—		70	0	1		149
DAKHLA	00	8	14	2	0	0	—	11.6	38.4	26	00	8	32	2	0	0	—	14.2	+1.8	30.8	38	+2	24	+4	33	0	dr	tr	
KHARGA	00	8	02	4	0	0	—	11.6	35.6	47	00	7	00	0	0	0	—	15.1	+1.8	24.5	36	0	20	0	68	0	dr	—	152
TOR	00	8	28	4	0	0	—	8.8	33.5	58	00	7	32	2	0	0	—	12.3	+1.2	28.0	34	+3	22	+1	57	0	20	13	145
HURGHADA	00	9	32	3	0	0	—	8.8	32.0	59	00	9	32	1	0	0	—	13.5	+2.3	31.1	34	+2	23	+1	48	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	9.3	31.1	71	00	7	32	3	0	0	—	12.4	+1.7	31.0	33	+1	25	0	48	0	tr	6	147
PORT SUDAN											00	—	32	2	0	0	—	11.5	+2.1	36.3	40	+4	26	-2	15	0	81	122	169
WADI HALFA											00	9	02	4	0	0	—	12.4	+0.9	28.1	41	+3	23	+2	27	—	—		165
KAREIMA											02	7	12	3	1	5	Ac,As	11.2	+1.4	33.3	42	0	31	+6	16	dr	79	33	166
ATBARA											00	—	14	5	0	0	—	10.8	+2.0	32.7	42	+2	28	+3	40	0	52	82	167
KHARTUM											01	7	18	4	1	3	Ac,Cu	12.9	+4.0	27.8	40	0	25	0	51	0	101	148	168
KASSALA											01	8	14	2	1	4	Ac,Cu	13.1	+2.4	26.3	37	0	21	-2	65	1	352	321	170
WAD MEDANI											02	—	16	5	1	4	—	13.8	+4.0	24.5	36	-2	22	0	68	0	503	383	17
DUEIM											03	—	—	—	6	7	—	13.9	+3.8	23.6	37	0	21	-1	81	2	443	293	173
RENK																												—	162
ROSEIRES											03	—	22	1	5	7	—	13.9	+2.7	23.9	33	-1	21	+1	86	4	761	751	172
EL OBEID											01	8	20	1	1	4	Ac,Cu	11.8	+0.4	26.0	32	-4	23	+2	69	dr	411	339	174
EL FASHER											02	8	04	3	1	5	Cu,Sc	—	—	22.6	30	-6	22	+3	92	dr	424	317	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL											03	8	08	2	1	6	Ac,As	13.6	+2.1	24.2	30	-3	22	0	92	0	941	855	176
WAU																												1089	177
JUBA											01	8	00	0	1	4	Cu,Cu	14.1	+2.1	25.3	33	0	21	+1	84	0	1084	871	178

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

UPPER WINDS ON 25th

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	MINYA A.P. 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.	P. SAID A.P. 7 h.
02.29.25	02.29.25		02.02.05	02.17.10	02.29.10	02.36.10	03.02.20	06.04.35	06.06.60	06.17.15	07.27.05	06.36.05	06.15.05	01.20.30
05.24.05	05.33.85		05.02.10	05.20.10	05.05.15	05.04.20	06.04.40	10.05.40	10.18.45	10.20.25	10.30.05	10.36.10	10.10.55	05.24.25
10.25.35	09.33.40		10.02.10	08.27.05	10.04.40	15.09.15	10.36.25	15.03.25	15.20.55	15.28.20	15.36.05	15.01.10	15.10.50	10.27.30
15.26.35			15.01.10	10.31.10	15.04.40	20.17.15	15.31.25	20.05.20	20.25.25	20.33.25	20.05.05	20.03.15	20.09.50	15.29.35
17.26.30			20.05.10	15.32.15			20.28.15	25.07.15	25.32.20	30.03.40	23.36.05	30.09.05	30.13.30	20.31.40
				20.33.35			30.22.25	30.09.10	30.02.30	40.08.45		40.03.25	40.17.45	
				25.34.35			40.23.60	40.10.10	40.07.35	50.10.50		50.01.15	50.17.25	
				30.34.35			50.32.15	50.36.05	50.06.45	55.09.45		60.12.20		
				35.34.35			60.01.20	52.01.05	51.06.35			63.12.20		
				40.36.20			70.04.20							

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	68	+1	22.8	+2.4
Ezbekiya	63	-2	22.4	+1.3
Giza	79	+12	21.7	+0.8
Helwan	59	+5	21.2	+2.3

Giza Grass minimum on 25th 11.9°C

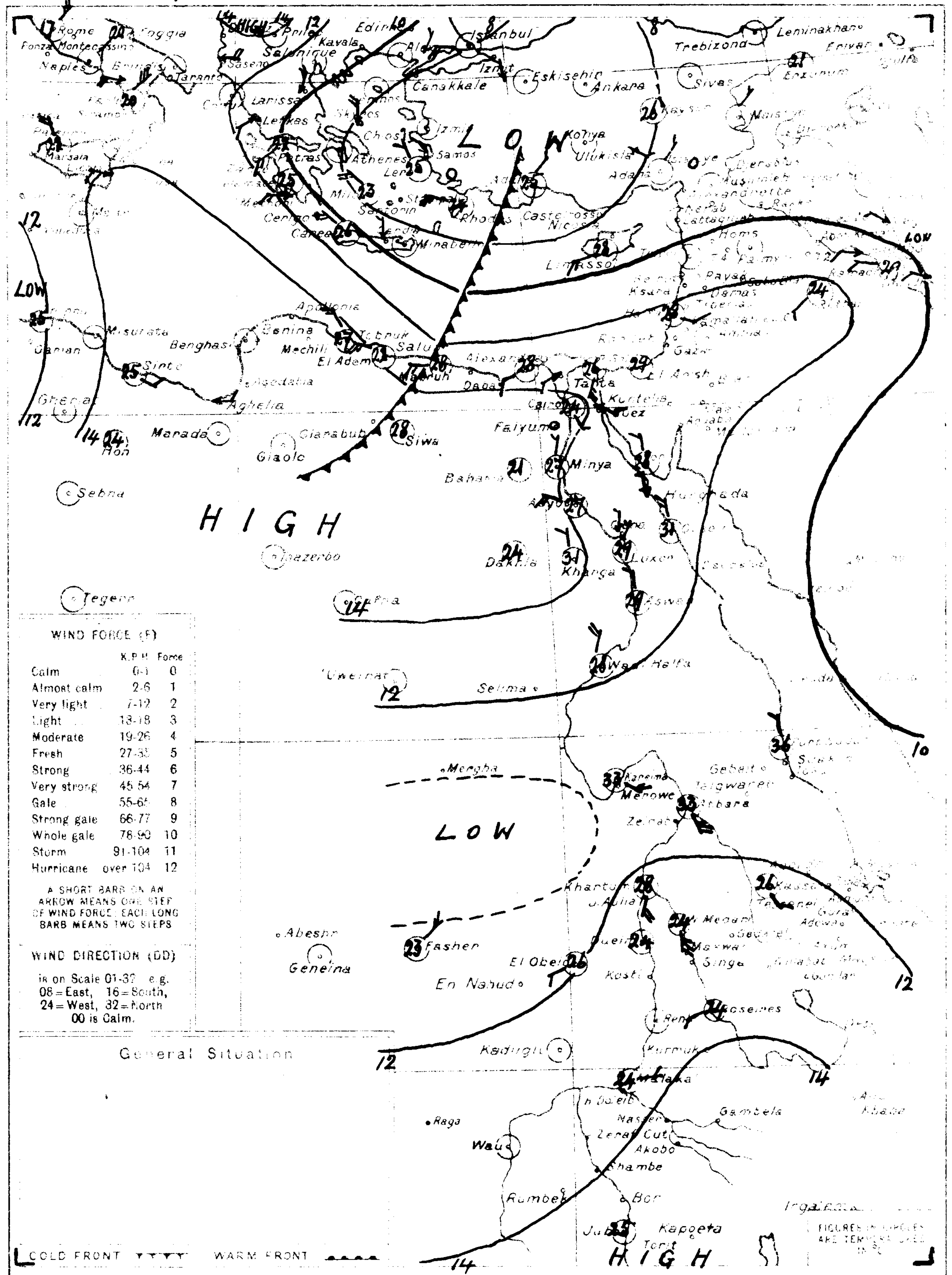
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
24-9	5878	11041
23-9	6033	11044

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	24-9	13.48	-0.28	13.52	-0.24
Nasser	24-9	10.36	-0.01	10.34	-0.03
Malakal	25-9	12.16	0.00	12.15	0.00
Roseires	25-9	18.05	+0.06	18.36	+0.30
Sennar Res	24-9	17.20	—	17.21	—
J. Aulia U.S	23-9	375.75	—	375.74	—
J. Aulia D.S	23-9	374.62	-0.51	374.55	-0.60
Khartum	23-9	14.87	-0.47	14.81	-0.55
Kh. el Girba	23-9	12.93	+0.02	12.90	-0.08
Atbara	24-9	14.02	-0.48	14.01	-0.53
Kajnarti	23-9	137.96	-1.18	140.03	-1.15
Aswan Res.	24-9	97.00	—	97.00	—
Aswan D.S	24-9	90.45	-0.86	91.05	-0.78
Roda (Cairo)	24-9	17.97	-0.66	18.12	-0.52

Printed by the Survey & Mines Dept. 1939 (28) 554

١٩٣٩-٩-٢٥ Isobars, Wind and Temperature at 8 h. 25-9-1939.



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

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. M.S.L. PPP	Diff. from normal	Dry bulb	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity	Rain past 24 h	Rainfall (?)	Rainfall (?)
Limassol	09	7	22	3	0	3	—	9.1	-3.9	28						0	610	467
Haifa	00	—	10	2	—	0	—	13.0	+1.7	27.8	31	+1	22	+1	54	0	559	648

SHIPS

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, ZONE 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

CLOUD AMOUNT

4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
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	Ns
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

CAIRO
Time of Sunrise h 05 m 47
Time of Sunset 17 47

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER سبتمبر — TUESDAY 26th الثلاثاء ٢٦ — 1939-9-26 (١٩٣٩-٩-٢٦)

At 14 h. on 25th (٢٥) | At 8 h. on 26th

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal	Dry bulb	Max yesterday	Diff.	Min today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station No.
[illegible]	00	8	02	5	0	0	—	13.3	28.8	78	03	6	10	2	2	6	Sc	15.6	+0.2	23.5	35		22		99	0	182	—	130
[illegible]	00	7	28	1	0	0	—	12.7	27.8	56	01	7	20	2	1	4	Ac	15.5	+0.6	26.9	28?	+1	20	+1	69	0	122	160	131
[illegible]	00	8	26	4	0	0	—	13.5	28.4	77	01	8	16	1	1	4	Sc	16.0	—	27.4	33		23		73	0	94		150
[illegible]	00	9	28	3	0	0	—	12.8	30.0	63	02	8	00	0	2	4	Cu	15.4	+0.4	28.2	31	+1	23	+2	70	0	166	186	132
[illegible]											00	8	16	1	0	0	—	15.4	—	26.2	37		20	—	82	0	70	107	159
PORT SAID	00	7	26	6	0	0	—	11.4	37.2	33	01	7	18	3	1	3	Cu	14.8	+1.8	26.8	37	+7	24	+2	81	0	64	81	134
EL ARISH	00	7	30	1	0	0	—	11.4	31.5	40	00	7	20	1	0	0	—	15.5	—	27.8	39		24		73	0	130	93	135
DAMANHUR											01	8	08	3	1	2	Cu	15.6	+1.3	27.3	37	+5	21	+3	73	0	29	103	136
MANSURA											00	8	20	1	4	0	—	15.5	—	25.1	38	+5	20	+1	84	0	46	55	137
TANTA	00	7	28	3	0	0	—	11.6	37.0	35	00	7	00	0	0	0	—	15.6	+0.9	25.0	38	+5	20	+2	92	0	41	43	138
ZAGAZIG	00	9	26	2	0	0	—	13.5	39.4	38	00	7	30	1	4	0	—	16.0	—	26.6	40	+8	18	0	90	0	31	29	139
CAIRO ALMAZA	00	8	26	3	0	0	—	10.7	39.9	25	00	7	04	3	0	0	—	15.0	—	26.2	40	—	22	—	73	0	18	—	141
EZBEKIYA	00	9	16	2	0	0	—	11.5	40.0	18	00	6	32	1	0	0	—	15.0	+1.1	25.4	41	+9	22	+3	80	0	23	28	—
GIZA	00	9	16	2	0	0	—	11.5	40.4	20	05	5	04	2	0	0	—	15.1	+0.9	24.6	42	+11	18	+1	87	0	23	28	—
HELWAN	00	7	20	1	0	0	—	11.6	39.9	15	05	6	00	0	0	0	—	15.1	+0.9	24.9	41	+10	22	+3	53	0	26	29	143
SUEZ	00	9	12	2	0	0	—	11.8	38.0	27	00	7	32	2	0	0	—	15.6	+2.3	25.6	39	+6	21	0	72	0	27	18	144
FAIYUM	00	8	02	2	0	0	—	12.3	38.9	23	00	7	32	2	0	0	—	15.4	+1.4	26.0	41	+8	21	+2	72	0	7	8	153
MINYA	00	8	32	2	0	0	—	11.9	37.4	29	00	8	32	1	0	0	—	14.4	+0.9	25.2	38	+7	21	+2	69	0	4	—	154
ASYUT	00	7	22	2	0	0	—	11.1	37.8	21	00	6	22	3	0	0	—	13.9	+0.8	27.2	40	+8	23	+3	48	0	2	4	155
QENA	00	8	22	1	0	0	—	10.6	38.1	29	00	7	32	1	0	0	—	12.2	+1.1	28.8	40	+3	23	+3	34	0	dr	—	156
LUXOR	00	8	30	1	0	0	—	—	39.2	22	00	8	08	1	0	0	—	—	—	28.8	41	—	21	—	62	0	dr	—	157
ASWAN	00	7	26	2	0	0	—	8.7	39.6	30	00	7	32	1	0	0	—	11.8	+0.6	29.0	41	+2	24	+1	29	0	1	—	158
SIWA	00	8	22	1	0	0	—	14.7	42.0	40	00	8	12	1	0	0	—	15.1	+0.8	28.5	43	+9	20	+3	55	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.6	39.0	16	00	9	00	0	0	0	—	15.2	—	27.4	40	—	—	—	47	0	1	—	149
KHARGA	00	8	04	2	0	0	—	12.0	38.7	30	00	8	32	2	0	0	—	14.2	+1.7	31.3	39	+3	21	+1	36	0	dr	tr	151
DAKHLA	00	8	04	3	0	0	—	12.3	37.8	51	00	7	00	0	0	0	—	13.5	+0.1	28.8	40	+4	24	+4	55	0	dr	—	152
RED SEA TOR	00	7	28	2	0	0	—	10.8	31.6	62	00	5	28	5	0	0	—	12.0	+0.8	28.5	33	+2	24	+3	70	0	20	13	145
HURGHADA	00	9	04	2	0	0	—	9.3	33.2	53	00	9	32	3	0	0	—	13.4	+2.1	31.2	34	+2	24	+2	52	0	1	—	146
QUSEIR	00	7	02	3	0	0	—	11.5	32.0	55	00	7	32	3	0	0	—	11.8	+1.0	31.9	33	+1	26	+1	49	0	tr	6	147
PORT SUDAN											00	7	04	3	0	0	—	10.2	+0.7	38.0	40	+4	26	-1	28	0	81	122	169
WADI HALFA											00	8	32	2	0	0	—	11.1	-0.5	27.2	41	+3	20	-1	37	—	—	—	165
KAREIMA											01	7	12	3	1	4	Ac	10.2	+0.4	34.0	42	0	27	+2	31	0	19	34	166
ATBARA											00	—	16	2	6	0	—	10.8	+2.0	34.0	41	+1	28	+3	34	1	53	82	167
KHARTUM											01	8	20	1	1	3	Ci	11.7	+2.8	28.7	38	-2	25	0	58	0	161	149	168
KASSALA											01	8	14	1	0	3	Ci	11.9	+1.3	27.0	36	-2	22	-1	63	0	352	323	170
WAD MEDANI											00	—	18	2	0	0	—	10.4	+0.6	28.3	35	-3	22	0	62	0	503	385	171
DUEIM											01	—	—	—	0	4	—	11.1	+1.1	25.4	33	-4	22	0	78	0	443	294	173
RENK																			—			—		—				—	182
ROSEIRES											01	—	14	1	0	4	—	11.2	+0.2	25.8	31	-3	20	0	79	0	761	756	172
EL OBEID											01	8	16	1	1	4	Cc	10.7	-0.7	25.2	33	-3	21	0	76	0	411	342	174
EL FASHER											01	8	08	2	0	2	Ac	—	—	25.0	33	-3	19	0	55	0	424	316	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL											01	8	32	3	1	3	Ac	11.5	0.0	24.6	32	-1	21	-1	85	dr	941	860	176
WAU											00	—	28	1	6	0	—	11.1	+0.3	24.0	34	0	21	+1	87	1	1111	1094	177
JUBA											01	9	00	0	1	2	Ci	11.3	-0.6	25.8	33	0	21	+1	84	0	1084	875	178

UPPER WINDS ON 26th

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

SALŪM 10 h.	MATRŪH 7 h.	DIKHEILA	MINYA A.P. 7 h.	HELWĀN 8 h. 30 m.	ASYŪT 7 h.	ASWĀN 7 h.	WĀDI HALFA 7 h.	KAREIMA 5 h.	KHARTŪM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKĀL 7 h.	JŪBA 7 h.	P.SAID A.P. 7 h.
020210	021505		020425	023005	020530	050320	030615	061540	062030	061605	071620	060320	063010	022705
050285	052310		053635	050620	050435	100830	070840	101530	102325	102405	101120	100625	101630	050705
100895	091915		100210	080125	100345	150835	100535	151625	152520	150215	150725	150725	151545	103225
1501>100.			150225	103415	150345	200915	200505	201315	202610	200425	200835	200830	201440	153255
202545			200320	153625	200340	250625	252420	231520	250520	300740	230735	301025	301525	173255
252645			250225	203130	250330		302125		300535	401145		401325	401525	201745
302745				232925	300330		402230		330745	431150		431425	500410	
				253035			500310							
				303145			600820							
				353230			700710							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	56	-11	22.1	+1.8
Ezbekiya	49	-16	21.9	+0.8
Giza	57	-10	22.0	+1.1
Helwân	37	-17	19.9	+1.6

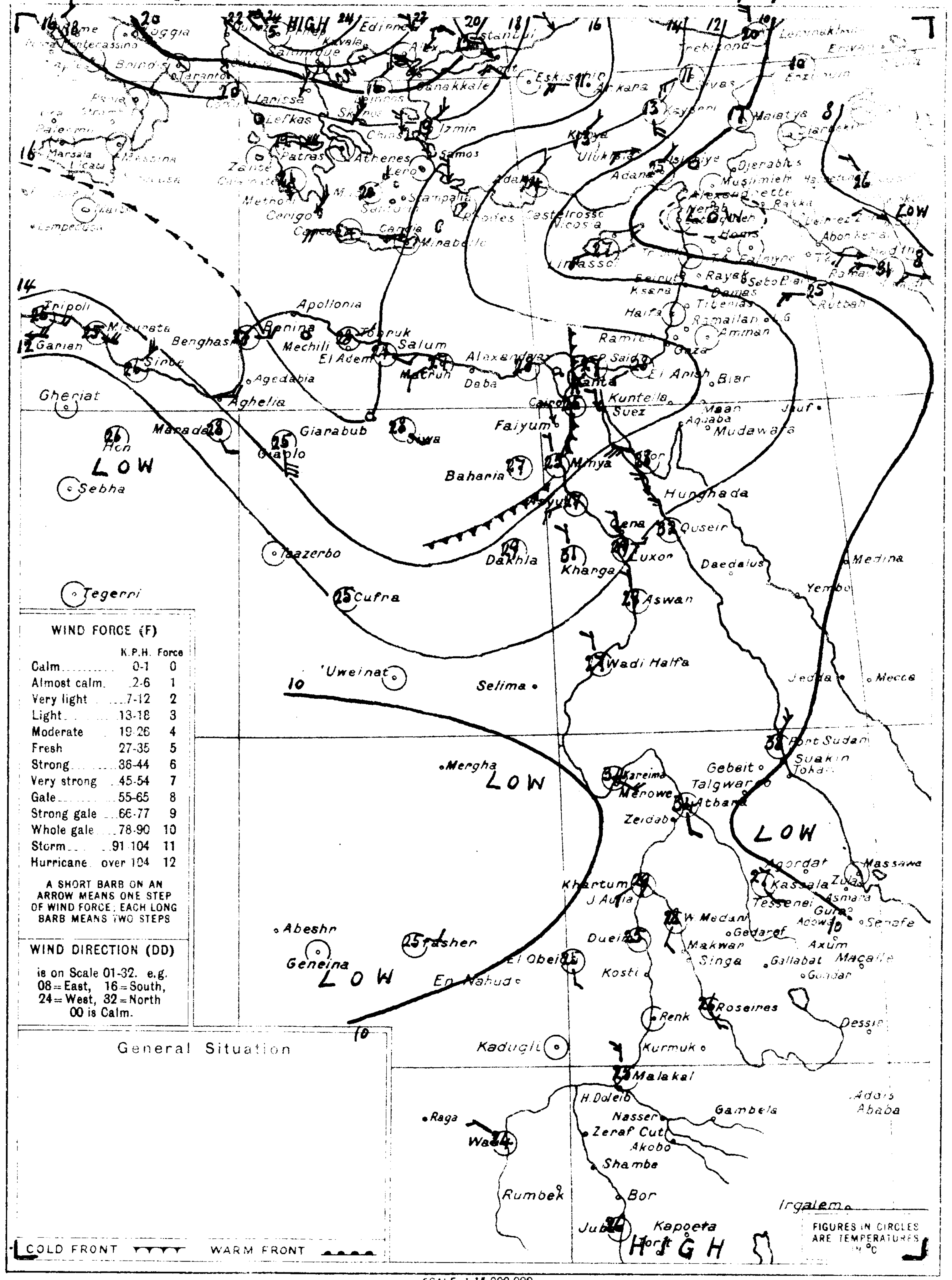
Gîza Grass minimum on 26th 11.7 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
26-9	5894	10214
25-9	5816	10731

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26-9	13.50	-0.25	13.48	-0.27
Nâsser	25-9	10.38	0.00	10.36	-0.01
Malakâl	26-9	12.16	-0.01	12.16	0.00
Roseires	26-9	17.98	+0.06	18.05	+0.06
Sennâr Res.	25-9	17.20	—	17.20	—
J. Aulia U.S.	25-9	375.74	—	375.73	—
J. Aulia D.S.	25-9	374.67	-0.42	374.69	-0.42
Khartûm	25-9	15.06	-0.22	14.97	-0.34
Kh. el Girba	25-9	12.88	+0.13	12.90	+0.08
'Atbara	25-9	14.06	-0.39	14.02	-0.48
Kajnarti	25-9	140.11	-0.89	139.98	-1.09
Aswân Res.	26-9	97.00	—	97.00	—
Aswân D.S.	26-9	90.93		90.90	-0.88
Rôda (Cairo)	26-9	17.76	-0.85	17.86	-0.76

Isobars, Wind and Temperature at 8 h. 26-9-1939.



SCALE 1:15.000.000

At 8 h. on 26th — الساعة ٨ يوم ٢٦

Station	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	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	22	3	0	0	—	11.1	-2.0	27	—	—	—	—	—	0	610	468
Haifa																		648
SHIPS																		

Remarks

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

PRESENT WEATHER (ww)

Thunderstorm	90-99
Showers	80-89

PAST WEATHER (W)

Clear, slight cloud	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)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. m.
" " Sunset 17 46

Month SEPTEMBER 1939 ١٩٣٩ شهر سبتمبر

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 WEDNESDAY 27th الساعة ٨ يوم الأربعاء ٢٧

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	M.S.L. 1000+ mbs. PPP	Diff. from normal in bs.	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	01	8	04	3	1	3	Ac	15.6	26.6	87	02	7	10	5	2	5	Sc	15.0	-0.5	23.4	27	—	23	—	95	0	182	—	130
MATRUH	00	7	32	2	0	0	—	15.4	27.7	67	02	7	08	2	1	5	Cu	14.6	-0.4	26.3	28	+1	20	+1	77	0	122	160	131
DIKHEILA	00	8	30	3	1	0	—	15.6	26.1	80	01	8	08	2	1	2	Sc	16.7	—	25.6	28	—	21	—	77	0	94	—	150
ALEXANDRIA	00	9	30	3	0	0	—	15.4	28.5	67	00	9	12	1	0	0	—	15.6	+0.5	25.2	30	+1	22	+1	76	0	166	186	132
DAMIETTA											01	8	02	1	1	2	Ac	15.4	—	26.0	31	—	22	—	80	0	70	107	159
PORT SAID	00	7	28	4	1	0	—	13.9	31.0	60	01	7	02	2	1	3	Cu,Ac	15.2	+2.2	27.7	32	+2	23	+1	69	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	14.3	28.6	69	00	7	20	1	0	0	—	—	—	26.8	31	—	19	—	78	0	130	93	135
DAMANHUR											01	8	04	3	1	2	Cu	15.8	+1.4	26.2	33	+2	21	+3	76	0	29	103	136
MANSURA											00	8	02	2	0	0	—	15.2	—	26.1	34	+2	22	+3	76	0	46	55	137
TANTA	00	7	00	0	0	0	—	14.4	34.0	45	00	7	00	0	0	0	—	15.4	+0.6	26.0	34	+1	19	+1	80	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	14.0	34.4	60	00	8	02	1	0	0	—	15.9	—	27.4	35	+3	19	+2	81	0	31	29	139
CAIRO ALMAZA	00	8	32	3	0	0	—	13.3	35.6	44	01	7	06	4	0	1	Cs	15.1	—	26.7	—	—	21	—	68	0	18	—	141
CAIRO EZBEKIYA	00	7	02	2	0	0	—	13.3	35.9	33	01	5	04	3	0	1	Ci	15.1	+1.1	25.1	37	+5	22	+3	77	0	23	28	—
CAIRO GIZA	00	7	02	2	0	0	—	13.0	35.7	31	01	6	02	2	0	2	Ci	15.1	+0.9	25.6	36	+5	20	+3	76	0	23	28	—
HELWAN	05	6	30	4	0	0	—	12.2	37.0	14	05	6	00	0	0	2	Cu	14.4	+0.1	24.6	38	+7	21	+2	65	0	26	29	143
SUEZ	00	9	00	0	0	0	—	13.1	37.0	24	00	7	30	2	0	0	—	15.0	+1.6	26.3	39	+6	21	0	65	0	27	18	144
FAIYUM	00	8	30	1	0	0	—	10.2	38.0	29	00	7	02	1	0	0	—	14.7	+0.6	25.8	40	+7	21	+3	70	0	7	8	153
MINYA	00	8	30	3	1	0	—	11.6	38.6	26	00	7	30	1	0	0	—	13.6	0.0	25.5	39	+8	21	+2	71	0	4	—	154
ASYUT	01	8	30	3	1	3	Cu	10.4	39.1	14	00	7	32	3	0	0	—	13.0	-0.2	28.4	40	+8	23	+3	41	0	2	4	155
QENA	00	8	04	2	0	0	—	8.8	41.8	20	00	8	30	1	0	0	—	12.0	+0.8	30.2	43	+6	25	+5	39	0	dr	—	156
LUXOR											00	8	22	1	0	0	—	—	—	28.2	42	—	21	—	52	0	dr	—	157
ASWAN	00	7	24	1	0	0	—	7.4	41.5	—	00	7	32	1	0	0	—	11.1	-0.2	30.5	42	+3	25	+3	24	0	1	—	158
SIWA	00	8	00	0	0	0	0	13.9	41.0	—	02	8	00	0	1	5	Cu	14.6	+0.2	27.5	42	+8	—	—	60	0	7	8	148
BAHARIYA	00	9	08	1	0	0	—	11.0	38.9	14	00	9	32	1	0	0	—	14.2	—	27.3	42	—	—	—	68	0	1	—	149
KHARGA	00	8	04	3	0	0	—	10.7	41.5	25	00	8	32	3	0	0	—	13.5	+0.9	31.8	42	+6	29	+9	37	0	dr	tr	151
DAKHLA	00	7	04	5	0	0	—	11.5	39.8	50	00	7	20	1	0	0	—	13.4	-0.1	28.5	41	+5	25	+6	69	0	dr	—	152
TOR	01	6	28	6	0	1	Cu	—	33.0	43	00	5	28	4	0	0	—	12.7	+1.4	28.0	35	+4	26	+5	78	0	20	13	145
HURGHADA	00	9	02	2	0	0	—	12.0	33.3	54	00	9	30	3	0	0	—	13.1	+1.7	29.8	35	+3	23	+1	62	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	12.4	33.0	44	00	7	32	3	0	0	—	12.0	+1.0	32.0	35	+3	28	+3	44	0	tr	6	147
PORT SUDAN											00	—	24	1	0	0	—	8.2	-1.5	34.8	38	+2	25	-2	39	0	81	122	169
WADI HALFA											01	8	30	3	0	1	Ac	10.3	-1.4	29.5	43	+5	24	+3	34	—	—	—	165
KAREIMA											01	7	32	5	1	2	Ac	9.2	-0.6	35.9	42	0	29	+4	20	dr	19	34	166
ATBARA											00	—	24	2	0	0	—	7.8	-1.0	33.5	41	+1	26	+1	30	0	53	82	167
KHARTUM											01	7	24	1	1	4	Ac,Cs	8.8	-0.1	30.5	40	0	26	+1	48	0	101	150	168
KASSALA											00	8	14	2	0	0	—	9.3	-1.3	28.7	38	0	25	+2	64	0	352	325	170
WAD MEDANI											00	—	22	1	0	0	—	9.5	-0.3	29.0	38	0	22	0	62	0	503	388	171
DUEIM											00	—	—	—	0	0	—	9.4	-0.6	30.4	37	0	23	+1	54	0	443	296	173
RENK																												—	182
ROSEIRES											02	—	14	1	1	4	—	10.2	-0.8	27.3	36	+2	22	+2	72	0	761	761	172
EL OBEID											03	8	22	2	1	8	Ac,Cs	9.5	+1.8	26.1	35	-1	22	+1	69	dr	411	345	174
EL FASHER											01	8	28	3	1	4	Ac	—	—	23.0	34	-2	20	+1	75	0	424	319	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL											03	8	12	4	1	6	Ac	12.6	+1.1	24.0	33	0	22	0	85	0	941	865	176
WAU											02	—	24	1	6	4	—	9.9	-0.9	26.0	34	0	23	+3	80	3	1114	1100	177
JUBA											01	9	00	0	1	4	Ac	11.1	-0.8	26.0	34	+1	21	+1	76	0	1084	878	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.

27th ٢٧

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	MINYA B.P. 8 h.	HELWAN 8 h. 30 m.	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 7 h.	P.SAID A.P. 7 h.
02 12 35	02 11 25		02 05 10	02 02 10	02 36 10	02 03 20	03 03 30	06 06 30	06 32 15	06 19 25	07 28 20	06 09 30	06 27 30	02 08 10
04 10 35	05 10 35		05 04 45	05 07 15	05 07 35	05 03 40	06 03 35	10 03 15	10 31 20	10 17 15	10 24 10	10 08 20	10 11 15	05 07 10
	10 07 55		10 01 35	08 06 20		10 05 65	10 04 40	15 05 10	15 35 05	15 09 20	15 08 05	15 14 05	15 10 35	08 34 10
			15 35 30	10 33 05		15 06 35		20 13 15	20 06 10	20 08 25	18 08 15	20 23 05	20 12 35	10 30 10
			20 35 30	15 33 10		20 04 20		30 15 25	25 07 35	30 07 25		30 11 05	30 13 40	
			25 34 35	20 31 15				33 15 25	30 04 25	40 07 40		39 12 15	40 11 45	
				23 30 20					40 09 55	50 36 20			50 20 45	
				25 30 20					50 10 40	57 34 15			60 21 35	
				30 31 15					57 10 40				70 21 35	
				35 31 25									76 20 40	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Max. of day Humidity 26th	Diff. from normal	Wet bulb temp °C 26th	Diff. from normal
Alexandria	74	+6	23.1	+2.9
Ezbekiya	69	+4	23.5	+2.5
Giza	75	+8	23.4	+2.6
Helwân	52	-2	20.6	+2.3

Giza Grass minimum on 27th 13.0°C

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

DATE	1939	1938
27-9	6018	9930
26-9	5894	10214

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Gaia	26-4	13.50	-0.25	13.48	-0.27
Nasser	26-4	10.39	0.00	10.38	0.00
Malakâl	27-4	12.17	-0.01	12.16	-0.01
Roseires	27-9	17.80	-0.03	17.98	+0.06
Sennâr Res	26-4	17.20	—	17.20	—
J. Aulia U.S	26-4	375.72	—	375.74	—
J. Aulia D.S	26-4	374.76	-0.31	374.67	-0.42
Khartûm	27-4	14.94	-0.26	15.00	-0.23
Kh. el Girba	26-4	12.86	+0.18	12.88	+0.13
Atbara	27-9	14.14	-0.21	14.14	-0.26
Kajnarti	26-9	140.23	-0.71	140.11	-0.89
Aswân Res.	27-4	97.20	—	97.00	—
Aswân D.S.	27-4	91.00	-0.70	90.93	-0.81
Roda (Cairo)	27-4	17.09	-0.91	17.76	-0.85

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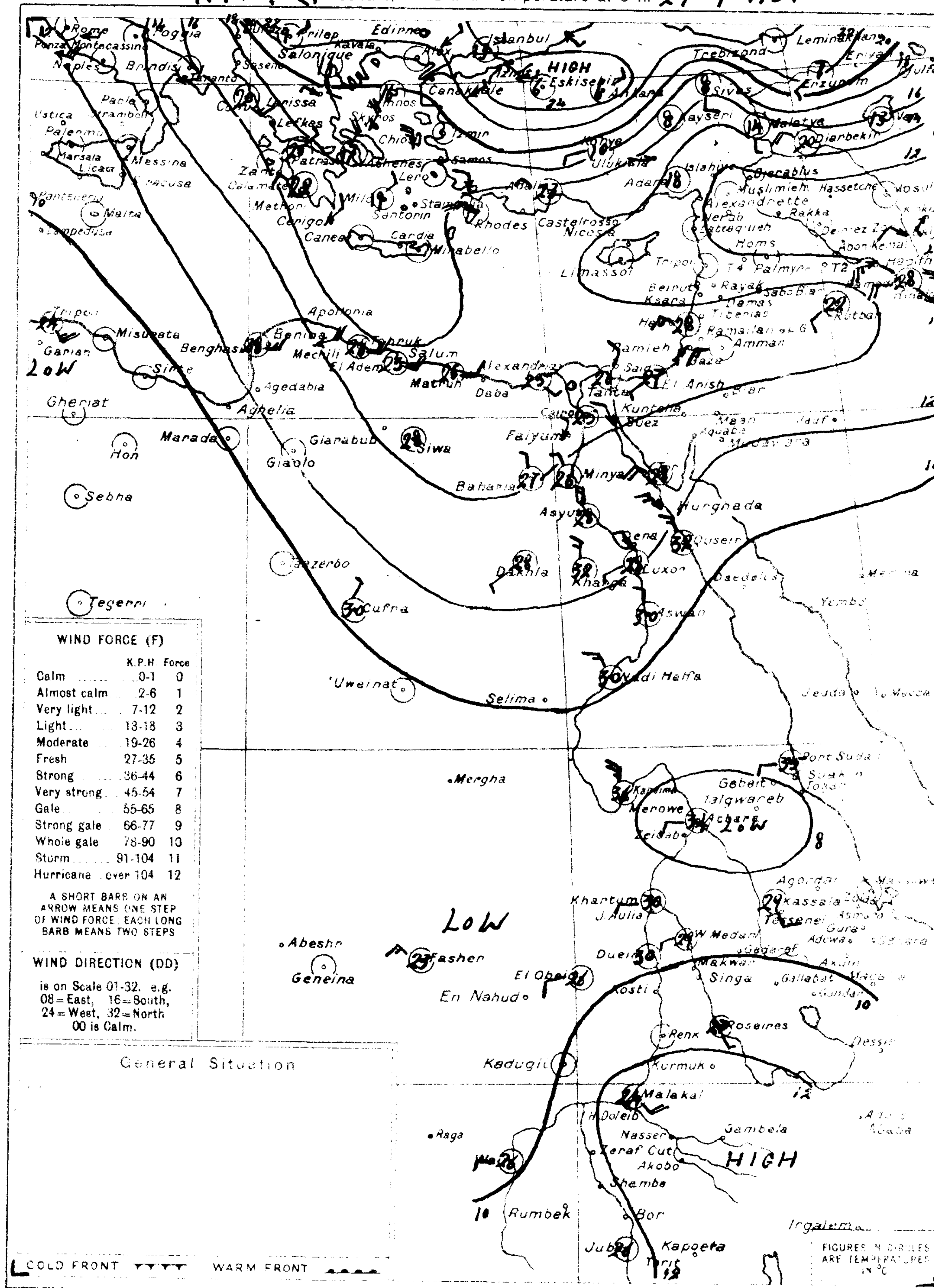
١٩٣٩-٩-٢٧ Isobars, Wind and Temperature at 8 h. 27-9-1939



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 ▲▲▲▲

STATION مرصد	At 8 h. on 27th ٢٧ الساعة ٨ يوم — 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 Haifa	01	—	26	3	—	3	—	15.8	+4.5	27.7	30.0		23	+3	53	0	559	468 648
SHIPS سفن																		

Remarks

Read Salum pilot on 26 as follows:

05 02 10
10 13 10
15 25 35

others no change

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
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

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

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

CAIRO
Time of Sunrise 05 h 46 m
Time of Sunset 17 h 44 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — ١٩٣٩ شهر سبتمبر

STATION	At 14 h. on 27th ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h. on THURSDAY 28th 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	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	01	8	06	5	1	3	Ac	13.1	25.9	93	01	7	18	7	2	3	Ac	9.9	-5.7	27.3	27	—	23	—	57	0	182	—	130
MATRUH	01	7	04	4	1	4	Ac	14.8	27.4	69																	122	160	131
DIKHEILA	01	7	02	4	0	3	Ac	15.5	28.0	64	00	8	12	3	0	0	—	13.9	—	25.9	30	—	20	—	73	0	94	—	150
ALEXANDRIA	01	9	02	4	2	3	Cu	15.0	30.8	53	00	9	12	6	0	0	—	12.8	-2.4	23.7	32	+3	22	+1	72	0	166	186	132
DAMIETTA											00	8	08	2	0	0	—	13.6	—	27.5	29	—	24	—	79	0	70	107	159
PORT SAID	01	7	30	6	1	2	Ac	15.1	29.6	64	00	7	04	5	0	0	—	13.9	+0.8	27.9	31	+1	25	+3	70	0	64	81	134
EL ARISH	00	7	30	3	0	0	—	15.2	28.5	72	00	7	00	0	0	0	—	14.6		25.2	31	—	18?	—	74	0	130	93	135
DAMANHUR											00	8	10	4	0	0	—	13.6	-0.9	26.2	31	0	20	+3	66	0	29	103	136
MANSURA											00	8	08	1	0	0	—	13.6	—	25.2	33	+1	20	+1	69	0	46	55	137
TANTA	00	7	02	2	0	0	—	14.4	33.0	44	00	7	00	0	0	0	—	13.3	-1.7	25.5	34	+1	20	+2	69	0	41	43	138
ZAGAZIG	00	9	30	1	0	0	—	14.6	33.8	63	00	8	06	2	0	0	—	13.9	—	26.8	34	+2	19	+2	74	0	31	29	139
CAIRO: ALMAZA	00	8	02	5	0	0	—	13.4	35.0	43	05	5	00	0	0	0	—	13.8	—	27.3	35	—	21	—	61	0	18	—	141
CAIRO: EZBEKIYA	00	7	32	2	0	0	—	13.4	35.2	40	00	5	00	0	0	0	—	13.4	-0.8	25.1	36	+4	20	+1	66	0	23	23	--
CAIRO: GIZA	00	7	32	2	0	0	—	13.1	34.8	33	00	7	00	0	0	0	—	13.4	-0.9	23.5	35	+4	17	0	79	0	23	28	--
HELWAN	00	8	02	5	0	0	—	12.2	36.1	20	05	5	00	0	0	0	—	13.5	-0.9	26.1	39	+8	22	+3	54	0	26	29	143
SUEZ	00	9	32	3	0	0	—	11.9	34.2	32	00	8	00	0	0	0	—	13.9	+0.4	25.4	36	+3	20	-1	68	0	27	18	144
FAIYUM	00	8	02	1	0	0	—	12.2	37.7	29	00	7	00	0	0	0	—	13.5	-0.7	27.7	40	+8	19	+1	51	0	7	8	153
MINYA	00	8	30	1	0	0	—	11.4	38.6	25	00	8	30	1	0	0	—	13.0	-0.8	27.4	39	+8	21	+2	54	0	4	—	154
ASYUT	00	8	22	2	1	0	—	10.6	39.2	17	00	6	22	2	0	0	—	12.6	-0.7	29.5	40	+8	24	+4	40	0	2	4	155
QENA	00	8	02	1	0	0	—	9.3	40.8	18	00	8	28	1	0	0	—	11.8	+0.5	28.7	43	+6	24	+4	44	0	dr	—	156
LUXOR	00	8	02	2	0	0	—	—	40.5	—	00	8	22	1	0	0	—	—	—	29.2	42	—	21	—	54	0	dr	—	157
ASWAN	00	7	04	1	0	0	—	6.4	42.3	10	00	7	02	2	0	0	—	11.1	-0.3	30.2	44	+5	26	+4	20	0	1	—	158
SIWA	00	8	22	1	0	0	—	13.4	42.0	22	00	8	00	0	0	0	—	14.4	-0.1	27.9	42	+8	—	—	54	0	7	8	148
BAHARIYA	00	9	00	0	0	0	—	11.1	40.0	17	00	9	00	0	0	0	—	—	—	27.0	42	—	—	—	58	0	1	—	149
KHARGA	00	8	04	3	0	0	—	10.6	42.4	24	00	8	32	1	0	0	—	13.3	+0.6	32.8	42	+6	26	+6	39	0	dr	tr	151
DAKHLA	00	8	06	3	0	0	—	10.7	40.0	50	00	7	00	0	0	0	—	13.3	-0.3	25.9	42	+7	21	+2	61	0	dr	—	152
TOR	01	6	28	2	0	1	Cu	10.8	31.5	64	01	5	28	3	0	1	Cc	12.2	+0.8	28.0	32	+2	27	+6	85	0	20	13	145
HURGHADA	00	9	32	2	0	0	—	11.1	35.0	42	01	9	30	3	1	3	St	12.7	+1.2	30.5	36	+4	22	0	59	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	11.1	33.0	44	01	7	32	3	0	1		12.0	+0.9	32.0	34	+2	28	+3	45	0	tr	6	147
PORT SUDAN											03	—	30	3	3	7	—	9.9	+0.1	35.5	38	+2	27	0	36	0	81	122	169
WADI HALFA											00	8	32	4	0	0	—	10.3	-1.5	29.9	43	+5	24	+3	25	—	—	—	165
KAREIMA											01	7	02	2	0	2	Ac	9.5	-0.4	33.9	43	+1	28	+3	18	0	19	34	166
ATBARA											00	—	08	2	0	0	—	9.4	+0.5	34.0	43	+3	28	+3	29	0	53	82	167
KHARTUM											01	8	20	2	1	4	Ac Cc	9.6	+0.7	32.0	43	+3	29	+4	43	0	101	150	168
KASSALA											01	8	14	3	0	3	Ci	10.3	-0.2	29.0	39	+1	25	+2	64	0	352	327	170
WAD MEDANI											00	—	18	4	0	0	—	10.8	+1.1	27.5	38	0	22	0	62	0	503	390	171
DUEIM											00	—	—	—	0	0	—	10.2	+0.3	28.6	37	0	22	0	57	0	443	296	173
RENK																												—	182
ROSEIRES											01	—	14	1	6	3	—	11.4	+0.4	25.8	36	+2	21	+1	82	12	773	766	172
EL OBEID											03	8	20	3	1	8	Ac Cs	10.7	-0.6	26.1	36	0	23	+2	69	0	411	348	174
EL FASHER																												319	175
GENEINA																												—	179
KADUGLI																												--	187
MALAKAL											03	8	18	3	2	8	St	13.0	+1.6	23.1	31	-2	23	+1	95	1	942	870	176
WAU											02	—	24	1	6	4	—	11.6	+0.8	21.0	33	-1	19	-1	95	51	1165	1105	177
JUBA											03	9	00	0	2	6	As	13.1	+1.2	24.2	34	+1	21	+1	83	9	1093	882	178

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	CAIRO	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL	JUBA 7 h.	P. SAID A.P. 7 h.
02 21 45	02 23 15			05 11 20	02 06 20	02 01 15	03 04 20	06 05 20	06 23 35	06 19 20	07 27 30		06 25 20	02 10 30
05 24 45	05 28 25			10 10 10	05 06 65	05 02 20	06 05 45	10 05 45	10 24 50	10 23 20	10 28 40		10 24 15	05 10 25
10 23 45				20 36 00	10 06 45	10 03 30	10 03 30	15 05 50	15 26 35	15 20 05	15 33 15		15 12 35	10 13 10
15 24 65				30 33 05	15 06 40	15 08 45	15 36 25	20 06 45	20 33 05	20 10 15	19 04 10		20 14 70	13 17 05
17 24 80				40 01 10	20 06 30	20 09 10	20 34 25	30 10 05	25 08 05	30 05 25			30 14 40	14 31 05
				50 36 10	25 05 25		30 26 25	33 10 30	30 06 30	40 09 20			40 16 45	16 32 10
				60 22 25	30 05 25		39 23 30		37 07 15	50 11 35			44 19 45	
				70 25 25										
				80 24 15										
				90 23 20										
				97 27 30										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	64	-4	22.3	+2.1
Ezbekiya	60	-5	23.0	+2.1
Giza	62	-5	22.6	+1.9
Helwân	55	+1	20.7	+2.5

Gîza Grass minimum on 28th 9.9 °C

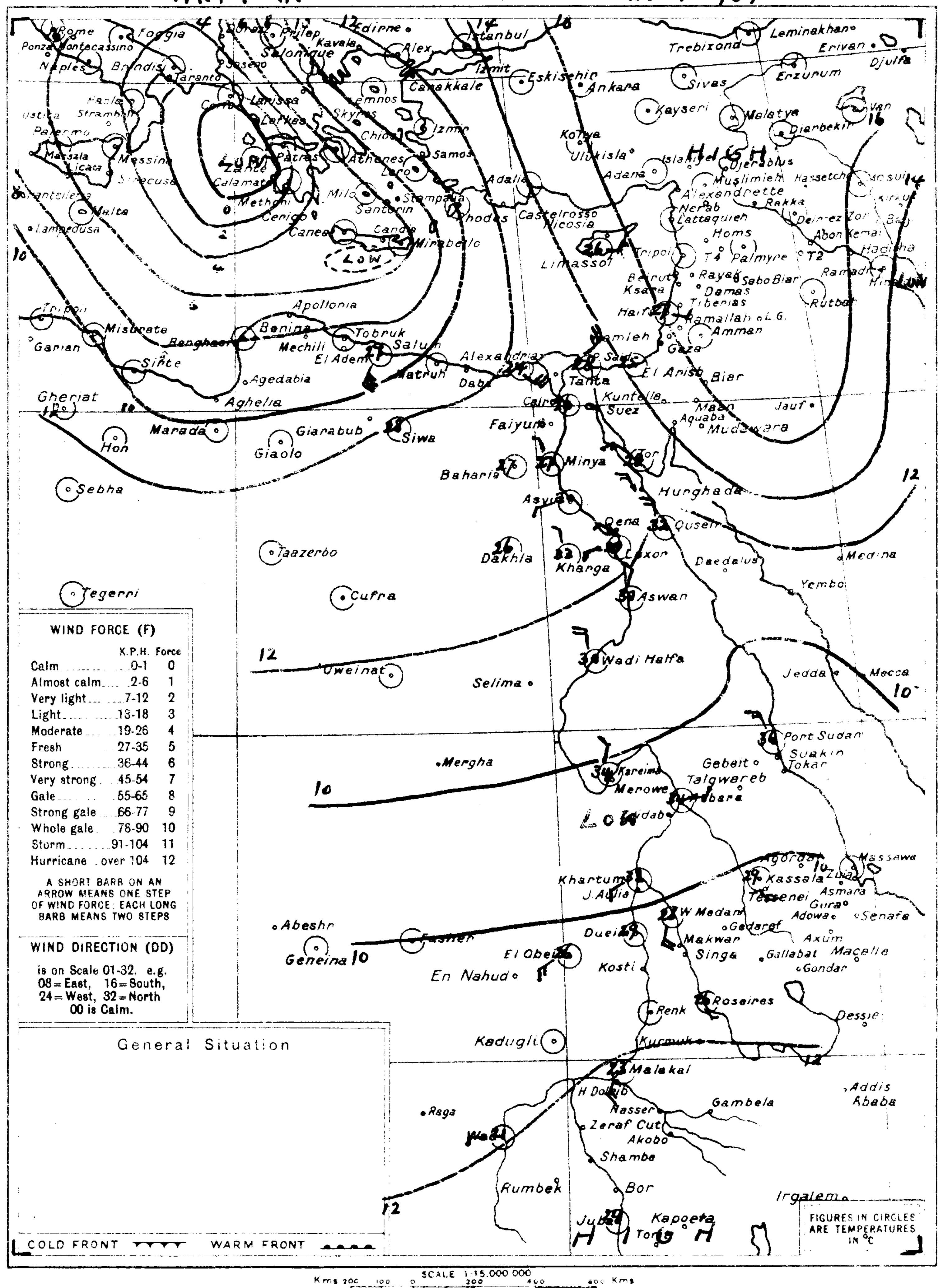
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
28-9	6235	9407
27-9	6018	9930

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	26-9	13.50	-0.25	13.48	-0.27
Nasser	26-9	10.39	0.00	10.38	0.00
Malakal	28-9	12.16	-0.02	12.17	-0.01
Roseires	28-9	17.68	-0.07	17.80	-0.03
Sennar Res.	27-9	17.20	—	17.20	—
J. Aulia U.S	27-9	375.69	—	375.72	—
J. Aulia D.S	27-9	374.73	-0.32	374.76	-0.31
Khartum	27-9	14.94	-0.26	15.00	-0.23
Kh. el Girba	27-9	12.83	+0.21	12.86	+0.18
Atbara	28-9	14.10	-0.19	14.14	-0.21
Kajnarti	27-9	140.26	-0.62	140.23	-0.71
Aswan Res.	28-9	97.00	—	97.00	—
Aswan D.S	28-9	91.15	-0.52	91.00	-0.70
Roda (Cairo)	28-9	17.62	-0.95	17.69	-0.91

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

Isobars, Wind and Temperature at 8 h. 28-9-1939. — ٢٨-٩-١٩٣٩



STATION محطة	At 8 h. on 28th 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	Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	08	2	0	0	—	14.6	+1.2	26	—	—	—	—	—	0	610	468
Haifa	00	—	10	2	—	0	—	15.6	+3.9	26.9	30	0	21	+1	55	0	559	648
Limassol 27th	00	7	08	1	0	0	—	13.5	+0.1	26	—	—	—	—	—	0	610	468

SHIPS سفن

(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
Squally	[illegible]
Slight Duststorm	[illegible]
Thick	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Snow	70-79
Showers	80-89
of Snow	82-84
of Sleet	85-86
of Hail	88-89
Thunderstorm	90-99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. 5 m. 46
" " Sunset 17 43

Month SEPTEMBER 1939 سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 28th (الساعة ١٤ يوم ٢٨) — At 8 h. on FRIDAY 29th (الساعة ٨ يوم الجمعة ٢٩)

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	TTT Dry Bulb	MM Max. yesterday	Diff. from norm.	mm Min. today	Diff. from norm.	UU % Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station number
Salum	18	4	18	8	3	7	Hs	7.2	38.5	36	02	7	30	5	2	5	Ac	11.6	-4.1	23.8	39	—	23	?	78	dr	182	—	130
Matruh	18	1	20	4	3	9	—	9.5	40.0	22	05	7	24	2	3	4	Cb	11.1	-4.1	27.3	—	—	26	+7	89	0	122	160	131
Dabaa	01	8	28	1	0	1	Cu	12.3	39.6	64	02	8	14	3	1	5	Ac	10.4	—	30.7	40		22		14	0	94	—	150
Alexandria	01	7	24	1	2	3	Cu	10.8	37.3	22	02	8	00	0	2	5	Cu	9.3	-6.0	29.5	40	+11	23	+2	24	0	166	186	132
Damietta											01	8	12	1	1	4	Cs	10.2	—	31.5	33		23		55	0	70	107	159
Port Said	00	7	02	3	0	0	—	11.6	30.3	67	01	7	30	2	1	3	Cc	10.8	-2.4	31.9	32	+3	25	+3	41	0	64	81	134
El Arish	00	7	04	3	0	0	—	14.2	30.8	60	12	6	12	1	0	0	—	10.7	—	31.8	32		20		30	0	130	93	135
Damanhur											01	7	12	1	1	2	Cs	10.6	-4.0	29.9	40	+9	22	+4	41	0	29	103	136
Mansura											01	8	12	1	1	3	Sc	10.2	—	27.8	39	+7	21	+3	58	0	46	55	137
Tanta	00	7	14	3	0	0	—	10.8	39.5	25	00	7	00	0	0	0	—	10.2	-4.9	28.0	40	+8	18	0	57	0	41	43	138
Zagazig	00	9	30	2	0	0	—	11.5	40.3	36	00	8	30	1	0	0	—	10.6	—	31.8	41	+9	19	+2	55	0	31	29	139
Cairo Almaza	01	7	28	3	0	1	Cu	11.8	39.8	28	01	8	10	3	0	1	Ci	10.2	—	31.5	40		26		46	0	18	—	141
Cairo Ezbekiya	01	7	00	0	0	2	Cu	11.1	41.4	15	01	8	14	3	0	3	Ci	10.3	-4.0	29.6	43	+11	25	+6	28	0	23	28	—
Cairo Giza	01	7	00	0	0	2	Cu	11.1	41.7	16	01	8	14	3	0	3	Ci	10.6	-3.8	27.9	43	+12	23	+6	36	0	23	28	—
Helwan	01	8	24	2	0	2	Cu	10.6	40.0	09	01	6	00	0	0	2	Ci	11.1	-3.4	30.6	41	+10	26	+7	18	0	26	24	143
Suez	01	9	16	1	0	1	Cu	11.5	36.6	23	00	8	00	0	0	0	—	11.4	-2.2	29.0	39	+6	21	0	52	0	27	18	144
Fayum	00	8	00	0	0	0	—	11.2	40.4	14	00	7	00	0	0	0	—	11.0	-3.2	29.3	43	+11	20	+2	33	0	7	8	153
Minya	00	8	28	2	0	0	—	10.7	40.7	22	00	9	30	1	0	0	—	10.7	-3.2	27.7	41	+10	21	+2	59	0	4	—	154
Asyut	00	8	28	2	0	0	—	9.8	40.0	34	00	6	14	1	0	0	—	11.5	-1.9	32.0	42	+10	23	+3	38	0	2	4	155
Qena	00	8	22	2	0	0	—	10.2	38.5	33	00	8	22	2	0	0	—	10.4	-1.1	29.0	41	+4	24	+4	40	0	dr	—	156
Luxor	00	8	10	1	0	0	—	—	42.2	—	00	8	08	1	0	0	—	—	—	30.2	44		22		52	0	dr	—	157
Aswan	00	7	32	2	0	0	—	7.1	41.3	13	00	7	00	0	0	0	—	11.0	-0.5	32.2	43	+4	26	+4	35	0	1	—	158
Siwa	00	8	22	2	0	0	—	11.1	41.0	26	00	8	00	0	0	0	—	12.8	-1.8	32.0	42	+8	19	+2	53	0	7	8	148
Bahariya	00	9	00	0	0	0	—	10.8	40.0	17	00	9	00	0	0	0	—	10.0	—	26.0	41		—		36	0	1	—	149
Kharga	00	8	04	1	0	0	—	11.6	41.8	27	00	8	00	0	0	0	—	11.2	-1.6	30.4	42	+6	23	+3	34	0	dr	Tr	151
Dakhla	00	8	28	2	0	0	—	11.0	37.5	26	00	7	28	1	0	0	—	12.8	-0.9	—	42	+7	21	+2	63	0	dr	—	152
Tor	01	6	28	2	0	1	Cu	11.2	32.0	72	00	8	16	1	0	0	—	10.2	-1.4	27.0	37	+7	20	-1	74	0	20	13	145
Hurghada	00	9	04	2	0	0	—	10.6	36.5	38	00	9	30	3	0	0	—	10.7	-1.0	33.9	37	+5	23	+2	35	0	1	—	146
Quseir	00	7	32	3	0	0	—	11.0	33.0	44	00	7	32	1	0	0	—	9.7	-1.3	34.0	34	+2	27	+2	20	0	tr	6	147
Port Sudan											00	—	30	2	0	0	—	9.5	-0.4	33.7	37	+1	25	-2	49	0	81	12[illegible]	169
Wadi Halfa											00	8	02	2	0	0	—	10.8	-1.0	29.2	42	+4	22	+1	29	—	—	—	165
Kareima											00	7	32	3	1	0	—	10.1	+0.2	34.1	44	+2	29	+4	10	0	19	34	166
Atbara											00	—	08	2	0	0	—	9.4	+0.5	33.6	43	+3	26	+1	26	0	53	[illegible]	167
Khartum											03	7	18	3	1	7	Cs	10.3	+1.4	29.7	43	+3	28	+3	53	dr	101	151	168
Kassala											01	8	18	2	1	4	Ac,Ci	10.6	+0.1	28.4	37	+1	25	+2	63	0	352	327	170
Wad Medani											02	—	20	4	0	4	—	10.7	+1.0	29.0	37	-1	24	+2	57	0	503	392	171
Dueim											02	—	—	—	0	4	—	11.1	+1.2	28.4	38	0	23	+1	64	0	443	279	173
Renk																												—	182
Roseires											02	—	14	1	6	4	—	11.9	+1.0	25.2	36	+2	20	0	81	18	791	771	172
El Obeid											02	8	16	1	1	5	Ac,Ci	10.4	-0.9	26.6	34	-2	23	+2	69	0	411	350	174
El Fasher											01	8	28	1	1	3	Ac,Ci	—	—	22.7	32	-4	20	+1	75	dr	431	320	175
Geneina											01	8	00	0	1	3	Ac,As	—	—	21.2	30	—	18	—	91	0	473	—	179
Kadugli																												—	187
Malakal											01	8	02	3	1	4	Ac	13.0	+1.6	25.6	30	-3	22	0	81	dr	942	875	176
Wau											00	—	24	1	1	0	—	11.4	+0.6	25.0	32	-2	20	0	84	0	1165	1110	177
Juba											02	9	00	0	1	5	Cs	13.3	+1.4	24.4	32	-1	21	+1	91	0	1093	836	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 degreee. VV is Velocity in kilometres per hour.

UPPER WINDS (الرياح العليا)

Salum	Matruh	D. Kheila	Cairo	Helwan	Asyut	Aswan	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba	MINYA R.B.
7 h.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	4 h.	4 h.	5 h.	7 h.	7 h.	6 h.	7 h.	8 h.
023440							030115	060330	062640	061820	072025	061315	060105	020610
353240							063535	100430	102630	102525	102410	101910	101420	050505
103540							103535	150625	152410	153215	151710	151010	151640	100305
113425							153220	200820	202305	200215	200915	200325	201935	150310
132110							203220		240525	271215	280340	300520	302135	202205
152325							292825					400730	402940	252105
202760												500750	502725	302010
[illegible]2535												530740		
352735														
402435														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 28th	Diff. from normal	Wet Bulb Temp °C on 28th	Diff. from normal
Alexandria	49	-14	21.0	+0.8
Ezbekiya	46	-19	21.6	+0.3
Giza	58	-9	21.4	+0.8
Helwan	30	-24	19.0	+0.7

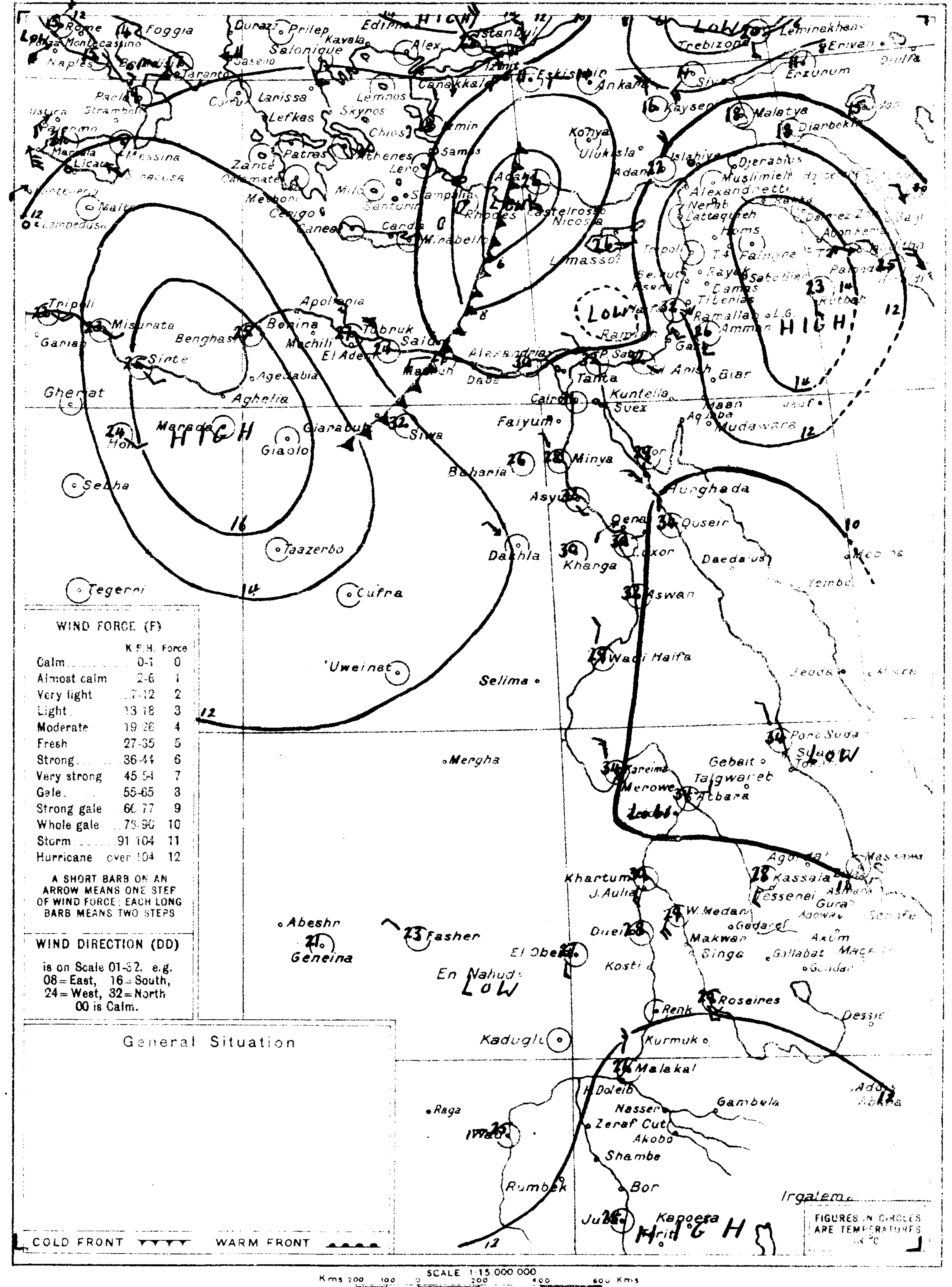
Giza Grass minimum on 29th 10.8°C

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

DATE	1939	1938
29-9	6266	9459
28-9	6235	9407

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	28-9	13.55	-0.19	13.52	-0.23
Nasser	27-9	10.41	+0.01	10.39	0.00
Malakal	28-9	12.16	-0.02	12.17	-0.01
Roseires	28-9	17.68	-0.07	17.80	-0.03
Sennar Res.	29-9	17.20	—	17.20	—
J. Aulia U.S.	27-9	375.69	—	375.72	—
J. Aulia D.S.	27-9	374.73	-0.32	374.76	-0.31
Khartum	27-9	14.94	-0.26	15.00	-0.23
Kh. el Girba	27-9	12.83	+0.21	12.86	+0.18
Atbara	28-9	14.10	-0.19	14.14	-0.21
Kajnarti	29-9	140.10	-0.65	140.17	-0.67
Aswan Res.	29-9	97.00	—	97.00	—
Aswan D.S.	29-9	91.16	-0.46	91.15	-0.52
Roda (Cairo)	28-9	17.62	-0.95	17.69	-0.91

Isobars, Wind and Temperature at 8 29-9-39 (٢٩-٩-٣٩)



At 8 h. on 29th (الساعة ٨ يوم ٢٩)

STATION (مرصد)	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	03	6	08	7	2	7	—	9.9	-3.6	26	—	—	—	—	—	0	610	468
Haifa	00	—	30	3	—	0	—	12.0	+0.2	31.8	32	+2	25	+6	51	0	559	648
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

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

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 27
" " Sunset 17 42

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

DAILY WEATHER REPORT

Month SEPTEMBER 1939 — 1939 شهر سبتمبر

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

STATION	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)	°C TEMP. (14h)	%HUMIDITY (14h)	STATION NUMBER	PRESENT WEATHER (8h)	VISIBILITY (8h)	WIND Dir. (8h)	WIND Force (8h)	PAST WEATHER (8h)	CLOUD Amount (8h)	CLOUD Form (8h)	BAR. PRESSURE M.S.L. 1000+ mbs. (8h)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (8h)	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	%HUMIDITY (8h)	RAINFALL Past 24 hrs mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	U		ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		U				
MEDITERRANEAN — SALUM	01	8	02	7	1	4	Sc	12.2	25.8	63		01	7	30	4	0	2	Cu	14.7	-1.0	21.7	29	—	19	—	74	0	182	—	130
MATRÛH	02	5	28	2	1	4	Sc	12.7	27.3	89		02	5	28	1	1	5	Cu	14.7	-0.6	25.0	32	+5	19	0	78	0	122	160	131
DIKHEILA	02	8	26	4	1	5	Ac	9.3	34.8	38		01	8	30	4	1	4	Sc	14.4	—	25.0	39	—	24	—	64	0	94	—	150
ALEXANDRIA	03	8	24	5	2	8	Ac	8.2	33.2	30		02	9	28	2	2	4	Ac	13.6	-1.7	25.0	37	+8	24	+3	61	0	166	186	132
DAMIETTA												02	8	30	2	2	5	Ac	12.4		25.2	38	—	23	—	77	0	70	107	159
PORT SAID	01	7	30	3	1	3	Ce	8.3	34.0	54		02	7	28	4	1	4	Cu	12.4	-0.9	28.9	36	+7	24	+2	61	0	64	81	134
EL 'ARISH	00	7	04	2	0	0	—	8.6	32.2	53		02	7	28	1	1	5	Cu	12.3	—	26.3	41	—	25	—	74	0	130	93	135
LOWER EGYPT — DAMANHUR												01	8	32	3	2	3	Cu	13.9	-0.8	25.1	42	+11	20	+3	70	0	29	103	136
MANSURA												01	8	30	1	1	2	Cu	13.3	—	24.0	41	+9	20	+2	72	0	46	55	137
TANTA	02	7	28	3	1	5	Cu	8.2	40.0	22		00	7	00	0	0	0	—	13.6	-1.6	25.0	41	+9	19	+1	68	0	41	43	138
ZAGAZIG	01	9	20	3	0	2	Cu	8.6	40.4	37		00	8	30	1	0	0	—	14.0	—	26.4	41	+9	19	+2	75	0	31	29	139
CAIRO ALMAZA	01	8	22	5	0	3	Ci	9.1	41.1	27		01	8	02	2	0	3	Cu	13.6	—	24.7	42	—	22	—	69	0	18	—	141
EZBEKIYA	02	7	20	4	1	4	Cc	8.4	41.7	14		01	6	32	2	1	3	Cu	13.6	-0.7	24.7	42	+11	22	+3	67	0	23	28	—
GIZA	02	7	20	4	1	4	Cc	8.4	42.0	12		01	7	30	1	1	4	Cu	13.8	-0.7	24.0	43	+13	21	+4	74	0	23	28	—
HELWAN	01	8	22	3	0	3	Cc	8.2	40.6	06		01	7	32	3	1	3	Cu	13.5	-1.1	23.9	41	+10	21	+2	66	0	26	29	143
SUEZ	01	9	12	1	1	3	Cu	8.7	38.6	19		01	7	28	2	1	3	Cu	13.1	-0.6	25.3	39	+6	24	+3	74	0	27	18	144
UPPER EGYPT — FAIYUM	00	8	00	0	0	0	—	7.3	41.2	16		01	7	32	3	0	3	Cu	14.0	-0.3	24.8	43	+11	22	+4	69	0	7	8	153
MINYA	00	8	32	2	0	0	—	9.1	39.8	18		00	8	02	3	0	0	—	12.8	-1.2	25.0	41	+10	23	+4	74	0	4	—	154
ASYÛT	00	8	12	2	0	0	—	8.8	37.2	53		00	6	28	3	0	0	—	12.0	-1.5	26.0	43	+11	24	+4	76	0	2	4	155
QENA	00	8	22	2	0	0	—	10.2	38.7	25		00	7	26	2	0	0	—	9.6	-2.0	29.0	41	+4	24	+4	47	0	dr	—	156
LUXOR	00	8	22	1	0	0	—	—	42.3	—		00	8	00	0	0	0	—	9.8	—	31.8	43	—	22	—	41	0	dr	—	157
ASWAN	00	7	30	1	0	0	—	6.6	41.0	14		00	7	00	0	0	0	—	9.3	-2.3	31.0	42	+3	25	+3	33	0	1	—	158
WESTERN DESERT — SIWA	00	8	30	1	0	0	—	11.6	36.0	38		00	8	00	0	0	0	—	15.4	+0.7	23.6	39	+5	17	0	77	0	7	8	148
BAHARIYA	00	9	24	3	0	0	—	9.1	41.3	13		00	9	32	1	0	0	—	14.2	—	23.0	43	—	—	—	90	0	1	—	149
KHARGA																												dr	tr	151
DAKHLA	00	8	28	2	0	0	—	10.4	40.6	06		00	7	00	0	0	0	—	12.8	-1.0	27.8	42	+7	23	+4	48	0	dr	—	152
RED SEA — TOR	01	7	28	2	0	1	Cu	8.3	33.2	72		00	5	28	5	0	0	—	9.3	-2.4	27.8	35	+5	23	+3	85	0	20	13	145
HURGHADA																												1	—	146
QUSEIR	00	7	32	2	0	0	—	8.8	33.5	45		00	7	32	3	0	0	—	9.3	-2.0	31.2	35	+3	26	+1	46	0	tr	6	147
PORT SUDAN												00	—	08	2	0	0	—	8.2	-1.6	33.2	38	+3	26	-1	55	0	61	122	169
NORTH SUDAN — WADI HALFA												00	8	32	3	0	8	—	9.6	-2.3	26.8	42	+4	21	0	29	—	—	—	165
KAREIMA												01	8	32	2	0	1	Ac	9.2	-0.7	34.0	44	+2	26	+3	18	0	19	34	166
'ATBARA												00	—	08	2	0	0	—	7.0	-2.0	34.8	43	+3	26	+1	21	0	53	83	167
KHARTUM												01	7	16	1	1	3	Ci	8.1	-0.8	32.0	42	+2	27	+2	38	0	101	151	168
KASSALA												01	6	16	2	1	4	Ci	9.0	-1.4	29.1	40	+2	26	+3	64	dr	352	331	170
CENTRAL SUDAN — WAD MEDANI												02	—	18	3	0	4	—	10.2	+0.5	25.8	38	0	21	-1	67	dr	503	394	171
DUEIM												00	—	—	—	0	0	—	8.8	-1.0	30.2	38	0	25	+3	60	0	443	301	173
RENK																													—	182
ROSEIRES												00	—	14	1	0	0	—	9.9	-1.0	26.4	36	+2	20	0	76	0	791	776	172
EL OBEID												02	8	16	1	0	5	AcCc	8.5	-2.7	26.0	36	0	23	+2	69	dr	411	353	174
EL FÂSHER												03	8	06	3	1	6	Sc,Ac	—	—	24.9	35	-1	22	+3	74	0	431	321	175
GENEINA																													—	179
KADUGLI																													—	187
S. SUDAN — MALAKAL												01	8	20	2	1	4	Ac,Ci	10.0	-1.3	25.0	32	-1	22	0	84	dr	942	880	176
WAU												02	—	28	1	1	4	—	9.7	-1.1	25.2	34	0	21	+1	82	0	1165	1116	177
JUBA												00	8	00	0	0	0	—	10.4	-1.4	25.6	33	0	21	+1	76	0	1093	889	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 30th — الرياح العليا يوم

SALUM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA	MERSA M. 8 h. m.	HELWÂN 8 h. 30m	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 4h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 6 h. m.	JUBA 6h. m.	P. SAID A.P. 8 h. m.
02 32 25	02 32 10		02 36 25	02 03 35	02 32 30	05 02 35	03 02 25	06 01 40	06 24 25	06 21 20	07 32 20	06 11 30	06 13 10	02 32 30
05 33 30	05 32 10		05 02 45	05 01 25	05 36 40	10 02 30	07 03 50	10 02 65	10 24 35	10 21 15	10 27 10	10 11 15	10 13 30	05 31 25
10 32 10	10 34 15		10 01 35	08 02 40	10 34 60	15 02 25	10 04 40	15 06 25	15 24 40	15 11 10	15 04 10	15 11 25	15 13 35	10 30 20
15 31 45	13 32 25		15 33 15	10 04 20	15 30 30	20 36 10	15 03 35	20 11 25	20 24 35	20 06 20	20 06 05	20 08 30	20 13 35	13 30 20
20 32 40				16 34 05		25 02 25	20 03 40	30 13 15	30 24 25	30 03 35	23 13 30	30 11 15	30 18 20	
25 33 35							25 03 15		40 26 30	40 35 45		40 08 25	40 17 35	
30 33 25							30 00 00		50 27 15	43 35 40		43 08 30	50 21 20	
35 33 40							40 01 30							
37 32 40							50 07 10							
							60 04 15							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day HUMIDITY %	Diff. from normal	Mean of day WET BULB TEMP °C	Diff. from normal
	29th		29th	
Alexandria	49	-19	20.4	+0.3
Ezbekiya	38	-27	21.5	+0.7
Giza	44	-23	21.3	+0.7
Helwân	28	-26	19.2	+1.1
Giza Grass minimum on		30th	15.4°	

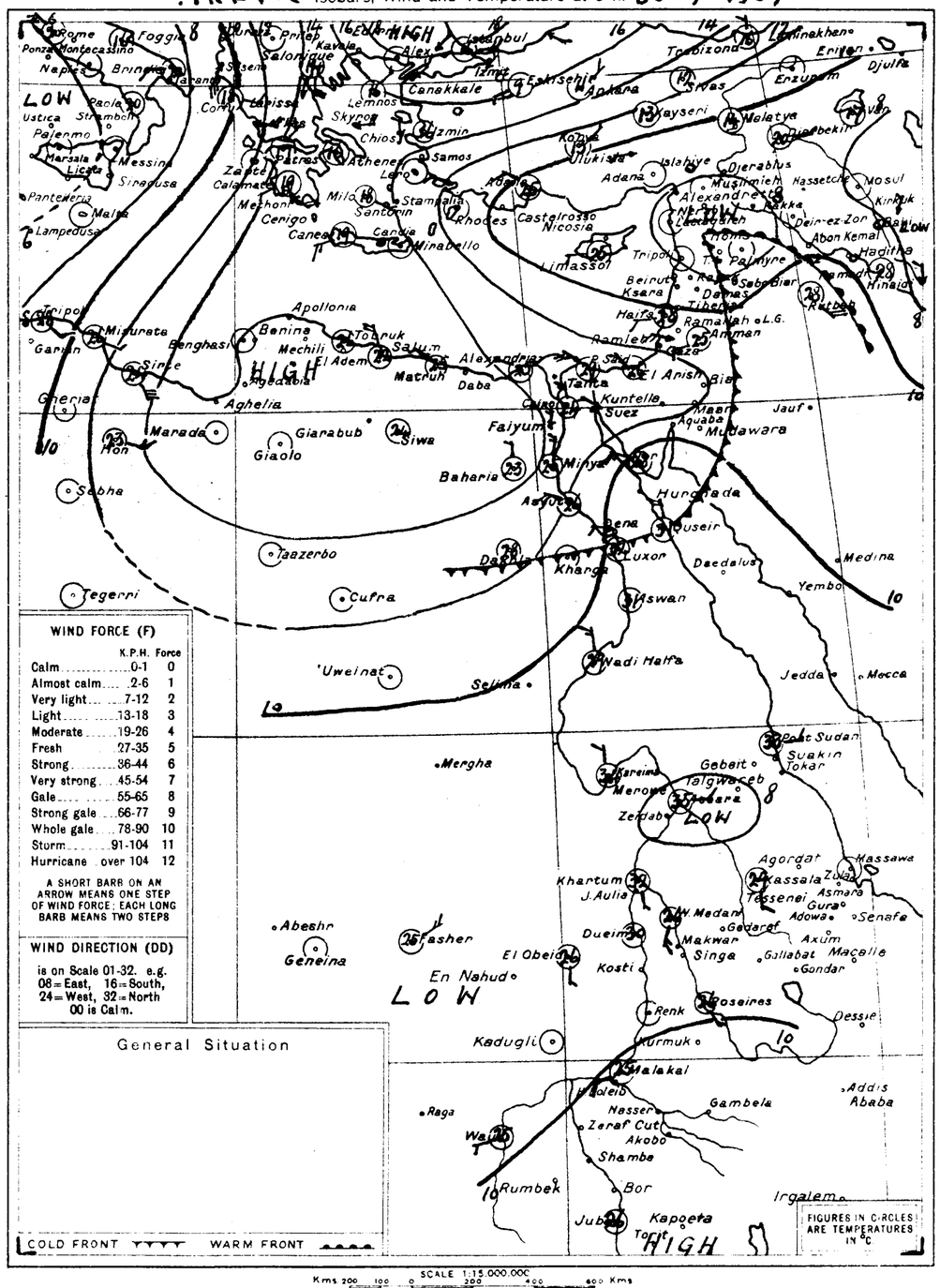
Discharges at Aswân measured by sluices m³ per sec.

DATE	1939	1938
30-9	6126	7312
29-9	6266	7457

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-9	13.51	-0.23	13.35	-0.19
Nasser	27-9	10.44	+0.03	10.43	+0.02
Malakal	30-9	12.17	-0.03	12.16	-0.03
Roseires	30-9	17.40	-0.18	17.58	-0.09
Sennar Res	29-9	17.20	—	17.20	—
J. Aulia U.S	29-9	375.74	—	375.72	—
J. Aulia D.S	29-9	374.49	-0.51	374.02	-0.41
Khartum	29-9	14.74	-0.38	14.82	-0.35
Kh. el Girba	29-9	12.66	+0.18	12.74	+0.19
'Atbara	30-9	14.01	-0.19	14.04	-0.21
Kajnarti	29-9	140.14	-0.63	140.47	-0.67
Aswân Res.	30-9	97.00	—	97.00	—
Aswân D.S.	30-9	91.10	-0.47	91.16	-0.46
Roda (Cairo)	30-9	17.53	-1.00	17.53	-1.01

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

1939-9-30 Isobars, Wind and Temperature at 8 h. 30-9-1939.



General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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.

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.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	%HUMIDITY	RAINFALL Past 24 hrs mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		U			
Limassol	01	7	24	1	7	4	—	8.7	-4.9	25	—	—	—	—	0	610	468	
Haifa	02	—	22	2	—	4	—	11.4	-0.5	275	37	+7	25	+6	60	0	559	648
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	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 48 m
" " Sunset 17 h 41 m

Month OCTOBER 1939 ١٩٣٩ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 30/9 (الساعة ١٤ يوم ٩/٣٠) — At 8 h. on SUNDAY 1st (الساعة ٨ يوم الأحد 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 Temp. 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	8h Diff. from normal	Dry bulb TTT	Max. yesterday	Max. diff. from normal	Min. today	Min. diff. from normal	% Humidity UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station number
SALUM	01	8	02	6	0	2	Cu	15.1	25.1	59	00	8	18	2	0	0	—	15.0	-0.8	23.6	26		20		63	0	182	—	130
MATRUH	01	8	28	4	0	2	Cu	14.0	26.9	77	00	8	46	1	0	0	—	15.0	-0.3	26.8	27	0	19	0	70	0	122	160	131
DIKHEILA	02	8	30	4	5	4	Cu	14.6	25.2	67	01	8	30	3	1	3	Cu	15.6	—	24.9	—		24		70	0	94	—	150
ALEXANDRIA	02	9	28	3	2	4	Cu	13.9	27.4	57	02	9	32	3	2	4	Ac	15.1	-0.3	25.0	28	-1	23	+2	68	0	166	186	132
DAMIETTA											01	8	20	2	2	4	Cu	14.2	—	25.5	27	—	19	—	77	0	70	107	159
PORT SAID	01	7	26	5	1	3	Ac	12.2	28.7	58	02	8	28	3	1	4	Cc	13.9	+0.5	25.5	31	+2	23	+1	71	0	64	81	134
EL 'ARISH	01	7	28	2	1	4	Cu	11.9	28.0	65	01	7	00	0	0	3	Ac	13.9	—	24.5	31	—	20	—	70	0	130	93	135
DAMANHUR											00	8	32	2	0	0	—	15.6	+0.8	28.8	29	-2	18	+1	69	0	24	103	136
MANSURA											00	8	16	1	1	0	—	14.8	—	23.8	30	-2	18	0	76	0	46	55	137
TANTA	02	7	28	3	1	5	Cu	12.6	29.0	52	00	7	00	0	0	0	—	14.8	-0.5	25.0	30	-2	17	-1	68	0	41	43	138
ZAGAZIG	02	9	30	1	0	4	Cu	12.8	28.9	67	01	8	26	1	0	1	Cu	15.8		25.5	30	-2	16	-1	79	0	31	29	139
CAIRO: ALMAZA	01	8	28	3	1	3	Cu	13.1	29.2	53	00	7	32	1	1	2	Cu	15.0	—	23.3	30	—	20	—	72	0	18	—	141
CAIRO: EZBEKIYA	01	8	30	2	1	3	Cu	12.0	30.5	45	01	6	02	1	1	3	Cu	15.1	+0.7	23.5	31	0	20	+2	71	0	23	28	—
CAIRO: GIZA	01	8	30	2	1	3	Cu	12.2	30.6	41	01	6	00	0	1	3	Cu	15.2	+0.6	21.9	31	+1	19	+2	82	0	23	28	—
HELWAN	01	7	28	5	0	3	Cu	11.9	28.5	42	01	6	32	3	0	2	Cu	15.0	+0.2	23.0	30	-1	19	0	60	0	26	29	143
SUEZ	01	9	32	3	0	1	Cu	11.5	29.6	45	02	7	32	2	1	5	Cu	14.7	+0.8	22.3	31	+1	19	-2	77	0	27	18	144
FAIYUM	00	8	32	3	0	0	—	12.2	30.5	43	00	8	32	2	0	0	—	14.6	+0.2	22.8	32	0	18	0	72	0	7	8	153
MINYA	00	9	32	3	0	0	—	11.4	31.6	44	00	7	32	3	0	0	—	13.6	-0.5	22.4	32	+1	19	0	77	0	4	—	154
ASYUT	00	8	28	4	0	0	—	10.0	33.0	44	00	7	30	3	0	0	—	13.6	+0.1	22.8	34	+2	20	0	76	0	2	4	155
QENA	00	8	22	4	0	0	—	7.6	37.2	36	00	8	22	3	0	0	—	10.6	-1.2	25.9	39	+3	23	+3	67	0	dr	—	156
LUXOR	00	9	28	1	0	0	—	7.4	41.0	26	00	9	06	1	0	0	—	11.0	—	28.9	42	—	22	—	61	0	dr	—	157
ASWAN	00	7	32	3	0	0	—	5.5	41.2	16	00	7	32	4	0	0	—	10.2	-1.4	27.5	42	+4	25	+3	44	0	1	—	158
SIWA	00	8	00	0	0	0	—	—	—	48	00	8	00	0	0	0	—	17.4	+2.6	22.8	33	-1	16	-1	67	0	7	8	148
BAHARIYA	00	9	24	1	0	0	—	12.8	30.0	53	00	9	32	1	0	0	—	15.5	—	21.4	32	—	—	—	87	0	1	—	149
KHARGA	00	8	04	3	0	0	—	8.8	38.8	25	00	8	32	3	0	0	—	12.4	-0.6	26.2	39	+4	18	-2	41	0	dr	tr	151
DAKHLA	00	8	02	4	0	0	—	11.0	35.0	32	00	7	24	1	0	0	—	14.0	+0.1	24.8	36	+1	21	+2	64	0	dr	—	152
RED SEA: TOR	00	6	28	5	0	0	—	7.4	31.1	75	00	5	28	3	0	0	—	10.2	-1.6	27.0	35	+5	24	+4	69	0	20	13	145
RED SEA: HURGHADA	00	9	32	5	0	0	—	7.5	32.6	63	00	9	30	5	0	0	—	11.9	0.0	25.8	34	+2	24	+3	73	0	1	—	146
RED SEA: QUSEIR	00	7	32	2	0	0	—	8.4	32.0	60	00	7	32	4	0	0	—	10.0	-1.4	28.2	33	+1	26	+1	57	0	tr	6	147
RED SEA: PORT SUDAN											00	—	04	2	0	0	—	9.0	-1.2	33.3	38	+3	28	+3	61	0	81	122	169
NORTHERN SUDAN: WADI HALFA											00	8	32	3	0	0	—	10.4	-1.6	28.8	43	+5	26	+5	34	—	—	—	165
NORTHERN SUDAN: KAREIMA											00	8	04	2	0	0	—	8.0	-2.0	30.4	43	+2	26	+2	25	0	19	34	166
NORTHERN SUDAN: ATBARA											00	—	12	2	0	0	—	6.0	-3.0	33.8	44	+4	29	+4	25	0	53	83	167
NORTHERN SUDAN: KHARTUM											02	8	16	3	1	5	St,Ac	7.1	-1.8	30.3	42	+2	27	+2	47	1	102	152	168
NORTHERN SUDAN: KASSALA											00	8	14	1	0	0	—	7.2	-3.1	30.2	39	+1	25	+2	53	dr	352	333	170
WAD MEDANI											00	—	18	2	0	0	—	7.6	-2.1	29.0	38	0	23	+1	57	0	503	396	171
DUEIM											00	—	—	—	0	0	—	7.9	-1.9	28.8	39	+1	24	+2	55	0	443	301	173
RENK																				—								—	182
ROSEIRES											02	—	14	1	1	4	—	9.3	-1.5	25.2	37	+2	23	+3	79	0	791	781	172
EL OBEID											02	8	16	1	1	5	Ac,As	6.7	-4.5	26.8	37	+1	23	+2	56	0	411	356	174
EL FASHER											01	8	16	1	1	4	Ac	—	—	24.5	37	+1	20	+1	62	0	431	322	175
GENEINA											02	8	20	2	1	5	Ac,As	—	—	22.0	35	—	17	—	82	0	476	—	179
KADUGLI																												—	187
MALAKAL											01	8	10	3	1	4	Ac,Cs	9.8	-1.5	25.8	33	0	21	-1	75	0	942	885	176
WAU											02	—	20	3	1	4	—	9.6	-1.1	24.5	35	+1	22	+2	77	0	1165	1121	177
JUBA											02	8	02	2	1	5	Ac,Cs	9.9	-1.9	27.0	34	+1	21	+1	77	0	1093	893	178

UPPER WINDS ON 1st — الرياح العليا يوم ١

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

SALUM 7 h.	MATRUH	DIKHEILA	MINYA 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 4 h.	KHARTUM 3 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 5 h.	JUBA 7 h.	Geneina 6 h.
02 16 10	02 30 05		02 36 25	02 02 20	02 34 25	02 01 20	03 01 35	06 04 45	06 21 40	06 17 10	07 23 20	06 27 05	06 03 25	10 31 20
05 26 05	05 02 10		05 35 55	05 02 25	05 36 30	05 36 40	06 03 65	10 06 45	10 23 25	10 27 00	10 27 10	10 21 15	10 08 30	15 05 25
10 32 05	10 36 25		10 36 35	08 01 30	10 36 35	10 02 35	10 02 55	15 05 40	15 21 30	15 06 10	15 35 10	15 30 05	15 12 30	20 06 45
15 33 20	15 35 30		15 36 35	10 03 35	15 01 50	15 33 10	15 02 35	20 03 30	20 21 15	20 07 25	20 03 10	20 11 15	20 09 35	30 09 45
20 34 25	18 35 35		20 36 20	15 01 20	20 36 35	20 33 10	16 02 25	30 01 20	25 05 15	30 05 20	26 09 05	30 10 15	30 14 25	40 12 30
25 33 40				20 36 30	25 07 60			33 34 15	30 06 30	40 05 35		40 09 30	40 18 25	43 11 55
30 35 40				23 36 40					40 03 25	50 03 55		44 07 25	50 19 35	
35 35 50				25 36 30						57 36 25			56 18 40	
40 35 45				30 34 20										
				36 33 25										

Forecast for 24 hours from noon on 1st

Light to moderate variable winds chiefly between north and northeast.
Clear or occasional low cloud.
Temperature remaining about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١
رياح خفيفة إلى معتدلة متغيرة الاتجاه أغلبها بين شمالية وشمالية شرقية
السماء صحو أو تتكون بها بعض السحاب المنخفض أحياناً
تستمر درجة الحرارة حول المعدل

STATION	Mean of day: Humidity % on 30/9	Diff. from normal	Wet bulb temp °C on 30/9	Diff. from normal
Alexandria	64	-4	20.4	+0.4
Ezbekiya	60	-5	20.9	+0.2
Giza	68	+1	20.8	+0.3
Helwan	56	+2	19.5	+1.5

Giza Grass minimum on 1st 11.8 °C

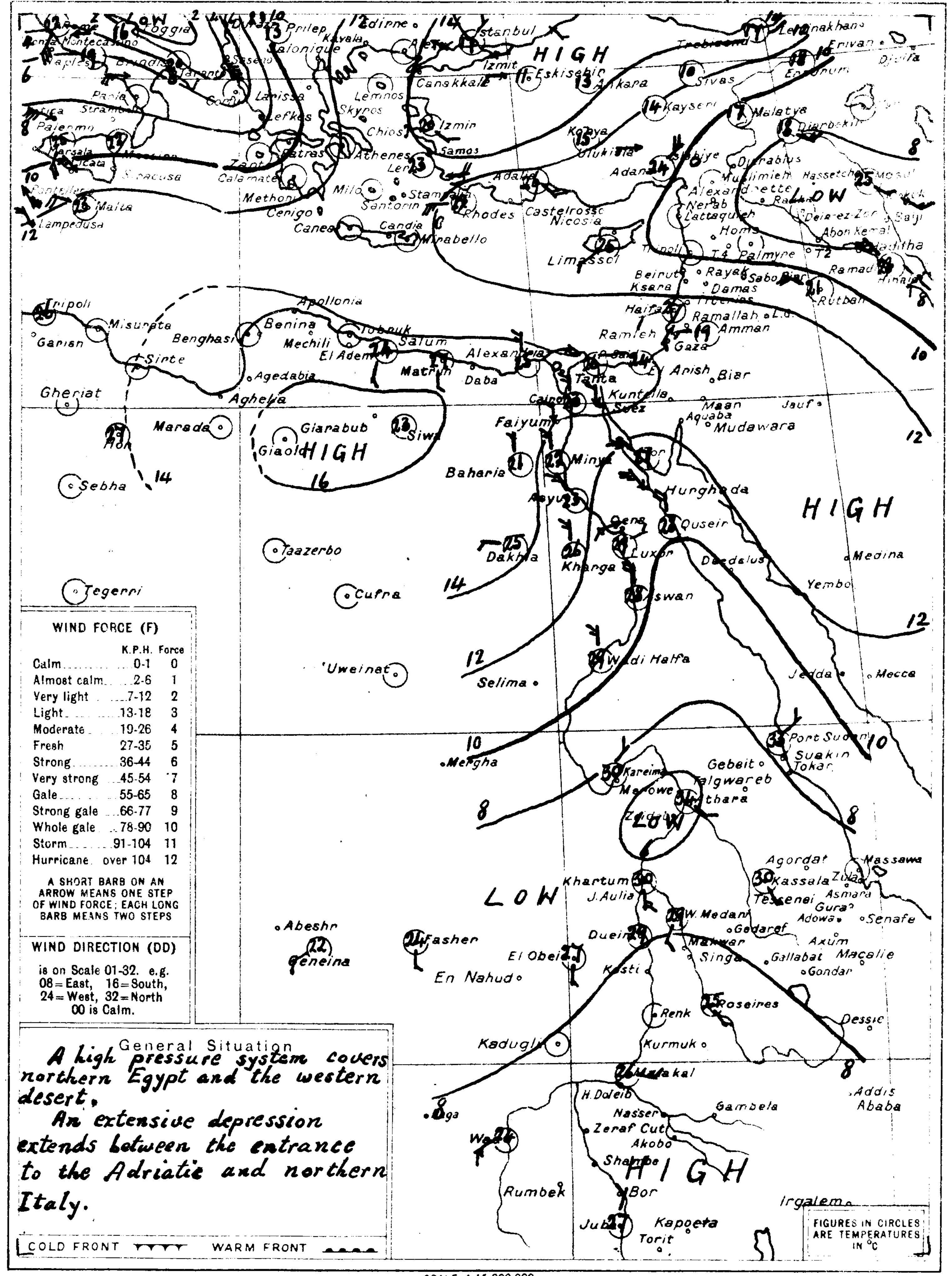
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
1-10	6043	9192
30-9	6126	9312

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	30-9	13.30	-0.44	13.51	-0.23
Nasser	30-9	10.45	+0.03	10.44	+0.03
Malakal	1-10	12.17	-0.03	12.17	-0.03
Roseires	1-10	17.29	-0.20	17.40	-0.18
Sennar Res.	30-9	17.26	—	17.20	—
J. Aulia U.S	30-9	375.68	—	375.74	—
J. Aulia D.S	30-9	374.42	-0.54	374.49	-0.51
Khartum	30-9	14.62	-0.45	14.74	-0.38
Kh. el Girba	30-9	12.57	+0.14	12.66	+0.18
Atbara	30-9	14.61	-0.19	14.04	-0.21
Kajnarti	30-9	140.12	-0.57	140.10	-0.65
Aswan Res.	1-10	97.00	—	97.04	—
Aswan D.S.	1-10	91.05	-0.50	91.10	-0.47
Roda (Cairo)	1-10	17.53	-0.97	17.53	-1.00

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

Isobars, Wind and Temperature at 8 h. 1-10-39. ١٩٣٩-١٠-١



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 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 northern Egypt and the western desert.
An extensive depression extends between the entrance to the Adriatic and northern Italy.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 1-10-39. الساعة ٨ يوم ١٩٣٩-١٠-١

STATION محطة	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Max. yester day °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	00	7	20	1	0	0	—	10.8	-3.0	25	—	—	—	—	—	0	610	468
Haifa	02	—	22	2		4	—	13.6	+1.5	26.8	29	-1	23	+4	52	0	559	648
Kharga 30th	00	8	32	3	0	0	—	11.6	-1.3	28.6	42	+7	23	+3	36	0	dr	tr
Hurghada 30-9	00	9	28	4	0	0	—	9.8	-2.0	30.0	38	+6	25	+4	66	0	1	-
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
Distant Duststorm	12
Squall	13
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-31
Fog or Thick Haze	40-49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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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1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO
Time of Sunrise 05 h. 48 m.
" " Sunset 17 h. 40 m.

Month **OCTOBER** 1939 ١٩٣٩ شهر اكتوبر

At 14 h. on 1st — الساعة ١٤ يوم ١

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
MEDITERRANEAN: SALÛM	00	9	14	2	0	0	—	14.2	32.7	32
MATRÛH	00	7	30	2	0	0	—	14.6	27.1	76
DIKHEILA	00	8	28	3	1	2	Cu	15.2	25.8	74
ALEXANDRIA	03	9	28	3	1	—	Cu	14.6	27.4	62
DAMIETTA										
PORT SAÎD	00	8	28	3	0	0	—	13.6	29.2	58
EL 'ARÎSH	00	7	30	2	0	0	—	13.5	26.7	60
LOWER EGYPT: DAMANHÛR										
MANSÛRA										
TANTA	01	7	32	2	1	2	Cu	13.3	30.5	50
ZAGÂZÎG	02	9	30	1	0	4	Cu	13.6	30.8	63
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	30	3	0	1	Cu	13.6	29.6	55
CAIRO EZBEKÎYA	00	8	32	2	0	0	—	12.7	30.6	43
CAIRO GÎZA	00	8	32	2	0	0	—	13.0	30.4	37
HELWÂN	00	7	30	5	0	0	—	12.4	29.2	33
SUEZ	00	9	32	2	0	0	—	12.6	29.2	51
UPPER EGYPT: FAIYÛM	00	8	32	3	0	0	—	12.3	31.0	34
MINYA	00	7	28	4	0	0	—	12.0	30.9	37
ASYÛT	00	8	30	4	0	0	—	10.4	31.5	39
QENA	00	8	22	4	0	0	—	8.6	34.2	40
LUXOR	00	9	00	0	0	0	—	8.2	37.8	32
ASWÂN	00	7	02	2	0	0	—	6.6	38.0	24
WESTERN DESERT: SIWA	00	8	00	0	0	0	—	16.7	34.0	51
BAHARÎYA	00	9	32	2	0	0	—	——	29.9	53
KHÂRGA	00	8	32	2	0	0	—	10.0	37.9	23
DÂKHLA	00	8	30	4	0	0	—	12.2	32.2	37
RED SEA: TÔR	30?	3	28	5	0	0	—	9.0	28.5	77
HURGHÂDA	00	9	30	5	0	0	—	9.6	30.0	65
QUSEIR	00	7	32	3	0	0	—	9.1	29.2	57
PORT SUDAN										

At 8 h. on MONDAY 2nd — الاثنين ٢ — 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	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALÛM	00	7	22	6	0	0	—	14.4	-1.5	25.9	34	—	22	—	38	0	0	—	130
MATRÛH	00	6	20	3	0	0	—	14.2	-1.2	26.0	28	-1	19	-2	50	0	0	0	131
DIKHEILA	00	8	00	0	0	0	—	15.9	—	26.0	26	—	20	—	76	0	0	—	150
ALEXANDRIA	00	9	00	0	0	0	—	15.5	0.0	27.2	29	0	21	0	71	0	0	0	132
DAMIETTA	00	8	28	1	0	0	—	15.2	—	25.2	27	—	20	—	76	0	0	0	159
PORT SAÎD	02	8	04	2	1	4	Cu	15.4	+2.0	27.5	32	+3	22	0	69	0	0	0	134
EL 'ARÎSH	00	7	12	1	0	0	—	15.1	—	26.0	28	—	18	—	72	0	0	0	135
DAMANHÛR	01	8	28	2	1	3	St	16.3	+1.4	24.6	30	-1	19	+2	80	0	0	0	136
MANSÛRA	00	8	08	1	0	0	—	15.5	—	24.2	31	-1	19	+1	80	0	0	0	137
TANTA	00	7	00	0	0	0	—	15.8	+0.4	24.0	31	-1	17	-1	87	0	0	0	138
ZAGÂZÎG	00	7	30	1	0	0	—	16.2	—	26.4	31	0	18	+1	82	0	0	0	139
CAIRO ALMÂZA	00	7	02	2	0	1	St	15.5	—	23.1	30	—	19	—	79	0	0	—	141
CAIRO EZBEKÎYA	01	5	02	1	1	3	Sc	15.5	+1.0	21.9	32	+1	20	+2	87	0	0	0	—
CAIRO GÎZA	40	3	30	2	4	5	St	15.8	+1.1	21.0	31	+1	18	+1	94	0	0	0	—
HELWÂN	05	5	02	2	0	2	Cu	15.4	+0.6	23.1	30	-1	20	+1	75	0	0	0	143
SUEZ	00	8	32	3	0	0	—	15.0	+1.0	24.3	31	-1	19	-2	69	0	0	0	144
FAIYÛM	00	7	32	4	0	0	—	15.0	+0.6	23.2	32	0	19	+1	81	0	0	0	153
MINYA	00	8	30	3	1	0	—	13.8	-0.4	23.3	31	0	21	+2	76	0	0	—	154
ASYÛT	00	7	30	3	0	0	—	13.5	-0.1	23.1	33	+1	21	+1	74	0	0	0	155
QENA	00	8	26	2	0	0	—	11.8	-0.1	25.0	36	0	21	+1	74	0	0	—	156
LUXOR	00	9	06	1	0	0	—	11.9	—	27.5	39	—	19	—	57	0	0	—	157
ASWÂN	00	7	32	3	0	0	—	10.6	-1.1	26.5	40	+2	24	+2	43	0	0	—	158
SIWA	00	8	00	0	0	0	—	14.4	-0.5	24.0	35	+1	16	-1	60	0	0	0	148
BAHARÎYA	00	9	00	0	0	0	—	13.3		21.5	32		—		95	0	0	—	149
KHÂRGA	00	8	32	3	0	0	—	14.2	+1.1	25.9	38	+3	22	+2	52	0	0	0	151
DÂKHLA	00	7	04	2	0	0	—	15.0	+1.0	24.6	34	-1	21	+2	71	0	0	—	152
TÔR	00	6	28	2	0	0	—	11.6	-0.4	26.0	29	-1	20	0	55	0	0	0	145
HURGHÂDA	00	9	30	6	0	0	—	12.8	+0.8	26.2	31	-1	22	+1	73	0	0	—	146
QUSEIR	00	7	32	3	0	0	—	11.5	-0.1	29.0	31	-1	25	0	52	0	0	0	147
PORT SUDAN	00	—	28	2	0	0	—	10.3	0.0	31.9	36	+1	27	+2	66	0	0	0	169
NORTH SUDAN: WÂDI HALFA	00	9	32	3	0	0	—	10.8	-1.3	26.1	40	+2	22	+1	36	—	—	—	165
KAREIMA	01	8	04	2	3	3	Ac	9.3	-0.7	31.0	43	+2	28	+4	27	0	0	0	166
'ATBARA	00	—	08	2	0	0	—	7.6	-1.5	33.8	43	+3	29	+4	30	0	0	0	167
KHARTÛM	01	8	28	2	8	3	Ac,Ci	7.6	-1.3	33.0	43	+3	29	+4	50	dr	dr	0	168
KASSALA	02	8	12	2	1	5	Ac,Cs	8.8	-1.5	30.0	39	+1	25	+2	59	dr	dr	0	170
CENTRAL SUDAN: WAD MEDANI	00	—	14	3	0	0	—	8.7	-1.0	29.3	39	+1	22	0	57	1	1	0	171
DUEIM	02	—	—	—	1	4	—	8.3	-1.5	25.6	40	+2	25	+3	82	dr	dr	0	173
RENK																		—	182
ROSEIRES	02	—	12	1	5	4	—	9.9	-0.9	26.5	36	+1	21	+1	72	dr	dr	1	172
EL OBEID	03	8	22	3	1	8	Ac,Ci	10.0	-1.2	24.5	37	+1	23	+2	61	dr	dr	1	174
EL FÂSHER	01	8	04	2	1	4	Ac,Cs	—	—	24.5	36	0	20	+1	62	0	0	0	175
GENEINA																		—	179
KADUGLI																		—	187
S. SUDAN: MALAKÂL	00	8	18	3	0	2	Ci	10.0	-1.3	25.0	33	0	21	-1	80	0	0	3	176
WÂU	03	—	20	1	6	7	—	9.5	-1.2	22.0	35	+1	20	0	91	12	12	4	177
JÛBA	02	8	00	0	1	5	Cs	11.5	-0.3	24.0	34	+1	20	0	83	0	0	3	178

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

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

SALÛM	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	EL FASHER
7 h. m.	7 h. m.	h. m.	h. m.	8 h. 30 m.	7 h. m.	h. m.	4 h. m.	4 h. m.	7 h. m.	7 h. m.	7 h. m.	8 h. m.	7 h. m.	6 h. m.
022540	022525			020515	023235		030130	060360	062740	061915	073130	062715	062210	091210
050525	052820			050320	050230		060440	100425	102735	102220	103115	102510	101910	101315
080320				080540	100145		100325	150765	152640	152605	153520	153405	151020	151210
092625				100550	150135		150605	201130	202565	200915	203310	201015	201530	200815
102545				150565	200235		202710	231430	252730	300525	300610	301025	301730	300740
152735				200455	250435		302040		302815	403445	330410	390935	401725	360750
182930				210475	300525		321940		400845				441625	
									420715					

Forecast for 24 hours from noon on 2nd
Moderate northeast winds; fresh at times.
Occasional medium cloud.
Little change in temperature.

تغير الطقس المنتظر في ٢٤ ساعة من الظهر يوم ٢
رياح معتدلة شمالية شرقية تشتد في بعض الاحيان
يظهر بعض السحاب المتوسط احيانا
ولا تتغير الحرارة الا قليلا

STATION	Mean of day Humidity % on 1st	Diff. from normal	Wet bulb temp °C on 1st	Diff. from normal
Alexandria	70	+2	21.6	+1.6
Ezbekiya	62	-3	20.9	+0.8
Giza	67	0	20.5	+0.1
Helwân	49	-5	12.8	+0.8

Giza Grass minimum on 2nd 11.0°C

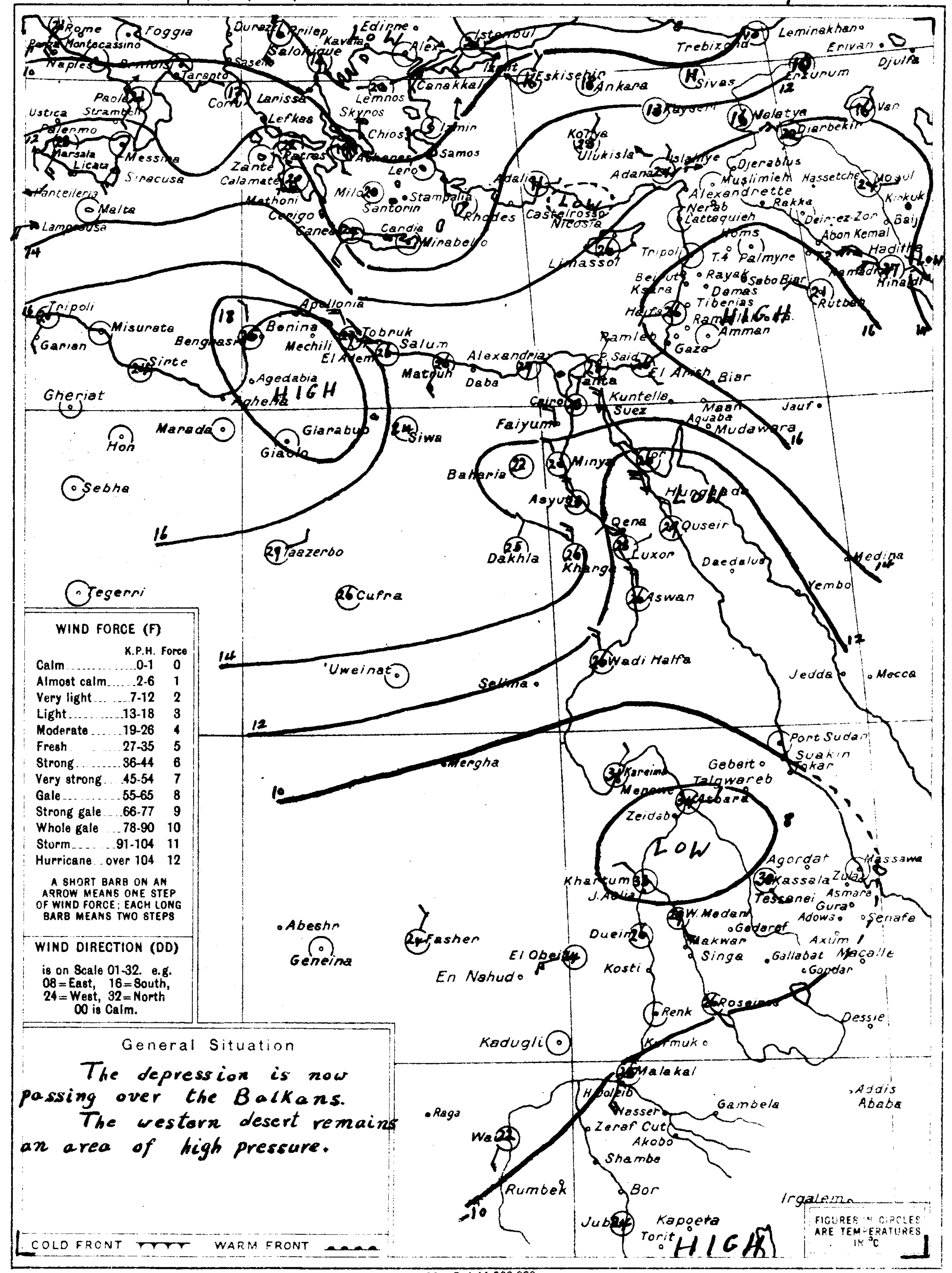
Discharges of Aswan measured by sluices m.³ per sec

DATE	1939	1938
2-10	6146	8956
1-10	6043	9192

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1-10	13.25	-0.49	13.30	-0.44
Nasser	1-10	10.46	+0.02	10.45	+0.03
Malakâl	2-10	12.17	-0.04	12.17	-0.03
Roseires	2-10	17.18	-0.19	17.29	-0.20
Sennâr Res	1-10	17.20	—	17.20	—
J. Aulia U.S	1-10	375.70	—	375.62	—
J. Aulia D.S	1-10	374.33	-0.57	374.42	-0.54
Khartûm	2-10	14.48	-0.51	14.52	-0.49
Kh. el Girba	1-10	12.50	+0.13	12.57	+0.14
'Atbara	1-10	13.90	-0.25	14.07	-0.19
Kajnarti	1-10	140.23	-0.39	140.12	-0.57
Aswân Res.	2-10	97.00	—	97.00	—
Aswân D.S.	2-10	91.11	-0.29	91.05	-0.50
Rôda (Cairo)	2-10	17.55	-0.93	17.53	-0.97

Printed by the Survey & Mines Dept. 1939 38, 554

Isobars, Wind and Temperature at 8 h. 2-10-39 ٢-١٠-٣٩



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 Balkans.
The western desert remains an area of high pressure.

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 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. 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
Limassol	00	7	00	0	0	0	—	14.0	+0.1	26	—	—	—	—	—		0	1
Haifa	00	—	22	2	—	0	—	15.8	+3.6	26.4	29	-1	24	+5	59	0	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	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, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, Sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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
Cirrocumulus	Cc
Cirrostratus	Cs
Altostratus	As
Altocumulus	Ac
Stratocumulus	Sc
Stratus	St
Nimbus	Nb
Nimbostratus	Ns
Cumulus	Cu
Cumulonimbus	Cb

CAIRO
Time of Sunrise 05 h 49 m
" " Sunset 17 h 38 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

At 14 h. on 2nd — الساعة ١٤ يوم ٢

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	01	8	02	7	0	1	Cu	15.2	26.2	72
	MATRUH	00	6	28	3	0	0	—	15.5	27.8	80
	DIKHEILA	00	8	30	2	0	0	—	15.5	27.6	75
	ALEXANDRIA	00	9	00	0	0	0	—	14.8	30.5	59
	DAMIETTA										
	PORT SAID	00	8	04	3	1	0	—	14.3	29.6	67
	EL 'ARISH	00	7	02	2	0	0	—	14.6	27.3	77
Lower Egypt	DAMANHUR										
	MANSURA										
	TANTA	00	7	32	2	0	0	—	14.0	33.0	44
	ZAGAZIG	00	9	30	1	0	0	—	13.9	33.4	58
Middle Egypt (Cairo)	ALMAZA	00	8	02	4	0	0	—	13.6	32.9	31
	EZBEKIYA	00	7	02	3	0	0	—	13.0	33.1	43
	GIZA	00	7	02	3	0	0	—	13.4	32.9	40
	HELWAN	00	8	02	4	0	0	—	12.7	33.4	25
	SUEZ	00	9	32	3	0	0	—	12.6	32.4	35
Upper Egypt	FAIYUM	00	8	32	5	0	0	—	12.3	33.0	34
	MINYA	00	8	30	4	0	0	—	11.6	33.4	37
	ASYUT	00	8	22	3	0	0	—	11.1	33.1	25
	QENA	00	8	26	2	0	0	—	9.9	35.2	35
	LUXOR	00	9	00	0	0	0	—	9.5	37.3	39
	ASWAN	00	7	28	3	0	0	—	7.5	39.3	24
Western Desert	SIWA	00	8	00	0	0	0	—	14.3	37.0	31
	BAHARIYA	00	9	32	2	0	0	—	12.8	33.5	38
	KHARGA	00	8	04	3	0	0	—	11.8	34.1	33
	DAKHLA	00	8	02	4	0	0	—	12.2	34.0	40
Red Sea	TOR	00	7	28	4	0	0	—	9.9	29.5	65
	HURGHADA	00	9	02	3	0	0	—	10.8	31.4	59
	QUSEIR	00	7	02	2	0	0	—	11.1	30.4	56
	PORT SUDAN										

North Sudan (WADI HALFA, KAREIMA, ATBARA, KHARTUM, KASSALA), Central Sudan (WAD MEDANI, DUEIM, RENK, ROSEIRES, EL OBEID, EL FASHER, GENEINA, KADUGLI) and S. Sudan (MALAKAL, WAU, JUBA): no entries at 14 h.

At 8 h. on TUESDAY 3rd — الساعة ٨ يوم الثلاثاء ٣

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	01	7	28	2	0	3	Cs	18.2	+2.2	21.9	31	—	19	—	87	0	0	—	130
MATRUH	01	7	28	2	0	2	Cu	17.5	+2.0	25.4	28	+1	23	+4	89	0	0	1	131
DIKHEILA	02	8	30	3	1	4	Sc	17.5	—	25.0	32	—	24	—	75	0	0	—	150
ALEXANDRIA	02	9	32	2	2	4	Ac	17.2	+1.6	25.0	32	+3	23	+2	68	0	0	0	132
DAMIETTA	02	8	30	2	1	4	Cu	16.2	—	25.8	30	—	20	—	73	0	0	0	159
PORT SAID	02	8	28	3	1	4	Sc	15.9	+2.4	27.5	31	+2	22	0	82	0	0	0	134
EL 'ARISH	01	7	00	0	0	2	Sc	15.6	—	26.0	28	—	19	—	79	0	0	0	135
DAMANHUR	01	8	04	3	1	2	Cu	17.2	+2.2	26.0	35	+4	20	+3	70	0	0	0	136
MANSURA	01	5	32	2	1	4	Sc	16.6	—	24.9	34	+2	20	+2	78	0	0	0	137
TANTA	00	7	00	0	0	0	—	15.2	-0.3	25.0	34	+2	18	0	84	0	0	0	138
ZAGAZIG	01	7	30	1	0	4	Cu	17.0	—	25.9	33	+2	18	+1	88	0	0		139
ALMAZA	49	4	00	0	4	6	St	16.3	—	22.5	33	—	19	—	86	0	0	—	141
EZBEKIYA	05	5	32	1	4	6	St	16.3	+1.7	22.8	34	+3	20	+2	90	0	0	0	—
GIZA	09	5	30	2	4	6	St	16.4	+1.7	22.9	33	+3	20	+3	91	0	0	0	—
HELWAN	01	6	30	2	0	2	Cu	16.2	+1.3	24.2	34	+3	20	+1	73	0	0	0	143
SUEZ	01	7	32	3	1	3	Cu	15.4	+1.3	23.9	35	+3	20	-1	86	0	0	0	144
FAIYUM	00	7	32	3	0	0	—	16.2	+1.7	25.0	35	+3	21	+3	76	0	0	0	153
MINYA	00	8	28	3	0	0	—	14.6	+0.3	25.0	34	+3	19	+1	60	0	0	—	154
ASYUT	00	6	22	3	0	0	—	14.6	+0.9	25.7	34	+3	20	0	57	0	0	0	155
QENA	00	7	22	1	0	0	—	12.6	+0.6	25.7	37	+1	21	+1	66	0	0	—	156
LUXOR	00	9	30	1	0	0	—	13.1	—	27.2	39	—	19	—	58	0	0	—	157
ASWAN	00	7	02	2	0	0	—	11.9	+0.1	29.0	41	+3	24	+2	39	0	0	—	158
SIWA	00	8	00	0	0	0	—	18.4	+3.4	25.0	39	+5	18	+1	70	0	0	●	148
BAHARIYA	00	9	32	1	0	0	—	15.5	—	23.3	35	—	—	—	89	0	0	—	149
KHARGA	00	8	00	0	0	0	—	13.8	+0.6	22.0	36	+1	22	+3	72	0	0	0	151
DAKHLA	00	7	16	1	0	0	—	15.0	+0.9	27.0	36	+1	24	+5	66	0	0	—	152
TOR	00	6	28	2	0	0	—	12.6	+0.5	26.5	30	0	19	-1	61	0	0	0	145
HURGHADA	00	9	02	5	0	0	—	12.2	0.0	29.5	32	0	21	0	61	0	0	—	146
QUSEIR	00	7	32	3	0	0	—	12.3	+0.5	30.5	31	-1	25	+1	46	0	0	0	147
PORT SUDAN	00	—	28	2	0	0	—	11.4	+1.0	32.3	36	+1	27	+2	63	0	0	1	169
WADI HALFA	01	8	02	4	0	1	Ac	10.8	-1.3	28.2	40	+2	21	0	27	—	—	—	165
KAREIMA	00	8	04	4	0	0	—	8.9	-1.2	32.0	43	+2	27	+3	19	0	0	0	166
ATBARA	00	—	06	2	0	0	—	9.0	-0.1	33.2	42	+2	25	0	16	0	●	0	167
KHARTUM	02	8	08	1	1	5	Ci	7.5	-1.4	31.3	43	+3	26	+1	53	0	dr		168
KASSALA	01	8	14	2	1	2	Ac	7.6	-2.6	30.4	39	+1	24	+1	53	0	dr	1	170
WAD MEDANI	00	—	18	3	0	0	—	8.2	-1.4	29.6	39	+1	23	+1	55	0	1	1	171
DUEIM	00	—	—	—	0	0	—	7.8	-1.9	31.0	39	+1	24	+2	50	0	dr	1	173
RENK									—									—	182
ROSEIRES																		2	172
EL OBEID	02	8	22	1	1	5	Ci, Ac	8.0	-3.2	28.0	36	0	23	+2	57	0	dr	1	174
EL FASHER	01	8	24	1	0	2	Cs, Ac	—	—	23.0	35	-1	18	-1	53	0	0	1	175
GENEINA	01	8	08	1	1	4	Ac, As	—	—	21.3	36	—	16	—	57	0	0	—	179
KADUGLI																		—	187
MALAKAL	01	8	12	2	1	3	Ac	9.3	-2.0	27.5	34	+1	23	+1	74	0	0	5	176
WAU	01	—	20	1	0	4	—	8.8	-1.9	25.0	34	0	21	+1	82	0	12	8	177
JUBA	01	7	00	0	0	3	Ci, Ac	10.0	-1.8	26.5	33	-1	21	+1	69	0	0	6	178

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	CAIRO	HELWAN 9 h.	ASYUT 7 h.	ASWAN	WADI HALFA 4 h.	KAREIMA 4 h.	KHARTUM 5 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	Geneina 6 h.
02.34.15	02.35.10			02.35.15	02.31.25		03.02.20	06.05.55	06.21.25	06.19.15	07.23.20	06.11.10	06.09.05	10.04.35
04.02.25	05.36.20			05.36.20	05.03.25		06.05.50	10.06.60	10.22.20	10.17.10	10.31.10	10.17.05	10.12.35	15.06.75
05.03.20	10.35.40			08.03.20	10.02.25		10.04.40	15.05.40	15.11.20	15.10.25	15.08.10	15.34.05	15.14.25	20.08.45
10.01.40	15.33.35			10.35.20	15.02.40		15.05.15	20.03.20	20.08.15	20.09.30	18.05.15	20.06.15	20.16.35	30.08.65
13.35.30	18.32.50			20.32.25	20.02.45		19.04.15	23.01.25	27.03.25	30.07.35		30.09.20	30.17.30	32.07.65
				35.15.15	25.03.35					40.04.20		40.07.40	40.18.25	
				40.27.15	30.03.30					50.34.15		48.08.35		
				50.30.15						57.03.25				
				60.27.20										
				70.26.40										

Forecast for 24 hours from noon on 3rd
Moderate northeast winds, fresh at times.
Clear or occasional low cloud.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣
رياح شمالية شرقية معتدلة تشتد في بعض الأوقات
السماء صحو او يظهر بها بعض السحاب المنخفض
ودرجة الحرارة حول المعدل.

Station	Mean of day: Humidity % on 2nd	Humidity Diff. from normal	Wet bulb temp °C on 2nd	Wet bulb Diff. from normal
Alexandria	61	-7	23.3	+3.4
Ezbekiya	68	+3	22.0	+1.5
Giza	69	+2	21.8	+1.5
Helwan	54	0	20.1	+2.2

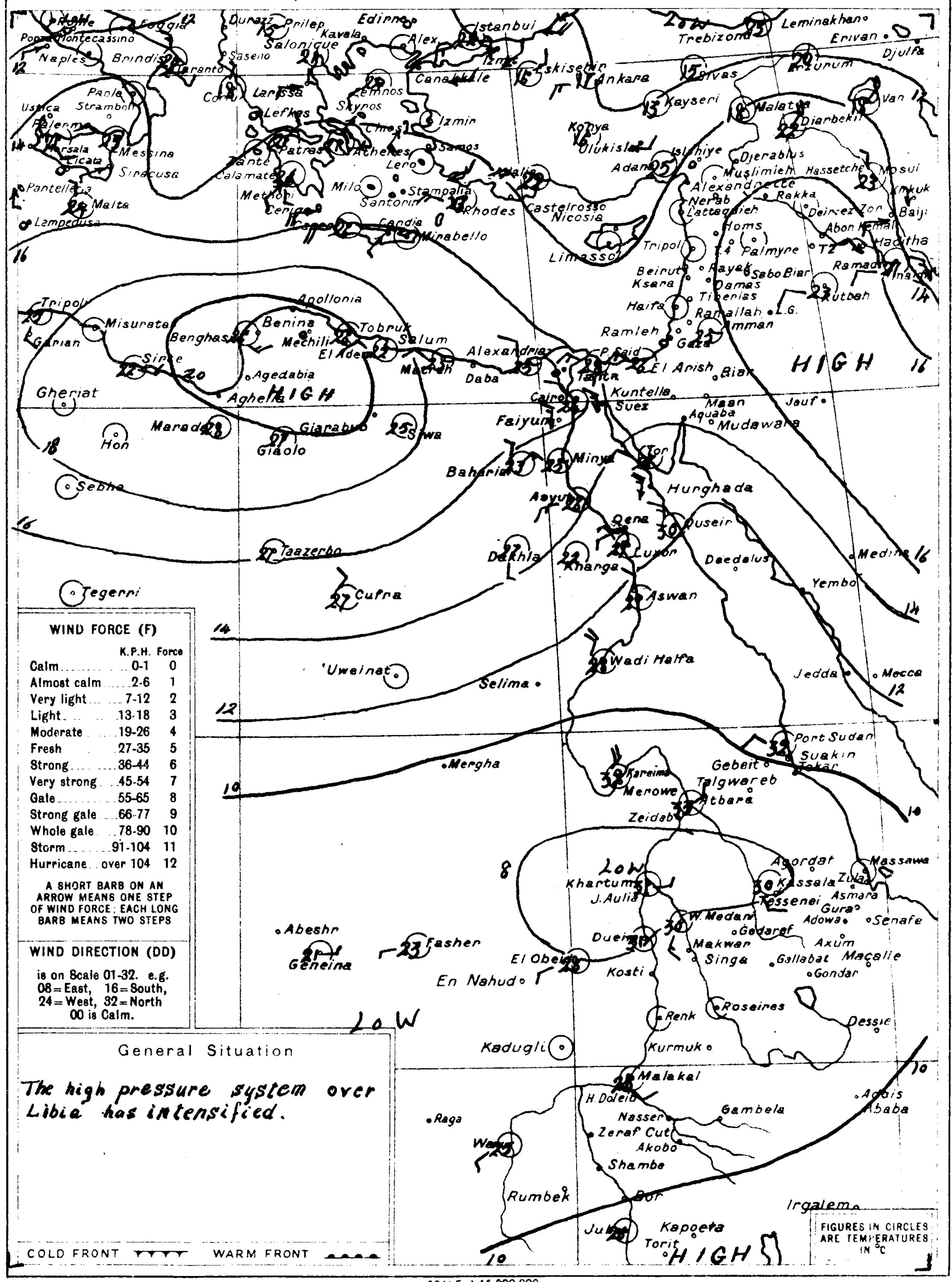
Giza Grass minimum on 3rd 12.6 °C

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

Date	1939	1938
3-10	6409	8717
2-10	6146	8956

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	2-10	13.20	-0.54	13.25	-0.49
Nasser	2-10	10.47	+0.02	10.46	+0.02
Malakal	3-10	12.17	-0.05	12.17	-0.04
Roseires	3-10	17.00	-0.28	17.18	-0.19
Sennar Res.	2-10	17.20	—	17.20	—
J. Aulia U.S.	3-10	375.70	—	375.73	—
J. Aulia D.S.	3-10	374.20	-0.63	374.28	-0.60
Khartum	3-10	14.40	-0.53	14.46	-0.51
Kh. el Girba	2-10	12.47	+0.17	12.50	+0.13
'Atbara	3-10	13.64	-0.38	13.74	-0.35
Kajnarti	2-10	140.25	-0.32	140.23	-0.39
Aswan Res.	3-10	97.00	—	97.00	—
Aswan D.S.	3-10	91.13	-0.33	91.11	-0.39
Roda (Cairo)	2-10	17.56	-0.93	17.53	-0.97

Isobars, Wind and Temperature at 8 h. 3-10-1939 ١٩٣٩-١٠-٣



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 has intensified.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	00	0	0	0	—	14.0	+0.1	25	—	—	—	—	—	0	0	1
Haifa																		1
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 5 h 49 m
Sunset 17 h 37 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر اكتوبر

1417 - C

STATION	14 h on 3rd: Present weather (ww)	Visibility (V)	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)	8 h on WEDNESDAY 4th: Present weather (ww)	Visibility (V)	Wind Dir. (DD)	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																													
SALUM	01	8	02	5	1	1	Ci	18.3	25.9	71	01	8	26	4	1	3	Cu	18.8	+2.7	22.9	28	—	18	—	47	0	0	—	130
MATRUH	00	7	28	4	0	0	—	16.3	26.8	80	00	7	20	1	0	0	—	17.6	+2.0	25.0	27	0	19	0	61	0	0	1	131
DIKHEILA	01	8	30	3	1	2	Cu	17.6	26.2	72	01	8	26	1	1	4	Sc	18.0	—	25.8	27	—	24	—	77	0	0	—	150
ALEXANDRIA	01	9	32	3	2	3	Ac	17.0	27.2	61	02	9	24	1	2	4	Cu	18.0	+2.3	25.2	29	0	23	+2	74	0	0	1	132
DAMIETTA											00	8	24	1	0	0	—	17.6	—	25.2	27	—	19	—	76	0	0	1	159
PORT SAÎD	00	8	28	4	1	0	—	15.9	29.5	63	00	8	20	4	1	0	—	17.2	+3.6	27.2	31	+2	23	+1	69	0	0	0	134
EL 'ARISH	02	6	30	3	1	4	Cb	15.1	28.9	71	01	7	20	1	0	3	Cu	18.6	—	25.0	29	—	20	—	71	0	0	0	135
LOWER EGYPT																													
DAMANHUR											00	7	20	2	0	0	—	18.3	+3.1	25.8	30	-1	19	+2	76	0	0	0	136
MANSURA											00	8	24	1	0	0	—	17.8	—	24.0	32	0	19	+1	81	0	0	0	137
TANTA	00	7	30	3	0	0	—	15.8	31.0	48	00	7	00	0	0	0	—	18.2	+2.6	24.0	32	0	18	0	83	0	0	0	138
ZAGÂZIG	00	8	30	1	0	0	—	15.6	31.4	59	00	8	26	1	0	0	—	18.7	—	25.4	32	+1	16	-1	80	0	0	0	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	30	3	0	0	—	15.2	32.0	37	01	7	04	3	0	1	St	17.5	—	24.6	32	—	19	—	66	0	0	—	141
CAIRO EZBEKIYA	00	7	32	3	0	0	—	15.2	32.8	41	05	5	02	2	0	0	—	17.6	+2.9	22.8	33	+2	19	+1	78	0	0	0	—
CAIRO GIZA	00	7	32	3	0	0	—	15.4	31.6	45	05	6	00	0	0	0	—	17.9	+3.1	22.1	32	+2	17	0	85	0	0	0	—
HELWÂN	00	7	30	3	0	0	—	14.7	31.6	35	00	7	04	4	0	0	—	17.8	+2.8	23.1	32	+2	19	0	73	0	0	0	143
SUEZ	00	9	32	2	0	0	—	14.3	31.9	44	01	7	32	1	0	1	Cu	17.6	+3.4	23.7	33	+1	19	-2	75	0	0	0	144
UPPER EGYPT																													
FAIYÛM	00	8	32	3	0	0	—	14.8	33.0	30	00	7	32	3	0	0	—	17.9	+3.3	23.6	34	+2	18	0	73	0	0	0	153
MINYA	00	8	30	4	0	0	—	14.0	33.9	31	00	7	30	3	1	0	—	17.0	+2.6	22.0	34	+4	19	+1	80	0	0	—	154
ASYÛT	00	8	22	3	0	0	—	11.9	36.2	46	00	7	28	3	0	0	—	16.0	+2.2	22.5	37	+6	20	+1	74	0	0	0	155
QENA	00	8	22	1	0	0	—	10.4	38.2	35	00	8	24	2	0	0	—	13.3	+1.1	26.7	40	+4	23	+4	65	0	0	—	156
LUXOR	00	9	08	1	0	0	—	10.8	39.6	35	00	9	14	1	0	0	—	13.5	—	29.4	40	—	21	—	54	0	0	—	157
ASWÂN	00	7	32	4	0	0	—	8.7	41.6	23	00	7	32	4	0	0	—	11.9	0.0	29.0	42	+4	26	+4	32	0	0	—	158
WESTERN DESERT																													
SIWA	00	8	04	1	0	0	—	18.0	34.2	41	00	8	00	0	0	0	—	19.2	+4.1	22.8	36	+3	14	-2	60	0	0	0	148
BAHARIYA	00	9	32	1	0	0	—	14.3	33.0	40	00	9	32	1	0	0	—	15.8	—	22.2	35	—	—	—	87	0	0	—	149
KHÂRGA	00	8	04	2	0	0	—	11.8	38.2	41	00	8	04	4	0	0	—	14.6	+1.3	26.8	39	+4	23	+4	46	0	0	0	151
DAKHLA	00	7	04	5	0	0	—	12.8	38.0	38	00	7	30	2	0	0	—	16.4	+2.2	26.0	39	+4	23	+4	65	0	0	—	152
RED SEA																													
TOR	00	7	28	5	0	0	—	10.6	30.3	65	00	5	28	4	0	0	—	14.2	+2.0	26.5	32	+2	23	+3	79	0	0	0	145
HURGHADA	00	9	32	5	0	0	—	11.0	32.3	66	00	9	30	6	0	0	—	13.5	+1.2	25.8	33	+2	23	+2	70	0	0	—	146
QUSEIR	00	7	02	2	0	0	—	11.9	31.0	59	00	7	32	3	0	0	—	12.8	+0.9	29.0	32	0	26	+2	62	0	0	0	147
PORT SUDAN											40	—	28	2	4	9	—	13.0	+2.5	31.8	36	+1	27	+2	67	0	0	1	169
NORTH SUDAN																													
WÂDI HALFA											00	8	02	3	0	0	—	11.6	-0.6	27.9	43	+5	23	+2	27	—	—	—	165
KAREIMA											00	8	04	2	0	0	—	10.1	0.0	30.8	42	+1	27	+3	22	0	0	0	166
'ATBARA											00	—	04	2	0	0	—	9.4	+0.2	31.8	42	+2	23	+2	15	0	0	0	167
KHARTÛM											00	8	28	1	1	2	Ci	8.0	-0.9	31.8	44	+4	27	+2	49	tr	tr	0	168
KASSALA											01	8	16	2	1	3	Ac	8.0	-2.2	31.0	40	+2	25	+2	48	0	tr	1	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	14	2	0	0	—	9.4	-0.2	28.0	39	+1	23	+1	63	0	1	1	171
DUEIM											00	—	—	—	0	0	—	8.7	-1.0	29.6	40	+2	25	+3	62	0	tr	1	173
RENK																			—										182
ROSEIRES											01	—	14	1	2	4	—	11.1	+0.4	23.7	37	+2	22	+2	84	0	tr	3	172
EL OBEID											02	8	16	1	8	7	Ac, As	7.8	-3.4	24.2	38	+2	23	+2	83	tr	tr	2	174
EL FÂSHER											02	8	12	3	1	5	Cs	—	—	22.7	36	0	19	0	53	0	0	1	175
GENEINA																												0	179
KADUGLI																													187
S. SUDAN																													
MALAKÂL											01	8	10	4	1	3	Ac	10.7	-0.5	23.4	35	+2	20	-2	82	29	29	8	176
WÂU											03	—	20	1	6	7	—	8.4	-2.2	24.8	35	+1	22	+2	81	2	14	12	177
JÛBA											03	8	00	0	1	6	Ac, Sc	11.7	0.0	25.6	35	+1	22	+2	76	0	0	9	178

UPPER WINDS ON 4th

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

SALUM 7 h.	MATRÛH 7 h.	DIKHEILA	MINYA A.P. 8 h.	HELWÂN 8 h 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 6 h.	KAREIMA 6 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKÂL 6 h.	JÛBA 6 h.	EL FASHER 6 h.
02.29.20	02.26.10		02.36.30	02.03.20	02.34.25	02.36.30	03.02.20	06.07.30	06.29.20	06.11.10	07.20.20	06.03.15	06.01.15	09.04.20
05.33.10	05.25.10		05.02.55	05.04.15	05.36.30	05.06.30	07.04.35	10.08.55	10.26.35	10.11.25	10.06.05	10.10.10	10.33.20	10.05.30
10.31.20	10.34.15		10.02.50	08.02.30	10.01.45	10.04.30	10.02.30	15.05.25	15.27.10	15.14.25	15.11.15	15.19.25	15.02.20	15.08.50
15.30.30			15.02.25	10.02.40	15.35.15	15.20.10	15.03.25	20.05.25	20.06.20	20.12.20	20.16.30	20.17.30	20.01.25	20.07.60
20.31.35				15.01.35	20.29.05	20.13.15	20.05.20	25.03.15	25.10.35	30.05.20	30.08.45	30.13.15	30.16.20	28.08.60
25.31.35				20.01.35	25.27.10	25.10.20	25.07.25	30.03.20			33.07.50	40.06.35	40.21.40	
30.33.30				23.02.25	30.21.15		30.07.25	40.02.30				50.07.20		
35.34.25				24.01.05			40.07.10	50.05.20						
40.33.30							60.07.20	60.02.15						
							90.25.30							

Forecast for 24 hours from noon on 4th

Light to moderate winds, north-westerly on the coast, northeasterly inland.
Mainly clear.
Little change in temperature.

رياح بين الخفيفة والمعتدلة شمالية غربية على الساحل وشمالية شرقية في الداخل.
السماء صحو على العموم.
ولا تتغير درجة الحرارة إلا قليلا.

STATION	Mean of day: Humidity % on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	67	-1	21.3	+1.4
Ezbekiya	70	+5	21.6	+1.2
Gîza	71	+4	21.7	+1.4
Helwân	56	+2	20.4	+2.5

Gîza Grass minimum on 4th 10.2 °C

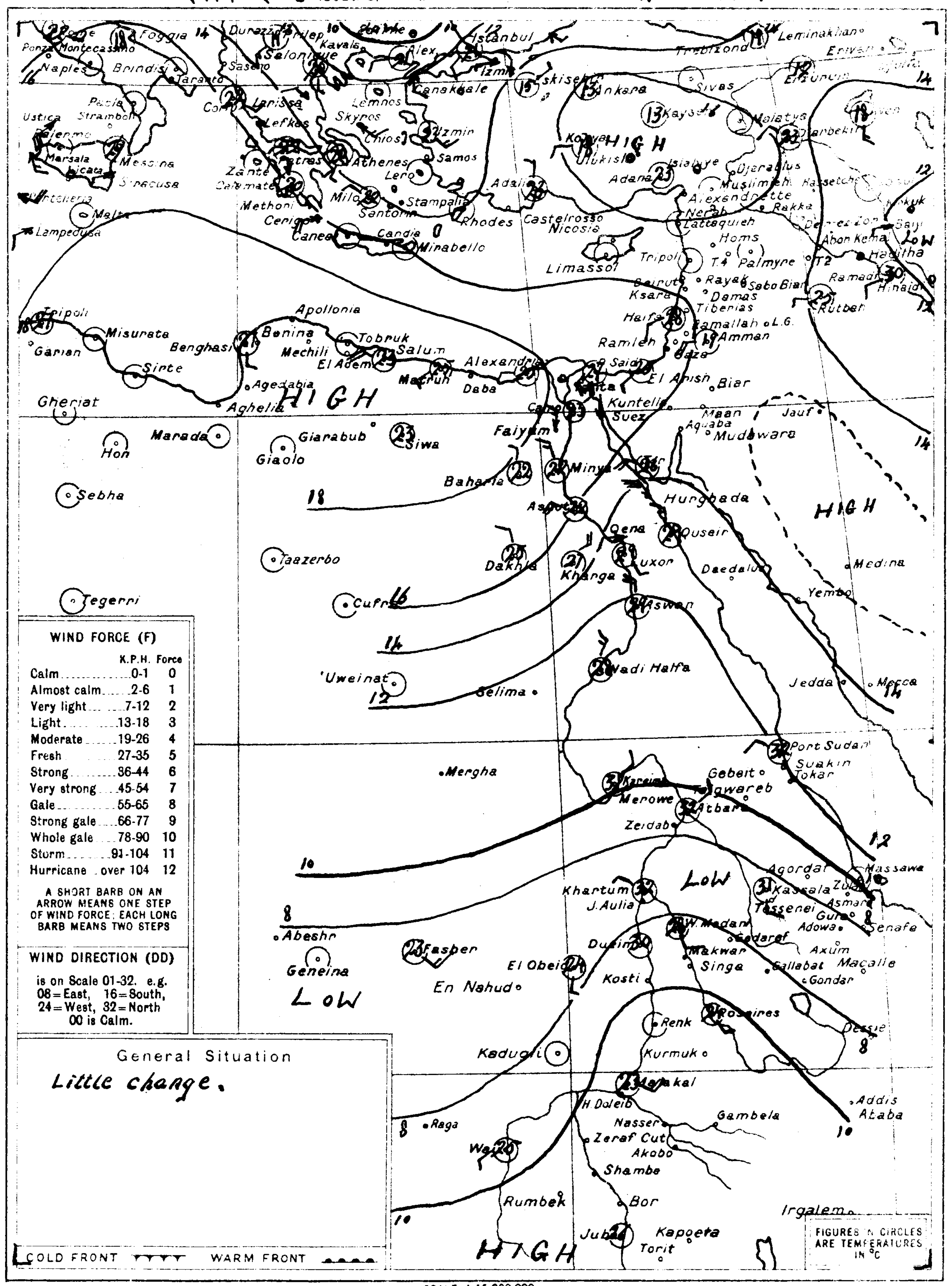
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
4-10	6470	8593
3-10	6409	8717

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-10	13.05	-0.69	13.20	-0.54
Nasser	3-10	10.48	+0.02	10.47	+0.02
Malakâl	4-10	12.19	-0.04	12.17	-0.06
Roseires	4-10	16.66	-0.51	17.00	-0.28
Sennâr Res	2-10	17.20	—	17.20	—
J. Aulia U.S	3-10	375.70	—	375.73	—
J. Aulia D.S	3-10	374.20	-0.63	374.28	-0.60
Khartûm	4-10	14.30	-0.56	14.40	-0.53
Kh. el Girba	3-10	12.45	+0.21	12.47	+0.17
'Atbara	4-10	13.56	-0.39	13.64	-0.38
Kajnarti	3-10	140.25	-0.25	140.25	-0.32
Aswân Res	4-10	97.00	—	97.00	—
Aswân D.S.	4-10	91.18	-0.21	91.13	-0.33
Roda (Cairo)	4-10	17.64	-0.81	17.59	-0.88

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

Isobars, Wind and Temperature at 8 h. 4-10-1939 ١٩٣٩-١٠-٤



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

Little change.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

STATION	8 h. on 4th: Present weather (ww)	Visibility (V)	Wind Dir. (DD)	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	22	1	0	0	—	14.3	+0.3	26	—	—	—	—	—	0	0	2
Haifa	02	—	22	2	—	4	—	16.4	+4.0	27.6	31	+1	22	+3	57	0	0	2
Haifa 3rd	01	—	00	0	—	3	—	15.4	+3.1	26.8	32	+2	22	+3	61	0	0	1

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 50 m
Sunset 17 h 36 m

Month **OCTOBER** 1939 ١٩٣٩ شهر اكتوبر

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 THURSDAY 5th (الساعة ٨ يوم الخميس ٥)

At 14 h. on 4th

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	01	9	04	5	0	1	Cu	17.5	29.5	61
	MATRUH	00	8	28	4	0	0	—	17.4	27.8	75
	DIKHEILA	01	8	28	3	1	2	Cu	17.2	27.0	75
	ALEXANDRIA	01	9	32	2	2	3	Cu	17.0	28.5	62
	DAMIETTA										
	PORT SAID	00	7	30	4	0	0	—	15.6	29.1	58
	EL 'ARISH	01	7	28	2	0	2	Cu	16.3	27.3	66
Lower Egypt	DAMANHUR										
	MANSURA										
	TANTA	01	7	00	0	1	3	Cu	16.0	31.5	48
	ZAGAZIG	01	9	30	1	0	2	Cu	15.8	31.4	62
Middle Egypt	Cairo ALMAZA	30	8	02	3	0	0	—	15.5	31.0	40
	Cairo EZBEKIYA	00	8	30	1	0	0	—	15.8	31.5	43
	Cairo GIZA	00	8	30	1	0	0	—	16.0	32.0	35
	HELWAN	00	8	30	4	0	0	—	15.5	31.0	32
	SUEZ	00	9	02	2	0	0	—	15.5	29.8	48
Upper Egypt	FAIYUM	00	8	32	3	0	0	—	15.6	31.2	37
	MINYA	00	7	30	4	0	0	—	14.7	31.7	38
	ASYUT	00	8	30	3	0	0	—	13.0	33.0	45
	QENA	00	8	26	2	0	0	—	10.4	36.7	38
	LUXOR	00	9	08	1	0	0	—	10.8	39.0	38
	ASWAN	00	7	28	4	0	0	—	8.3	41.0	10
Western Desert	SIWA	00	8	32	1	0	0	—	17.5	34.8	38
	BAHARIYA	00	9	32	2	0	0	—	15.2	31.8	47
	KHARGA	00	8	32	2	0	0	—	11.5	37.7	42
	DAKHLA	00	8	32	4	0	0	—	14.2	33.3	51
Red Sea	TOR	00	6	28	6	0	0	—	11.4	28.5	74
	HURGHADA	00	9	32	5	0	0	—	11.8	30.6	66
	QUSEIR	00	7	32	3	0	0	—	12.6	30.0	59
	PORT SUDAN										

At 8 h. on THURSDAY 5th

Station	ww	V	DD	F	W	N	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	00	6	30	5	0	0	—	16.0	-0.2	23.2	34	—	20	—	91	0	0	—	130
MATRUH	01	7	24	2	0	2	Cu	15.2	-0.5	25.8	28	+1	19	0	85	0	0	2	131
DIKHEILA	01	8	26	2	1	4	Cu	15.6	—	26.0	28	—	24	—	73	0	0	—	150
ALEXANDRIA	02	9	24	1	2	4	Cu	15.1	-0.7	25.2	29	0	24	+3	74	0	0	1	132
DAMIETTA	00	8	18	1	1	1	Cu	14.7	—	25.0	29	—	20	—	80	0	0	1	159
PORT SAID	01	7	26	3	1	2	Cu	14.3	+0.6	26.2	31	+2	23	+1	75	0	0	0	134
EL 'ARISH	00	7	00	0	0	0	—	16.0	—	24.5	29	—	18	—	77	0	0	1	135
DAMANHUR	01	8	32	2	1	3	Cu	15.6	+0.4	24.6	31	0	20	+3	80	0	0	1	136
MANSURA	00	8	20	1	0	0	—	14.8	—	24.6	32	0	20	+2	81	0	0	0	137
TANTA	01	7	00	0	1	3	Cu	15.2	-0.5	25.0	32	0	19	+2	84	0	0	0	138
ZAGAZIG	00	7	28	1	0	0	—	15.8	—	26.4	32	+1	18	+1	84	0	0	0	139
ALMAZA	05	6	02	1	2	4	St	15.5	—	24.0	32	—	20	—	75	0	0	—	141
EZBEKIYA	02	7	28	1	1	4	Ac	15.2	+0.4	23.6	33	+2	21	+3	81	0	0	0	—
GIZA	02	6	00	0	2	5	Ac	15.2	+0.3	22.3	33	+3	18	+1	88	0	0	0	—
HELWAN	05	6	32	1	0	3	Cu	15.2	+0.1	23.8	32	+2	20	+1	76	0	0	0	143
SUEZ	00	7	32	2	0	1	Cu	15.0	+0.7	23.5	31	-1	20	0	74	0	0	0	144
FAIYUM	00	7	32	2	0	0	—	15.5	+0.9	24.6	33	+1	19	+1	75	0	0	0	153
MINYA	00	8	32	3	0	0	—	14.6	0.0	23.6	32	+2	19	+1	72	0	0	—	154
ASYUT	00	6	22	3	0	0	—	14.2	+0.3	24.5	35	+4	20	+1	80	0	0	0	155
QENA	00	8	24	2	0	0	—	12.2	-0.1	25.7	39	+3	22	+3	64	0	0	—	156
LUXOR	00	9			0	0	—	12.0	—	29.2	40	—	21	—	56	0	0	—	157
ASWAN	00	7	32	3	0	0	—	11.4	-0.6	28.4	43	+5	25	+3	37	0	0	—	158
SIWA	00	8	00	0	0	0	—	17.2	+2.0	24.2	39	+6	18	+2	58	0	0	0	148
BAHARIYA	00	9	00	0	0	0	—	14.4	—	23.5	34	—	—	—	—	0	0	—	149
KHARGA	00	8	32	4	0	0	—	12.4	-1.0	28.2	38	+3	25	+6	46	0	0	0	151
DAKHLA	00	7	32	2	0	0	—	14.8	+0.5	25.8	35	0	23	+4	62	0	0	—	152
TOR	00	7	28	3	0	0	—	12.3	0.0	27.5	29	-1	19	-1	72	0	0	0	145
HURGHADA	00	9	30	4	0	0	—	11.8	-0.6	28.2	32	+1	22	+1	58	0	0	—	146
QUSEIR	00	7	32	3	0	0	—	12.4	+0.4	29.4	32	0	26	+2	50	0	0	0	147
PORT SUDAN	30	—	32	2	2	9	—	12.0	+1.4	31.3	37	+2	26	+1	70	0	0	1	169
WADI HALFA (North Sudan)	00	8	32	3	0	0	—	10.5	-1.8	27.7	42	+5	24	+4	27	—	—	—	165
KAREIMA	00	8	04	2	0	0	—	9.1	-1.1	32.2	41	0	26	+2	24	0	0	0	166
'ATBARA	00	—	12	2	0	0	—	9.0	-0.2	33.3	41	+1	27	+3	30	0	0	0	167
KHARTUM	01	8	22	2	1	4	Ac	7.7	-1.2	31.2	44	+4	27	+2	48	0	dr	1	168
KASSALA	01	8	14	2	0	2	Ci	9.0	-1.1	29.3	39	+1	25	+2	58	0	dr	1	170
WAD MEDANI (Central Sudan)	00	—	22	2	0	0	—	9.0	-0.6	29.0	38	0	23	+1	53	dr	1	2	171
DUEIM	00	—	—	—	0	0	—	9.1	-0.6	28.4	37	-1	23	+1	72	9	9	2	173
RENK	01	7	18	1	1	3	Sc	10.7	—	28	35	—	—	—	60	0	—	—	182
ROSEIRES	00	—	14	1	0	0	—	10.2	-0.5	26.4	34	-1	20	0	69	0	dr	4	172
EL OBEID	01	8	16	1	1	3	AcCu	8.5	-2.7	25.0	37	+1	21	0	68	0	tr	2	174
EL FASHER	01	8	02	2	1	4	AcAs	—	—	25.5	35	-1	22	+3	63	0	0	1	175
GENEINA	05	7	12	1	1	0	—	—	—	20.7	37	—	16	—	82	0	—	—	179
KADUGLI	01	7	20	5	1	2	Ac	10.7	—	21.	34		18		90	0	—	—	187
MALAKAL (S. Sudan)	01	8	06	2	0	3	AcCu	9.1	-2.1	27.9	33	0	25	+3	78	0	29	10	176
WAU	00	—	24	1	6	0	—	8.7	-1.9	23.6	35	+1	20	0	81	16	30	16	177
JUBA	03	8	20	2	1	8	Cs	10.1	-1.6	24.7	34	0	20	0	68	0	0	12	178

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

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

SALUM 7h	MATRUH 7h	DIKHEILA	MINYA 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 4h	KHARTUM 7h	KASSALA 7h	EL OBEID 6h	MALAKAL 6h	JUBA 6h	EL FASHER 6h
02 33 30	02 24 35		02 36 30	02 33 10	02 30 15	02 36 20	03 35 20	06 09 35	06 22 25	06 19 15	07 26 15	06 28 10	06 27 20	09 16 10
05 35 50	05 31 05		05 01 20	05 02 20	05 02 20	05 04 20	06 06 25	10 10 30	10 23 25	10 22 15	10 25 10	10 27 15	10 27 55	10 19 15
10 36 60	10 31 10		10 36 25	08 03 20	10 01 35	10 06 25	10 05 45	15 08 15	15 22 20	15 05 05	15 12 05	15 22 05	15 27 25	15 19 25
15 35 50	12 32 10		15 01 10	10 36 20	15 35 40	15 14 15	15 05 40	20 07 20	20 17 05	20 11 15	20 11 20	20 13 15	20 34 10	20 16 10
20 35 45			20 01 15	15 02 20	20 30 30	20 13 10	20 05 20	30 06 15	30 07 30	30 05 20	30 08 25	30 12 15	30 18 25	30 07 10
22 35 65			25 34 10	19 34 30	25 26 10	25 36 25	30 08 15	40 07 15	40 07 25	34 04 25	39 07 35	40 09 35	40 18 35	40 04 10
							34 11 10		45 09 30			50 04 10	50 15 30	
												60 09 10	60 16 25	
												70 13 15	70 16 25	
												75 14 15	71 15 30	

Forecast for 24 hours from noon on 5th

Light to moderate winds chiefly between north and northwest.
Occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٥
رياح بين الخفيفة والمعتدلة أكثرها بين شمالية وشمالية غربية
يظهر بعض السحاب المتوسط الارتفاع أحيانا
ولا تتغير درجة الحرارة إلا قليلا

Mean of day

Station	Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	71	+3	22.4	+2.6
Ezbekiya	62	-3	21.4	+1.1
Giza	66	-1	21.0	+0.8
Helwan	56	+2	20.1	+2.3

Giza Grass minimum on 5th 11.5 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1939	1938
5-10	6406	8524
4-10	6470	8593

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	4-10	13.00	-0.74	13.05	-0.69
Nasser	4-10	10.48	+0.02	10.48	+0.02
Malakal	5-10	12.19	-0.04	12.19	-0.04
Roseires	5-10	16.58	-0.48	16.66	-0.51
Sennar Res	4-10	17.20	—	17.20	—
J. Aulia U.S	4-10	375.71	—	375.70	—
J. Aulia D.S	4-10	374.14	-0.64	374.20	-0.63
Khartum	4-10	14.30	-0.56	14.40	-0.53
Kh. el Girba	4-10	12.45	+0.29	12.45	+0.21
Atbara	5-10	13.49	-0.40	13.56	-0.39
Kajnarti	4-10	140.22	-0.21	140.25	-0.25
Aswan Res.	5-10	97.00	—	97.00	—
Aswan D.S.	5-10	91.17	-0.18	91.18	-0.21
Roda (Cairo)	5-10	17.64	-0.78	17.64	-0.81

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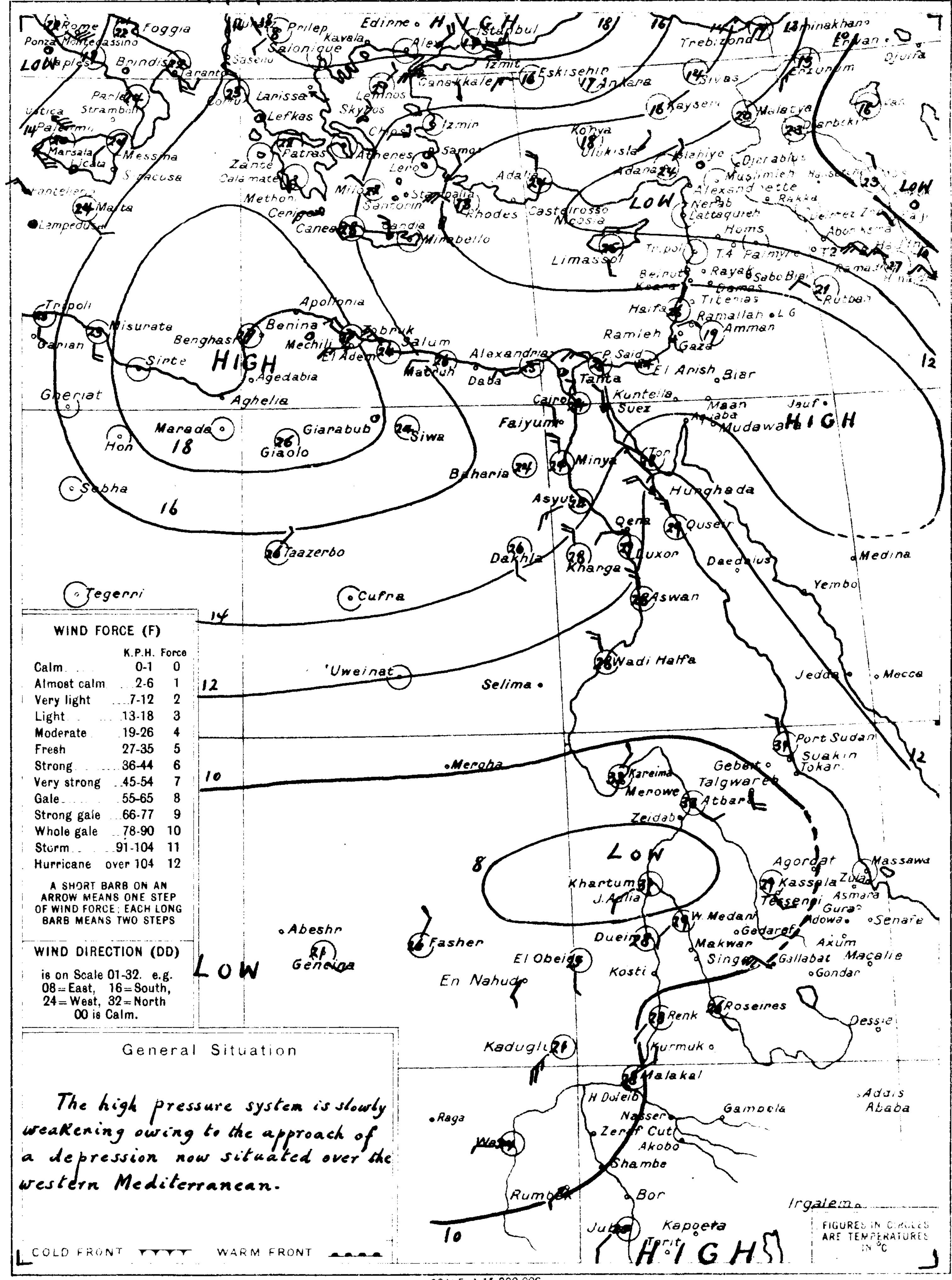
Isobars, Wind and Temperature at 8 h. 5-10-1939 ١٩٣٩-١٠-٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 weakening owing to the approach of a depression now situated over the western Mediterranean.

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 5-10-1939 ١٩٣٩-١٠-٥ الساعة ٨

Station	ww	V	DD	F	W	N	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	Total from Oct 1	Normal from Oct 1
LIMASSOL	09	6	16	1	0	0	—	13.0	-1.2	25	—	—	—	—	—	0	0	3
HAIFA	01	—	02	1	—	3	—	14.7	+2.1	25.7	30	0	22	+3	66	0	0	2

SHIPS سفن

Remark

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
Rain and Fog	67
Rain and Snow	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, Trace, 1 Tenth, 2, 3 Tenths, 4, 5, 6 Tenths, 7, 8 Tenths, 9 Tenths, Over 9 tenths, Overcast, Fog or mist

CLOUD FORM (C)

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

CAIRO
Time of Sunrise h 05 m 51
" " Sunset 17 35

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

At 14 h. on 5-10 الساعة ١٤ يوم ٦/١٠ — At 8 h. on FRIDAY 6th الجمعة الساعة ٨ يوم ٦-١٠-٣٩ Isobars, Wind and Temperature at 8 h. 6-10-39

	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. Dry Bulb °C TTT	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN	SALÛM	00	8	02	6	0	0	—	14.6	27.4	54	0	0	—	130
	MATRÛH	01	6	30	2	0	2	Cu	14.0	26.7	86	0	0	2	131
	DIKHEILA	01	8	28	2	1	4	Cu	15.2	26.7	73	00	8	12	150
	ALEXANDRIA	02	9	28	2	2	4	Cu	13.9	28.1	64	01	9	00	132
	DAMIETTA											01	8	02	159
	PORT SAÏD	00	7	28	4	1	0	—	12.8	30.0	62	00	8	28	134
	EL 'ARÎSH	00	7	30	3	0	2	Cu	12.6	27.5	67	00	7	00	135
LOWER EGYPT	DAMANHÛR											01	7	28	136
	MANŞÛRA											00	8	02	137
	TANTA	02	7	00	0	1	5	Cu	12.8	31.0	53	02	7	00	138
	ZAGAZÎG	01	9	30	2	0	3	Cu	12.8	31.8	66	00	8	30	139
CAIRO	ALMAZA	00	8	28	2	0	1	Cu	13.1	30.3	47	01	7	04	141
	EZBEKIYA	00	7	32	2	0	0	—	12.6	31.1	49	05	6	00	—
CAIRO	GIZA	00	7	32	2	0	0	—	12.7	30.6	50	05	6	00	0
	HELWAN	00	8	28	2	0	0	—	12.2	30.1	45	05	6	00	143
	SUEZ	00	9	30	2	0	0	—	12.3	30.3	46	00	8	32	144
UPPER EGYPT	FAIYUM	00	8	32	4	0	0	—	12.0	31.0	43	00	8	32	153
	MINYA	00	9	30	3	0	0	—	11.6	31.9	41	00	9	02	154
	ASYÛT	00	8	22	3	0	0	—	11.0	32.0	40	00	7	28	155
	QENA	00	8	26	1	0	0	—	9.3	37.0	28	00	7	22	156
	LUXOR	00	9	40	1	0	0	—	9.1	38.9	37	00	9	00	157
	ASWAN	00	7	32	3	0	0	—	6.3	41.0	12	00	7	00	158
WESTERN DESERT	SÎWA	00	8	08	1	0	0	—	14.4	35.0	38	00	8	00	148
	BAHARÎYA	00	9	32	1	0	0	—	12.0	31.5	39	00	9	00	149
	KHARGA	00	8	32	3	0	0	—	11.0	36.8	49	00	8	32	151
	DÂKHLA	00	8	02	2	0	0	—	11.9	34.6	51	00	7	20	152
RED SEA	TÛR	00	7	28	4	0	0	—	9.3	30.0	70	00	6	28	145
	HURGHÂDA	00	9	32	4	0	0	—	9.4	30.8	65	00	9	30	146
	QUSEIR	00	7	02	2	0	1	Cu	11.2	29.2	63	00	7	32	147
	PORT SUDAN											40	-	32	169
NORTH SUDAN	WÂDI HALFA											00	8	32	165
	KAREIMA											00	7	06	166
	'ATBARA											00	—	12	167
	KHARTÛM											25	8	28	168
	KASSALA											01	8	14	170
CENTRAL SUDAN	WAD MEDANI											00	—	16	171
	DUEIM											01	—	—	173
	RENK														182
	ROSEIRES											00	—	14	172
	EL OBEID											05	8	18	174
	EL FASHER											03	8	08	175
	GENEINA											02	8	20	179
	KADUGLI														187
S. SUDAN	MALAKÂL											03	8	14	176
	WAU											03	-	20	177
	JUBA											03	8	50	178

	STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	BAR. PRESSURE Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm. °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN	SALÛM	01	6	30	2	0	2	Sc	15.1	-1.1	23.7	34	—	19	—	90	0	0	—	130
	MATRÛH	01	7	24	1	0	2	Cu	14.2	-1.6	25.2	32	+5	20	+1	89	0	0	2	131
	DIKHEILA	00	8	12	1	1	1	Cu	14.7	—	26.3	27	—	21	—	71	0	0	—	150
	ALEXANDRIA	01	9	00	0	2	3	Cu	14.0	-1.9	25.0	29	0	22	+1	80	0	0	1	132
	DAMIETTA	01	8	02	1	1	2	Ac	12.2	—	26.5	29	—	21	—	66	0	0	1	159
	PORT SAÏD	00	8	28	2	1	0	—	13.5	-0.3	28.2	31	+2	23	+1	64	0	0	0	134
	EL 'ARÎSH	00	7	00	0	0	0	—	13.0	—	25.0	30	—	19	—	77	0	0	1	135
LOWER EGYPT	DAMANHÛR	01	7	28	2	1	3	Cu	14.4	-0.9	25.3	31	0	20	+3	80	0	0	1	136
	MANŞÛRA	00	8	02	1	0	0	—	13.6	—	24.2	32	0	20	+2	82	0	0	0	137
	TANTA	02	7	00	0	1	5	Cu	13.9	-1.9	26.0	32	0	18	+1	73	0	0	0	138
	ZAGAZÎG	00	8	30	1	0	0	—	14.7	—	26.9	32	+1	19	+2	80	0	0	0	139
CAIRO	ALMAZA	01	7	04	2	1	4	Sc	13.8	—	23.7	31	—	20	—	75	0	0	—	141
	EZBEKIYA	05	6	00	0	2	4	Sc	13.6	-1.3	23.8	33	+2	20	+2	84	0	0	0	—
CAIRO	GIZA	05	6	00	0	2	4	Sc	13.6	-1.4	23.0	32	+2	18	+2	87	0	0	0	—
	HELWAN	05	6	00	0	0	0	—	13.4	-1.8	23.0	31	+1	19	0	78	0	0	0	143
	SUEZ	00	8	32	2	0	0	—	13.0	-1.4	23.7	32	0	21	+1	80	0	0	0	144
UPPER EGYPT	FAIYUM	00	8	32	2	0	0	—	12.8	-1.9	24.2	34	+2	20	+2	76	0	0	0	153
	MINYA	00	9	02	2	0	0	—	11.9	-2.8	24.2	32	+2	21	+3	76	0	0	—	154
	ASYÛT	00	7	28	2	0	0	—	12.7	-1.3	26.0	32	+1	20	+1	69	0	0	0	155
	QENA	00	7	22	2	0	0	—	11.4	-1.0	26.3	40	+4	23	+4	65	0	0	—	156
	LUXOR	00	9	00	1	0	0	—	11.1	—	29.5	40	—	21	—	58	0	0	—	157
	ASWAN	00	7	00	0	0	0	—	10.7	-1.4	31.8	42	+4	24	+2	29	0	0	—	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	16.0	+0.7	24.4	37	+4	18	+2	81	0	0	0	148
	BAHARÎYA	00	9	00	0	0	0	—	14.7	—	23.1	32	—	19	—	88	0	0	—	149
	KHARGA	00	8	32	3	0	0	—	11.4	-2.1	28.7	37	+2	21	+2	50	0	0	0	151
	DÂKHLA	00	7	20	2	0	0	—	13.5	-0.9	24.6	36	+2	19	+1	63	0	0	—	152
RED SEA	TÛR	00	6	28	4	0	0	—	11.1	-1.3	26.5	30	0	24	+4	86	0	0	0	145
	HURGHÂDA	00	9	30	4	0	0	—	10.6	-1.9	28.2	32	+1	25	+4	62	0	0	—	146
	QUSEIR	00	7	32	2	0	0	—	11.4	-0.8	29.0	31	0	25	+1	58	0	0	0	147
	PORT SUDAN	40	-	32	2	2	9	—	10.3	-0.5	31.0	36	+1	25	0	73	0	0	2	169
NORTH SUDAN	WÂDI HALFA	00	8	32	3	0	0	—	9.5	-2.9	—	41	+4	—	—	—	—	—	—	165
	KAREIMA	00	7	06	1	0	0	—	8.9	-1.3	30.1	42	+1	26	+2	30	0	0	0	166
	'ATBARA	00	—	12	2	0	0	—	8.0	-1.3	33.5	41	+1	27	+3	35	0	0	0	167
	KHARTÛM	25	8	28	3	1	6	St	8.2	-0.7	30.0	41	+1	28	+4	53	dr	dr	;	168
	KASSALA	01	8	14	1	1	3	Ac	8.6	-1.5	28.6	39	+1	25	+2	58	0	dr	2	170
CENTRAL SUDAN	WAD MEDANI	00	—	16	3	0	0	—	9.0	-0.6	28.1	38	0	23	+1	60	0	1	2	171
	DUEIM	01	—	—	—	0	4	—	10.4	+0.8	28.2	38	0	24	+2	66	0	9	2	173
	RENK																			182
	ROSEIRES	00	—	14	1	0	0	—	10.2	-0.4	26.4	36	+1	20	0	73	0	dr	5	172
	EL OBEID	05	8	18	3	1	8	Ac,Cu	8.7	-2.4	25.5	37	+1	21	0	61	dr	tr	3	174
	EL FASHER	03	8	08	3	1	6	As,Cu	—	—	24.0	35	-1	21	+2	68	0	0	1	175
	GENEINA	02	8	20	2	1	5	Ac,As	—	—	21.6	36	—	18	—	82	tr	tr	—	179
	KADUGLI																		—	187
S. SUDAN	MALAKÂL	03	8	14	2	1	7	St,Ac	11.0	-0.2	22.6	31	-3	20	-2	96	7	36	13	176
	WAU	03	-	20	1	6	7	—	10.5	-0.1	23.0	33	-1	20	0	89	1	31	20	177
	JUBA	03	8	50	4	6	7	St	12.0	+0.4	24.4	34	0	22	+2	75	1	1	15	178

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

UPPER WINDS ON 6th الرياح العليا يوم ٦

SALUM h. m.	MATRÛH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWAN h. m.	ASYÛT h. m.	ASWAN h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKÂL h. m.	JUBA h. m.	MINYA AIR h. m.
02.31.20							03.02.10		06.21.40		07.21.20			02.01.15
04.07.15							06.09.20	06.01.25	10.19.25	06.19.15	10.20.25	06.25.10	06.31.25	05.02.30
10.10.30							10.10.30	10.01.65	15.11.15	10.17.15	15.15.25	10.21.10	10.30.25	10.07.25
08.06.45							15.10.30	15.02.45	20.05.20	15.15.25	20.11.15	15.16.15	15.31.25	15.12.10
10.03.20							20.11.35	20.04.20	30.06.20	20.10.15	30.09.30	20.17.25	20.29.10	20.23.10
15.01.25							30.08.15	27.07.15	33.05.20	30.05.25	37.10.25	30.13.35	30.18.25	25.22.30
20.36.35							4009.15			40.03.25		36.10.35	40.19.35	30.22.30
40.21.30							41.08.15			44.01.20				35.22.25
														40.24.20
														45.26.25

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

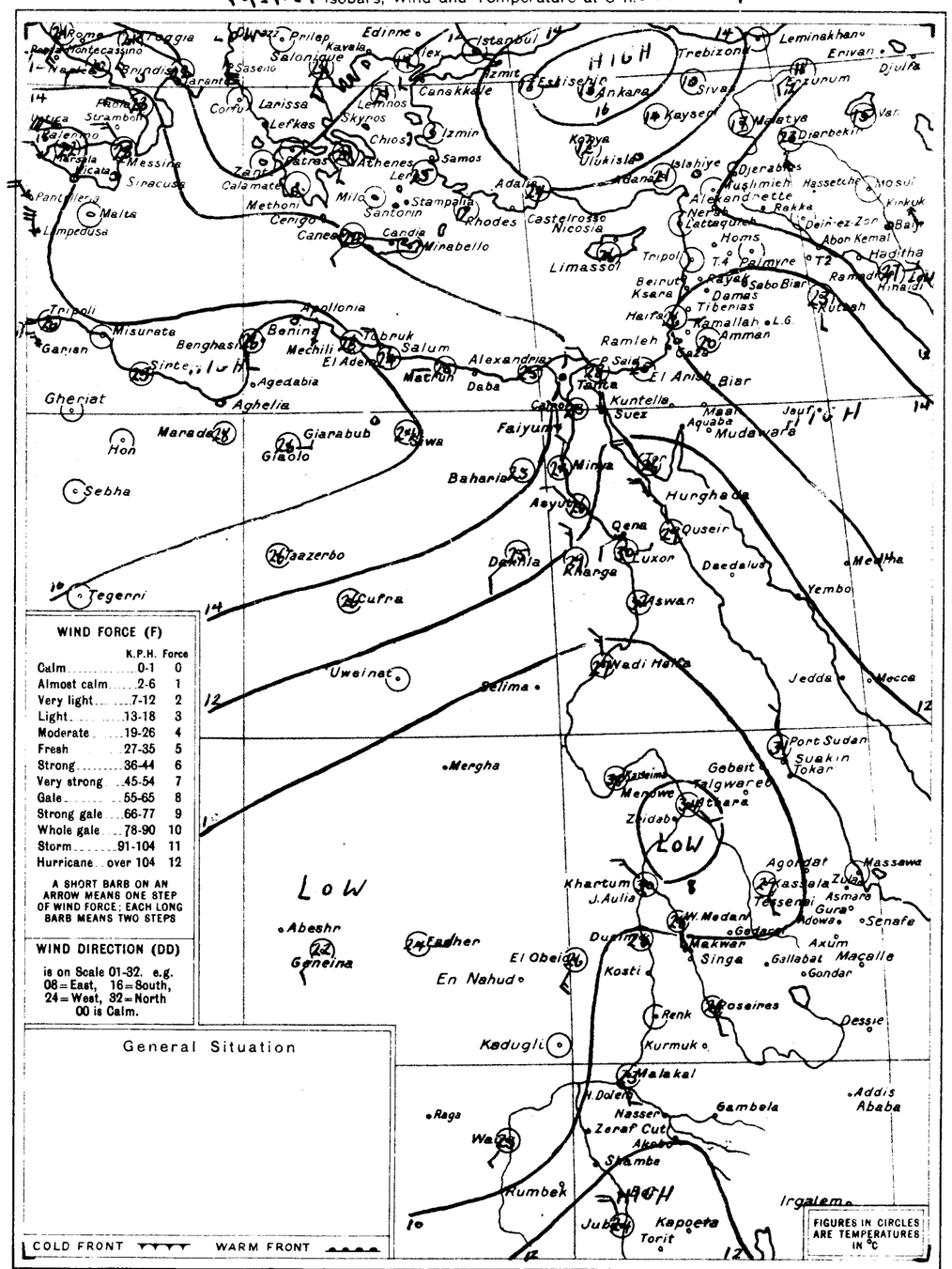
STATION	Mean of day HUMIDITY % on 5th	Mean of day HUMIDITY % Diff. from normal	Mean of day WET BULB TEMP. °C on 5th	Mean of day WET BULB TEMP. °C Diff. from normal
Alexandria	72	+4	22.2	+2.4
Ezbekiya	66	+1	22.2	+2.0
Giza	73	+6	22.1	+2.0
Helwân	59	+5	21.2	+3.4

Giza Grass minimum on 6th 11.6 °C

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

DATE	1939	1938
6-10	5898	8240
5-10	6406	8524

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4-10	13.00	-0.74	13.05	-0.69
Nâsser	4-10	10.48	+0.02	10.48	+0.02
Malakâl	5-10	12.19	-0.04	12.19	-0.04
Roseires	5-10	16.58	-0.48	16.66	-0.51
Sennâr Res	6-10	17.19	—	17.23	—
J. Aulia U.S	4-10	375.71	—	375.70	—
J. Aulia D.S	4-10	374.14	-0.64	374.20	-0.63
Khartûm	4-10	14.30	-0.56	14.40	-0.53
Kh. el Girba	4-10	12.45	+0.29	12.45	+0.21
'Atbara	5-10	13.49	-0.40	13.56	-0.39
Kajnarti	4-10	140.22	-0.21	140.25	-0.25
Aswân Res.	6-10	97.53	—	97.00	—
Aswân D.S.	6-10	91.00	-0.28	91.17	-0.18
Roda (Cairo)	5-10	17.64	-0.78	17.64	-0.81



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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	PRESENT WEATHER 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.s. PPP	BAR. PRESSURE Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm. °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
Limassol	00	7	00	0	0	0	—	13.4	-0.9	26	—	—	—	—	—	0	0	4
Haifa	00	—	08	2	—	0	—	13.9	+1.2	264	29	0	20	+1	57	0	0	3
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (w w)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. m 05 51
" " Sunset 17 34

Month OCTOBER 1939 ١٩٣٩ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 6th الساعة ١٤ يوم ٦

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
SALUM	00	8	06	2	0	1	cu	13.4	27.6	60
MATRUH	01	8	30	4	0	2	cu	12.7	27.0	84
DIKHEILA	00	8	28	1	1	1	cu	13.5	26.9	73
ALEXANDRIA	01	9	02	1	2	3	cu	12.7	29.0	61
DAMIETTA										
PORT SAID	00	8	04	2	0	0	—	12.3	29.2	64
EL ARISH	00	7	02	3	0	0	—	12.0	27.8	72
DAMANHUR										
MANSURA										
TANTA	02	7	00	0	1	4	Ac	12.8	32.0	49
ZAGAZIG	00	9	30	1	0	0	—	11.6	32.9	60
CAIRO ALMAZA	00	8	02	2	0	0	—	11.9	32.1	44
CAIRO EZBEKIYA	00	8	30	1	0	0	—	11.2	32.1	43
CAIRO GIZA	00	8	30	1	0	0	—	11.2	32.1	43
HELWAN	00	8	28	3	0	0	—	10.7	31.9	33
SUEZ	00	9	28	1	0	0	—	10.6	33.3	34
FAIYUM	00	8	00	0	0	0	—	10.8	32.8	39
MINYA	00	8	02	3	0	0	—	10.2	31.7	37
ASYUT	00	8	26	3	0	0	—	9.8	32.2	43
QENA	00	8	26	2	0	0	—	7.0	37.0	33
LUXOR	00	9	22	1	0	0	—	8.7	40.5	—
ASWAN	00	7	24	1	0	0	—	5.9	41.0	13
SIWA	00	8	00	0	0	0	—	13.5	34.1	73
BAHARIYA	00	9	32	1	0	0	—	12.2	31.2	41
KHARGA	00	8	32	2	0	0	—	8.7	37.4	47
DAKHLA	00	8	04	2	0	0	—	11.0	35.4	50
TOR	00	7	28	3	0	0	—	8.3	30.2	77
HURGHADA	00	9	02	2	0	0	—	8.8	31.9	41
QUSEIR	00	7	02	1	0	1	Ci	—	29.8	60
PORT SUDAN										

At 8 h. on SATURDAY 7th الساعة ٨ يوم السبت ٧

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	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	09	5	26	2	4	3	Sc.	15.5	-0.8	20.8	29	—	18	—	100	0	0	—	130
MATRUH	01	8	24	1	0	2	cu	14.7	-1.2	24.2	28	+1	21	+2	90	0	0	3	131
DIKHEILA	01	8	12	1	1	3	Sc.	15.0	—	25.4	28	—	21	—	73	0	0		150
ALEXANDRIA	02	9	00	0	2	4	cu	14.6	-1.4	25.6	30	+1	22	+1	71	0	0	1	132
DAMIETTA	01	8	28	2	1	3	cu	14.2	—	25.5	28	—	21	—	71	0	0	1	159
PORT SAID	02	—	04	2	1	4	[illegible]	14.7	+0.5	28.2	32	+3	23	+2	65	0	0	1	134
EL ARISH	00	7	18	1	0	2	cu	13.1	—	26.0	27	—	17	—	78	0	0	1	135
DAMANHUR	01	8	02	2	1	3	cu	15.0	-0.5	25.2	33	+2	19	+2	77	0	0	1	136
MANSURA	01	8	02	2	1	3	Sc.	14.6	—	24.9	33	+1	21	+3	77	0	0	1	137
TANTA	02	7	00	0	1	5	cu	14.1	-1.2	24.0	33	+1	18	+1	83	0	0	1	138
ZAGAZIG	00	7	30	1	4	1	cu	15.2	—	25.4	34	+3	19	+2	92	0	0	0	139
CAIRO ALMAZA	05	6	02	2	0	0	—	14.2	—	25.0	33	—	20	—	74	0	0	—	141
CAIRO EZBEKIYA	08	4	00	0	0	0	—	14.4	-0.6	23.5	34	+3	20	+2	84	0	0	0	—
CAIRO GIZA	05	6	30	1	0	0	—	14.0	-1.0	22.0	32	+2	19	+3	91	0	0	1	—
HELWAN	05	5	00	0	0	0	—	14.2	-1.1	23.7	33	+3	20	+2	69	0	0	0	143
SUEZ	00	8	28	2	0	0	—	13.6	-0.8	25.2	34	+2	22	+2	75	0	0	0	144
FAIYUM	00	7	02	1	0	0	—	14.4	-0.4	26.5	35	+3	20	+2	65	0	0	0	153
MINYA	00	7	30	1	0	0	—	14.3	-0.5	25.8	32	+2	20	+2	64	0	0	—	154
ASYUT	00	6	22	3	0	0	—	13.8	-0.3	26.0	33	+2	21	+2	69	0	0	0	155
QENA	00	7	24	2	0	0	—	11.8	-0.7	27.2	39	+3	23	+4	63	0	0	—	156
LUXOR	00	9	30	1	0	0	—	11.5	—	28.0	42	—	21	—	62	0	0	—	157
ASWAN	00	7	32	1	0	0	—	11.2	-1.0	28.4	43	+5	25	+3	41	0	0	—	158
SIWA	00	8	00	0	0	0	—	15.4	0.0	25.0	37	+4	16	0	62	0	0	0	148
BAHARIYA	00	9	00	0	0	0	—	14.3	—	23.3	33	—	19	—	81	0	0	—	149
KHARGA	00	8	04	1	0	0	—	12.2	-1.4	31.2	38	+2	24	+5	43	0	0	0	151
DAKHLA	00	7	00	0	0	0	—	14.4	0.0	25.3	38	+4	20	+2	70	0	0	—	152
TOR	00	7	28	3	0	0	—	11.6	-0.9	27.5	32	+2	20	0	80	0	0	0	145
HURGHADA	00	9	30	3	0	0	—	11.5	-1.1	27.8	33	+2	21	0	65	0	0	—	146
QUSEIR	00	7	32	1	0	0	—	11.5	-0.8	30.7	31	0	23	-1	51	0	0	0	147
PORT SUDAN	00	—	30	1	0	0	—	12.0	+1.1	31.7	37	+3	26	+1	72	0	0	2	169
WADI HALFA	00	8	32	2	0	0	—	10.1	-2.3	28.4	41	+4	22	+2	27	—	—	—	165
KAREIMA	05	6	18	3	0	2	Ac.	11.2	+0.9	29.9	42	+1	27	+3	47	0	0	0	166
ATBARA	00	—	24	2	0	0	—	10.7	+1.4	31.3	41	+1	27	+3	37	0	0	0	167
KHARTUM	03	8	28	1	8	7	Ac, As	8.9	0.0	27.8	40	0	24	0	63	1	1	1	168
KASSALA	01	8	14	2	1	4	Ac.	10.2	+1.0	28.0	39	+1	24	+1	63	0	dr	2	170
WAD MEDANI	00	—	00	0	0	0	—	10.0	+0.5	28.0	38	-1	20	-2	60	1	2	3	171
DUEIM	02	—	—	—	0	4	—	10.0	+0.4	27.0	37	-1	23	+1	66	0	9	2	173
RENK									—			—		—				—	182
ROSEIRES	00	—	10	1	1	0	—	12.2	+1.6	25.3	36	+1	19	-1	75	0	dr	6	172
EL OBEID	03	8	24	1	1	7	Ac	11.5	+0.4	23.3	35	-1	21	0	74	3	3	4	174
EL FASHER	01	8	10	2	1	4	Ac, Ci	—	—	26.1	34	-2	22	+3	63	0	0	2	175
GENEINA	03	8	24	1	1	6	Ac, Ac	—	—	23.0	34	—	21	—	77	0	tr	—	179
KADUGLI																		—	187
MALAKAL	03	8	04	2	1	7	Cs.	11.5	+0.3	24.9	32	-2	21	-1	84	0	36	15	176
WAU	00	—	32	1	0	0	—	10.1	-0.4	24.8	30	-4	21	+1	89	0	31	25	177
JUBA	22	9	00	0	1	5	cu	12.0	+0.4	23.9	31	-3	21	+1	91	0	1	18	178

UPPER WINDS ON 7th الرياح العليا يوم ٧

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	MINYA A.P. (CAIRO A.P.) 7 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN	WADI HALFA 4 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	P. Said A.P. 6 h.
02 33 10	02 35 15		02 03 10	02 31 [illegible]	02 31 15		03 03 25	06 19 45	06 28 05	06 18 20	07 35 15	06 04 15	06 15 10	02 06 10
05 04 10	05 35 15		05 36 20	05 04 15	05 35 30		06 05 25	10 20 30	10 04 20	10 18 10	10 36 25	10 16 10	10 13 25	05 05 10
10 02 15	10 03 20		10 34 20	05 03 20	10 34 30		10 06 25	15 05 05	15 05 25	15 19 10	15 29 15	15 05 00	15 14 25	07 04 20
15 01 20	15 03 20		15 32 00	10 04 20	15 34 20		15 05 15	20 05 25	20 08 25	20 12 10	20 30 20	20 13 10	20 13 30	
20 03 30	18 05 15		20 22 25	15 22 05	20 31 20		20 [illegible] 10	30 15 10	25 09 30	30 06 10	30 16 10	30 11 30	30 17 25	
25 03 35				20 21 20			30 26 05	33 09 05	30 07 25	40 05 25	40 12 30	40 09 35	40 19 20	
27 02 35				23 21 25			40 26 20		40 11 35	50 05 05		50 10 25		
				25 22 35			50 29 20		50 11 50	57 34 05		60 07 10		
							58 24 10		57 12 40			63 16 05		

Forecast for 24 hours from noon on

Light to moderate winds chiefly northeasterly. Clear or occasional low cloud. Rather warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

رياح ما بين الخفيفة والمعتدلة أغلبها شمالية شرقية
السماء صحو أو يظهر بها بعض السحاب المنخفض
والطقس مائل نوعا للحرارة

STATION	Mean of day: Humidity % on 6th	Diff. from normal	Wet bulb temp. °C on 6th	Diff. from normal
Alexandria	77	+9	22.7	+2.1
Ezbekiya	66	+1	22.4	+2.2
Giza	75	+8	22.4	+1.0
Helwan	60	+6	20.7	+3.0

Giza Grass minimum on 7th 12.9°C

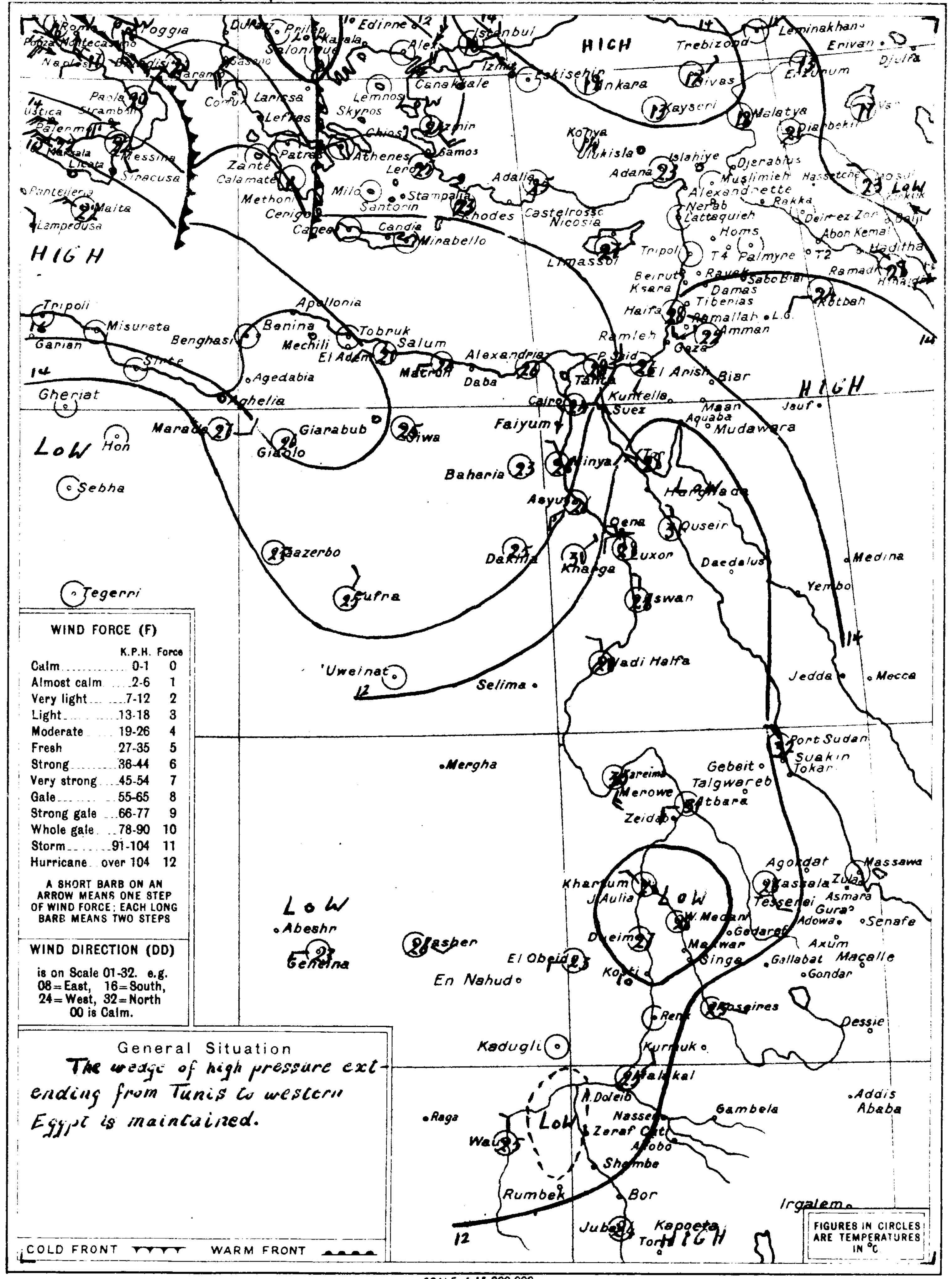
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
7-10	5550	8110
6-10	5898	8240

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6-10	13.05	-0.69	13.03	-0.71
Nasser	6-10	10.50	+0.02	10.49	+0.03
Malakal	7-10	12.19	-0.06	12.19	-0.05
Roseires	7-10	16.20	-0.65	16.40	-0.57
Sennar Res	6-10	17.19	—	17.23	—
J. Aulia U.S	6-10	375.70	—	375.71	—
J. Aulia D.S	6-10	373.96	-0.72	374.04	-0.69
Khartum	6-10	14.10	-0.62	14.20	-0.57
Kh. el Girba	6-10	12.40	+0.33	12.42	+0.27
Atbara	6-10	13.40	-0.43	13.49	-0.40
Kajnarti	6-10	140.01	-0.27	140.14	-0.23
Aswan Res.	7-10	93.50	—	97.53	—
Aswan D.S.	7-10	90.67	-0.42	91.00	-0.26
Roda (Cairo)	7-10	17.64	-0.75	17.64	-0.7[illegible]

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

١٩٣٩-١٠-٧ Isobars, Wind and Temperature at 8 h. 7-10-1939



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 Tunis to 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 7th الساعة ٨ يوم ٧

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	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	1	00	0	0	0	—	13.9	-0.4	27	—	—	—	—	—	0	0	4
Haifa	00	—	10	1	—	0	—	14.3	+1.5	21.5	29	0	22	+4	56	0	0	3
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
Thick Haze	05
Dust Devils	06
Distant Lightning	07
[illegible]	08
[illegible]	09
[illegible]	10
Thunder [illegible]	11
Distant [illegible]	12
Squalls	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

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

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

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

CLOUD FORM (C)	
Cirrus	Ci
Cirro-cumulus	Cc
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
Sunset h m

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

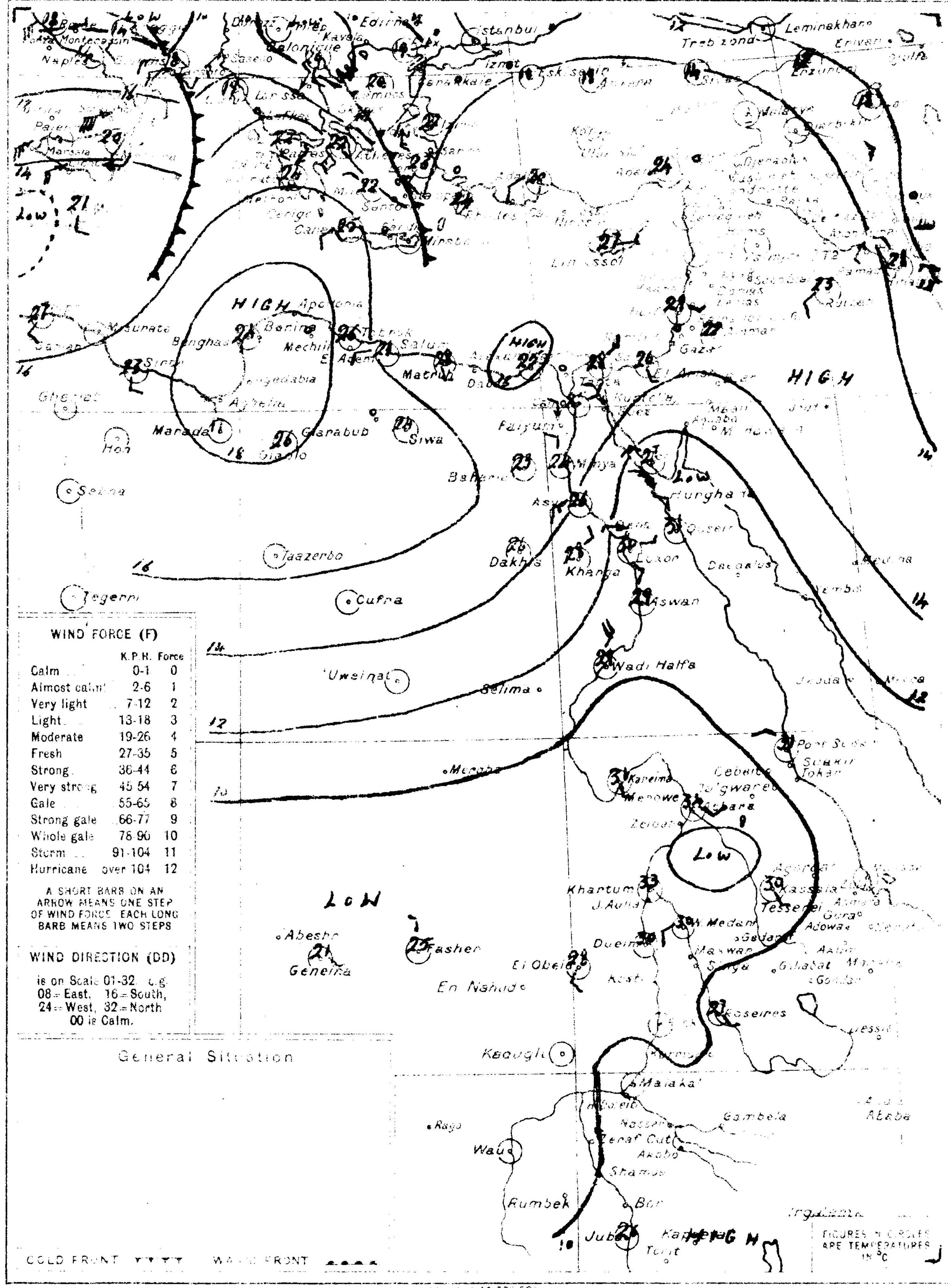
DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

At 19 h. on 7th ... At 8 h. on SUNDAY 8th الأحد ٨ الساعة ٨ يوم

STATION	19h Pres. weather	19h Visib.	19h Wind Dir	19h Force	19h Past weather	19h Cloud Amount	19h Form	19h Bar. press.	19h Dry	19h Humidity	8h Present weather	8h Visibility	8h Wind Dir	8h Force	8h Past weather	8h Cloud Amount	8h Form	8h M.S.L. 1000+ mbs	8h Diff. from norm.	Temp. Dry	Max. yesterday	Diff. from norm.	Min. today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct. 1	Normal	Station No.
SALUM	[illegible]	[illegible]	24	3	0	/	cu	14.2	21.1	75	42	6	24	2	4	3	Sc	15.2	-1.2	21.2	30		16		76	0	0		130
MATRUH	[illegible]	[illegible]	32	1	0	0	—	14.2	27.0	34	[illegible]	[illegible]	16	1	0	2	cu	15.4	-0.5	23.0	28	+1	20	+1	66	0	0	3	131
DABAA	31	[illegible]	32	3	1	2	cu	14.4	26.2	77	01	8	00	0	1	3	Sc.	17.1	—	25.7	28		20		76	0	0		132
ALEXANDRIA	[illegible]	[illegible]	32	2	2	3	cu	13.8	[illegible]	11	01	7	00	0	2	3	cu	16.4	+0.4	25.0	30	+1	22	+1	84	0	0	1	133
DAMIETTA											01	8	30	2	1	2	cu	15.4	—	25.8	28		22		73	0	0	2	139
PORT SAID	[illegible]	8	04	3	0	0	—	13.4	29.0	59	02	[illegible]	04	3	1	4	cu	15.0	+1.0	28.2	32	+3	24	+3	72	0	0	1	134
EL ARISH	[illegible]	7	20	2	0	0	—	12.0	27.7	76	01	7	14	1	0	2	cu	15.8	—	26.0	29		20		80	0	0	1	135
DAMANHUR											41	7	32	2	4	2	[illegible]	16.7	+1.1	25.2	32	+1	19	+2	80	0	0	1	136
MANSURA											01	[illegible]	00	1	1	4	cu	15.8	—	25.0	30	-2	21	+3	80	0	0	1	137
TANTA	02	7	00	0	1	4	cu	13.1	31.0	53	02	[illegible]	00	0	1	4	cu	15.9	-0.1	24.0	32	0	17	0	83	0	0	1.	138
ZAGAZIG	01	7	10	2	0	3	cu	13.0	33.[illegible]	[illegible]	00	[illegible]	[illegible]	[illegible]	0	1	cu	16.2	—	26.9	34	+3	19	+2	83	0	0	0	139
CAIRO ALMAZA	[illegible]	4	28	2	0	1	cu	12.8	31.[illegible]	53	01	1	04	3	[illegible]	1	Sc.	15.2	—	25.9	32		21		73	0	0		141
CAIRO EZBEKIYA	[illegible]	6	22	2	0	2	cu	12.2	32.2	46	01	[illegible]	04	2	[illegible]	2	Sc	15.0	-0.1	22.8	33	+2	20	+2	83	0	0	0	
CAIRO GIZA	[illegible]	6	02	2	0	2	cu	12.3	32.[illegible]	47	09	[illegible]	04	2	[illegible]	[illegible]	St.	15.2	+0.1	24.1	33	+3	17	+3	90	0	0	1	
HELWAN		7	32	2	0	1	cu	11.4	32.3	36	00	7	06	2	[illegible]	0	—	15.0	-0.4	25.3	33	+3	21	+3	68	0	0	0	143
SUEZ	01	4	32	1	0	0	—	11.6	35.0	56	00	[illegible]	[illegible]	1	0	0	—	15.0	+0.5	24.6	35	+3	22	+2	72	0	0	0	144
FAIYUM	00	8	32	2	0	0	—	11.9	3[illegible].0	41	00	8	32	2	0	0	—	14.3	-0.5	25.0	37	+6	21	+4	72	0	0	0	153
MINYA	00	8	02	3	0	0	—	12.2	33.8	39	00	[illegible]	32	2	0	0	—	14.0	-0.9	24.0	33	+3	20	+2	79	0	0		154
ASYUT	[illegible]	8	22	3	0	0	—	11.1	32.9	43	00	6	22	3	0	0	—	14.0	-0.2	26.5	34	+3	21	+2	73	0	0	0	155
QENA	[illegible]	8	26	2	0	0	—	7.5	37.0	32	00	8	26	1	0	0	—	11.4	-0.8	27.5	39	+3	23	+4	57	0	0		156
LUXOR	[illegible]	9	30	1	0	0	—	4.0	40.0	32	00	9	08	1	0	0	—	12.6?	—	29.8	41		21		65	0	0		157
ASWAN	[illegible]	7	00	0	0	0	—	7.1	42.0	15	00	7	32	2	0	0	—	11.4	-0.9	29.0	43	+5	25	+3	34	0	0	—	158
SIWA	00	8	00	0	0	0	—	15.4	34.0	45	00	8	00	0	0	0	—	16.8	+1.5	24.0	36	+3	15	-1	67	0	0	0	148
BAHARIYA	00	9	32	1	0	0	—	13.9	31.6	42	00	9	40	0	0	0	—	15.7		23.3	33		19		84	0	0		149
KHARGA	[illegible]	8	00	0	0	0	—	10.8	38.2	44	00	[illegible]	04	2	0	0	—	15.5	-0.1	22.3	38	+3	—	—	59	0	0	0	151
DAKHLA	[illegible]	8	28	3	0	0	—	11.6	35.2	51	00	7	00	0	0	0	—	15.0	+0.5	26.0	34	+2	19	+1	64	0	0		152
TOR	00	7	28	3	0	1	cu	9.5	30.8	77	00	5	28	3	0	0	—	11.5	-1.1	27.0	31	+1	20	+1	80	0	0	0	145
HURGHADA	[illegible]	9	22	3	0	3	cu	9.6	31.8	60	00	9	30	3	0	0	—	12.6?	-0.1	27.8	33	+2	22	+2	68	0	0	—	146
QUSEIR			22	[illegible]	0	1	ci	10.8	30.0	26	00	7	32	2	0	0	—	12.0	-0.4	30.7	32	+1	26	+2	53	0	0	0	147
PORT SUDAN											00	—	29	2	0	0	—	11.9	+0.9	31.3	35	+1	24	-1	49	0	0	2	169
WADI HALFA											00	9	02	[illegible]	0	0	—	11.9	-0.6	29.3	43	+6	25	+5	34		—	—	165
KAREIMA											00	7	16		0	1	Ac	9.3	-1.1	30.8	41	0	26	+2	29	0	0	0	166
ATBARA											00	—	12	2	0	0	—	9.6	+0.2	33.7	41	[illegible]	26	+2	25	0	0	0	167
KHARTUM											01	8	00	0	1	3	Ac	8.8	-0.1	32.6	41	[illegible]	27	+3	50	0	1	1	168
KASSALA											02	8	14	1	1	2	Ac	8.2	-1.2	30.2	39	[illegible]	27	+4	59	0	[illegible]	2	170
WAD MEDANI											00	—	22	2	0	0	—	9.4	-0.1	30.2	37	-2	22	0	47	0	2	3	171
DUEIM											00	—	—	—	0	0	—	9.1	-0.4	30.4	36	-2	24	+2	54	0	1	3	173
RENK																												—	182
ROSEIRES											02	—	14	1	1	4	—	10.3	-0.3	27.2	36	+1	21	+1	73	0	[illegible]	7	172
EL OBEID											01	8	26	2	1	4	[illegible]	9.3	-1.8	28.0	34	-2	22	+1	51	0	[illegible]	[illegible]	174
EL FASHER											01	9	32	1	6	4	[illegible]	—	—	24.6	35	-1	21	+3	69	1	1	2	175
GENEINA											03	8	12	1	8	7	Sc.	—	—	21.0	35	—	20	—	82	14	14	—	176
KADUGLI																												—	181
MALAKAL											03	8	26	2	7	7	[illegible]	10.6	[illegible]	[illegible]	[illegible]	[illegible]	22	0	81	0	[illegible]	18	176
WAU											00	—	28	1	0	[illegible]	—	9.2	-1.[illegible]	24.6	[illegible]	[illegible]	21	[illegible]	8[illegible]	0	1	29	177
JUBA											[illegible]	6	00	0	0	[illegible]	ci	10.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1	76	0	1	51	178

Isobars, Wind and Temperature at 8 h 8-10-1939 ١٩٣٩-١٠-٨



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.

PRESENT WEATHER (ww): Clear 00; Partly cloudy 01; Cloudy 02; ... 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

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

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

UPPER WINDS ON 8th

SALUM 7 h	MATRUH 7 h	MINYA 8 h	CAIRO 8 h	HELWAN 8 h 20 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 7 h	KAREIMA 4 h	KHARTUM 7 h	KASSALA 6 h	EL OBEID 6 h	MALAKAL 6 h	JUBA 7 h	P. SAID A.P. 8 h
02 29 10	02 08 05	02 36 25	02 05 25	05 07 25	02 29 15	02 36 15	03 03 30	06 03 25	06 26 15	06 19 15	07 25 25	06 03 05	06 25 20	02 06 15
05 06 15	05 05 15	05 01 30	05 07 35	10 04 20	05 36 25	05 35 30	07 05 15	10 04 25	10 30 10	10 18 15	10 27 15	10 01 10	10 21 15	05 06 15
10 04 23	10 05 20	10 34 15	10 06 10	15 12 15	10 35 30		10 08 20	15 04 20	15 03 16	15 12 15	15 11 10	15 05 15	15 18 40	10 06 15
15 02 30	15 03 30	15 33 20	15 07 10	20 21 10			15 04 20	20 04 15	20 03 20	20 09 15	20 08 20	20 10 25	20 18 40	15 06 05
20 03 30	19 04 30	20 23 15	16 ' ' 05	25 18 15			20 04 15	30 05 20	28 01 25	30 06 20		30 11 25	30 16 45	17 24 00
		25 17 05	20 20 10	30 13 05			25 04 10	33 07 20		40 05 15		31 12 25	40 16 30	20 17 05
		30 17 10	25 17 15	35 09 15			30 05 10			50 03 10				
			30 14 10	40 05 25			40 03 10			57 19 05				
			35 05 20	50 04 15			50 35 15							
				55 29 05										

Forecast for 24 hours from noon on 8th

Moderate winds chiefly northeast.
Clear or occasional low cloud.
Remaining rather warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٨
رياح معتدلة أغلبها شمالية شرقية
السماء صحو او يظهر بها قليل من السحاب المنخفض
ويستمر الطقس مائلا للحرارة

STATION	Mean of day Humidity % on 7th	Diff. from normal	Wet bulb temp. °C on 7th	Diff. from normal
Alexandria	73	+5	22.3	+2.6
Ezbekiya	67	+2	22.5	+2.9
Giza	71	+4	22.1	+2.1
Helwan	56	+2	21.0	+3.3

Giza Grass minimum on 8th 12.3 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
8-10	5380	8110
7-10	5550	8110

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal
Juba	7-10	13.08	-0.66	13.05	-0.69
Nasser	7-10	10.50	+0.01	10.50	+0.02
Malakal	8-10	12.19	-0.06	12.19	-0.06
Roseires	8-10	16.05	-0.72	16.20	-0.65
Sennar Res.	7-10	17.20	—	17.19	—
J. Aulia U.S.	7-10	375.65	—	375.70	—
J. Aulia D.S.	7-10	373.86	-0.76	373.96	-0.72
Khartum	7-10	13.94	-0.72	14.10	-0.62
Kh. el Girba	7-10	12.97	+0.37	12.90	+0.33
Atbara	7-10	13.28	-0.47	13.40	-0.43
Kajnarti	7-10	139.86	-0.36	140.01	-0.29
Aswan Res.	8-10	99.71	—	98.50	—
Aswan D.S.	8-10	90.66	-0.54	90.83	-0.42
Roda (Cairo)	8-10	17.68	-0.71	17.64	-0.75

At 8 h on 8th

STATION	Present weather	Visibility	Wind Dir	Force	Past weather	Cloud Amount	Form	Bar M.S.L. 1000+ mbs	Diff. from norm.	Temp. Dry bulb	Max. yesterday	Diff. from norm.	Min. today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal
Lefkosa (?)	00	7	08	1	0	0	—	14.8	+0.4	27	—	—	—	—	—	0	0	5
Haifa	00	—	10	1	—	3	—	15.1	+2.1	28.6	30	+1	22	+4	61	0	0	4

SHIPS سفن

Helwan upper wind continued:

60	21	09
70	30	15
80	28	20
90	30	2[illegible]
100	30	[illegible]
102	30	

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 5541

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

CAIRO
Time of Sunrise h. m. 05 52
" " Sunset 17 31

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

DAILY WEATHER REPORT

Month OCTOBER 1939 — شهر اكتوبر ١٩٣٩

At 14 h. on 8th (الساعة ١٤ يوم ٨) — At 8 h. on MONDAY 9th (الساعة ٨ يوم الاثنين ٩)

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	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
Mediterranean	SALÛM	00	8	04	3	0	0	—	15.5	26.6	76	01	8	16	2	0	2	Cu	15.2	-1.3	24.4	27	—	19	—	52	0	0	—	130
	MATRÛH	00	7	32	2	0	0	—	15.4	26.2	84	00	7	16	1	0	0	—	15.1	-0.9	26.3	28	+1	19	+1	79	0	0	4	131
	DIKHEILA	01	8	32	3	0	2	Cu	15.5	26.2	77	00	7	00	0	1	1	Cu	15.9	—	25.9	27	—	21	—	76	0	0	—	150
	ALEXANDRIA	00	9	04	2	0	0	—	15.1	28.0	65	02	9	00	0	2	4	Cu	15.4	-0.7	27.7	30	+1	22	+2	70	0	0	2	132
	DAMIETTA											00	8	06	1	1	1	Ac	14.7	—	27.0	29	—	22	—	70	0	0	2	159
	PORT SAÎD	02	8	04	2	2	4	Cu	14.4	28.8	68	02	8	04	2	1	4	Cu	14.7	+0.6	27.2	31	+2	24	+3	69	0	0	1	134
	EL 'ARÎSH	01	7	02	2	1	4	Cu	15.5	27.5	80	03	7	00	0	—	8	—	14.2	—	23.0	29	—	19	—	91	0	0	1	135
Lower Egypt	DAMANHÛR											05	6	08	2	4	0	—	15.1	-0.6	24.7	31	0	18	+1	81	0	0	1	136
	MANSÛRA											00	8	04	1	0	0	—	15.0	—	25.1	32	+1	21	+3	81	0	0	1	137
	TANTA	00	8	00	0	0	0	—	13.5	32.0	49	00	8	02	1	0	0	—	15.4	-0.7	25.0	33	+2	17	0	84	0	0	1	138
	ZAGÂZIG	00	9	30	2	1	1	Cu	13.6	32.1	65	02	8	02	2	1	4	Cu	15.0	—	25.4	33	+2	19	+2	88	0	0	1	139
Middle Egypt – Cairo	ALMÂZA	00	8	02	4	0	0	—	13.3	32.2	50	01	7	04	4	0	2	Sc.	14.6	—	26.0	32	—	21	—	70	0	0	—	141
	EZBEKIYA	00	7	02	3	0	0	—	12.6	33.2	45	00	5	04	2	0	0	—	14.2	-1.0	24.6	34	+3	20	+2	76	0	0	1	—
	GÎZA	00	7	02	3	0	0	—	12.4	32.7	40	00	7	06	2	0	1	Cu	14.4	-0.6	25.0	33	+3	20	+4	77	0	0	1	—
	HELWÂN	00	8	02	2	0	0	—	12.3	32.1	37	05	6	04	6	0	0	—	13.5	-2.0	25.2	33	+3	22	+4	67	0	0	0	143
	SUEZ	00	9	04	2	0	0	—	12.0	34.3	34	00	8	32	1	0	0	—	14.0	-0.6	25.0	36	+5	22	+2	76	0	0	1	144
Upper Egypt	FAIYÛM	00	8	32	4	0	0	—	12.0	34.0	34	00	7	32	4	0	0	—	13.6	-1.3	25.0	35	+4	21	+4	74	0	0	0	153
	MINYA	00	8	32	3	0	0	—	12.4	32.5	37	02	5	32	1	2	5	Cu	13.4	-1.7	22.1	33	+3	21	+3	89	0	0	—	154
	ASYÛT	00	7	26	3	0	0	—	11.6	32.9	45	00	6	22	3	0	0	—	13.1	-1.1	25.5	34	+3	21	+2	76	0	0	0	155
	QENA	00	8	26	1	0	0	—	9.6	37.2	34	00	8	22	2	0	0	—	12.7	-0.1	27.1	39	+3	24	+5	62	0	0	—	156
	LUXOR	00	9	22	1	0	0	—	10.0	38.2	38	00	9	22	1	0	0	—	11.4	—	28.0	41	—	21	—	62	0	0	—	157
	ASWÂN	00	7	28	1	0	0	—	8.2	39.8	15	00	7	32	3	0	0	—	11.0	-1.4	29.0	42	+4	25	+3	36	0	0	—	158
Western Desert	SÎWA	00	8	00	0	0	0	—	16.8	33.2	51	00	8	00	0	0	0	—	17.4	+1.8	24.1	36	+3	15	-1	70	0	0	0	148
	BAHARÎYA	00	9	20	1	0	0	—		31.0	47	00	9	32	1	0	0	—	15.8	—	22.6	33	—	20	—	—	0	0	—	149
	KHÂRGA	00	8	04	2	0	0	—	11.1	36.9	35	00	8	32	2	0	0	—	13.9	+0.2	28.2	37	+2	20	+1	43	0	0	0	151
	DÂKHLA	00	8	24	3	0	0	—	12.6	34.6	49	00	7	00	0	0	0	—	14.4	-0.3	22.8	36	+2	20	+2	65	0	0	—	152
Red Sea	TOR	00	6	28	[illegible]	0	1	Cu	9.8	30.0	78	03	5	28	4	0	0	—	11.2	-1.6	26.8	30	+1	20	+1	86	0	0	0	145
	HURGHÂDA	00	9	32	3	0	0	—	10.2	31.6	70	00	9	28	5	0	0	—	12.0	-0.9	28.3	32	+1	21	+1	71	0	0	—	146
	QUSEIR	00	7	02	2	0	1	Ci	11.2	31.0	63	00	7	32	2	0	0	—	11.2	-1.4	30.7	32	+1	26	+2	54	0	0	0	147
	PORT SUDAN											00	—	04	2	0	0	—	12.0	+0.9	30.7	36	+2	24	-1	74	0	0	3	169
North Sudan	WÂDI HALFA											00	8	02	2	0	0	—	11.3	-1.3	29.0	42	+5	24	+4	34	—	—	—	165
	KAREIMA											00	8	04	3	0	0	—	9.9	-0.5	30.0	42	+1	26	+2	21	0	0	0	166
	'ATBARA											00	—	06	3	0	0	—	9.1	-0.3	33.0	41	+1	24	0	12	0	0	0	167
	KHARTÛM											00	7	22	1	0	0	—	7.5	-1.4	30.7	43	+3	25	+1	53	0	1	1	168
	KASSALA											00	8	12	1	0	0	—	8.4	-1.6	28.7	41	+3	25	+2	58	0	dr.	3	170
Central Sudan	WAD MEDANI											00	—	14	3	0	0	—	9.0	-0.5	28.6	39	0	21	-1	57	0	2	3	171
	DUEIM											00	—	—	—	0	0	—	8.3	-1.2	26.2	39	+1	23	+1	66	0	1	3	173
	RENK																												—	182
	ROSEIRES											02	—	14	1	2	4	—	9.4	-1.1	27.0	38	+3	21	+1	76	dr.	dr.	5	172
	EL OBEID											01	8	18	2	0	2	Ac.Cu	8.8	-2.3	27.5	36	0	22	+1	63	0	3	5	174
	EL FÂSHER											01	8	30	2	1	4	Ac	—	—	26.5	35	-1	22	+4	57	0	1	2	175
	GENEINA											93	8	20	1	6	6	St.	—	—	21.8	34	—	20	—	41	4	18	—	179
	KADUGLI																												—	187
S. Sudan	MALAKÂL											03	8	12	1	1	8	Ac.Ci	9.1	-2.0	27.0	33	-1	22	+1	74	0	36	21	176
	WÂU											02	—	04	1	6	4	—	9.1	-1.4	25.0	35	+1	21	+1	82	1	32	33	177
	JÛBA											01	8	04	2	1	4	Ac	10.3	-1.2	24.2	36	+2	20	0	75	1	2	24	178

UPPER WINDS ON 9th (الرياح العليا يوم ٩)

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA h.	CAIRO (MINYA AR) 8 h.	HELWÂN 9 h.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 4 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 4 h.	JÛBA 6 h.	P. SAID A.P. 9 h.
02 16 05	02 18 20		02 01 10	02 07 45	02 28 10	02 01 20	03 03 25	06 03 55	06 13 10	06 20 15	07 23 39	06 02 10	06 13 05	02 08 15
05 15 05	05 20 05		05 04 15	05 09 05	05 34 10	05 01 35	06 03 60	10 05 40	10 08 35	10 21 25	10 26 20	10 23 05	10 17 30	05 09 15
06 11 05	10 11 10		10 11 15	08 03 15	10 32 15	10 01 10	10 02 50	15 03 05	15 05 25	15 13 20	15 36 15	15 12 05	15 19 45	10 06 10
08 12 05	15 22 15		15 14 20	10 03 15	15 16 25	15 17 05	15 01 45	20 04 65	20 04 30	20 12 15	20 05 15	20 06 20	20 18 45	14 12 05
09 14 00	20 21 20			15 14 20	20 16 35	20 31 05	20 02 05		30 05 25	30 06 15	30 07 35	30 08 25	30 17 30	15 20 05
10 34 05	25 21 15			20 17 25	25 18 40	25 33 20	30 17 10		37 01 20	40 03 15	39 06 35	40 08 30	40 19 35	17 22 05
15 34 10				23 18 30			40 17 25			50 36 15		45 07 25	50 21 25	19 18 20
20 33 15				25 18 30						53 35 20			56 21 25	20 17 25
25 31 15				30 18 30										24 19 30
30 30 15				35 18 35										

Forecast for 24 hours from noon on 9th

Inland moderate northeasterly winds.
On the coast light southerly winds, becoming moderate westerly. Mainly clear.
On the coast cooler tomorrow.
Inland remaining warm.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٩
رياح معتدلة شمالية شرقية في الداخل. ورياح جنوبية خفيفة على الساحل تتحول الى غربية معتدلة السماء صحو ويبرد الطقس على الساحل غداً ولكن يستمر ما ئلا للحرارة في الداخل

STATION	Mean of day Humidity % on 8th	Humidity Diff. from normal	Wet Bulb Temp. °C on 8th	Wet Bulb Diff. from normal
Alexandria	81	+13	22.4	+3.2
Ezbekîya	70	+5	22.7	+2.7
Gîza	72	+5	22.6	+2.7
Helwân	62	+8	21.7	+4.1

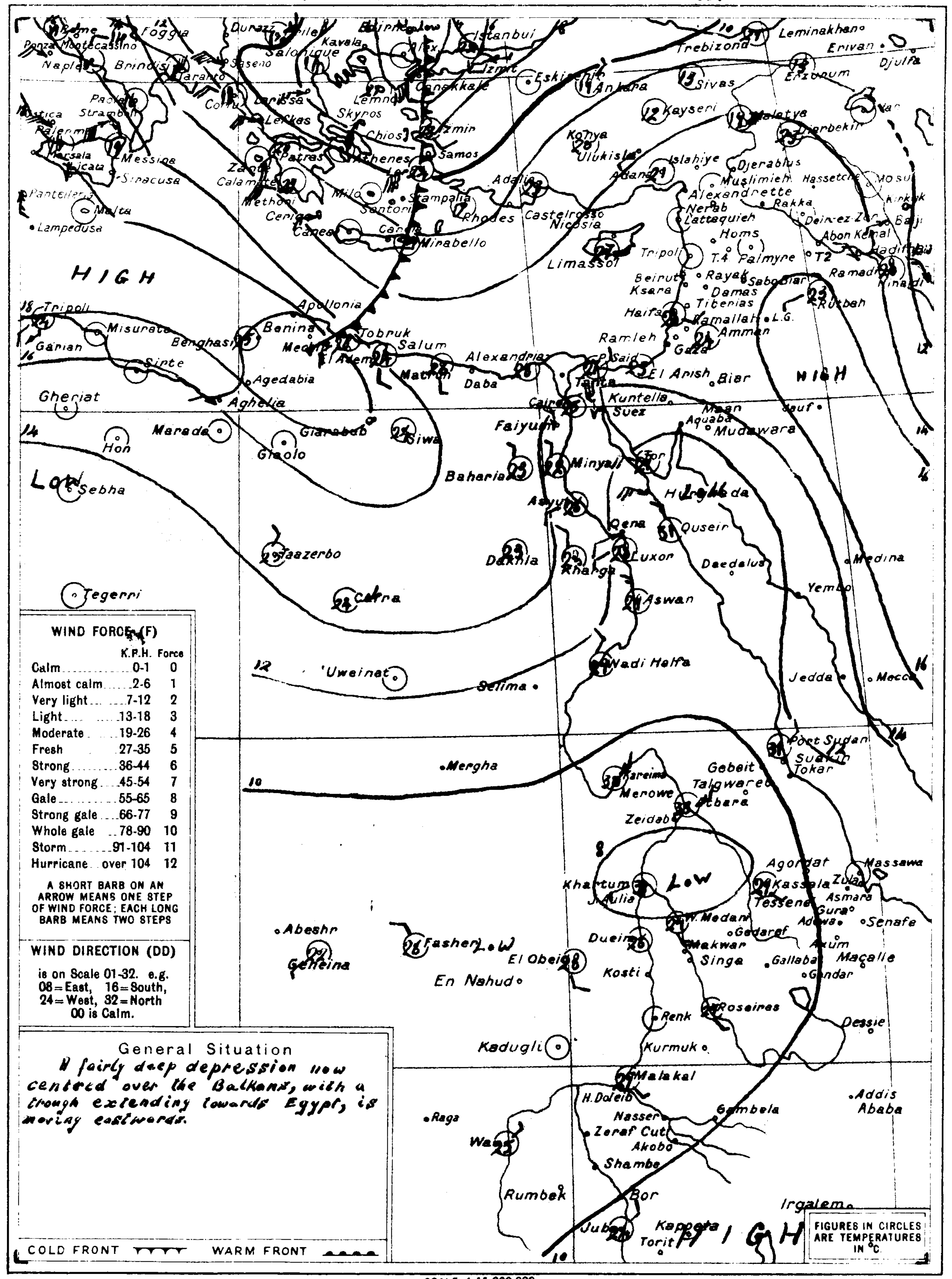
Gîza Grass minimum on 9th 13.0°C

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

DATE	1939	1938
9-10	5066	8090
8-10	5380	8110

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-10	13.05	-0.69	13.08	-0.66
Nâşşer	8-10	10.51	+0.01	10.50	+0.01
Malakâl	9-10	12.19	-0.07	12.19	-0.06
Roşeireş	9-10	15.52	-0.73	16.05	-0.72
Sennâr Res	8-10	17.20	—	17.20	—
J. Aulia U.S	8-10	375.70	—	375.65	—
J. Aulia D.S	8-10	373.75	-0.81	373.86	-0.76
Khartûm	8-10	13.84	-0.77	13.94	-0.72
Kh. el Girba	8-10	12.35	+0.39	12.37	+0.37
'Atbara	8-10	13.20	-0.50	13.28	-0.47
Kajnarti	8-10	139.67	-0.45	139.86	-0.26
Aswân Res.	9-10	100.79	—	99.71	—
Aswân D.S.	9-10	90.49	-0.66	90.66	-0.54
Roda (Cairo)	9-10	17.61	-0.70	17.68	-0.71

Isobars, Wind and Temperature at 8 h. 9-10-1939 (١٩٣٩-١٠-٩)



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 fairly deep depression now centred over the Balkans, with a trough extending towards Egypt, is moving eastwards.

COLD FRONT — WARM FRONT

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

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	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	06	1	0	0	—	16.3	-0.1	27	—	—	—	—	—	0	0	6
Haifa	00	—	10	2	—	0	—	14.7	+1.6	28.2	29	0	22	+4	56	0	0	4
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 / Variable sky	0 / 1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. m. 05 53
" " Sunset h. m. 17 30

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

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر اكتوبر

STATION	14h on 9th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on TUESDAY 10th ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff.	Min. Today mm	Diff.	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN																													
SALÛM	00	9	02	6	0	0	–	14.3	26.2	72	01	7	32	5	1	3	Cu	15.6	-1.0	22.3	33	—	18	—	73	0	0	—	130
MATRÛH	00	7	32	2	0	0	–	14.2	27.2	83	02	7	28	3	1	5	Cu	14.6	-1.4	26.5	30	+3	18	0	84	0	0	4	131
DIKHEILA	00	8	32	3	0	1	Cu	13.6	27.0	63	02	8	30	3	1	4	Sc	14.2	—	24.7	27	—	24	—	73	0	0		150
ALEXANDRIA	00	9	04	2	0	0	—	13.0	29.0	63	02	9	32	2	2	4	Cu	13.6	-2.7	26.6	30	+1	22	+2	73	0	0	2	132
DAMIETTA											01	8	20	1	1	3	Ac	12.6	—	24.0	29	—	19	—	85	0	0	2	159
PORT SAÎD	00	8	04	2	0	0	—	12.0	29.2	66	02	7	26	2	1	5	Ac	12.6	-1.5	26.0	31	+2	22	+1	81	0	0	1	134
EL 'ARÎSH	00	7	30	3	0	0	—	12.0	27.8	80	01	7	00	0	—	3	Cu	11.1	—	27.8	30	—	20	—	73	0	0	1	135
LOWER EGYPT																													
DAMANHÛR											00	7	32	2	0	0	—	13.4	-2.4	24.0	33	+2	18	+1	85	0	0	1	136
MANṢÛRA											08	4	32	2	1	4	Sc	13.3	—	23.0	33	+2	18	0	89	0	0	1	137
TANTA	00	7	00	0	0	0	—	11.5	32.5	49	03	6	00	0	2	6	St	13.6	-2.6	21.0	33	+2	17	0	98	0	0	1	138
ZAGÂZIG	00	9	02	1	0	0	—	11.5	33.8	62	08	4	26	1	4	9	—	14.0	—	22.8	34	+3	19	+3	95	0	0	1	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	04	5	0	1	Sc	11.2	34.1	31	03	7	32	2	2	7	St	13.4	—	23.2	35	—	20	—	76	0	0	—	141
CAIRO EZBEKÎYA	00	8	32	2	0	0	—	10.3	34.0	42	03	5	02	2	2	6	Sc	13.4	-1.9	23.0	35	+5	20	+2	85	0	0	1	—
CAIRO GÎZA	00	8	32	2	0	0	—	10.4	34.1	40	03	7	30	2	2	7	Sc	13.5	-1.8	22.9	34	+4	19	+3	88	0	0	1	—
HELWÂN	00	7	02	4	0	0	—	9.6	34.7	28	04	5	32	3	2	4	Sc	13.1	-2.5	22.1	35	+5	20	+2	87	0	0	0	143
SUEZ	00	9	32	2	0	0	—	9.8	35.5	35	01	8	28	2	1	4	Cu	12.3	-2.4	25.0	37	+6	23	+3	79	0	0	1	144
UPPER EGYPT																													
FAIYÛM	00	8	32	3	0	0	—	9.9	34.7	34	01	7	32	3	0	3	Cu	13.4	-1.6	23.9	37	+6	21	+4	75	0	0	0	153
MINYA	00	8	00	0	1	0	—	10.0	33.0	45	02	6	30	2	2	4	Cu	12.2	-3.0	22.5	35	+5	20	+2	87	0	0	—	154
ASYÛT	00	8	26	3	0	0	—	10.2	32.1	43	00	6	26	3	0	0	—	12.0	-2.3	25.0	35	+4	23	+4	76	0	0	0	155
QENA	00	8	26	1	0	0	—	10.3	36.2	35	00	8	24	3	0	0	—	10.6	-2.3	27.0	38	+2	22	+3	57	0	0	—	156
LUXOR	00	9	22	1	0	0	—	8.7	38.5	24	00	9	10	1	0	0	—	10.3	—	30.2	40	—	21	—	54	0	0	—	157
ASWÂN	00	7	28	1	0	0	—	6.8	34.0	21	00	7	02	1	0	0	—	10.0	-2.5	28.8	41	+4	25	+4	36	0	0	—	158
WESTERN DESERT																													
SÎWA	00	8	00	0	0	0	—	15.6	34.8	52	00	8	00	0	0	0	—	16.2	+0.5	22.0	36	+3	14	-2	70	0	0	0	148
BAHARÎYA	00	9	00	0	0	0	—	11.0	30.9	50	00	9	00	0	0	0	—	14.8	—	23.3	32	—	16	—	69	0	0	—	149
KHÂRGA	00	8	04	2	0	0	—	11.2	37.0	35	00	8	08	1	0	0	—	11.8	-2.0	26.3	37	+2	21	+2	51	0	0	0	151
DÂKHLA	00	8	00	0	0	0	—	11.8	34.0	55	00	7	16	2	0	0	—	13.6	-1.2	25.2	35	+1	20	+2	74	0	0	—	152
RED SEA																													
TÔR	00	6	28	4	0	1	Cu	8.3	30.1	75	00	6	28	2	0	0	—	9.9	-3.0	27.0	32	+3	20	+1	61	0	0	0	145
HURGHÂDA	00	9	02	2	0	0	—	9.4	32.0	67																		—	146
QUṢEIR	00	7	02	2	0	1	Ci	10.3	27.0	—	00	7	30	2	0	0	—	9.8	-2.9	30.3	32	+1	25	+1	59	0	0	0	147
PORT SUDAN											05	—	02	1	1	9	—	10.6	-0.6	31.5	35	+1	24	-1	72	0	0	3	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	2	0	0	—	10.5	-2.2	27.2	41	+4	22	+2	37	—	—	—	165
KAREIMA											00	8	04	3	0	0	—	9.6	-0.9	30.5	41	0	27	+3	17	0	0	0	166
'ATBARA											00	—	30	2	0	0	—	8.8	-0.7	30.4	40	0	26	+2	26	0	0	0	167
KHARTÛM											00	8	20	1	0	0	—	7.6	-1.3	30.3	43	+3	27	+3	53	0	1	1	168
KASSALA											00	8	16	3	0	0	—	8.8	-1.2	28.2	39	+1	25	+2	63	0	tr	3	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	20	3	0	0	—	8.4	-1.1	28.0	38	-1	22	0	60	0	2	3	171
DUEIM											02	—	—	—	0	4	—	9.0	-0.5	27.6	39	+1	23	+1	62	0	9	3	173
RENK											02	7	18	—	—	5	St	9.3	—	26	36	—	20	—	76	Rain	—	—	182
ROSEIRES											02	—	10	1	1	4	—	9.9	-0.6	26.6	37	+2	21	+1	71	tr	tr	9	172
EL OBEID																												6	174
EL FÂSHER											05	7	04	1	0	0	—	—	—	23.0	37	+1	18	0	46	0	1	2	175
GENEINA											02	8	24	4	1	5	Ac	—	—	22.4	36	—	20	—	82	tr	18	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	14	2	1	8	Ac	10.2	-0.9	23.7	34	0	22	+1	88	tr	36	23	176
WÂU																												37	177
JÛBA											03	8	00	0	1	8	Cs	11.3	-0.2	24.4	37	+3	21	+1	91	12	14	27	178

UPPER WINDS ON 10 — 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 7h	MATRÛH 7h	[illegible] 8h	CAIRO 8h 30m	HELWÂN 9h 00m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 7h	KAREIMA 7h	KHARTÛM 5h	KASSALA 6h	EL OBEID	MALAKÂL 6h	JÛBA 6h	P. Said. A.P. 8h
02.34.25	02.33.20	02.35.20	02.02.15	05.01.25	02.33.15	02.03.15	03.01.20	06.03.40	06.23.30	06.21.30		06.10.10	06.27.15	02.30.10
05.36.25	05.33.20	05.04.45	Ext. Sc.	08.02.45	05.36.25	05.36.40	07.01.40	10.03.35	10.15.05	10.23.25		10.21.05	10.31.45	05.30.10
10.34.15	10.33.25	10.39.30		10.01.40	10.34.45	10.02.55	10.02.25	15.03.40	15.04.25	15.22.15		15.17.05	15.33.55	08.33.20
15.31.20	15.28.25	15.36.30		15.02.20	15.35.30	15.03.20	15.04.20	20.02.30		20.21.05		20.25.10	20.36.50	
20.16.25				20.35.10		20.04.20	20.03.10	25.01.15		30.07.15		30.06.10	30.07.20	
				30.11.05			30.19.20	30.01.10				39.34.40	40.21.50	
				35.18.10			40.21.20	42.01.10					50.17.50	
				40.28.10			50.32.10	50.01.10					60.19.40	
				50.27.25			60.24.25	60.02.05					64.16.30	
				58.26.40			70.23.25	65.13.10						

Forecast for 24 hours from noon on 10th

Moderate northerly winds.
Occasional low cloud.
Temperature falling to normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٠

رياح شمالية معتدلة — فيظهر بعض السحاب المنخفض احياناً
وتهبط درجة الحرارة الى معدلها

STATION	Humidity % on 9th	Diff. from normal	Wet bulb temp. °C on 9th	Diff. from normal
Alexandria	74	+6	23.5	+3.6
Ezbekîya	66	+1	22.9	+3.0
Gîza	—	—	22.8	+3.0
Helwân	58	+4	21.6	+4.1

Gîza Grass minimum on 10th 12.6 °C

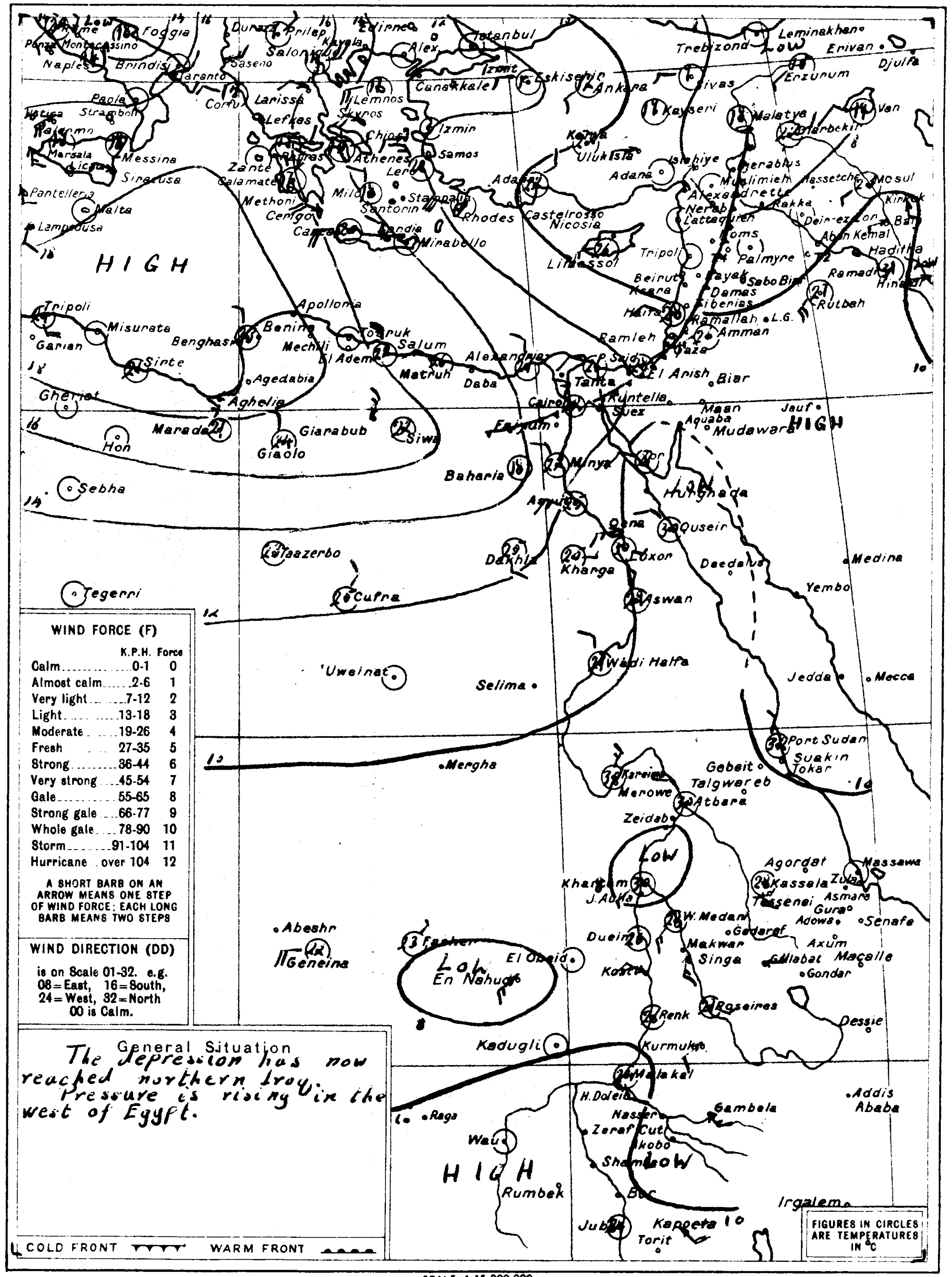
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
10-10	5016	8053
9-10	5066	8090

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-10	13.09	-0.66	13.05	-0.67
Nâṣṣer	9-10	10.51	+0.01	10.51	+0.01
Malakâl	10-10	12.20	-0.06	12.19	-0.07
Roṣeires	10-10	15.85	-0.74	15.72	-0.73
Sennâr Res.	9-10	17.20	—	17.20	—
J. Aulia U.S	9-10	375.74	—	375.70	—
J. Aulia D.S	9-10	373.63	-0.86	373.75	-0.81
Khartûm	9-10	13.73	-0.74	13.84	-0.77
Kh. el Girba	9-10	12.10	+0.15	12.35	+0.39
'Atbara	9-10	13.10	-0.52	13.20	-0.50
Kajnarti	9-10	134.47	-0.56	134.67	-0.45
Aswân Res.	10-10	101.70	—	100.74	—
Aswân D.S.	10-10	90.32	-0.76	90.47	-0.66
Rôda (Cairo)	10-10	17.73	-0.67	17.64	-0.70

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

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



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 northern Iraq. Pressure is rising in the west of 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	8h on 10th ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff.	Min. Today mm	Diff.	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	22	1	0	1	—	9.1	-4.7	26	—	—	—	—	—	0	0	7
Haifa	00	—	26	2	—	0	—	11.9	-1.5	[illegible]	30	+1	[illegible]	+5	66	0	0	5
SHIPS سفن																		

الساعة ٨ يوم ١٠

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

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

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 54 m
,, ,, Sunset 17 h 29 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1939 — شهر اكتوبر ١٩٣٩

At 14 h. on 10th (الساعة ١٤ يوم ١٠) — At 8 h. on WEDNESDAY 11th (الساعة ٨ يوم الأربعاء 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: 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	Rain Total from Oct. 1 mms	Rain Normal from Oct. 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	01	8	02	7	0	2	Cu	15.2	23.9	57	01	8	30	3	0	3	Cu	16.3	-0.4	20.4	25	—	17	—	67	0	0	—	130
MATRÛH	00	7	28	4	0	1	Cu	14.6	26.0	77	02	6	30	4	1	5	Cu	14.6	-1.5	24.2	27	0	20	+2	77	0	0	5	131
DIKHEILA	02	8	30	4	1	4	Cu	14.8	26.0	64	00	8	20	1	1	1	Cu	15.6	—	24.8	27	—	23	—	55	0	0	—	150
ALEXANDRIA	02	9	30	5	2	5	Cu	13.6	26.9	68	01	9	28	1	2	3	Cu	15.2	-1.1	24.5	29	0	22	+2	57	0	0	2	132
DAMIETTA											01	6	26	1	1	4	Cu	14.6	—	24.6	27	—	19	—	63	0	0	2	159
PORT SAÏD	01	7	28	5	1	3	Ac	12.0	30.0	65	02	8	32	2	1	4	Cu	14.6	+0.4	25.5	—	—	—	—	62	0	0	1	134
EL 'ARISH	00	7	28	2	0	0	—	11.0	27.5	80	02	7	00	0	—	4	As	13.8	—	24.5	29	—	21	—	80	0	0	1	135
LOWER EGYPT																													
DAMANHÛR											01	7	20	2	1	3	Cu	15.5	-0.4	23.2	30	-1	18	+1	72	0	0	2	136
MANŞÛRA											00	8	04	1	0	0	—	15.0	—	23.7	31	0	18	0	62	0	0	1	137
TANTA	02	7	30	4	1	5	Cu	12.3	30.5	59	00	7	00	0	0	0	—	15.0	-1.3	23.0	32	+1	16	-1	74	0	0	1	138
ZAGÂZIG	00	9	30	1	0	1	Cu	12.0	32.4	66	00	8	30	1	0	0	—	15.6	—	25.4	32	+1	16	0	72	0	0	1	139
MIDDLE EGYPT																													
CAIRO: ALMÂZA	00	8	28	3	0	1	Cu	12.3	32.0	38	01	7	02	2	1	2	Ci	15.4	—	22.8	32	—	18	—	65	0	0	—	141
CAIRO: EZBEKIYA	00	8	32	2	0	0	—	11.4	32.7	44	01	5	02	1	0	2	Cs	15.2	-0.2	22.5	33	+3	19	+1	77	0	0	1	—
CAIRO: GÎZA	00	8	32	2	0	0	—	11.2	31.8	39	01	6	00	0	0	2	Sc	15.2	-0.1	21.2	32	+2	17	+1	84	0	0	1	—
HELWÂN	00	7	32	4	1	0	—	11.1	31.5	31	05	6	32	2	1	3	Ci	15.4	-0.2	22.3	32	+2	19	+1	63	0	0	0	143
SUEZ	00	9	28	3	0	0	—	10.7	31.3	48	01	7	32	2	1	3	As	14.4	-0.4	23.6	32	+1	20	0	72	0	0	1	144
UPPER EGYPT																													
FAIYÛM	00	8	32	3	0	0	—	10.8	33.3	31	01	7	32	3	0	3	Cu	15.1	+0.1	23.1	34	+3	18	+1	66	0	0	[illegible]	153
MINYA	00	8	32	4	1	0	—	10.6	31.7	37	00	7	32	3	1	0	—	13.6	-1.7	22.8	32	+2	20	+2	76	0	0	—	154
ASYÛT	00	8	22	3	0	0	—	9.3	32.0	50	00	6	22	3	0	0	—	13.1	-1.3	24.5	34	+3	22	+3	68	0	0	0	155
QENA	00	8	26	1	0	0	—	8.3	36.3	36	00	8	26	1	0	0	—	10.8	-2.2	26.7	38	+3	23	+5	63	0	0	—	156
LUXOR	00	9	22	1	0	0	—	7.7	38.0	35	00	9	10	1	0	0	—	11.1	—	29.3	40	—	21	—	56	0	0	—	157
ASWÂN	00	7	24	1	0	0	—	5.6	40.0	18	00	7	32	2	0	0	—	9.6	-3.0	28.5	40	+3	23	+2	40	0	0	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	15.8	35.1	54	00	8	00	0	0	0	—	17.5	+1.7	23.3	36	+3	15	-1	65	0	0	0	148
BAHARIYA	00	9	32	1	0	0	—	12.6	31.0	47	00	9	32	2	0	0	—	14.0	—	20.9	33	—	18	—	81	0	0	—	149
KHARGA	00	8	04	3	0	0	—	9.0	35.6	30	00	8	30	4	0	0	—	13.3	-0.6	26.2	36	+1	19	0	41	0	0	0	151
DÂKHLA	00	8	02	2	0	0	—	11.0	34.0	31	00	7	32	2	0	0	—	14.2	-0.7	25.8	35	+1	22	+4	67	0	0	—	152
RED SEA																													
TÔR	00	7	28	4	0	1	Cu	8.3	29.5	72	00	5	28	3	0	1	Cc	10.6	-2.4	27.0	30	+1	24	+5	73	0	0	0	145
HURGHÂDA																												—	146
QUSEIR	00	7	02	2	0	1	Ci	8.7	30.4	64	00	7	32	3	0	1	Ci	10.4	-2.4	29.0	32	+1	26	+2	54	0	0	0	147
PORT SUDAN											03	—	08	1	0	7	—	10.6	-0.7	32.6	35	+1	25	0	68	0	0	3	169
NORTH SUDAN																													
WÂDI HALFA											00	9	32	3	0	0	—	10.0	-2.7	26.3	39	+2	23	+3	30	—	—	—	165
KAREIMA											00	8	28	2	0	0	—	9.3	-1.2	29.6	41	0	25	+2	11		0	0	166
'ATBARA											00	—	02	2	0	0	—	8.6	-1.0	31.0	40	0	25	+1	27	0	0	0	167
KHARTÛM											00	8	18	2	0	0	—	8.7	-0.2	28.7	43	+3	25	+1	52	0	1	2	168
KASSALA											01	8	14	3	1	4	Ac	9.4	-0.5	28.0	39	+1	25	+2	57	0	dr	4	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	16	3	0	0	—	10.4	+0.9	26.3	39	0	20	-2	68	0	2	4	171
DUEIM											00	—	—	—	0	0	—	9.3	-0.1	28.0	40	+1	23	+1	60	0	9	4	173
RENK																												—	182
ROSEIRES											02	—	14	1	2	4	—	10.3	-0.2	25.8	36	+1	21	+1	74	0	dr	10	172
EL OBEID											01	8	22	2	1	3	Ac Ci	9.2	-1.9	24.7	37	+1	21	+1	61	0	3	6	174
EL FÂSHER											01	8	10	1	1	4	Cs	—	—	22.2	37	+1	17	-1	51	0	1	3	175
GENEINA											01	8	20	1	1	4	Cs	—	—	21.6	34	—	17	—	82	0	18	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	10	2	2	6	Ac As	9.5	-1.6	24.5	31	-3	21	0	80	30	66	26	176
WÂU											50	—	24	2	6	8	—	12.1	+1.7	20.5	32	-2	20	0	96	17	51	41	177
JÛBA											11	9	00	0	1	6	St	11.5	0.0	25.2	32	-2	22	+2	76	0	14	30	178

UPPER WINDS ON 11th (الرياح العليا يوم ١١)

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA h. m.	CAIRO h. m.	HELWÂN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 6 h.	KAREIMA 7 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 4 h.	MALAKÂL 6 h.	JÛBA 7 h.	Geneina 6 h.
02 31 25	02 32 15			02 01 25	02 32 30	02 01 15	03 01 20	06 04 35	06 21 25	06 21 25	07 21 20	06 34 10	06 30 15	16 35 15
05 35 30	05 33 15			05 04 10	05 01 50	05 02 40	07 03 40	10 03 45	10 26 20	10 20 30	10 23 05	10 24 10	10 01 20	15 03 25
10 01 25	10 32 25			10 03 10	10 35 70	10 11 05	10 05 30	15 04 20	15 04 10	15 22 15	15 36 05	15 18 05	15 01 20	20 08 25
13 35 25	15 32 35			15 33 10	15 36 55	15 18 30	15 03 25	20 03 20	20 03 00	20 23 10	20 31 05	20 11 15	20 08 15	30 07 40
14 32 35	16 33 30			20 24 10		20 18 25	20 14 05	25 02 15	25 04 25	30 15 10	23 00 00	30 07 20	30 17 30	40 07 30
15 30 45				25 20 20		25 15 25	25 16 25	30 15 10	30 04 20	40 07 10		40 09 15	40 18 20	46 07 30
20 31 30				30 22 15			30 17 35	40 12 10	40 12 10	50 05 25		42 08 20	50 17 20	
25 28 20				35 22 25			40 16 10	50 10 20	50 11 20	57 05 20				
30 30 25				40 23 15			50 16 05	60 11 25	60 09 25					
35 29 20				50 24 35			60 23 15							

Forecast for 24 hours from noon on 11th

Moderate winds between northwest and northeast. Occasional low clouds particularly in the early morning.
Slightly cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١١
رياح معتدلة ما بين الشمالية الغربية والشمالية الشرقية.
يظهر بعض السحاب المنخفض خصوصا في الصباح الباكر.
وتهبط الحرارة قليلا غدا.

STATION	Mean of day: Humidity % 10th	Diff. from normal	Wet bulb temp. °C 10th	Diff. from normal
Alexandria	66	-2	21.5	+1.7
Ezbekîya	74	+9	22.3	+2.5
Gîza	73	+5	21.8	+2.0
Helwân	69	+15	20.6	+3.1

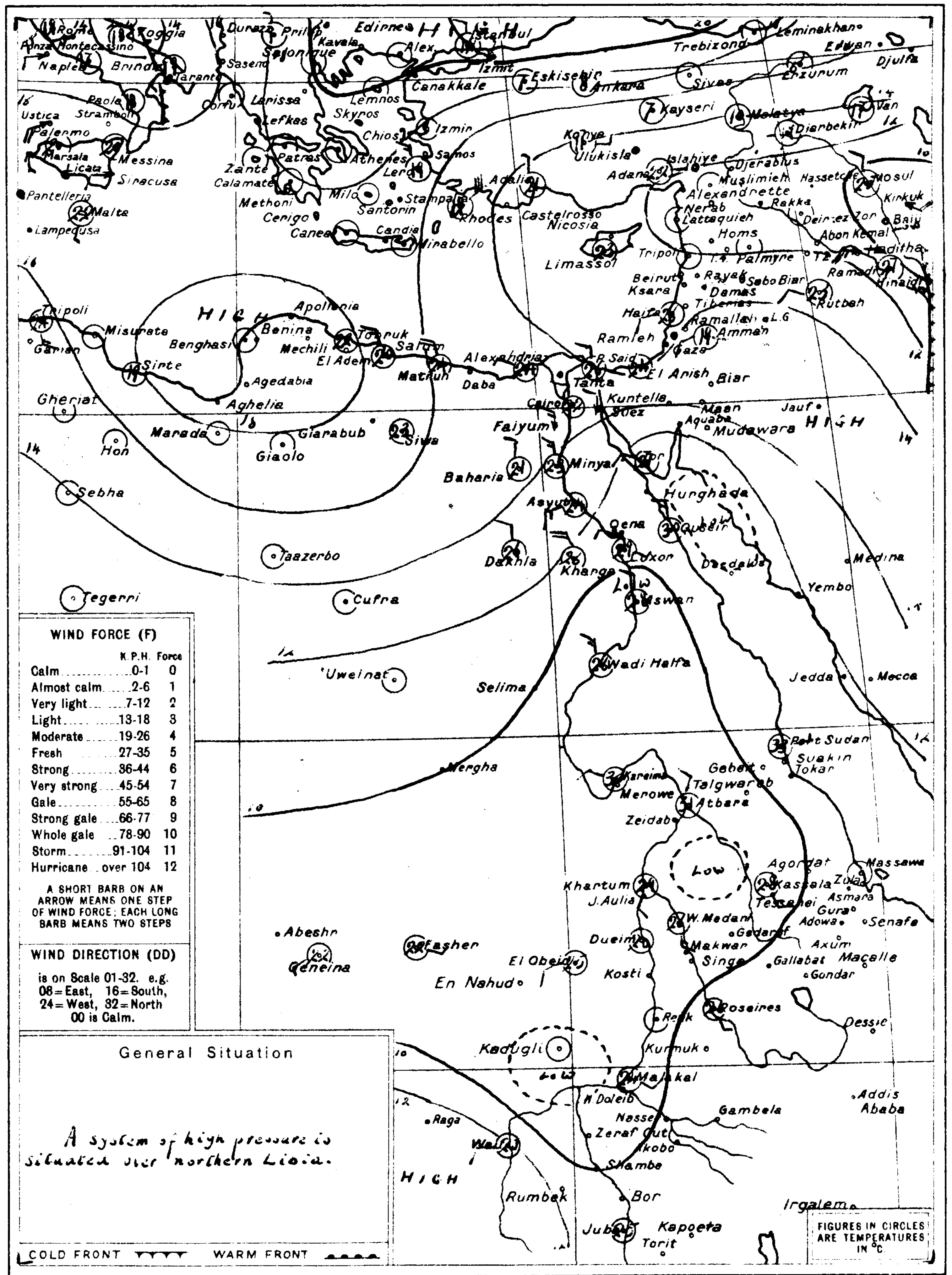
Gîza Grass minimum on 11th 10.1 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
11-10	4043	8015
10-10	5016	8053

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-10	13.15	-0.60	13.09	-0.66
Nâşser	10-10	10.51	+0.01	10.51	+0.01
Malakâl	11-10	12.20	-0.07	12.20	-0.06
Roşeires	11-10	15.76	-0.77	15.85	-0.74
Sennâr Res.	10-10	17.20	—	17.20	—
J. Aulia U.S	10-10	375.74	—	375.74	—
J. Aulia D.S	10-10	373.54	-0.88	373.63	-0.86
Khartûm	10-10	13.61	-0.86	13.73	-0.79
Kh. el Girba	10-10	12.00	+0.07	12.10	+0.15
'Atbara	10-10	12.96	-0.59	13.10	-0.52
Kajnarti	10-10	139.31	-0.66	139.49	-0.56
Aswân Res.	11-10	102.57	—	101.70	—
Aswân D.S.	11-10	90.15	-0.85	90.32	-0.76
Rôda (Cairo)	11-10	17.72	-0.72	17.73	-0.69

١٩٣٩-١٠-١١ Isobars, Wind and Temperature at 8 h. 11-10-1939



General Situation

A system of high pressure is situated over northern Libia.

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

At 8 h. on 11th (الساعة ٨ يوم ١١)

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	Rain Past 24 hrs mms	Rain Total from Oct. 1 mms	Rain Normal from Oct. 1 mms
Limassol	09	7	00	0	0	0	—	12.4	+2.3	23	—	—	—	—	—	0	0	7
Haifa	02	-	22	2	—	4	—	14.3	+0.1	21.0	30	+1	23	+5	56	0	0	5
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. m. 5 55
" " Sunset 17 28

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٢-١٠-١٩٣٩

1417 F.C.

At 14 h. on 11th الساعة ١٤ يوم ١١ — At 8 h. on THURSDAY 12th الساعة ٨ يوم الخميس ١٢

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	02	8	02	6	1	4	Cu	15.8	24.2	57	01	7	26	4	1	3	Cu	16.7	0.0	20.1	25	—	16	—	82	dr	dr	—	130
MATRÛH	01	7	30	4	1	3	Cu	15.0	25.3	78	02	7	28	1	1	4	Cu	10.2	0.0	24.9	26	-1	19	+1	70	0	0	5	131
DIKHEILA	02	8	02	3	1	4	Cu	15.0	25.1	65	02	8	32	3	1	4	Cu	16.2	—	24.0	26	—	23	—	60	0	0	—	150
ALEXANDRIA	02	9	04	2	2	5	Cu	14.4	26.9	59	02	9	04	1	2	4	Cu	15.8	-0.5	25.0	30	+2	21	+1	59	0	0	2	132
DAMIETTA											03	8	28	1	2	7	Ac	15.1	—	23.3	27	—	19	—	66	0	0	2	159
PORT SAÎD	02	7	02	5	1	4	Ac	13.5	28.5	55	02	7	04	2	1	5	Cu	14.8	+0.5	26.2	30	+2	22	+1	57	0	0	1	134
EL 'ARÎSH	00	7	02	3	—	0	—	12.3	27.5	60	01	7	00	0	—	4	Cu	15.1	—	22.8	28	—	18	—	72	0	0	1	135
LOWER EGYPT																													
DAMANHÛR											01	7	04	3	1	4	Cu	15.6	-0.4	22.8	29	-1	17	0	71	0	0	2	136
MANŞÛRA											02	5	20	2	1	4	Sc	15.2	—	21.9	30	-1	20	+2	68	0	0	1	137
TANTA	00	7	00	0	0	0	—	13.5	29.0	46	02	6	00	0	1	5	Sc	15.5	-0.9	21.0	31	0	17	0	82	0	0	1	138
ZAGÂZIG	00	9	30	2	0	0	—	13.3	30.6	61	02	7	30	1	0	4	Cu	16.4	—	23.4	31	+1	17	+1	82	0	0	1	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	02	3	0	0	—	13.5	28.7	43	03	7	02	3	2	6	Ac	15.2	—	20.0	29	—	18	—	62	0	0	—	141
CAIRO EZBEKIYA	00	8	32	4	0	0	—	12.8	29.9	41	02	5	30	1	2	5	Sc	15.4	-0.1	21.7	31	+1	19	+2	71	0	0	1	—
CAIRO GÎZA	00	8	32	4	0	0	—	12.2	29.8	38	02	6	32	2	2	5	Sc	15.1	-0.3	22.0	30	0	17	+1	72	0	0	1	—
HELWÂN	00	8	32	4	0	0	—	12.2	28.9	30	05	6	32	1	2	5	Ci	15.4	-0.3	22.1	30	0	20	+2	64	0	0	0	143
SUEZ	00	9	28	1	0	0	—	12.2	29.6	47	01	8	28	2	1	3	As	14.4	-0.5	23.0	31	0	20	0	73	0	0	1	144
UPPER EGYPT																													
FAIYÛM	00	8	32	3	0	0	—	12.2	29.8	36	02	7	32	3	0	5	Cu	15.2	+0.1	22.0	31	0	19	+2	68	0	0	0	153
MINYA	00	8	32	4	0	0	—	11.8	29.0	42	02	6	32	3	1	4	Sc	13.9	-1.5	21.7	30	0	19	+1	72	0	0	—	154
ASYÛT	00	8	28	3	0	0	—	10.6	32.0	28	01	6	26	3	1	3	Ac	13.9	-0.6	22.0	33	+3	20	+2	70	0	0	0	155
QENA	00	8	22	2	0	0	—	8.7	34.8	37	00	8	22	4	0	0	—	11.8	-1.3	25.2	36	+1	22	+4	61	0	0	—	156
LUXOR	00	9	08	1	0	0	—	8.4	38.2	34	00	9	24	1	0	0	—	11.7	—	27.5	39	—	20	—	61	0	0	—	157
ASWÂN	00	7	28	1	0	0	—	6.2	38.7	21	00	7	32	3	0	0	—	11.2	-1.5	27.0	40	+3	24	+3	43	0	0	—	158
WESTERN DESERT																													
SÎWA	00	8	00	0	0	0	—	17.2	27.4	52	00	8	00	0	0	0	—	17.2	+1.3	20.0	31	-1	14	-2	72	0	0	0	148
BAHARÎYA	00	7	32	2	0	0	—	13.6	28.1	46																	0	—	149
KHÂRGA	00	8	04	4	0	0	—	10.4	34.7	28	00	8	32	2	0	0	—	14.2	+0.2	25.7	35	+1	20	+2	47	0	0	0	151
DÂKHLA	00	8	32	5	0	0	—	12.2	32.5	41	00	7	00	0	0	0	—	15.4	+0.5	22.5	34	0	18	0	60	0	0	—	152
RED SEA																													
TÔR	00	6	28	5	0	1	Cu	8.7	29.0	74	00	5	28	4	0	1	Cc	11.5	-1.6	26.1	36	+1	20	+1	77	0	0	0	145
HURGHÂDA	00	9	32	4	0	0	—	9.1	30.5	67	00	7	30	5	0	0	—	11.2	-2.0	26.4	31	0	24	+4	72	0	0	—	146
QUŞEIR	00	7	32	3	0	1	Ci	9.6	31.0	65	00	7	32	3	0	0	—	11.2	-1.7	28.5	32	+1	24	0	63	0	0	0	147
PORT SUDAN											00	—	04	2	0	0	—	7.8	-1.6	31.7	35	+1	26	+1	68	0	0	4	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	5	0	0	—	11.7	-1.1	25.8	40	+3	23	+3	30	—	—	—	165
KAREIMA											05	6	04	3	1	3	Ac	9.3	-1.3	30.0	41	0	27	+4	16	0	0	0	166
'ATBARA											00	—	16	2	0	0	—	7.9	-1.7	34.6	41	+2	25	+4	33	0	0	0	167
KHARTÛM											00	8	18	1	0	1	Cu	8.6	-0.3	30.4	41	+1	25	+1	36	0	1	2	168
KASSALA											00	8	16	2	0	0	—	9.2	-0.7	28.8	38	0	25	+2	58	0	dr	4	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	10	1	1	4	—	9.9	+0.5	27.0	37	-2	22	0	66	0	2	4	171
DUEIM											00	—	—	—	0	0	—	9.3	-0.1	29.6	38	-1	24	+2	54	0	9	4	173
RENK																												—	182
ROSEIRES											03	—	10	1	5	8	—	10.7	+0.2	25.4	36	0	21	+1	76	dr	dr	11	172
EL OBEID											03	8	22	2	1	8	Cs	8.9	-2.2	26.1	37	+1	22	+2	69	0	3	7	174
EL FÂSHER											01	8	32	3	1	4	Cs	—	—	20.8	35	-1	15	-3	43	0	1	3	175
GENEINA											01	8	12	1	1	4	Cs	—	—	21.2	35		16		65	0	18	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											02	8	20	1	1	5	AcCs	9.6	-1.4	26.2	31	-3	22	+1	75	0	66	28	176
WÂU											02	—	16	2	6	4	—	8.5	-1.8	24.8	32	-2	20	0	83	1	52	45	177
JÛBA											01	8	22	2	1	4	Ci	11.6	+0.1	24.0	33	-1	21	+1	83	4	18	33	178

UPPER WINDS ON 12th الرياح العليا يوم ١٢

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

SALÛM 7 h. m.	MATRÛH 7 h. m.	DIKHEILA h. m.	MINYA (DAMIETTA) 8 h. m.	HELWÂN 8 h. 45 m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 4 h. m.	KAREIMA 4 h. m.	KHARTÛM 7 h. m.	KASSALA 7 h. m.	EL OBEID 6 h. m.	MALAKÂL 8 h. m.	JÛBA 6 h. m.	EL FASHER 6 h. m.
02 27 20	02 01 10		02 35 25	02 03 30	02 32 40	02 01 20	03 01 35	06 02 45	06 27 15	06 20 25	07 25 30	06 17 00	06 26 20	09 36 20
04 31 20	05 01 15		05 36 35	05 04 40	05 34 30	05 03 30	06 01 60	10 03 35	10 26 10	10 21 20	10 27 20	10 34 05	10 30 05	10 02 30
05 35 10	10 35 15		10 31 50	10 04 35	10 34 45		10 02 50	15 05 20	15 25 10	15 19 05	15 06 05	15 07 10	15 09 20	15 05 40
10 02 05	15 32 10		15 34 15	15 02 15	15 31 15		15 05 30	20 12 15	20 27 10	20 08 05	20 04 10	20 07 25	20 12 25	20 06 50
13 33 10	20 27 00			20 21 15			20 07 15	30 09 20	25 30 10	30 02 15	30 06 25	30 10 25	30 17 25	30 08 90
15 31 25	24 15 05			25 20 25			30 10 20	40 06 25	30 30 15	40 01 40	40 07 25	40 07 25	40 22 20	35 09 85
20 32 30	Ent. Cu			30 17 25			40 17 40		40 08 10	50 08 05		42 09 25	50 24 15	
25 30 20				35 20 35			40 18 25		48 08 10	56 10 15			00 25 30	
27 26 10				40 20 45									64 25 25	
30 21 20				42 20 55										

Forecast for 24 hours from noon on 12th

Light to moderate northerly winds.
Some medium cloud.
Possibility of light showers on the coast.
Temperature slightly above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٢
رياح شماليه ما بين الخفيفه والمعتدله .
يظهر بعض السحاب الوسط .
ويحتمل ان تمطر خفيفا على الساحل .
ودرجة الحراره فوق المعدل بقليل

STATION	Mean of day Humidity % 11th	Diff. from normal	Wet bulb temp. °C 11th	Diff. from normal
Alexandria	57	-11	19.4	-0.2
Ezbekîya	64	-2	19.8	+0.1
Gîza	65	-3	19.8	+0.1
Helwân	50	-4	18.0	+0.6

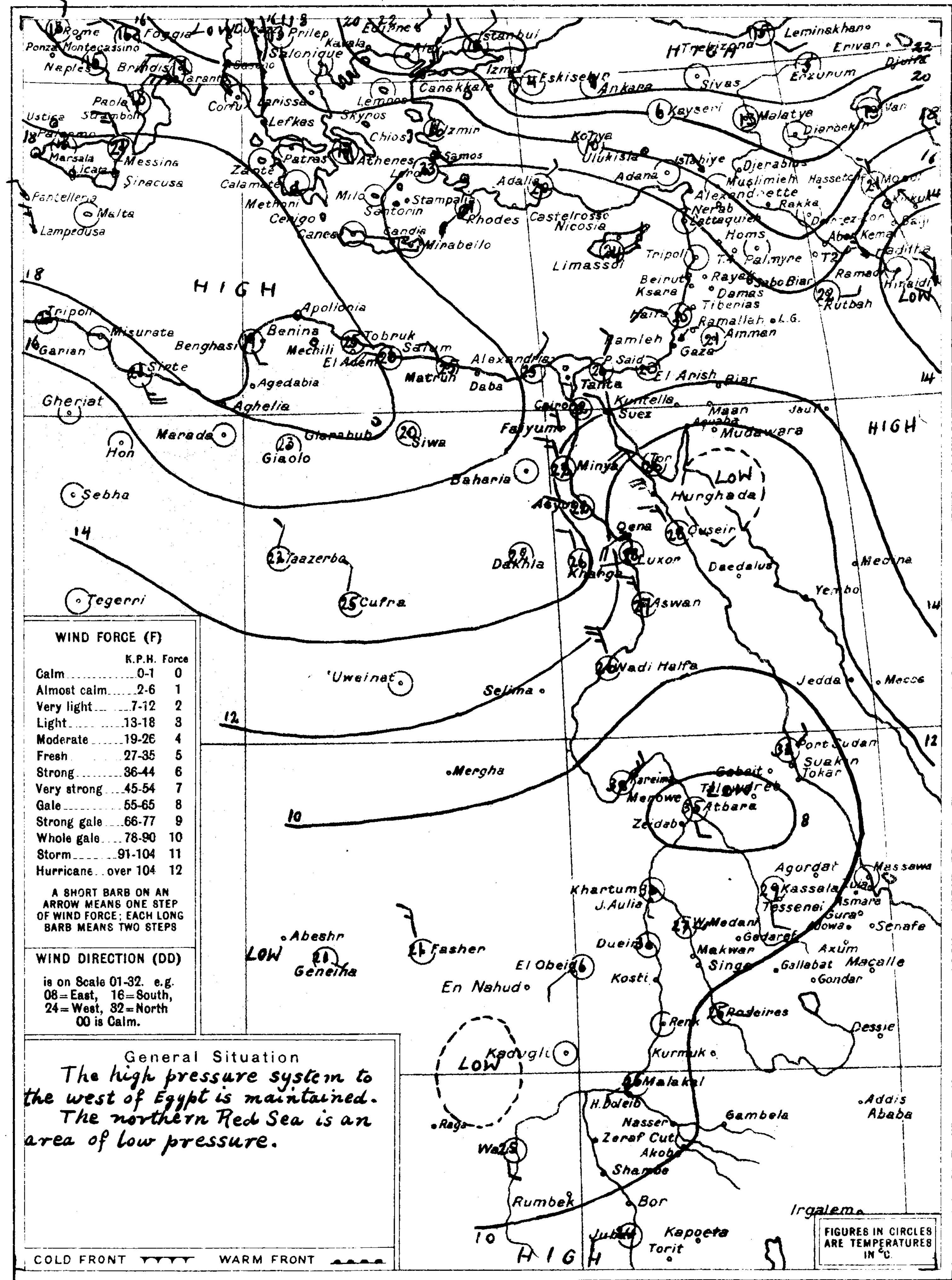
Gîza Grass minimum on 12th 10.0 °C

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

DATE	1939	1938
12-10	4496	7974
11-10	4643	8015

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-10	13.15	-0.60	13.09	-0.66
Nâşşer	10-10	10.51	+0.01	10.51	+0.01
Malakâl	12-10	12.21	-0.06	12.20	-0.07
Roşeireş	12-10	15.80	-0.67	15.76	-0.77
Sennâr Res.	11-10	17.21	—	17.20	—
J. Aulia U.S	11-10	375.76	—	375.74	—
J. Aulia D.S	11-10	373.42	-0.93	373.54	-0.88
Khartûm	12-10	13.36	-0.97	13.49	-0.90
Kh. el Girba	11-10	11.88	-0.05	12.40	+0.07
'Atbara	12-10	12.76	-0.64	12.87	-0.63
Kajnarti	11-10	139.21	-0.60	139.31	-0.66
Aswân Res.	12-10	103.44	—	102.57	—
Aswân D.S.	12-10	89.48	-0.97	90.15	-0.85
Rôda (Cairo)	12-10	17.64	-0.81	17.72	-0.72

Isobars, Wind and Temperature at 8 h. 12-10-1939



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 to the west of Egypt is maintained. The northern Red Sea is an area of low pressure.

At 8 h. on 12-10-1939 الساعة ٨ يوم ١٢-١٠-١٩٣٩

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	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms
LIMASSOL	01	7	06	2	0	2	—	14.6	-0.2	24	—		—		—	0	0	8
HAIFA	02	—	26	2	—	5	—	15.2	+1.7	24.7	28	-7	19	+1	55	0	0	6
Hurghada 10th	00	9	30	5	0	0	—	11.0	-2.0	27.5	33	+2	23	+3	80	0	0	—
Hurghada 11th	00	9	30	5	0	0	—	11.4	-1.7	26.9	32	+1	24	+4	75	0	0	—
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	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	86, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. m. 05 55
" " Sunset h. m. 17 27

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

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر اكتوبر

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	°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																													
SALÛM	02	8	32	6	1	4	Cu	16.0	23.8	63	05	6	26	3	0	3	Cu	17.6	+0.8	19.7	26	—	16	—	76	0	tr.	—	130
MATRÛH	01	7	28	2	0	2	Cu	15.9	25.0	77	01	7	24	2	0	2	Cu	15.6	-0.6	23.2	28	+1	18	0	81	0	0	6	131
DIKHEILA	01	8	30	3	1	4	Cu	16.0	24.7	61	01	8	30	3	1	4	Cu	16.6	—	24.0	25	—	22	—	60	0	0	—	150
ALEXANDRIA	02	9	32	4	2	4	Cu	15.2	25.0	58	02	9	32	3	2	4	Cu	16.2	-0.2	23.3	28	0	22	+2	62	0	0	2	132
DAMIETTA											02	7	18	1	1	4	Ac	15.0	—	23.4	26	—	18	—	72	0	0	3	159
PORT SAÏD	02	8	04	4	1	4	Cu	14.2	27.2	56	02	8	30	3	1	4	Cu	15.2	+0.8	26.2	29	+1	22	+1	59	0	0	1	134
EL 'ARÎSH	03	6	30	2	2	6	Cu	13.0	25.0	75	03	7	22	2	2	6	As	14.7	—	23.5	28	—	20	—	71	0	0	2	135
LOWER EGYPT																													
DAMANHÛR											01	8	02	3	1	3	Cu	16.3	+0.2	23.7	28	-2	16	-1	71	0	0	2	136
MANṢÛRA											01	7	12	1	1	3	Sc	15.5	—	22.7	29	-2	17	0	72	0	0	1	137
TANTA	01	7	00	0	1	3	Cu	14.2	28.5	52	01	7	00	0	1	3	Cu	16.3	-0.2	23.0	29	-2	16	-1	74	0	0	1	138
ZAGÂZÎG	01	9	02	1	0	2	Cu	16.2	29.4	64	00	8	30	1	0	1	Cu	16.4	—	24.9	29	-1	15	-1	78	0	0	1	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	30	3	1	2	Ac	14.2	27.6	50	05	6	00	0	1	2	Sc	16.2	—	21.2	28	—	22	—	73	0	0	—	141
CAIRO EZBEKIYA	01	8	02	2	1	4	Cu	13.4	28.7	46	02	6	00	0	1	4	Ac	16.2	+0.6	21.7	30	0	18	+1	75	0	0	1	—
CAIRO GIZA	01	8	02	2	1	4	Cu	13.1	29.0	46	02	6	00	0	1	4	Ac	16.4	+0.9	21.2	29	-1	15	-1	80	0	0	1	—
HELWÂN	01	8	28	4	1	3	Ac	13.4	27.2	42	05	5	32	2	1	3	Sc	16.2	+0.4	21.4	29	-1	18	0	68	0	0	0	143
SUEZ	02	9	32	3	3	5	Sc	12.7	27.2	55	01	8	30	2	0	3	Cu	15.8	+0.8	27.5	28	-3	18	-2	74	0	0	1	144
UPPER EGYPT																													
FAIYUM	02	8	32	3	0	4	Cu	12.7	29.3	38	00	7	32	2	0	0	—	16.3	+1.1	21.2	31	0	16	-1	71	0	0	0	153
MINYA	01	7	32	3	1	3	Sc	12.8	28.0	43	00	8	32	0	0	0	—	15.2	-0.3	20.4	29	-1	17	-1	78	0	0	—	154
ASYÛT	01	8	22	3	1	3	Cu	11.9	30.0	49	00	7	28	3	0	0	—	14.4	-0.2	22.0	30	0	19	+1	69	0	0	0	155
QENA	00	8	26	2	0	0	—	10.2	33.8	45	00	8	22	5	0	0	—	12.0	-1.2	23.9	35	0	22	+4	66	0	0	—	156
LUXOR	00	9	03	1	0	0	—	9.4	36.5	37	00	9	10	2	0	0	—	12.0	—	28.3	38	—	20	—	55	0	0	—	157
ASWÂN	00	7	02	3	0	0	—	7.8	37.0	26	00	7	32	5	0	0	—	11.2	-1.6	27.0	38	+1	23	+2	45	0	0	—	158
WESTERN DESERT																													
SÎWA	02	8	28	4	2	5	Sc	14.8	22.3	54	00	7	00	0	0	0	—	18.7	+2.7	22.0	31	-1	13	-2	73	0	0	0	148
BAHARÎYA	00	9	32	3	0	0	—	14.6	26.5	58	00	9	32	1	0	0	—	16.2	—	19.9	28	—	16	—	80	0	0	—	149
KHARGA	00	8	04	2	0	0	—	11.6	34.0	31	00	8	32	3	0	0	—	16.0	+1.9	22.8	34	0	20	+2	46	0	0	0	151
DÂKHLA	00	8	02	3	0	0	—	13.4	30.0	44	00	7	00	0	0	0	—	16.2	+1.2	21.3	31	-3	14	+1	78	0	0	—	152
RED SEA																													
TOR	01	6	28	5	0	3	Ac	9.8	29.2	69	00	5	28	4	0	1	Ac	11.5	-1.7	26.1	30	+1	21	+2	75	0	0	0	145
HURGHADA	00	9	32	4	0	0	—	9.5	30.3	69	06	8	30	6	0	0	—	11.5	-1.8	25.7	31	0	23	+3	76	0	0	—	146
QUṢEIR	00	7	02	2	0	1	Ci	10.3	30.0	65	00	7	32	3	0	0	—	11.4	-1.6	27.8	31	0	24	0	60	0	0	0	147
PORT SUDAN											00	—	04	2	0	0	—	10.7	-0.8	31.2	36	+2	24	-1	70	0	0	4	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	4	0	0	—	12.0	-0.9	25.3	38	+1	23	+3	34	—	—	—	165
KAREIMA											00	7	03	1	0	0	—	9.1	-1.6	29.0	42	+1	24	+1	24	0	0	0	166
'ATBARA											00	—	08	3	0	0	—	9.1	-0.6	32.5	40	+1	25	+1	22	0	0	0	167
KHARTÛM											01	7	26	2	0	2	Ac	7.7	-1.2	29.0	42	+2	26	+2	34	0	1	2	168
KASSALA											00	8	14	1	0	0	—	9.3	-1.6	28.0	37	-1	24	+1	60	0	dr.	4	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	22	1	0	4	—	8.3	-1.1	29.0	35	-4	22	0	55	1	3	5	171
DUEIM											02	—	—	—	0	4	—	9.0	-0.4	28.6	38	-1	23	+1	55	0	9	5	173
RENK																												—	182
ROSEIRES																												12	172
EL OBEID											01	8	30	1	1	3	Ac,Ci	8.5	-2.7	25.7	37	+1	21	+1	36	0	3	7	174
EL FÂSHER											00	8	30	3	0	0	—	—	—	22.8	36	—	16	—	40	0	1	3	175
GENEINA											01	8	04	5	1	4	Ac	—	—	22.0	36	—	14	—	29	0	18	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	30	2	8	7	Ac	7.9	-3.1	25.3	33	-1	23	+2	86	dr	66	31	176
WAU											03	—	24	1	1	7	—	8.3	-2.0	24.7	34	0	23	+3	86	0	52	49	177
JUBA											02	8	24	1	1	5	Ac,Ci	9.9	-1.5	26.3	34	0	22	+2	76	0	18	36	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 7h. m.	MATRÛH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWÂN h. m.	ASYÛT h. m.	ASWÂN h. m.	WÂDI HALFA 4h. m.	KAREIMA 4h. m.	KHARTÛM 5h. m.	KASSALA 6h. m.	EL OBEID 6h. m.	MALAKÂL 6h. m.	JÛBA 6h. m.	MINYA A.P. 8h. m.
02 27 20							03 01 35	06 02 30	06 21 35	06 19 15	07 32 25	06 01 10	06 24 20	02 36 25
05 31 05							06 02 55	10 06 50	10 21 30	10 20 10	10 33 20	10 36 05	10 13 10	05 36 45
10 32 10							10 01 45	15 08 25	15 18 20	15 13 10	15 03 25	15 09 05	15 10 30	10 35 25
15 32 30							15 07 20	20 05 25	20 16 15	20 03 25	20 04 20	20 12 15	20 12 45	15 36 10
20 31 45							20 12 15	30 07 15	30 08 10	30 04 20	24 07 15	30 11 15	30 11 25	20 33 10
25 31 50							30 16 25	34 09 15		40 01 25		40 10 10	40 16 35	25 27 05
30 33 45							40 16 25			50 29 05			50 18 30	
35 31 45							45 18 15			57 29 10				
40 29 30														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	57	-11	19.2	-0.4
Ezbekiya	61	-5	19.3	-0.3
Giza	60	-8	19.4	-0.2
Helwân	53	-1	13.3	+1.0

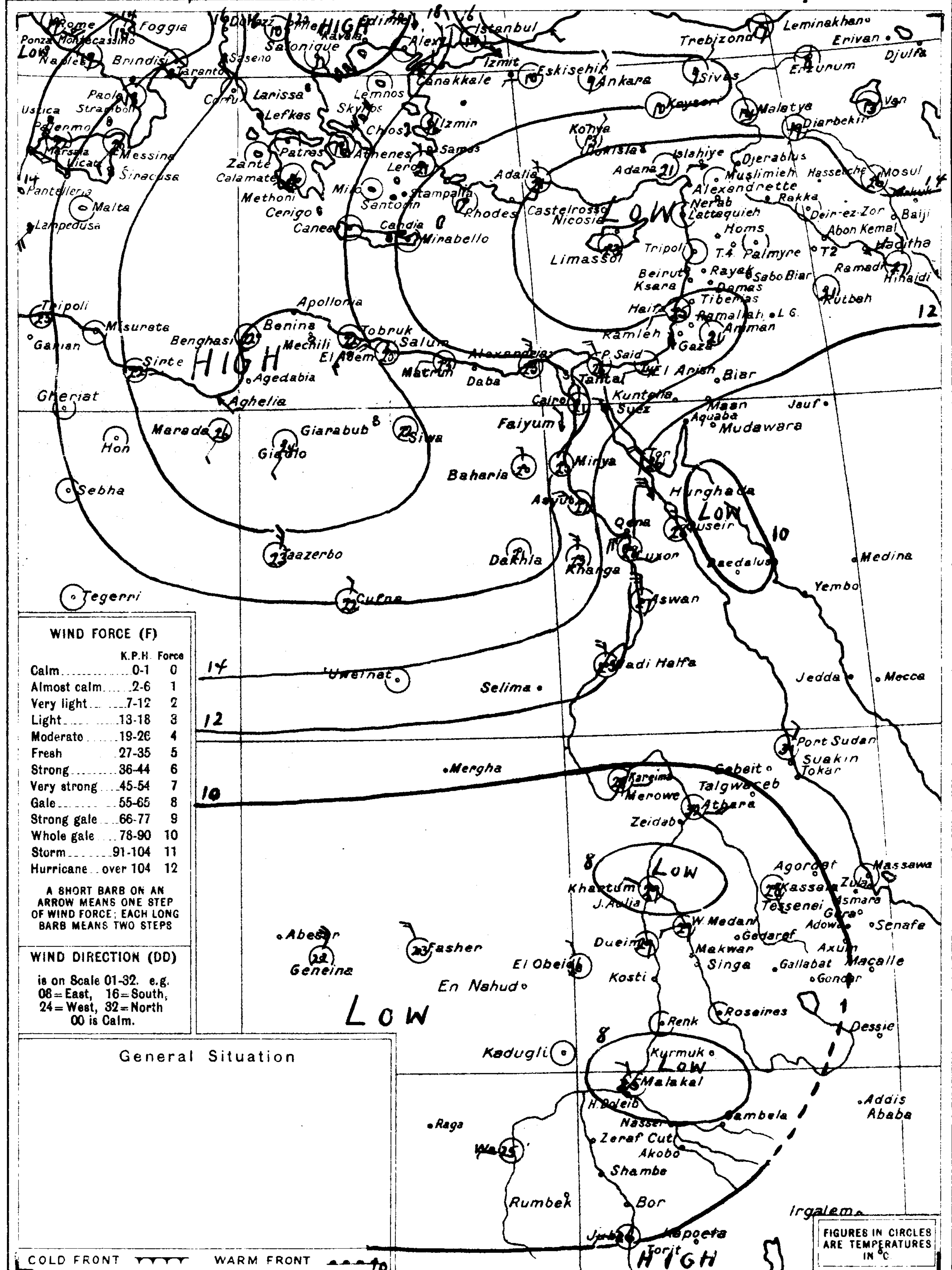
Gîza Grass minimum on 13th 8.2°C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
13-10	4393	7909
12-10	4496	7979

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-10	13.20	-0.56	13.12	-0.64
Nâṣṣer	12-10	10.52	+0.01	10.52	+0.01
Malakâl	13-10	12.21	-0.07	12.21	-0.06
Roṣeires	13-10	15.92	-0.49	15.80	-0.67
Sennâr Res.	13-10	17.21	—	17.20	—
J. Aulia U.S	13-10	375.72	—	375.75	—
J. Aulia D.S	13-10	373.24	-0.98	373.22	-0.96
Khartûm	13-10	13.25	-1.02	13.36	-0.97
Kh. el Girba	13-10	11.70	-0.15	11.75	-0.13
'Atbara	13-10	12.65	-0.69	12.76	-0.64
Kajnarti	13-10	138.94	-0.75	139.09	-0.69
Aswân Res.	13-10	104.30	—	103.44	—
Aswân D.S.	13-10	89.81	-1.08	89.98	-0.97
Rôda (Cairo)	12-10	17.64	-0.81	17.72	-0.72

Isobars, Wind and Temperature at 8 h. 13-10-39 ١٣-١٠-٣٩



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 13th الساعة ٨ يوم ١٣

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	Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	7	00	0	0	1	—	13.4	-1.4	23	—	—	—	—	—	0	0	9
Haifa	03	—	22	2	—	8	—	14.6	+1.0	24.8	28	-1	21	+3	56	0	0	7
Bahariya 12th	00	9	32	2	0	0	—	14.2	—	21.8	30	—	18	—	75	0	0	—

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 5 36
" " Sunset 17 26

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

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 SATURDAY 14th (الساعة ٨ يوم السبت ١٤)

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	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALÛM	02	8	32	6	1	4	Cu	16.4	23.7	68	01	7	26	3	0	3	Cu	17.4	+0.5	20.4	28	—	17	—	79	0	dr	—	130
	MATRÛH	01	7	30	2	0	2	Cu	15.9	25.0	82	01	7	20	2	0	3	Cu	16.6	+0.3	23.9	25	-1	18	0	77	0	0	6	131
	DIKHEILA	01	8	30	3	1	3	Cu	16.2	24.9	56	01	8	22	2	1	4	Cu	17.1	—	22.1	25	—	18	—	65	0	0	—	150
	ALEXANDRIA	02	9	32	4	2	4	Cu	15.6	26.5	53	02	9	16	1	2	4	Cu	16.4	0.0	23.0	28	0	20	0	67	0	0	3	132
	DAMIETTA											01	8	00	0	1	3	Cu	15.4	—	24.0	26		17		64	0	0	3	159
	PORT SAÎD	02	8	30	4	1	4	Cu	14.6	28.0	52	01	8	30	2	1	3	Cu	15.6	+1.1	26.4	30	+2	22	+1	57	0	0	1	134
	EL 'ARÎSH	02	7	30	2	1	4	Ac	14.2	26.4	66	02	6	18	1	1	5	As	15.0	—	22.6	28		18	—	74	0	0	2	135
LOWER EGYPT	DAMANHÛR											01	7	20	2	1	3	Cu	17.0	+0.8	22.7	28	-2	17	+1	70	0	0	2	136
	MANSÛRA											00	8	20	1	0	0	—	16.0	—	22.1	29	-2	17	0	72	0	0	1	137
	TANTA	02	7	28	3	1	5	Cu	15.9	28.5	49	00	7	00	0	0	0	—	16.6	0.0	23.0	29	-2	15	-2	74	0	0	1	138
	ZAGÂZIG	02	9	30	1	0	4	Cu	14.4	27.4	58	00	8	04	1	0	0	—	15.4	—	23.6	30	0	14	-2	78	0	0	1	139
MIDDLE EGYPT	CAIRO ALMAZA	01	8	30	3	1	2	Cu	14.4	27.9	49	00	7	06	1	0	0	—	16.4	—	20.8	—		16	—	70	0	0	—	141
	CAIRO EZBEKIYA	02	8	02	1	1	4	Cu	14.2	28.5	44	05	5	30	1	0	0	—	16.3	+0.7	20.5	31	+1	17	0	73	0	0	1	—
	CAIRO GÎZA	02	8	02	1	1	4	Cu	14.3	29.1	42	00	6	28	1	0	0	—	16.7	+1.2	19.2	29	-1	14	-1	83	0	0	1	—
	HELWÂN	01	7	30	4	1	2	Cu	13.9	27.1	40	05	6	00	0	0	0	—	16.4	+0.5	20.3	28	-2	18	0	69	0	0	0	143
	SUEZ	00	9	32	3	0	1	Cu	13.6	27.4	50	00	7	32	2	0	0	—	16.0	+1.0	21.7	29	-2	18	-2	71	0	0	1	144
UPPER EGYPT	FAIYÛM	00	8	32	4	0	0	—	13.6	29.0	35	00	7	32	2	0	0	—	16.6	+1.4	21.8	30	-1	16	-1	67	0	0	0	153
	MINYA	00	8	32	4	0	0	—	13.8	28.0	39	00	7	32	2	0	0	—	15.9	+0.3	19.9	29	-1	17	-1	80	0	0	—	154
	ASYÛT	00	8	30	4	0	0	—	13.0	28.9	36	00	7	28	3	0	0	—	15.0	+0.3	21.2	30	0	19	+1	73	0	0	0	155
	QENA	00	8	24	4	0	0	—	10.0	33	37	00	8	26	3	0	0	—	12.6	-0.7	23.7	34	-1	20	+2	67	0	0	—	156
	LUXOR	00	9	22	2	0	0	—	10.2	35.5	32	00	9	06	1	0	0	—	12.4	—	27.2	37		18		55	0	0	—	157
	ASWÂN	00	7	30	5	0	0	—	7.9	36.5	29	00	7	32	5	0	0	—	12.0	-0.9	25.5	38	+1	22	+1	48	0	0	—	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	17.2	30.0	55	00	8	00	0	0	0	—	17.4	+1.3	23.0	31	-1	15	0	65	0	0	0	148
	BAHARÎYA	00	9	32	3	0	0	—	15.5	27.0	54	00	9	32	1	0	0	—	16.4		18.5	28		14	—	83	0	0	—	149
	KHARGA	00	8	04	4	0	0	—	13.4	31.2	31	00	8	32	3	0	0	—	15.8	+1.6	22.9	31	-3	20	+2	53	0	0	0	151
	DÂKHLA	00	8	30	4	0	0	—	13.9	29.8	48	00	7	28	2	0	0	—	16.2	+1.0	21.8	31	-2	19	+2	67	0	0	—	152
RED SEA	TÔR	00	6	28	6	0	1	Cu	10.0	27.8	78	00	6	28	3	0	0	—	12.0	-1.3	25.7	28	-1	22	+4	71	0	0	0	145
	HURGHÂDA											06	9	30	7	0	0	—	11.5	-1.9	25.4	30	-1	24	+4	62	0	0	—	146
	QUSEIR	00	7	02	3	0	1	Ci	10.6	28.6	72	00	7	32	3	0	0	—	11.8	-1.4	27.6	30	-1	25	+2	61	0	0	0	147
	PORT SUDAN											40	—	32	2	2	9	—	10.7	-0.9	31.5	36	+2	25	0	72	0	0	4	169
NORTH SUDAN	WÂDI HALFA											00	8	30	5	0	0	—	10.4	-2.6	24.3	39	+3	22	+2	39	—	—	—	165
	KAREIMA											00	8	04	3	0	0	—	9.3	-1.4	29.7	41	+1	25	+2	16	0	0	0	166
	'ATBARA											00	—	32	2	0	0	—	8.8	-1.0	30.3	40	+1	25	+1	22	0	0	0	167
	KHARTÛM											00	8	02	1	0	1	Ac	7.0	-1.9	30.2	40	0	25	+1	47	0	1	2	168
	KASSALA											01	8	16	2	0	3	Ac	7.5	-2.4	28.8	38	0	24	+1	55	0	dr	5	170
CENTRAL SUDAN	WAD MEDANI											00	—	26	3	1	0	—	7.1	-2.3	29.9	37	-2	23	+1	47	0	3	5	171
	DUEIM											00	—	—	—	0	0	—	7.6	-1.8	30.8	37	-2	25	+3	46	0	9	5	173
	RENK																												—	182
	ROSEIRES											03	—	14	1	2	7	—	9.0	-1.4	24.7	37	+1	21	+1	80	0	dr*	13	172
	EL OBEID											09	6	26	2	1	8	AcCs	7.1	-4.1	24.8	37	+1	23	+3	28	0	3	8	174
	EL FÂSHER											01	8	32	1	1	4	Cs	—	—	22.6	36	0	15	-3	40	0	1	4	175
	GENEINA											02	8	04	3	1	5	Ac,Ci	—	—	21.2	35	—	15	—	41	0	18	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL											03	8	28	3	8	7	Ac,As	8.3	-2.7	25.1	33	-1	23	+2	85	dr	66	34	176
	WÂU																												53	177
	JÛBA											02	8	30	1	1	5	Ci	10.1	-1.3	26.0	35	+1	22	+2	76	0	18	39	178

UPPER WINDS ON 14th

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

SALÛM	MATRÛH	DIKHEILA	MINYA	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA	P.SAID A.P.
7 h.	7 h.	h. m.	8 h.	9 h.	7 h.	7 h.	4 h.	4 h.	7 h.	7 h.	6 h.	6 h.	8 h.	8 h.
02.28.15	02.27.15		02.36.25	05.02.30	02.36.25	02.01.20	06.02.45	06.03.60	06.33.15	06.19.15	07.34.30	06.31.10	06.31.15	02.34.15
04.24.05	05.24.10		05.36.35	10.04.25	05.35.50	05.01.50	10.05.25	10.05.55	10.27.15	10.17.15	10.04.25	10.03.05	10.32.35	05.35.10
05.17.05	10.32.20		10.35.40	15.01.35	10.35.50	10.02.55	15.02.15	15.05.45	15.30.05	15.13.20	15.15.05	15.06.05	15.05.15	10.35.15
08.09.05	15.33.25		15.34.20	20.01.25		15.16.15	20.05.05	20.07.25	20.06.15	20.07.10	20.01.10	20.21.05	20.11.20	15.35.10
10.07.00	ent. Cu		20.34.10	25.34.15		20.17.25	30.09.15		25.05.20	30.32.10	30.09.40	30.16.10	30.20.20	20.31.20
11.27.10				30.24.25		25.16.25	40.28.15		30.04.20	40.28.05		40.11.10	40.16.25	25.28.05
15.29.25				40.24.45			50.15.05		40.01.05	43.28.10		43.10.10	50.17.30	
18.30.30				50.25.40					50.17.10					
20.30.55				60.27.55					57.30.05					
22.30.65				70.26.55										

Forecast for 24 hours from noon on 14th

Light to moderate winds, northwesterly on the coast, northerly inland.
Some low cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٤
رياح بين الخفيفة والمعتدلة تحوية شمالية غربية على الساحل وشمالية في الداخل - ويظهر بعض السحب المنخفضة
ولا تتغير درجة الحرارة إلا قليلاً

STATION	Mean of day Humidity % 13th	Diff. from normal	Wet bulb temp. °C 13th	Diff. from normal
Alexandria	56	-12	19.1	-0.4
Ezbekiya	64	-2	19.3	-0.2
Giza	64	-4	19.3	-0.3
Helwân	54	0	18.0	+0.8

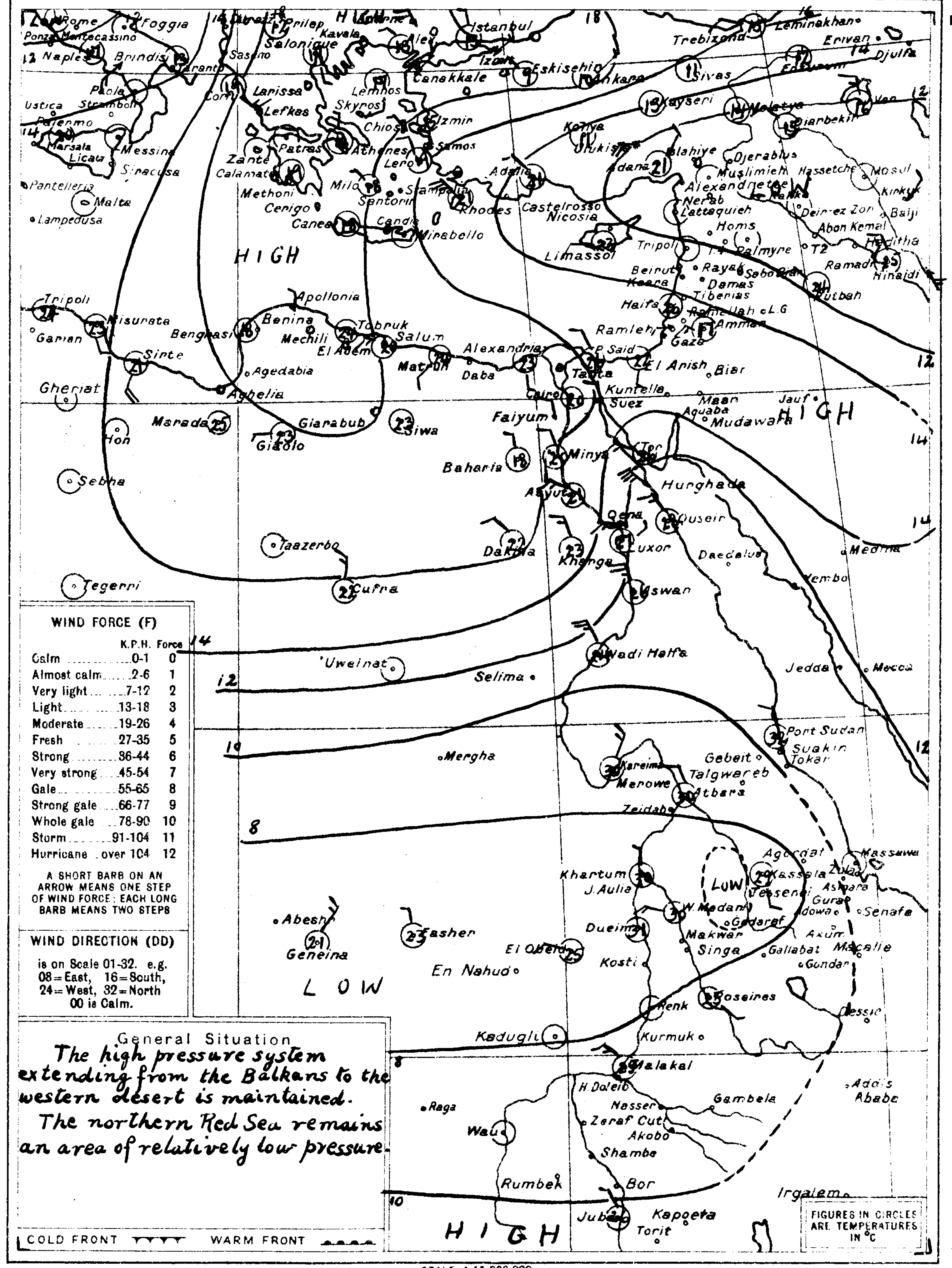
Gîza Grass minimum on 14th 6.9 °C

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

DATE	1939	1938
13.10	4393	7909
12.10	4496	7979

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13.10	13.15	-0.61	13.20	-0.56
Nâsser	13.10	10.53	0.00	10.52	+0.01
Malakâl	14.10	12.21	-0.08	12.21	-0.07
Roseires	14.10	16.10	-0.21	15.92	-0.49
Sennâr Res.	13.10	17.21	—	17.20	—
J. Aulia U.S	13.10	375.72	—	375.75	—
J. Aulia D.S	13.10	373.24	-0.98	373.32	-0.96
Khartûm	13.10	13.25	-1.02	13.36	-0.97
Kh. el Girba	13.10	11.70	-0.15	11.75	-0.13
'Atbara	13.10	12.65	-0.69	12.76	-0.64
Kajnarti	13.10	138.94	-0.75	139.09	-0.69
Aswân Res.	13.10	104.30	—	103.44	—
Aswân D.S.	13.10	89.81	-1.08	89.98	0.7
Rôda (Cairo)	12.10	17.64	-0.81	17.72	-0.72

١٩٣٩-١٠-١٤ Isobars, Wind and Temperature at 8 h. 14-10-1939



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 extending from the Balkans to the western desert is maintained.
The northern Red Sea remains an area of relatively low pressure.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 14-10-1939 (الساعة ٨ يوم ١٤-١٠-١٩٣٩)

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 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	24	2	0	3	—	13.8	-1.2	23	—	—	—	—	—	0	0	10
HAIFA	02	—	10	2	—	4	—	15.0	+1.3	25.6	28	-1	20	+3	50	0	0	7
SHIPS سفن																		

Remarks

* Roseires total rainfall does not include rain on 12th.

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 5 57
" " Sunset 17 25

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

DAILY WEATHER REPORT

Month OCTOBER 1939 شهر أكتوبر ١٩٣٩

At 14 h. on 14th الساعة ١٤ يوم ١٤

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN: SALÛM	02	8	02	5	1	4	Cu	16.2	24.1	67
MATRÛH	01	7	30	3	0	2	Cu	16.7	25.2	82
DIKHEILA	01	8	30	3	1	3	Cu	16.3	25.0	61
ALEXANDRIA	02	9	28	3	2	4	Cu	15.9	26.0	59
DAMIETTA										
PORT SAÏD	01	8	30	2	1	3	Cu	15.1	29.2	51
EL 'ARÎSH	01	7	30	2	—	4	Ac	15.8	26.7	58
LOWER EGYPT: DAMANHÛR										
MANSÛRA										
TANTA	02	7	32	3	1	5	Cu	14.8	28.5	52
ZAGÂZIG	02	9	28	1	0	4	Cu	15.0	28.9	67
MIDDLE EGYPT: CAIRO ALMAZA	01	8	30	3	1	4	Cu	14.8	27.4	54
CAIRO EZBEKÎYA	02	8	30	2	1	5	Cu	14.6	28.2	43
CAIRO GÎZA	02	8	30	2	1	5	Cu	14.4	28.3	43
HELWÂN	02	7	32	4	1	4	Cu	14.3	27.1	38
SUEZ	01	9	32	2	0	2	Cu	14.0	27.2	44
UPPER EGYPT: FAIYUM	01	8	32	3	0	3	Cu	14.4	28.9	58
MINYA	01	8	32	4	1	2	Cu	13.5	28.0	38
ASYÛT	00	8	30	4	0	0	—	12.8	28.5	31
QENA	00	8	24	3	0	0	—	10.2	32.7	38
LUXOR	00	9	14	1	0	0	—	10.3	34.9	39
ASWÂN	00	7	30	4	0	0	—	7.6	35.7	28
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	17.1	32.4	44
BAHARÎYA	00	9	32	2	0	0	—	13.0	27.1	53
KHÂRGA	00	8	04	3	0	0	—	12.7	31.0	39
DÂKHLA	00	8	02	5	0	0	—	13.8	30.8	46
RED SEA: TÔR	00	6	28	6	0	1	Cc	10.0	27.1	76
HURGHÂDA	00	9	32	6	0	0	—	9.9	29.4	62
QUSEIR	00	7	02	3	0	1	Ci	11.0	29.0	67
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 SUNDAY 15th الساعة ٨ يوم الأحد ١٥

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
SALÛM	02	7	26	2	1	4	Cu	17.5	+0.5	20.7	27	—	18	—	73	0	dr	—	130
MATRÛH	01	8	28	3	1	3	Cu	17.2	+0.8	21.1	25	-1	19	+1	76	0	0	7	131
DIKHEILA	01	8	30	3	1	4	Cu	16.6	—	23.9	27	—	22	—	60	0	0	—	150
ALEXANDRIA	02	9	32	2	2	4	Cu	16.0	-0.5	23.6	28	0	22	+2	59	0	0	3	132
DAMIETTA	01	8	18	1	1	3	Cu	15.2	—	22.0	26	—	17	—	74	0	0	3	159
PORT SAÏD	01	8	28	3	1	3	Cu	15.4	+0.8	25.4	30	+2	21	0	64	0	0	1	134
EL 'ARÎSH	01	7	00	0	1	4	Cu	14.6	—	24.5	27	—	17	—	60	0	0	2	135
DAMANHÛR	01	7	04	2	1	3	Cu	16.4	+0.1	23.8	29	-1	16	0	64	0	0	2	136
MANSÛRA	01	8	32	1	1	3	Cu	15.8	—	22.2	29	-2	18	+1	71	0	0	1	137
TANTA	00	7	00	0	0	0	—	16.0	-0.7	23.0	29	-2	15	-2	74	0	0	1	138
ZAGÂZIG	00	8	30	1	0	0	—	16.6	—	23.8	29	-1	15	-1	76	0	0	1	139
CAIRO ALMAZA	05	6	00	0	0	1	—	16.2	—	20.5	28	—	16	—	71	0	0	—	141
CAIRO EZBEKÎYA	00	5	32	1	0	0	—	15.9	+0.2	20.6	30	0	17	0	75	0	0	1	—
CAIRO GÎZA	05	6	30	2	0	0	—	16.0	+0.4	20.0	29	-1	16	+1	85	0	0	1	—
HELWÂN	05	5	02	3	0	0	—	16.0	0.0	21.4	28	-2	18	0	63	0	0	0	143
SUEZ	00	8	28	2	0	0	—	16.2	+0.1	20.3	29	-2	18	-2	72	0	0	1	144
FAIYUM	00	8	32	2	0	0	—	15.6	+0.3	22.4	30	-1	16	-1	55	0	0	0	153
MINYA	01	7	32	1	1	2	Cs	15.0	-0.7	20.0	28	-2	18	0	77	0	0	—	154
ASYÛT	00	7	26	3	0	0	—	13.9	-0.9	21.8	30	0	18	0	67	0	0	0	155
QENA	00	8	28	2	0	0	—	12.0	-1.4	23.4	33	-2	19	+1	58	0	0	—	156
LUXOR	00	9	06	1	0	0	—	12.0	—	26.2	36	—	17	—	60	0	0	—	157
ASWÂN	00	7	02	4	0	0	—	11.0	-2.0	25.4	37	0	22	+1	49	0	0	—	158
SÎWA	00	8	00	0	0	0	—	17.1	+0.9	22.9	33	+1	15	0	83	0	0	0	148
BAHARÎYA	00	9	32	1	0	0	—	16.3	—	20.6	29	—	16	—	81	0	0	—	149
KHÂRGA	00	8	30	2	0	0	—	13.9	-0.4	24.3	31	-3	20	+2	47	0	0	0	151
DÂKHLA	00	7	28	2	0	0	—	15.1	-0.1	21.0	31	-2	17	0	74	0	0	—	152
TÔR	00	6	28	3	0	0	—	11.4	-2.0	25.0	28	-1	18	0	58	0	0	0	145
HURGHÂDA	00	9	28	4	0	0	—	11.6	-1.9	25.6	30	-1	20	0	57	0	0	—	146
QUSEIR	00	7	32	3	0	0	—	11.2	-2.1	27.6	29	-2	24	+1	55	0	0	0	147
PORT SUDAN	02	—	32	2	0	4	—	10.4	-1.3	31.2	34	0	26	+2	70	0	0	5	169
WÂDI HALFA	00	8	32	5	0	1	Ci	10.4	-2.7	24.1	37	+1	21	+2	39	—	—	—	165
KAREIMA	01	7	02	2	0	4	Cs	8.7	-2.1	29.0	40	0	24	+1	24	0	0	0	166
'ATBARA	00	—	08	2	0	0	—	8.2	-1.6	31.0	39	0	25	+1	27	0	0	0	167
KHARTÛM	01	8	26	3	1	3	AcCc	6.3	-2.7	29.8	43	+3	25	+1	53	0	1	2	168
KASSALA	01	8	14	2	0	4	Ac	7.8	-2.0	28.3	39	+1	25	+2	63	0	dr	5	170
WAD MEDANI	00	—	20	3	0	0	—	7.4	-2.0	27.2	39	0	21	-1	57	0	3	5	171
DUEIM	00	—	—	—	0	0	—	7.9	-1.4	28.0	39	0	23	+1	61	0	9	5	173
RENK																		—	182
ROSEIRES	02	—	14	1	2	4	—	8.2	-2.2	26.8	37	+1	23	+3	71	0	dr	14	172
EL OBEID	02	8	18	2	1	5	AcCc	6.8	-4.4	26.6	37	+1	22	+2	56	0	3	9	174
EL FÂSHER	01	8	00	0	1	4	AcCs	—	—	22.6	36	0	17	-1	40	0	1	4	175
GENEINA	01	8	04	4	1	3	Ac	—	—	21.6	36	—	14	—	36	0	18	—	179
KADUGLI																		—	187
MALAKÂL	03	8	22	2	5	7	AcAs	7.9	-3.1	23.7	31	-3	22	+1	91	dr	66	36	176
WÂU	03	—	16	2	6	7	—	8.8	-1.4	23.0	32	-2	21	+1	91	3	55	57	177
JÛBA	03	8	00	0	1	6	StAc	10.4	-1.0	24.6	35	+1	21	+1	84	0	18	42	178

UPPER WINDS ON 15th الرياح العليا يوم ١٥

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

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 7 h. m.	KHARTÛM 3 h. m.	KASSALA 6 h. m.	EL OBEID 7 h. m.	MALAKÂL 3 h. m.	JÛBA 7 h. m.	P.SAID A.F. 8 h. m.
02.16.10	02.02.10		02.02.10	02.01.25	02.31.20	02.10.20	03.01.15	06.05.45	06.22.45	06.19.25	07.24.30	06.35.20	06.28.25	02.30.15
04.07.10	05.02.15		05.02.25	05.02.25	05.36.45	05.02.40	06.04.45	10.06.40	10.23.45	10.22.20	10.25.45	10.34.10	10.33.25	05.33.15
05.06.15	10.02.15		08.02.20	08.03.20	10.36.45	10.01.20	10.05.30	15.07.30	15.25.20	15.17.10	15.27.40	15.36.15	15.03.25	10.35.15
10.05.15			10.02.20	10.03.20	15.01.40	15.32.15	15.09.10	20.07.20	20.26.15	20.10.15	20.03.20	20.36.15	20.05.25	15.01.05
11.04.25			15.02.30	15.02.30	20.36.40	20.34.15	20.09.15	25.06.20		30.35.10		30.09.10	30.13.30	20.01.15
			18.01.25	20.01.15		25.32.15	24.09.15	30.04.25		40.33.15		40.15.20	40.17.30	25.32.15
			20.01.10	23.36.15		30.33.25		40.05.20				44.15.15	50.22.50	30.32.10
			25.01.10	25.32.05				50.06.25					60.25.25	33.33.15
				30.30.20				60.18.10					66.23.25	
				35.26.15				70.16.25						

Forecast for 24 hours from noon on 15th

Light to moderate winds between north and northeast.
Some low cloud.
Temperature about normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٥
رياح بين الخفيفة والمعتدلة وبين شمالية وشمالية شرقية
بعض السحب المنخفضة
ودرجة الحرارة حول المعدل.

STATION	Mean of day: Humidity % on 14th	Diff. from normal	Wet Bulb Temp. °C on 14th	Diff. from normal
Alexandria	63	-5	19.4	0.0
Ezbekîya	64	-2	18.9	-0.6
Gîza	66	2	18.8	-0.7
Helwân	55	+1	17.7	+0.5

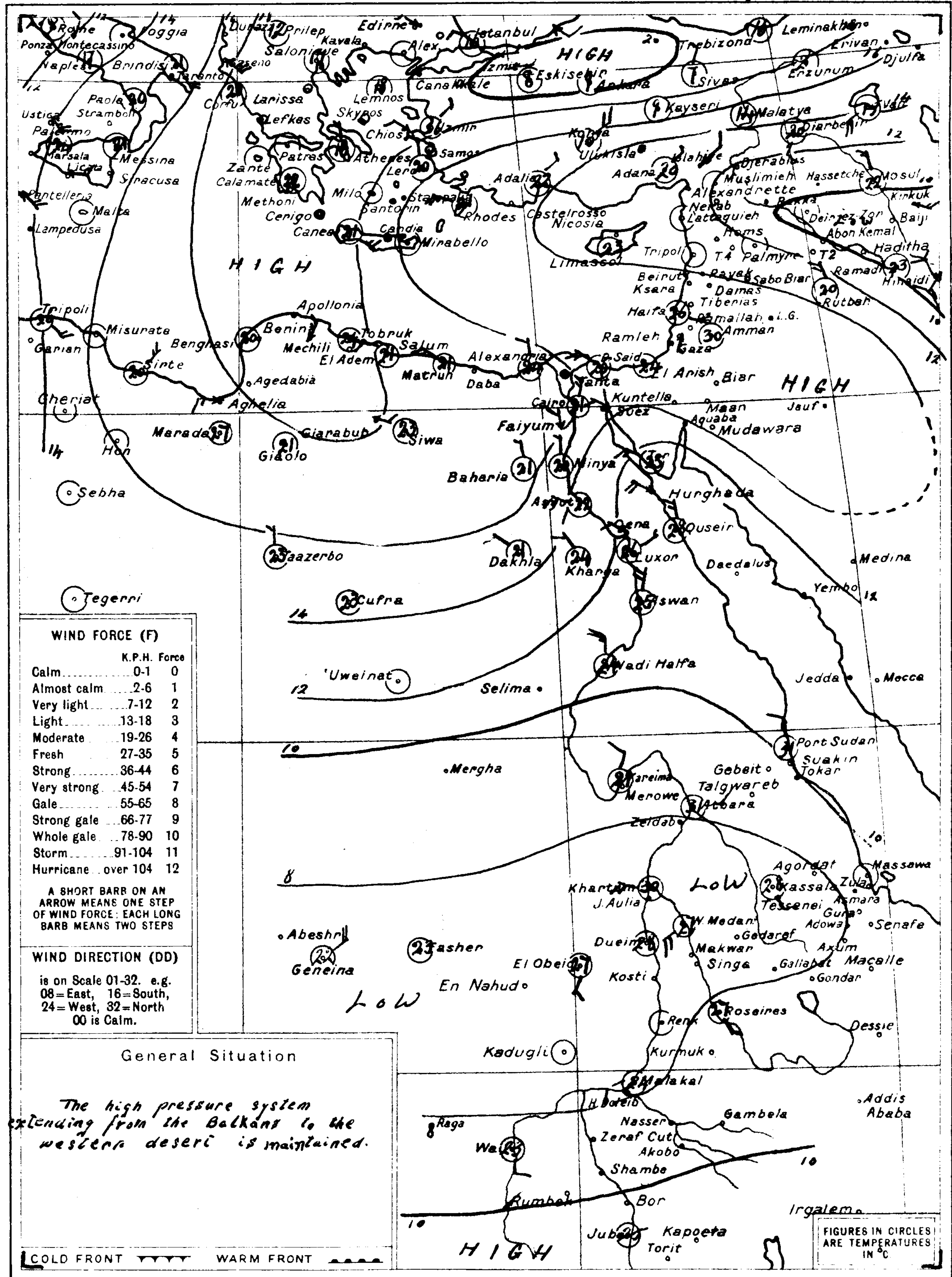
Gîza Grass minimum on 15th 9.1 °C

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

DATE	1939	1938
15-10	3970	7627
14-10	4149	7768

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-10	13.20	-0.54	13.15	-0.61
Nâsser	14-10	16.53	0.00	16.53	0.00
Malakâl	15-10	12.21	-0.09	12.21	-0.08
Roseires	15-10	16.02	-0.19	16.10	-0.21
Sennâr Res.	14-10	17.19	—	17.21	—
J. Aulia U.S	14-10	375.70	—	375.72	—
J. Aulia D.S	14-10	373.17	-0.99	373.24	-0.98
Khartûm	14-10	13.25	-0.95	13.25	-1.02
Kh. el Girba	14-10	11.64	-0.19	11.70	-0.15
'Atbara	14-10	12.54	-0.76	12.65	-0.69
Kajnarti	14-10	138.77	-0.80	138.94	-0.75
Aswân Res.	15-10	105.86	—	105.08	—
Aswân D.S.	15-10	89.47	-1.29	89.64	-1.18
Rôda (Cairo)	14-10	17.53	-0.94	17.58	-0.88

Isobars, Wind and Temperature at 8 h. 15.10.39. ١٥-١٠-٢٩.



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

The high pressure system extending from the Balkans to the western desert 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 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. 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	00	0	0	0	—	13.9	-1.2	23	—	—	—	—	—	0	0	10
Haifa	02	—	10	2	—	4	—	16.0	+2.1	25.5	28	-1	18	+1	46	0	0	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 05.57 h m
" " Sunset 17.24

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month OCTOBER 1939 — شهر أكتوبر ١٩٣٩

At 14 h. on 15th — 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	STATION NUMBER
MEDITERRANEAN — LOWER EGYPT — SALUM	01	8	04	4	0	3	Cu	16.2	23.8	63	130
MATRUH	02	8	30	2	1	5	Cu	15.4	25.1	77	131
DIKHEILA	01	8	30	2	1	4	Cu	15.9	24.3	58	150
ALEXANDRIA	02	9	28	3	2	4	Cu	15.0	26.3	48	132
DAMIETTA											
PORT SAID	00	8	28	4	0	0	—	14.0	27.6	54	134
EL 'ARISH	01	7	02	2	—	4	Cu	14.4	26.5	54	135
MIDDLE EGYPT — DAMANHUR											
MANSURA											
TANTA	01	7	30	2	1	2	Cu	13.8	28.5	52	138
ZAGAZIG	00	8	04	1	0	0	—	14.2	29.1	59	139
CAIRO / ALMAZA	01	8	32	3	1	2	Cu	14.3	26.9	52	141
" / EZBEKIYA	01	7	30	3	0	3	Ac	13.4	28.2	43	
" / GIZA	01	7	30	3	0	3	Ac	13.5	28.1	42	
HELWAN	01	7	32	2	0	2	Cu	13.0	26.3	40	143
SUEZ	00	9	02	4	0	0	—	13.1	26.7	47	144
UPPER EGYPT — FAIYUM	00	8	32	3	0	0	—	13.4	28.2	38	153
MINYA	01	8	32	4	1	3	Cs	12.2	27.9	40	154
ASYUT	01	8	28	4	1	3	Cs	11.0	29.1	31	155
QENA	00	8	26	2	0	0	—	8.8	33.4	36	156
LUXOR	00	9	10	1	0	0	—	9.0	34.4	38	157
ASWAN	00	7	28	5	0	0	—	6.8	35.3	28	158
WESTERN DESERT — SIWA	00	8	00	0	0	0	—	17.2	31.0	59	143
BAHARIYA	00	9	32	3	0	0	—	14.4	27.0	52	149
KHARGA	00	8	04	3	0	0	—	11.5	31.7	30	161
DAKHLA	00	8	02	3	0	0	—	12.3	31.0	50	152
RED SEA — TOR	00	6	28	6	0	0	—	9.0	27.2	74	
HURGHADA	00	9	32	5	0	0	—	9.1	29.5	58	
QUSEIR	00	7	02	3	0	0	—	10.3	28.5	67	
PORT SUDAN											
NORTH SUDAN — WADI HALFA											165
KAREIMA											166
'ATBARA											167
KHARTUM											168
KASSALA											170
CENTRAL SUDAN — WAD MEDANI											171
DUEIM											173
RENK											182
ROSEIRES											172
EL OBEID											174
EL FASHER											175
GENEINA											179
KADUGLI											187
S. SUDAN — MALAKAL											176
WAU											177
JUBA											178

At 8 h. on 16th — الساعة ٨ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	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	05	6	28	2	0	3	Cu	17.2	+0.2	19.9	25	—	17	—	87	0	tr	—	130
MATRUH	01	7	32	2	1	3	Cu	16.0	-0.4	24.3	26	0	22	+4	81	0	0	7	131
DIKHEILA	01	8	00	6	1	3	Sc	16.2	—	25.0	25	—	19	—	53	0	0	—	150
ALEXANDRIA	02	9	00	0	2	5	Cu	15.5	-1.1	25.5	28	0	20	0	53	0	0	3	132
DAMIETTA	01	8	02	1	1	3	Cu	14.4	—	24.5	26	—	18	—	64	0	0	3	159
PORT SAID	01	8	04	2	1	4	Cu	15.8	+1.2	26.8	29	+1	21	0	59	0	0	1	134
EL 'ARISH	00	7	00	0	0	0	—	13.5	—	21.8	27	—	15	—	66	0	0	2	135
DAMANHUR	01	7	06	2	1	2	Cu	15.5	-0.9	18.2	28	-2	16	0	64	0	0	2	136
MANSURA	00	8	32	1	0	0	—	15.5	—	22.0	28	-3	16	-1	59	0	0	1	137
TANTA	00	7	00	0	0	0	—	15.2	-1.6	23.0	29	-2	14	-2	74	0	0	1	138
ZAGAZIG	00	8	28	1	0	0	—	15.2	—	23.4	29	-1	15	-1	78	0	0	1	139
CAIRO / ALMAZA	05	6	02	2	0	2	Cc	15.5	—	20.0	28	—	15	—	72	0	0	—	141
" / EZBEKIYA	01	8	02	1	1	3	Ac	15.1	-0.7	20.4	29	-1	17	0	76	0	0	1	
" / GIZA	05	6	30	2	1	4	Cc	15.1	-0.6	18.0	29	0	14	-1	84	0	0	1	
HELWAN	05	6	02	1	0	3	Ac	14.8	-1.2	20.9	27	-3	17	-1	66	0	0	0	143
SUEZ	00	8	28	3	0	0	—	14.4	-0.8	21.2	30	-1	17	-3	68	0	0	1	144
FAIYUM	01	7	32	3	0	3	Cu	14.8	-0.6	20.0	30	-1	16	-1	71	0	0	0	153
MINYA	02	6	32	2	2	6	Sc	13.9	-1.9	20.8	28	-1	17	0	75	0	0	—	154
ASYUT	02	7	30	3	1	4	Cc	13.5	-1.3	22.0	31	+1	19	+1	66	0	0	0	155
QENA	00	8	22	3	0	0	—	12.2	-1.3	22.8	35	0	20	+2	66	0	0	—	156
LUXOR	00	9	10	1	0	0	—	11.9	—	25.0	37	—	18	—	63	0	0	—	157
ASWAN	00	7	30	3	0	0	—	10.8	-2.3	25.1	37	0	22	+2	52	0	0	—	158
SIWA	00	8	00	0	0	0	—	17.8	+1.5	22.0	32	0	14	-1	66	0	0	0	143
BAHARIYA	00	9	00	0	0	0	—	—	—	18.5	29	—	15	—	85	0	0	—	149
KHARGA	00	8	32	3	0	0	—	14.7	+0.3	22.7	32	-2	19	+1	54	0	0	0	161
DAKHLA	00	8	02	3	0	0	—	15.1	-0.2	20.2	32	-1	18	+1	74	0	0	—	152
TOR	00	5	32	2	0	—	Ac	11.2	-2.4	24.0	28	-1	17	-1	72	6	0	0	145
HURGHADA	00	9	30	5	0	0	—	11.5	-2.1	25.5	30	0	19	-1	67	0	0	—	146
QUSEIR	00	7	32	3	0	0	—	11.1	-2.3	27.3	29	-2	23	0	63	0	0	0	147
PORT SUDAN	00	—	32	2	4	0	—	10.7	-1.1	31.3	35	+1	27	+3	64	0	0	5	169
WADI HALFA	00	8	30	4	0	0	—	10.5	-2.6	24.2	37	+1	21	+2	39	—	—	—	165
KAREIMA	00	7	04	2	3	0	—	9.1	-1.8	29.2	40	0	25	+2	24	0	0	0	166
'ATBARA	00	—	12	2	0	0	—	8.3	-1.6	31.7	39	0	25	+1	34	0	0	0	167
KHARTUM	00	8	20	3	0	0	—	7.5	-1.5	29.4	42	+2	25	+1	58	0	1	2	168
KASSALA	01	8	14	2	0	3	Ac	8.3	-1.5	27.2	38	0	25	+2	69	0	tr	5	170
WAD MEDANI	00	—	14	3	0	0	—	8.7	-0.7	26.5	38	-1	21	-1	58	0	3	6	171
DUEIM	00	—	—	—	0	0	—	8.3	-1.0	28.4	39	0	24	+2	60	0	9	6	173
RENK																		—	182
ROSEIRES	02	—	14	1	6	4	—	8.8	-1.5	25.8	36	0	20	0	77	18	18	15	172
EL OBEID	01	8	18	1	0	2	Ci	6.8	-4.4	26.5	37	+1	22	+3	47	0	3	9	174
EL FASHER	00	8	24	2	0	1	Ac	—	—	21.5	34	-2	17	-1	44	0	1	4	175
GENEINA	02	8	08	1	1	5	Ac Cu	—	—	21.8	36	—	16	—	43	0	18	—	179
KADUGLI																		—	187
MALAKAL	03	8	12	1	5	7	Ac As	8.0	-3.0	23.6	32	-2	21	0	86	dr	66	39	176
WAU	03	—	12	1	1	7	—	7.6	-2.5	24.5	33	-1	22	+2	91	0	55	61	177
JUBA	01	8	30	2	1	3	Ce	9.5	-1.8	25.3	34	0	24	+4	76	0	20	45	178

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

UPPER WINDS ON 16th — الرياح العليا يوم

SALUM 7 h. m.	MATRUH 7 h. m.	DIKHEILA h. m.	MINYA 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 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	Geneina 6 h. m.	JUBA 7 h. m.	P.SAID 9 h. m.
02.33.20	02.36.20		02.36.20	02.02.25	02.33.20	02.36.25	03.36.25	06.04.55	06.21.25	06.20.25	07.30.10		06.27.25	02.06.20
05.01.20	05.36.20		05.36.20	05.03.20	05.35.30	05.01.25	06.04.40	10.05.45	10.23.15	10.21.20	10.03.05	10.05.40	10.09.15	05.05.15
10.03.20	10.02.20		10.32.25	08.04.25	10.35.30	10.14.05	10.05.35	15.07.30	15.07.10	15.18.10	15.01.20	15.07.55	15.14.25	10.04.30
13.01.20	15.02.15		15.01.10	10.04.25		15.18.25	15.01.15		20.05.30	20.10.10	20.03.15	20.09.60	20.11.25	15.06.15
14.35.20			20.23.10	15.07.15		20.15.10	20.09.20		25.06.30	30.05.25	30.21.35	22.08.85	30.14.20	20 12 10
15.34.20			25.23.05	20.12.00		25.16.10	30.09.10		30.07.25	40.02.20	33.22.10		40.16.20	25 15 10
18.33.20			30.25.05	30.00.00		30.23.10	40.12.15		40.04.20	50.11.15			44.17.20	30 16 10
20.19.30			35.25.10	40.22.15			50.16.10			57.13.15				34 02 05
			40.23.25	50.22.30			57.23.20							
			45.23.20	60.12.50										

Forecast for 24 hours from noon on 16th

Light to moderate winds between north and northeast.
Some low cloud.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٦
رياح بين الخفيف والمعتدلة وبين شمالية وشمالية شرقية
يقل بعض السحاب المنخفضة
ولا تتغير درجة الحرارة إلا قليلا.

STATION	Mean of day: HUMIDITY % on 15th	Diff. from normal	WET BULB TEMP °C on 15th	Diff. from normal
Alexandria	58	-10	18.4	-0.9
Ezbekiya	64	-2	18.7	-0.7
Giza	68	0	18.8	-0.6
Helwan	50	-4	17.3	+0.2

Giza Grass minimum on 16th 6.6°C

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

DATE	1939	1938
16-10	3878	7447
15-10	3970	7627

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	16-10	13.25	-0.45	13.25	-0.47
Naaser	15-10	10.53	0.00	10.53	0.00
Malakal	16-10	12.22	-0.08	12.21	-0.09
Roseires	16-10	16.14	+0.03	16.02	-0.09
Sennar Res.	15-10	17.21	—	17.19	—
J. Aulia U.S	15-10	375.74	—	375.70	—
J. Aulia D.S	15-10	373.10	-1.00	373.17	-0.99
Khartum	16-10	13.03	-1.06	13.06	-1.08
Kh. el Girba	15-10	11.68	-0.10	11.64	-0.19
'Atbara	15-10	12.45	-0.80	12.54	-0.76
Kajnarti	15-10	138.60	-0.90	138.77	-0.80
Aswan Res.	16-10	106.56	—	105.86	
Aswan D.S.	16-10	89.30	-1.38	89.47	-1.29
Roda (Cairc)	15-10	17.44	-1.04	17.53	-0.94

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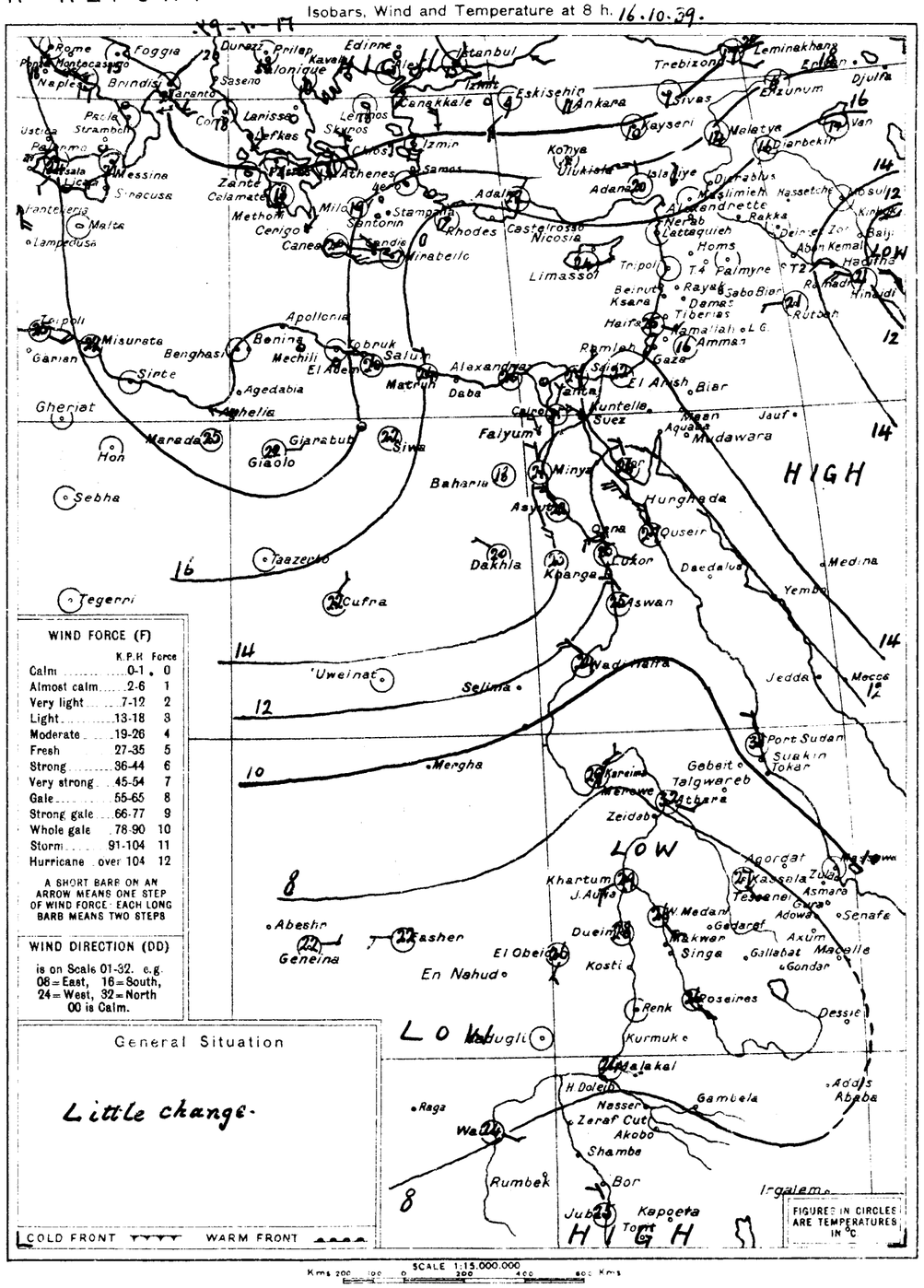
Isobars, Wind and Temperature at 8 h. 16.10.39.



General Situation

Little change.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	29
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	85-86
" of Sleet	85-87
" of Hail	88-89
Thunderstorm	90-99
" ended now Rain	91
" with Hail	94-96
" with Duststorm	96
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

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 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	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
Limassol	00	7	08	1	0	0	—	15.1	0.0	24	—	—	—	—	—	0	0	11
Haifa	00	—	10	3	—	0	—	14.8	+0.9	24.8	28	-1	17	0	54	0	0	8
Corneliss																		
Atbara	00	—	16	2	0	0	—	8.6	-1.0	29.6	41	+2	28	+4	54	0	0	0
Juba	03	8	00	0	1	6	St, Ac	10.4	-1.0	24.6	35	+1	21	+1	84	2	20	42
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 h. 5 m. 58
" " Sunset 17 23

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month OCTOBER 1939 — شهر أكتوبر ١٩٣٩

1417 F.C.

At 14 h. on 16th — الساعة ١٤ يوم ١٦

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ m.b.s. PPP	°C TTT	°C UU	STATION NUMBER
MEDITERRANEAN — SALUM	02	8	06	4	1	4	Cu	16.6	24.0	67	130
MATRUH	02	7	30	2	1	5	Cu	15.9	24.3	82	131
DIKHEILA	01	8	02	2	1	3	Cu	15.6	24.6	61	150
ALEXANDRIA	02	9	04	1	2	4	Cu	15.0	27.6	53	132
DAMIETTA											159
PORT SAID	01	8	04	4	1	2	Cu	13.6	28.8	59	134
EL 'ARISH	01	7	04	3	—	4	Cu	12.2	26.0	75	135
LOWER EGYPT — DAMANHUR											136
MANSURA											137
TANTA	02	7	00	0	1	4	Cu	13.5	29.5	46	138
ZAGAZIG	00	9	02	1	0	1	Cu	13.3	29.9	65	139
MIDDLE EGYPT — CAIRO ALMAZA	00	8	32	4	0	1	Ac	13.5	28.9	48	141
EZBEKIYA	01	8	30	3	0	3	Cc	12.6	24.4	39	
GIZA	01	8	30	3	0	3	Cc	12.8	29.4	38	
HELWAN	01	8	32	4	1	3	Ac	12.4	28.4	31	143
SUEZ	02	9	30	2	1	4	Cu	12.6	27.1	49	144
UPPER EGYPT — FAIYUM	01	8	32	4	0	4	Cu	12.6	29.0	33	153
MINYA	03	7	30	3	2	6	Cu	12.6	26.9	43	154
ASYUT	02	7	22	3	1	4	Cu	11.8	27.7	53	155
QENA	00	8	22	2	0	0	—	9.9	32.9	38	156
LUXOR	00	9	22	1	0	0	—	9.8	34.3	31	157
ASWAN	00	7	02	3	0	0	—	7.9	36.2	28	158
WESTERN DESERT — SIWA	00	8	00	0	0	0	—	17.5	29.0	48	148
BAHARIYA	00	7	32	1	0	0	—	14.4	26.3	54	149
KHARGA	00	8	04	3	0	0	—	12.2	30.1	42	151
DAKHLA	00	8	32	4	0	0	—	13.3	28.8	66	152
RED SEA — TOR	01	7	28	5	1	3	Cu	9.6	27.3	64	145
HURGHADA	00	9	32	4	0	0	.	9.9	29.2	68	146
QUSEIR	00	7	02	2	0	0	—	10.3	28.2	62	147
PORT SUDAN											169
NORTH SUDAN — WADI HALFA											165
KAREIMA											166
'ATBARA											167
KHARTUM											168
KASSALA											170
CENTRAL SUDAN — WAD MEDANI											171
DUEIM											173
RENK											182
ROSEIRES											172
EL OBEID											174
EL FASHER											175
GENEINA											179
KADUGLI											187
S. SUDAN — MALAKAL											176
WAU											177
JUBA											178

At 8 h. on TUESDAY 17th — الساعة ٨ يوم الثلاثاء ١٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	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
SALUM	02	7	34	5	1	5	Cu	17.4	+0.3	22.1	25	—	17	—	69	0	dr	—	130
MATRUH	02	8	04	2	1	4	Cu	16.7	+0.2	24.7	26	0	23	+5	74	0	0	8	131
DIKHEILA	01	8	04	4	1	4	Cu	16.0	—	24.4	27	—	22	—	66	0	0	—	150
ALEXANDRIA	02	9	04	3	2	4	Cu	15.4	-1.3	26.6	29	+1	22	+2	60	0	0	3	132
DAMIETTA	01	8	32	2	1	2	Cu	14.4	—	25.0	27	—	22	—	68	0	0	4	159
PORT SAID	02	8	32	2	1	4	Cu	14.3	-0.44	27.2	30	+2	23	+2	69	0	0	2	134
EL 'ARISH	02	7	00	0	1	4	Cu	13.5	—	25.0	28	—	20	—	80	0	0	2	135
DAMANHUR	01	7	28	3	1	2	Cu	15.5	-1.0	23.6	29	-1	17	+1	77	0	0	3	136
MANSURA	00	8	32	2	1	0	—	14.8	—	23.6	29	-2	19	+2	73	0	0	2	137
TANTA	00	7	02	2	0	0	—	15.1	-1.8	24.0	30	-1	16	0	75	0	0	2	138
ZAGAZIG	01	8	02	1	0	3	Cu	15.1	—	24.8	30	0	17	+1	83	0	0	1	139
CAIRO ALMAZA	01	7	04	1	0	2	Sc	15.2	—	22.8	29	—	17	—	75	0	0	—	141
EZBEKIYA	01	6	32	1	1	3	Sc	14.8	-1.0	22.0	31	+1	18	+1	79	0	0	1	
GIZA	02	6	30	1	1	4	Ac	14.9	-1.0	20.7	29	0	15	0	83	0	0	2	
HELWAN	05	6	30	1	0	2	Sc	14.2	-1.9	21.5	29	0	19	+1	77	0	0	1	143
SUEZ	01	8	30	1	1	2	Cu	14.0	-1.2	22.3	29	-1	19	-1	69	0	0	1	144
FAIYUM	00	7	32	3	0	0	—	14.4	-1.1	22.0	30	0	17	0	72	0	0	0	153
MINYA	00	7	32	3	0	0	—	15.4	-0.5	21.0	28	-1	18	+1	81	0	0	—	154
ASYUT	00	7	30	3	0	0	—	13.9	-1.0	21.0	28	-2	18	0	74	0	0	0	155
QENA	00	8	22	3	0	0	—	12.3	-1.4	23.3	35	0	20	+2	65	0	0	—	156
LUXOR	00	9	08	1	0	0	—	12.4	—	27.2	37	—	17	—	54	0	0	—	157
ASWAN	00	7	32	4	0	0	—	11.2	-2.0	25.7	38	+2	23	+3	53	0	0	—	158
SIWA	00	8	00	0	0	0	—	17.8	+1.4	22.9	30	-2	14	-1	96	0	0	0	148
BAHARIYA	00	9	32	1	0	0	—	16.3	—	19.8	28	—	17	—	85	0	0	—	149
KHARGA	00	8	00	0	0	0	—	13.6	-0.9	22.5	31	-3	15	-3	53	0	0	0	151
DAKHLA	00	7	28	1	0	0	—	16.0	+0.6	20.4	30	-3	16	-1	69	0	0	—	152
TOR	00	6	32	2	0	0	—	11.5	-2.1	23.3	28	-1	17	-1	57	0	0	0	145
HURGHADA	00	9	30	5	0	0	—	11.2	-2.5	25.4	30	0	21	+2	77	0	0	—	146
QUSEIR	00	7	32	3	0	0	—	11.4	-2.1	27.3	29	-2	24	+1	48	0	0	0	147
PORT SUDAN	30	—	32	2	3	9	—	11.4	-0.5	31.7	36	+2	26	+2	68	0	0	5	169
WADI HALFA	00	8	32	3	0	0	—	11.5	-1.7	24.4	38	+2	20	+1	39	—	—	—	165
KAREIMA	00	8	06	3	0	0	—	9.5	-1.5	28.8	41	+1	24	+1	19	0	0	1	166
'ATBARA	00	—	10	2	0	0	—	8.2	-1.7	30.8	40	+1	25	+2	43	0	0	1	167
KHARTUM	01	8	16	3	8	2	Ac	6.2	-2.8	32.3	41	+1	28	+4	43	dr	1	5	168
KASSALA	00	8	14	2	0	0	—	7.0	-2.8	30.0	38	0	27	+4	56	0	dr	6	170
WAD MEDANI	00	—	20	3	0	0	—	6.8	-2.6	31.0	37	-2	25	+3	42	0	3	6	171
DUEIM	00	—	—	—	0	0	—	7.9	-1.4	30.8	39	0	24	+2	52	0	9	6	173
RENK																			182
ROSEIRES	50	—	14	1	6	8	—	—	—	21.2	36	0	21	+1	97	30	48	16	172
EL OBEID	00	8	28	1	0	0	—	6.7	-4.5	26.9	38	+2	22	+3	37	0	3	10	174
EL FASHER	01	8	30	1	1	4	Cc	—	—	22.6	37	+1	16	-2	33	0	1	4	175
GENEINA	02	8	12	1	1	5	Ac	—	—	21.2	36	—	16	—	49	0	18	—	179
KADUGLI																			187
MALAKAL	03	8	16	1	1	7	Ac	8.3	-2.7	25.0	34	0	22	+1	90	0	66	41	176
WAU	02	—	16	1	1	4	—	8.1	-2.0	24.5	34	0	21	+1	83	0	55	66	177
JUBA																		49	178

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

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	GENEINA	PSAID
7 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.	5 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	9 h. m.
02.05.30	02.01.15		02.03.35	02.02.25	02.34.25	02.01.55	03.36.25	06.04.50	06.25.10	06.18.15	07.35.15	06.31.05	10 04 40	02.36.30
05.04.60	05.03.10		05.04.30	05.05.25	05.35.25	05.03.30	07.03.35	10.03.45	10.25.20	10.18.15	10.01.25	10.28.05	15 07 60	05.01.25
10.05.30	10.03.25		10.06.30	08.05.35	10.32.35	10.05.25	10.02.30	15.02.30	15.25.25	15.10.25	15.03.20	15.06.05	20 08 40	07.01.20
15.05.15			15.06.20	10.06.35	15.19.05	15.11.20	15.05.30	20.02.15	20.24.15	20.08.15	20.04.20	20.07.20	30 11 35	
20.04.30			20.06.05	15.06.20	20.25.05	20.14.15	20.07.25	30.07.15	25.21.10	30.03.30	30.03.15	30.05.15	40 16 25	
22.03.35			THIL	20.14.05	25.18.20	25.15.25	25.07.10	35.09.10	30.17.10	40.35.35	40.07.15	40.05.20	44 19 25	
Ent. Cu.				25.08.05	30.22.30		30.08.10		37.15.15	50.24.35	50.14.10	44.07.25		
				30.23.05			40.15.10			57.23.35	59.13.20			
				35.33.05			50.30.15							
				40.34.10			60.27.30							

Forecast for 24 hours from noon on 17th

Moderate winds chiefly north to northeast.
Much low cloud at times.
Little change in temperature.
Possibility of thunderstorm in Eastern Egypt.

تغيرات الطقس المتطرفة في ٢٤ ساعة من ظهر يوم ١٧

رياح معتدلة أغلبها شمالية وشمالية شرقية
تكثر السحب المنخفضة في بعض الأوقات
ولا تتغير درجة الحرارة إلا قليلا
ويحتمل أن تحصل عاصفة رعد في شرقي مصر.

STATION	Mean of day HUMIDITY % on	Diff. from normal	Mean of day WET BULB TEMP °C on	Diff. from normal
	16th		16th	
Alexandria	59	-9	19.6	+0.4
Ezbekiya	64	-2	19.0	-0.3
Giza	68	0	18.7	-0.6
Helwan	56	+2	17.8	+0.8

Giza Grass minimum on 17th 7.8

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

DATE	1939	1938
17.10	3685	7289
16.10	3878	7447

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	16-10	13.25	-0.45	13.25	-0.47
Nasser	16-10	10.54	0.00	10.53	0.00
Malakal	17-10	12.22	-0.08	12.22	-0.08
Roseires	17-10	16.14	+0.12	16.14	+0.03
Sennar Res	17-10	17.19	—	17.21	—
J. Aulia U.S	16-10	375.75	—	375.74	—
J. Aulia D.S	16-10	373.01	-1.04	373.10	-1.00
Khartum	16-10	13.03	-1.06	13.06	-1.08
Kh. el Girba	16-10	11.66	-0.07	11.68	-0.10
'Atbara	16-10	12.37	-0.83	12.45	-0.80
Kajnarti	16-10	138.45	-0.90	138.60	-0.90
Aswan Res.	17-10	107.23	—	106.56	—
Aswan D.S.	17-10	89.13	-1.47	89.30	-1.38
Roda (Cairo)	16-10	17.37	-1.13	17.44	-1.04

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

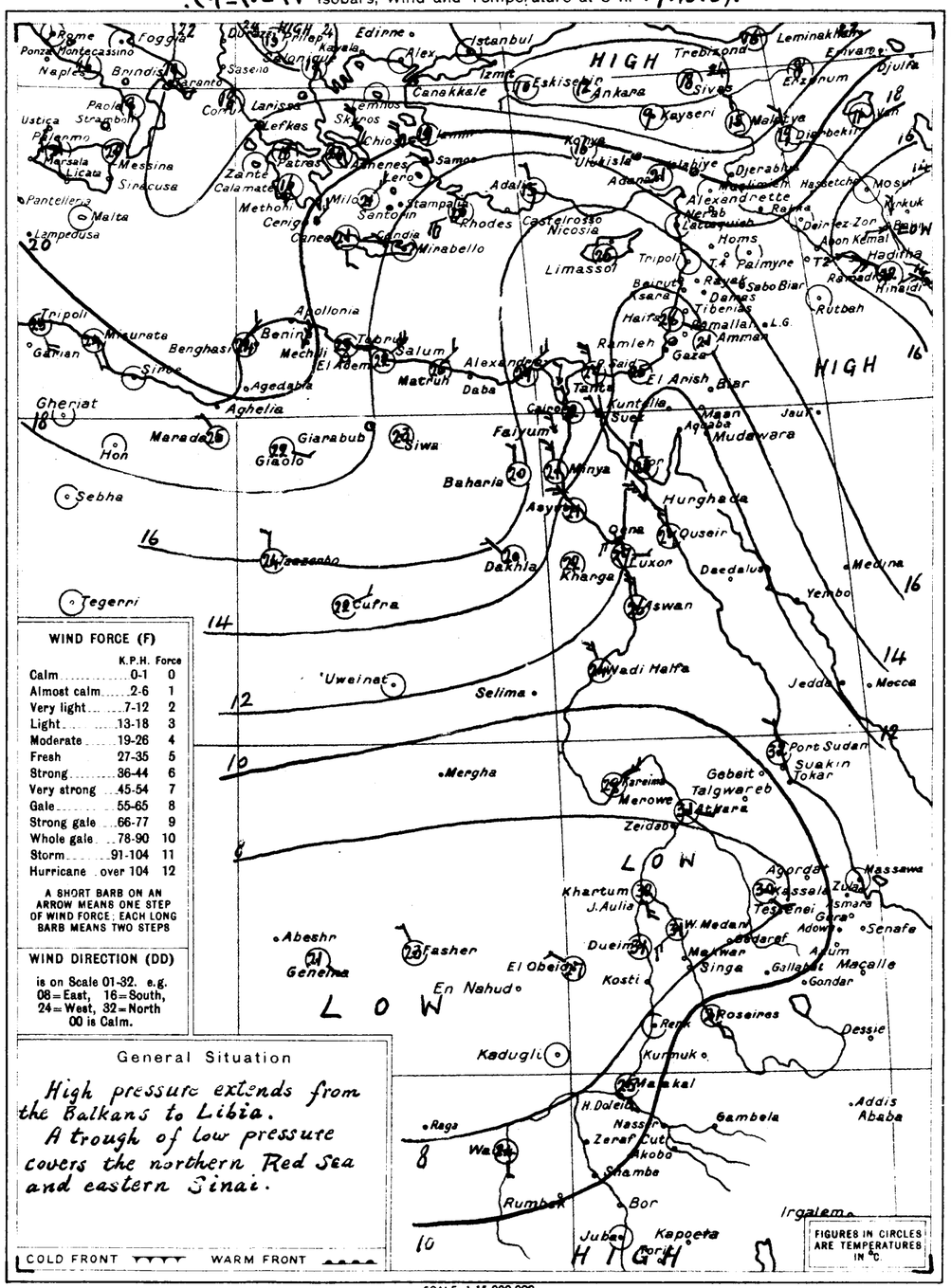
At 8 h. on 17.10.39. — الساعة ٨ يوم ١٧-١٠-٣٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	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	00	7	00	0	0	0	—	14.4	-0.7	25	—	—	17	—	—	0	0	12
Haifa	00	—	10	2	—	0	—	13.9	0.0	25.8	28	-1	17	0	30	0	0	9
SHIPS سفن																		

Remarks
Wadi Halfa Upper Wind Continued:-

70.	25.	45
80.	25	70
90.	24.	65
100.	24.	70
110.	24.	80
120.	26.	60
126.	27.	75

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 5 m 59 — " " Sunset 17 22

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

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

At 14 h. on 17th الساعة ١٤ يوم 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+ m.b.s. PPP	°C TEMP. TTT	% HUMIDITY U	STATION NUMBER
MEDITERRANEAN — SALUM	02	8	02	4	1	4	Cu	17.0	24.2	62	130
MATRUH	00	8	32	2	0	0	—	15.6	25.8	72	131
DIKHEILA	01	8	02	3	1	3	Cu	16.0	25.3	66	150
ALEXANDRIA	02	9	04	2	2	4	Cu	14.8	27.3	56	132
DAMIETTA											159
PORT SAÍD	02	8	04	5	2	5	Cb	13.5	30.0	62	134
EL 'ARISH	00	7	30	1	0	0	—	11.2	28.0	70	135
MIDDLE EGYPT — DAMANHUR											136
MANSURA											137
TANTA	02	7	04	3	1	5	Cu	13.6	30.0	47	138
ZAGAZIG	01	9	02	1	0	3	Cu	13.6	29.9	68	139
CAIRO — ALMAZA	01	8	04	4	1	4	Cu	13.6	29.6	56	141
EZBEKIYA	02	8	32	3	1	4	Cu	12.6	28.9	47	
GIZA	02	8	32	3	1	4	Cu	12.7	30.0	47	
HELWAN	01	7	32	3	1	4	Cu	11.9	30.0	36	143
SUEZ	01	9	32	2	1	3	Cu	12.3	29.9	48	144
UPPER EGYPT — FAIYUM	00	8	32	3	0	0	—	12.0	29.5	46	153
MINYA	00	8	28	4	1	0	—	11.9	28.4	45	154
ASYUT	00	7	26	3	0	0	—	11.6	28.0	57	155
QENA	00	8	26	2	0	0	—	10.4	32.9	37	156
LUXOR	00	9	24	1	0	0	—	9.9	35.2	31	157
ASWAN	00	7	28	3	0	0	—	7.6	36.3	31	158
WESTERN DESERT — SIWA	00	8	00	0	0	0	—	18.0	28.2	46	148
BAHARIYA	00	9	32	1	0	0	—	14.6	27.2	58	149
KHARGA	00	8	04	3	0	0	—	11.0	30.5	39	151
DAKHLA	00	8	32	3	0	0	—	13.1	29.0	50	152
RED SEA — TOR	00	7	28	5	0	1	Cu	10.0	28.0	70	145
HURGHADA	00	9	02	3	0	0	—	9.9	29.5	73	146
QUSEIR	00	7	02	2	0	1	Ci	10.6	29.0	64	147
PORT SUDAN											169
NORTH SUDAN — WADI HALFA											165
KAREIMA											166
'ATBARA											167
KHARTUM											168
KASSALA											170
CENTRAL SUDAN — WAD MEDANI											171
DUEIM											173
RENK											182
ROSEIRES											172
EL OBEID											174
EL FASHER											175
GENEINA											179
KADUGLI											187
S. SUDAN — MALAKAL											176
WAU											177
JUBA											178

At 8 h. on WEDNESDAY 18th الساعة ٨ يوم الاربعاء 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+ m.b.s. PPP	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY U	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN — SALUM	02	7	30	3	1	4	Cu	17.9	+0.7	19.2	25	—	16	—	83	0	tr	—	130
MATRUH	02	7	32	2	1	4	Cu	16.2	-0.3	24.7	26	0	23	+5	83	0	0	8	131
DIKHEILA	00	8	32	3	0	1	Cu	15.8	—	24.8	25	—	24	—	76	0	0	—	150
ALEXANDRIA	00	9	04	2	0	0	—	15.1	-1.7	25.8	29	+1	23	+3	70	0	0	3	132
DAMIETTA	01	8	04	2	1	2	Ac	14.0	—	25.6	26	—	22	—	79	0	0	4	159
PORT SAÍD	01	8	04	2	0	3	Cu	13.8	-0.9	29.2	30	+2	23	+2	71	0	0	2	134
EL 'ARISH	00	7	00	0	0	0	—	13.1	—	24.5	30	—	19	—	81	0	0	2	135
DAMANHUR	00	7	32	2	0	0	—	15.1	-1.5	24.0	29	-1	19	+3	82	0	0	3	136
MANSURA	00	8	32	1	0	0	—	14.2		23.6	30	-1	20	+3	78	0	0	2	137
TANTA	00	7	00	0	0	0	—	14.7	-2.3	24.0	31	+1	17	+1	83	0	0	2	138
ZAGAZIG	00	9	32	1	0	0	—	14.7	—	25.4	30	0	18	+2	85	0	0	1	139
CAIRO — ALMAZA	05	6	00	0	1	5	Sc	14.6	—	22.1	30	—	—	—	83	0	0	—	141
EZBEKIYA	02	8	28	1	1	5	Sc	14.8	-1.1	23.7	32	+2	19	+2	83	0	0	1	—
GIZA	09	5	28	1	1	5	Sc	14.8	-1.0	21.7	31	+2	17	+2	85	0	0	2	
HELWAN	05	6	32	3	0	4	Cu	13.6	-2.6	23.1	30	+1	20	+2	80	0	0	1	143
SUEZ	02	7	02	2	1	4	Cu	14.2	-1.1	22.6	31	+1	21	+2	93	0	0	1	144
FAIYUM	03	7	32	3	0	6	Cu	14.6	-1.0	21.8	32	+2	19	+3	81	0	0	0	153
MINYA	03	5	32	3	2	8	Ac	13.9	-2.1	21.0	30	+1	19	+2	90	0	0	—	154
ASYUT	00	7	22	3	0	0	—	13.5	-1.5	21.5	30	0	22	+5	78	0	0	0	155
QENA	00	8	26	2	0	0	—	12.0	-1.8	24.2	35	+1	20	+2	71	0	0	—	156
LUXOR	00	9	02	1	0	0	—	12.3	—	27.0	37	—	17	—	57	0	0	—	157
ASWAN	00	7	32	3	0	0	—	11.0	-2.3	25.9	37	+1	23	+3	55	0	0	—	158
SIWA	00	8	00	0	0	0	—	17.4	+0.9	20.0	30	-1	17	+2	72	0	0	0	148
BAHARIYA	00	9	00	0	0	0	—	16.7	—	20.2	29	—	17	—	89	0	0	—	149
KHARGA	00	8	00	0	0	0	—	12.8	-1.7	22.2	31	-3	17	-1	53	0	0	0	151
DAKHLA	00	7	28	2	0	0	—	15.6	0.0	19.8	30	-3	17	0	65	0	0	—	152
TOR	00	5	32	2	0	0	—	11.1	-2.6	24.5	29	0	18	0	64	0	0	0	145
HURGHADA	00	9	02	3	0	0	—	9.9		29.5					73		0	—	146
QUSEIR	00	7	30	2	0	0	—	11.5	-2.1	28.3	29	-2	24	+1	55	0	0	0	147
PORT SUDAN																		5	169
WADI HALFA	00	8	02	4	0	0	—	11.1	-2.2	25.4	37	+1	22	+3	34	—	—	—	165
KAREIMA	00	7	04	1	0	0	—	8.4	-2.7	29.6	41	+1	26	+3	25	0	0	1	166
'ATBARA	00	—	12	2	0	0	—	8.4	-1.6	32.0	39	0	26	+3	39	0	0	1	167
KHARTUM	01	8	18	3	1	4	Sc	7.8	-1.3	30.5	38	-2	26	+2	53	dr	1	3	168
KASSALA	00	8	14	2	0	0	—	8.5	-1.3	27.6	39	+1	24	+1	63	0	dr	6	170
WAD MEDANI	02	—	14	2	0	4	—	9.5	+0.1	27.2	36	-3	22	0	63	0	3	7	171
DUEIM	00	—	—	—	0	0	—	8.8	-0.5	27.8	36	-3	25	+3	62	0	9	7	173
RENK																			182
ROSEIRES	02	—	14	1	1	4	—	9.1	-1.1	26.7	36	0	20	0	71	20	68	17	172
EL OBEID	02	8	24	1	1	5	Ac	7.8	-3.5	26.1	38	+2	22	+3	62	0	3	10	174
EL FASHER	01	8	10	1	1	4	Ac	—	—	23.8	37	+1	16	-2	34	0	1	5	175
GENEINA	02	8	08	1	1	5	Ac,Cu	—	—	21.0	37	—	15	—	34	0	18	—	179
KADUGLI																			187
MALAKAL	03	8	32	2	1	7	Ac,Cu	8.6	-2.3	23.6	32	-2	22	+1	—	2	68	44	176
WAU	03	—	24	1	6	7	—	6.8	-3.2	24.7	34	0	22	+2	86	1	58	40	177
JUBA																		52	178

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

UPPER WINDS ON 18th الرياح العليا يوم ١٨

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	GENEINA	EL FASHER
7 h. m.	7 h. m.	h. m.	h. m.	8 h. 30 m.	7 h. m.	7 h. m.	6 h. m.	6 h. m.	7 h. m.	7 h. m.	4 h. m.	3 h. m.	6 h. m.	6 h. m.
02 34 20	02 20			02 02 15	02 32 20	02 01 20	03 01 25	06 07 35	06 22 20	06 22 20	07 25 20	06 12 15	10 05 45	09 03 25
05 03 25	05 01 20			05 04 15	05 33 20	05 06 30	06 03 35	10 07 35	10 20 15	10 20 15	10 14 15	10 15 20	15 09 55	10 04 35
10 04 15	10 02 20			08 07 10	15 14 05	10 11 20	10 04 35	15 04 45	15 02 05	15 21 05	15 10 15	15 15 25	20 08 45	15 06 30
15 04 20	13 03 20			10 06 10	20 15 10	15 14 05	15 04 25	20 05 25	20 05 15	20 24 05	20 05 20	20 07 15	30 09 35	20 07 25
20 04 25				ENT. CU.	28 18 20	20 17 05	20 07 15	25 35 10	25 08 25	30 07 15	30 04 35	30 01 25	34 08 45	30 12 10
25 07 20						25 13 10	23 07 15	30 36 20	30 09 25	40 06 20	37 01 35	40 09 10		40 12 20
27 09 15						30 14 15		40 22 05	40 13 25	50 15 15		43 12 15		50 16 05
								50 11 05	50 12 10	57 14 15				51 16 05
								60 21 10	60 35 10					
								70 23 20	70 21 10					

Forecast for 24 hours from noon on 18th

Light to moderate northeasterly winds.
Some low cloud.
Slightly warmer, temperature above normal.

تغيرات الطقس المتوقعة فى ٢٤ ساعة من ظهر يوم ١٨
رياح شمالية شرقية بين الخفيفة والمعتدلة
يظهر بعض السحاب المتخفض
ترتفع درجة الحرارة قليلا وتكون فوق المعدل.

STATION	Mean of day HUMIDITY % on 17th	Diff. from normal	Mean of day WET BULB TEMP °C on 17th	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Alexandria	64	-4	20.9	+1.7		
Ezbekiya	68	+2	20.9	+1.7		
Giza	69	+1	20.4	+1.2		
Helwân	60	+6	19.3	+2.3		
Giza Grass minimum on 18th					10.1°C	

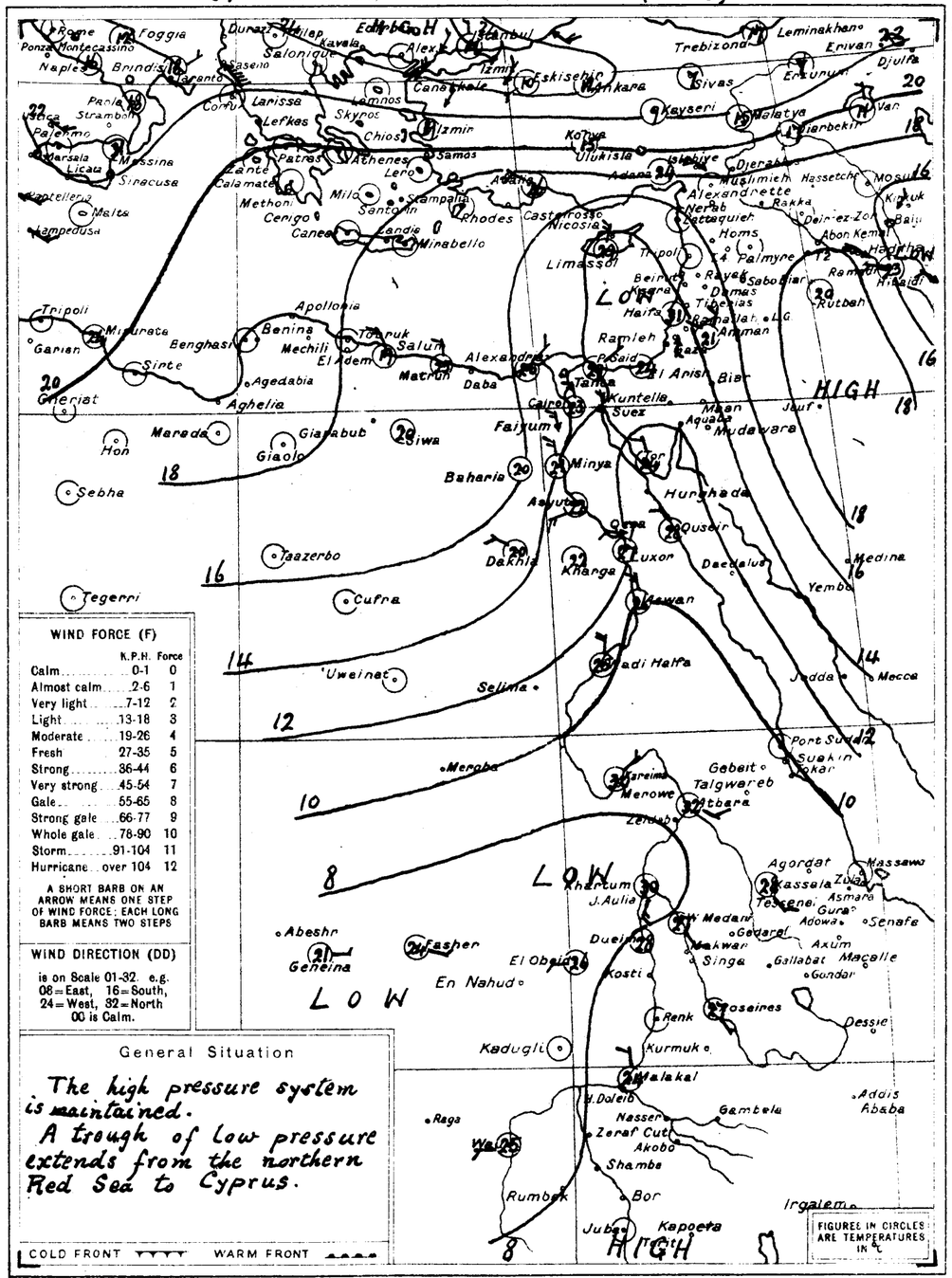
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
18-10	3503	7035
17-10	3685	7289

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17.10	13.18	-0.51	13.25	-0.45
Nasser	17.10	10.54	0.00	10.54	0.00
Malakâl	18-10	12.22	-0.08	12.22	-0.08
Roseires	18-10	16.35	+0.43	16.14	+0.12
Sennâr Res	17.10	17.19	—	17.21	—
J. Aulia U.S	17.10	375.75	—	375.75	—
J. Aulia D.S	17.10	373.00	+1.00	373.01	-1.04
Khartûm	18-10	13.06	-0.90	13.04	-0.98
Kh. el Girba	17.10	11.64	-0.44	11.66	-0.07
'Atbara	18-10	12.27	-0.79	12.30	-0.88
Kajnarti	17.10	138.27	-0.98	138.45	-0.90
Aswân Res.	18-10	107.96	—	107.23	—
Aswân D.S.	18-10	88.93	-1.59	89.13	-1.47
Roda (Cairo)	18-10	17.26	-1.32	17.39	-1.24

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

Isobars, Wind and Temperature at 8 h. ٢٩-١٠-١٨ 18.10.39.



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 is maintained.
A trough of low pressure extends from the northern Red Sea to Cyprus.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY U	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
Limassol	00	7	02	3	0	0	—	13.0	-2.2	29	—	—	—	—		0	0	13
Haifa	02	—	10	2	—	4	—	13.6	-0.4	31.4	33	+5	21	+4	17	0	0	9
SHIPS سفن																		

Remarks

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

PRESENT WEATHER (w w)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squalls	13
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
,, of Snow	82-84
,, of Sleet	85-86
,, of Hail	88-89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 54
" " Sunset 17 21

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month OCTOBER 1939 — شهر أكتوبر ١٩٣٩

29-10-39 Isobars, Wind and Temperature at 8 h. 19-10-39.

1417 F.C.

At 14 h. on 18th — الساعة ١٤ يوم ١٨

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS. M.S.L. 1000+ m.b.s.	TEMP. °C	HUMIDITY %	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	U	
SALUM	01	8	02	5	1	3	Cu	16.3	24.1	69	130
MATRUH	00	7	32	4	0	0	—	14.8	25.8	85	131
DIKHEILA	00	8	22	3	0	1	Cu	13.8	26.0	78	150
ALEXANDRIA	00	9	04	3	0	0	—	13.3	27.8	66	132
DAMIETTA											159
PORT SAID	00	8	04	2	0	0	—	12.4	29.0	69	134
EL 'ARISH	00	7	32	2	0	0	—	11.5	27.5	86	135
DAMANHUR											136
MANSURA											137
TANTA	00	7	00	0	0	0	—	11.9	32.0	49	138
ZAGAZIG	00	8	30	1	0	0	—	11.9	32.2	65	139
CAIRO ALMAZA	00	8	32	3	0	0	—	12.6	30.6	54	141
CAIRO EZBEKIYA	00	8	00	0	0	0	—	11.5	31.4	49	
CAIRO GIZA	00	8	00	0	0	0	—	11.4	31.2	43	
HELWAN	00	8	32	2	0	0	—	11.4	31.1	57	143
SUEZ	00	7	32	2	0	0	—	11.5	30.2	56	144
FAIYUM	00	8	32	3	0	0	—	11.2	31.0	45	153
MINYA	00	7	32	2	1	0	—	11.6	29.2	51	154
ASYUT	00	7	22	3	0	0	—	11.4	29.1	57	155
QENA	00	8	24	2	0	0	—	9.5	32.7	43	156
LUXOR	00	9	27	1	0	0	—	9.1	36.0	37	157
ASWAN	00	7	30	1	0	0	—	6.6	37.8	31	158
SIWA	00	8	00	0	0	0	—	15.4	29.9	40	148
BAHARIYA	00	9	30	4	0	0	—	14.2	27.1	56	149
KHARGA	00	8	04	3	0	0	—	12.8	31.4	36	151
DAKHLA	00	8	32	4	0	0	—	12.3	30.0	47	152
TOR	00	6	26	3	0	1	Cu	9.9	27.9	75	145
HURGHADA	00	9	32	4	0	0	—	10.0	30.2	74	146
QUSEIR	00	7	02	2	0	1	Cu	10.4	29.0	71	147
PORT SUDAN											169
WADI HALFA											165
KAREIMA											166
'ATBARA											167
KHARTUM											168
KASSALA											170
WAD MEDANI											171
DUEIM											173
RENK											182
ROSEIRES											172
EL OBEID											174
EL FASHER											175
GENEINA											179
KADUGLI											187
MALAKAL											176
WAU											177
JUBA											178

At 14 h. on 18th

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS. M.S.L. 1000+ m.b.s.	TEMP. °C	HUMIDITY %	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL 3 Normal from Oct 1 mms.	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	U				
SALUM	01	8	02	5	1	3	Cu	16.3	24.1	69	0	tr	—	130
MATRUH	00	7	32	4	0	0	—	14.8	25.8	85	0	0	7	131
DIKHEILA	00	8	22	3	0	1	Cu	13.8	26.0	78	0	0	—	150
ALEXANDRIA	00	9	04	3	0	0	—	13.3	27.8	66	0	0	3	132
DAMIETTA														
PORT SAID	00	8	04	2	0	0	—	12.4	29.0	69	0	0	2	134
EL 'ARISH	00	7	32	2	0	0	—	11.5	27.5	86	0	0	2	135
DAMANHUR														
MANSURA														
TANTA	00	7	00	0	0	0	—	11.9	32.0	49	0	0	2	138
ZAGAZIG	00	8	30	1	0	0	—	11.9	32.2	65	0	0	1	139
CAIRO ALMAZA	00	8	32	3	0	0	—	12.6	30.6	54	0	0	—	141
CAIRO EZBEKIYA	00	8	00	0	0	0	—	11.5	31.4	49	0	0	1	
CAIRO GIZA	00	8	00	0	0	0	—	11.4	31.2	43	0	0	2	
HELWAN	00	8	32	2	0	0	—	11.4	31.1	57	0	0	1	143
SUEZ	00	7	32	2	0	0	—	11.5	30.2	56	0	0	1	144
FAIYUM	00	8	32	3	0	0	—	11.2	31.0	45	0	0	0	153
MINYA	00	7	32	2	1	0	—	11.6	29.2	51	0	0	—	154
ASYUT	00	7	22	3	0	0	—	11.4	29.1	57	0	0	0	155
QENA	00	8	24	2	0	0	—	9.5	32.7	43	0	0	—	156
LUXOR	00	9	27	1	0	0	—	9.1	36.0	37	0	0	—	157
ASWAN	00	7	30	1	0	0	—	6.6	37.8	31	0	0	—	158
SIWA	00	8	00	0	0	0	—	15.4	29.9	40	0	0	0	148
BAHARIYA	00	9	30	4	0	0	—	14.2	27.1	56	0	0	—	149
KHARGA	00	8	04	3	0	0	—	12.8	31.4	36	0	0	0	151
DAKHLA	00	8	32	4	0	0	—	12.3	30.0	47	0	0	—	152
TOR	00	6	26	3	0	1	Cu	9.9	27.9	75	0	0	0	145
HURGHADA	00	9	32	4	0	0	—	10.0	30.2	74	0	0	—	146
QUSEIR	00	7	02	2	0	1	Cu	10.4	29.0	71	0	0	—	147
PORT SUDAN											0	0	6	169
WADI HALFA											—	—	—	165
KAREIMA											0	0	1	166
'ATBARA											0	0	1	167
KHARTUM											dr	1	3	168
KASSALA											0	dr	6	170
WAD MEDANI											21	24	7	171
DUEIM											tr	9	7	173
RENK													—	182
ROSEIRES											0	68	18	172
EL OBEID											0	3	11	174
EL FASHER											0	1	5	175
GENEINA											0	18	—	179
KADUGLI													—	187
MALAKAL											dr	68	46	176
WAU											0	56	74	177
JUBA													55	178

At 8 h. on THURSDAY 19th — الساعة ٨ يوم الخميس ١٩

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESSURE M.S.L. 1000+ m.b.s.	BAR PRESSURE Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	HUMIDITY %	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL 3 Normal from Oct 1 mms.	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP		TTT	MM				U				
SALUM	01	7	32	4	0	3	Cu	15.9	-1.4	21.2	25	—	18	—	81	0	tr	—	130
MATRUH	00	8	32	2	0	1	Cu	15.5	-1.1	25.3	26	0	24	+7	84	0	0	7	131
DIKHEILA	02	7	06	2	1	4	Sc	14.0	—	25.3	26	—	24	—	75	0	0	—	150
ALEXANDRIA	02	9	06	1	2	4	Cu	13.4	-3.4	27.0	29	+1	23	+3	68	0	0	3	132
DAMIETTA	00	8	32	2	0	0	—	12.7	—	25.8	28	—	21	—	84	0	0	4	159
PORT SAID	00	8	04	2	1	1	Cu	12.6	-2.2	28.2	31	+3	23	+3	79	0	0	2	134
EL 'ARISH	01	6	00	0	1	4	Cu	12.2	—	25.0	30	—	18	—	80	0	0	2	135
DAMANHUR	42	7	04	2	4	0	—	13.6	-3.1	23.6	31	+1	19	+3	93	0	0	3	136
MANSURA	01	8	16	1	1	3	Sc	12.7	—	23.0	32	+2	19	+2	89	0	0	2	137
TANTA	03	6	00	0	2	8	St	13.2	-3.3	22.5	33	+3	18	+2	95	0	0	2	138
ZAGAZIG	08	3	30	1	4	9	—	13.8	—	21.9	33	+3	19	+3	87	0	0	1	139
CAIRO ALMAZA	40	1	32	1	4	9	St	13.5	—	21.5	31	—	20	—	96	0	0	—	141
CAIRO EZBEKIYA	03	4	00	0	2	6	St	13.3	-2.7	23.5	33	+4	21	+4	83	0	0	1	
CAIRO GIZA	02	7	28	2	2	5	St	12.8	-3.1	23.0	32	+3	20	+5	87	0	0	2	
HELWAN	03	5	28	1	2	5	Sc	13.1	-3.2	21.4	32	+3	20	+2	89	0	0	1	143
SUEZ	00	7	28	2	0	0	—	12.3	-3.0	24.6	32	+2	20	+1	79	0	0	1	144
FAIYUM	01	7	32	3	0	3	Cu	13.1	-2.5	23.4	34	+4	20	+4	80	0	0	0	153
MINYA	03	5	32	2	2	2	As	13.3	-2.8	21.4	30	+1	19	+2	90	0	0	—	154
ASYUT	00	6	22	3	0	0	—	12.2	-2.8	23.2	30	0	19	+2	73	0	0	0	155
QENA	00	8	24	2	0	0	—	11.0	-2.9	24.3	35	+1	21	+3	73	0	0	—	156
LUXOR	00	9	08	1	0	0	—	11.1	—	28.2	38	—	19	—	61	0	0	—	157
ASWAN	00	7	02	2	0	0	—	10.7	-2.7	26.8	39	+3	24	+4	47	0	0	—	158
SIWA	02	8	00	0	0	5	Sc	17.9	+1.4	21.0	31	0	15	0	82	0	0	0	148
BAHARIYA	00	9	32	1	0	0	—	14.8	—	20.4	29	—	19	—	97	0	0	—	149
KHARGA	00	8	30	1	0	0	—	12.6	-2.0	23.4	32	-2	18	0	49	0	0	0	151
DAKHLA	00	7	26	3	0	0	—	14.3	-1.4	20.0	31	-2	17	0	62	0	0	—	152
TOR	01	5	32	2	0	3	Cu?	10.8	-3.0	25.0	29	+1	18	0	69	0	0	0	145
HURGHADA	00	9	30	3	0	0	—	10.7	-3.2	27.7	31	+1	20	+1	59	0	0	0	146
QUSEIR	00	7	30	1	0	0	—	10.8	-2.9	30.4	30	0	24	+1	67	0	0	0	147
PORT SUDAN	40	—	32	2	2	9	—	9.8	-2.2	32.2	38	+5	27	+3	62	0	0	6	169
WADI HALFA	01	8	30	3	0	2	Ac	9.8	-3.6	26.3	38	+2	23	+4	36	—	—	—	165
KAREIMA	01	8	04	3	0	4	Ac	9.1	-2.1	29.5	41	+1	26	+4	34	0	0	1	166
'ATBARA	00	—	08	2	0	0	—	8.2	-1.9	32.8	40	+1	27	+4	40	0	0	1	167
KHARTUM	03	8	16	3	8	6	Ac/As	7.6	-1.5	28.7	40	0	26	+3	38	dr	1	3	168
KASSALA	01	8	14	2	1	4	Ac	8.2	-1.6	27.4	38	0	24	+1	69	0	dr	6	170
WAD MEDANI	02	—	06	2	5	4	—	8.6	-0.8	27.4	38	-1	22	0	65	21	24	7	171
DUEIM	03	—	—	—	2	7	—	8.8	-0.5	29.0	37	-2	26	+4	59	tr	9	7	173
RENK																		—	182
ROSEIRES	02	—	10	1	4	4	—	8.3	-1.9	27.0	36	0	22	+2	70	0	68	18	172
EL OBEID	01	8	32	3	1	4	Sc	6.8	-4.5	29.4	39	0	24	+5	52	0	3	11	174
EL FASHER	01	8	00	0	1	4	Cu	—	—	22.4	37	+1	17	0	51	0	1	5	175
GENEINA	02	8	04	5	1	5	Ac	—	—	25.0	37	—	18	—	28	0	18	—	179
KADUGLI																		—	187
MALAKAL	21	8	22	4	2	8	St	10.7	+0.2	21.7	34	0	21	0	91	dr	68	46	176
WAU	03	—	20	2	1	7	—	7.6	-2.4	24.5	33	-1	22	+2	80	0	56	74	177
JUBA																		55	178

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

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

SALUM	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	EL FASHER	GENEINA	PORT SAID
7 h. m.	7 h. m.	h. m.	h. m.	1 h. m.	7 h. m.	7 h. m.	4 h. m.	5 h. m.	7 h. m.	7 h. m.	6 h. m.	6 h. m.	6 h. m.	9 h. m.
02.02.25	02.01.20			02.34.15	02.31.20	02.01.25	03.01.25	06.06.40	06.19.15	06.18.15	07.02.10	07.03.15	10.04.55	02.04.10
05.03.15	05.03.25			05.02.25	05.35.25	05.05.20	06.05.35	10.05.40	10.26.15	10.17.20	10.27.05	10.04.15	15.07.85	05.07.15
10.05.35	10.05.20			08.09.15	10.32.15	10.10.25	09.05.35	15.04.25	15.28.10	15.17.15	15.06.20	15.06.40	20.09.45	10.10.15
15.04.35	15.07.20			10.09.10	15.17.20	15.14.35	15.05.25	20.04.25	20.05.10	20.11.15	20.06.20	20.07.45	30.10.30	13.12.25
19.07.20	20.04.30			15.15.20	20.16.25	20.13.15	20.05.10	30.04.15	25.05.15	30.07.20	30.07.15	30.08.15	35.10.35	15.15.35
20.09.20				20.17.35	25.17.35		30.09.10	35.23.20	30.03.15			40.10.15		20.14.35
25.07.20				23.18.45	30.18.35		40.13.20		40.05.10			50.14.10		21.15.20
30.00.25				25.18.45	35.17.45		50.23.15		50.11.15			56.14.15		
35.06.25					40.17.50				59.10.15					
40.04.25														

Forecast for 24 hours from noon on 19th

Light to moderate north to northeast winds.
Mainly clear.
Remaining warm.

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم ١٩
رياح خفيفة إلى معتدلة شمالية وشمالية شرقية
السماء صحو على العموم.
تستمر درجة الحرارة مرتفعة.

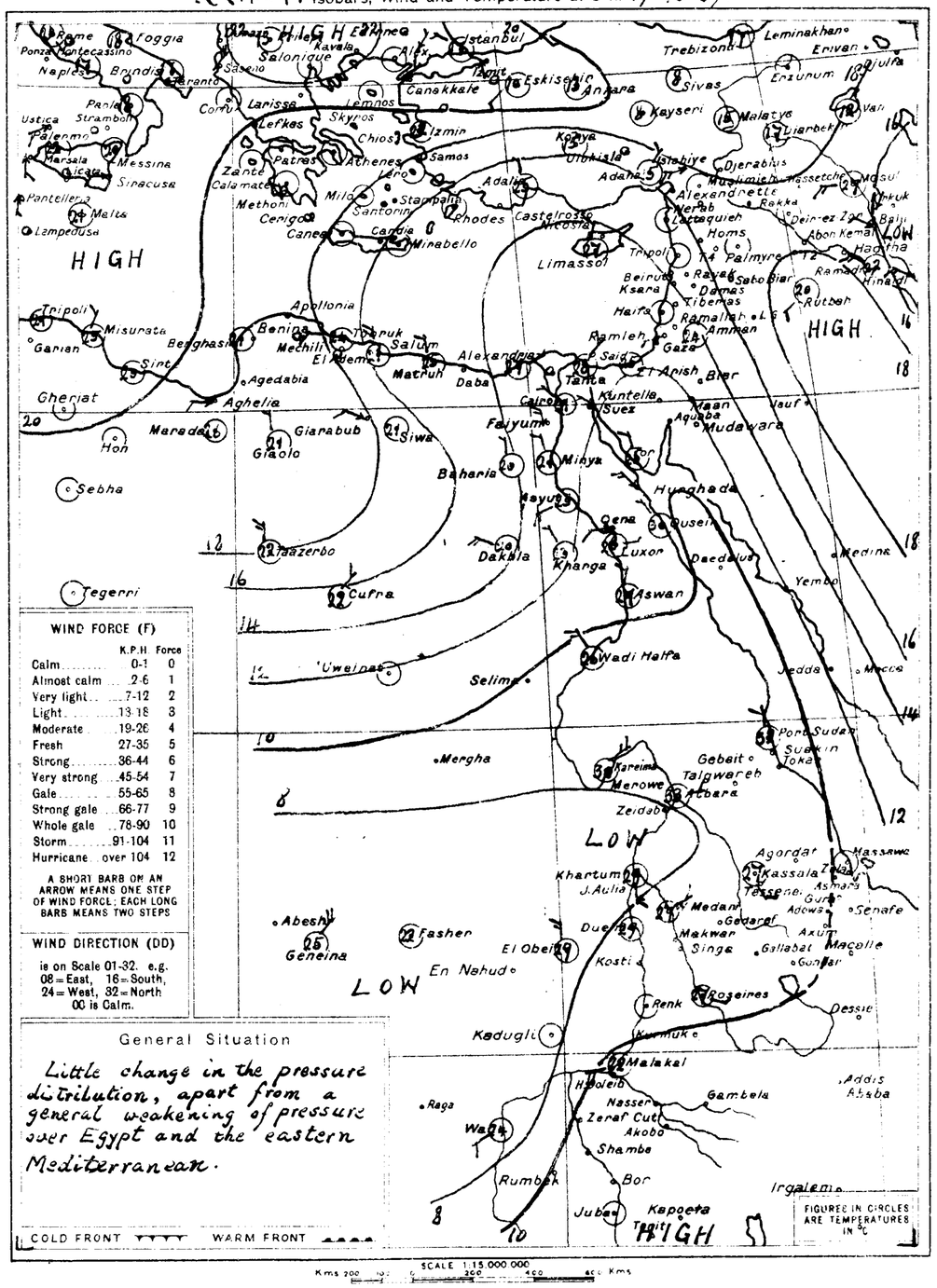
STATION	Mean of day HUMIDITY % 18th	Diff. from normal	Mean of day WET BULB TEMP. °C 18th	Diff. from normal
Alexandria	72	+4	22.4	+3.3
Ezbekiya	71	+5	21.9	+2.8
Giza	69	+1	21.3	+2.2
Helwan	56	+2	20.5	+3.6

Giza Grass minimum on 19th 15.0 °C

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

DATE	1939	1938
19-10	3283	6812
18-10	3503	7035

GAUGE	Date	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
	1939	m.	m.	m.	m.
Juba	18-10	13.20	+0.48	13.18	-0.51
Nasser	18-10	10.54	+0.01	10.54	0.00
Malakal	19-10	12.23	+0.07	12.22	-0.08
Roseires	19-10	16.80	+1.00	16.35	+0.43
Sennar Res.	18-10	17.22	—	17.19	—
J. Aulia U.S	18-10	375.73	—	375.75	—
J. Aulia D.S	18-10	373.01	-0.94	373.00	-1.00
Khartum	18-10	13.06	-0.90	13.04	-0.98
Kh. el Girba	18-10	11.62	+0.01	11.64	-0.04
'Atbara	18-10	12.27	+0.79	12.30	-0.88
Kajnarti	18-10	138.08	-1.04	138.27	-0.98
Aswan Res.	19-10	108.50	—	107.90	—
Aswan D.S.	19-10	88.73	-1.67	88.93	-1.59
Roda (Cairo)	18-10	17.26	-1.32	17.30	+.24



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 OR 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, apart from a general weakening of pressure over Egypt and the eastern Mediterranean.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squalls	13
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Dusteform	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
... of Snow	85-84
... of Snow	85-86
... of Hail	87-89
Thunderstorm	90-99
... moderate Rain	91
... with Rain	94-96
... with Duststorm	98
... heavy Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Duet	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 19th — الساعة ٨ يوم ١٩

STATION رصد	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	BAR. PRESSURE Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	HUMIDITY %	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.
	ww	V	DD	F	W	N	C	PPP		TTT	MM				U			
Limassol	00	7	02	2	0	0	—	13.1	-2.1	27	—	—	—	—	—	0	0	13
Haifa																		10
Hurghada 18th	00	9	30	5	0	0	—	11.6	-2.7	25.9	30	0	20	+1	82	0	0	—
SHIPS سفن																		

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 (36, 554)

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

CAIRO
Time of Sunrise 06 h. 00 m.
" " Sunset 17 h. 20 m.

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

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 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 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	SALÛM	00	8	02	6	0	0	—	15.1	24.8	68	00	6	02	5	0	0	—	15.2	-2.2	22.0	25	—	19	—	78	0	dr	—	130
	MATRÛH	00	8	32	2	0	0	—	14.8	26.2	83	02	7	30	3	1	4	Cu	13.4	-3.2	24.9	26	0	24	+7	88	0	0	9	131
	DIKHEILA	00	8	32	3	0	1	Cu	13.4	26.3	79	01	7	30	1	1	4	Sc	13.8	—	25.4	26	—	21	—	82	0	0	—	150
	ALEXANDRIA	00	9	32	2	0	0	—	11.9	28.3	68	01	9	00	0	2	3	Cu	12.2	-4.7	26.2	29	+1	23	+4	77	0	0	4	132
	DAMIETTA											03	7	22	1	2	7	Sc	12.2	—	25.6	29	—	22	—	82	0	0	4	159
	PORT SAÎD	00	8	04	2	1	0	—	11.4	30.9	78	03	8	04	1	1	5	Cb.	13.3	-1.5	35.8	31	+3	22	+2	57	0	0	2	134
	EL 'ARÎSH	13	7	28	2	1	5	As	10.4	28.0	73	01	7	30	1	1	3	Ac	12.7	—	25.8	31	—	21	—	32	0	0	2	135
LOWER EGYPT	DAMANHÛR											01	7	28	1	1	2	Cu	13.6	-3.2	23.8	33	+3	20	+4	93	0	0	3	136
	MANSÛRA											40	3	32	1	4	9	—	13.0	—	23.0	34	+4	21	+4	96	0	0	2	137
	TANTA	00	7	00	0	0	0	—	10.8	32.0	49	03	6	00	0	2	8	As	13.6	-3.6	22.5	33	+3	20	+4	95	0		2	138
	ZAGÂZIG	00	9	30	1	0	0	—	12.0	32.9	67	03	7	26	1	2	8	Ns.	14.4	—	23.8	34	+4	21	+5	97	dr	dr	1	139
MIDDLE EGYPT — CAIRO	ALMÂZA	00	8	02	2	0	1	Sc	11.5	30.9	55	42	5	28	1	6	5	St	13.6	—	24.2	31	—	21	—	88	1	1	—	141
	EZBEKIYA	05	7	32	2	0	0	—	10.4	32.1	51	21	6	04	2	5	6	Cb	13.3	-2.8	23.7	33	+4	21	+4	86	dr	dr	1	—
	GÎZA	05	7	32	2	0	0	—	10.6	31.6	51	21	6	04	2	5	6	Cb	13.3	-2.7	23.2	32	+3	21	+6	89	dr	dr	2	—
	HELWÂN	00	7	28	4	0	0	—	10.0	31.0	44	09	4	00	0	6	5	Sc	13.4	-3.0	23.1	32	+3	21	+4	91	tr	tr	1	143
	SUEZ	01	9	00	0	0	3	Cu	10.0	32.7	44	02	8	32	2	1	5	Cu	12.6	-2.8	24.0	34	+4	21	+2	78	dr	dr	1	144
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	10.0	33.3	43	01	8	32	2	0	3	Cu	12.0	-3.7	25.4	36	+6	21	+5	73	0	0	0	153
	MINYA	00	7	32	2	1	0	—	10.6	30.1	48	50	5	32	2	2	5	Sc	12.2	-4.0	23.3	31	+2	19	+2	79	dr	dr	—	154
	ASYÛT	00	7	26	3	0	0	—	10.3	30.0	57	02	6	22	3	1	4	Cu	11.8	-3.3	25.0	31	+1	19	+2	54	0	0	0	155
	QENA	01	8	26	2	1	3	Cu	9.0	33.3	38	00	8	02	1	1	0	—	11.0	-3.0	28.7	35	+1	21	+4	43	dr	dr	—	156
	LUXOR	00	9	24	1	0	0	—	9.5	38.0	27	00	9	02	2	0	0	—	11.2	—	29.9	40	—	23	—	41	0	0	—	157
	ASWÂN	01	7	24	1	1	3	Cu	5.5	40.0	28	00	7	04	2	0	0	—	14.8	-2.7	30.0	41	+5	23	+3	33	0	0	—	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	13.9	32.2	49	02	7	00	0	2	5	Cu	15.8	-0.8	21.0	33	+2	17	+2	90	0	0	0	148
	BAHARÎYA	00	9	30	1	0	0	—	12.7	28.1	57	00	9	32	1	0	0	—	12.2	—	21.2	31	—	19	—	95	0	0	—	149
	KHÂRGA	00	8	04	2	0	0	—	9.9	32.7	31	00	8	32	1	0	0	—	11.1	-3.6	25.4	33	0	20	+3	48	0	0	0	151
	DÂKHLA	00	8	28	3	0	0	—	11.5	30.3	40	01	7	24	2	0	4	Ac	13.5	-2.2	22.0	32	-1	18	+1	60	0	0	—	152
RED SEA	TÔR	00	6	28	2	1	1	Cb	9.1	30.8	70	00	6	16	1	0	1	Ac.	11.5	-2.5	28.3	33	+5	23	+5	59	0	0	0	145
	HURGHÂDA	00	9	04	2	0	0	—	9.3	31.3	58	00	9	32	3	0	0	—	12.0	-2.0	32.1	32	+2	20	+1	43	0	0	—	146
	QUSEIR	00	7	02	2	0	1	Ci	10.0	28.8	72	00	7	32	2	0	0	—	11.1	-2.7	30.4	31	+1	25	+2	50	0	0	0	147
	PORT SUDAN											30	—	08	3	8	9	—	11.4	-0.7	31.5	35	+2	27	+3	66	tr	tr	6	169
NORTH SUDAN	WÂDI HALFA											01	8	32	2	0	2	Ac	9.3	-4.2	25.8	38	+2	23	+4	39	—	—	—	165
	KAREIMA											03	8	16	1	1	7	Ac,As	10.3	-1.0	28.8	41	+1	27	+5	52	0	0	1	166
	'ATBARA											03	—	20	2	6	7	—	10.0	-0.1	26.2	40	+1	24	+1	60	dr	dr	1	167
	KHARTÛM											10	8	10	2	9	7	Ac,As	9.9	+0.8	25.0	35	-5	22	-1	84	6	7	3	168
	KASSALA											03	8	12	2	1	6	St	11.0	+1.2	23.0	38	0	22	-1	87	7	7	7	170
CENTRAL SUDAN	WAD MEDANI											02	—	10	3	1	4	—	10.8	+1.4	25.4	35	-4	22	0	79	20	44	7	171
	DUEIM											03	—	—	—	6	7	—	10.0	+0.7	26.8	35	-4	24	+2	75	3	12	7	173
	RENK																												—	182
	ROSEIRES											50	—	14	1	5	8	—	10.8	+0.6	24.3	35	-1	22	+2	95	dr	68	19	172
	EL OBEID											10	8	30	1	1	8	Ac,Ci	10.0	-1.3	24.0	37	+1	22	+3	93	14	17	12	174
	EL FÂSHER											02	8	28	3	1	5	Ac,As	—	—	23.3	37	+1	21	+4	67	0	1	5	175
	GENEINA											03	8	28	2	1	6	Ac.	—	—	23.0	37	—	19	—	38	0	18	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL											10	8	16	3	1	8	Ac	11.5	+0.6	22.4	31	-3	20	-1	91	7	75	49	176
	WÂU											03	—	20	1	6	7	—	9.5	-0.4	23.5	33	-1	21	+1	90	19	75	78	177
	JÛBA											03	9	00	0	2	8	St,As	10.4	-0.9	22.8	34	0	20	0	83	54	74	58	178

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

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

SALÛM 7 h.	MATRÛH	DIKHEILA	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA 4 h.	KAREIMA 4 h.	KHARTÛM 5 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 6 h.	JÛBA 6 h.	EL FASHER 6 h.
02.34.30							03.35.15	06.19.25	06.34.15	06.05.05	07.07.15	06.05.10	06.28.30	09.10.05
05.02.25							06.09.25	10.22.45	10.36.15	10.10.15	10.11.15	10.20.05	10.27.35	10.18.00
10.05.30							10.08.25		15.03.15	15.14.25	15.11.20	15.16.10	15.31.05	15.08.15
15.05.30							15.07.25		20.07.15	20.13.30	20.09.15	20.16.25	20.07.20	20.08.30
20.05.20							20.10.10		21.07.15	23.12.40	30.12.20	30.17.30	30.19.20	30.08.35
25.08.10							30.17.20				40.11.25	40.14.05	40.21.20	40.12.20
							40.19.15					50.13.15		48.22.25
							50.23.30					59.12.30		

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	73	+5	23.0	+4.0
Ezbekiya	70	+4	22.9	+3.9
Giza	74	+6	22.6	+3.6
Helwân	68	+14	21.4	+4.6

Gîza Grass minimum on 20th 14.7 °C

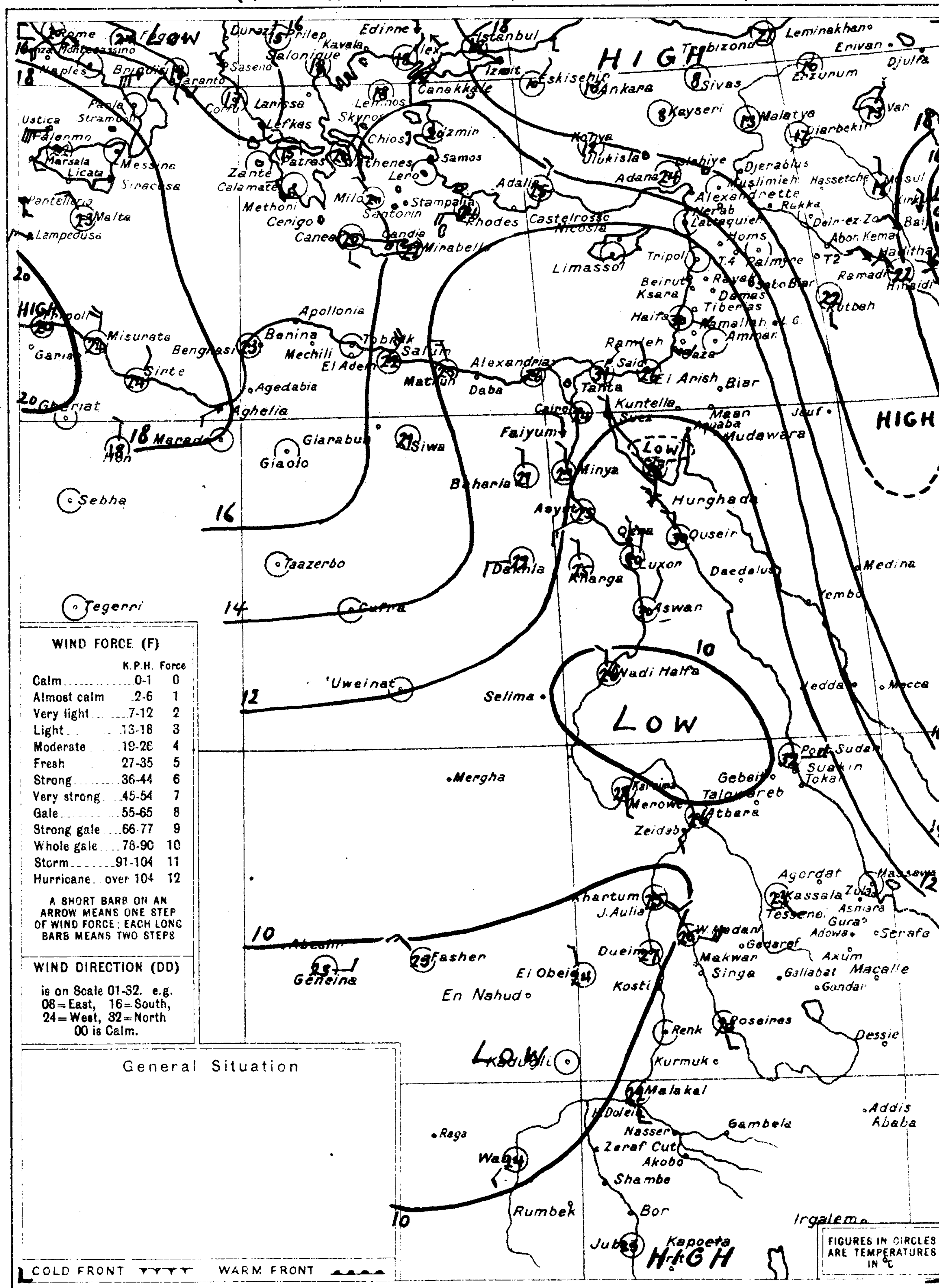
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
20-10	3062	6582
19-10	3283	6812

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20-10	13.18	-0.50	13.16	-0.52
Nâsser	20-10	10.55	-0.02	10.54	-0.02
Malakâl	20-10	12.23	-0.07	12.23	-0.07
Roseires	20-10	17.15	+1.45	16.80	+1.00
Sennâr Res.	20-10	17.20	—	17.20	—
J. Aulia U.S	20-10	375.66	—	375.73	—
J. Aulia D.S	20-10	373.07	-0.76	373.03	-0.86
Khartûm	20-10	13.11	-0.71	13.09	-0.80
Kh. el Girba	20-10	11.55	+0.02	11.57	-0.01
'Atbara	20-10	12.26	-0.69	12.26	-0.74
Kajnarti	20-10	137.70	-1.25	137.90	-1.13
Aswân Res.	20-10	109.12	—	108.50	—
Aswân D.S.	20-10	88.53	-1.76	88.73	-1.67
Rôda (Cairo)	19-10	17.23	-1.35	17.26	-1.32

Printed by the Survey & Mines Dept. 1936 (36/554)

٢٠-١٠-٣٩ Isobars, Wind and Temperature at 8 h. 20-10-39



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 20th — الساعة ٨ يوم ٢٠

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	—	13.9	-1.3	27	—	—	—	—	—	0	0	14
Haifa	00	—	10	3	—	0	—	14.2	0.0	30.4	38	+10	25	+8	19	0	0	10
Haifa 19th	00	—	00	0	—	0	—	13.3	-0.8	31	—	—	—	—	16	0	0	10
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 01 m
" " Sunset 17 h 19 m

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

DAILY WEATHER REPORT

Month OCTOBER 1939 — ١٩٣٩ شهر أكتوبر

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.	Min. Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
		At 14 h. on 20th — الساعة ١٤ يوم ٢٠										At 8 h. on SATURDAY 21st — الساعة ٨ يوم السبت ٢١																		
Mediterranean	SALUM	00	8	02	6	0	0	—	14.7	24.4	69	09	7	32	4	0	2	Cu	15.5	-1.9	19.3	26		17	—	92	0	dr	—	130
	MATRUH	00	9	30	3	0	0	—	13.3	24.3	88	03	5	30	4	6	8	Cb	14.4	-2.3	24.6	27	+1	23	+6	86	tr	tr	10	131
	DIKHEILA	21	3	30	2	1	4	As	13.8	26.3	79	01	8	32	4	1	4	AC	13.4	—	26.0	27	—	25	—	84	dr	dr	—	150
	ALEXANDRIA	02	9	28	1	2	5	Cu	13.4	27.0	74	02	9	02	3	5	5	Cb	12.7	-4.2	25.4	30	+2	24	+5	89	tr	tr	4	132
	DAMIETTA											01	8	32	2	1	2	Ac	12.7	—	26.8	32	—	22	—	80	0	0	5	159
	PORT SAID	01	8	04	2	2	3	Cs	13.3	32.8	57	00	8	04	3	1	0	—	13.1	-1.8	29.6	35	+7	25	+5	79	0	0	2	134
	EL 'ARISH	03	6	30	2	2	6	As	11.6	30.8	36	00	7	00	0	—	0	—	12.3	—	24.0	37	—	17	—	46	0	0	3	135
Lower Egypt	DAMANHUR											03	7	20	2	5	8	As	14.2	-2.7	26.2	34	+4	23	+7	78	dr	dr	3	136
	MANSURA											01	8	32	2	1	4	Sc	12.3	—	26.0	34	+4	21	+4	73	dr	dr	2	137
	TANTA	03	7	32	2	2	6	Cb	12.7	33.0	44	02	7	02	2	1	5	Cb	12.3	-4.9	24.5	34	+4	20	+4	64	dr	dr	2	138
	ZAGAZIG	02	8	30	1	1	4	Cu	12.2	33.9	56	02	7	26	1	1	4	Cu	13.6	—	25.6	36	+7	16	+1	84	0	dr	1	139
Middle Egypt (Cairo)	ALMAZA	01	8	28	3	5	4	Sc	11.6	33.3	54	01	7	32	3	1	3	Sc	12.7	—	23.7	36	—	21	—	75	0	1	—	141
	EZBEKIYA	02	8	30	2	1	5	Ac	11.5	33.9	40	02	6	06	1	5	4	Ac	12.4	-3.7	24.5	35	+6	21	+4	83	dr	dr	1	—
	GIZA	02	8	30	2	1	5	Ac	11.6	34.0	36	02	6	02	2	2	4	AC	11.9	-4.2	23.6	35	+6	19	+4	85	dr	dr	2	—
	HELWAN	02	7	26	5	2	4	Sc	11.2	32.9	37	05	5	26	2	1	3	Ac	12.0	-4.4	24.0	36	+7	21	+4	61	0	tr	1	143
	SUEZ	02	8	30	1	1	5	Cu	11.6	29.3	50	01	7	00	0	0	2	Cc	12.3	-3.1	26.9	36	+6	21	+2	53	0	dr	1	144
Upper Egypt	FAIYUM	02	8	30	2	0	5	Cu	10.2	32.4	40	02	7	32	2	0	4	Cu	11.9	-3.9	24.0	34	+4	20	+4	69	0	0	0	153
	MINYA	01	7	30	3	2	4	Sc	9.9	34.0	30	03	5	32	1	2	7	Cu	11.6	-4.7	23.8	34	+5	22	+5	63	0	dr	—	154
	ASYUT	01	7	32	2	1	3	Cu	9.9	34.2	38	02	6	22	2	2	5	Ns	12.0	-3.1	25.2	37	+7	21	+4	52	0	0	0	155
	QENA	00	8	12	1	0	0	—	8.7	38.5	31	03	7	10	1	2	7	Sc	11.9	-2.2	28.1	40	+6	23	+6	51	0	dr	—	156
	LUXOR	00	9	02	2	0	0	—	8.6	37.2	30	03	7	06	1	2	6	Ac	11.6	—	29.2	39	—	24	—	52	0	0	—	157
	ASWAN	00	7	24	1	0	0	—	7.2	39.0	30	01	7	00	0	1	3	Cu	11.5	-2.1	29.6	40	+4	26	+6	33	0	0	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	13.9	32.0	38	02	8	00	0	2	5	Sc	15.8	-0.9	20.0	33	+2	17	+2	91	0	0	0	148
	BAHARIYA	00	9	32	1	0	1	Ci	12.1	29.5	43	00	9	32	3	0	0	—	11.9	—	23.2	32	—	20	—	87	0	0	—	149
	KHARGA	00	8	04	1	0	0	—	7.9	33.6	37	02	8	28	1	2	5	Cc	12.3	-2.5	25.3	35	+2	24	+7	46	0	0	0	151
	DAKHLA	00	8	28	3	0	0	—	11.5	32.3	42	00	7	28	1	0	0	—	14.4	-1.5	22.0	34	+1	20	+3	68	0	0	—	152
Red Sea	TOR	00	6	28	2	0	1	Cu	9.6	32.1	63	01	5	16	1	0	3	Sc	12.4	-1.6	28.8	34	+6	21	+3	50	10	10	0	145
	HURGHADA											02	8	16	1	1	4	Cu	12.3	-1.9	30.5	35	+5	19	0	56	0	0	—	146
	QUSEIR	00	7	02	2	0	0	—	10.7	30.0	62	01	7	00	0	1	4	As	13.0	-0.9	29.1	32	+2	24	+1	72	0	0	0	147
	PORT SUDAN											30	—	28	2	4	9	—	12.4	+0.2	32.0	36	+3	25	+1	70	4	4	6	169
North Sudan	WADI HALFA											02	8	30	2	1	5	As	11.9	-1.7	29.0	40	+4	26	+7	34	—	—	—	165
	KAREIMA											05	6	04	1	1	5	Ac	11.5	+0.2	29.6	37	-3	27	+5	47	0	0	1	166
	'ATBARA											02	—	08	2	1	4	—	11.0	+0.8	30.0	32	-7	23	0	41	1	1	1	167
	KHARTUM											02	8	00	0	1	5	Ci, Ac	10.2	+1.0	28.8	35	-5	23	0	71	2	9	3	168
	KASSALA											00	8	14	1	0	1	Ac	10.4	+0.7	27.0	32	-6	23	0	69	dr	7	7	170
Central Sudan	WAD MEDANI											00	—	12	1	0	0	—	11.0	+1.6	28.1	31	-8	23	+1	68	0	44	8	171
	DUEIM											02	—	—	—	0	4	—	9.6	+0.2	28.0	34	-5	24	+2	66	0	12	8	173
	RENK																													182
	ROSEIRES											02	—	14	1	2	4	—	11.1	+1.0	26.4	30	-6	21	+1	75	2	70	20	172
	EL OBEID											03	8	22	1	1	6	Ci, Ac	10.5	-0.8	25.1	30	-6	23	+4	68	2	19	12	174
	EL FASHER											02	9	32	2	1	5	Sc	—	—	23.5	33	-3	21	+4	76	3	4	5	175
	GENEINA											62	8	24	1	1	7	Sc	—	—	19.9	34	—	19	—	91	1	19	—	179
	KADUGLI																												—	187
S. Sudan	MALAKAL											03	8	14	2	1	7	Ac, As	12.4	+1.5	23.4	30	-4	22	+1	94	dr	75	52	176
	WAU											03	—	28	2	1	7	—	11.1	+1.2	22.4	31	-3	20	0	100	0	75	82	177
	JUBA											03	9	00	0	1	8	Sc	10.9	-0.4	21.8	32	-2	20	0	91	15	89	61	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. m.	MATRUH 7 h. m.	P.SAID 9 h. m.	CAIRO h. m.	HELWAN 9 h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 5 h. m.	KAREIMA 6 h. m.	KHARTUM 5 h. m.	KASSALA 7 h. m.	EL OBEID 6 h. m.	MALAKAL 6 h. m.	JUBA 6 h. m.	MINYA 9 h. m.
02.32.20	RAINING	02.05.30		02.36.10	02.20.25	05.19.20	03.05.05	06.10.10	06.05.15	06.17.05	07.30.15	06.01.10	06.05.15	02.18.10
05.02.15		05.05.35		05.11.20	05.19.25	10.23.20	06.02.20	10.19.10	10.05.10	10.03.05	10.02.10	10.36.10	10.06.40	05.19.25
10.01.25		10.07.25		08.15.30	10.18.40	15.17.25	10.33.15	15.07.10	15.03.20	15.03.25	15.07.10	15.33.15	15.09.50	10.19.25
15.01.20		15.09.30		10.17.30		20.17.40	15.23.10	20.04.10	20.03.20	20.05.20	20.05.15	20.08.10	20.12.55	15.19.30
20.02.20		20.14.20		15.17.35			20.03.05	25.03.20	30.03.20	30.10.35	30.08.10	30.10.15	30.15.40	20.19.30
25.02.15		22.13.20		20.18.10			30.11.20	30.06.40	36.08.05	40.19.20	40.09.15	40.10.10	37.16.30	
27.06.05				22.18.10			40.11.15	40.07.30		50.27.20	50.17.25			
28.21.00							49.02.15	50.17.10		57.24.05				
30.22.05														
31.20.10														

Forecast for 24 hours from noon on 21st

On the coast moderate northerly winds.
Inland light to moderate variable winds, chiefly northeasterly.
Some medium cloud.
Light scattered showers, possibly with thunder.
Temperature remaining much above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢١
رياح معتدلة شمالية على الساحل
ورياح بالداخل خفيفة والمعتدلة مختلفة الاتجاه أغلبها شمالية شرقية في الداخل
تظهر بعض السحاب الوسط
وتسقط مطر خفيف في أماكن متفرقة وربما يكون مصحوبا بالرعد
وتستمر درجة الحرارة فوق المعدل بكثير

STATION	Mean of day Humidity % 20th	Diff. from normal	Wet Bulb Temp °C 20th	Diff. from normal
Alexandria	80	+12	23.4	+4.4
Ezbekiya	67	+1	22.8	+3.8
Giza	69	+1	22.4	+3.5
Helwan	59	+5	21.6	+4.8

Giza Grass minimum on 21st 13.0 °C

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

DATE	1939	1938
20-10	3062	6582
19-10	3283	6812

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	20-10	13.18	-0.50	13.16	-0.52
Nasser	20-10	10.55	-0.02	10.54	-0.02
Malakal	21-10	12.24	-0.06	12.23	-0.07
Roseires	21-10	17.34	+1.73	17.15	+1.45
Sennar Res.	20-10	17.20	—	17.20	—
J. Aulia U.S	20-10	375.66	—	375.73	—
J. Aulia D.S	20-10	373.07	-0.76	373.03	-0.86
Khartum	20-10	13.11	-0.71	13.09	-0.80
Kh. el Girba	20-10	11.55	+0.02	11.57	-0.01
'Atbara	20-10	12.26	-0.69	12.26	-0.74
Kajnarti	20-10	137.70	-1.25	137.90	-1.13
Aswan Res.	20-10	109.12	—	108.50	—
Aswan D.S.	20-10	88.53	-1.76	88.73	-1.67
Roda (Cairo)	19-10	17.23	-1.35	17.26	-1.32

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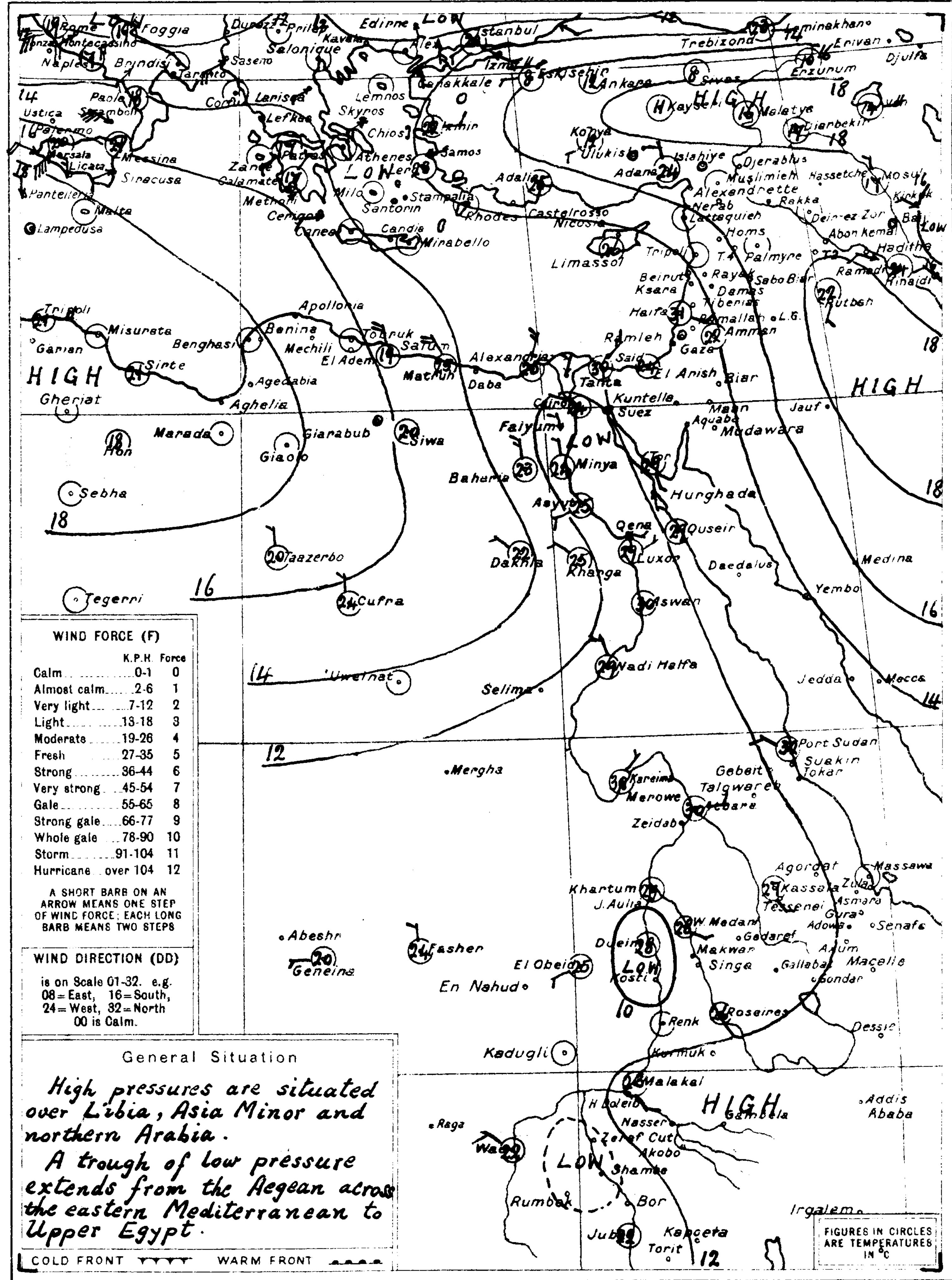
Isobars, Wind and Temperature at 8 h. 21-10-39. — ٢١-١٠-٣٩



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

High pressures are situated over Libia, Asia Minor and northern Arabia.
A trough of low pressure extends from the Aegean across the eastern Mediterranean to Upper Egypt.

COLD FRONT — WARM FRONT

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 21st — الساعة ٨ يوم ٢١																		
Limassol	03	7	00	0	2	7	—	13.9	-1.5	26	—	—	—	—	—	0	0	15
Haifa	01	—	10	2	—	3	—	13.6	-0.7	31.3	37	+9	25	+8	14	0	0	11
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	80-84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 17 18

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h. on 21st: Present weather ww	Visibility V	Wind Dir. DD	Wind 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 22nd: Present weather ww	Visibility V	Wind Dir. DD	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	01	8	06	4	0	3	St	14.6	25.6	56	09	6	30	4	1	3	As	17.2	-0.3	19.1	26	—	16	—	96	0	dr	—	130
MATRUH	02	6	26	3	1	5	Cu	14.0	25.3	91	01	8	30	4	0	2	Cu	14.6	-2.1	25.1	26	0	24	+7	85	0	tr	10	131
DIKHEILA	01	8	02	4	1	4	Sc	13.0	27.0	76	01	7	04	3	0	2	Cu	14.0	—	26.1	29	—	25	—	83	0	dr	—	150
ALEXANDRIA	02	9	04	4	2	4	Cu	11.8	30.0	65	01	9	04	2	2	3	Cu	13.4	-3.5	27.2	31	+3	24	+5	83	0	tr	4	132
DAMIETTA											01	8	10	1	1	3	Ac	14.6	—	30.0	31	—	23	—	61	dr	dr	5	159
PORT SAID	01	8	04	2	0	2	Cc	11.6	30.3	68	00	5	20	2	1	0	—	14.6	-0.4	29.8	32	+4	23	+3	66	dr	dr	2	134
EL 'ARISH	01	7	04	2	1	4	Ac	11.0	30.2	52	03	6	04	3	2	6	As	13.3	—	27.0	30	—	22	—	48	0	0	3	135
Lower Egypt																													
DAMANHUR											00	7	06	2	1	0	—	13.6	-3.4	24.3	34	+4	21	+5	80	0	dr	3	136
MANSURA											02	6	02	1	1	4	Sc	13.8	—	26.7	35	+5	21	+4	69	dr	dr	2	137
TANTA	03	7	00	0	2	8	Sc	11.5	33.0	34	00	7	00	0	0	0	—	14.2	-3.1	25.0	34	+4	18	+2	68	0	dr	2	138
ZAGAZIG	02	9	28	1	1	4	Cu	11.2	33.4	60	01	8	10	1	0	4	Cu	14.6	—	28.9	36	+7	21	+6	67	0	dr	1	139
Middle Egypt																													
CAIRO ALMAZA	03	8	02	2	2	6	As	11.4	34.8	39	01	7	14	1	0	2	Ac	14.0	—	26.8	35	—	22	—	56	0	/	—	141
CAIRO EZBEKIYA	03	7	00	0	2	7	As	10.2	34.7	33	01	7	12	3	0	3	Ac	13.9	-2.3	26.0	37	+8	21	+4	60	dr	dr	1	—
CAIRO GIZA	03	7	00	0	2	7	As	10.2	34.0	37	05	6	12	3	0	3	Cc	13.8	-2.3	25.5	36	+7	18	+3	55	dr	dr	2	—
HELWAN	05	6	00	0	2	6	Sc	9.9	34.9	24	05	6	12	3	1	3	Ac	14.0	-2.5	24.4	36	+7	23	+6	57	0	tr	1	143
SUEZ	02	7	16	2	1	5	Cu	11.0	32.2	38	02	7	00	0	1	5	Ac	13.9	-1.6	26.8	35	+5	—	—	74	dr	dr	1	144
Upper Egypt																													
FAIYUM	03	7	30	2	0	7	Sc	10.7	31.4	43	00	8	32	3	0	0	—	—	—	24.1	—	—	21	+5	70	0	0	0	153
MINYA	21	6	12	2	5	8	Cb	10.8	29.1	50	01	7	26	2	1	3	Cu	14.4	-2.0	23.8	31	+2	19	+2	67	dr	dr	—	154
ASYUT	03	7	10	3	2	6	Sc	11.8	29.1	62	02	7	28	3	—	5	Cb	14.7	-0.5	23.1	31	+2	21	+4	74	0	0	0	155
QENA	03	8	26	2	2	7	Sc	10.7	32.6	50	21	8	22	2	5	7	Sc	13.8	-0.4	25.2	37	+3	22	+5	82	1	1	—	156
LUXOR	03	7	22	1	2	8	Cu	10.6	35.8	38	03	8	28	1	2	6	Ac	13.9	—	25.5	37	—	23	—	85	3	3	—	157
ASWAN	02	7	24	1	1	5	Cu	9.1	36.4	23	03	7	32	1	6	7	Cb	13.6	-0.1	27.8	39	+4	26	+6	52	dr	dr	—	158
Western Desert																													
SIWA	00	8	28	1	0	0	—	14.8	31.3	47	00	8	28	1	0	0	—	18.4	+1.6	21.1	33	+2	16	+2	79	0	0	0	148
BAHARIYA	00	9	30	3	0	0	—	11.0	31.6	43	00	9	30	2	0	0	—	15.5	—	22.4	33	—	19	—	81	0	0	—	149
KHARGA	02	7	32	1	1	5	Cc	11.6	35.4	29	02	7	00	0	1	5	Ci	15.0	+0.1	25.1	35	+2	20	+3	44	0	0	0	151
DAKHLA	02	7	28	4	0	5	Ac	12.7	32.0	16	00	7	24	2	0	0	—	16.3	+0.4	21.4	33	+1	18	+2	51	0	0	—	152
Red Sea																													
TOR	01	5	16	5	0	4	Ns	10.8	31.2	64	20	4	32	2	2	7	Cu	13.4	-0.7	27.0	34	+6	25	+8	88	dr	10	0	145
HURGHADA	02	8	04	3	1	5	Cb	11.6	30.7	62	13	6	26	2	2	8	Sc	14.2	-0.1	26.5	32	+2	24	+5	67	1	1	—	146
QUSEIR	02	7	08	2	1	5	As	12.0	29.2	—	03	6	24	2	2	8	Cu	13.1	-0.9	28.0	30	0	27	+4	76	2	2	0	147
PORT SUDAN											02	—	28	2	0	4	—	12.6	+0.4	31.5	37	+4	26	+2	66	0	4	7	169
North Sudan																													
WADI HALFA											01	7	32	5	1	4	Ac	12.4	-1.3	28.8	38	+2	26	+8	14	—	—	—	165
KAREIMA											02	8	28	3	8	5	Ac,As	12.0	+0.6	29.1	37	-3	27	+5	24	dr	dr	1	166
'ATBARA											00	—	30	2	0	0	—	10.3	0.0	30.4	37	-1	26	+3	45	0	1	1	167
KHARTUM											03	8	28	4	9	7	Cu,Sc	12.4	+3.2	24.6	37	-3	22	-1	84	15	24	3	168
KASSALA											00	8	16	3	0	0	—	10.3	-0.6	26.5	37	-1	25	+2	69	0	7	7	170
Central Sudan																													
WAD MEDANI											00	—	30	4	0	0	—	11.2	+1.7	27.6	35	-4	23	+1	65	dr	44	8	171
DUEIM											03	—	—	—	1	7	—	11.6	+2.2	26.2	36	-3	24	+2	78	3	15	8	173
RENK																												—	182
ROSEIRES											03	—	10	1	1	7	—	12.6	+2.5	24.0	35	-1	20	0	86	0	70	21	172
EL OBEID											03	8	32	3	1	8	As,Ci	11.3	0.0	23.6	32	-4	21	+2	67	dr	19	13	174
EL FASHER											03	8	04	3	1	7	St	—	—	22.8	33	-3	20	+3	67	dr	4	6	175
GENEINA											03	8	04	2	1	6	Cb	—	—	22.0	34	—	20	—	74	tr	19	—	179
KADUGLI																												—	187
S. Sudan																													
MALAKAL											01	8	28	3	1	3	Ac,Ci	11.9	+1.0	24.0	29	-5	21	0	84	0	75	54	176
WAU											03	—	24	1	1	7	—	11.5	+1.6	23.0	30	-4	20	0	88	0	75	86	177
JUBA																												64	178

UPPER WINDS ON 22nd الرياح العليا يوم CC

Upper Winds are in the Code HHDDVV where HH is Height 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.	[illegible] 9 h. m.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 6 h. m.	KHARTUM 7 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKAL 6 h. m.	GENEINA 6 h. m.	MINYA 7 h. m.
02342.	12 .4.30	02.08.15	02.14.25	02.14.20	02.30.40	02.02.15	03.36.40	06.35.25	06.27.45	06.17.15	07.03.25	06.31.25	10.05.35	02.26.15
05.63.10	05.36.30	05.09.10	05.23.30	05.15.30	05.31.25	05.02.25	07.26.50	10.03.15	10.29.35	10.13.25	10.03.40	10.35.15	15.07.45	05.26.25
10.33.25	10.36.40	10.15.10	10.21.15	08.19.25	10.29.45	10.03.30	10.03.35	15.03.20	15.34.25	15.09.20	15.02.40	15.04.20	20.08.80	10.22.35
15.01.15	15.03.30	15.19.15	15.21.25	10.20.20	15.26.20	15.10.15	15.04.25	20.07.15	20.35.35	20.09.15	20.10.10	20.05.15	21.08.65	15.22.30
20.04.15	20.02.25	20.19.05	20.20.30	15.20.35		20.13.20	20.09.15	25.15.25	25.03.15	30.06.15	30.20.25	30.09.20		20.22.35
25.32.05	Ent. Cu		25.19.40	20.19.50		25.16.35	25.11.15	30.15.25	30.05.25	40.12.05	33.18.10	40.08.30		
30.36.10			30.18.50	23.19.60			30.17.15	40.17.25	40.14.40	50.06.05		47.08.25		
35.02.20				25.18.40			40.17.15	50.17.10	50.14.20	53.04.15				
40.05.25				28.17.55			50.20.25	56.15.10	57.20.15					
							60.21.35							

Forecast for 24 hours from noon on 22nd

Over western and Upper Egypt, moderate northwesterly winds. Elsewhere, light winds between northeast and southeast, becoming moderate northerly tomorrow. Some medium cloud. Scattered showers in eastern Egypt. Cooler tomorrow but temperature remaining above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٢
تهب رياح معتدلة شمالية غربية على غرب مصر والصعيد
وأما فيما عدا ذلك فتهب رياح خفيفة ما بين الشمالية الشرقية
والجنوبية الشرقية تتحول الى رياح شمالية معتدلة غدا
يظهر بعض السحاب المتوسط
وتسقط أمطار متفرقة في شرق مصر
ويبرد الطقس غدا ولكن الحرارة تستمر فوق المعدل.

STATION	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp °C on 21st	Diff. from normal
Alexandria	81	+14	24.0	+5.1
Ezbekiya	55	-11	21.7	+2.8
Giza	55	-13	21.5	+2.7
Helwan	39	-16	19.3	+2.6

Giza Grass minimum on 22nd 11.0

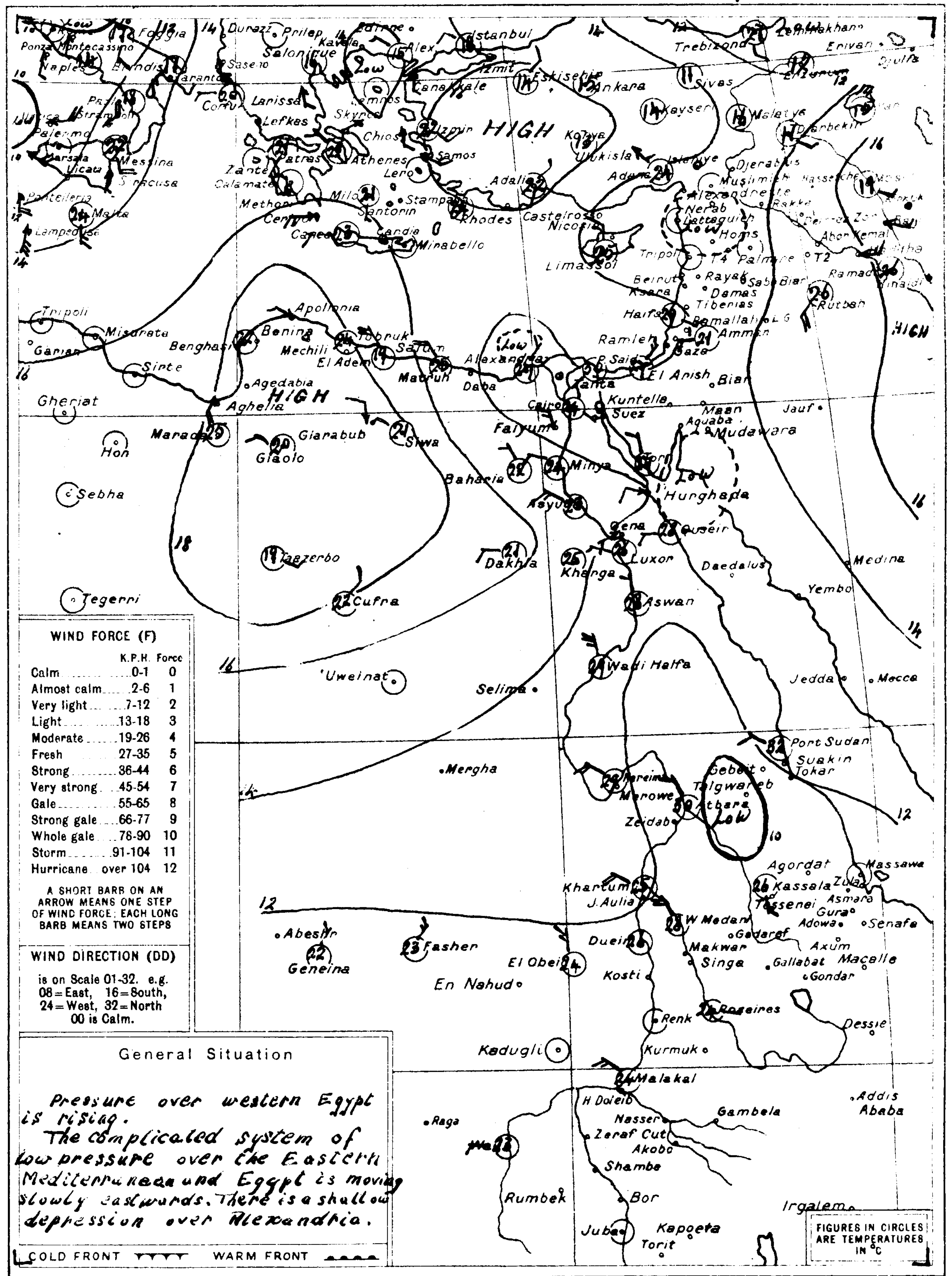
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
22-10	2642	6381
21-10	2842	6438

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day: Reading m.	Diff. from normal m.
Juba	22-10	13.20	-0.47	13.22	-0.45
Nasser	21-10	10.55	-0.02	10.55	-0.02
Malakal	22-10	12.24	-0.07	12.24	-0.06
Roseires	22-10	17.65	+2.14	17.34	+1.73
Sennar Res.	21-10	17.20	—	17.20	—
J. Aulia U.S	21-10	375.71	—	375.66	—
J. Aulia D.S	21-10	373.09	-0.69	373.07	-0.76
Khartum	22-10	13.22	-0.45	13.15	-0.59
Kh. el Girba	21-10	12.04	+0.56	11.55	+0.02
'Atbara	22-10	12.26	-0.56	12.25	-0.63
Kajnarti	21-10	137.52	-1.33	137.70	-1.25
Aswan Res.	22-10	110.22	—	109.71	—
Aswan D.S.	22-10	88.13	-1.95	88.33	-1.83
Roda (Cairo)	21-10	17.17	-1.42	17.21	-1.37

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

٢٢-١٠-٣٩ Isobars, Wind and Temperature at 8 h. 22-10-39.



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

Pressure over western Egypt is rising.
The complicated system of low pressure over the Eastern Mediterranean and Egypt is moving slowly eastwards. There is a shallow depression over Alexandria.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

STATION محطة	At 8 h. on 22nd: Present weather ww	Visibility V	Wind Dir. DD	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	60	5	32	3	6	7	—	13.8	-1.6	25	—		—		—	8	8	16
Haifa	60	—	10	2	—	8	—	15.4	+1.0	29.1	38	+10	26	+10	30	dr	dr	12
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 Fog	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder in the air	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended now Rain	91
" with hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. 02
" " Sunset 17 17

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

STATION	At 14 h. on 22nd ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h. on MONDAY 23rd 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.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
SALUM	01	8	04	5	1	5	AS	16.8	24.5	76	09	6	30	1	0	2	St	18.6	+1.1	20.2	26	—	17	—	99	0	dr	—	130
MATRUH	00	8	30	4	0	0	—	14.3	25.1	84	00	8	32	1	0	1	Cu	18.2	+1.4	25.9	26	0	23	+6	76	0	tr	11	131
DIKHEILA	01	8	32	4	1	4	Cu	13.9	26.2	86	00	8	02	3	0	1	Cs	17.1	—	25.9	31	—	25	—	68	0	dr	—	150
ALEXANDRIA	02	9	04	5	2	4	Cu	13.1	28.0	73	01	9	04	2	2	3	AC	17.0	0.0	27.2	34	+7	24	+5	61	0	tr	4	132
DAMIETTA											00	8	32	2	0	0	—	16.0	—	26.4	33	—	24	—	74	0	dr	5	159
PORT SAID	00	8	04	1	0	0	—	13.0	30.2	35	00	8	04	2	0	0	—	15.9	+0.9	27.2	32	+5	25	+5	81	0	dr	2	134
EL ARISH	03	7	32	1	5	8	—	13.0	30.3	44	00	7	00	0	0	0	—	15.5	—	27.2	34	—	19	—	83	dr	dr	3	135
DAMANHUR											00	6	32	1	0	0	—	17.2	+0.1	24.3	34	+5	21	+5	88	0	dr	4	136
MANSURA											00	8	02	2	0	0	—	16.2	—	25.1	35	+5	22	+5	77	0	dr	2	137
TANTA	01	7	00	0	1	2	Cu	11.9	34.0	36	00	7	04	2	0	0	—	16.6	-0.8	26.0	34	+4	18	+2	76	0	dr	2	138
ZAGAZIG	01	9	04	1	0	4	Cu	12.0	36.4	36	00	8	02	1	0	0	—	17.1	—	27.4	36	+7	20	+5	84	0	dr	1	139
CAIRO ALMAZA	01	8	14	2	0	3	Cu	12.2	34.4	30	51	6	04	3	2	8	St	14.4	—	24.0	35	—	20	—	91	dr	1	—	141
CAIRO EZBEKIYA	01	7	14	3	0	3	Cu	11.8	34.0	29	50	6	04	1	5	8	Ns	16.4	+0.1	24.3	35	+6	21	+5	88	dr	dr	1	—
CAIRO GIZA	01	7	14	3	0	3	Cu	11.8	34.0	33	13	4	32	2	4	8	St	16.3	+0.1	23.6	35	+6	20	+5	90	0	dr	2	—
HELWAN	01	7	20	2	0	3	Cu	11.6	31.9	36	05	6	02	2	1	4	Cu	16.2	-0.4	24.3	33	+4	21	+4	80	0	tr	1	143
SUEZ	00	9	16	1	0		—	12.7	30.3	56	00	8	30	2	0	0	—	15.6	+0.1	25.6	34	+4	19	0	79	0	dr	1	144
FAIYUM	00	8	00	0	0	0	—	11.9	32.5	43	02	7	02	2	0	5	Cu	16.3	+0.4	23.7	34	+4	20	+4	84	0	0	0	153
MINYA	00	8	28	3	1	0	—	12.7	33.2	35	00	8	02	1	0	0	—	15.4	-1.1	25.8	33	+5	20	+3	51	0	dr	—	154
ASYUT	01	8	28	3	1	3	Cu	13.5	31.2	41	00	6	12	2	0	0	—	15.1	-0.2	25.5	33	+4	19	+3	58	0	0	0	155
QENA	02	8	14	2	2	5	Cu	12.4	32.7	48	01	8	26	1	1	3	Cu	13.5	-0.8	26.7	34	0	22	+5	58	0	1	—	156
LUXOR	03	8	08	1	2	6	Ac	13.0	32.4	50	01	9	06	1	1	3	Ci	13.8	—	27.8	33	—	20	—	60	dr	3	—	157
ASWAN	02	7	32	5	1	5	Cu	10.8	32.6	29	01	7	32	2	1	3	Cu	13.0	-0.7	26.0	33	-2	25	+5	38	0	dr	—	158
SIWA	00	8	28	1	0	0	—	17.4	32.1	49																		0	148
BAHARIYA	00	9	32	3	0	0	—	15.0	29.0	52	00	9	08	1	0	0	—	16.2	—	23.2	31	—	21	—	89	0	0	—	149
KHARGA	00	8	32	2	0	0	—	11.6	35.3	27	00	8	30	1	0	0	—	15.0	0.0	23.8	35	+2	17	0	56	0	0	0	151
DAKHLA	00	8	04	2	0	0	—	14.3	31.0	24	00	7	00	0	0	0	—	15.9	-0.1	21.2	32	0	18	+2	55	0	0	—	152
TOR	10	6	26	2	2	4	Ns	12.6	31.0	65	00	6	32	2	0	0	—	13.6	-0.6	26.8	32	+4	20	+1	59	0	10	0	145
HURGHADA	03	6	02	3	5	8	NS	12.2	28.3	69	01	9	30	3	0	3	Ci	13.1	-1.3	28.4	32	+2	18	-1	45	dr	1	—	146
QUSEIR	03	7	02	2	—	7	Cu	12.0	30.0	68	01	7	30	1	1	4	AC	13.0	-1.1	28.0	33	+3	25	+3	57	0	2	0	147
PORT SUDAN											40	—	02	2	4	9	—	12.6	+0.3	31.0	38	+5	26	+2	65	0	4	7	169
WADI HALFA											01	8	32	4	1	2	Ac, Ci	11.3	-2.5	28.0	34	-1	25	+7	33	rain	—	—	165
KAREIMA											01	6	02	2	1	2	AC	10.4	-1.1	30.0	38	-1	25	+3	36	0	dr	1	166
ATBARA											00	—	08	2	0	0	—	9.4	-0.9	31.0	38	0	24	+1	37	0	1	1	167
KHARTUM											00	7	04	2	1	1	AC	9.1	-0.2	28.0	34	-6	25	+2	63	0	24	4	168
KASSALA											00	8	14	1	0	0	—	9.0	-0.7	28.7	38	0	23	0	52	0	7	8	170
WAD MEDANI											00	—	32	1	0	0	—	9.3	-0.2	29.1	36	-3	23	+1	54	dr	44	9	171
DUEIM											00	—	—	—	0	0	—	9.4	0.0	29.4	36	-3	25	+3	65	2	17	9	173
RENK																												—	182
ROSEIRES											00	—	14	1	1	0	—	10.3	+0.3	25.9	35	-1	21	+1	79	0	70	22	172
EL OBEID											02	8	30	1	1	5	Ci	9.5	-1.9	26.9	34	-2	23	+4	56	0	19	13	174
EL FASHER											01	8	30	1	1	3	St	—	—	22.0	33	-3	16	-1	38	0	4	6	175
GENEINA											01	8	06	5	1	3	AC	—	—	25.8	35	—	21	—	19	0	19	—	179
KADUGLI																												—	187
MALAKAL											01	8	18	2	1	2	Ac, Ci	9.6	-1.3	26.0	32	-2	22	+1	78	0	75	57	176
WAU											00	—	28	1	6	0	—	10.1	+0.3	25.0	33	-1	21	+1	84	7	82	90	177
JUBA																												67	178

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

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	P. SAID 9 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 3 h.	GENEINA 5 h.	MINYA 8 h.
02.33.10	02.05.10		02.04.25	02.04.20	02.11.05	02.02.20	03.01.30	06.05.50	06.36.30	06.13.05	07.01.20	06.17.10	10.05.50	02.14.10
05.06.10	05.04.15		05.05.20	05.04.10	05.05.10	05.02.35	06.02.45	10.07.35	10.36.25	10.10.25	10.03.25	10.04.05	15.05.55	05.08.05
10.06.35	10.06.10		10.07.20	08.07.20	10.05.15	10.09.15	10.05.25	15.07.20	15.04.20	15.06.10	15.07.20	15.05.20	20.07.35	10.06.20
15.11.30	15.06.25		15.05.15	10.09.25	15.07.05	15.11.25	15.05.25	20.08.15	20.08.15	20.0[illegible].10	20.07.15	20.06.30	24.07.45	15.08.15
20.11.30	19.08.15		20.12.10	15.12.15	20.19.10	20.12.25	20.09.15	27.08.15	25.10.20	30.18.05	30.09.35	30.07.40		20.05.10
25.11.35			25.09.15	20.10.20			30.15.20		30.09.20	40.11.25	37.09.35	37.08.25		25.16.10
30.11.30			29.06.20	21.09.20					40.08.15					30.18.20
				ENTERED Cu.					50.36.25					35.29.05
									53.01.25					40.25.05
														45.32.10

Forecast for 24 hours from noon on 23rd

Light to moderate northeasterly winds. Clear or occasional medium cloud. Slightly cooler but temperature still above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٣
رياح ما بين الخفيفة والمعتدلة شمالية شرقية
السماء صحو أو يظهر بها بعض سحاب الوسط
ويبرد الطقس قليلا إلا أن درجة الحرارة
تستمر فوق المعدل.

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet bulb temp °C on 22nd	Diff. from normal
Alexandria	81	+14	24.3	+5.5
Ezbekiya	55	-11	21.0	+2.2
Giza	58	-10	20.7	+2.0
Helwan	48	-7	20.1	+3.4

Giza Grass minimum on 23rd 12.7 °C

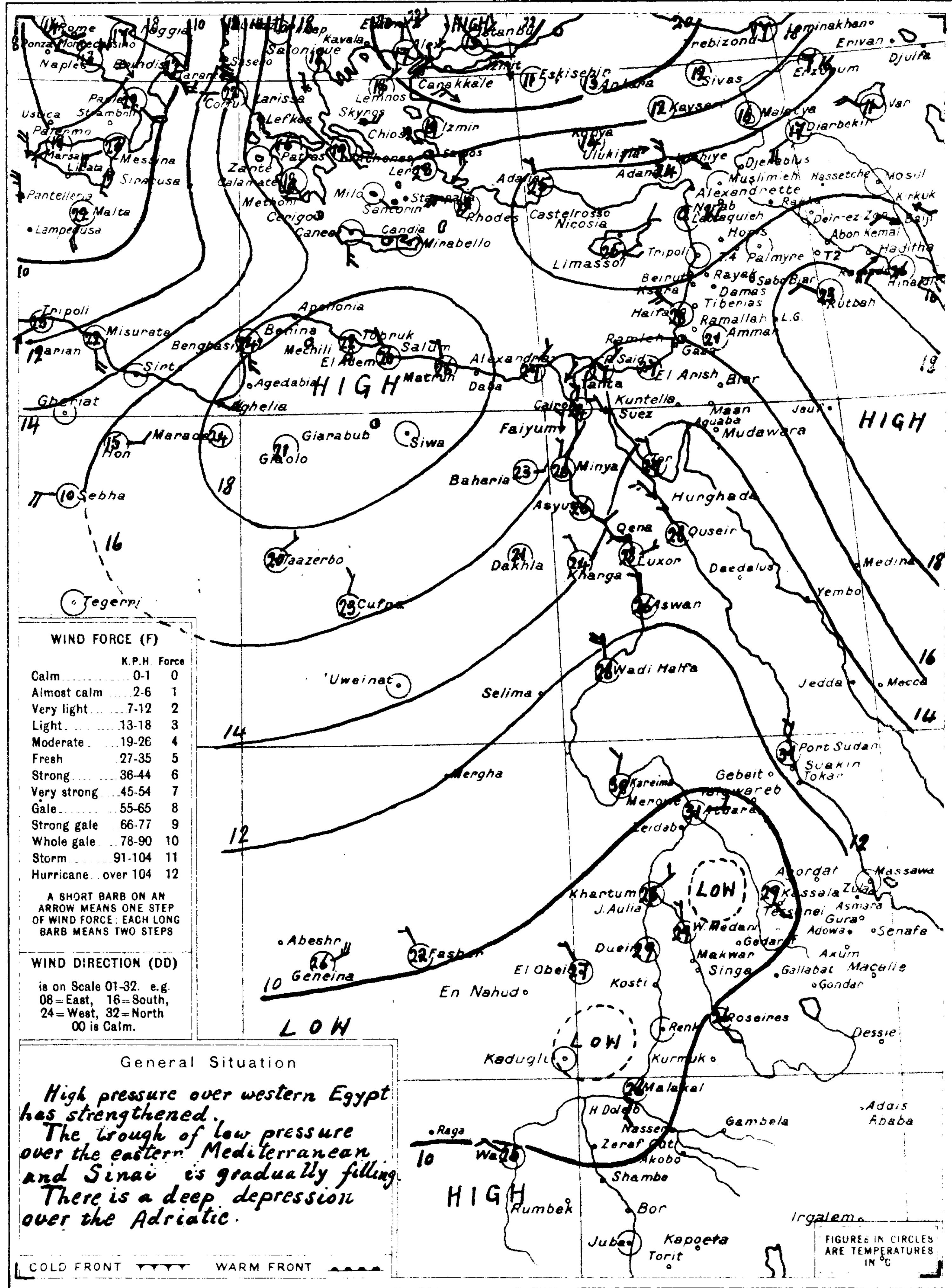
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
22-10	2642	6381
21-10	2842	6438

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	22-10	13.20	-0.47	13.22	-0.45
Nasser	21-10	10.55	-0.02	10.55	-0.02
Malakal	22-10	12.24	-0.07	12.34	-0.06
Roseires	23-10	17.69	+2.24	17.65	+2.14
Sennar Res.	22-10	17.20	—	17.20	—
J. Aulia U.S.	21-10	375.71	—	375.66	—
J. Aulia D.S.	21-10	373.09	-0.69	373.07	-0.76
Khartum	22-10	13.22	-0.45	13.15	-0.59
Kh. el Girba	21-10	12.04	+0.56	11.55	+0.42
Atbara	22-10	12.26	-0.56	12.25	-0.63
Kajnarti	21-10	137.52	-1.33	137.70	-1.25
Aswan Res.	22-10	110.22	—	109.71	—
Aswan D.S.	22-10	88.13	-1.95	88.33	-1.83
Roda (Cairo)	21-10	17.17	-1.42	17.21	-1.37

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

Isobars, Wind and Temperature at 8 h. 23-10-39. ٢٣-١٠-٣٩



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

High pressure over western Egypt has strengthened.
The trough of low pressure over the eastern Mediterranean and Sinai is gradually filling.
There is a deep depression over the Adriatic.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION محطة	At 8 h. on 23rd 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.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	7	10	1	0	0	—	15.0	-0.4	—	—	—	—	—	—	2	10	16
Haifa	00	—	28	3	—	0	—	16.0	+1.5	28.2	—	—	—	—	41	0	dr	12
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 03 m
" " Sunset 17 h 16 m

Month **OCTOBER** 1939 ١٩٣٩ شهر أكتوبر

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

DAILY WEATHER REPORT

At 14 h. on 23rd ٢٣ — At 8 h. on TUESDAY 24th الثلاثاء ٢٤

STATION	23rd ww	V	DD	F	W	N	C	PPP	TTT	UU	24th ww	V	DD	F	W	N	C	M.S.L. 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	Station Number
SALUM	00	8	04	4	0	1	Cu	17.2	24.6	76	00	7	18	1	0	1	St	16.8	-0.8	24.2	28	—	17	—	48	0	dr	—	130
MATRUH	00	8	04	2	0	0	—	16.2	26.8	80	00	8	00	0	0	0	—	16.7	-0.1	22.8	28	+2	—	—	87	0	tr	11	131
DIKHEILA	01	8	02	2	0	2	Cs	16.3	26.1	76	00	8	04	2	0	0	—	16.7	—	25.0	27	—	20	—	78	0	dr	—	150
ALEXANDRIA	01	9	04	2	2	3	Ac	15.5	29.2	60	00	9	04	1	0	0	—	16.4	-0.6	26.4	30	+3	21	+2	67	0	tr	4	132
DAMIETTA											00	7	00	0	0	0	—	16.2	—	24.0	33	—	19	—	83	0	dr	5	159
PORT SAID	00	8	04	2	0	0	—	14.4	29.8	78	01	8	28	2	0	3	Cu	15.8	+0.7	26.0	31	+4	21	+1	75	0	dr	2	134
EL ARISH	00	7	32	2	—	0	—	13.4	28.3	65	00	7	00	0	0	0	—	15.1	—	25.8	30	—	19	—	76	0	dr	3	135
DAMANHUR											05	5	02	2	4	0	—	16.6	-0.6	20.4	31	+2	17	+2	97	0	dr	4	136
MANSURA											00	8	12	1	0	0	—	16.0	—	22.9	32	+2	18	+2	85	0	dr	2	137
TANTA	02	7	32	3	1	5	As	14.6	31.0	42	02	6	00	0	1	5	As	16.6	-0.9	22.5	33	+3	16	0	95	0	dr	2	138
ZAGAZIG	01	9	30	2	0	3	Cu	14.3	32.9	58	01	8	02	1	0	2	Cu	16.8	—	24.4	33	+4	17	+2	88	0	dr	1	139
CAIRO ALMAZA	01	8	30	3	0	4	Cu	13.9	32.5	54	42	6	02	2	4	7	St	16.3	—	21.5	—	—	15?	—	89	0	1	—	141
EZBEKIYA	02	7	02	2	1	5	Cu	13.6	32.8	41	03	6	02	3	2	6	St	15.9	-0.5	21.5	34	+5	19	+3	87	dr	dr	1	—
GIZA	02	7	02	2	1	5	Cu	13.8	33.0	41	08	4	02	2	4	8	St	15.9	-0.4	21.4	34	+5	18	+3	89	0	dr	2	—
HELWAN	02	8	32	3	1	4	Cu	13.0	32.9	27	09	6	02	1	1	4	Sc	15.4	-1.2	22.1	33	+5	20	+3	87	0	tr	1	143
SUEZ	00	9	32	1	0	1	Cu	13.0	32.2	33	00	8	30	3	0	0	—	15.5	-0.1	24.7	35	+5	21	+2	80	0	dr	1	144
FAIYUM	01	8	00	0	0	2	Cu	13.0	34.1	27	01	7	32	4	0	2	Cu	15.4	-0.6	22.9	36	+6	20	+4	81	0	0	0	153
MINYA	00	9	30	3	0	0		12.3	32.5	34	00	7	32	2	0	0	—	13.9	-2.6	23.0	33	+5	21	+4	78	0	dr	—	154
ASYUT	00	7	22	3	0	0	—	12.0	32.0	43	00	6	22	3	0	0	—	13.6	-1.8	24.0	33	+4	20	+4	75	0	0	0	155
QENA	01	8	22	1	1	4	Cu	11.0	36.8	42	00	8	28	1	1	0	—	13.0	-1.4	27.0	38	+4	23	+6	66	0	1	—	156
LUXOR	02	9	30	2	2	5	Ac	11.1	34.5	35	00	9	06	2	0	0	—	13.3	—	29.1	37	—	20	—	57	0	3	—	157
ASWAN	01	7	28	3	1	3	Ac	8.7	37.0	18	00	7	00	0	0	0	—	11.8	-2.0	29.5	38	+3	23	+4	35	0	dr	—	158
SIWA	00	8	00	0	0	0	—	16.4	33.0	30	00	8	00	0	0	0	—	17.2	+0.3	22.0	34	+4	17	+3	65	0	0	0	148
BAHARIYA	00	9	32	2	0	0	—	15.2	31.2	31	00	9	32	1	0	0	—	16.2	—	19.5	33	—	18	—	40	0	0	—	149
KHARGA	00	8	04	1	0	0	—	11.9	32.4	41	00	8	00	0	0	0	—	13.8	-1.2	24.4	34	+1	17	0	50	0	0	0	151
DAKHLA	00	8	32	2	0	0	—	13.3	32.0	41	00	7	30	1	0	0	—	15.2	-1.0	22.0	32	0	16	0	53	0	0	—	152
TOR	00	6	28	3	0	1	Cu	11.2	29.8	61	00	5	32	3	0	0	—	13.0	-1.3	27.0	30	+2	20	+3	66	0	10	0	145
HURGHADA	00	9	02	3	0	0	—	11.6	33.2	37	00	9	02	3	0	0	—	12.3	-2.1	28.1	33	+3	23	+5	51	0	1	—	146
QUSEIR	01	1	32	2	1	4	Ac	12.0	31.-	59	00	7	32	2	0	—	—	13.1	-1.1	28.7	32	+2	25	+3	54	0	2	0	147
PORT SUDAN											—	—	08	2	—	—	—	13.1	+0.7	31.0	35	+2	25	+1	64	0	4	7	169
WADI HALFA											01	8	32	2	0	2	Ac	10.8	-3.1	27.0	38	+3	23	+5	37	—	—	—	165
KAREIMA											00	8	04	2	0	0	—	10.0	-1.6	29.9	41	+2	26	+4	30	0	dr	1	166
ATBARA											00	—	12	2	0	0	—	9.8	-0.6	29.8	40	+2	24	+2	35	0	1	1	167
KHARTUM											00	8	04	2	0	0	—	7.9	-1.4	29.6	40	0	25	+2	53	dr	24	4	168
KASSALA											00	8	14	1	0	0	—	8.4	-1.3	27.0	39	+1	22	-1	63	0	7	8	170
WAD MEDANI											00	—	26	4	0	0	—	7.6	-1.9	30.0	38	-1	23	+1	47	0	44	9	171
DUEIM											00	—	—	—	0	0	—	8.3	-1.2	29.4	38	-1	24	+2	57	0	17	9	173
RENK																												—	182
ROSEIRES																												23	172
EL OBEID											01	8	24	1	1	4	Ac	8.4	-3.0	26.6	37	+1	23	+4	56	1	20	14	174
EL FASHER											02	8	00	0	1	5	Ac,Ci	—	—	24.3	34	-2	17	0	34	0	4	6	175
GENEINA											03	8	04	5	1	6	Ac,Ci	—	—	23.0	35	—	18	—	18	0	19	—	179
KADUGLI																												—	187
MALAKAL											01	8	28	2	1	3	Ci	9.0	-1.9	25.9	33	-1	22	+1	76	0	75	59	176
WAU											02	—	24	1	1	4	—	9.3	-0.5	25.2	34	0	22	+2	81	0	82	94	177
JUBA											02	8	22	1	1	5	Ci	10.9	-0.3	25.0	33	-2	21	+1	84	0	94	70	178

UPPER WINDS ON 24th — رياح عليا 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.

SALUM 7 h	MATRUH 7 h	P.SAID 9 h	CAIRO 8 h 30 m	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 7 h	KAREIMA 5 h	KHARTUM 5 h	KASSALA 6 h	EL OBEID 6	MALAKAL 6 h	JUBA 6 h	MINYA 8 h
02.21.05	02.18.05	02.35.10	02.03.20	02.02.30	02.27.20	02.05.05	03.01.15	06.11.30	06.33.30	06.20.05	07.27.15	06.04.10	06.26.15	02.36.25
05.24.15	05.04.20	05.35.10	ENTERED St.	05.08.05	05.31.15	05.08.30	07.08.20	10.10.40	10.36.55	10.15.10	10.01.15	10.09.10	16.33.10	05.04.15
08.28.05	10.03.20	07.34.05		08.04.25	10.20.05	10.10.25	10.11.25	15.07.35	15.01.65	15.14.15	15.02.30	15.10.15	15.05.25	10.11.05
10.31.05	15.04.15	ENTERED Cu.		10.04.20	15.18.15	15.12.25	15.09.25	20.05.25	20.03.30	20.07.20	20.03.15	20.15.20	20.10.25	15.16.20
15.23.05	20.03.15			15.34.10	20.18.25	20.12.25	20.09.20	30.32.05	25.09.10	30.03.15	40.03.20	30.19.15	30.16.50	18.19.15
20.20.25	25.09.15			20.20.20	25.20.30	25.10.20	25.09.10	34.10.15	30.06.20	40.35.15	42.04.20	40.15.10	40.18.50	20.21.30
25.21.25				23.20.25	30.20.30	30.13.15	30.09.15		40.09.25	50.13.15		47.14.10	50.18.35	
30.20.25				25.21.30			40.32.10		50.11.25	60.13.35				
35.22.20							50.13.25		52.11.25	70.12.25				
40.27.10							60.18.25							

Forecast for 24 hours from noon on 24th

Moderate northerly winds.
Occasional medium cloud.
Slightly cooler, but temperature still above normal.
Further outlook: becoming cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٤
رياح شمالية معتدلة
تظهر بعض السحب المتوسطة
ويبرد الطقس قليلا إلا أن الحرارة تظل فوق المعدل
وبعد يومين يميل الجو للبرودة.

STATION	Mean of day Humidity on 23rd	Diff. from normal	Wet Bulb Temp. °C on 23rd	Diff. from normal
Alexandria	66	-1	22.3	+3.6
Ezbekiya	68	+2	22.3	+3.6
Giza	69	+1	22.2	+3.6
Helwan	55	+3	20.5	+3.9

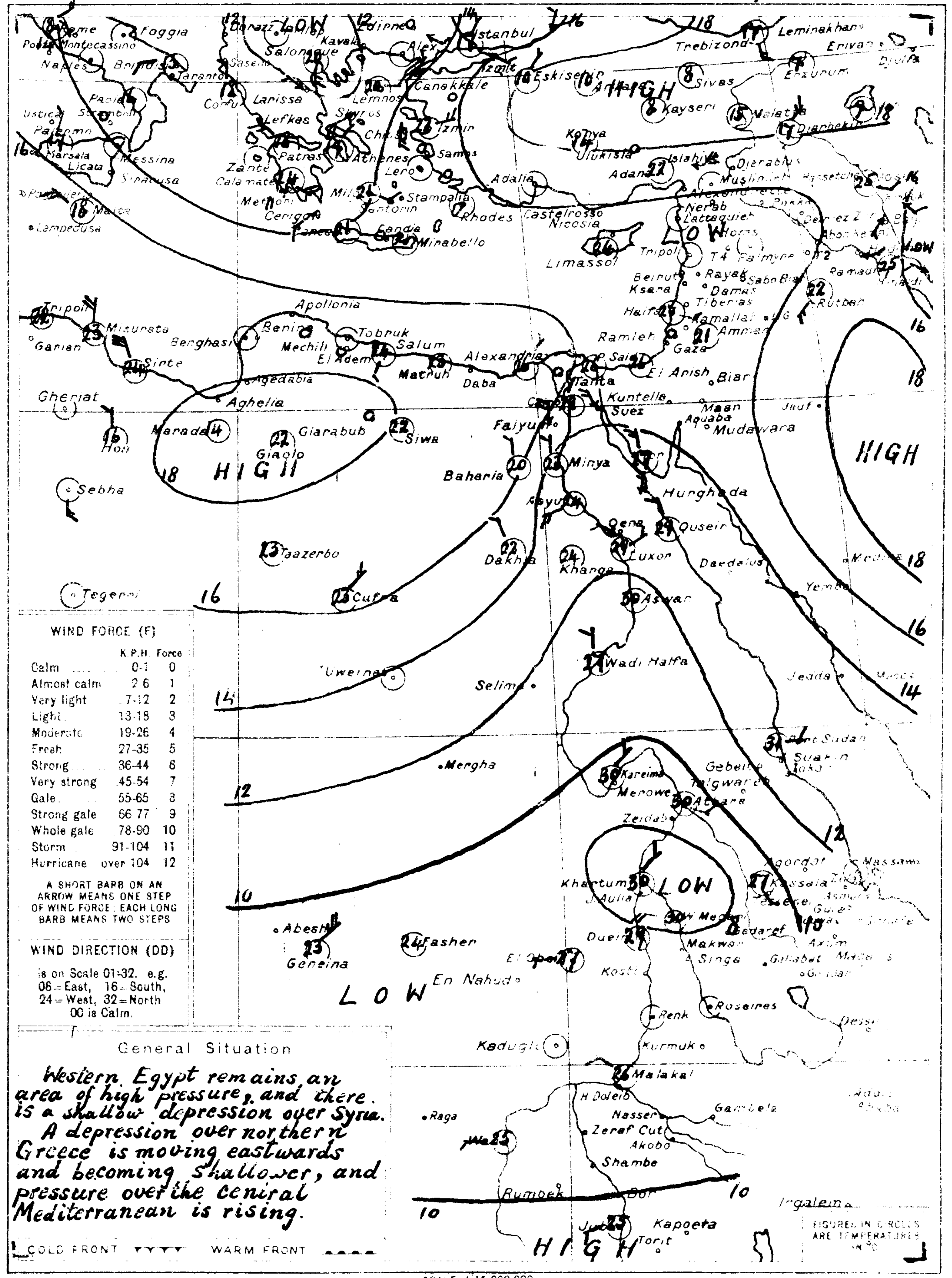
Giza Grass minimum on 24th 10.8°C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
24-10	2276	6236
23-10	2457	6325

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	24-10	13.20	-0.48	13.24	-0.43
Nasser	23-10	10.56	-0.01	10.55	-0.02
Malakal	24-10	12.24	-0.07	12.24	-0.07
Roseires	23-10	17.69	+2.24	17.65	+2.14
Sennar Res	23-10	17.20	—	17.20	—
J. Aulia U.S	23-10	375.67	—	375.67	—
J. Aulia D.S	23-10	373.26	-0.42	373.17	-0.56
Khartum	24-10	13.64	+0.12	13.44	-0.16
Kh. el Girba	23-10	11.90	+0.51	12.06	-0.56
Atbara	24-10	12.32	-0.33	12.27	-0.47
Kajnarti	23-10	137.76	-1.46	137.31	-1.41
Aswan Res.	24-10	111.26	—	110.71	—
Aswan D.S.	24-10	87.73	-2.10	87.93	-2.01
Roda (Cairo)	23-10	17.05	-1.54	17.12	-1.47

Isobars, Wind and Temperature at 8 h. 24-10-39. ٢٤-١٠-١٩٣٩



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

Western Egypt remains an area of high pressure, and there is a shallow depression over Syria.
A depression over northern Greece is moving eastwards and becoming shallower, and pressure over the central Mediterranean is rising.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 24th ٢٤

STATION	ww	V	DD	F	W	N	C	M.S.L. PPP	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	00	6	00	0	1	4		14.6	0.9	2?						0	10	17
Haifa	01		10	1	—	3	—	14.4	-0.1	26.6	36	18	—	—	35	0	dr	13
Siwa 23rd	00	3	00	0	0	0	—	13.2	+1.4	22.0	33	12	14	0	75	0	0	0
SHIPS																		

Remarks
* *Wadi Halfa Upper Winds Continued:*
70.27.10
80.23.20
90.22.45
100.23.55
110.23.70

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

CLOUD AMOUNT (N)
1 Tenth 2
9 Tenths
Over 9 Tenths 7
Overcast 8

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 03
" " Sunset 17 15

MINISTRY OF PUBLIC WORKS . PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٣٥٨ شهر أكتوبر

24th ٢٤ — WEDNESDAY 25th ٢٥ الأربعاء — الساعة ٨ يوم

Station	24th ww	V	DD	F	W	N	C	T	Max	U	25th 8h ww	V	DD	F	W	N	C	Bar. Pressure 1000+ mbs	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	No.
Salum	01	8	22	2	1	3	As	14.6	31.9	24	01	7	24	5	0	2	As	15.5	-2.2	19.8	33		18		54	0	dr		130
Matruh	00	8	32	1	0	1	Cu	15.4	26.2	69	01	8	20	2	0	2	Cu	15.1	-1.8	23.3	29	+3	19	+2	60	0	tr	12	131
[illegible]	00	8	32	3	0	1	Ci	16.0	25.9	79	01	7	00	0	1	4	Cs	15.9	—	25.8	26		19		73	0	dr		150
Alexandria	00	9	04	2	0	0	—	14.7	28.1	64	02	9	00	0	2	5	Ac	15.5	-1.6	27.0	30	+3	23	+4	66	0	tr	5	132
Damietta											01	8	20	1	1	4	Ac	14.8	—	24.0	33		19		83	0	dr	5	155
Port Said	00	7	02	2	1	0	—	13.8	29.3	65	02	8	04	2	0	4	Cu	14.8	-0.3	27.2	—	—	—	—	69	0	dr	2	134
[illegible]	01	7	28	2	0	3	Ac	13.6	27.2	73	01	7	00	0	0	2	St	14.7	—	24.3	29		16		83	0	dr	3	135
[illegible]											01	7	04	2	1	3	Ci	15.6	-1.6	22.6	31	+2	17	+2	86	0	dr	4	136
[illegible]											01	8	02	2	1	3	Cu	15.1	—	23.0	32	+2	18	+2	88	0	dr	2	137
[illegible]	00	7	00	0	1	0	—	13.6	31.5	46	01	7	00	0	1	3	Cs	15.5	-2.0	23.0	32	+2	16	0	91	0	dr	2	138
[illegible]	01	9	02	1	0	2	Cu	13.5	32.4	27	01	8	30	1	0	3	Cu	15.8	—	24.8	32	+3	16	+1	84	0	dr	2	139
[illegible]	00	8	04	3	0	0	—	13.6	31.1	51	05	6	02	2	1	5	St	15.5	—	19.7	32		18		90	0	1		141
Ezbekiya	00	7	32	3	0	0	—	13.1	31.8	39	01	5	02	2	1	3	Ci	15.0	-1.5	20.0	33	+4	18	+2	89	0	dr	2	
Giza	00	7	32	3	0	0	—	13.0	31.9	43	47	2	32	2	4	9	—	15.1	-1.2	18.4	32	+3	17	+2	100	0	dr	2	
Helwan	00	7	02	3	1	0	—	12.4	31.1	33	05	5	00	0	0	4	Ci	14.2	-2.5	22.9	32	+4	19	+2	66	0	tr	1	143
Suez	00	9	28	2	0	0	—	12.7	31.2	48	01	8	28	3	1	3	As	14.3	-1.3	23.6	32	+2	21	+2	76	0	dr	2	144
Faiyum	00	8	32	2	0	0	—	12.3	32.0	30	00	7	32	3	0	0	—	14.3	-1.8	22.7	34	+4	19	+3	76	0	0	0	153
Minya	00	8	30	2	0	0	—	11.6	32.5	43	00	8	02	3	0	0	—	13.6	-3.0	22.8	33	+5	20	+4	77	0	dr		154
Asyut	00	7	20	2	0	0	—	10.8	33.2	40	00	7	24	3	0	0	—	12.8	-2.6	24.0	34	+5	20	+4	67	0	0	0	155
Qena	00	8	24	1	0	0	—	10.3	34.3	46	01	8	28	1	1	3	Sc	12.0	-2.5	27.3	37	+3	21	+5	54	0	1		156
Luxor	00	9	02	1	0	0	—	10.0	37.8	28	01	9	02	2	1	3	Ci	12.0	—	28.8	39		19		50	0	3		157
Aswan	01	7	00	0	1	3	Ci	7.6	40.2	12	02	7	32	1	1	5	Ci	11.5	-2.4	27.0	42	+7	23	+4	38	0	dr	—	158
Siwa	00	8	00	0	0	0	—	15.0	33.9	46	00	8	00	0	0	0	—	16.4	-0.6	21.1	35	+5	16	+2	60	0	0	0	
Bahariya	00	9	32	1	0	0	—	15.6	31.0	32	00	9	32	1	0	0	—	16.4		19.0	33		17		95	0	0		
Kharga	00	8	04	1	0	0	—	11.1	33.8	38	00	8	00	0	0	0	—	10.7	-4.4	25.6	35	+2	22	+5	50	0	0	0	
Dakhla	00	8	28	3	0	0	—	11.9	32.0	31	00	7	24	1	0	0	—	13.9	-2.4	23.5	35	+3	20	+4	51	0	0		152
Tor	00	6	28	3	0	1	Cu	11.1	29.5	70	00	5	28	3	0	0	—	12.0	-2.4	26.3	30	+2	21	+4	82	0	10	0	145
Hurghada	00	9	04	3	0	0	—	10.7	30.8	60	00	9	30	3	0	0	—	12.3	-2.2	27.7	32	+2	21	+3	56	0	1	—	146
Quseir	00	7	32	2	0	0	—	11.5	30.0	71	00	7	32	2	0	1	Ci	12.6	-1.7	29.3	31	+1	24	+2	50	0	2	0	147
Port Sudan											02	—	04	3	0	4	—	10.8	-1.6	31.0	34	+1	25	+1	60	0	4	8	169
Wadi Halfa											02	8	32	3	1	5	Cs	9.9	-4.0	27.5	40	+5	21	+3	31	—	—		165
Kareima											01	8	04	3	0	3	Ci	9.5	-2.1	29.7	41	+2	24	+2	30	0	dr	1	166
Atbara											00	—	08	2	0	0	—	7.0	-3.5	31.0	39	+1	23	+1	22	0	1	1	167
Khartum											00	8	10	2	0	0	—	7.3	-2.1	31.1	41	+2	26	+3	32	dr	24	4	168
Kassala											00	8	16	2	0	0	—	7.8	-1.9	27.2	39	+1	21	-2	63	0	7	9	170
Wad Medani											00	—	00	0	0	0	—	7.1	-2.4	29.6	38	-1	22	0	50	0	44	9	171
Dueim											00	—	—	—	0	0	—	7.9	-1.6	30.4	39	0	25	+3	60	0	17	9	172
Renk																												—	182
Roseires											00	—	14	1	1	0	—	8.0	-2.0	26.9	37	+1	20	0	66	0	70	24	172
El Obeid											00	8	16	1	1	1	Ac	7.1	-4.3	27.6	37	+1	21	+2	51	dr	20	15	174
El Fasher											01	8	00	0	1	4	AcCs	—	—	24.6	36	0	19	+2	49	0	4	6	175
Geneina											01	8	12	2	1	4	Ac	—	—	23.8	36	—	18	—	39	0	19	—	173
Kadugli																												—	187
Malakal											01	8	28	2	0	3	AcCs	7.5	-3.3	25.3	35	0	21	0	79	0	75	62	176
Wau											02	—	16	1	0	4	—	8.0	-1.8	22.2	34	-1	21	+1	89	0	82	98	177
Juba																												73	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.

25th CO

Salum 7h	P.SAID A.P. 9h	Helwan 8.30h	Asyut 7h	Aswan 7h	Wadi Halfa* 6h	Kareima 6h	Khartum 7h	Kassala 7h	El Obeid 4h	Malakal 3h	El Fasher 6h	Geneina 6h
02.25.30	02 06 10	02.36.10	02 30 20	02 03 10	03.07.15	06 09 40	06 09 25	06 13 15	07 30 10	06 24 05	09 35 15	10 05 35
05.26.35	05 05 15	05.04.30	05 34 20	05 09 25	07.10.20	10 06 40	10 09 30	10 12 20	10 19 05	10 05 05	10 03 25	15 08 50
10.25.25	10 02 15	08.05.30	10 35 10	10 10 20	10.11.20	15 06 35	15 09 25	16 07 15	15 00 00	15 07 15	15 06 25	20 08 25
15.24.25	15 08 00	10.04.10	15 16 10	15 10 25	15.08.20	20 03 25	20 08 20	20 07 15	18 00 00	20 05 25	20 09 25	30 10 25
20.25.30	17 31 00	15.21.10	20 19 10	20 09 25	20.07.25	30 31 15	25 07 15	30 02 10		30 07 25	30 11 20	37 09 60
23.24.30	18 29 05	20.22.25	25 19 20	25 09 20	25.06.20	40 29 10	30 07 10	40 07 10		34 09 30	40 13 10	
	20 26 05	25.22.40	30 19 25	30 09 20	30.05.15		40 14 10	50 15 10			42 11 15	
	26 24 40	30.21.40			40.09.35		50 14 15	60 11 15				
	30 22 20	35.23.25			50.18.20		60 14 10	64 11 15				
	35 24 30	40.25.20			60.19.35		66 06 20					

Forecast for 24 hours from noon of 25th

On the coast moderate west to northwest winds. Inland moderate northeasterly winds, backing tomorrow to northwest. Occasional medium cloud. Slightly cooler tomorrow.

CO

رياح معتدلة على الساحل ما بين الغربية والشمالية الغربية
ورياح معتدلة في الداخل شمالية شرقية تتراجع إلى الشمالية الغربية غداً
يظهر بعض السحب المتوسطة من آن لآخر
ويبرد الطقس قليلا غداً

Station	Max. 24th	Diff. from normal	Dry bulb temp. 24th	Diff. from normal
Alexandria	67	0	22.1	+3.5
Ezbekiya	70	+4	20.9	+2.3
Giza	69	0	21.1	+2.6
Helwan	58	+3	19.7	+3.2

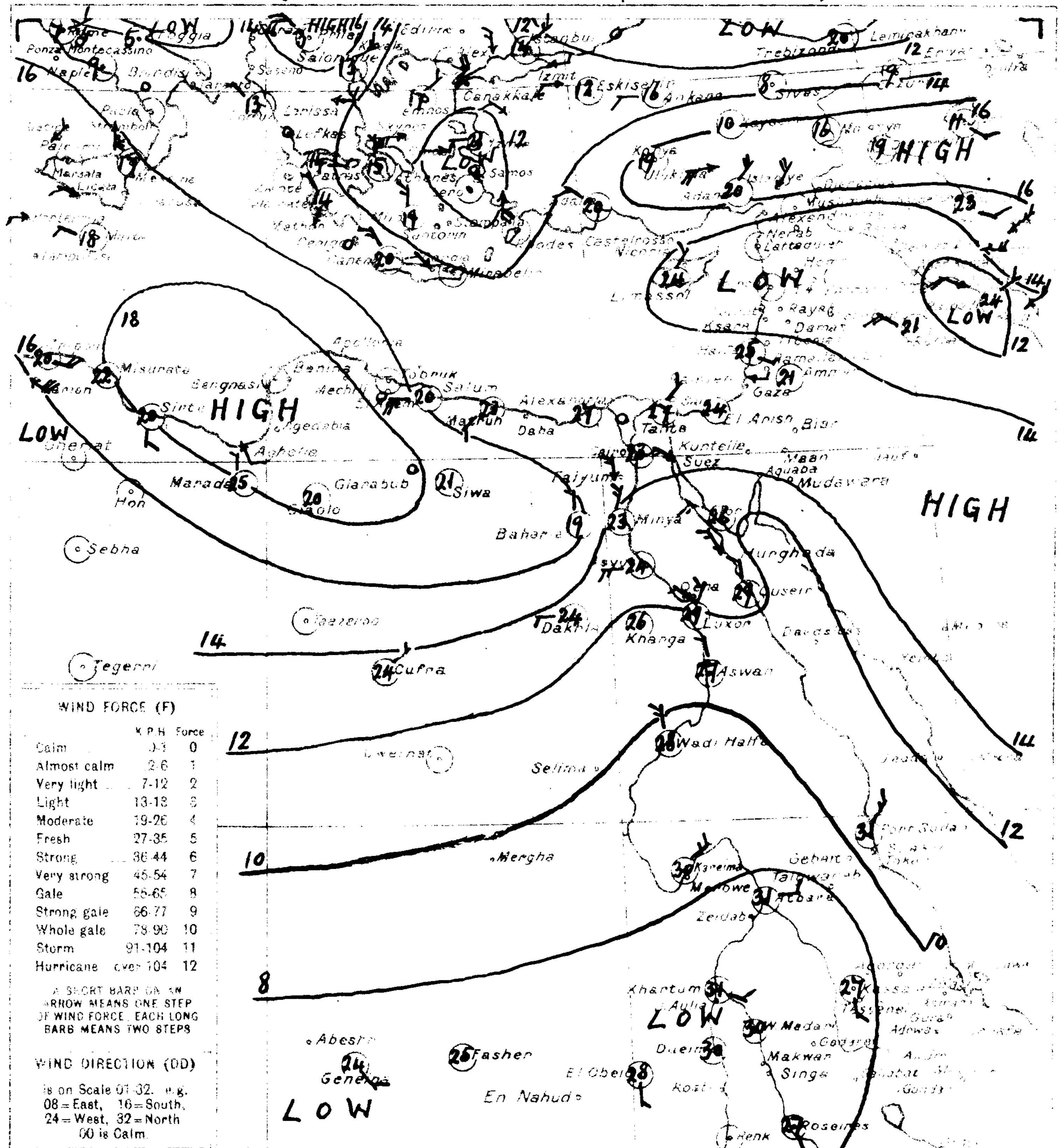
Giza Grass minimum 25th 10.0

Discharges at Aswan measured by sluices m.³ per sec

Date	1939	1938
24-10	2296	6236
23-10	2457	6325

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
[illegible]	24-10	13.20	-0.48	13.24	-0.43
Nasser	24-10	10.56	-0.02	10.56	-0.01
Malakal	25-10	12.24	-0.08	12.24	-0.07
Roseires	25-10	16.82	+1.55	17.25	+1.90
Sennar Res.	24-10	17.20	—	17.20	—
J. Aulia U.S.	24-10	375.76	—	375.67	—
J. Aulia D.S.	24-10	373.41	-0.21	373.26	-0.42
Khartum	24-10	13.64	+0.12	13.44	-0.16
Kh. el Girba	24-10	11.80	+0.45	11.90	+0.51
Atbara	24-10	12.32	-0.33	12.27	-0.47
Kajnarti	24-10	137.01	-1.55	137.16	-1.46
Aswan Res.	24-10	111.26	—	110.71	—
Aswan D.S.	24-10	87.73	-2.10	87.93	-2.01
Roda (Cairo)	24-10	17.03	-1.54	17.65	-1.54

.٢٩-١٠-٢٥ Isobars, Wind and Temperature at 8 h. 25-10-39.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-3	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 WINDFORCE. 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

Western Egypt remains an area of high pressure. A depression over the Aegean is moving eastwards and pressure over the eastern Mediterranean and Egypt has weakened.

COLD FRONT — WARM FRONT

FIGURES ... ARE TEMPERATURES

SCALE 1:15,000,000

At 8 h. on 25th CO

Station	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. pressure 1000+ mbs	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	01	7	04	2	1	3	—	14.0	-1.6	24	—	—	—	—	—	0	10	18
Haifa	00	—	10	1	—	0	—	15.1	+0.5	25.4	28	0	20	+4	50	0	dr	13

SHIPS

*Wadi Halfa upper winds continued:
70.27.05
80.22.20
90.23.45
100.23.70
110.24.65
120.24.65

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, ...

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. 04
" " Sunset h. 17 m. 14

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

DAILY WEATHER REPORT

Month OCTOBER 1939 — ١٩٣٩ شهر أكتوبر

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

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	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	01	8	02	5	0	3	Ac	14.2	25.7	71	00	7	16	3	0	0	—	15.0	-2.7	21.4	30	—	17	—	81	0	dr	—	130
MATRÛH	00	8	28	4	0	0	—	15.5	26.3	64	00	4	16	1	0	0	—	17.0	+0.1	23.5	31	+6	18	+1	75	0	tr	12	131
DIKHEILA	00	8	30	2	0	1	Ci	15.0	26.2	67	00	8	32	2	0	0	—	16.3	—	24.6	27	—	17	—	79	0	dr	—	150
ALEXANDRIA	00	9	04	1	0	0	—	14.4	27.8	58	00	9	00	0	0	0	—	15.7	-1.3	25.5	31	+4	22	+3	74	0	tr	5	132
DAMIETTA											40	4	00	0	4	0	—	15.6	—	23.5	28	—	18	—	89	0	dr	6	159
PORT SAÎD	02	8	04	2	1	4	Cu	14.4	28.5	70	00	8	32	2	1	0	—	14.6	-0.6	27.2	31	+4	20	0	77	0	dr	2	134
EL 'ARÎSH	01	7	04	1	0	2	Ac	14.2	26.0	76	00	7	00	0	0	0	—	15.4	—	24.5	27	—	17	—	80	0	dr	3	135
Lower Egypt																													
DAMANHÛR											05	6	04	1	4	0	—	16.3	-1.0	20.8	32	+3	16	+1	91	0	dr	4	136
MANŞÛRA											08	4	12	1	4	0	—	15.8	—	20.0	31	+2	16	0	91	0	dr	2	137
TANTA	02	7	00	0	1	4	Cu	13.[illegible]	31.0	48	00	7	00	0	0	0	—	16.4	-1.2	22.5	32	+3	15	0	95	0	dr	2	138
ZAGÂZÎG	01	9	30	1	0	1	Cu	13.6	30.8	60	08	3	30	1	4	9	—	16.6	—	20.9	31	+2	15	0	95	0	dr	2	139
Middle Egypt — Cairo																													
ALMÂZA	01	8	02	4	0	2	Cs	13.5	30.8	54	05	6	32	1	1	2	St	16.3	—	21.3	32	—	19	—	93	0	1	—	141
EZBEKÎYA	02	7	02	3	1	5	Ci	12.8	31.2	42	03	5	32	1	2	6	St	15.8	-0.7	21.2	33	+4	18	+2	90	0	dr	2	—
GÎZA	02	7	02	3	1	5	Ci	12.7	30.6	44	47	3	30	2	4	8	St	16.3	-0.1	19.6	32	+3	17	+3	97	0	dr	2	—
HELWÂN	01	8	32	4	1	3	Ci	12.3	31.5	29	05	6	04	2	0	0	—	15.2	-1.6	23.5	32	+4	20	+3	64	0	tr	1	143
SUEZ	00	9	28	3	0	0	—	12.2	32.2	33	00	7	28	2	0	0	—	15.4	-0.2	24.5	34	+5	21	+2	80		dr	2	144
Upper Egypt																													
FAIYÛM	01	8	32	3	0	3	Cu	11.9	32.2	32	00	7	32	2	0	0	—	15.4	-0.7	23.5	35	+6	19	+3	78	0	0	0	153
MINYA	01	9	32	2	0	3	Cs	11.4	32.0	38	00	7	30	2	1	0	—	14.0	-2.6	22.0	32	+4	19	+3	82	0	dr	—	154
ASYÛT	00	8	20	[illegible]	0	0	—	10.6	32.3	52	00	6	28	3	0	0	—	13.4	-2.1	23.5	34	+5	20	+4	71	0	0	0	155
QENA	01	8	20	1	1	3	Sc	9.6	37.5	37	00	8	26	2	0	0	—	12.4	-2.2	25.3	39	+6	22	+6	66	0	1	—	156
LUXOR	01	9	30	2	1	3	Ci	9.4	38.5	25	00	9	06	2	0	0	—	12.6	—	28.3	41	—	18	—	51	0	3	—	157
ASWÂN	02	7	00	0	1	5	Cu	7.8	38.8	13	00	7	00	0	0	0	—	11.6	-2.4	27.0	42	+7	22	+3	37	0	dr	—	158
Western Desert																													
SÎWA	00	8	00	0	0	0	—	15.1	33.3	45	00	8	00	0	0	0	—	15.7	-1.2	21.1	34	+4	17	+3	67	0	0	0	148
BAHARÎYA	00	9	32	1	0	0	—	13.8	31.0	29	00	9	32	1	0	0	—	16.2	—	22.0	32	—	17	—	70	0	0	—	149
KHÂRGA	00	8	04	2	0	0	—	7.6	35.2	31	00	8	04	1	0	0	—	12.3	-2.9	24.9	36	+3	21	+5	55	0	0	0	151
DÂKHLA	00	8	30	3	0	0	—	11.9	34.0	31	00	7	22	1	0	0	—	14.6	-1.8	24.0	35	+3	19	+3	67	0	0	—	152
Red Sea																													
TOR	00	6	28	3	0	0	—	10.4	24.1	77	00	5	32	2	0	0	—	13.0	1.5	25.1	30	+2	19	+2	68	0	10	0	145
HURGHADA	00	9	04	3	0	0	—	10.3	30.5	61	00	9	30	3	0	0	—	12.3	-2.3	27.1	31	+2	20	+2	62	0	1	—	146
QUŞEIR	01	7	02	2	1	4	Ac	11.5	30.0	71	00	7	32	2	0	0	—	12.6	-1.8	28.7	31	+1	23	+1	59	0	2	0	147
PORT SUDAN											00	—	08	2	—	0	—	11.0	-1.0	31.1	34	+1	26	+2	67	•	4	8	169
North Sudan																													
WÂDI HALFA											01	8	32	2	1	2	Ac	10.5	-3.5	26.0	40	+5	21	+3	24	—	—	—	165
KAREIMA											01	8	22	4	1	4	Ci	5.8	-2.7	24.4	39	0	23	+2	40	0	dr	1	166
'ATBARA											00	—	08	2	0	0	—	8.7	-1.9	31.0	40	+2	23	+1	28	0	1	1	167
KHARTÛM											00	8	02	1	0	1	Ac	7.4	-1.6	30.1	41	+2	25	+2	36	0	24	4	168
KASSALA											00	8	04	1	0	0	—	6.8	-2.7	30.6	40	+2	22	-1	48	0	7	9	170
Central Sudan																													
WAD MEDANI											00	—	06	3	0	0	—	7.1	-2.4	29.0	39	+1	22	0	38	0	44	10	171
DUEIM											00	—	—	—	0	0	—	7.4	-2.2	29.4	39	[illegible]	24	+2	45	0	17	10	173
RENK																												—	182
ROSEIRES											02	—	14	1	1	4	—	8.0	-2.0	26.7	38	+1	19	-1	67	0	70	25	172
EL OBEID											01	8	30	2	1	3	Ci Ac	7.6	-3.9	29.2	39	+3	24	+5	46	dr	20	15	174
EL FASHER											01	5	00	0	1	4	Ci Ac	—	—	25.1	37	+1	20	+4	49	0	4	7	175
GENEINA											01	8	00	1	1	4	Ac	—	—	23.6	38	—	17	—	39	0	19	—	179
KADUGLI																												—	187
South Sudan																													
MALAKÂL											01	8	28	3	0	3	Cu	7.0	-3.8	27.1	36	+1	23	+2	70	0	75	65	176
WÂU											02	—	20	1	0	4	—	7.1	-2.7	25.5	36	+1	21	+1	79	0	82	102	177
JUBA											01	8	24	3	0	3	Cu	9.3	-1.7	24.8	35	0	20	0	76	1	95	76	178

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

UPPER WINDS ON 26th — الرياح العليا يوم ٢٦

SALÛM 7 h.	MATRÛH 10 h.	[illegible] 7 h.	[illegible] 5 h.	HELWÂN 3 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 5 h.	KHARTÛM 8 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKÂL	JÛBA 6 h.	GENEINA 6 h.
02.04.05	02 36 05	02 05 10	02 33 25	02 21 05	02 27 25	02 [illegible] 13	03.01.15	06 02 25	06.10.15	06 11 15	07.28.05		06 17 40	10 05 20
05.16 —	05 35 10	05 06 05	05 03 40	05 04 25	05 36 30	05 06 15	06.08.20	10 03 40	10.08.25	10 14 10	10.04.05		10 — —	15 08 55
06.20.[illegible]	10 26 15	10 33 15	10 04 30	06 03 40	10 35 15	10 10 20	10.07.30		15.05.30	15 16 25	15.09.05		15 14 45	20 07 60
10.24.15	15 26 20	15 32 20	15 01 10	10 03 25	15 36 35	15 10 35	15.01.25		20.05.15	20 14 10	20.08.10		20 15 50	30 08 25
15.24.30	18 32 30	20 32 30		15 03 45	20 36 05	20 10 20	20.06.20		25.04.20	30 05 05	30.08.15		30 10 50	40 01 30
20.25.30		25 27 15		20 10 05	25 17 15		30.09.15		30.05.10	40 07 10	40.07.15		40 19 45	
25.25.30		27 23 25		23 21 10	30 10 30		40.17.20		40.17.15	50 14 15	46.07.10		46 20 30	
30.28.40				25 23 35			50.15.16		50.07.10	60 17 25				
35.30.40				30 24 60			52.15.20		57 08.10	64 13 15				
36.01.40														

Forecast for 24 hours from noon on 26

On the coast variable winds, becoming moderate south to west.
Inland moderate northeast winds.
Clear or occasional high cloud.
Possibly showers on the coast in the west tomorrow.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦

رياح متقلبة الاتجاه على الساحل تهب فيما بعد ما بين الجنوب والغرب تميل معتدلة . ورياح شمالية شرقية معتدلة في الداخل . السماء صحو أو غائمة أحيانا بسحاب عال
ويحتمل سقوط أمطار على الساحل غدا ولا 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	63	-4	21.6	+3.1
Ezbekîya	70	+4	20.5	+2.0
Gîza	75	+6	20.2	+1.8
Helwân	56	+1	19.5	+3.1

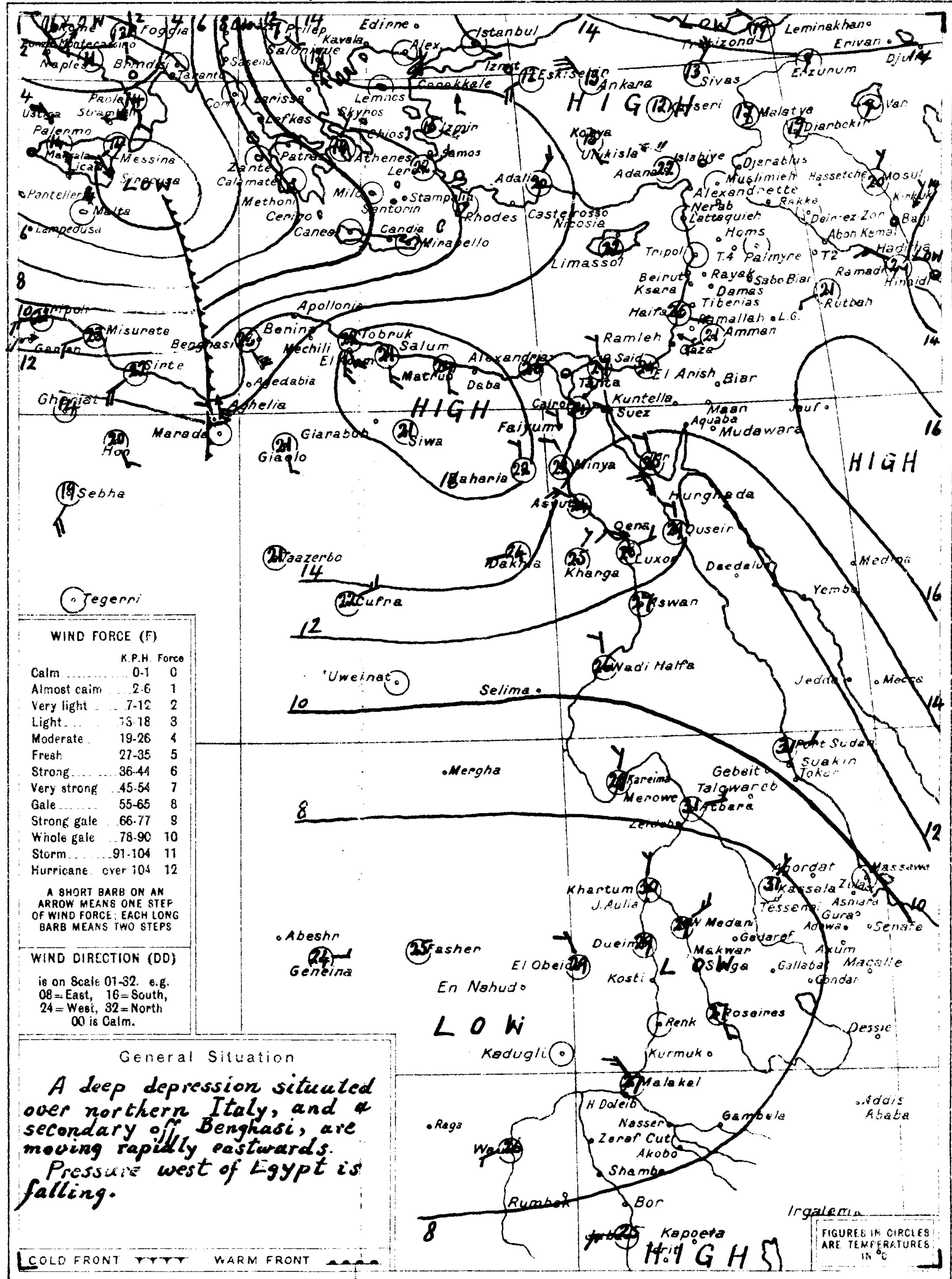
Gîza Grass minimum on 26th 11.0 °C

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

DATE	1939	1938
26-10	2110	6083
25-10	2296	6236

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25-10	13.15	-0.54	13.20	-0.48
Nâşşer	25-10	10.56	-0.02	10.56	-0.02
Malakâl	26-10	12.24	-0.08	12.24	-0.08
Roseires	26-10	16.46	+1.26	16.82	+1.55
Sennâr Res.	25-10	17.20	—	17.20	—
J. Aulia U.S	25-10	375.76	—	375.76	—
J. Aulia D.S	25-10	373.56	0.00	373.41	-0.21
Khartûm	25-10	13.80	+0.38	13.64	+0.12
Kh. el Girba	25-10	11.76	+0.44	11.80	+0.45
'Atbara	25-10	12.54	-0.06	12.32	-0.33
Kajnarti	25-10	136.97	-1.55	137.01	-1.55
Aswân Res.	25-10	111.75	—	111.26	—
Aswân D.S.	25-10	87.53	-2.14	87.73	-2.10
Rôda (Cairo)	25-10	17.01	-1.53	17.03	-1.54

Isobars, Wind and Temperature at 8 h. 26-10-39. — ٢٦-١٠-٣٩



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 situated over northern Italy, and a secondary off Benghasi, are moving rapidly eastwards.
Pressure west of 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 26th — الساعة ٨ يوم ٢٦

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	Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	7	00	0	0	0	—	14.3	-1.3	22	—	—	—	—	—	0	10	19
Haifa	00	—	10	1	—	0	—	15.6	+0.9	24.6	29	+1	20	+4	32	0	dr	14
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	20-22
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-31
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" with Rain	91
" with Hail	94, 96
" with Duststorm	98
" Heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 05 m
" " Sunset 17 h 13 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month OCTOBER 1939 ١٩٣٩ شهر اكتوبر

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

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	Max Diff. from norm	Min Today mm	Min Diff. from norm	% Humidity UU	Rain Past 24 hrs	Rain Total from Oct 1	Rain Normal from Oct 1	Station Number
Mediterranean	SALUM	02	8	18	5	2	5	As	11.9	31.9	22	02	7	18	4	1	4	As	13.5	-4.3	24.3	32	—	21	—	33	0	dr	—	130
	MATRUH	00	8	08	3	0	1	Cu	14.6	30.0	47	03	7	16	2	2	6	Cu	14.4	-2.6	25.0	31	+6	19	+2	—	0	tr	13	131
	DIKHE'LA	01	8	32	2	0	2	Cs	15.8	25.7	77	05	6	12	2	4	7	Cs	15.6	—	19.7	26	—	17	—	91	0	dr	—	150
	ALEXANDRIA	00	9	04	1	0	0	—	14.4	28.0	63	40	1	12	1	4	8	St	14.3	-3.0	21.1	29	+2	20	+1	91	0	tr	5	132
	DAMIETTA											02	8	04	1	2	5	Cc	15.1	—	25.9	28	—	21	—	76	0	dr	6	159
	PORT SAID	00	8	04	2	0	0	—	14.8	28.8	66	02	7	02	2	1	4	Ac	14.2	-1.0	26.0	30	+3	22	+2	82	0	dr	3	134
	EL 'ARISH	00	7	28	1	0	0	—	14.2	26.7	65	02	7	00	0	1	4	Sc	14.4	—	21.5	30	—	17	—	82	0	dr	3	135
Lower Egypt	DAMANHUR											02	7	10	3	2	5	Cs	15.1	-2.3	21.2	32	+3	17	+2	90	0	dr	4	136
	MANSURA											01	7	08	1	1	3	Sc	15.1	—	22.5	32	+3	19	+3	87	0	dr	3	137
	TANTA	00	7	04	2	0	0	—	14.3	31.0	48	02	7	00	0	1	5	As	15.0	-2.6	23.0	32	+3	16	+1	83	0	dr	3	138
	ZAGAZIG	00	7	02	1	0	0	—	13.8	31.8	49	00	6	04	3	0	1	Cu	14.6	—	24.4	32	+3	18	+3	85	0	dr	2	139
Middle Egypt — Cairo	ALMAZA	00	8	02	5	0	0	—	14.4	30.9	48	02	8	02	2	1	5	Cs	14.3	—	23.0	31	—	19	—	52	0	1	—	141
	EZBEKIYA	00	7	02	4	0	0	—	13.5	31.1	38	03	7	02	2	2	6	Ci	13.9	-2.7	22.3	33	+4	18	+2	71	0	dr	2	—
	GIZA	00	7	02	4	0	0	—	13.5	31.0	41	03	7	02	2	2	6	Ci	13.8	-2.7	20.4	32	+4	16	+2	81	0	dr	3	—
	HELWAN	00	8	02	4	0	0	—	13.0	31.8	23	02	6	08	1	2	5	Ci	13.4	-3.4	22.1	32	+4	21	+4	64	0	tr	1	143
	SUEZ	00	9	32	3	0	0	—	13.3	30.8	35	01	8	30	1	1	4	As	15.1	-0.6	24.3	32	+3	20	+2	65	0	dr	2	144
Upper Egypt	FAIYUM	00	8	32	5	0	0	—	12.4	33.0	25	02	7	00	0	0	4	Cu	13.3	-2.9	25.5	34	+5	17	+2	48	0	0		153
	MINYA	00	8	32	3	0	0	—	10.7	33.3	30	01	6	30	1	1	3	Ci	12.8	-3.9	23.0	33	+5	18	+2	65	0	dr	—	154
	ASYUT	00	7	22	2	0	0	—	10.6	32.0	60	01	7	22	3	1	3	As	12.7	-2.9	24.0	33	+4	19	+3	54	0	0	0	155
	QENA	00	8	22	2	0	0	—	10.0	34.4	47	00	8	06	2	0	0	—	12.4	-2.3	27.1	37	+4	21	+5	44	0	1	—	156
	LUXOR	00	9	02	2	0	0	—	9.6	37.5	25	00	9	06	2	0	0	—	12.6	—	28.5	40	—	21	—	55	0	3	—	157
	ASWAN	00	7	18	1	0	0	—	7.0	44.0	14	00	7	02	1	0	0	—	11.8	-2.3	29.5	41	+6	22	+3	32	0	dr	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	14.0	34.0	47	00	8	00	0	0	0	—	14.6	-2.5	20.0	35	+5	15	+1	59	0	0	0	148
	BAHARIYA	00	9	02	3	0	0	—	13.9	31.9	23	00	9	00	0	0	0	—	14.7	—	21.0	33	—	15	—	65	0	0	—	149
	KHARGA	00	8	04	1	0	0	—	9.3	34.7	38	00	8	32	1	0	0	—	11.9	-3.4	25.0	36	+4	19	+3	53	0	0	0	151
	DAKHLA	00	8	04	3	0	0	—	11.5	34.0	29	00	7	00	0	0	0	—	13.9	-2.5	22.0	36	+4	16	0	47	0	0	—	152
Red Sea	TOR	00	6	28	5	0	1	Cu	10.4	28.5	77	00	6	32	2	0	1	Ci	12.4	-2.2	25.2	29	+1	18	+1	69	0	10	0	145
	HURGHADA	00	9	32	3	0	0	—	11.0	31.2	51	00	9	30	3	0	0	—	12.3	-2.4	27.4	31	+2	19	+1	57	0	1	—	146
	QUSEIR	00	7	02	3	0	0	—	11.2	29.2	65	00	7	32	2	0	0	—	12.7	-1.8	29.8	31	+1	24	+2	47	0	2	0	147
	PORT SUDAN											40	—	02	2	4	9	—	11.5	-1.0	31.0	35	+2	28	+4	69	0	4	8	169
North Sudan	WADI HALFA											00	8	32	2	0	1	Ac	9.9	-4.2	27.0	40	+5	21	+3	31	—	—	—	165
	KAREIMA											01	7	06	3	0	2	Ci	8.7	-3.1	28.8	40	+1	26	+5	41	0	dr	1	166
	ATBARA											00	—	08	2	0	0	—	8.3	-2.3	31.0	40	+2	24	+2	31	0	1	1	167
	KHARTUM											01	8	08	2	1	4	Ci	6.7	-2.8	31.2	42	+3	25	+2	42	0	24	4	168
	KASSALA											00	8	08	1	0	0	—	5.5	-4.2	31.2	40	+2	24	+1	48	0	7	9	170
Central Sudan	WAD MEDANI											00	—	08	2	0	0	—	6.4	-3.1	29.4	40	+2	22	0	37	0	44	10	171
	DUEIM											00	—	—	—	0	0	—	6.4	-3.2	32.4	42	+4	26	+4	40	0	17	10	173
	RENK																			—			—		—				—	182
	ROSEIRES											00	—	14	1	1	0	—	6.8	-3.1	28.4	38	+1	21	+2	61	0	70	26	172
	EL OBEID											00	8	30	1	1	1	Ac	7.1	-4.4	28.2	38	+2	23	+4	27	0	20	16	174
	EL FASHER											01	8	00	0	1	3	Ac,Ci	—	—	23.5	37	+1	17	+1	41	0	4	7	175
	GENEINA											00	8	08	2	0	1	Ac	—	—	23.2	39	—	16	—	38	0	19	—	179
	KADUGLI																												—	187
S. Sudan	MALAKAL											01	8	30	2	1	4	Ac,Ci	6.6	-4.2	26.0	37	+2	23	+2	74	0	75	67	176
	WAU											02	—	24	1	0	4	—	6.1	-3.7	26.0	33	-2	22	+2	72	0	82	107	177
	JUBA											01	8	00	0	1	4	Ac,Cu	8.3	-2.7	25.6	35	0	22	+2	76	0	95	79	178

UPPER WINDS ON 27th الرياح العليا يوم ٢٧

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

SALUM	MATRUH	ABUKIR	CAIRO	HELWAN	RAMLEH	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	GENEINA
7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	4 h. m.	4 h. m.	5 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.
02.23.35	03.30.30	05.07.10	05.08.45	05.07.40	05.06.05	10.34.10	03.07.15	06.07.40	06.08.35	06.08.15	07.01.30	06.27.15	06 28 10	10.15.45
05.21.—	05.29.20	10.04.15	10.07.30	10.09.20	10.01.05	15.29.15	06.10.30	10.06.45	10.09.30	10.10.15	10.03.40	10.34.05	10 25 25	15.06.60
10.21.25	10.28.15	15.11.15	15.09.30	15.30.05	15.25.10	20.26.40	10.10.25	15.06.35	15.10.20	15.11.15	15.04.25	15.09.15	15 20 35	20.07.70
15.24.20	15.27.15	20.13.20	20.23.25	20.11.50	20.25.25	30.25.55	15.08.15	20.03.10	20.11.10	20.10.10	20.06.10	20.05.30	20 20 45	30.09.50
20.22.30	20.28.10	30.29.10	30.22.60	30.21.55	30.25.55	40.25.55	20.09.15	30.02.15	25.04.10	30.03.15	30.09.05	30.08.35	30 17 25	40.13.25
25.23.40		40.30.30	40.24.70	40.25.50	40.25.55	50.26.40	30.07.15	33.02.15	30.01.10	40.35.05		40.08.30	40 15 30	49.14.20
30.25.40									34.35.05	50.10.15		50.10.25		
35.24.30										60.13.20				
36.23.40										64.12.25				

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 °C on 26th	Diff. from normal
Alexandria	75	+8	21.9	+3.5
Ezbekiya	63	-3	19.8	+1.4
Giza	66	-3	19.8	+1.5
Helwan	45	-10	18.3	+2.0

Giza Grass minimum on 27th 7.8 °C

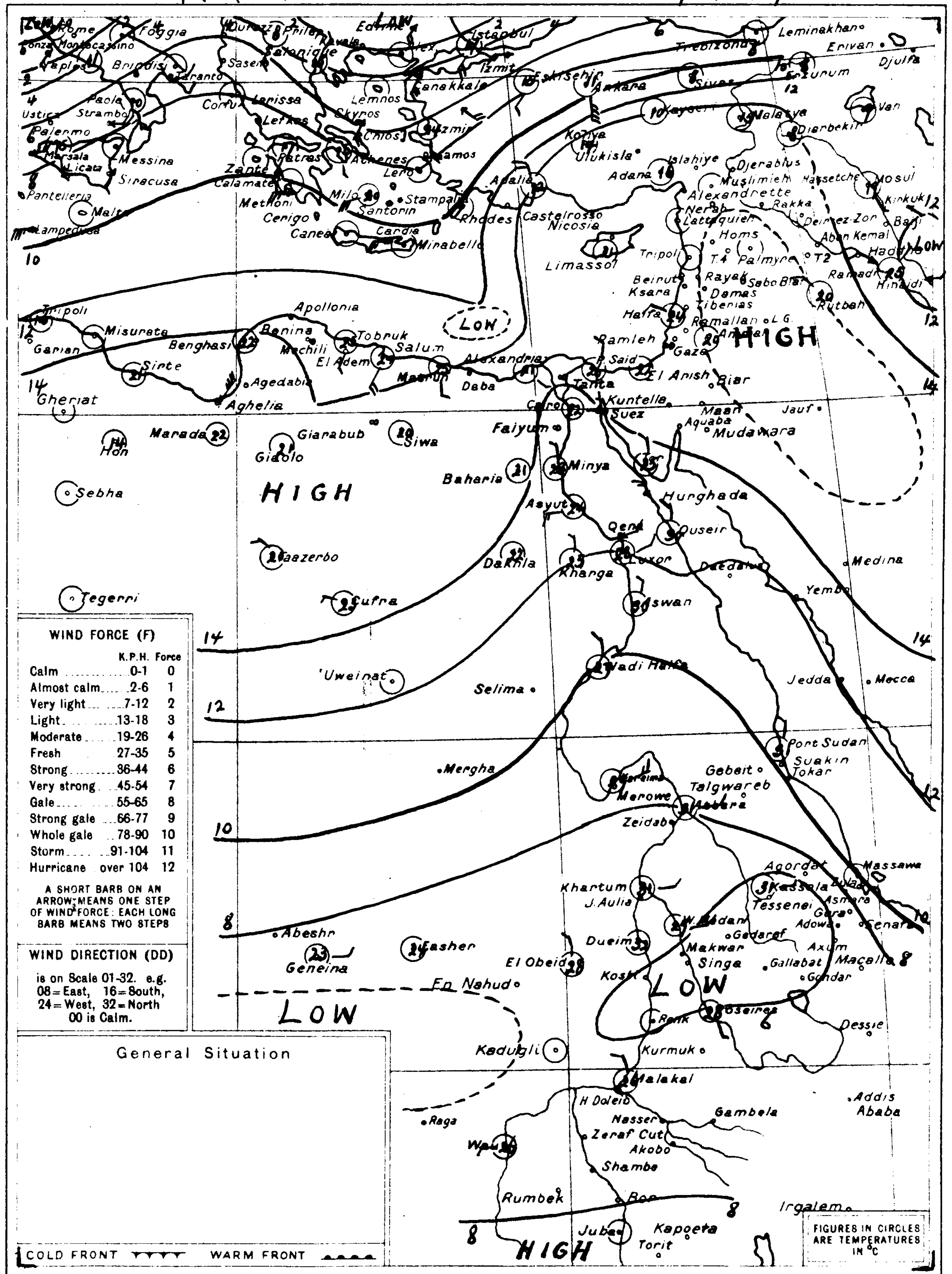
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
27-10	1851	5609
26-10	1943	5857

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	25-10	13.15	-0.54	13.20	-0.48
Nasser	25-10	10.56	-0.02	10.56	-0.02
Malakal	26-10	12.24	-0.08	12.24	-0.08
Roseires	26-10	16.46	+1.26	16.82	+1.55
Sennar Res.	27-10	17.20	—	17.20	—
J. Aulia U.S	25-10	375.76	—	375.76	—
J. Aulia D.S	25-10	373.56	0.00	373.41	-0.21
Khartum	25-10	13.80	+0.38	13.64	+0.12
Kh. el Girba	25-10	11.76	+0.44	11.80	+0.45
Atbara	25-10	12.54	-0.06	12.32	-0.33
Kajnarti	25-10	136.91	-1.55	137.01	-1.55
Aswan Res.	27-10	112.78	—	112.27	—
Aswan D.S.	27-10	87.17	-2.24	87.33	-2.22
Roda (Cairo)	25-10	17.01	-1.83	17.03	-1.54

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

٢٧_١٠_٣٩ Isobars, Wind and Temperature at 8 h. 27-10-39



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

At 8 h. on 27th الساعة ٨ يوم ٢٧

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	Total from Oct 1	Normal from Oct 1
Limassol	03	6	00	0	2	8	—	14.3	-1.5	21	—	—	—	—	—	0	10	69
Haifa	00	—	26	2	—	0	—	15.5	+0.8	24.2	28	0	18	+2	40	0	dr	14
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 06 m
Time of Sunset 17 h 12 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

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

Region	Station	14h ww	14h V	14h Wind DD	14h Wind F	14h Past Weather W	14h Cloud N	14h Cloud C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h ww	8h V	8h Wind DD	8h Wind F	8h Past Weather W	8h Cloud N	8h Cloud 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	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM	02	8	04	4	1	5	As	12.6	26.2	46	01	7	18	6	0	3	As	14.3	-3.5	23.0	33	—	21	—	35	0	dr	—	130
	MATRUH	01	7	28	2	0	2	Cu	13.0	32.0	38	00	8	18	2	0	1	Cu	14.4	-2.6	24.5	35	+10	21	+4	74	0	tr	13	131
	DIKHEILA	01	8	32	2	1	4	Ci	14.7	26.0	76	01	7	00	0	4	2	Ci	16.3	—	24.0	29	—	—	—	83	0	dr	—	150
	ALEXANDRIA	02	9	04	1	2	5	Ac	13.8	27.7	67	01	9	00	0	2	3	Ac	15.8	-1.5	28.1	31	+4	20	+1	74	0	tr	5	132
	DAMIETTA											02	8	08	2	2	4	Ci	15.0	—	25.9	28	—	22	—	77	0	dr	6	159
	PORT SAID	01	8	02	4	1	3	Cc	13.3	27.5	75	01	8	04	3	0	3	Cu	15.0	-0.3	27.2	29	+2	23	+4	75	0	dr	3	134
	EL 'ARISH	02	7	02	3	1	4	St	12.8	26.8	56	01	7	00	0	1	4	St	14.4	—	27.0	30	—	17	—	84	0	dr	3	135
Lower Egypt	DAMANHUR											01	7	04	2	1	2	Ci	15.8	-1.6	22.2	33	+4	18	+3	90	0	dr	4	136
	MANSURA											01	8	02	1	1	3	Cu	15.1	—	23.5	32	+3	20	+4	85	0	dr	3	137
	TANTA	02	7	04	3	1	5	As	14.2	31.0	42	00	7	00	0	0	0	—	15.2	-2.5	24.0	32	+3	15	0	87	0	dr	3	138
	ZAGAZIG	00	9	04	1	0	1	Cu	13.0	33.3	47	00	7	02	1	0	0	—	15.5	—	24.8	33	+5	17	+2	84	0	dr	2	139
Middle Egypt (Cairo)	ALMAZA	02	8	04	4	2	5	Ci	12.0	33.3	30	00	8	04	4	0	1	Cs	15.1	—	24.5	34	—	18	—	51	0	1	—	141
	EZBEKIYA	03	8	02	3	2	6	Ci	11.4	34.1	22	01	5	02	2	0	2	Ci	14.6	-2.0	20.7	35	+7	18	+2	83	0	dr	2	—
	GIZA	03	8	02	3	2	6	Ci	11.4	33.5	28	01	6	30	2	0	2	Cc	14.7	-1.8	20.0	34	+6	17	+3	90	0	dr	3	—
	HELWAN	03	8	02	4	2	6	Ci	10.8	34.0	15	05	6	00	0	0	1	Ac	14.4	-2.5	21.5	36	+8	19	+2	68	0	tr	1	143
	SUEZ	02	9	00	0	1	5	As	11.2	34.2	26	01	8	28	2	1	3	As	13.8	-1.9	24.0	35	+6	20	+2	57	0	dr	2	144
Upper Egypt	FAIYUM	01	7	00	0	0	3	Cu	10.8	36.1	22	00	7	00	0	0	0	—	14.4	-1.9	24.7	39	+10	17	+2	63	0	0	0	153
	MINYA	01	8	30	1	1	4	Ci	10.3	33.1	35	00	7	32	1	0	0	—	14.3	-2.5	21.6	34	+6	18	+2	75	0	dr	—	154
	ASYUT	02	7	22	3	1	4	Ac	10.8	33.0	35	00	6	22	3	0	0	—	13.8	-1.9	23.3	35	+6	19	+3	65	0	0	0	155
	QENA	01	8	10	1	1	3	Sc	9.8	36.7	37	00	8	28	2	0	0	—	12.7	-2.1	24.4	37	+4	22	+6	57	0	1	—	156
	LUXOR	00	9	26	1	0	0	—	9.6	38.3	27	00	9	06	1	0	0	—	12.6	—	27.5	40	—	18	—	52	0	3	—	157
	ASWAN	00	7	26	2	0	0	—	7.9	39.2	20	00	7	32	1	0	0	—	12.3	-1.9	26.5	41	+7	23	+4	40	0	dr	—	158
Western Desert	SIWA	00	8	10	1	0	0	—	13.8	33.1	32	00	8	00	0	0	0	—	15.8	-1.4	20.1	35	+5	15	+1	63	0	0	0	148
	BAHARIYA	00	9	32	1	0	0	—	—	32.3	19	00	9	00	0	0	0	—	16.3	—	21.3	34	—	13	—	63	0	0	—	149
	KHARGA	00	8	04	2	0	0	—	8.7	36.7	29	00	8	04	1	0	0	—	12.8	-2.6	26.5	37	+5	19	+3	46	0	0	0	151
	DAKHLA	00	8	32	2	0	0	—	11.5	35.5	29	00	7	28	1	0	0	—	14.7	-1.7	19.0	36	+4	19	+3	54	0	0	—	152
Red Sea	TOR	00	6	28	2	3	0	—	10.3	30.2	73	00	5	08	2	0	0	—	12.7	-2.0	25.2	32	+4	18	+1	58	0	10	0	145
	HURGHADA											00	9	30	3	0	0	—	13.3	-1.5	27.7	32	+3	18	0	48	0	1	—	146
	QUSEIR	00	7	02	2	0	1	Ci	11.5	29.6	63	00	7	30	2	0	0	—	12.6	-1.9	29.9	31	+1	23	+1	41	0	2	0	147
	PORT SUDAN											02	—	32	2	1	4	—	13.0	+0.4	31.3	35	+3	27	+3	68	0	4	9	169
North Sudan	WADI HALFA											00	8	02	2	0	0	—	10.7	-3.5	27.0	40	+5	23	+5	37	—	—	—	165
	KAREIMA											00	7	02	3	0	0	—	9.5	-2.4	30.1	41	+3	27	+6	41	0	dr	1	166
	ATBARA											00	—	04	3	0	0	—	9.0	-1.7	29.0	41	+3	23	+1	39	0	1	1	167
	KHARTUM											00	7	02	2	0	0	—	7.2	-2.4	29.8	42	+3	25	+3	41	0	24	4	168
	KASSALA											01	8	10	2	0	2	Ac	5.6	-4.2	32.4	40	+2	26	+3	43	0	7	10	170
Central Sudan	WAD MEDANI											00	—	10	1	0	0	—	6.8	-2.8	28.0	40	+2	22	0	43	dr	44	10	171
	DUEIM											00	—	—	—	0	0	—	7.2	-2.5	31.6	41	+3	25	+4	42	0	17	10	173
	RENK																												—	182
	ROSEIRES											00	—	14	1	0	0	—	7.4	-2.5	27.8	38	+1	21	+2	64	0	70	27	172
	EL OBEID											01	8	18	1	1	4	Ac,Ci	6.8	-4.7	29.0	39	+3	24	+5	46	0	26	17	174
	EL FASHER											01	8	32	1	0	2	Cs,Ac	—	—	24.3	38	+2	18	+2	34	0	4	7	175
	GENEINA											01	8	32	2	1	3	Ac	—	—	21.0	39	—	15	—	49	0	19	—	179
	KADUGLI																												—	187
S. Sudan	MALAKAL											03	8	20	3	1	7	As	8.8	-2.0	26.6	35	0	23	+2	79	0	75	70	176
	WAU											03	—	12	2	6	7	—	8.7	-1.1	22.7	36	+1	21	+1	90	2	84	111	177
	JUBA											03	8	00	0	1	8	Ac,As	10.5	-0.5	23.8	34	-1	21	+1	83	0	95	82	178

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

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

SALUM 7 h.	MATRUH 7 h.	MINYA 8 h.	P. SAID 9 h.	HELWAN 9 h.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	Fasher 6 h.
02.21.40	02.34.30	02.36.10	02.06.20	02.27.05	02.28.30	02.04.10	03.03.20	06.07.25	06.05.15	06.10.20	07.23.15	06.17.40	06.02.20	09.03.25
05.20.60	05.36.30	05.28.15	05.06.15	05.10.16	05.33.20	05.04.15	06.07.20	10.06.45	10.08.35	10.11.25	10.10.05	10.18.40	10.09.15	10.04.45
10.25.25	10.36.40	10.30.15	10.07.25	08.06.05	10.33.20	10.10.25	10.10.25	15.05.35	15.07.25	15.13.05	15.07.30	15.20.20	15.19.40	15.06.65
15.26.25	15.30.30	15.33.10	13.07.30	10.33.05	15.28.15	15.07.35	15.06.30	20.06.20	20.05.25	20.13.05	20.06.35	20.10.05	20.20.30	20.06.45
20.26.35	20.02.25	20.29.10		15.25.05		20.09.30	20.05.35	23.05.15	30.04.15	30.27.00	30.06.25		30.19.35	30.08.25
25.24.35		25.24.20		20.32.10		25.12.35			33.03.15	40.11.15	35.07.25		46.21.15	40.12.15
26.25.25		30.30.15		23.31.00						50.07.25			50.22.25	44.14.10
		35.24.15		25.24.00						60.08.20				
		40.31.15		30.32.10						64.07.15				
		45.29.25		35.27.20										

Forecast for 24 hours from noon on 28th

On the coast light winds becoming moderate southwest to west.
Inland light variable winds chiefly northeasterly, becoming northwesterly later.
Occasional high cloud at first; some medium cloud tomorrow.
Slightly cooler tomorrow, but temperature remaining much above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٨
على الساحل رياح خفيفة تتحول إلى جنوبية غربية أو غربية معتدلة
وفي الداخل رياح خفيفة مختلفة الاتجاه أكثرها شمالية شرقية ثم تصير شمالية غربية فيما بعد
تظهر بعض السحب العالية أولا ثم السحاب المتوسط الارتفاع باكرا
تهبط درجة الحرارة قليلا باكرا وتكون مستمرة فوق المعدل كثيرا

Station	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp °C on 27th	Diff. from normal
Alexandria	86	+19	21.8	+3.6
Ezbekiya	64	-2	20.0	+1.7
Giza	68	-1	20.1	+1.9
Helwan	55	0	18.6	+2.4

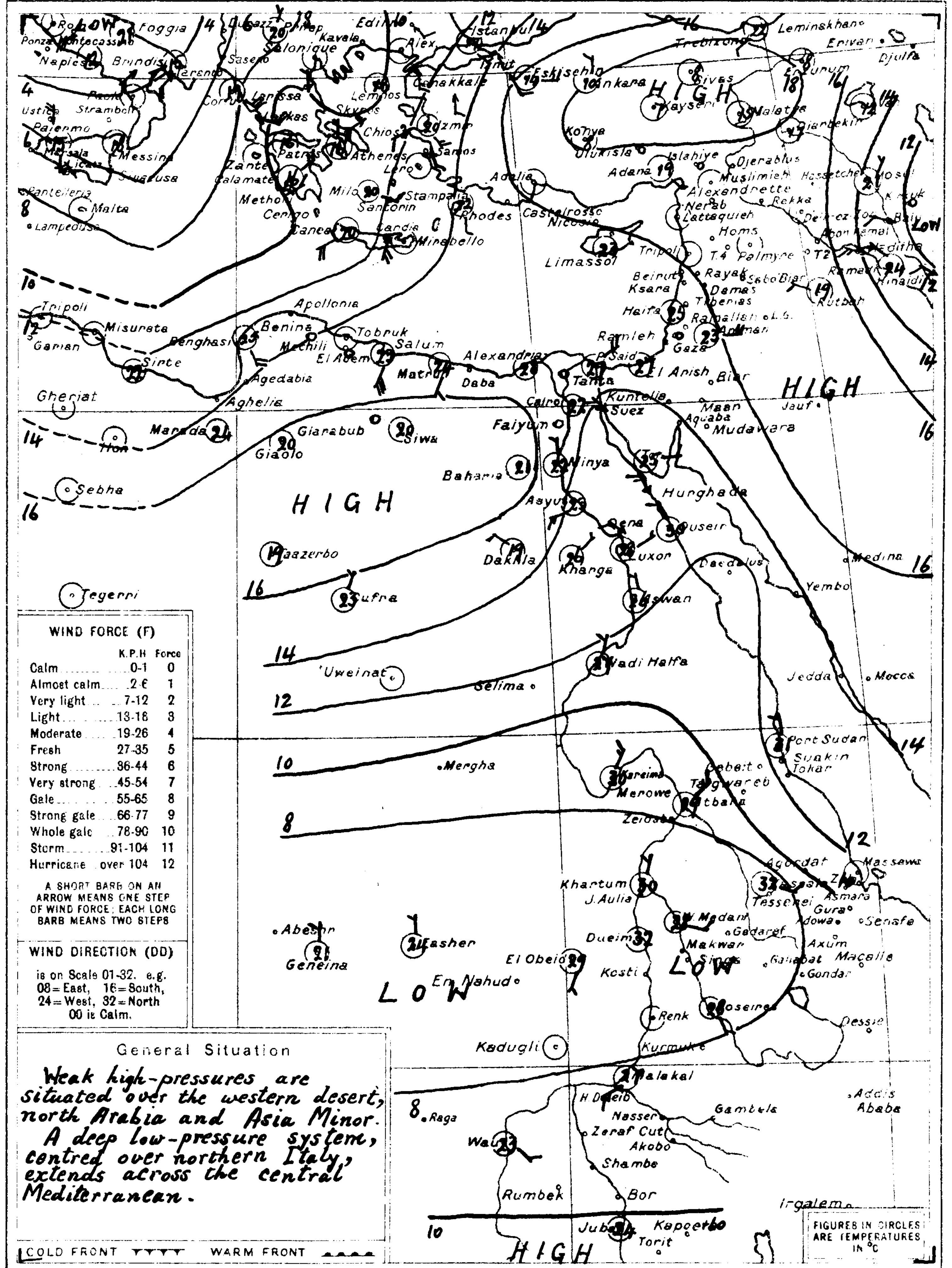
Giza Grass minimum on 28th 11.0 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
27-10	1851	5609
26-10	1943	5857

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-10	13.10	-0.61	13.10	-0.60
Nasser	27-10	10.56	-0.02	10.56	-0.02
Malakal	28-10	12.24	-0.08	12.24	-0.08
Roseires	28-10	16.00	+0.95	16.20	+1.07
Sennar Res.	27-10	17.20	—	17.20	—
J. Aulia U.S.	27-10	375.70	—	375.74	—
J. Aulia D.S.	27-10	373.82	+0.38	373.72	+0.22
Khartum	27-10	13.96	+0.66	13.95	+0.59
Kh. el Girba	27-10	11.68	+0.42	11.70	+0.40
Atbara	27-10	12.82	+0.34	12.72	+0.19
Kajnarti	27-10	136.82	-1.42	136.87	-1.48
Aswan Res.	27-10	112.78	—	112.27	—
Aswan D.S.	27-10	87.19	-2.24	87.33	-2.22
Roda (Cairo)	26-10	17.05	-1.44	17.01	-1.53

Isobars, Wind and Temperature at 8 h. 28-10-39. ٢٨-١٠-٢٩



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

Weak high-pressures are situated over the western desert, north Arabia and Asia Minor.
A deep low-pressure system, centred over northern Italy, extends across the central Mediterranean.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 28th — الساعة ٨ يوم ٢٨

Station	ww	V	Wind DD	Wind F	Past Weather W	Cloud N	Cloud 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	6	00	0	2	8	—	15.6	-0.2	23	—	—	—	—	—	0	10	20
Haifa	01	—	00	0	—	3	—	15.5	+0.7	25.4	28	0	19	+3	48	0	dr.	15
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 39
Fog or Thick Haze	40 49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68 69
Snow	70 79
Showers	80 89
,, of Snow	82 84
,, of Sleet	85 86
,, of Hail	88 89
Thunderstorm	90 99
,, under heavy Rain	91
,, with Hail	94 96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. 07
" " Sunset 17 11

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

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

At 14 h. on 28th الساعة ١٤ يوم ٢٨ | At 8 h. on SUNDAY 29th الساعة ٨ يوم الأحد 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. 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	00	8	20	4	0	1	As	13.0	32.5	19	02	6	30	4	2	5	As	15.8	-2.1	20.5	33	—	19	—	45	0	dr	—	130
MATRUH	00	8	04	2	0	0	—	13.6	31.0	47	00	8	18	3	0	0	—	14.2	-2.8	25.0	35	+10	19	+3	68	0	tr	14	131
DIKHEILA	01	8	32	2	0	3	Ci	15.0	25.9	78	40	1	14	3	4	9	—	16.3	—	19.5	28	—	17	—	95	0	dr	—	150
ALEXANDRIA	02	9	04	2	2	4	Ac	14.2	28.8	65	40	0	12	2	4	9	—	15.8	-1.5	19.2	30	+3	18	-1	99	0	tr	5	132
DAMIETTA											00	7	00	0	0	0	—	15.1	—	5.0	27	—	20	—	84	0	dr	6	159
PORT SAID	01	8	04	2	1	3	Cu	15.1	28.6	69	00	8	04	2	0	0	—	—	—	27.8	30	+3	22	+3	70	0	dr	3	134
EL ARISH	02	7	28	1	1	4	Ac	13.9	26.5	73	00	7	00	0	0	0	—	14.3	—	26.5	29	—	15	—	46	0	dr	4	135
DAMANHUR											40	1	12	2	4	9	—	15.9	-1.6	19.8	32	+3	18	+3	100	0	dr	5	136
MANSURA											08	4	04	1	0	0	—	15.6	—	22.0	31	+2	18	+2	91	0	dr	3	137
TANTA	00	7	02	2	0	0	—	13.3	31.5	48	00	7	00	0	0	0	—	16.3	-1.4	24.0	32	+3	17	+2	83	0	dr	3	138
ZAGAZIG	00	8	30	1	0	0	—	13.4	31.9	63	08	4	30	1	4	9	—	16.6	—	22.4	32	+4	19	+4	98	0	dr	2	139
CAIRO ALMAZA	00	8	02	3	0	1	Ci	13.3	32.2	43	40	1	02	1	4	9	—	16.0	—	20.0	32	—	19	—	98	0	1	—	141
CAIRO EZBEKIYA	01	8	02	2	0	2	Ci	12.6	32.9	33	40	3	02	1	4	3	St	15.8	-0.9	20.8	34	+6	19	+3	93	0	dr	2	—
CAIRO GIZA	01	8	02	2	0	2	Ci	12.6	33.1	41	08	4	30	1	4	5	St	15.8	-0.8	21.0	33	+5	19	+5	94	0	dr	3	—
HELWAN	01	7	32	4	0	2	Ci	11.8	33.0	21	09	4	02	2	0	0	—	15.6	-1.4	22.4	34	+6	19	+3	79	0	tr	1	143
SUEZ	01	9	32	2	0	3	As	12.0	33.9	28	01	8	28	2	1	3	Cu	15.2	-0.5	23.2	34	+5	21	+3	81	0	dr	2	144
FAIYUM	00	8	02	1	0	0	—	12.2	34.4	33	00	8	32	2	0	0	—	15.4	-1.0	23.0	38	+9	19	+4	77	0	0	0	153
MINYA	00	9	02	2	0	0	—	11.6	31.5	36	03	8	32	3	2	8	As	14.8	-2.1	20.0	32	+4	17	+6	93	0	dr	—	154
ASYUT	00	7	22	3	0	0	—	11.8	32.5	31	00	6	22	2	0	0	—	14.7	-1.1	22.2	33	+5	17	+1	72	0	0	0	155
QENA	00	8	26	2	0	0	—	9.9	35.2	46	00	8	26	2	0	0	—	13.0	-1.9	24.2	37	+4	21	+5	65	0	1	—	156
LUXOR	00	7	30	1	0	0	—	10.7	37.8	34	00	9	06	1	0	0	—	13.4	—	26.8	40	—	17	—	50	0	3	—	157
ASWAN	00	7	28	1	0	0	—	7.9	39.6	18	00	7	00	0	0	0	—	12.6	-1.6	26.2	40	+6	23	+4	41	0	dr	—	158
SIWA	00	8	00	0	0	0	—	15.9	34.0	45																	0	0	148
BAHARIYA	00	9	30	1	0	0	—	15.0	31.8	22	00	9	32	1	0	0	—	15.0	—	21.6	33	—	14	—	75	0	0	—	149
KHARGA	00	8	04	1	0	0	—	9.6	38.4	26	00	8	00	0	0	0	—	12.8	-2.7	22.7	38	+6	20	+4	39	0	0	0	151
DAKHLA	00	8	30	3	0	0	—	12.8	34.0	24	00	7	28	2	0	0	—	15.4	-1.1	20.5	35	+4	17	+2	56	0	0	—	152
TOR	00	7	28	2	0	1	Ci	10.3	30.0	75	00	6	32	3	0	0	—	12.6	-2.2	24.0	32	+4	17	+1	53	0	10	0	145
HURGHADA	00	9	02	2	0	0	—	10.7	31.8	50	00	9	30	3	0	0	—	12.4	-2.5	27.7	33	+4	19	+1	48	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	11.5	29.4	68	00	7	30	2	0	0	—	12.4	-2.2	29.4	32	+2	24	+2	38	0	2	0	147
PORT SUDAN											03	—	04	2	1	7	—	11.2	-1.4	31.0	35	+3	27	+3	67	0	4	9	169
WADI HALFA											00	8	32	2	0	0	—	11.7	-2.6	26.2	41	+7	21	+4	24	—		—	165
KAREIMA											00	7	06	3	0	0	—	10.0	-2.0	29.6	39	+1	25	+4	36	0	dr	1	166
ATBARA											00	—	08	4	0	0	—	9.0	-1.8	29.7	40	+2	23	+1	38	0	1	1	167
KHARTUM											05	6	04	2	0	1	Ci	7.4	-2.3	29.2	43	+4	24	+2	40	0	24	5	168
KASSALA											00	8	12	1	0	0	—	6.8	-3.0	31.2	41	+3	24	+1	48	0	7	10	170
WAD MEDANI											00	—	20	3	0	0	—	6.7	-2.9	27.0	40	+2	20	-2	50	0	44	11	171
DUEIM											00	—	—	—	0	0	—	7.9	-1.8	28.2	41	+3	24	+3	49	0	17	11	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	7.4	-2.5	27.4	37	0	20	+1	66	0	70	28	172
EL OBEID											01	8	20	1	1	4	Ac,Ci	7.3	-4.3	26.6	38	+2	23	+4	56	0	20	17	174
EL FASHER											01	8	04	1	1	4	Ci	—	—	25.3	38	+2	20	+4	62	0	4	7	175
GENEINA											01	8	12	2	1	3	Ac	—	—	23.6	39	—	18	—	33	0	19	—	179
KADUGLI																												—	187
MALAKAL											01	8	14	3	1	4	Ac,Ci	8.6	-2.2	24.7	33	-2	20	-1	80	0	75	72	176
WAU											01	—	12	2	1	4	—	7.7	-2.1	24.0	34	-1	20	0	73	0	84	115	177
JUBA											02	8	30	2	1	5	Ci	8.8	-2.1	25.8	35	0	19	-1	69	0	95	85	178

UPPER WINDS ON 29th الرياح العليا يوم ٢٩

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

SALUM 7h	MATRUH 7h	DIKHEILA	CAIRO 08h00m	HELWAN 8h30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 6h	KHARTUM 3h	KASSALA 6h	EL OBEID 6h	MALAKAL 5h	JUBA 7h	P.SAID A.P. 9h
02.31.25	02.22.30		02.04.25	02.03.10	02.34.20	02.36.10	03.04.15	06.07.50	06.11.45	06.11.15	07.25.20	06.21.10	06.30.15	02.06.10
05.04.05	05.27.25		05.04.30	05.04.25	05.01.40	05.05.10	06.07.25	10.07.55	10.10.35	10.13.25	10.30.15	10.23.10	10.06.05	05.06.15
08.23.15	10.29.05		10.03.35	10.04.45	10.34.20	10.11.15	10.09.35	15.05.60	15.05.20	15.14.25	15.05.10	15.16.20	15.02.20	10.02.15
10.27.35			15.03.15	15.02.25	15.33.20	15.11.15	15.07.25	20.02.70	20.05.30	20.13.15	20.08.05	20.11.20	20.36.30	15.35.20
15.23.40				20.34.10	20.29.15	20.10.15	20.07.25	25.03.30		30.11.25	24.11.05	30.07.35	30.01.50	20.34.15
20.26.35				25.26.10	25.26.25		25.07.15	30.05.10		40.35.10		33.07.35	40.13.20	25.29.25
25.26.30				30.29.15				40.07.25		50.09.15			43.11.15	26.28.20
30.28.45				40.23.30				50.08.30		57.09.25				
31.28.45				45.24.30				60.09.45						
				50.25.40										

Forecast for 24 hours from noon on 29th

On the coast moderate westerly winds, becoming fresh northwest.
Inland moderate northeast to north winds.
Mainly clear today; occasional medium cloud tomorrow.
Slightly cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٩
على السواحل رياح غربية معتدلة ثم تصير شمالية غربية وتشتد نوعا
وفي الداخل رياح معتدلة بين شمالية شرقية وشمالية
السماء صحو على العموم اليوم وأحيانا بالليل ثم يظهر بعض السحاب المتوسط الارتفاع بكرة
تبرد درجة الحرارة قليلا بكرة

STATION	Mean of day Humidity % on 28th	Diff. from normal	Wet Bulb Temp °C on 28th	Diff. from normal
Alexandria	73	+6	22.4	+4.3
Ezbekiya	70	+4	20.3	+2.1
Giza	75	+6	21.4	+3.3
Helwan	60	+5	19.3	+3.2

Giza Grass minimum on 29th 11.0 °C

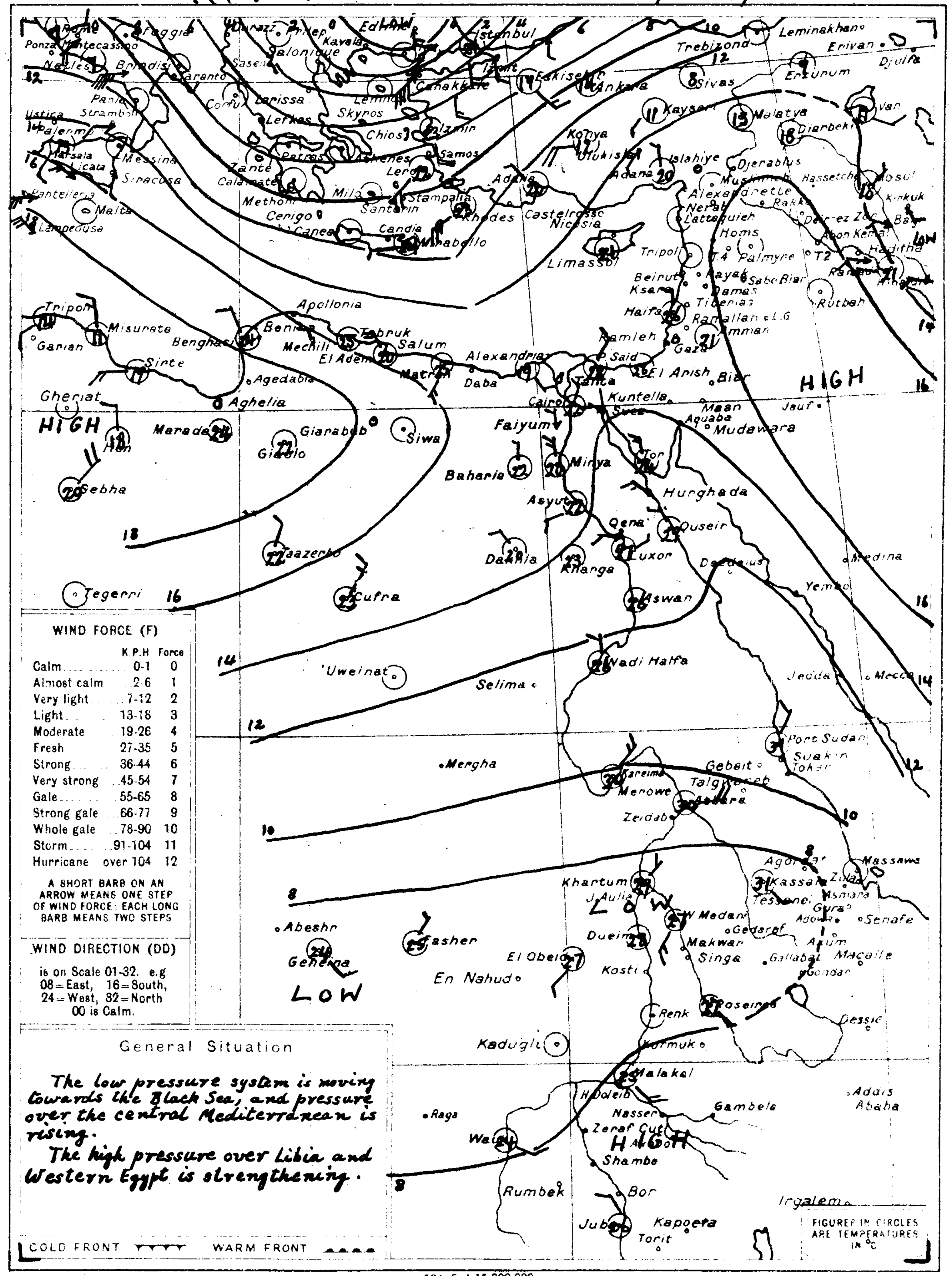
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
28-10	1852	5236
27-10	1851	5609

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	28-10	13.15	-0.57	13.10	-0.61
Nasser	28-10	10.56	-0.03	10.56	-0.02
Malakal	29-10	12.24	-0.08	12.24	-0.08
Roseires	29-10	15.83	+0.85	16.00	+0.95
Sennar Res.	28-10	17.30	—	17.20	—
J. Aulia U.S	28-10	375.71	—	375.70	—
J. Aulia D.S	28-10	373.79	+0.41	373.82	+0.38
Khartum	28-10	13.83	+0.61	13.96	+0.66
Kh. el Girba	28-10	11.46	+0.23	11.68	+0.42
Atbara	28-10	12.90	+0.53	12.82	+0.34
Kajnarti	28-10	136.80	-1.33	136.82	-1.42
Aswan Res.	28-10	113.24	—	112.78	—
Aswan D.S.	28-10	87.19	-2.11	87.19	-2.24
Roda (Cairo)	28-10	16.99	-1.36	17.03	-1.37

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

٢٩-١٠-٣٩ Isobars, Wind and Temperature at 8 h. 29-10-39.



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 towards the Black Sea, and pressure over the central Mediterranean is rising.
The high pressure over Libia and 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 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. 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	6	00	0	2	8	—	15.6	-0.3	21	—	—	—	—		0	10	21
Haifa	00	—	32	2	—	0	—	14.8	-0.1	26.2	30	+3	19	+3	38	0	dr	15

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
"	91
" with	96
" with Duststorm	98
" 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, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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 06 h 07 m
Time of Sunset 17 h 10 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

STATION	At 14 h. on 29th (الساعة ١٤ يوم ٢٩) Present weather ww	Visibility 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 MONDAY 30th (الساعة ٨ يوم الاثنين ٢٠) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station number
Mediterranean																													
SALUM	02	7	04	5	2	5	As	16.0	25.6	60	01	7	32	3	0	3	Cu	21.1	+3.2	19.8	28	—	17	—	74	0	dr	—	130
MATRUH	01	8	30	4	1	3	Cu	14.3	26.1	84	02	8	30	2	1	4	Cu	19.9	+2.8	24.9	31	+6	22	+6	70	0	tr	14	131
DIKHEILA	00	8	26	1	4	1	Ci	16.0	27.0	59	00	8	32	3	0	0	—	19.8	—	24.3	29	—	19	—	76	0	dr	—	150
ALEXANDRIA	01	9	24	1	4	3	Ac	15.2	28.1	60	00	9	32	2	0	0	—	19.8	+2.4	24.5	29	+2	19	+1	60	0	tr	6	132
DAMIETTA											00	8	32	2	1	0	—	—	—	24.6	31	—	21	—	69	0	dr	7	159
PORT SAÎD	00	8	04	2	0	0	—	14.8	29.5	67	00	8	28	3	0	0	—	19.1	+3.7	27.2	31	+4	23	+4	63	0	dr	3	134
EL 'ARÎSH	00	7	04	1	0	0	—	13.6	28.2	56	01	7	00	0	1	3	Cu	17.4	—	23.2	29	—	16	—	78	0	dr	4	135
Lower Egypt																													
DAMANHÛR											00	7	02	2	0	0	—	20.2	+2.6	23.8	33	+5	19	+4	75	0	dr	5	136
MANṢURA											00	8	32	2	0	0	—	19.4	—	23.3	32	+3	20	+4	73	0	dr	3	137
TANTA	00	8	00	0	0	0	—	14.2	32.0	38	00	8	00	0	0	0	—	19.9	+2.1	24.0	33	+4	17	+2	75	0	dr	3	138
ZAGÂZIG	00	9	30	1	4	0	—	14.4	32.6	33	00	8	30	1	0	0	—	20.0	—	25.9	34	+6	18	+3	79	0	dr	2	139
Middle Egypt																													
CAIRO ALMÂZA	00	8	02	3	4	0	—	14.3	32.0	37	05	6	06	3	1	4	Ac	19.5	—	22.0	33	—	18	—	81	0	1	—	141
CAIRO EZBEKIYA	00	7	32	2	4	0	—	13.9	33.5	27	01	6	04	2	0	3	Cc	19.2	+2.4	21.6	34	+6	19	+3	80	0	dr	2	—
CAIRO GÎZA	00	7	32	2	4	0	—	14.0	32.7	31	09	4	30	2	4	2	Sc	19.5	+2.8	20.7	33	+5	17	+3	88	0	dr	3	—
HELWÂN	00	7	32	3	0	0	—	13.4	32.8	13	05	6	32	3	1	3	Cu	19.1	+2.1	23.0	33	+5	19	+3	74	0	tr	1	143
SUEZ	00	9	32	2	0	0	—	13.5	31.2	32	01	8	32	2	1	3	As	18.7	+2.9	22.7	32	+3	18	0	77	0	dr	2	144
Upper Egypt																													
FAIYUM	00	8	06	1	0	0	—	11.8	34.2	30	01	7	32	4	0	3	Cu	19.0	+2.6	22.8	35	+6	18	+3	81	0	0	0	153
MINYA	00	7	32	2	2	0	—	12.6	30.2	41	00	9	02	3	0	0	—	17.4	+0.4	22.3	31	+3	18	+2	67	0	dr	—	154
ASYÛT	00	7	26	3	0	0	—	12.7	30.2	49	00	7	22	3	0	0	—	16.4	+0.5	22.0	31	+3	16	+1	62	0	0	0	155
QENA	00	8	26	2	0	0	—	10.8	34.0	42	00	8	26	2	0	0	—	15.2	+0.3	22.2	37	+4	19	+3	63	0	1	—	156
LUXOR	00	9	02	1	0	0	—	10.4	37.8	29	00	9	06	1	0	0	—	15.5	—	24.9	39	—	15	—	48	0	3	—	157
ASWÂN	00	7	30	1	0	0	—	8.7	39.2	20	00	7	02	1	0	0	—	14.0	-0.3	24.8	40	+6	22	+3	46	0	dr	—	158
Western Desert																													
SÎWA	00	8	28	1	0	0	—	16.0	33.0	44	00	8	06	1	0	0	—	21.9	+4.6	24.0	33	+4	15	+2	75	0	0	0	148
BAHARÎYA	00	9	02	1	0	0	—	16.0	31.5	28	01	9	32	3	1	4	—	20.2	—	20.8	33	—	17	—	93	0	0	—	149
KHÂRGA	00	8	32	3	0	0	—	12.4	33.2	29	00	8	32	1	0	0	—	16.2	+0.6	23.3	34	+2	15	-1	57	0	0	0	151
DÂKHLA	00	8	04	2	0	0	—	13.1	33.3	41	00	7	18	1	0	0	—	16.6	0.0	21.3	35	+4	19	+4	55	0	0	—	152
Red Sea																													
TÔR	00	7	28	4	0	0	—	11.1	28.5	81	00	6	32	3	0	1	Cu	15.4	+0.6	24.2	30	+3	17	+1	55	0	10	0	145
HURGHADA	00	9	32	3	0	0	—	10.8	30.7	51	00	9	30	3	0	0	—	15.0	0.0	27.5	31	+2	18	0	31	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	11.2	30.0	65	00	7	32	3	0	0	—	14.2	-0.4	28.8	32	+2	24	+2	35	0	2	0	147
PORT SUDAN																												9	169
North Sudan																													
WÂDI HALFA											00	8	32	3	0	1	Ac	12.9	-1.5	25.5	41	+7	21	+4	22	—		—	165
KAREIMA											01	7	02	2	0	2	Ac	11.3	-0.7	27.3	37	-1	24	+3	37	0	Tr	1	166
ATBARA											00	—	08	4	0	0	—	16.3	-0.6	30.0	39	+1	23	+1	36	0	1	1	167
KHARTÛM											01	7	04	3	0	2	Ci	8.0	-1.7	28.7	41	+2	25	+3	40	0	24	5	168
KASSALA											00	8	18	1	0	0	—	7.4	-2.4	28.8	39	+1	22	0	52	0	7	10	170
Central Sudan																													
WAD MEDANI											00	—	06	4	0	0	—	7.2	-2.5	28.5	39	+1	22	0	34	0	44	11	171
DUEIM											00	—	—	—	0	0	—	7.8	-2.0	28.2	41	+3	26	+5	71	0	17	11	173
RENK																												—	182
ROSEIRES											02	—	30	1	1	4	—	8.4	-1.5	26.2	38	+1	21	+2	73	0	70	29	172
EL OBEID											03	8	20	1	1	8	Cs	8.5	-3.1	27.4	38	+2	23	+4	69	0	20	18	174
EL FÂSHER											01	8	00	0	1	4	Cs, Ac	—	—	25.8	37	+1	19	+3	41	0	4	8	175
GENEINA																													179
KADUGLI																												—	187
S. Sudan																													
MALAKÂL											03	8	32	3	1	8	Cs, Ac	8.2	-2.6	26.0	34	-1	20	0	62	0	75	75	176
WÂU											03	—	20	4	0	7	—	8.7	-1.1	26.0	35	0	21	+1	74	0	84	119	177
JÛBA																												88	178

UPPER WINDS ON 30th الرياح العليا يوم ٣٠

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

SALÛM 7 h.	MATRÛH 7 h.	P. SAID 9 h.	MINYA 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.	EL FASHER 6 h.	JÛBA h. m.	h. m.
02.34.15	02.34.15	02.34.10	02.36.25	02.03.30	02.33.20	02.36.20	03.03.25	06.07.50	06.05.30	06.10.15	07.25.30	09.04.15		
05.02.15	05.35.15	05.34.10	05.03.45	05.03.30	05.01.35	05.03.15	06.06.40	10.07.75	10.08.40	10.10.25	10.30.10	10.05.30		
10.02.05	10.35.15	10.31.25	10.03.45	08.04.45	10.04.45	10.07.10	10.07.30		15.10.15	15.09.25	15.03.30	15.06.45		
11.30.15	15.30.30	15.29.20	15.03.50	10.04.20	15.02.40	15.03.10	15.07.35		20.14.10	20.04.15	20.04.25	20.06.40		
15.30.35			20.03.40	14.36.15	20.02.50	20.35.15	20.05.25		30.35.10	30.31.10	30.04.20	36.10.25		
20.30.40				Ext. Sc.			30.09.20		40.35.10	40.16.05	34.03.25	40.12.20		
25.28.40										50.08.20		45.13.15		
27.28.50										57.07.35				

Forecast for 24 hours from noon on 30th

On the coast moderate northwest to north winds. Inland moderate north to northeast winds, fresh at times.
Some low cloud.
Slightly cooler tomorrow; temperature still above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٠
على الساحل رياح معتدلة بين شمالية غربية وشمالية
وفي الداخل رياح معتدلة بين شمالية وشمالية شرقية
تشتد نوعا احيانا
بعض السحاب المنخفض
تهبط درجة الحرارة قليلا باكر ولكنها تستمر فوق المعدل

STATION	Mean of day Humidity % on 29th	Diff. from normal	Wet bulb temp °C on 29th	Diff. from normal
Alexandria	90	+23	21.4	+3.4
Ezbekîya	66	0	19.8	+1.7
Gîza	67	-2	20.1	+2.1
Helwân	52	-3	18.3	+2.3

Gîza Grass minimum on 30th 10.0 °C

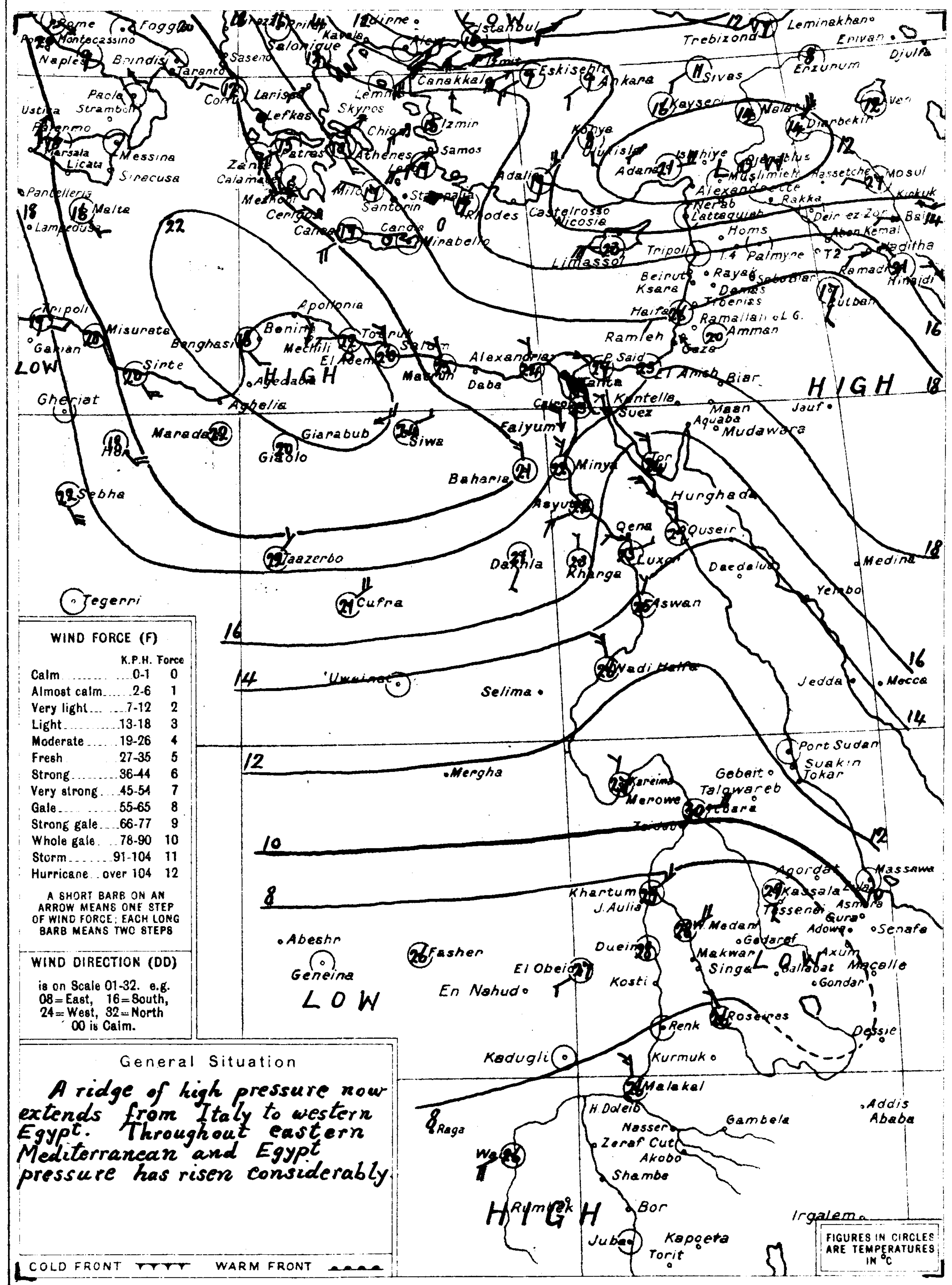
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
30-10	2082	5098
29-10	1971	5662

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-10	13.15	-0.57	13.15	-0.57
Nâṣser	29-10	10.55	-0.04	10.56	-0.03
Malakâl	30-10	12.24	-0.08	12.24	-0.08
Roṣeires	30-10	15.70	+0.77	15.83	+0.85
Sennâr Res.	29-10	17.47	—	17.30	—
J. Aulia U.S	29-10	375.71	—	375.71	—
J. Aulia D.S	29-10	373.66	+0.33	373.79	+0.41
Khartûm	29-10	13.67	+0.51	13.83	+0.61
Kh. el Girba	29-10	11.34	+0.15	11.46	+0.23
'Atbara	29-10	12.95	+0.61	12.90	+0.53
Kajnarti	29-10	136.79	-1.21	136.80	-1.33
Aswân Res.	30-10	113.98	—	113.65	—
Aswân D.S.	30-10	87.47	-1.58	87.32	-1.86
Rôda (Cairo)	29-10	16.87	-1.43	16.79	-1.36

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

Isobars, Wind and Temperature at 8 h. 30-10-39. ٣٠-١٠-٣٩



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 now extends from Italy to western Egypt. Throughout eastern Mediterranean and Egypt pressure has risen considerably.

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 30th (الساعة ٨ يوم ٣٠) Present weather ww	Visibility V	Wind Dir. DD	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	6	24	6	0	3	—	15.4	-0.5	23	—	—	—	—	—	0	10	22
Haifa	01	—	22	2	—	3	—	17.5	+2.5	25.7	29	+2	20	+4	45	0	dr	16
Siwa 29th	00	8	00	0	0	0	—	16.2	-1.0	19.2	34	+4	1, T	1	60	0	0	0
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 08 m
" " Sunset 17 h 09 m

Month OCTOBER 1939 ١٩٣٩ شهر أكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 8 h. on 30th ٣٠ — At 8 h. on TUESDAY 31st الثلاثاء ٣١

STATION	30th ww	V	DD	F	W	N	C	Bar. press. M.S.L.	Max. temp.	Humidity	31st ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff. from normal	Dry bulb	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity	Rainfall past 24 h	Total from Oct. 1	Normal
SALUM	02	7	04	2	1	4	As	19.5	23.2	65	00	7	28	4	0	1	Cu	20.0	+2.1	17.0	24	—	15	—	80	0	dr	—
MATRUH	01	8	30	3	1	3	Cu	17.8	23.4	69	02	8	22	2	1	4	Cu	18.6	+1.5	21.0	26	+1	17	+1	75	0	tr	15
DEKHEILA	01	8	28	4	0	3	Cu	18.7	24.6	65	01	8	28	5	1	4	Cu	18.3	—	23.4	25	—	22	—	65	0	dr	—
ALEXANDRIA	02	9	28	3	2	4	Ac	18.3	26.5	53	02	9	28	5	2	5	Ac	17.6	+0.2	23.3	27	0	22	+4	55	0	tr	6
DAMIETTA											01	8	20	3	2	2	Cu	16.8	—	22.2	26	—	18	—	80	0	dr	7
PORT SAID	00	8	28	3	0	0	—	17.1	27.2	69	02	8	28	5	1	4	Cu	16.4	+1.0	25.2	30	+3	20	+1	62	0	dr	3
EL ARISH	00	7	30	1	0	0	—	16.6	27.0	57	02	6	20	2	1	5	Cb	15.5	—	21.3	28	—	17	—	63	dr	dr	4
[illegible]											50	7	24	3	2	6	Cb	18.0	+0.4	20.0	28	0	17	+2	81	dr	dr	5
MANSURA											00	8	24	2	1	0	—	17.5	—	21.4	28	-1	17	+1	70	0	dr	3
TANTA	00	8	28	2	0	0	—	17.2	29.0	46	02	7	24	3	1	4	Cu	18.0	+0.2	22.0	30	+1	15	0	82	0	dr	3
ZAGAZIG	00	9	32	1	0	0	—	17.4	29.9	73	01	7	28	1	0	3	Cu	18.2	—	22.9	30	+2	15	0	78	0	dr	2
CAIRO ALMAZA	00	8	28	3	0	1	Cs	16.7	29.3	43	00	7	28	1	0	1	Cs	18.6	—	21.8	30	—	18	—	69	0	1	
EZBEKIYA	00	7	32	3	0	1	Ci	16.7	30.3	36	01	6	16	2	0	3	Cc	18.4	+1.6	20.5	32	+4	17	+1	73	0	dr	2
GIZA	00	7	32	3	0	1	Ci	16.7	30.4	40	01	7	00	0	1	3	Cc	18.4	+1.6	20.3	31	+3	15	+1	76	0	dr	3
HELWAN	00	7	32	4	0	1	Ci	16.4	29.6	30	09	4	00	0	1	4	Ci	18.7	+1.6	19.9	30	+3	17	+1	73	0	tr	1
SUEZ	00	9	32	2	0	0	—	16.0	28.3	45	00	7	04	1	0	1	Ci	17.9	+2.1	21.3	30	+1	18	0	69	0	dr	2
FAIYUM	00	8	32	4	0	0	—	16.2	31.0	35	01	7	00	0	0	3	Cu	19.0	+2.5	21.9	32	+3	16	+1	68	0	0	0
MINYA	00	7	32	4	1	0	—	15.0	30.6	40	02	8	32	2	2	4	Cu	18.4	+1.4	21.8	31	+3	18	+2	67	0	dr	—
ASYUT	00	8	30	4	0	0	—	13.6	32.0	28	00	6	22	3	0	0	—	18.2	+2.2	22.0	33	+5	17	+2	59	0	0	0
QENA	00	8	22	2	0	0	—	12.4	31.6	41	00	8	22	2	0	0	—	16.3	+1.3	23.8	34	+1	18	+2	60	0	1	—
LUXOR	00	9	30	1	0	0	—	12.0	35.3	34	00	9	14	1	0	0	—	16.8	—	24.3	37	—	15	—	51	0	3	—
ASWAN	00	7	28	2	0	0	—	10.8	37.0	29	00	7	02	3	0	0	—	15.2	+0.8	23.6	38	+4	21	+3	31	0	dr	—
SIWA	00	8	00	0	0	0	—	18.4	31.1	66	00	8	00	0	0	0	—	20.3	+2.9	20.0	32	+3	—	—	72	0	0	0
BAHARIA	00	9	32	1	0	0	—	16.4	30.9	37	00	9	32	1	0	0	—	19.2		20.5	33	—	14	—	75	0	0	—
KHARGA	00	8	04	3	0	0	—	13.4	32.7	28	00	8	32	2	0	0	—	17.8	+2.2	23.2	33	+1	20	+4	46	0	0	0
DAKHLA	00	8	04	5	0	0	—	15.0	33.0	31	00	7	22	2	0	0	—	16.4	-0.3	21.0	34	+3	19	+4	67	0	0	—
TOR	00	6	28	4	0	0	—	12.4	29.0	65	01	5	28	5	0	3	Cc	15.0	+0.1	25.5	31	+4	22	+6	42	0	10	0
HURGHADA	00	9	32	3	0	0	—	13.4	30.3	40	00	9	30	4	0	0	—	15.0	-0.1	25.4	31	+2	21	+4	55	0	1	—
QUSEIR	00	7	32	3	0	0	—	12.8	30.0	54	00	7	30	4	0	1	Ci	14.6	-0.1	27.0	31	+2	23	+2	56	0	2	0
PORT SUDAN											00	—	32	3	0	0	—	12.6	-0.2	30.5	34	+2	25	+1	62	0	4	10
WADI HALFA											00	8	32	3	0	0	—	15.0	+0.5	24.2	40	+6	21	+4	39	—	—	—
KAREIMA											00	7	32	3	0	0	—	12.5	+0.4	27.3	38	0	22	+1	20	0	dr	1
ATBARA											00	—	06	2	0	0	—	10.4	-0.6	28.0	39	+2	21	-1	42	0	1	1
KHARTOUM											05	6	06	1	0	0	—	9.2	-0.6	29.3	41	+2	23	+1	46	0	24	5
KASSALA											00	8	16	1	0	0	—	7.5	-2.3	29.4	39	+1	26	+4	52	0	7	11
WAD MEDANI											00	—	04	3	0	0	—	7.5	-2.2	27.4	39	+1	23	+1	37	0	44	12
DUEIM											00	—	—	—	0	0	—	7.9	-1.9	29.2	38	0	24	+3	53	0	17	12
RENK																												—
ROSEIRES											02	—	10	1	1	4	—	8.6	-1.3	26.4	39	+2	20	+1	65	0	70	30
EL OBEID											01	8	18	1	1	4	Ci	8.7	-2.9	25.8	37	+1	21	+2	62	0	20	18
EL FASHER											01	8	30	2	1	4	Ac Cs	—	—	23.0	37	+1	18	+2	40	0	4	8
GENEINA											02	8	08	1	1	5	Ac	—	—	21.[illegible]	38	—	16	—	—	0	19	—
KADUGLI																												—
MALAKAL											01	8	14	2	1	4	Ac	8.3	-2.5	25.6	34	-1	21	+1	70	0	75	77
WAU											00	—	08	1	0	0	—	8.4	-1.4	25.4	32	-3	22	+2	77	0	84	123
JUBA																												91

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

31st ٣١

SALUM 7h	MATRUH 7h	P.SAID 9h	CAIRO 8h	HELWAN 8.30	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 4h	KHARTOUM 4h	KASSALA 6h	EL OBEID 5h	MALAKAL 6h	GENEINA 6h	MINYA 8h
02.32.25	01.25.10	02.28.30	02.26.10	02.18.05	02.01.20	02.02.15	03.02.25	06.07.35	06.07.30	06.13.25	07.21.20	06.18.05	10.09.10	02.36.15
05.34.30	02.33.10	05.30.40	05.31.25	05.30.15	05.01.40	05.11.55	06.04.35	10.06.50	10.07.35	10.11.30	10.27.30	10.17.15	15.07.45	05.35.35
10.32.15	05.32.20	10.31.40	08.32.35	08.32.25	10.35.65	10.12.60	10.04.40	15.04.50	15.05.40	15.09.05	15.01.15	15.15.05	20.08.50	10.35.40
15.29.50		15.32.40		10.33.35	15.35.60	15.07.15	15.02.35	20.03.40	20.02.15	20.25.05	20.07.05	20.05.20	30.09.35	15.34.50
20.31.60		17.32.40		15.34.50	20.35.65	20.07.10	20.04.30	30.33.05	25.36.15	30.25.05		30.05.30	40.07.25	20.35.55
25.30.45							24.07.20		30.33.15	40.08.30		40.08.30	46.07.15	
26.30.65									34.33.10	50.08.50		45.09.25		
										57.09.30				

Forecast for 24 hours from noon on 31st

West to northwest winds, inland moderate, on the coast fresh.
Much low cloud.
Possibly light showers near the coast.
Temperature about normal.

نشرة الطقس المنتظر في ٢٤ ساعة من ظهر يوم ٣١

رياح بين غربية وشمالية غربية تكون معتدلة في الداخل
وشديدة نوعاً على الساحل
كثرة السحاب المنخفض
يحتمل تساقط مطر خفيف بالقرب من الساحل
درجة الحرارة حول المعدل

Station	Mean humidity on 30th	Diff. from normal	Mean wet bulb temp. on 30th	Diff. from normal
Alexandria	58	-9	19.5	+1.6
E.bekiya	64	-2	19.3	+1.3
Giza	69	0	19.5	-0.2
Helwan	55	0	18.5	+2.6

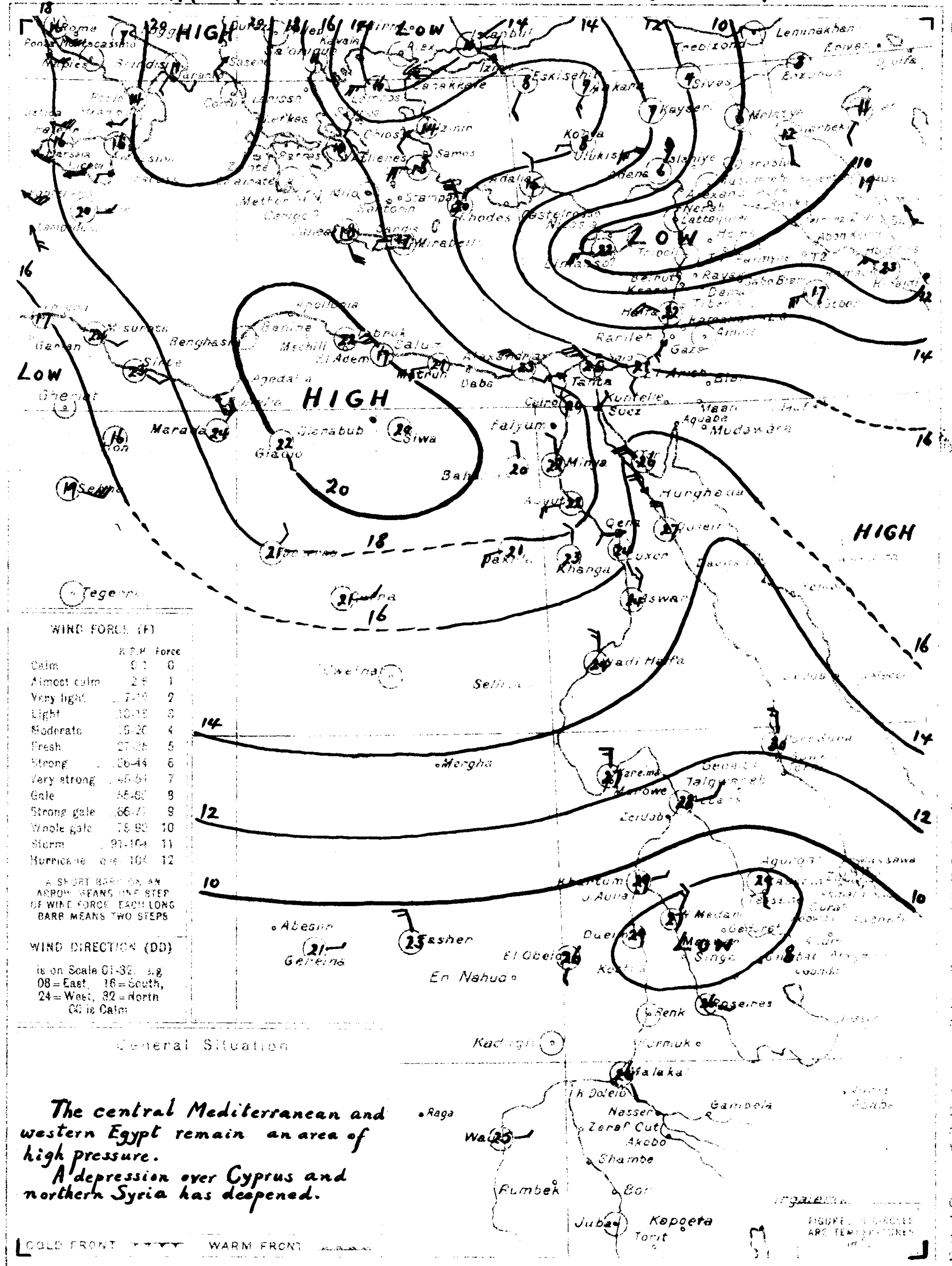
Giza Grass minimum on 31st 7.7°

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
31-10	2200	4933
30-10	2082	5098

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	30-10	13.15	-0.57	13.15	-0.57
Nasser	30-10	10.56	-0.03	10.55	-0.04
Malakal	31-10	12.24	-0.08	12.24	-0.08
Roseires	31-10	15.56	+0.69	15.70	+0.77
Sennar Res.	30-10	17.61	—	17.47	—
J. Aulia U.S.	30-10	375.67	—	375.71	—
J. Aulia D.S.	30-10	373.52	+0.24	373.66	+0.33
Khartum	30-10	13.45	+0.37	13.67	+0.51
Khashm el Girba	30-10	11.20	+0.05	11.34	+0.15
Atbara	30-10	12.90	+0.62	12.95	+0.61
Kajnarty	30-10	136.80	-1.10	136.79	-1.21
Aswan Res.	31-10	114.28	—	113.98	—
Aswan D.S.	31-10	87.60	-1.34	87.47	-1.58
Roda (Cairo)	31-10	16.54	-1.62	16.74	-1.47

١٩٣٩-١٠-٣١ Isobars, Wind and Temperature at 8 h. 31-10-1939



General Situation

The central Mediterranean and western Egypt remain an area of high pressure.
A depression over Cyprus and northern Syria has deepened.

COLD FRONT — WARM FRONT

SCALE 1:15,000,000

At 8 h. on 31-10-1939 ١٩٣٩-١٠-٣١

STATION	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. press. M.S.L. 1000+ mbs	Diff. from normal	Dry bulb	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity	Rainfall past 24 h	Total from Oct. 1	Normal
LIMASSOL	01	7	24	5	1	3	—	9.5	-6.4	22	—	—	—	—	—	0	10	22
HAIFA	02	—	26	3	—	5	—	13.9	-1.1	21.8	28	+1	20	+4	40	1	1	16
SHIPS																		

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 31°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

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

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth
2, 3 Tenths
4, 5 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

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ANNUAL SUBSCR. P.T. ... INLAND POST P.T. 100 ABROAD P.T. 50

CAIRO

Time of Sunrise 06 h 09 m
Time of Sunset 17 h 08 m

Month NOVEMBER 1939 نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

31st Oct ٣١ — WEDNESDAY 1st الاربعاء اول

Station	31st Oct 14h: Present weather	Visibility	Wind dir	Wind force	Past weather	Cloud amount	Cloud form	Bar. press. M.S.L.	Max. temp.	Humidity	1st 8h: Present weather	Visibility	Wind DD	Wind F	Past weather	Cloud amount	Cloud form	Bar. M.S.L.	Diff. from normal	Dry bulb	Max. yesterday	Diff.	Min. today	Diff.	Humidity	Rainfall past 24 hrs	Total from Oct 1	Normal from Oct 1	No.
SALUM	00	8	06	4	0	0	—	18.8	23.2	72	00	6	26	4	0	0	—	17.6	-0.4	17.3	25		15		92	0	dr	—	130
MATRUH	01	8	26	4	0	2	Cu	18.0	24.1	75	01	7	24	3	0	2	Cu	15.9	-1.3	21.0	25	0	19	+3	84	0	tr	15	131
DIKHEILA	01	8	26	5	1	4	Cu	18.3	24.1	55	01	8	28	4	1	4	Cu	16.0	—	23.6	25		23		69	0	dr		150
ALEXANDRIA	02	9	28	6	2	5	Ac	17.5	25.1	49	02	9	24	6	2	4	Cu	15.0	-2.4	23.4	26	0	22	+4	66	0	tr	6	132
DAMIETTA											21	8	20	2	5	5	Cu	14.8	—	19.4	26		17		82	dr	dr	7	133
PORT SAID	02	8	28	6	5	4	Cu	15.6	26.0	56	02	6	20	4	1	5	Sc	14.7	-0.8	20.8	28	+2	19	0	86	dr	dr	3	134
EL ARISH	02	7	22	2	5	4	Cu	15.9	26.3	44	03	6	22	1	2	6	St	13.8	—	20.3	27		16		73	tr	tr	4	135
DAMANHUR											01	8	20	3	1	2	Cu	15.8	-1.9	21.2	27	-1	17	+2	79	0	dr	5	136
MANSURA											01	8	16	2	1	3	Sc	15.0	—	20.3	27	-2	16	0	78	0	dr	3	137
TANTA																											dr	3	138
ZAGAZIG	02	8	28	1	1	4	Cu	17.1	27.3	92	00	8	20	1	0	1	Cu	16.2	—	22.9	29	+1	14	-1	82	0	dr	2	139
ALMAZA	01	8	26	4	1	2	Cu	16.7	27.0	48	05	6	16	3	1	5	Sc	16.6	—	20.0	27		18		78	0	1		141
EZBEKIYA	02	8	28	3	1	4	Cu	16.6	28.2	35	50	6	18	2	2	8	Cb	16.4	-0.5	19.5	29	+1	18	+3	74	dr	dr	2	
GIZA	02	8	28	3	1	4	Cu	16.8	27.8	36	50	7	28	2	2	8	Cb	16.7	-0.2	19.4	28	0	15	+1	77	dr	dr	3	
HELWAN	01	7	28	4	1	4	Cu	16.7	26.3	34	05	5	14	2	2	5	Sc	17.1	0.0	18.9	27	0	16	0	72	0	tr	1	143
SUEZ	01	9	30	3	1	3	Cu	15.9	27.4	31	00	7	10	2	0	0	—	17.0	+1.2	22.7	29	+1	17	-1	66	0	dr	2	144
FAYUM	01	8	32	5	0	3	Cu	17.1	27.7	40	00	7	26	1	0	0	—	16.8	+0.2	21.3	29	0	16	+1	63	0	0	0	153
MINYA	00	9	30	3	1	0	—	17.2	26.8	44	00	7	32	1	1	0	—	17.5	+0.4	21.8	27	0	17	+2	66	0	dr	—	154
ASYUT	00	8	28	4	1	0	—	16.4	28.0	39	00	6	26	3	0	0	—	17.5	+1.5	21.5	29	+1	16	+1	70	0	0	0	155
QENA	00	8	30	3	0	0	—	13.1	32.7	16	00	8	24	1	0	0	—	15.8	+0.7	24.9	34	+2	18	+3	54	0	1	—	156
LUXOR	00	9	30	4	0	0	—	13.8	32.2	28	00	9	30	4	0	0	—	16.6	—	25.0	34		19		47	0	3	—	157
ASWAN	00	6	30	4	0	0	—	12.3	34.4	13	00	7	30	1	0	0	—	16.4	+1.9	22.6	34	0	19	+1	47	0	dr	—	158
SIWA	00	8	00	0	0	0	—	19.2	30.0	59																		0	149
BAHARIYA	00	9	32	1	0	0	—	17.9	27.5	42	00	9	00	0	0	0	—	16.7	—	19.8	29		14		65	0	0	—	149
KHARGA	00	8	04	3	0	0	—	14.7	32.9	30	00	8	00	0	0	0	—	17.5	+1.8	23.2	33	+1	16	+1	39	0	0	0	151
DAKHLA	00	8	02	3	0	0	—	16.8	30.0	46	00	7	00	0	0	0	—	18.4	+1.6	18.6	31	0	17	+2	66	0	0	—	152
TOR	00	6	28	6	0	0	—	13.3	27.2	55	00	5	28	5	0	0	—	14.7	-0.3	23.5	28	+1	21	+5	59	0	10	0	145
HURGHADA	00	9	30	4	0	0	—	13.1	27.5	43	00	9	30	3	0	0	—	15.2	0.0	24.0	29	0	19	+2	55	0	1	—	146
QUSEIR	00	7	32	4	0	1	Ci	13.4	30.0	36	00	7	30	4	0	0	—	14.7	-0.1	25.0	30	+1	22	+1	53	0	2	0	147
PORT SUDAN											02	—	32	5	2	4	—	13.3	+0.5	29.7	34	+2	26	+2	54	0	4	10	169
WADI HALFA											00	8	02	4	0	0	—	15.3	+0.7	23.5	37	+3	20	+3	46	—	—	—	165
KAREIMA											00	7	04	4	0	0	—	12.7	+0.5	26.9	37	-1	23	+3	28	0	dr	1	166
ATBARA											00	—	04	4	0	0	—	10.8	-0.3	27.9	39	+2	23	+1	47	0	1	1	167
KHARTUM											00	7	06	3	0	0	—	8.9	-1.0	29.6	40	+1	23	+1	41	0	24	5	168
KASSALA											00	8	10	2	0	0	—	7.8	-2.0	29.0	39	+1	21	-1	52	0	[illegible]	11	170
WAD MEDANI											00	—	06	4	0	0	—	6.6	-3.2	27.6	40	+2	21	0	43	0	84	12	171
DUEIM											00	—	—	—	0	0	—	9.0	-0.9	28.2	40	+2	25	+4	41	0	17	12	173
RENK																												—	182
ROSEIRES											02	—	14	1	1	4	—	8.3	-1.6	26.5	38	+1	20	+1	67	0	70	31	172
EL OBEID											01	8	30	2	1	4	Ci	8.4	-3.3	25.0	37	+1	20	+2	36	0	20	19	174
EL FASHER											01	8	06	3	0	2	Cs,Ac	—	—	23.4	36	+1	18	+2	33	0	4	8	175
GENEINA																												—	179
[illegible]																												—	187
MALAKAL											21	8	22	3	5	7	Ci,Ac	9.0	-1.8	25.2	33	-2	22	+2	80	dr	75	80	176
WAU											03	—	24	1	6	7	—	8.1	-1.7	23.4	34	-1	21	+1	90	13	97	127	177
JUBA																												94	178

UPPER WINDS ON 1st الرياح العليا يوم 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

SALUM 7h	MATRUH 7h	DIKHEILA	P.SAID 8h	HELWAN 9h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 4h	KAREIMA 6h	KHARTUM 7h	KASSALA 7h	EL OBEID 4h	MALAKAL 3h	EL FASHER 6h
02.29.25	02.32.20		02.28.25	02.14.15	02.32.10	02.01.15	03.02.45	06.06.45	06.05.25	06.09.15	07.01.35	06.22.10	09.03.20
05.32.25	05.32.20		05.29.20	05.27.15	05.36.25	05.36.45	06.02.75	10.05.55	10.04.45	10.10.25	10.02.50	10.19.15	10.04.25
10.34.45			10.30.25	08.28.20	10.35.55	10.03.30	10.03.70	15.05.35	15.04.50	16.08.25	15.02.35	15.02.10	15.04.30
15.32.60			11.31.25	10.29.30	15.35.45	15.02.55	15.02.40	20.04.25	20.05.20	20.06.25	20.36.15	20.04.35	20.05.35
20.30.45				15.31.50		20.01.55	18.03.35	25.05.25	25.35.05	23.01.15	30.23.15	30.05.55	25.07.60
25.32.55				17.31.60				30.05.45	30.23.20		37.21.10	40.01.20	
26.32.65									40.09.20				
									50.09.30				

Forecast for 24 hours from noon on 1st

On the coast fresh west to northwest winds.

Inland moderate winds between south and west.

Much low cloud. Little change in temperature. Light showers near the coast in the east.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم أول
تهب رياح غربية الى شمالية غربية شديدة نوعا على الساحل وتهب
رياح معتدلة ما بين الجنوب والغرب فى الداخل
تكثر السحب المنخفضة.
وتمطر خفيفا بالقرب من الساحل فى الشرق
ولا تتغير درجة الحرارة الا قليلا

Station	Mean of day: Humidity % on 31st	Diff. from normal	Wet bulb temp °C on 31st	Diff. from normal
Alexandria	55	-12	18.0	+0.2
Ezbekiya	58	-8	17.6	-0.3
Giza	63	-6	17.4	-0.4
Helwan	52	-3	16.4	+0.7

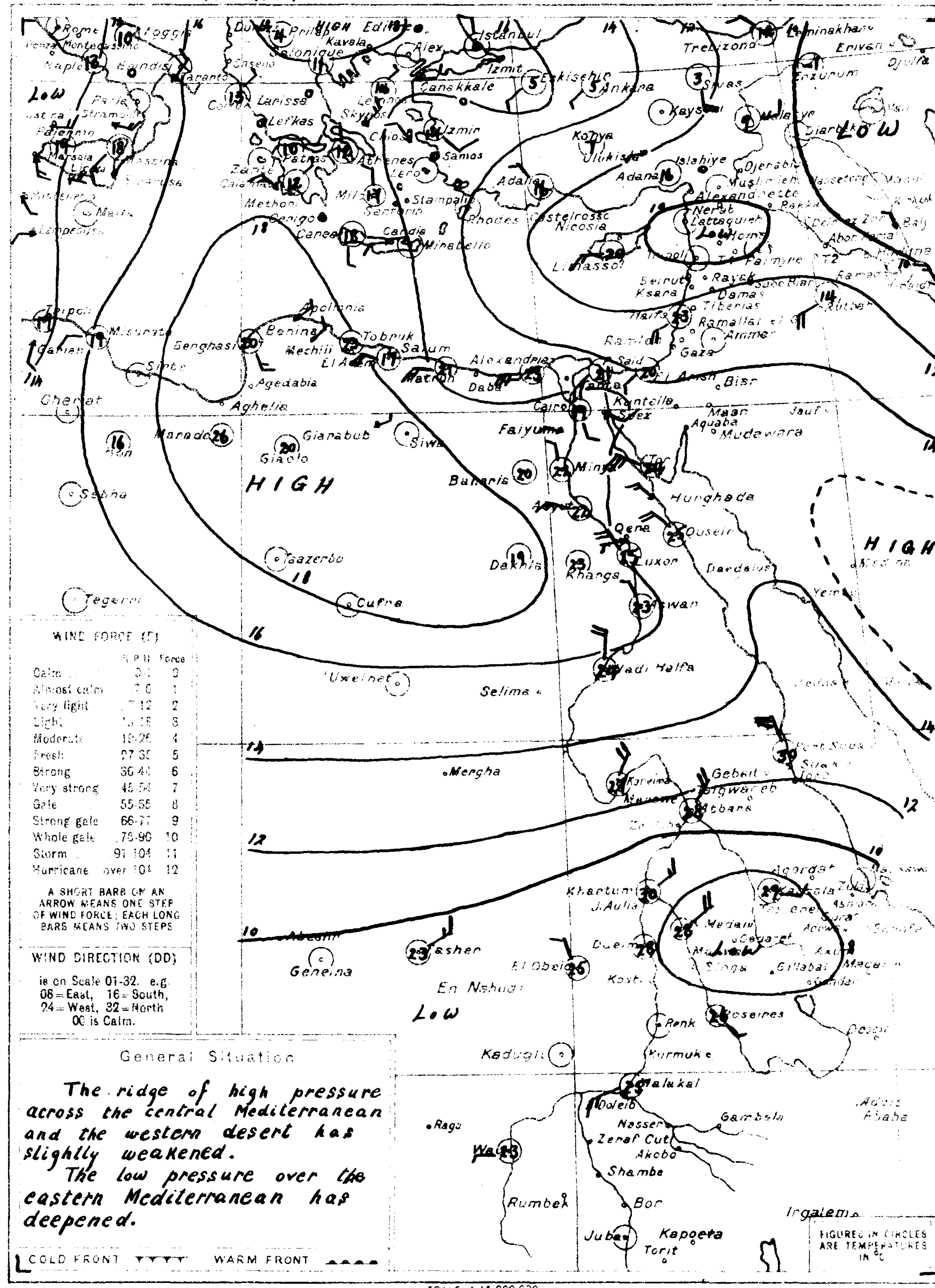
Giza Grass minimum on 1st 7.0 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
1-11	2315	4754
31-10	2200	4933

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	31-10	13.16	-0.61	13.15	-0.67
Nasser	31-10	10.55	-0.04	10.56	-0.03
Malakal	1-11	12.24	-0.09	12.24	-0.08
Roseires	1-11	15.45	+0.62	15.56	+0.69
Sennar Res.	31-10	17.74	—	17.61	—
J. Aulia U.S	31-10	375.71	—	375.67	—
J. Aulia D.S	31-10	373.32	+0.09	373.52	+0.24
Khartum	1-11	13.11	+0.18	13.29	+0.27
Kh. el Girba	31-10	11.18	+0.05	11.20	+0.05
Atbara	1-11	12.63	+0.44	12.78	+0.54
Kajnarti	31-10	136.87	-0.91	136.80	-1.10
Aswan Res.	1-11	114.53	—	114.28	—
Aswan D.S.	1-11	87.73	-1.09	87.60	-1.34
Roda (Cairo)	31-10	16.54	-1.62	16.64	-1.47

Isobars, Wind and Temperature at 8 h. 1-11-1939 ١٩٣٩-١١-١



WIND FORCE (F)

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

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 across the central Mediterranean and the western desert has slightly weakened.

The low pressure over the eastern Mediterranean has deepened.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 1-11-1939 الساعة ٨ يوم ١٩٣٩-١١-١

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	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	01	7	24	3	1	3	—	10.8	-5.2	20	—	—	—	—	—	0	10	23
HAIFA	02	—	22	4	—	4	—	12.3	-2.8	23.3	27	0	20	+4	37	0	1	17

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
[illegible]	07
[illegible]	08
[illegible]	09
[illegible]	[illegible]
Slight Duststorm	15
[illegible]	20-29
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-39
Fog [illegible]	40-49
Snow	[illegible]
Showers	[illegible]
Thunder[illegible]	90-99

VISIBILITY (V)

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

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 10 m
" " Sunset 17 h 08 m

Month **NOVEMBER** 1939 — شهر نوفمبر ١٩٣٩

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

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

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	M.S.L. PPP	Diff. from normal	Dry Bulb TTT	Max Yesterday MM	Diff.	Min Today mm	Diff.	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN																													
SALÛM	00	8	02	3	0	1	Cu	17.0	23.0	74	01	7	18	6	1	3	Ac	16.0	-2.0	21.2	24	—	17	—	54	0	dr	—	130
MATRÛH	00	7	28	4	0	0	—	16.0	24.0	74	01	8	18	3	1	4	Cu	17.4	+0.2	20.9	25	0	19	+3	75	0	tr.	16	131
DIKHEILA	01	8	28	4	1	3	Cu	16.2	23.7	56	01	8	16	1	1	4	Ci	18.8	—	20.6	25	—	17	—	61	0	dr	—	150
ALEXANDRIA	02	9	24	5	2	4	Cu	15.4	25.3	52	02	9	00	0	2	4	Ac	18.3	+0.9	21.2	26	0	19	+1	69	0	tr	7	132
DAMIETTA											01	8	20	1	1	3	Ac	17.6	—	21.8	25	—	16	—	69	0	dr	8	159
PORT SAÏD	01	7	26	6	1	3	Ac	13.8	26.1	58	02	8	20	5	1	4	Cu	17.9	+2.3	22.8	27	+1	20	+1	76	0	dr.	3	134
EL 'ARISH	02	7	28	2	1	4	Sc	13.6	26.5	46	01	7	20	1	0	3	St	17.5	—	21.0	26	—	17	—	58	0	tr	4	135
LOWER EGYPT																													
DAMANHUR											00	7	20	1	0	0	—	18.7	+1.0	19.3	27	-1	15	0	73	0	dr.	5	136
MANṢURA											00	8	30	1	0	0	—	18.4	—	19.8	27	-2	14	-2	71	0	dr	3	137
TANTA	02	7	28	4	1	5	Cu	14.4	27.0	49	00	7	00	0	0	0	—	19.0	+1.1	21.5	29	+1	13	-2	70	0	dr.	3	138
ZAGÂZIG	02	9	22	1	1	4	Cu	14.7	28.6	76	00	8	20	1	0	0	—	19.0	—	21.9	29	+1	12	-2	82	0	dr.	2	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	28	4	1	4	Cu	14.8	27.8	56	00	7	08	1	0	1	Ci	18.6	—	21.3	28	—	15	—	63	0	1	—	141
CAIRO EZBEKIYA	02	7	26	3	5	4	Cu	14.2	28.5	42	05	5	16	1	0	2	Ac	18.7	+1.7	19.6	29	+1	15	0	70	dr	dr	2	—
CAIRO GIZA	02	7	26	3	5	4	Cu	14.4	29.0	40	05	6	00	0	0	2	Ac	19.0	+2.0	17.5	29	+1	12	-2	85	tr	tr	3	—
HELWÂN	02	8	26	4	6	5	Cu	14.4	26.5	47	05	5	02	1	0	2	Ac	19.1	+1.9	18.7	28	+1	15	-1	64	1	1	1	143
SUEZ	02	8	20	1	1	4	Cu	13.9	28.1	45	00	8	32	1	0	0	—	18.7	+2.8	18.8	29	+1	15	-3	71	0	dr	2	144
UPPER EGYPT																													
FAIYÛM	01	8	30	2	0	4	Cu	15.1	28.7	38	00	7	00	0	0	0	—	19.2	+2.5	20.7	30	+1	14	-1	67	0	0	0	153
MINYA	00	8	32	3	1	0	—	15.2	27.8	42	00	8	30	1	0	0	—	18.4	+1.2	20.0	28	+1	16	+1	66	0	dr.	—	154
ASYUT	01	7	22	3	1	3	Cu	15.4	27.2	57	00	6	22	2	0	0	—	18.2	+2.1	21.0	29	+1	16	+1	65	0	0	0	155
QENA	00	8	24	1	0	0	—	12.7	32.2	37	00	8	14	1	0	0	—	16.7	+1.5	23	33	+1	17	+2	61	0	1	—	156
LUXOR	00	9	30	3	0	0	—	13.4	30.5	34	00	9	10	1	0	0	—	16.8	—	24.5	32	—	17	—	57	0	3	—	157
ASWAN	00	7	32	3	0	0	—	12.6	31.1	23	00	7	00	0	0	0	—	17.0	+2.4	21.5	32	-2	18	0	56	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	14.8	32.0	54	00	8	00	0	0	0	—	20.8	+3.3	20.4	33	+4	10	-3	73	0	0	0	148
BAHARIYA	00	9	32	1	0	0	—	15.1	30.0	36	00	9	24	1	0	0	—	19.2	—	20.2	31	—	13	—	80	0	0	—	149
KHARGA	00	8	32	2	0	0	—	14.7	31.3	31	00	8	32	1	0	0	—	17.5	+1.7	21.7	31	0	16	+1	45	0	0	tr	151
DAKHLA	00	8	04	3	0	0	—	16.2	28.3	55	00	7	00	0	0	0	—	17.4	+0.5	18.0	31	0	16	+1	71	0	0	—	152
RED SEA																													
TOR	00	6	22	6	0	0	—	13.0	27.9	51	00	5	28	4	0	0	—	16.4	+1.3	24.1	29	+2	21	+5	60	0	10	0	145
HURGHADA	00	9	32	4	0	0	—	13.3	28.0	43	00	9	26	4	0	0	—	16.4	+1.1	23.4	28	-1	18	+1	56	0	1	—	146
QUSEIR	00	7	32	3	0	1	Ci	13.8	28.0	51	01	7	32	3	1	4	Ac	15.5	+0.7	25.9	28	-1	22	+1	49	0	2	0	147
PORT SUDAN											50	—	28	2	6	8	—	14.7	+1.8	25.0	34	+2	24	0	85	10	14	12	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	4	0	0	—	15.9	+1.2	22.1	33	-1	17	0	44	—	—	—	165
KAREIMA											00	7	04	3	0	0	—	13.6	+1.3	25.5	38	0	21	+1	30	0	tr	1	166
'ATBARA											00	—	06	3	0	0	—	11.1	-0.1	28.8	36	+1	23	+2	42	0	1	1	167
KHARTÛM											00	8	04	3	0	0	—	11.1	+1.1	27.7	38	-1	24	+2	35	0	24	5	168
KASSALA											00	8	10	2	0	0	—	8.2	-1.6	29.6	39	+1	24	+2	59	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	32	4	0	0	—	9.5	-0.4	27.3	39	+1	20	-1	44	0	44	12	171
DUEIM											00	—	—	—	0	0	—	9.9	-0.1	28.6	39	+1	24	+3	63	0	17	12	173
RENK																												—	182
ROSEIRES											02	—	18	1	1	4	—	9.0	-0.9	28.4	38	+1	20	+1	60	0	70	31	172
EL OBEID											00	8	30	1	0	0	—	10.8	-1.0	25.5	37	+2	20	+2	42	0	20	19	174
EL FÂSHER											00	8	00	0	0	0	—	—	—	20.1	34	-1	15	0	42	0	4	8	175
GENEINA											05	7	06	4	0	0	—	—	—	21.3	38	—	17	—	22	0	19	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											02	8	28	3	1	5	Ac.	10.7	-0.1	25.1	33	-2	22	+2	84	0	75	80	176
WÂU											03	—	12	1	1	7	—	10.1	+0.3	23.5	31	-4	21	+1	90	0	97	128	177
JÛBA																												95	178

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA	CAIRO	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 6 h.	MALAKÂL	GENEINA 6 h.	EL FASHER 6 h.
02.30.35	02 15 30			02.04.10	02 32 10	02.02.10	03 03 30	06 03 65	06.01.40	06.10.20	07.02.15		10 .4 55	09 01 05
05.26.–	10 26 20			05.05.25	05 03 20	05.03.25	06 03 50	10 05 90	10.05.60	10.10.25	10.05.35		15 07 70	10 02 20
06.35.25	15 28 30			08.05.15	10 36 50	10.02.45	10 04 55	15 05 60	15.05.50	15.04.25	15.05.50		20 07 80	15 06 45
09.28.30	20 31 40			10.01.25	15 36 45	15.02.30	15 02 15	20 05 45	20.04.25	20.01.25	20.06.40		23 07 100	20 08 35
10.28.45				15.34.50	20 35 65	20.01.35	20 03 25	22 05 50	30.25.15	30.26.15	24.08.20			30 09 40
15.33.25				18.34.55			30 36 15		40.27.15	40.36.05				38 09 60
17.31.35							36 30 20			50.07.20				
18.32.55										57.08.30				
20.30.85														
23.30.90														

Forecast for 24 hours from noon on 2nd

On the coast moderate to fresh Southerly winds becoming Southwest to west later. Inland light to moderate winds chiefly northeasterly. Some high cloud at first, medium or low cloud tomorrow. Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢
على السواحل رياح بين المعتدلة والشديدة جنوبية تكون جنوبية ثم تتحول الى جنوبية غربية او غربية وفي الداخل رياح بين الخفيفة والمعتدلة اكثرها شمالية شرقية
يظهر بعض السحاب العالي اولا ثم يظهر السحاب المتوسط او المنخفض باكر — ولا تتغير درجة الحرارة الا قليلا

STATION	Mean of day Humidity % on 1st	Diff. from normal	Wet bulb temp °C on 1st	Diff. from normal
Alexandria	61	-5	18.1	+0.4
Ezbekiya	60	-6	18.1	+0.3
Gîza	66	-3	17.9	+0.2
Helwân	57	+2	17.1	+1.5

Gîza Grass minimum on 2nd 4.6 °C

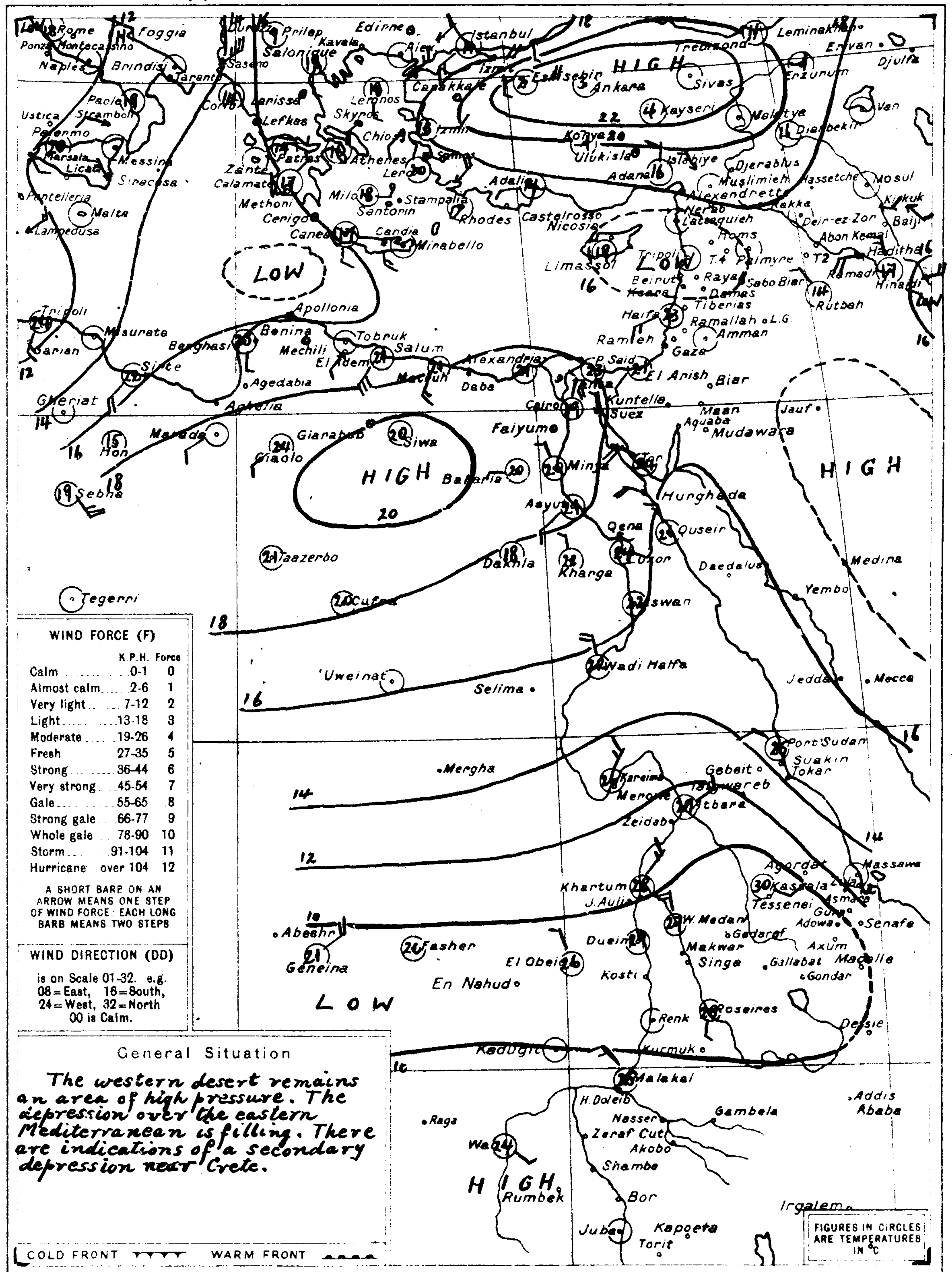
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1939	1938
1 – 11	2315	4754
31 – 10	2200	4933

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1 – 11	13.13	-0.58	13.10	-0.61
Nâṣser	1 – 11	10.35	-0.05	10.55	-0.04
Malakâl	2 – 11	12.24	-0.09	12.24	-0.09
Roseires	2 – 11	15.34	-0.55	15.43	+0.62
Sennâr Res	1 – 11	17.85	—	17.74	—
J. Aulia U.S	1 – 11	375.65	—	375.71	—
J. Aulia D.S	1 – 11	373.20	+0.01	373.32	+0.09
Khartûm	1 – 11	13.11	+0.18	13.29	+0.27
Kh. el Girba	1 – 11	11.16	+0.07	11.18	+0.05
'Atbara	1 – 11	12.63	+0.44	12.78	+0.54
Kajnarti	1 – 11	137.70	-0.60	136.87	-0.91
Aswân Res.	1 – 11	114.53	—	114.28	—
Aswân D.S.	1 – 11	87.73	-1.09	87.60	-1.34
Rôda (Cairo)	1 – 11	16.42	-1.67	16.54	-1.62

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

Isobars, Wind and Temperature at 8 h. 2-11-1939 — ١٩٣٩-١١-٢



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

The western desert remains an area of high pressure. The depression over the eastern Mediterranean is filling. There are indications of a secondary depression near Crete.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 2nd — الساعة ٨ يوم ٢

STATION	ww	V	DD	F	W	N	C	M.S.L. 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	01	7	00	0	1	3	—	16.0	0.0	19	—	—	—	—	—	0	10	25
HAIFA	02	—	22	3	—	4	—	16.3	+1.1	23.4	25	-2	20	+5	43	0	1	20
TANTA 1st	02	7	20	3	1	5	Cu	16.0	-1.9	22.0	29	+1	15	0	82	0	dr	3
SIWA 1st	00	8	00	0	0	0	—	19.2	+1.8	20.2	31	+2	10	-3	65	0	0	0
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	26
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
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 10 m
" " Sunset 17 h 07 m

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h on 2nd (الساعة ٢ يوم) — At 8 h on FRIDAY 3rd (الجمعة ٣ يوم)

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP	Diff from normal	Dry bulb TTT	Max yesterday MM	Diff	Min today mm	Diff	Humidity	Rain past 24 h	Total since Oct 1	Normal	Station No.
Mediterranean																													
SALUM	01	7	04	5	1	3	Ac	14.6	27.6	37	00	6	22	5	0	0	—	17.1	-1.0	23.1	33		19		26	0	dr	—	130
MATRUH	00	8	18	3	0	1	Cu	15.4	31.0	38	00	9	22	1	0	0	—	17.6	+0.4	22.8	33	+8	18	+2	42	0	tr	17	131
DIKHEILA	01	8	30	2	1	4	Cs	18.3	23.7	61	00	7	12	3	0	0	—	18.7	—	18.8	27		16		68	0	dr		150
ALEXANDRIA	02	9	28	1	2	4	Ac	17.8	25.5	56	00	9	12	4	0	0	—	19.5	+2.0	19.8	27	+1	17	-1	72	0	tr	8	132
DAMIETTA											01	7	16	1	1	3	As	19.6	—	22.2	25		17		81	0	dr	8	159
PORT SAID	02	7	28	4	1	5	Ac	17.0	24.5	62	00	8	20	3	1	0	—	19.8	+4.2	23.4	27	+1	17	-2	68	0	dr	4	134
EL ARISH	02	7	28	1	1	4	Ac	16.3	24.0	50	01	7	00	0	0	2	Cu	19.6	—	20.0	26		14		66	0	tr	5	135
Lower Egypt																													
DAMANHUR											00	7	10	1	0	0	—	20.0	+2.2	20.0	29	+1	17	+2	73	0	dr	6	136
MANSURA											00	8	28	2	0	0	—	20.0	—	19.8	27	-1	15	-1	74	0	dr	3	137
TANTA	02	8	00	0	1	4	Cs	17.6	26.5	48	00	8	00	0	0	0	—	20.3	+2.4	22.0	28	0	15	+1	74	0	dr	3	138
ZAGAZIG	00	9	20	1	0	0	—	17.5	27.8	58	00	8	10	1	0	0	—	20.6	—	22.8	29	+1	15	+1	74	0	dr	2	139
Middle Egypt																													
CAIRO ALMAZA	01	8	30	1	1	2	Cs	17.5	26.0	49	00	7	10	2	0	0	—	19.4	—	23.8	27		17		56	0	1		141
CAIRO EZBEKIYA	01	8	02	1	1	3	Cc	17.1	26.8	39	00	6	16	1	0	0	—	20.0	+3.0	19.4	28	+1	16	+1	68	0	dr	2	—
CAIRO GIZA	01	8	00	0	1	3	Cc	17.2	27.0	40	00	6	00	0	0	0	—	19.9	+2.9	20.0	28	0	12	-2	66	0	tr	3	—
HELWAN	01	8	30	2	1	3	Ci	17.0	26.0	30	00	6	00	0	0	0	—	19.9	+2.7	19.1	27	0	16	0	62	0	1	1	143
SUEZ	01	9	32	3	1	3	Cu	17.2	25.2	42	00	8	02	1	0	0	—	20.3	+4.4	19.5	27	-1	15	-3	62	0	dr	2	144
Upper Egypt																													
FAIYUM	01	8	32	3	0	3	Cu	17.2	28.5	40	00	8	32	1	0	0	—	19.9	+3.1	22.0	30	+2	14	-1	58	0	0	0	153
MINYA	00	8	30	3	0	0	—	16.2	27.4	37	00	7	32	1	0	0	—	19.1	+1.8	20.6	28	+1	16	+1	54	0	dr	—	154
ASYUT	00	7	22	3	0	0	—	15.8	27.7	46	00	7	22	2	0	0	—	19.0	+2.8	22.0	28	0	16	+1	64	0	0	c	155
QENA	00	8	26	1	0	0	—	13.4	30.9	37	00	8	28	1	0	0	—	16.4	+1.1	21.2	33	+1	17	+2	58	0	1	—	156
LUXOR	00	9	02	1	0	0	—	14.0	31.2	34	00	9	26	2	0	0	—	17.2	—	22.0	33		14		58	0	3	—	157
ASWAN	00	7	30	4	0	0	—	13.5	30.1	27	00	7	02	2	0	0	—	16.7	+2.0	23.1	31	-2	18	0	39	0	dr	—	158
Western Desert																													
SIWA	00	8	00	0	0	0	—	15.4	32.8	45	00	8	00	0	0	0	—	19.4	+1.8	22.2	34	+5	9	-4	58	0	0	0	148
BAHARIYA	00	9	30	1	0	0	—	18.2	29.0	52	00	9	32	1	0	0	—	19.4	—	18.7	30		13		70	0	0		149
KHARGA	00	8	04	3	0	0	—	14.3	30.5	34	00	8	08	1	0	0	—	18.0	+2.2	22.6	30	-1	18	+3	48	0	0	tr	151
DAKHLA	00	8	04	2	0	0	—	16.4	30.5	55	00	7	00	0	0	0	—	18.8	+1.8	17.3	31	0	15	+1	69	0	0	—	152
Red Sea																													
TOR	00	7	28	5	0	3	Ac.	14.6	25.0	72	00	6	32	3	0	0	—	16.4	+1.2	25.9	26	-2	17	+1	48	0	10	0	145
HURGHADA	00	9	32	3	0	0	—	13.9	27.0	46	00	9	30	4	0	0	—	16.6	+1.2	23.5	29	0	18	+1	57	0	1	—	146
QUSEIR	00	7	02	2	0	0	—	15.0	27.0	44	00	7	32	4	0	0	—	16.0	+1.1	26.0	28	-1	22	+1	51	0	2	0	147
PORT SUDAN											02	—	32	4	0	4	—	12.8	-0.1	28.2	33	+1	24	0	58	0	14	13	169
North Sudan																													
WADI HALFA											00	8	32	2	0	0	—	16.3	+1.5	20.7	32	-2	15	-1	36	—	—	—	165
KAREIMA											00	7	04	3	0	0	—	13.6	+1.2	25.1	35	-3	20	0	30	0	dr	1	166
ATBARA											00	—	04	2	0	0	—	12.2	+1.0	28.5	35	-2	21	0	41	0	1	1	167
KHARTUM											00	8	04	3	0	0	—	10.7	+0.7	26.7	38	0	23	+1	33	0	24	5	168
KASSALA											00	8	10	2	0	0	—	8.3	-1.5	30.4	38	0	25	+3	53	0	7	11	170
Central Sudan																													
WAD MEDANI											00	—	06	4	0	0	—	9.6	-0.3	27.5	37	-1	22	+1	49	0	44	12	171
DUEIM											00	—	—	—	0	0	—	10.0	0.0	28.4	37	-1	24	+3	43	0	17	12	173
RENK																												—	182
ROSEIRES *											00	—	14	1	0	0	—	9.6	-0.3	25.8	38	+1	20	+1	73	0	72	31*	172
EL OBEID											00	8	32	3	0	0	—	10.3	-1.5	24.8	35	0	20	+2	28	0	20	19	174
EL FASHER											00	8	32	2	0	0	—	—	—	18.8	34	-1	13	-2	40	0	4	8	175
GENEINA											05	7	06	5	0	0	—	—	—	21.5	34	—	16	—	22	0	19	—	179
KADUGLI	01	9	04	5	0	2	Cu	5.6	34	42																		—	187
South Sudan																													
MALAKAL											01	8	28	3	0	2	Ac	10.0	-0.8	23.7	32	-3	18	-2	80	0	75	81	176
WAU	03	—	32	2	1	7	—	3	33	45	00	—	28	1	0	0	—	8.8	-1.0	24.0	33	-2	21	+1	83	0	97	128	177
JUBA											01	9	22	3	1	5	6; Cu	10.3	-0.4	23.8	32	-3	20	0	83	6	120	97	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 6h	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA 5h	KAREIMA 5h	KHARTUM 5h	KASSALA 6h	EL OBEID 6h	MALAKAL 6h	JUBA 6h	Fasher 6h
02.25.35							03.02.30	06.03.60	06.01.55	06.09.45	07.01.35	06.24.05	06.27.55	09.36.20
05.23.20							06.04.50	10.05.60	10.04.45	10.07.40	10.05.55	10.35.20	10.25.55	10.02.30
10.32.20							10.04.45	15.05.60	15.05.45	15.05.35	15.04.45	15.02.40	15.23.35	15.06.45
15.29.35							15.03.35	20.04.30	20.10.30	20.06.20	20.04.35	20.03.55	20.19.25	20.04.25
20.29.30							20.04.35	25.08.10	25.11.35	30.23.10	30.19.15	30.07.35	30.15.40	30.10.15
25.30.45							29.06.30	30.09.12	30.14.30	40.16.10		40.11.40	40.15.50	40.08.95
									40.13.20	50.31.10		43.11.35	43.15.55	44.08.86
									46.20.05	57.26.20				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Humidity on 2nd	Diff. from normal	Wet bulb temp. on 2nd	Diff. from normal
Alexandria	64	-2	18.6	+1.0
Ezbekiya	60	-6	17.1	-0.6
Giza	76	+6	16.9	-0.7
Helwan	49	-6	15.3	-0.2

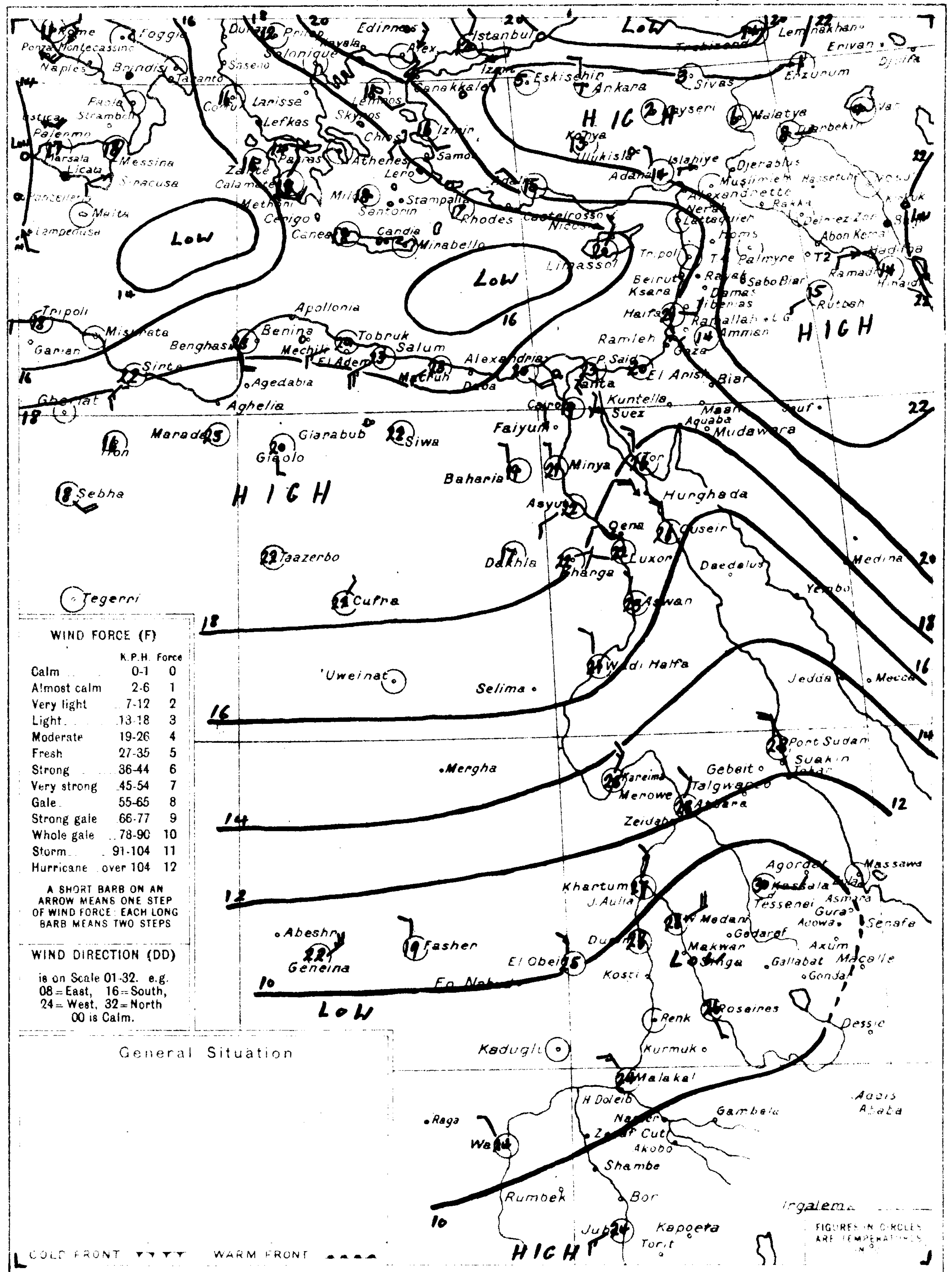
Giza Grass minimum: 3rd 5.3 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
3-11	2315	4491
2-11	2315	4589

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1-11	13.13	-0.58	13.10	-0.61
Nasser	1-11	10.55	-0.05	10.55	-0.04
Malakal	2-11	12.24	-0.09	12.24	-0.09
Roseires	2-11	15.34	+0.56	15.45	+0.62
Sennar Res	3-11	18.06	—	17.98	—
J. Aulia U.S.	1-11	375.65	—	375.71	—
J. Aulia D.S.	1-11	373.20	+0.01	373.32	+0.09
Khartum	1-11	13.11	+0.18	13.29	+0.27
Kh. el Girba	1-11	11.16	+0.07	11.18	+0.05
Atbara	1-11	12.63	+0.44	12.78	+0.54
Kajnarti	1-11	137.10	-0.60	136.87	-0.91
Aswan Res	3-11	115.16	—	114.82	—
Aswan D.S.	3-11	87.74	-0.84	87.74	-0.95
Roda (Cairo)	1-11	16.42	-1.67	16.54	-1.62

Isobars, Wind and Temperature at 8 h. 3-11-39 ٢٩-١١-٣



PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist	08
Distant Fog	09
Rain in sight	10
Thunder	11
Distant Duststorm	13
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in last hour	41
Th	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" Heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Overcast	7
Overcast	8
Fog	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 3rd (الساعة ٨ يوم ٣)

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	Rain past 24 h	Total since Oct 1	Normal from Oct 1
Limassol	00	6	04	2	0	0	—	16.3	+0.1	20	—	—	—	—	—	0	10	27
Halfa	00	—	08	2	—	0	—	20.3	+5.1	20.6	26	-1	17	+2	53	0	1	23

SHIPS

Remarks:
* Two millimetres of rain fell at Roseires on 12-10-39.

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 - 500

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

CAIRO
Time of Sunrise 06 11 (h. m)
,, ,, Sunset 17 06

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month **NOVEMBER** 1939 — شهر نوفمبر ١٩٣٩

At 14 h. on **3rd** — الساعة ١٤ يوم ٣ | At 8 h. on **SATURDAY 4th** — الساعة ٨ يوم السبت ٤

STATION	3rd 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	4th 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	01	8	26	4	1	2	Sc	16.6	33.9	15	00	6	22	5	0	0	—	17.8	-0.3	21.5	34	—	19	—	24	0	tr	—	130
MATRUH	01	7	32	2	1	4	Ac	17.2	26.8	64	00	8	18	2	0	0	—	17.5	+0.2	25.0	27	+2	20	+4	74	0	tr	17	131
DIKHEILA	00	8	16	1	0	1	Cc	18.4	30.4	27	01	8	14	3	0	2	Ac	19.6	—	18.5	31	—	16	—	70	0	dr	—	150
ALEXANDRIA	02	9	12	2	2	4	Ac	18.0	29.0	39	01	9	14	3	2	3	Ac	14.6	+2.1	20.0	30	+4	17	-1	73	0	tr	9	132
DAMIETTA											00	8	14	1	0	0	—	19.8	—	22.1	26	—	17	—	78	0	dr	9	159
PORT SAID	00	7	28	3	1	0	—	18.4	25.5	58	00	8	12	2	0	0	—	19.6	+3.9	23.4	—	—	—	—	70	0	dr	4	134
EL 'ARISH	00	7	28	1	0	0	—	18.7	24.0	53	00	7	12	1	0	0	—	20.0	—	20.0	27	—	14	—	60	0	tr	5	135
LOWER EGYPT																													
DAMANHUR											00	8	12	3	0	0	—	19.8	+2.0	19.8	31	+3	16	+2	74	0	dr	6	136
MANSURA											00	8	12	2	0	0	—	19.9	—	19.9	29	+1	15	-1	73	0	dr	4	137
TANTA	02	8	00	0	1	4	Ci	18.8	30.0	36	00	8	00	0	0	0	—	19.4	+1.4	22.0	30	+2	14	0	66	0	dr	4	138
ZAGAZIG	00	9	26	1	0	0	—	18.4	29.9	55	00	8	12	1	0	0	—	20.3	—	22.4	31	+3	14	0	74	0	dr	3	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	30	2	0	1	Ci	17.6	29.0	40	05	6	10	1	0	0	—	19.5	—	21.1	30	—	15	—	56	0	1	—	141
CAIRO EZBEKIYA	01	8	30	3	0	2	Ci	17.5	30.1	30	05	5	00	0	0	0	—	19.5	+2.4	19.1	31	+4	16	+1	74	0	dr	2	—
CAIRO GIZA	00	7	02	1	0	1	Ci	17.8	30.5	34	05	6	00	0	0	1	Sc	19.6	+2.5	17.9	31	+3	12	-2	78	0	tr	3	—
HELWAN	00	7	26	2	0	1	Ci	17.4	28.9	24	05	5	00	0	0	0	—	19.5	+2.2	21.7	30	+3	17	+1	40	0	1	1	143
SUEZ	00	9	32	1	0	0	—	17.9	27.8	35	00	8	32	1	0	0	—	18.8	+2.8	19.0	29	+1	15	-3	66	0	dr	2	144
UPPER EGYPT																													
FAIYUM	00	8	00	0	0	0	—	17.5	30.5	34	00	7	00	0	0	0	—	19.6	+2.8	23.0	33	+5	14	0	49	0	0	0	153
MINYA	00	8	28	3	0	0	—	17.0	29.7	29	08	4	30	1	0	0	—	18.7	+1.4	19.2	30	+3	15	0	70	0	dr	—	154
ASYUT	00	7	30	3	0	0	—	16.3	29.1	34	00	6	24	2	0	0	—	18.7	+2.4	20.7	31	+3	16	+2	61	0	0	0	155
QENA	00	8	32	1	0	0	—	13.8	32.8	25	00	8	26	1	0	0	—	17.0	+1.6	26.8	34	+2	15	0	62	0	1	—	156
LUXOR	00	9	02	2	0	0	—	14.0	33.0	26	00	9	10	1	0	0	—	17.4	—	23.0	34	—	14	—	52	0	3	—	157
ASWAN	00	7	32	2	0	0	—	12.8	31.9	19	00	7	00	0	0	0	—	16.8	+2.0	22.2	33	0	17	-1	38	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	18.2	30.0	50	00	8	00	0	0	0	—	19.9	+2.3	25.2	34	+6	9	-4	67	0	0	0	148
BAHARIYA	00	9	00	0	0	0	—	17.9	31.0	40	00	9	00	0	0	0	—	20.3	—	20.3	33	—	13	—	56	0	0	—	149
KHARGA	00	8	32	3	0	0	—	14.8	30.0	35	00	8	32	2	0	0	—	18.3	+2.4	19.9	31	0	20	+5	56	0	0	tr	151
DAKHLA	00	8	02	3	0	0	—	16.8	31.5	47	00	7	00	0	0	0	—	19.2	+2.1	19.5	32	+1	17	+3	68	0	0	—	152
RED SEA																													
TOR	00	7	28	5	0	0	—	15.4	26.3	74	00	6	32	1	0	0	—	16.7	+1.4	25.5	27	0	18	+2	48	0	10	1	145
HURGHADA											00	9	30	3	0	0	—	16.3	+0.8	25.1	28	-1	17	0	44	0	1	—	146
QUSEIR	00	7	32	3	0	0	—	15.5	28.0	48	00	7	32	4	0	0	—	15.8	+0.8	26.7	28	-1	23	+2	56	0	2	0	147
PORT SUDAN	02	—	32	4	2	5	—	12	34	65	00	—	32	4	1	0	—	15.0	+2.0	28.4	34	+2	25	+1	63	0	14	15	169
NORTH SUDAN																													
WADI HALFA	00	8	32	4	1	0	—	11.9	33	21	00	8	02	3	0	0	—	16.1	+1.1	21.7	34	+1	16	0	31	—	—	—	165
KAREIMA	00	7	04	2	0	0	—	9.7	34	20	00	7	02	3	0	0	—	14.0	+1.5	25.1	35	-2	21	+1	24	0	dr	1	166
ATBARA	01	—	06	2	0	4	—	4	35	25	00	—	04	3	0	0	—	12.0	+0.7	29.0	35	-2	23	+2	42	0	1	1	167
KHARTUM	00	8	00	0	0	0	—	5.6	38	22	00	7	04	3	0	1	Ac	11.3	+1.2	22.8	37	+1	24	+2	40	0	24	5	168
KASSALA											00	8	12	2	0	0	—	8.8	-1.0	30.5	38	0	24	+2	57	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	04	3	0	5	—	5	37	25	00	—	04	4	0	0	—	9.8	-0.2	28.3	38	0	22	+1	48	0	44	12	171
DUEIM	02	—	24	2	0	5	—	6	36	35	02	—	—	—	0	4	—	11.0	+0.9	29.4	31	-1	25	+4	68	0	17	12	173
RENK	01	7	02	2	1	3	—	4.0	37	20																		—	182
ROSEIRES	02	—	04	1	0	5	—	6	35	35	02	—	18	1	1	4	—	9.1	-0.8	27.2	37	0	20	+1	66	0	72	32	172
EL OBEID	00	8	30	2	0	0	—	6.7	34	20	00	8	30	3	0	0	—	11.1	-0.8	25.2	35	0	21	+3	30	0	20	19	174
EL FASHER	01	—	04	2	—	3		—	32	15	00	8	04	2	0	0	—	—	—	18.1	33	-2	13	-2	38	0	4	8	175
GENEINA	00	8	—	—	—	—	—	—	33	—																		—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL	01	8	16	3	0	2	Cu	5.6	33	20	02	8	22	3	1	6	Ac	11.0	+0.2	25.3	33	-2	22	+2	76	0	75	81	176
WAU	03	—	04	2	1	7	—	5	33	45	02	—	20	3	0	4	—	9.7	-0.1	24.7	34	-1	21	+1	78	0	97	129	177
JUBA																												98	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 h. m.	CAIRO h. m.	HELWAN 7 h.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA h. m.	EL FASHER 6 h.
02.26.40	02.25.25			02.10.05	02.30.15	02.36.15	03.03.25	06.05.60	06.02.40	06.10.25	07.01.70	06.23.10		09.02.15
05.26.—	05.28.30			05.06.15	05.04.35	05.02.40	07.05.50	10.03.70	10.03.50	10.08.25	10.04.55	10.21.05		10.04.35
10.26.30	10.28.30			08.04.15	10.01.40	10.03.50	10.04.50	15.05.70	15.01.30	15.04.25	15.03.35	15.36.05		20.02.10
15.28.30	15.30.30			10.02.15	15.01.45	20.02.45	15.02.35	20.05.10	20.32.15	20.05.20	20.22.15	20.01.25		30.12.15
20.30.35	20.30.45			15.36.40	20.01.50		20.04.30	24.01.10	25.20.15	30.23.05	26.24.15	30.06.25		40.12.20
23.31.35				20.36.45			30.05.15		30.21.15	40.21.35		33.06.35		
				23.35.50			40.10.10		40.21.25	50.06.05				
				25.15.50			50.24.35		50.10.10	54.12.15				
				19.36.40			80.33.40		57.05.20					
							90.33.50							

Forecast for 24 hours from noon on 4th

On the coast light southerly winds becoming moderate or fresh west to northwest.
Inland light variable winds, becoming moderate northerly. Clear or occasional high cloud. Slightly cooler tomorow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤

رياح خفيفة جنوبية على الساحل تتحول الى رياح او شديدة نوعا . ترتيب غربية الغرب و الشمال الغربي
و رياح خفيفة متقلبة الاتجاه تتحول الى شمالية معتدلة في الداخل . السماء صحو او يظهر بها بعض السحاب العالي
ويبرد الطقس قليلا غدا

STATION	Mean of day: Humidity % on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria				
Ezbekiya	53	-13	17.0	-0.6
Giza	58	-12	17.7	+0.2
Helwan	43	-12	15.5	+0.1

Giza Grass minimum on 4th 4.6 °C

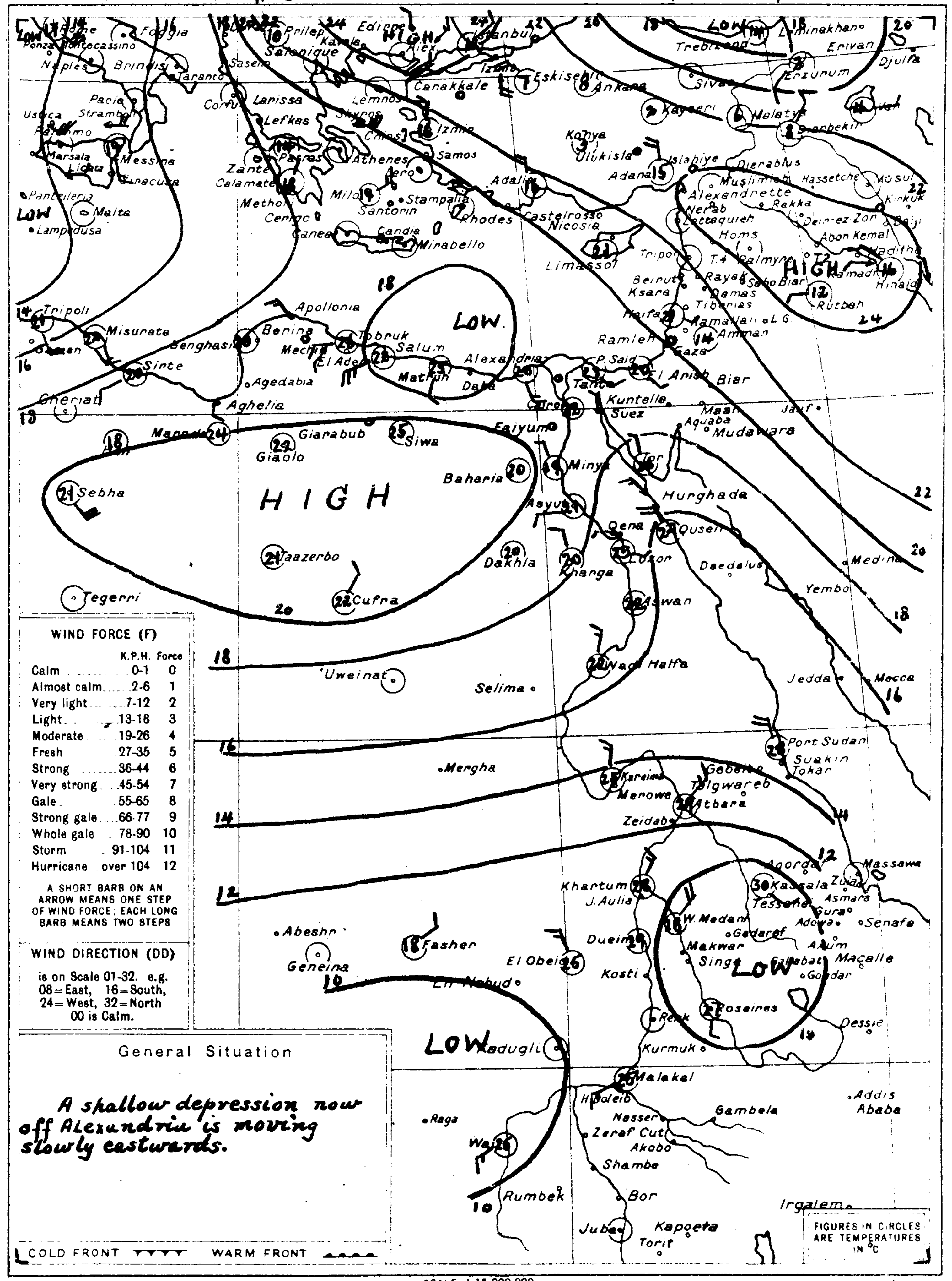
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
3-11	2315	4491
2-11	2315	4589

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	3-11	13.10	-0.61	13.12	-0.59
Nasser	3-11	10.55	-0.03	10.55	-0.04
Malakal	4-11	12.25	-0.08	12.24	-0.09
Roseires	4-11	15.22	+0.52	15.27	+0.52
Sennar Res	3-11	18.06	—	17.98	—
J. Aulia U.S	3-11	375.58	—	375.58	—
J. Aulia D.S	3-11	373.02	-0.09	373.09	-0.06
Khartum	3-11	12.80	-0.02	12.95	+0.08
Kh. el Girba	3-11	11.15	+0.09	11.15	+0.08
Atbara	3-11	12.32	+0.28	12.46	+0.35
Kajnarti	3-11	137.82	+0.37	137.98	-0.04
Aswan Res.	3-11	115.16	—	114.82	—
Aswan D.S.	3-11	87.74	-0.86	87.74	-0.92
Roda (Cairo)	3-11	16.40	-1.56	16.40	-1.63

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

١٩٣٩-١١-٤ Isobars, Wind and Temperature at 8 h. 4-11-1939



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 now off Alexandria is moving slowly eastwards.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

At 8 h. on 4th — الساعة ٨ يوم ٤

STATION مرصد	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	00	0	0	0	—	20.6	+4.4	21	—	—	—	—	—	0	10	30
HAIFA	00	—	10	1	—	0	—	20.7	+5.4	20.9	26	-1	14	-1	44	0	1	26
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 12 m

" " Sunset 17 h 05 m

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

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

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	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	00	8	30	4	0	0	—	17.0	31.5	18	02	7	06	3	2	5	cb	18.8	+0.7	21.9	32	—	17	—	84	0	dr	—	130
	MATRÛH	00	7	28	2	0	0	—	16.8	27.2	67	02	8	32	2	1	5	cb	18.3	+0.9	24.1	31	+6	21	+5	82	0	tr	18	131
	DIKHEILA	00	8	14	1	0	0	—	18.2	32.1	21	00	7	10	1	0	1	Cu	18.7	—	20.4	33	—	17	—	77	0	dr	—	150
	ALEXANDRIA	00	9	16	1	0	0	—	17.6	30.4	33	00	9	12	1	0	0	—	18.6	+1.0	20.4	32	+6	18	0	78	0	tr	10	132
	DAMIETTA											00	8	10	2	0	0	—	17.8	—	24.0	26	—	20	—	75	0	dr	9	159
	PORT SAÎD	00	7	04	3	0	0	—	18.0	25.0	73	00	8	04	2	0	0	—	17.9	+2.2	25.5	27	+1	20	+2	72	0	dr	5	134
	EL 'ARÎSH	00	7	04	2	0	0	—	18.4	24.5	53	00	7	00	0	0	0	—	16.2	—	18.8	25	—	13?	—	66	0	tr	6	135
LOWER EGYPT	DAMANHÛR											00	8	12	3	0	0	—	18.2	+0.3	19.2	32	+4	16	+2	87	0	dr	7	136
	MANṢURA											00	8	04	1	0	0	—	17.9	—	20.0	30	+2	16	+1	79	0	dr	4	137
	TANTA	00	8	00	0	0	0	—	17.5	30.0	36	00	8	08	2	0	0	—	17.9	-0.2	23.0	31	+3	14	0	74	0	dr	4	138
	ZAGÂZIG	00	9	02	1	0	0	—	18.7	31.4	56	00	8	10	2	0	0	—	18.3	—	22.8	32	+5	15	+1	73	0	dr	3	139
MIDDLE EGYPT (CAIRO)	ALMAZA	00	8	26	1	0	0	—	17.8	30.1	35	05	6	00	0	0	1	Ci	19.4	—	20.6	31	—	16	—	49	0	1	—	141
	EZBEKIYA	00	8	30	2	0	0	—	17.5	30.7	27	05	6	28	1	0	0	—	17.8	+0.6	18.7	32	+5	15	0	58	0	dr	2	—
	GIZA	00	7	32	1	0	0	—	17.6	31.0	33	05	5	00	0	0	0	—	18.0	+0.8	17.7	31	+4	11	-3	79	0	tr	3	—
	HELWÂN	05	7	28	4	0	0	—	17.2	29.5	22	05	5	00	0	0	0	—	17.8	+0.5	17.9	30	+3	16	0	56	0	1	1	143
	SUEZ	00	9	32	2	0	0	—	17.4	28.8	34	00	7	32	1	0	0	—	17.4	+1.4	19.7	30	+2	14	-3	74	0	dr	3	144
UPPER EGYPT	FAIYUM	00	8	30	2	0	0	—	17.8	31.0	29	00	8	00	0	0	0	—	17.9	+1.0	22.5	34	+6	15	+1	48	0	0	0	153
	MINYA	00	7	32	3	0	0	—	17.2	29.9	32	00	6	32	1	0	0	—	17.1	-0.3	20.0	30	+3	16	+1	69	0	dr	—	154
	ASYUT	00	7	26	3	0	0	—	15.9	29.8	38	00	6	22	3	0	0	—	16.8	+0.4	21.8	32	+4	17	+3	59	0	0	0	155
	QENA	00	8	22	1	0	0	—	13.6	32.0	33	00	8	28	1	0	0	—	15.8	+0.3	20.2	34	+2	15	0	59	0	1	—	156
	LUXOR	00	9	02	2	0	0	—	14.3	33.1	23	00	9	06	2	0	0	—	16.2	—	23.8	34	—	13	—	43	0	3	—	157
	ASWÂN	00	7	30	2	0	0	—	12.6	32.9	20	00	7	00	0	0	0	—	15.4	+0.5	21.6	34	+1	20	+2	44	0	dr	—	158
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	19.8	34.0	41	00	8	00	0	0	0	—	19.9	+2.2	18.0	35	+7	9	-3	73	0	0	0	148
	BAHARIYA	00	9	32	1	0	0	—	16.4	32.0	33	00	9	32	1	0	0	—	18.7	—	20.6	33	—	13	—	34	0	0	—	149
	KHARGA	00	8	04	3	0	0	—	15.1	29.5	35	00	8	00	0	0	0	—	16.8	+0.8	23.4	31	0	19	+4	50	0	0	tr	151
	DÂKHLA	00	8	32	4	0	0	—	16.6	33.0	44	00	7	00	0	0	0	—	17.9	+0.7	20.0	34	+4	18	+4	57	0	0	—	152
RED SEA	TOR	00	7	28	6	0	0	—	14.3	27.8	71	00	6	32	3	0	0	—	15.0	-0.3	25.1	31	+4	17	+1	54	0	10	1	145
	HURGHADA	00	9	02	2	0	0	—	15.1	29.0	56	00	9	30	3	0	0	—	15.1	-0.5	26.5	29	+1	17	0	40	0	1	—	146
	QUṢEIR	00	7	32	3	0	0	—	15.0	29.0	48	00	7	30	3	0	0	—	14.7	-0.4	28.2	30	+1	23	+2	39	0	2	1	147
	PORT SUDAN											80	—	28	2	6	8	—	12.8	-0.2	27.7	33	+1	26	+2	80	1	15	17	169
NORTH SUDAN	WÂDI HALFA	00	9	32	5	0	0	—	12.1	33	11	00	8	30	3	0	0	—	14.5	-0.5	21.4	33	0	15	-1	29	—	—	—	165
	KAREIMA	00	8	04	2	0	0	—	10.4	34	16	00	8	04	3	0	0	—	12.7	+0.1	25.7	35	-2	18	-2	21	0	dr	1	166
	'ATBARA	01	—	32	2	0	3	—	8	36	25	00	—	28	2	0	0	—	12.0	+0.6	27.0	36	-1	20	-1	31	0	1	1	167
	KHARTÛM	00	8	04	2	0	1	Cu	6.2	—	26	00	8	06	2	0	0	—	11.2	+1.0	27.3	39	+1	23	+1	39	0	24	5	168
	KASSALA	01	8	14	2	0	3	Cu	3.8	38	33	01	8	06	1	0	2	Ac	9.3	-0.6	29.0	38	0	24	+2	59	0	7	11	170
CENTRAL SUDAN	WAD MEDANI	02	—	32	3	0	4	—	6	37	25	00	—	04	4	0	0	—	10.2	+0.1	28.3	37	-1	20	-1	38	0	44	12	171
	DUEIM	02	—	—	—	0	4	—	7	36	35	00	—	—	—	0	0	—	8.4	-1.8	28.4	37	-1	24	+3	50	0	17	12	173
	RENK	02	7	18	2	0	5	Cu	7.0	33	46	01	7	12	2	1	3	St	10.7	—	27	35	—	20	—	60	0	—	—	182
	ROSEIRES	02	—	14	1	0	4	—	6	36	25	00	—	18	1	1	0	—	10.7	+0.8	26.9	38	+1	20	+1	69	0	72	32	172
	EL OBEID	00	8	32	3	0	0	—	6.5	34	21	00	8	30	1	0	0	—	11.2	-0.7	24.1	35	0	20	+2	34	0	20	19	174
	EL FÂSHER	00	—	02	3	0	0	—	—	33	15	00	8	26	1	0	0	—	—	—	18.3	34	-1	13	-2	30	0	4	8	175
	GENEINA											00	8	04	2	0	0	—	—	—	21.6	35	—	13	—	12	0	19	—	179
	KADUGLI	00	7	04	5	0	0	—	6.9	35	40	00	9	28	5	0	1	—	12.0	—	22	36	—	19	—	75	0	—	—	187
S. SUDAN	MALAKÂL	05	8	22	3	5	6	Ac,As	9.4	29	60	01	8	28	2	0	3	Ac	10.2	-0.6	24.7	30	-5	20	0	79	dr	75	82	176
	WÂU	03	—	04	3	1	7	—	6	33	55	00	—	28	1	6	0	—	9.5	-0.3	23.0	33	-2	20	0	86	82	179	130	177
	JÛBA	00	8	04	4	0	0	—	13.1	33	12																		99	178

UPPER WINDS ON 5th الرياح العليا يوم ٥

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

SALUM 7 h.	MATRÛH 7 h.	P. SAID 9 h.	CAIRO 8 h 30 m	HELWAN 8 h 30 m	ASYUT 8 h.	ASWÂN 7 h.	WÂDI HALFA 4 h.	KAREIMA 6 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 3 h.	EL FASHER 6 h.	GENEINA 6 h.
02.02.20	02.01.20	02.10.15	02.07.20	02.32.05	02.28.10	02.02.25	03.03.25	06.05.45	06.01.45	06.07.15	07.01.35		09.01.25	
05.05.30	05.03.20	05.07.25	05.05.15	05.05.15	05.04.30	05.05.15	06.04.50	10.07.40	10.03.35	10.06.25	10.04.55	10.09.05	10.03.40	10.04.60
10.06.35		10.02.25	10.04.05	08.35.05	10.03.35	10.05.35	10.03.45	15.04.25	15.36.20	15.05.25	15.03.40	15.04.35	15.05.55	15.06.60
11.02.30		13.33.05	15.22.10	10.36.10	15.02.35	15.05.25	15.04.45	20.05.20	20.29.15	20.05.10	20.03.25	20.05.25	20.01.15	20.05.30
13.36.25			20.29.25	15.27.10	20.02.35	20.04.40	20.05.40	25.05.15	25.27.30	30.33.05	24.35.10	30.07.35	30.09.25	30.14.05
15.33.30			25.30.35	20.29.25		25.08.20	30.11.25	30.36.10	30.25.20	40.19.15		33.06.25	40.16.15	40.36.00
20.33.30			30.36.25	23.30.30			35.23.05	40.25.30	40.20.15	50.22.30				50.05.10
25.35.35			35.36.30	25.30.30				50.36.25	50.19.10	54.29.05				56.07.25
30.33.35			40.01.30	27.31.30				60.31.20						
			45.36.30					70.35.50						

Forecast for 24 hours from noon on 5th

On the coast light north to northeast winds becoming moderate to fresh.

Inland light variable winds chiefly northerly.

Occasional high cloud.

Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٥

رياح خفيفة شمالية الى شمالية شرقية على الساحل تصير

معتدلة فيما بعد ورياح خفيفة مختلفة الاتجاه تتحول الى

الشمالي في الغالب في الداخل

يظهر بعض السحاب العالي

ولا تتغير درجة الحرارة إلا قليلا

STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet Bulb Temp °C on 4th	Diff. from normal
Alexandria	60	-6	18.5	+1.1
Ezbekiya	58	-8	17.2	-0.3
Giza	68	-2	17.4	+0.1
Helwân	29	-26	15.3	+0.1

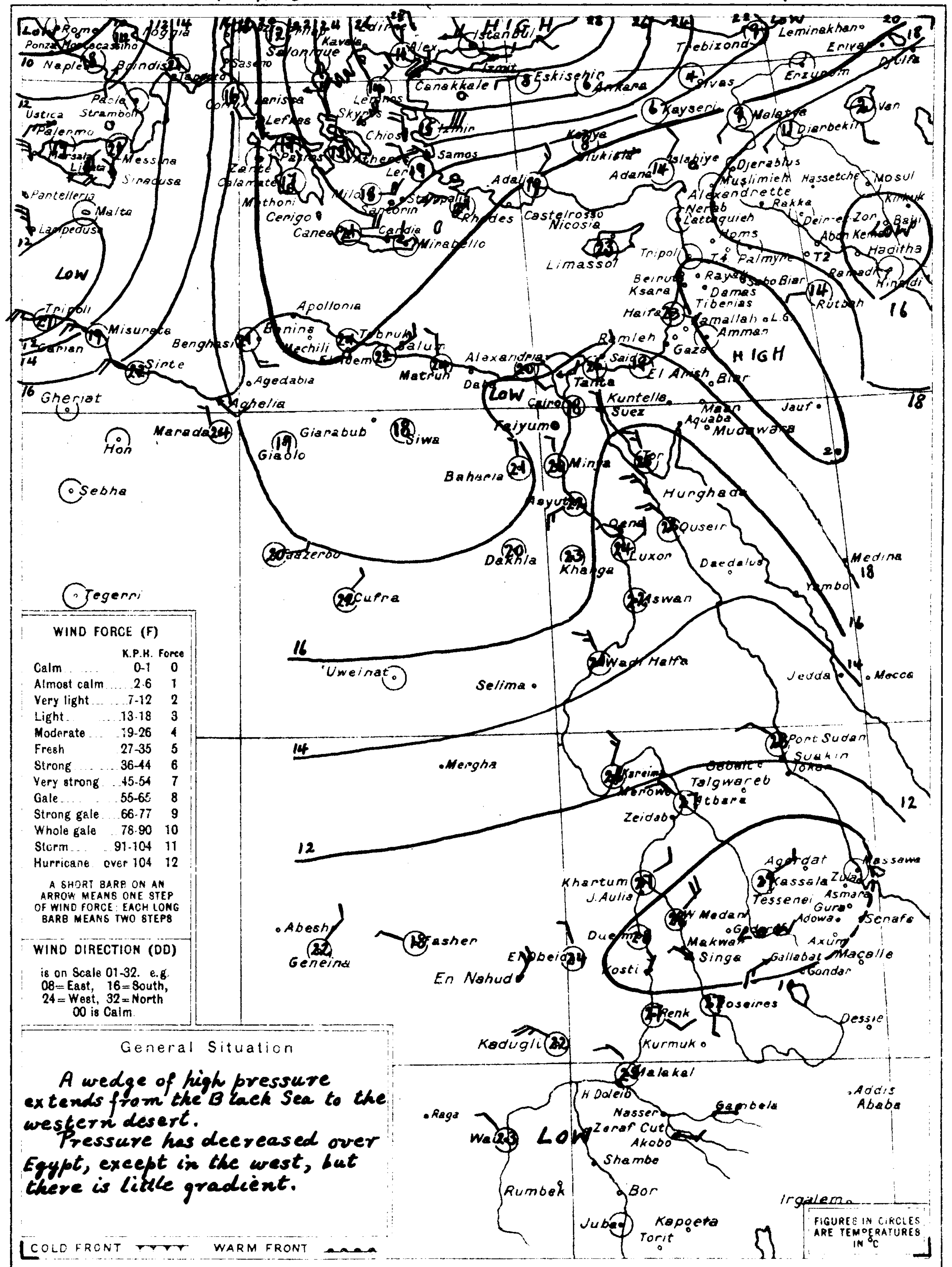
Giza Grass minimum on 5th 3.8 °C

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

DATE	1939	1938
4-11	2315	4400
3-11	2315	4491

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-11	13.10	-0.61	13.12	-0.59
Nâsser	3-11	10.55	-0.03	10.55	-0.04
Malakal	4-11	12.25	-0.08	12.24	-0.09
Roseires	4-11	15.22	+0.52	15.27	+0.52
Sennâr Res.	4-11	18.20	—	18.06	—
J. Aulia U.S	3-11	375.58	—	375.58	—
J. Aulia D.S	3-11	373.02	-0.09	373.09	-0.06
Khartûm	3-11	12.80	-0.02	12.95	+0.08
Kh. el Girba	3-11	11.15	+0.09	11.15	+0.08
'Atbara	3-11	12.32	+0.28	12.46	+0.35
Kajnarti	2-11	137.82	+0.37	137.48	-0.04
Aswân Res.	4-11	115.60	—	115.16	—
Aswân D.S	4-11	87.74	-0.70	87.74	-0.84
Roda (Cairo)	5-11	16.44	-1.42	16.40	-1.49

Isobars, Wind and Temperature at 8 h. 5-11-1939 ١٩٣٩-١١-٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 Black Sea to the western desert.

Pressure has decreased over Egypt, except in the west, but there is little gradient.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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	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	00	0	0	0	—	18.3	+2.0	23	—	—	—	—	—	0	10	32
HAIFA	00	—	10	1	—	0	—	18.4	+3.1	23.2	28	+1	18	+3	38	0	1	29
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 06h 13m
" " Sunset 17h 03m

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

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	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP Bar. press. M.S.L. 1000+ mbs	14h TTT Temp. °C	14h UU % Humidity	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 °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	06	4	2	4	Cu	17.8	24.6	77	01	6	16	2	0	2	Sc	16.6	-1.6	20.5	25		18		86	0	dr	—	130
MATRÛH	01	7	04	3	•	2	Cu	17.2	25.2	88	01	7	20	1	1	4	Cu	17.1	-0.3	23.2	27	+2	17	+2	81	0	tr	19	131
DIKHEILA	01	8	04	4	1	3	Cu	17.5	24.2	70	01	8	12	1	0	3	Sc	17.6	—	21.3	26	—	18	—	71	0	dr	—	150
ALEXANDRIA	02	9	32	4	2	4	Ac	17.0	27.0	60	01	9	00	0	2	3	Cu	16.3	-1.3	22.6	30	+4	19	+2	68	0	tr	12	132
DAMIETTA											00	8	30	1	1	1	Ac	15.9	→	22.4	26	—	18	—	74	0	dr	10	159
PORT SAÏD	01	7	02	3	1	3	Ac	16.0	26.8	58	01	8	04	3	1	3	Cu	16.0	+0.2	23.6	28	+2	21	+3	66	0	dr	5	134
EL 'ARISH	00	7	06	3	0	0	—	16.6	24.2	52	00	7	00	0	0	0	—	15.9	—	20.0	25	—	14	—	72	0	tr	6	135
LOWER EGYPT																													
DAMANHÛR											00	7	06	2	0	0	—	16.7	-1.2	20.2	30	+2	16	+2	83	0	dr	7	136
MANṢÛRA											00	8	04	1	0	0	—	16.3	—	20.3	29	+1	17	+2	79	0	dr	4	137
TANTA	00	8	00	0	0	0	—	15.9	29.0	46	00	8	00	0	0	0	—	16.6	-1.5	22.0	30	+2	14	0	74	0	dr	4	138
ZAGÂZÎG	00	9	02	1	0	0	—	17.0	30.2	60	00	8	02	1	0	0	—	16.6	—	23.8	31	+4	15	+1	76	0	dr	3	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	01	8	04	2	0	2	Ci	15.4	30.5	19	00	7	06	3	0	0	—	16.3	—	21.2	32		16		65	0	1	—	141
EZBEKÎYA	00	9	32	1	0	0	—	15.1	32.0	28	00	7	04	1	0	0	—	16.0	-1.2	19.3	33	+6	16	+1	77	0	dr	2	—
GÎZA	00	7	00	0	0	0	—	15.1	31.9	29	05	6	04	1	0	0	—	16.2	-1.1	19.9	32	+5	14	+1	79	0	tr	4	—
HELWÂN	00	7	26	2	0	0	—	14.4	30.1	22	05	6	04	3	0	0	—	15.9	-1.5	20.9	31	+5	18	+2	67	0	1	2	143
SUEZ	00	9	02	2	0	0	—	15.1	29.3	32	00	8	28	2	0	0	—	14.8	-1.3	20.0	31	+3	17	0	72	0	dr	3	144
UPPER EGYPT																													
FAIYÛM	00	8	00	0	0	0	—	15.1	32.2	28	00	7	32	2	0	0	—	15.9	-1.1	20.5	34	+6	17	+3	74	0	0	0	153
MINYA	00	7	02	2	0	0	—	14.7	30.5	26	00	7	30	1	0	0	—	14.7	-2.7	18.9	31	+4	15	0	79	0	dr	—	154
ASYÛT	00	7	22	3	0	0	—	14.0	31.2	28	00	6	22	3	0	0	—	15.0	-1.5	20.0	32	+4	15	+1	59	0	0	0	155
QENA	00	8	22	1	0	0	—	12.4	33.2	44	00	8	26	1	0	0	—	14.3	-1.3	21.6	36	+4	15	0	49	0	1	—	156
LUXOR	00	9	30	2	0	•	—	12.8	34.8	28	00	9	10	2	0	0	—	14.4	—	23.2	36	—	14	—	52	0	3	—	157
ASWÂN	00	7	32	2	0	0	—	11.0	33.3	11	00	7	02	1	0	0	—	13.6	-1.4	23.6	34	+1	20	+2	25	0	dr	—	158
WESTERN DESERT																													
SÎWA	00	8	00	0	0	0	—	16.2	30.2	66	00	8	00	0	0	0	—	17.4	-0.4	20.0	32	+4	—	—	38	0	0	0	148
BAHARÎYA	00	9	32	1	0	0	—	15.8	29.1	45	00	9	32	1	0	0	—	15.4	—	18.3	31	—	13	—	89	0	0	—	149
KHÂRGA	00	8	04	2	0	0	—	13.0	33.4	32	00	8	00	0	0	0	—	15.6	-0.4	20.3	34	+3	15	0	54	0	0	tr	151
DÂKHLA	00	8	02	4	0	•	—	14.8	34.0	45	00	7	00	0	0	0	—	15.9	-1.4	18.0	35	+5	14	0	63	0	0	—	152
RED SEA																													
TÔR	00	6	28	4	0	0	—	12.6	29.1	70	00	5	32	3	0	0	—	13.5	-1.9	22.0	30	+3	16	+1	54	0	10	1	145
HURGHÂDA	00	9	32	3	0	0	—	12.8	30.3	42	00	9	30	3	0	0	—	13.6	-2.1	24.9	31	+3	16	-1	49	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	13.8	29.0	52	00	7	30	2	0	0	—	13.5	-1.7	28.4	30	+1	23	+2	33	0	2	1	147
PORT SUDAN	02	—	08	3	0	4	—	9	31	75	02	—	28	2	0	4	—	13.3	+0.2	29.2	31	-1	25	+1	71	17	32	18	169
NORTH SUDAN																													
WÂDI HALFA											00	8	30	2	0	0	—	12.8	-2.2	22.2	34	+1	15	-1	31	—	—	—	165
KAREIMA	01	8	04	2	•	3	Cu	8.7	35	30	00	7	04	3	0	0	—	11.5	-1.2	28.0	36	-1	23	+3	24	0	dr	1	166
ATBARA	01	—	08	2	0	3	—	6	37	25	00	—	06	3	0	0	—	11.0	-0.5	28.8	37	+1	22	+1	44	0	1	1	167
KHARTÛM	00	8	28	2	0	0	—	—	39	19	01	8	32	1	0	3	Cu	9.6	-0.7	26.9	39	+1	21	0	39	0	24	5	168
KASSALA	01	8	04	1	0	4	—	3.5	36	—	01	8	06	1	0	3	Ac	8.2	-1.7	24.0	38	0	23	+1	59	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	28	2	0	4	—	5	37	25	00	—	02	3	0	0	—	9.5	-0.6	28.6	38	0	20	-1	21	0	44	12	171
DUEIM	01	—	—	—	0	3	—	7	37	35	00	—	—	—	0	0	—	10.3	0.0	28.6	38	0	21	+1	38	0	17	12	173
RENK	01	7	04	2	1	4	As	4.8	37	38																		—	182
ROSEIRES	02	—	14	1	0	4	—	6	37	55	02	—	10	1	1	4	—	9.9	0.0	27.2	38	+1	20	+1	63	0	72	32	172
EL OBEID											00	8	30	3	0	1	Ac	10.1	-1.9	25.0	34	-1	19	+1	19	0	20	19	174
EL FASHER	00	—	02	3	0	•	—	—	35	15																		8	175
GENEINA	00	8	06	2	•	•	—	—	34	8																		—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL	00	8	02	2	0	0	—	5.3	34	—	01	8	04	2	1	3	Ac	9.6	-1.2	27.3	35	0	21	+1	68	0	75	82	176
WÂU											03	—	20	2	0	7	—	10.5	+0.7	23.8	34	-1	22	+2	81	0	179	130	177
JÛBA	01	9	18	2	1	4	Cu	5.1	34	42	01	8	00	0	1	4	Cs	10.5	-0.1	24.8	35	0	21	+1	84	dr	136	100	178

UPPER WINDS ON 6th — 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.

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA	P. SAID 9 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	JÛBA 6 h.
02.15.05	01.20.05		02.05.10	02.06.15	02.28.15	02.03.10	03.01.20	06.04.55	06.35.25	06.12.10	07.35.35		06.31.15
09.08.20	02.07.05		05.05.10	05.06.25	05.22.05	05.08.20	06.03.35	10.04.55	10.02.25	10.08.15	10.36.30		10.30.05
10.02.20	05.06.05		10.10.10	08.08.20	10.03.15	10.10.20	10.03.25	15.10.10	15.02.15	15.03.25	15.34.20		15.34.05
13.34.05	10.09.05		11.12.05	10.04.20	15.18.05	15.08.20	15.04.20	17.07.15	20.21.25	20.06.20	20.30.10		20.14.30
15.28.05	15.10.05		13.09.05	15.35.15	20.28.10	20.06.15	20.11.15		25.22.20	30.07.10	29.19.05		30.18.45
20.27.10	19.08.10		14.03.10	20.34.20	25.23.15	25.06.15	30.05.20		30.23.15	40.13.00			40.19.50
30.28.20			16.01.20	23.36.25	30.25.15		40.06.15		40.23.20	50.24.15			50.18.40
35.28.20			20.35.30	25.36.25			44.03.10		50.18.30				60.22.15
40.27.20			25.32.30	30.32.15					57.13.25				64.21.30
				35.34.25									

Forecast for 24 hours from noon on 6th
On the coast light northeasterly winds, veering later to moderate southerly.
Inland moderate northeast winds, becoming light southeasterly later.
Occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٦
بالساحل رياح خفيفة شمالية شرقية تتحول الى رياح
جنوبية معتدلة فيما بعد .
وبالداخل رياح معتدلة شمالية شرقية تتحول الى
رياح جنوبية خفيفة فيما بعد . سحب قليلة متوسطة
ولا تغير في درجة الحرارة الا قليلا .

Station	Mean of day: Humidity % on 5th	Diff. from normal	Wet bulb temp °C on 5th	Diff. from normal
Alexandria	76	+10	19.7	+2.5
Ezbekîya	53	-13	17.8	+0.4
Gîza	66	-4	18.2	+1.0
Helwân	51	-4	17.4	+2.3

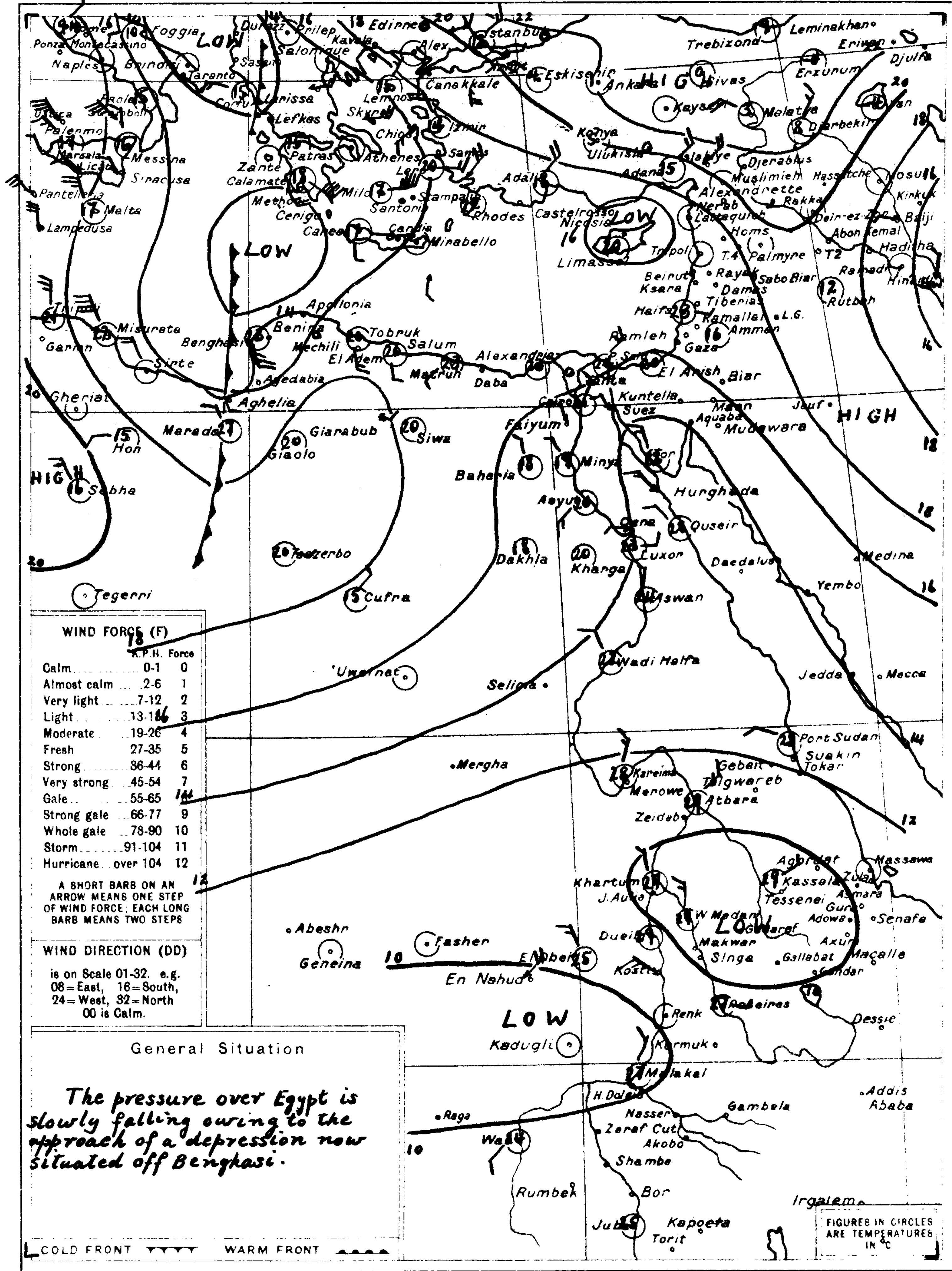
Gîza Grass minimum on 6th 6.6 °C

Discharges at Aswan measured by sluices m.³ per sec

Date	1939	1938
5-11	2315	4222
4-11	2315	4400

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-11	13.08	-0.62	13.11	-0.59
Nâsser	5-11	10.55	-0.02	10.56	-0.03
Malakâl	6-11	12.25	-0.08	12.25	-0.08
Roseires	6-11	15.12	+0.52	15.22	+0.57
Sennâr Res	5-11	18.31	—	18.20	—
J. Aulia U.S	5-11	375.65	—	375.60	—
J. Aulia D.S	5-11	372.79	-0.24	372.91	-0.16
Khartûm	5-11	12.65	-0.05	12.71	-0.05
Kh. el Girba	5-11	11.14	+0.13	11.14	+0.10
'Atbara	5-11	12.08	+0.13	12.18	+0.20
Kajnarti	5-11	138.12	+0.94	138.04	+0.74
Aswân Res.	5-11	116.10	—	116.60	—
Aswân D.S.	5-11	87.72	-0.60	87.74	-0.70
Rôda (Cairo)	6-11	16.40	-1.35	16.40	-1.42

١٩٣٩-١١-٦ Isobars, Wind and Temperature at 8 h. 6-11-1939



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 a depression now situated off Benghasi.

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	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	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
LIMASSOL	01	7	00	0	0	3	—	15.9	-0.4	20	—	—	—	—	—	0	10	34
HAIFA	01	—	10	1	—	3	—	16.2	+0.8	23.0	26	-1	17	+2	47	0	1	32

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 06 14
" " Sunset 17 04

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

DAILY WEATHER REPORT

Month NOVEMBER 1939 — شهر نوفمبر ١٩٣٩

At 14 h. on 6th — الساعة ١٤ يوم ; At 8 h. on TUESDAY 7th — الثلاثاء الساعة ٨ يوم

STATION	6th 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 TTT	% Humidity UU	7th 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	02	8	18	2	1	5	As	14.0	27.3	55	03	7	30	5	2	6	Cb	13.0	-5.2	18.6	28	—	17	—	78	0	dr	—	130
MATRUH	01	8	30	2	1	3	Cu	15.1	24.7	78	00	8	18	3	0	1	—	11.4	-6.1	20.5	26	+2	17	+2	77	0	tr	20	131
DIKHEILA	01	8	32	3	0	2	Cu	15.4	23.8	61	00	6	12	2	0	1	Cs	—	—	20.0	25	—	16	—	73	0	dr	—	150
ALEXANDRIA	01	9	32	2	2	3	Ac	14.4	25.0	58	00	9	12	1	0	0	—	12.7	-5.0	19.8	28	+2	18	+1	78	0	tr	13	132
DAMIETTA											00	8	20	2	1	0	—	13.0	—	22.5	25	—	17	—	81	0	dr	10	159
PORT SAID	00	7	04	3	1	0	—	13.6	26.6	57	00	8	12	2	1	0	—	13.1	-2.8	24.2	29	+3	18	0	67	0	dr	5	134
EL ARISH	01	7	04	2	0	2	Cu	13.9	24.0	60	01	7	00	0	0	3	Ci	13.3	—	19.3	27	—	15	—	74	0	tr	6	135
DAMANHUR											00	6	12	1	0	0	—	13.3	-4.7	18.8	28	+1	15	+1	86	0	dr	7	136
MANSURA											01	8	16	1	1	3	Sc	13.3	—	20.2	27	-1	15	0	87	0	dr	4	137
TANTA	00	8	00	0	0	0	—	13.4	27.0	49	00	8	00	0	0	0	—	13.4	-4.7	21.0	28	0	13	-1	82	0	dr	4	138
ZAGAZIG	00	9	02	1	0	0	—	13.6	28.4	66	00	8	04	1	0	1	Cu	13.0	—	22.4	29	+2	14	0	78	0	dr	3	139
CAIRO ALMAZA	00	8	02	3	0	0	—	13.6	27.2	42	00	7	32	1	0	1	Ci	—	—	18.9	28	—	16	—	76	0	1		141
CAIRO EZBEKIYA	00	9	32	2	0	0	—	12.8	28.2	44	01	5	28	1	0	3	Ci	13.0	-4.3	18.3	29	+2	16	+1	84	0	dr	2	
CAIRO GIZA	00	7/8	04	2	0	0	—	12.8	28.3	48	05	6	30	2	0	3	Ci	12.7	-4.7	18.0	29	+2	15	+2	89	0	tr	4	—
HELWAN	00	8	04	3	0	0	—	12.2	28.0	36	09	5	00	0	1	3	Ci	12.7	-4.7	19.4	28	+2	17	+2	77	0	1	2	143
SUEZ	00	9	28	2	0	0	—	12.4	27.6	42	00	8	28	2	0	0	—	12.2	-3.9	19.7	29	+1	16	-1	71	0	dr	3	144
FAIYUM	00	8	32	2	0	0	—	12.2	29.8	36	00	7	00	0	0	0	—	12.6	-4.5	22.8	—	—	15	+1	67	0	0	0	153
MINYA	00	8	30	2	0	0	—	12.3	29.4	35	08	4	00	0	1	3	Ci	12.2	-5.3	18.8	30	+3	15	+1	82	0	dr	—	154
ASYUT	00	6	22	3	0	0	—	12.0	29.1	31	00	6	22	3	0	0	—	13.0	-3.6	20.0	32	+5	15	+1	72	0	0	0	155
QENA	00	8	26	1	0	0	—	11.0	33.0	31	00	8	26	1	0	0	—	12.4	-3.3	20.6	34	+2	16	+2	65	0	1	—	156
LUXOR	00	9	26	1	0	0	—	11.0	34.8	24	00	9	02	2	0	0	—	—	—	21.8	36	—	13	—	53	0	3	—	157
ASWAN	00	7	28	2	0	0	—	9.3	34.0	14	00	7	32	1	0	0	—	11.8	-3.3	23.0	35	+2	19	+2	29	0	dr	—	158
SIWA	00	8	00	0	0	0	—	16.3	29.0	65	00	8	00	0	0	0	—	14.0	-3.8	19.1	30	+2	—	—	66	0	0	0	119
BAHARIYA	00	9	30	1	0	0	—	15.0	28.3	51	00	9	30	1	0	0	—	15.8	=	18.0	30	—	12	—	73	0	0	—	149
KHARGA	00	8	04	1	0	0	—	11.9	33.2	25	00	8	32	1	0	0	—	13.0	-3.1	19.4	34	+1	15	+1	55	0	0	tr	151
DAKHLA	00	8	28	2	0	0	—	13.1	30.0	53	00	7	00	0	0	0	—	14.3	-3.0	15.3	32	+2	14	0	76	0	0	—	152
TOR	00	7	28	3	0	0	—	10.8	27.6	56	00	5	32	3	0	1	As	11.5	-4.0	21.1	29	+2	14	-1	49	0	10	1	145
HURGHADA	00	9	32	3	0	0	—	10.8	28.5	60	00	9	30	3	0	0	—	11.5	-4.3	24.6	29	+1	15	-1	48	0	1	—	146
QUSEIR	00	7	32	2	0	0	—	11.8	27.4	60	00	7	30	1	0	0	—	11.9	-3.3	26.9	29	0	20	-1	43	0	2	1	147
PORT SUDAN	01	—	08	3	1	3	—	11	32	65	02	—	12	2	1	4	—	12.2	-0.9	30.7	33	+1	25	+1	62	0	32	20	169
WADI HALFA	00	8	32	3	0	0	—	8.1	35	17	00	8	28	2	0	0	—	10.8	-4.3	23.1	36	+3	19	+3	26	—	—	—	165
KAREIMA	00	8	24	1	0	1	Cu	8.7	36	19	00	7	10	2	0	0	—	10.9	-1.9	27.0	38	+1	21	+1	39	0	dr	1	166
ATBARA	01	—	08	2	0	3	—	6	39	15	00	—	08	2	0	0	—	9.0	-2.5	30.0	39	+3	23	+2	40	0	1	1	167
KHARTUM	01	8	22	2	0	3	Cu	4.6	38	22	00	8	06	1	1	1	Ac	8.7	-1.7	28.4	41	+3	23	+2	35	0	24	5	168
KASSALA	02	—	24	2	1	4	Cu	2.7	38	23	02	8	08	1	1	5	Ac	7.5	-2.4	30.3	38	0	23	+1	48	0	7	11	170
WAD MEDANI	01	—	30	4	0	3	—	4	38	15	02	—	22	1	0	4	—	8.3	-1.9	29.8	38	0	20	-1	31	0	44	12	171
DUEIM	02	—	—	—	—	4	—	6	38	—	00	—	—	—	0	0	—	9.3	-1.0	29.0	39	+1	24	+4	45	0	17	12	173
RENK	01	7	30	2	1	4	—	3.8	38	41																		—	182
ROSEIRES	02	—	04	1	0	4	—	5	37	35	00	—	18	1	1	0	—	9.8	-0.1	25.4	39	+2	20	+1	67	0	72	32	172
EL OBEID	00	8	30	2	0	0	—	4.3	34	19	01	8	00	0	0	2	Ac	9.5	-2.5	26.0	36	+1	20	+2	32	0	20	19	174
EL FASHER	00	—	32	1	0	0	—	—	35	15	00	8	00	0	0	0	—	—	—	19.7	36	+1	12	-2	27	0	4	8	175
GENEINA											00	8	04	3	0	0	—	—	—	18.0	36	—	11	—	22	0	19	—	179
KADUGLI	11	8	18	2	2	6	Cu	3.6	35	57																		—	187
MALAKAL	01	8	04	3	1	4	Ac	4.2	36	25	01	8	28	2	1	4	Ac	9.1	-1.7	26.0	36	+1	21	+1	70	0	75	83	176
WAU	02	—	20	3	1	4	—	5	33	45	03	—	12	3	6	7	—	9.9	+0.1	22.5	34	-1	21	+1	93	2	181	131	177
JUBA																												102	178

UPPER WINDS ON 7th — الرياح العليا يوم ٧

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

SALUM 7 h. m.	MATRUH 7 h. m.	P.SAID 9 h. m.	CAIRO 8 h. 30 m.	HELWAN 8 h. 30 m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 5 h. m.	KAREIMA 6 h. m.	KHARTUM 6 h. m.	KASSALA 6 h. m.	EL OBEID 6 h. m.	MALAKAL h. m.	FASHER 6 h. m.	GENEINA 6 h. m.
02.01.25	02.25.40	02.11.35	02.07.20	02.19.00	02.28.10	02.01.10	03.03.30	06.06.35	06.36.30	06.05.05	07.08.20		09.34.15	10.04.65
05.33.—	05.27.45	05.09.30	05.07.30	05.08.20	05.31.15	05.10.15	06.05.35	10.08.20	10.01.20	10.04.10	10.04.45		10.01.20	15.05.35
09.29.10	10.26.25	10.08.20	10.06.10	08.12.05	10.33.15	10.09.20	11.04.35	15.09.10	15.03.10	15.04.20	15.05.35		15.07.30	20.07.15
10.27.15	15.25.40	13.07.05	15.18.05	10.03.05	15.29.20	15.09.50	15.27.05	20.18.15	20.07.10	20.05.15	20.05.10		20.10.05	30.12.15
		14.21.05	20.24.10	15.34.05	20.21.30		20.17.10	24.22.35	25.25.10	30.14.05	30.04.10		30.23.15	40.16.20
		15.19.05	25.27.15	20.23.05			30.20.10		30.25.15	40.19.05	36.05.15		40.26.05	50.15.10
		20.22.10	30.26.25	23.23.25			40.31.05		40.22.15	50.32.05			50.28.05	53.17.05
		24.26.15	35.25.30	25.22.15			43.30.05		50.20.25				51.29.15	
			TAIL	30.24.20										
				45.24.35										

Forecast for 24 hours from noon on 7th

On the coast light Southerly winds, veering to fresh west to northwest. Inland light to moderate northeasterly winds, becoming westerly tomorrow. Occasional high cloud today, some low cloud tomorrow. Somewhat cooler tomorrow; possibly rain near the coast. Further outlook: cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٧
تهب رياح خفيفة جنوبية على الساحل تتحول الى الغرب او
الشمال الغربي وتشتد . وتهب رياح خفيفة الى معتدلة شمالية
شرقية تتحول الى الغرب غدا . تظهر سحب عالية اليوم
ثم تتكون سحب منخفضة غدا . ويميل الطقس للبرودة غدا
ويحتمل انه يمطر بالقرب من الساحل . ثم يأخذ الجو بعد ذلك في البرودة

STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff from normal
Alexandria	64	-2	18.9	+1.8
Ezbekiya	63	-4	18.5	+1.2
Giza	66	-4	18.9	+1.8
Helwan	56	+1	17.7	+2.6

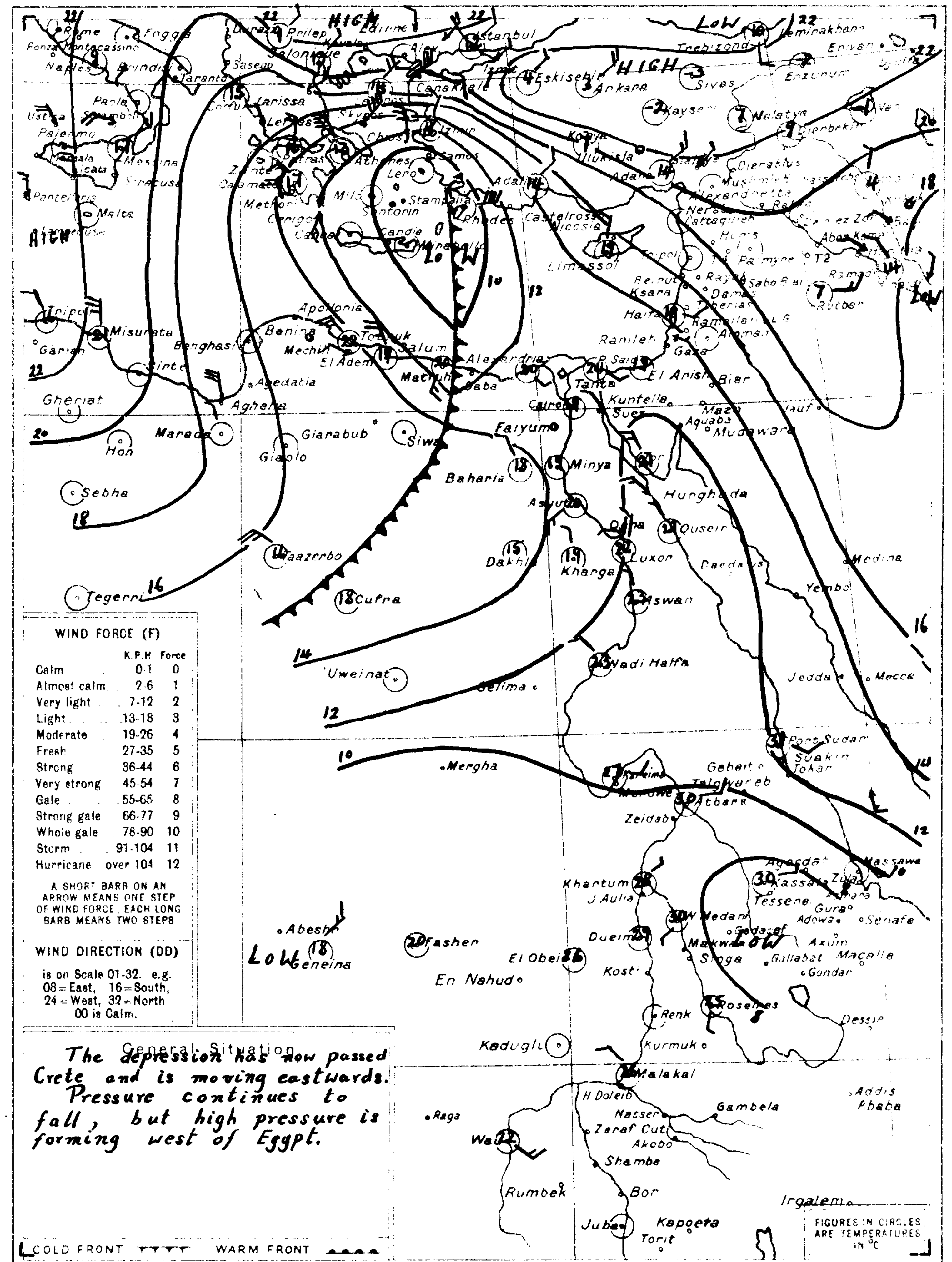
Giza Grass minimum on 7th — °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
6 – 11	2316	4055
5 – 11	2315	4222

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6 – 11	13.10	-0.59	13.08	-0.62
Nasser	6 – 11	10.55	-0.02	10.55	-0.02
Malakal	7 – 11	12.26	-0.07	12.25	-0.08
Roseires	7 – 11	15.02	+0.48	15.12	+0.52
Sennar Res	6 – 11	18.42	—	18.31	—
J. Aulia U.S	6 – 11	375.72	—	375.65	—
J. Aulia D.S	6 – 11	372.73	-0.26	372.79	-0.24
Khartum	6 – 11	12.58	-0.08	12.65	-0.05
Kh. el Girba	6 – 11	11.13	+0.14	11.14	+0.13
Atbara	6 – 11	11.98	+0.07	12.08	+0.13
Kajnarti	5 – 11	138.12	+0.94	138.04	+0.74
Aswan Res.	6 – 11	116.60	—	116.10	—
Aswan D.S	6 – 11	87.72	-0.47	87.72	-0.60
Roda (Cairo)	7 – 11	16.42	-1.26	16.40	-1.35

١٩٣٩-١١-٧ Isobars, Wind and Temperature at 8 h. 7-11-1939



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 passed Crete and is moving eastwards. Pressure continues to fall, but high pressure is forming west of 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 7th — 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	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	7	02	2	2	8	—	14.6	-1.8	19	—	—	—	—	—	0	10	36
HAIFA	02	—	10	2	—	4	—	14.8	+0.6	18.6	26	-1	16	+1	57	0	1	35
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
[illegible]	05
Dust [illegible]	06
[illegible]	07
[illegible]	08
[illegible]	09
[illegible]	10
[illegible]	11
[illegible]	12
Squall	14
[illegible] Duststorm	18
Rain in past hour	20-29
[illegible] Thunderstorm	28
[illegible] Thunderstorm	29
[illegible]	30-34
Fog [illegible] Haze	40-49
[illegible]	41
[illegible]	42
Fog [illegible]	49
Drizzle	50-59
Rain	60-69
Rain [illegible] Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
[illegible]	83-84
[illegible]	85-86
[illegible] of Hail	88-89
Thunderstorm	90-99
[illegible]	93
[illegible]	94-96
[illegible] Duststorm	98
[illegible] with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
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 14
" Sunset 17 03

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1939 — نوفمبر 1939

7th V — WEDNESDAY 8th الاربعاء ٨

1939-11-8 5obars, Wind and Temperature at 3 h. 8. 11. 1939.

STATION	PRESENT WEATHER	VISIBILITY	WIND DD	WIND FF	PAST WEATHER	CLOUD Amount	CLOUD C	BAR. PRESSURE M.S.L. (1000+ m.b.s.)	BAR. Diff. from Normal m.b.	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from Normal	MINIMUM Today	MINIMUM Diff. from Normal	HUMIDITY	RAIN	EVAPORATION	SUNSHINE
	ww	vv	dd	ff	w	N	C	ppp	ppp	tt	tt	MM		mm		U	RR	EE	SS
SALLUM	02	8	28	5	2	4	Cu	10.6	24.6	46	60	7	02	8	6	6	Cb	8.2	-10.0
	01	8	28	4	1	4	Cu	9.9	23.4	80	01	8	14	2	1	4	Cb	7.8	-9.8
	01	8	28	1	1	3	Ci	—	24.4	58	01	8	14	2	0	2	Cs	9.8	—
	02	9	22	1	2	4	Ac	10.6	26.1	55	02	9	12	2	2	4	Ac	9.3	-8.4
											00	7	16	2	0	0	—	9.0	—
	00	7	04	3	0	0	—	10.6	25.3	68	00	7	12	2	0	0	—	9.5	-6.4
	01	7	04	2	1	3	Cu	10.4	24.5	50	00	7	00	0	0	0	—	9.4	—
											00	6	10	3	0	0	—	9.5	-8.5
											00	8	12	1	0	0	—	9.1	—
	00	8	32	2	0	0	—	10.3	27.0	49	00	7	00	0	0	0	—	9.1	-9.1
	00	9	02	1	0	0	—	9.9	30.4	52	00	8	02	1	0	0	—	9.9	—
	01	8	32	2	0	2	Cs	10.4	27.8	64	00	7	00	0	0	0	—	10.2	—
	01	8	28	3	0	2	Cc	9.5	29.1	34	00	6	16	1	0	0	—	9.4	-7.9
	01	7	32	1	0	2	Cc	9.6	29.4	33	05	6	16	2	0	0	—	9.5	-7.9
HELWAN	05	6	26	2	0	3	Ci	9.3	26.9	38	05	6	08	1	0	0	—	9.6	-7.9
ABUSIR	00	9	32	1	0	1	Ci	9.4	28.7	35	00	8	12	1	0	0	—	9.6	-6.6
GIZA	01	8	30	1	0	3	Cu	9.4	28.6	38	00	7	00	0	0	0	—	10.0	-7.1
MENA	01	7	32	1	1	3	As	9.5	27.2	50	00	7	04	2	0	0	—	9.6	-7.9
ABASIEH	00	7	26	3	0	0	—	9.9	28.0	42	00	6	12	2	0	0	—	9.9	-6.8
HELIOPOLIS	00	8	24	1	0	0	—	9.1	30.7	39	01	8	28	1	1	3	Sc	9.9	-5.8
ZEITOUN	00	9	30	2	0	0	—	9.0	33.5	26	01	9	02	2	1	3	Ac	9.4	—
HELWAN OBS	02	7	26	1	1	4	Cu	6.7	34.0	26	01	7	32	2	1	3	Cu	8.2	-6.9
ABBASSIA	00	8	28	1	0	0	—	—	28.1	59									
HELIOPOLIS AERO	00	9	24	1	0	0	—	10.7	29.8	40	00	9	24	1	0	0	—	10.3	—
MATARIA	00	8	32	1	0	0	—	9.9	32.7	30	00	8	04	1	0	0	—	10.4	-5.8
CAIRO AERO	00	8	30	1	0	0	—	11.1	29.2	56	00	7	26	2	0	0	—	11.8	-5.6
	00	6	28	3	0	1	As	9.0	28.0	58	00	5	32	3	0	1	St	9.6	-6.0
	00	9	08	2	0	0	—	10.7	27.5	55	00	9	24	2	0	0	—	9.4	-6.4
HELWAN AERO	00	7	04	1	0	0	—	10.2	26.2	84	02	6	00	0	1	5	Ac	9.5	-5.8
GIZA AERO	02	—	22	3	1	4	—	9	32	55	02	—	14	2	0	4	—	8.7	-4.5
KATTARA	00	8	20	2	0	1	Cu	5.6	36	15	00	8	32	3	0	1	Ac	9.1	-6.1
KATTARA MA	00	8	18	2	0	1	Ac	5.8	37	16	01	8	08	2	0	2	Ac	9.3	-3.6
KATTARA	08	—	14	2	0	0	—	5	36	15	00	—	08	2	0	0	—	7.1	-4.5
KHARGA AERO	01	8	30	1	0	3	Cu	2.8	40	21	01	8	06	3	1	3	Ac,Cu	7.4	-3.1
SAYEDIA	01	8	30	2	1	4	Cu,Ac	1.8	38	22	02	8	04	2	1	5	Ac	7.0	-2.9
KHARGA	02	—	26	3	0	4	—	3	37	15	00	—	02	4	0	0	—	6.8	-3.5
FARAFRA	02	—	—	—	0	4	—	4	—	35	02	—	—	—	0	4	—	8.2	-2.2
BAHREIN																			
ROSE RES	02	—	14	3	0	4	—	4	37	55	02	—	14	1	1	4	—	8.0	-1.9
EL KHARGA	01	7	06	1	0	2	Ac	2.9	35	21	01	8	32	1	1	4	Ci,Ac	7.5	-4.6
EL FASHER	00	—	00	0	0	—	—	—	34	15	00	8	04	2	0	1	Ac	—	—
GENEINA	00	8	08	2	0	0	—	—	35	10	00	8	04	4	0	0	—	—	—
KADUGLI	—	—	26	1	1	3	—	1.8	37	32									
MALAKAL	01	8	28	4	1	3	Cu	5.4	34	38	01	8	02	3	1	3	Ac	7.5	-3.3
WAU	01	—	04	1	0	3	—	5	32	45	03	—	12	1	0	7	—	7.1	-2.7
JUBA	01	—	00	0	1	4	Cu	3.6	31	46									

STATION	MAXIMUM Today	Diff. from Normal	MINIMUM Today	Diff. from Normal
	7th		7th	
Alexandria	71	+5	18.6	+1.6
Edkou	63	-4	17.5	+0.3
Giza	69	-1	17.5	+0.6
Helwan	53	-2	16.8	+1.9
Giza Grass minimum			8th 7.9	

Upper Winds are in the form HHDDFF where HH is height above Sea Level in hundreds of metres, DD is direction in tens of degrees, FF is Velocity in kilometres per hour.

FASHER	ASWAN	WADI HALFA	ABU SIMBEL	KASSALA	EL OBEID	KHARTOUM	FASHER
7	7	8	30	7	7	5	4
02.02.55	02.24.10	02.15.10	02.11.05	02.03.10	03.36.15	06.30.30	06.35.40
05.01.40	05.14.10	05.18.10	05.10.05	05.11.25	06.03.45	10.28.30	10.35.25
10.02.50	10.10.10	08 22.05	10.01.05	10.08.20	10.01.50	15.25.45	15.32.25
Ent.cb.	15.15.20	10.27.10	15.26.00	15.10.25	15.02.35	20.23.45	20.05.10
	20.15.20	15.20.05	20.21.10	20.17.15	20.13.10	22.22.40	30.15.15
		20.22.05	25.21.10	25.18.25	30.18.35		40.20.20
		23.22.10	30.25.10		35.19.35		42.21.16
		25.22.10					
		30.18.25					
		43.21.50					

STATION	7th	Diff. from Normal	7th	Diff. from Normal
Alexandria	71	+5	18.6	+1.6
Edkou	63	-4	17.5	+0.3
Giza	69	-1	17.5	+0.6
Helwan	53	-2	16.8	+1.9
Giza Grass minimum			8th 7.9	

Ground Conditions at 8 h. (Grass Minimum)

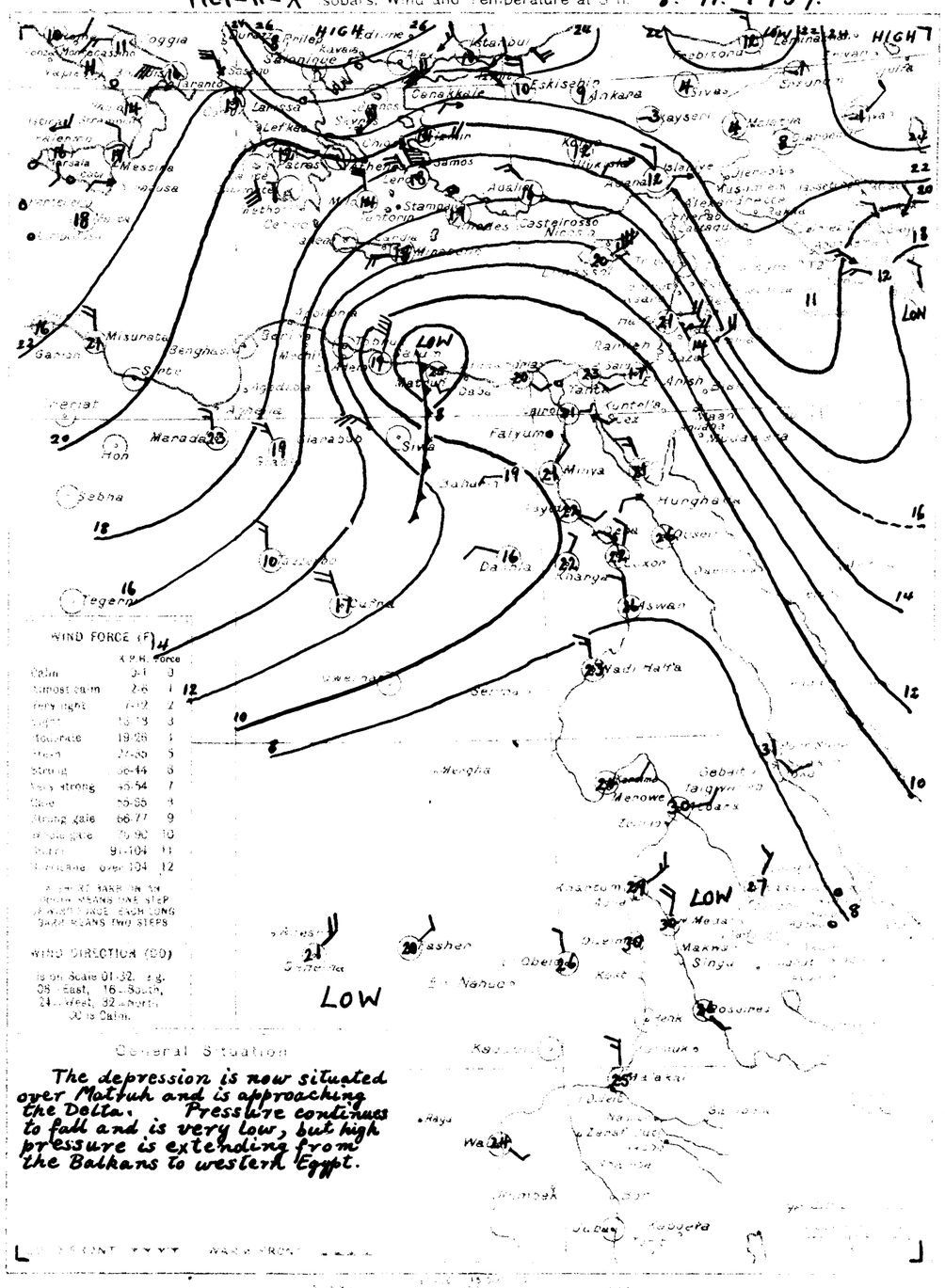
DATE	1938	1939
7-11	2316	3881
6-11	2316	4055

Forecast for 24 hours from noon 8th

On the coast light southerly winds, veering tomorrow to northerly. Inland light southerly winds, veering tomorrow to westerly. Mainly clear today; some low cloud tomorrow. Further rain on the coast. Becoming unsettled and cooler.

رياح جنوبية خفيفة على الساحل تتحول الى شمالية غدا
ورياح جنوبية خفيفة في الداخل تتحول غدا الى غربية
السماء صحو اليوم وتكون بقع سحاب المتوقعة
غدا وتتناقط مطر آخر على الساحل
وسيبرد القطن وبعير خير مستقر ؟

	Date	Reading	Diff. from Normal	Previous Day Reading	Diff. from Normal
Aswan	7-11	13.10	-0.59	13.10	-0.59
Nasser	7-11	10.55	-0.01	10.55	-0.02
Maharraka	8-11	12.26	-0.07	12.26	-0.07
Roseires	7-11	15.02	+0.48	15.12	+0.52
Sennar Res	7-11	18.53	—	18.42	—
J. Auliá U.S	7-11	375.73	—	376.72	—
J. Auliá D.S	7-11	372.67	-0.28	372.73	-0.26
Khartoum	7-11	12.57	-0.11	12.58	-0.08
Khartoum Soba	7-11	11.12	+0.15	11.13	+0.14
Atbara	7-11	11.90	+0.03	11.98	+0.07
Kajnarti	7-11	137.90	+0.96	138.16	+1.08
Aswan Res.	7-11	117.13	—	116.10	—
Aswan D.S.	7-11	87.71	-0.36	87.72	-0.47
Roda (Cairo)	7-11	16.42	-1.26	16.40	-1.35



STATION	PRESENT WEATHER	VISIBILITY	WIND DD	WIND FF	PAST WEATHER	CLOUD Amount	CLOUD C	BAR. PRESSURE M.S.L. (1000+ m.b.s.)	BAR. Diff. from Normal m.b.	TEMPERATURE Dry Bulb	TEMPERATURE Wet Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from Normal	MINIMUM Today	MINIMUM Diff. from Normal	HUMIDITY	RAIN	EVAPORATION	SUNSHINE
	ww	vv	dd	ff	w	N	C	ppp	ppp	tt	tt	MM		mm		U	RR	EE	SS
LIMASSOL	02	7	06	7	2	5	—	13.0	-3.4	20	—	—	—	—	—	0	10	38	
HAIFA	00	—	08	4	—	0	—	12.7	-2.8	20.7	27	0	18	+3	16	0	1	38	

HOURS ARE EGYPTIAN STANDARD TIME, LONG HAND, AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

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

Printed by the Survey & Mines Dept. 1938—38 554

NAVAL EDITION — NEARD POST PRINTED ABROAD

CAIRO ·
Time of Sunrise 06h 18m
·· ·· Sunset 17h 03m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month NOVEMBER 1939 — شهر نوفمبر ١٩٣٩

At 14 h. on 8th — الساعة ١٤ يوم ٨ | At 8 h. on THURSDAY 9th — الساعة ٨ يوم الخميس ٩

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs (PPP)	Temp. °C (TTT)	% Humidity (UU)	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	20	7	04	4	6	5	Cb	9.8	17.0	96	02	6	02	5	2	4	Cb	15.5	-2.8	19.7	21	—	15	—	64	23	28	—	130
MATRUH	01	8	04	3	1	4	Cb	7.9	23.1	78	02	7	32	4	2	5	Cb	12.8	-4.9	21.9	25	+1	19	+4	84	—	tr	21	131
DIKHEILA	01	8	26	3	0	2	Cu	9.1	24.0	60	01	7	32	5	1	4	Cu	11.0	—	23.2	27	—	19	—	64	0	dr	—	150
ALEXANDRIA	00	9	24	2	0	0	—	8.4	25.0	61	02	9	04	5	2	5	Cu	10.6	-7.2	23.0	27	+1	19	+2	63	0	tr	15	132
DAMIETTA											01	8	30	3	1	3	Cu	8.6	—	23.6	27	—	21	—	66	0	dr	11	159
PORT SAID	00	7	04	4	0	0	—	8.3	27.1	60	00	8	04	5	0	0	—	8.6	-7.4	25.2	29	+3	23	+5	61	0	dr	6	134
EL ARISH	00	7	00	0	0	0	—	9.3	28.5	37	03	6	00	0	2	6	St	7.1	—	16.0	31	—	13	—	87	0	tr	7	135
LOWER EGYPT																													
DAMANHUR											00	7	32	2	0	0	—	10.0	-8.1	21.0	30	+3	17	+3	82	0	dr	8	136
MANSURA											01	8	32	2	1	3	Cu	9.3	—	20.9	29	+1	18	+3	76	0	dr	5	137
TANTA	00	8	00	0	0	0	—	8.0	29.0	40	01	7	32	3	1	3	Ci	9.3	-8.9	22.5	31	+4	14	0	78	0	dr	4	138
ZAGAZIG	00	9	02	1	0	0	—	8.3	29.9	68	00	9	30	2	0	1	Cu	8.8	—	22.4	32	+5	14	0	81	0	dr	3	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	8	20	2	0	0	—	8.7	29.9	28	05	6	00	0	0	4	Ac	9.6	—	18.9	31	—	15	—	81	0	1	3	141
EZBEKIYA	00	9	20	2	0	0	—	7.4	30.9	32	02	5	02	1	1	4	Cc	9.1	-8.3	19.0	31	+5	16	+2	81	0	dr	3	—
GIZA	00	7	22	1	0	0	—	7.1	32.0	35	05	6	30	2	1	5	Sc	9.0	-8.5	18.4	32	+5	15	+2	86	0	tr	4	—
HELWAN	00	8	00	0	0	0	—	7.5	28.3	33	09	5	28	1	2	4	Cc	8.4	-9.1	18.9	29	+3	16	+1	81	0	1	2	143
SUEZ	00	9	12	1	0	0	—	7.6	28.9	41	02	7	28	2	1	4	As	7.8	-8.4	21.7	30	+3	16	-1	75	0	dr	3	144
UPPER EGYPT																													
FAIYUM	00	8	30	1	0	0	—	7.5	30.0	37	02	7	30	3	0	5	Cu	9.1	-8.1	18.0	—	—	15	+1	84	0	0	0	153
MINYA	00	8	28	1	0	0	—	7.5	29.2	40	02	6	30	1	2	5	As	8.7	-8.9	19.2	30	+4	15	+1	70	0	dr	—	154
ASYUT	00	8	22	3	0	0	—	7.5	29.0	40	01	6	26	3	1	3	Cu	9.4	-7.4	19.0	31	+4	15	+1	63	0	0	1	155
QENA	01	8	24	1	1	3	Sc	6.3	30.9	34	00	8	20	2	0	0	—	8.2	-7.6	21.5	32	+1	18	+4	62	0	1	—	156
LUXOR	01	9	28	1	0	3	Ci	5.9	33.0	24	00	9	14	1	0	0	—	8.0	—	24.5	35	—	17	—	51	6	9	—	157
ASWAN	01	7	22	2	1	4	Cu	3.5	34.4	25	00	7	28	1	0	0	—	9.1	-6.1	22.0	36	+4	20	+3	43	0	dr	—	158
WESTERN DESERT																													
SIWA	03	7	30	1	2	6	Cu	6.8	25.0	69																		0	148
BAHARIYA	00	9	24	2	0	0	—	10.0	25.4	41	00	9	24	2	0	0	—	9.9	—	17.7	27	—	11	—	67	0	0	—	149
KHARGA	00	8	04	2	0	0	—	7.1	32.4	36	00	8	00	0	0	0	—	10.6	-5.7	21.4	32	+2	15	+1	51	0	0	tr	151
DAKHLA	00	8	30	3	0	0	—	9.8	26.2	63	00	7	00	0	0	0	—	11.8	-5.7	15.2	27	-3	11	-2	76	0	0	—	152
RED SEA																													
TOR	00	7	28	3	0	1	Cu	6.7	28.2	62	60	3	04	5	2	8	Ns	7.8	-7.8	17.2	29	+2	17	+2	98	10	20	1	145
HURGHADA	00	9	10	2	0	0	—	7.2	29.2	59	13	8	30	3	8	6	Cb	8.0	-7.9	22.0	30	+2	17	+1	68	41	42	—	146
QUSEIR	59	6	02	2	5	8	Cb	8.2	26.3	82	01	7	32	2	1	4	Ac	7.4	-7.9	24.9	28	-1	22	+2	54	dr	2	1	147
PORT SUDAN	02	—	22	2	2	4	—	6	32	65	02	—	14	2	1	4	—	9.3	-4.0	29.9	33	+2	27	+3	66	0	32	24	169
NORTH SUDAN																													
WADI HALFA	01	8	24	4	0	2	Cu	4.4	34	16	00	8	30	2	0	0	—	11.2	-4.1	19.2	34	+2	16	0	47	—	—	—	165
KAREIMA	01	9	28	4	0	3	Ac	6.9	36	8	00	8	30	3	0	1	Ac	11.3	-1.7	22.5	36	0	19	0	53	0	dr	1	166
ATBARA	02	—	04	2	0	4	—	4	38	15	00	—	30	2	0	0	—	9.3	-2.4	28.8	38	+2	24	+4	17	0	1	1	167
KHARTUM	01	8	02	2	0	3	Ac	2.7	40	4	01	8	04	3	1	4	Ci,Ac	8.7	-1.9	28.0	41	+4	25	+4	24	0	24	5	168
KASSALA	01	8	04	2	1	3	Cu	0.7	39	23	02	8	30	1	1	5	Ac	7.5	-2.5	27.8	39	+1	25	+3	46	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	02	2	1	4	—	2	37	15	03	—	32	2	1	7	—	8.7	-1.7	24.7	39	+1	21	0	33	0	44	12	171
DUEIM	02	—	—	—	0	4	—	4	37	15	02	—	—	—	0	4	—	9.8	-0.7	25.8	38	0	25	+5	35	0	17	12	173
RENK	03	7	30	1	1	6	—	1.8	37	32																		—	182
ROSEIRES	02	—	14	1	0	4	—	4	37	45	02	—	14	1	2	4	—	8.7	-1.2	25.7	38	+1	21	+2	70	0	72	33	172
EL OBEID	02	8	32	1	1	5	Ac	2.7	35	18	01	8	04	1	1	4	Ac	9.7	-2.5	21.8	36	+1	20	+3	31	0	20	19	174
EL FASHER	00	—	12	2	0	0	—	—	34	15	01	8	08	1	1	4	Cs,Ac	—	—	18.6	35	0	14	0	40	0	4	8	175
GENEINA											01	8	04	5	1	4	Ci	—	—	20.8	36	—	14	—	10	0	19	—	179
KADUGLI	01	7	12	5	1	3	Ac	—	36	31																		—	187
SOUTH SUDAN																													
MALAKAL	03	8	22	3	1	6	Ac,As	3.7	31	52	03	8	22	3	1	7	Ac,As	10.7	-0.1	24.5	33	-2	22	+2	78	0	75	83	176
WAU	02	—	12	2	0	4	—	4	33	45	03	—	12	3	6	7	—	10.7	+0.9	22.5	35	0	20	0	78	2	183	132	177
JUBA																												104	178

UPPER WINDS ON 9th — الرياح العليا يوم ٩

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

SALUM 7 h.	MATRUH 7 h.	P. SAID (DAMIETTA) 9 h.	CAIRO	HELWAN 8 h. 30	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 5 h.	KHARTUM 5 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL	EL FASHER (JUBA) 6 h.	GENEINA 6 h.
02.04.25	02.36.35	02.01.35		02.35.20	02.29.35	02.34.10	03.35.25	06.30.45	06.33.40	06.02.15	07.01.30		09.36.25	10.04.55
05.30.—	05.01.30	05.01.25		05.36.25	05.32.55	05.34.15	06.36.40	10.32.25	10.35.50	10.03.25	10.03.35		10.01.40	15.05.00
10.03.45	07.02.20	10.35.30		10.36.25	10.31.40	10.29.15	10.01.15	15.33.20	15.01.60	15.31.05	15.04.20		15.03.20	20.10.15
11.02.45		15.36.15		15.35.30	15.35.20	15.24.45	15.27.25		20.01.65	20.30.05	20.06.05		20.10.15	30.23.30
Ent. cb		17.28.05		20.02.05	20.35.20		20.25.25		25.03.25	30.17.10	30.12.05		30.20.30	40.26.05
		20.26.15		25.16.10			24.21.25		30.08.10	40.21.35	40.12.05		40.23.30	50.16.05
				30.22.05					32.06.10	41.23.20			48.22.40	60.06.10
				40.29.15										64.08.05
				50.34.30										
				52.34.30										

Forecast for 24 hours from noon on 9th
Fresh north to northeast winds, strong at times.
Much low cloud.
Further scattered showers.
Remaining unsettled.
Cooler.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٩
رياح شمالية الى شمالية شرقية نشيطة قوية
احيانا . ويظهر الكثير من السحاب المنخفضة
ويتساقط مطر مرة اخرى في انحاء متفرقة
ويبقى الطقس مضطربا
وتنخفض درجة الحرارة

Station	Mean of day: Humidity % 8th	Diff. from normal	Wet Bulb Temp °C 8th	Diff. from normal
Alexandria	72	+6	18.8	+1.9
Ezbekiya	53	-14	17.3	+0.1
Giza	59	-12	17.9	+1.1
Helwan	35	-20	16.1	+1.3

Giza Grass minimum on 9th 10.8 °C

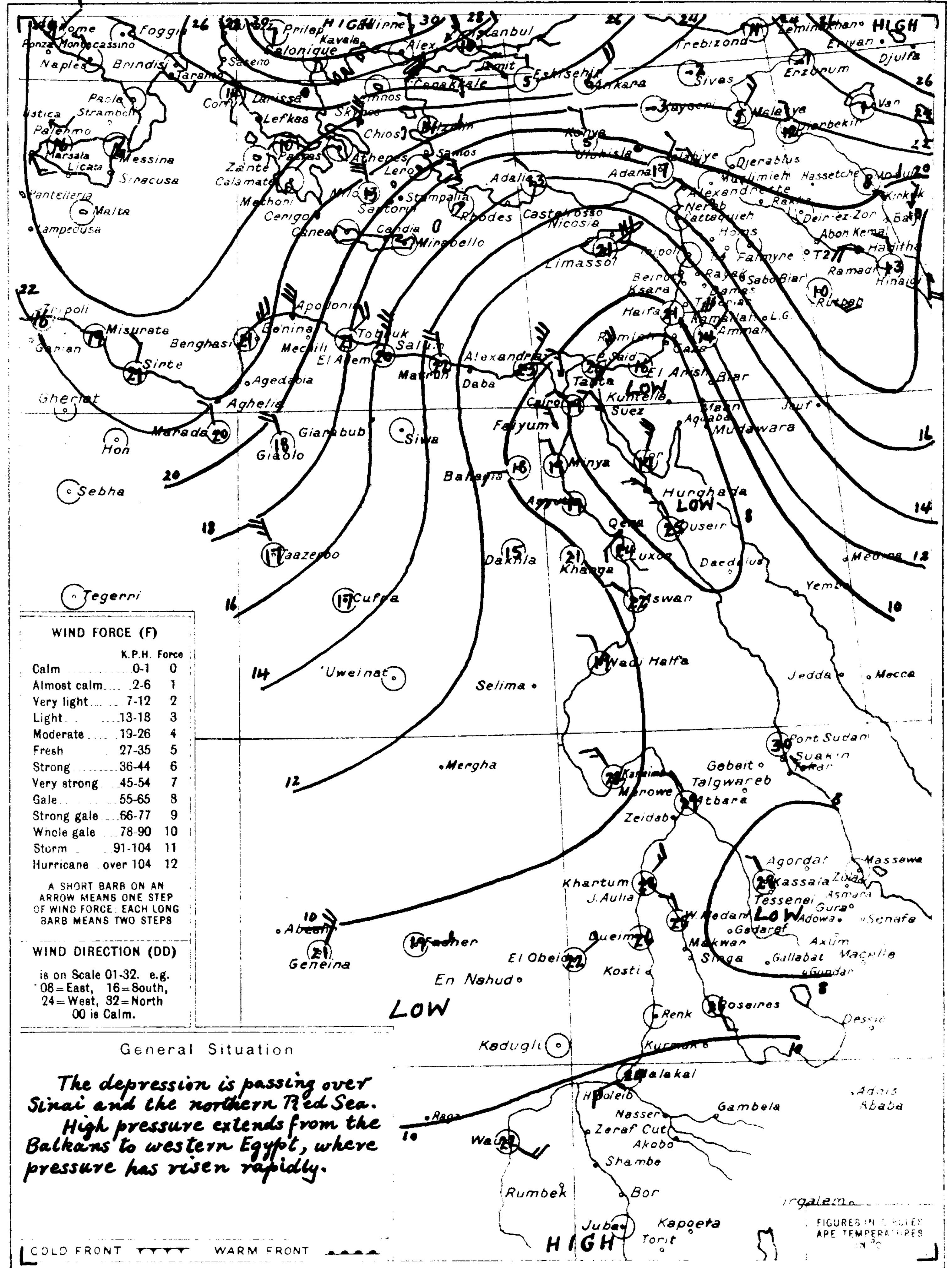
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
8-11	2314	3622
7-11	2316	3881

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	8-11	13.09	-0.59	13.10	-0.57
Nasser	8-11	10.55	-0.01	10.55	-0.01
Malakal	9-11	12.26	-0.06	12.26	-0.07
Roseires	9-11	14.90	+0.47	14.96	+0.49
Sennar Res	8-11	18.61	—	18.53	—
J. Aulia U.S	8-11	375.74	—	375.73	—
J. Aulia D.S	8-11	372.64	-0.28	372.67	-0.28
Khartum	8-11	12.45	-0.13	12.51	-0.11
Kh. el Girba	8-11	11.12	+0.16	11.12	+0.15
Atbara	8-11	11.84	+0.02	11.90	+0.03
Kajnarti	8-11	137.67	+0.82	137.90	+0.96
Aswan Res.	8-11	117.55	—	117.13	—
Aswan D.S.	8-11	87.72	-0.21	87.71	-0.36
Roda (Cairo)	8-11	16.47	-1.14	16.42	-1.26

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

١٩٣٩-١١-٩ Isobars, Wind and Temperature at 8 h. 9-11-1939



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 Sinai and the northern Red Sea.
High pressure extends from the Balkans to western Egypt, where pressure has risen rapidly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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)	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	02	7	06	6	2	5	—	11.0	-5.4	21	—	—	—	—	—	0	10	41
HAIFA	02	—	08	5	—	5	—	9.1	-6.4	21.0	27	+1	20	+5	26	0	1	41
SIWA 8th	00	8	28	1	0	0	—	11.4	-6.5	19.0	28	0	—	—	79	0	0	0
SHIPS سفن																		

Remarks

Heavy rain Western Desert, Upper Egypt and northern Red Sea.

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 37 m
" " Sunset 17 h 02 m

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 10th (١٠ الساعة ١٤ يوم) — At 8 h. on SATURDAY 11th (الساعة ٨ يوم السبت ١١)

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	Diff. from normal	Dry Bulb °C	Max. Yesterday °C	Diff. from norm	Min. Today °C	Diff. from norm	Humidity	Rain past 24 hrs mm	Total from Oct 1 mm	Normal from Oct 1 mm	Station No.
SALÛM											03	7	28	2	2	6	cb.	16.0	-2.3	14.6	21	—	13	—	86	dr.	28	—	130
MATRÛH	03	6	02	3	2	6	NS	10.3	20.0	80	02	8	30	5	1	4	cu	14.6	-3.1	20.9	22	-2	17	-2	70	17	28	23	131
DIKHEILA	02	8	02	4	1	5	cu	8.4	21.3	65	01	8	30	6	6	4	cu	12.2	—	21.8	23	—	16	—	58	2	5	—	150
ALEXANDRIA	02	9	04	4	6	5	cu	7.6	23.0	59	02	9	32	6	2	4	cu	11.2	-6.6	21.2	—	—	18	+1	48	1	1	17	132
DAMIETTA											01	8	16	1	6	3	cu	9.9	—	18.8	21	—	14	—	87	5	5	12	159
PORT SAÏD	02	6	28	3	2	4	cu	8.8	19.2	66	02	8	28	4	5	5	cb	8.8	-7.2	17.0	21	-4	15	-3	82	tr.	tr	7	134
EL 'ARÎSH	03	6	22	1	6	8	—	7.4	19.0	79	03	6	20	1	6	8	—	10.8	—	14.9	20	—	14	—	89	1	1	8	135
DAMANHÛR											21	7	32	3	5	2	cu	11.9	-6.2	18.8	24	-3	15	+1	77	dr.	dr	9	136
MANSURA											02	5	32	2	6	4	Sc	11.1	—	15.2	22	-5	13	-2	96	3	3	5	137
TANTA	03	7	00	0	2	8	Ns.	9.1	23.0	52	02	7	24	2	1	5	cu	—	—	19.0	24	-3	14	0	81	1	1	5	138
ZAGAZIG	02	9	20	2	1	4	cu	8.8	21.4	57	03	7	26	2	5	8	Sc	12.0	—	17.8	24	-3	14	0	78	dr.	dr	4	139
CAIRO ALMÂZA	02	8	20	3	2	5	cu	8.8	21.0	47	02	7	20	4	6	5	Ns.	13.3	—	15.8	21	—	14	—	79	2	3	—	141
CAIRO EZBEKIYA	02	7	24	1	1	5	cu	8.0	21.1	49	02	5	16	4	5	5	cb	13.0	-4.5	15.3	22	-4	13	-1	85	dr.	1	3	—
CAIRO GIZA	02	8	18	1	1	4	cu	8.2	19.8	58	05	6	14	3	5	5	Sc.	13.1	-4.6	15.0	22	-4	13	0	84	dr.	1	4	—
HELWAN	05	6	26	2	2	5	ab.	8.0	18.8	56	13	5	14	3	6	5	cb	13.5	-4.1	13.9	20	-6	12	-3	87	tr.	3	2	143
SUEZ	02	8	04	1	6	5	Sc.	8.0	20.4	72	02	7	24	1	2	5	Sc.	12.3	-4.0	17.6	22	-5	14	-3	68	12	44	3	144
FAIYUM	13	7	14	2	2	8	cb.	8.2	17.8	66	18	4	18	1	2	7	cb	14.2	-3.1	15.0	—	—	11	-2	81	0	3	0	153
MINYA	03	6	24	4	2	7	NS.	7.2	19.5	61	02	7	32	1	1	4	cu	15.2	-2.5	14.9	20	-6	12	-2	83	tr	tr	—	154
ASYUT	03	6	22	5	2	6	Sc.	8.7	21.2	50	01	6	10	2	1	3	cu	15.9	-1.1	15.8	22	-5	11	-2	82	0	3	1	155
QENA	01	7	24	3	1	3	cu	9.9	22.3	49	01	7	24	2	1	4	cu	15.5	-0.5	17.2	23	-8	14	0	85	0	1	—	156
LUXOR	02	9	26	5	1	4	Ac.	10.3	24.0	75	00	9	22	2	0	0	—	15.6	—	18.6	25	—	15	—	71	0	9	—	157
ASWAN	02	7	24	5	1	5	cu	9.0	26.0	36	00	7	32	1	0	0	—	16.3	+0.9	19.0	27	-5	16	-1	50	0	dr	—	158
SIWA	00	8	28	2	0	0	—	13.5	24.5	47	00	8	00	0	0	0	—	18.3	+0.2	16.0	25	-2	10	-1	79	0	tr	0	148
BAHARIYA	02	9	32	1	5	4	cu	9.9	18.2	74	02	9	30	1	1	5	cc.	17.5	—	15.5	21	—	13	—	89	0	0	—	149
KHARGA	00	8	32	4	0	0	—	9.4	26.8	38	00	8	00	0	0	0	—	17.2	+0.7	17.6	27	-3	14	0	56	0	0	tr	151
DAKHLA	02	7	28	5	1	5	Sc	11.4	22.5	69	00	7	22	1	0	0	—	17.5	-0.1	15.0	26	-4	14	+1	78	0	0	—	152
TOR	03	4	28	2	8	7	cb.	8.6	22.8	60	20	5	32	3	6	3	Ns	13.4	-2.4	17.0	23	-3	13	-2	80	tr.	20	2	145
HURGHADA	13	8	30	4	2	7	Cu,Sc	7.6	23.9	44	00	9	28	3	0	0	—	13.4	-2.6	19.1	25	-3	14	-2	60	[illegible]	43	—	146
QUSEIR	03	7	26	2	2	6	Sc.	8.0	27.0	45	00	7	24	3	0	0	—	13.3	-2.2	21.0	28	0	18	-2	55	0	2	1	147
PORT SUDAN											02	—	28	3	0	4	—	11.8	-1.6	31.7	34	+3	25	+1	15	0	32	27	169
WADI HALFA											00	7	28	2	0	0	—	17.2	+1.7	17.8	28	-4	14	-1	38	—	—	—	165
KAREIMA											05	6	02	4	0	0	—	17.1	+3.9	21.3	31	-5	17	-2	29	0	dr	1	166
'ATBARA											30	—	32	6	3	9	—	15.0	+3.1	23.0	33	-3	20	0	38	0	1	1	167
KHARTÛM											01	7	02	4	1	4	Acc	13.9	+3.0	24.5	35	-2	21	0	42	dr.	24	5	168
KASSALA											02	8	04	2	1	5	Ac	10.7	+0.7	28.6	31	-7	22	0	41	dr.	7	11	170
WAD MEDANI											02	—	02	4	5	4	—	12.7	+2.2	25.3	30	-8	21	0	29	dr.	44	12	171
DUEIM											02	—	—	—	1	4	—	13.6	+3.0	25.0	30	-7	23	+3	36	0	17	12	173
RENK																												—	182
ROSEIRES											03	—	12	1	2	7	—	12.0	+2.0	24.6	34	-3	21	+3	60	0	72	33	172
EL OBEID											03	8	30	3	1	6	Ac,As	12.8	+0.5	23.0	29	-5	20	+3	33	dr.	20	19	174
EL FÂSHER											00	8	24	2	0	0	—	—	—	19.8	33	-1	14	0	49	0	4	8	175
GENEINA											01	8	04	5	1	3	Ac.	—	—	19.9	35	—	16	—	42	0	19	—	179
KADUGLI																												—	187
MALAKÂL											03	8	06	3	1	7	Ac,As	11.5	+0.7	24.4	32	-3	22	+3	43	0	75	84	176
WÂU											03	—	28	1	6	7		11.2	+1.3	22.3	34	-1	21	+1	88	3	186	133	177
JÛBA											02	8	30	2	1	5	Ac	12.5	+2.0	21.8	32	-4	19	-1	91	9	195	107	178

UPPER WINDS ON 11th (الرياح العليا يوم ١١)

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

SALÛM 7h	MATRÛH	DIKHEILA	CAIRO	[illegible]	ASYÛT	ASWÂN	WADI HALFA 5h	KAREIMA 5h	KHARTÛM 7h	KASSALA 7h	EL OBEID 6h	MALAKÂL 6h	JUBA 6h	GENEINA 6h
02 34 10							03 35 15	06 33 25	06 36 35	06 01 25	07 01 30	06 02 30	6.27.25	10.04.45
05 — —							06 35 40	10 30 20	10 34 25	10 01 40	10 03 35	10 04 50	10.35.05	15.13.30
10 34 40							10 35 20		15 31 15	15 02 35	15 06 20	15 05 40	15.13.15	20.15.25
11 34 30							15 29 10		20 31 30	20 03 25	20 02 16	20 03 30	20.10.25	30.13.00
							20 31 30		25 29 20	30 01 20	30 03 15	30 05 10	30.13.25	40.19.05
							30 28 30		30 29 05	33 01 05	35 05 10	40 12 05	40.16.25	50.18.10
							33 28 45		40 20 25			43 09 05	50.16.25	53.19.10
									50 11 15				60.18.25	
									60 13 10				63.17.30	

Forecast for 24 hours from noon on

تغيرات طقس المنطقة في ٢٤ ساعة من ظهر يوم

STATION	Mean humidity on 10th	Diff. from normal	Wet bulb temp. on 10th	Diff. from normal
Alexandria	69	+3	16.7	+0.1
Ezbekiya	61	-6	13.7	-3.3
Giza	73	+2	13.6	-3.0
Helwân	64	+9	12.8	-1.9

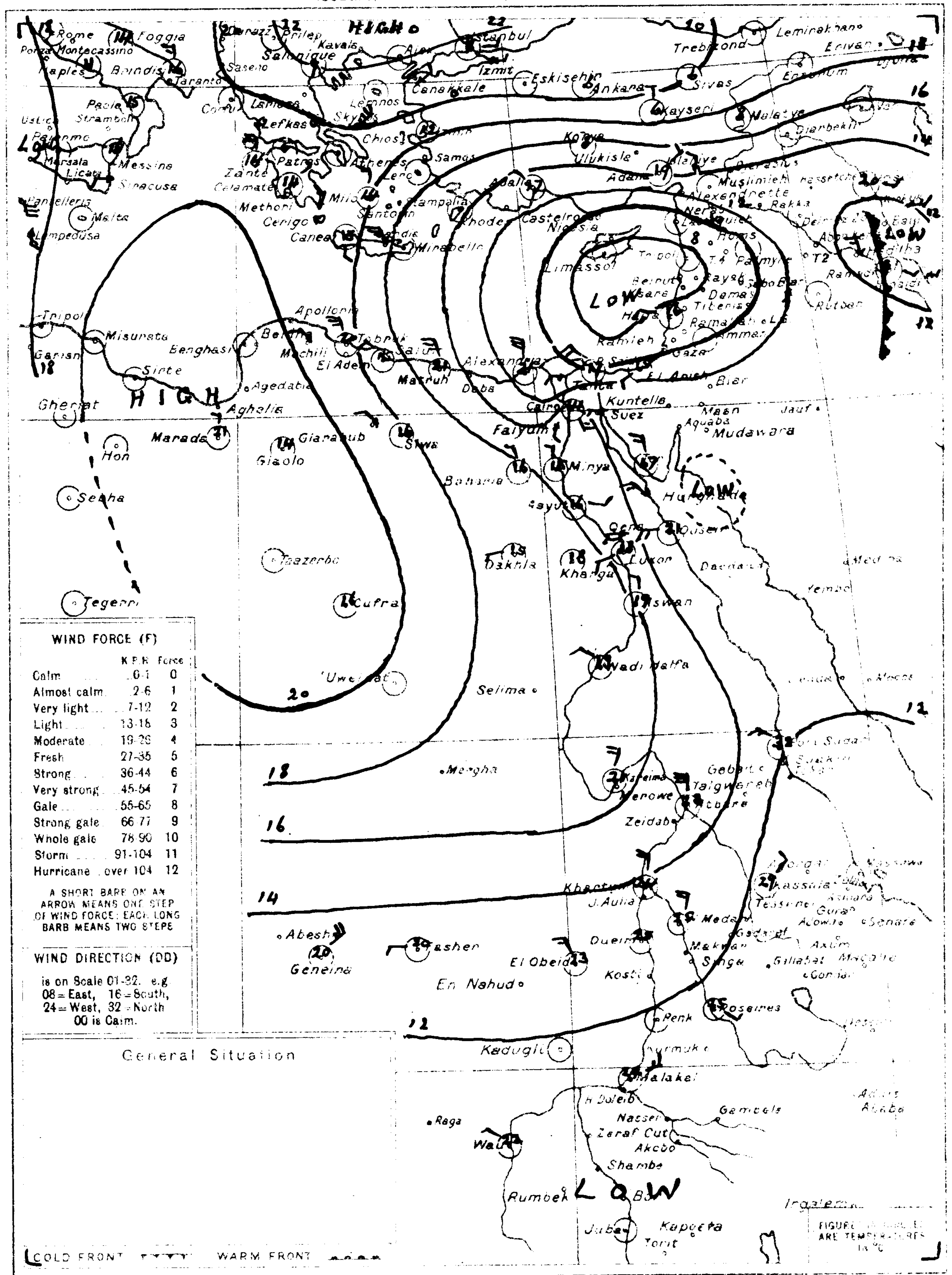
Giza Grass minimum on 11th: 7.9 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
11-11	1970	2925
10-11	2083	3182

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	11-11	13.15	-0.53	13.13	-0.55
Nasser	10-11	10.53	+0.01	10.54	-0.01
Malakal	11-11	12.26	-0.06	12.26	-0.06
Roseires	11-11	14.80	+0.49	14.87	+0.50
Sennâr Res.	11-11	18.97	—	18.87	—
J. Aulia U.S.	10-11	375.67	—	375.65	—
J. Aulia D.S.	10-11	372.58	-0.28	372.63	-0.16
Khartûm	10-11	12.28	-0.12	12.40	-0.13
Kh. el Girba	10-11	11.11	+0.20	11.11	+0.17
Atbara	10-11	11.79	-0.04	11.76	-0.03
Kajnarti	11-11	136.97	+0.45	137.21	+0.58
Aswân Res.	11-11	118.70	—	118.38	—
Aswân D.S.	11-11	87.30	-0.27	87.45	-0.24
Roda (Cairo)	10-11	16.51	-0.98	16.49	-1.0

Isobars, Wind and Temperature at 8 h. 11-11-1939 ١٩٣٩-١١-١١



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

At 8 h. on 11th (الساعة ٨ يوم ١١)

STATION	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. M.S.L. 1000+ mbs	Diff. from norm mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	Humidity	Rain past 24 hrs mm	Total from Oct 1 mm	Normal from Oct 1 mm
Limassol	60	6	06	3	6	8	—	7.9	-8.7	17	—	—	—	—	—	18	28	45
Haifa	03	—	26	8	—	7	—	9.0	-6.6	16.5	24	-2	15	0	77	18	19	47
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
Heavy Thunderstorm	29

CLOUD AMOUNT (N)

Clear	0
9 Tenths	6
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. 06 m. 10
" " Sunset h. 17 m. 01

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER 1939 — ١٩٣٩ شهر نوفمبر

١٩٣٩-١١-١٢ Isobars, Wind and Temperature at 8 h. 12 - 11 - 1939

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 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	SALUM	02	7	02	7	2	5	Cb	13.5	20.2	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	130
	MATRUH	01	8	28	4	1	4	Cu	13.0	20.3	70																			131
	DIKHEILA	01	8	30	5	1	4	Cu	13.3	21.8	58	01	8	30	4	1	4	Cu	17.1	—	21.3	22	—	18	—	62	dr	5	—	150
	ALEXANDRIA	02	9	30	5	2	4	Cu	12.3	23.1	45	02	9	32	2	2	4	Ac	16.7	-1.1	21.5	25	0	18	+1	62	tr	1	18	132
	DAMIETTA											01	8	00	0	1	3	Cu	15.2	—	20.9	21	—	15	—	77	6	11	13	159
	PORT SAID	01	7	28	4	2	4	Cb	9.1	20.8	67	02	7	28	3	6	4	Sc	13.4	-2.8	20.7	22	-3	17	-1	83	4	4	7	134
	EL ARISH	03	6	22	2	2	6	—	10.3	19.5	67	60	6	20	2	6	8	—	14.0	—	17.2	21	—	14	—	96	7	8	8	135
LOWER EGYPT	DAMANHUR											03	6	26	2	2	6	As	16.7	-1.5	18.2	24	-3	15	+1	80	0	dr	9	136
	MANSURA											02	4	20	2	0	4	Sc	16.6	—	18.3	23	-4	15	0	89	2	5	6	137
	TANTA	03	7	30	3	2	8	NS	11.2	23.0	59	03	6	00	0	2	8	NS	17.6	-0.7	18.0	24	-3	14	0	85	dr	1	5	138
	ZAGAZIG	02	8	26	1	1	4	Cu	11.9	23.4	52	03	8	20	1	5	8	Sc	17.8	—	17.4	25	-1	14	+1	85	dr	dr	4	139
CAIRO	ALMAZA	01	8	26	4	1	4	Cu	12.4	23.1	47	02	8	16	3	1	5	Sc	17.2	—	17.5	24	—	15	—	69	0	3	—	141
	EZBEKIYA	02	7	02	3	2	4	Cu	11.6	24.3	42	02	7	16	2	1	5	Ac	17.4	-0.2	16.4	25	-1	15	+1	77	0	1	3	—
	GIZA	02	7	30	3	1	4	Cu	11.4	23.4	46	01	7	14	2	1	4	Ac	17.6	-0.1	16.9	24	-2	13	0	78	0	1	4	—
	HELWAN	02	8	26	3	2	5	Cu	11.4	22.8	33	01	5	12	1	1	3	Sc	18.0	+0.3	15.7	23	-3	14	-1	70	0	3	2	143
	SUEZ	02	8	24	2	1	4	Cu	13.0	23.0	47	02	7	08	1	1	5	Sc	17.0	+0.7	20.3	24	-3	16	0	72	0	44	3	144
UPPER EGYPT	FAIYUM	02	7	32	4	2	5	Cu	12.2	23.0	44	00	7	22	2	0	0	—	18.0	+0.6	19.0	—	—	13	0	63	0	3	0	153
	MINYA	02	8	26	4	2	5	Cu	13.1	25.2	39	01	5	30	1	1	3	Cu	18.4	+0.7	15.7	25	-1	13	-1	75	0	tr	—	154
	ASYUT	02	7	22	3	1	5	Cb	14.3	24.0	51	00	6	22	3	0	0	—	18.4	+1.3	17.1	25	-2	13	0	62	0	3	1	155
	QENA	01	8	22	2	1	3	Cu	13.0	25.0	47	00	8	24	2	0	0	—	17.5	+1.4	17.2	27	-4	14	0	65	0	1	—	156
	LUXOR	00	9	26	3	0	0	—	13.6	25.5	42	00	9	10	1	0	0	—	18.0	—	18.5	27	—	11	—	67	0	9	—	157
	ASWAN	00	7	28	2	0	0	—	12.1	24.0	33	00	7	32	2	0	0	—	17.9	+2.4	18.5	26	-6	15	-1	48	0	dr	—	158
WESTERN DESERT	SIWA	00	8	24	1	0	0	—	14.7	23.1	62	00	8	00	0	0	0	—			16.1	23	-4	—	—	99	0	0	0	148
	BAHARIYA	01	9	32	1	0	3	—	14.8	23.0	44	00	9	16	1	0	0	—	18.4	—	16.6	23	—	10	—	73	0	0	—	149
	KHARGA	00	8	32	3	0	0	—	14.2	24.8	38	00	8	00	0	0	0	—	20.0	+3.4	15.8	26	-4	12	-1	54	0	0	tr	151
	DAKHLA	02	7	32	3	1	5	Sc	16.3	23.3	71	00	7	00	0	0	0	—	19.5	+1.8	14.5	25	-5	10	-3	82	0	0	—	152
RED SEA	TOR	01	6	28	2	2	3	Cb	12.7	23.0	59	00	5	32	2	1	1	NS	15.9	0.0	19.0	24	-2	15	0	81	0	20	2	145
	HURGHADA	01	9	30	3	1	3	Cb	12.2	24.0	50	00	9	26	3	0	0	—	16.4	+0.4	21.5	24	-4	14	-2	52	0	42	—	146
	QUSEIR	00	7	02	2	0	0	—	12.8	22.8	60	01	7	26	2	1	4	Ac	16.2	+0.6	23.4	26	-2	18	-2	48	0	2	1	147
	PORT SUDAN	03	—	16	4	—	8	—	8	31	—	00	—	32	4	0	0	—	12.8	-0.6	27.5	33	+2	24	0	42	0	32	29	169
NORTH SUDAN	WADI HALFA	00	7	18	4	0	0	—	—	26	26	00	8	02	2	0	0	—	18.0	+2.4	18.4	26	-6	13	-2	54	—	—	—	165
	KAREIMA	00	7	—	4	0	0	—	13.1	28	14	05	5	32	4	0	0	—	18.1	+4.7	20.3	29	-7	15	-4	73	0	dr	1	166
	ATBARA	01	—	30	3	0	2	—	—	30	15	00	—	28	2	0	0	—	15.6	+3.6	21.0	30	-6	16	-4	34	0	1	1	167
	KHARTUM	01	6	30	3	1	2	Cu,Ac	9.2	35	—	00	7	32	4	0	0	—	14.9	+3.9	22.0	36	-1	16	-5	31	0	24	5	168
	KASSALA											01	8	02	3	1	3	Ac	12.6	+2.5	23.9	34	-4	17	-5	47	0	7	11	170
CENTRAL SUDAN	WAD MEDANI	02	—	32	4	6	5	—	8	32	25	00	—	[illegible]	5	0	0	—	14.2	+3.6	22.8	34	-3	16	-4	20	0	44	12	171
	DUEIM	02	—	14	2	1	5	—	10	31	35	00	—	—	—	0	0	—	14.0	+3.3	24.4	33	-4	17	-1	27	0	17	12	173
	RENK	02	7	30	2	1	5	Sc	7.8	33	23																	—	—	182
	ROSEIRES	02	—	30	1	1	5	—	6	35	25	02	—	30	1	8	4	—	11.9	+1.7	25.8	37	0	23	+5	36	0	72	33	172
	EL OBEID	01	8	30	2	0	4	Ac	8.5	31	—	00	8	30	2	0	0	—	14.8	+2.4	19.5	32	-2	16	-1	32	0	20	19	174
	EL FASHER											00	8	02	3	0	0	—	—	—	20.0	33	-1	15	+1	22	0	4	3	175
	GENEINA	01	8	04	2	1	2	Cu,Ac	—	33	23	01	8	04	3	1	4	Ac	—	—	19.8	34	—	16	—	34	0	19	—	179
	KADUGLI																											—	—	187
S. SUDAN	MALAKAL	03	8	02	3	1	6	Ac,As	7.0	—	—	01	8	02	3	1	3	Ac	11.5	+0.7	24.6	33	-2	21	+2	43	0	75	85	176
	WAU	02	—	24	1	1	5	—	8	31	45	02	—	20	1	0	2	—	10.4	+0.5	24.6	31	-4	21	+1	79	0	186	134	177
	JUBA	02	8	06	5	3	5	Cu	7.6	30	53	02	8	00	0	1	5	Ac	11.1	+0.6	24.0	30	-6	21	+1	83	0	195	108	178

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

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

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.	KAREIMA 5 h.	KHARTUM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 6 h.	JUBA 6 h.	GENEINA 6 h.
							03.03.20	06.35.35	06.35.35	06.36.25	07.02.25	06.03.45	06.31.10	10.02.30
							06.04.40	10.32.15	10.36.25	10.02.25	10.02.40	10.03.70	10.26.05	15.07.25
							10.02.30	15.35.15	15.36.25	15.01.20	15.36.30	15.04.55	15.09.35	20.14.20
							15.01.25	20.32.25	20.01.15	20.32.20	20.35.20	20.05.35	20.11.35	30.21.10
							20.36.20	30.29.15	25.02.10	30.31.10		30.06.20	30.11.35	40.23.10
							30.34.15		30.04.10	40.25.05		33.05.25	40.09.35	50.12.05
							36.35.20		40.06.10	50.21.15			50.14.20	60.14.05
									50.31.05				60.13.15	
									57.27.20					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

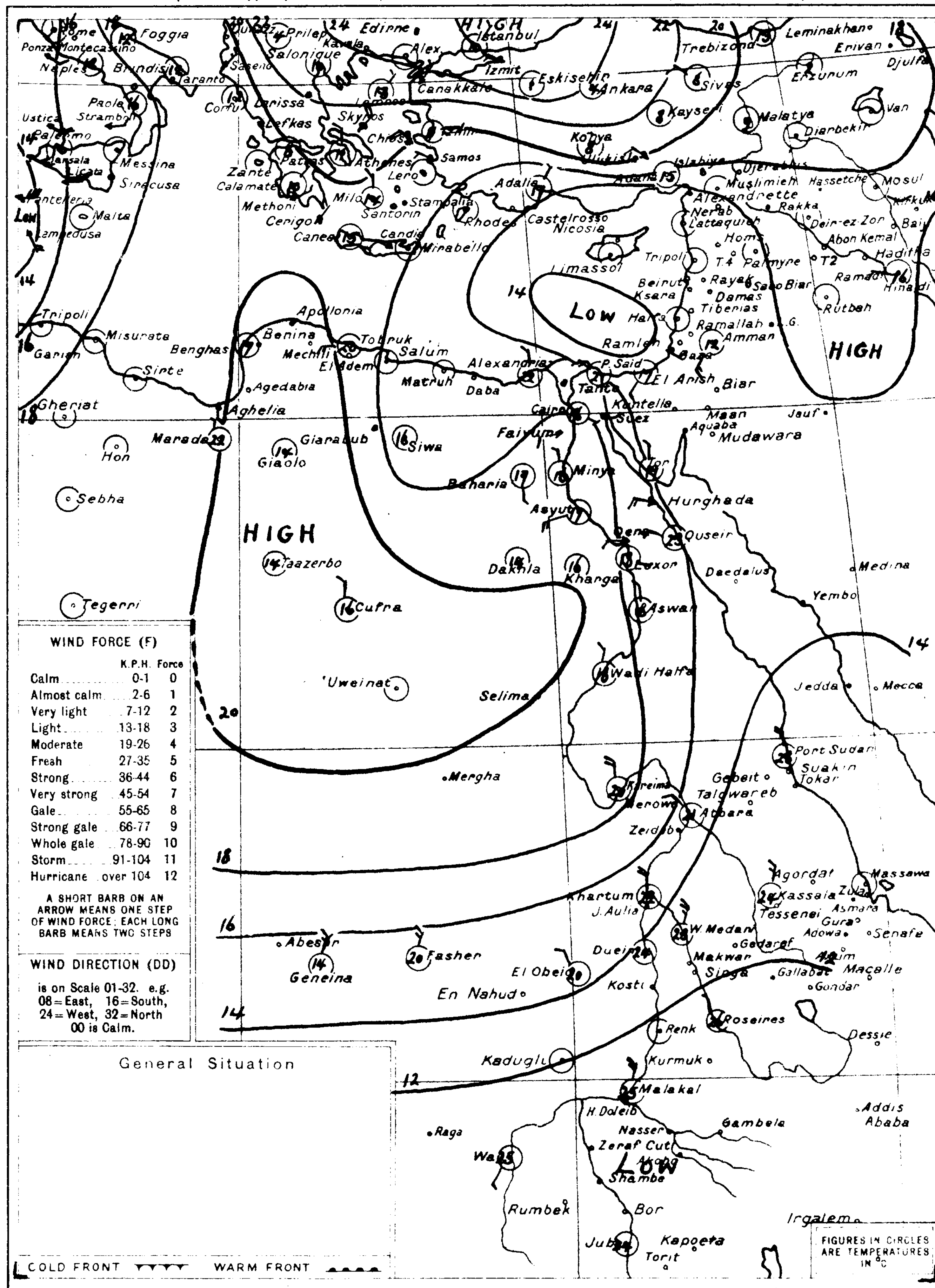
STATION	Mean of day Humidity % on 11th	Diff. from normal	Wet Bulb Temp. °C on 11th	Diff. from normal
Alexandria	59	-6	16.1	-0.4
Ezbekiya	73	+5	15.6	-1.3
Giza	71	0	15.3	-1.2
Helwan	67	+11	13.8	-0.7

Giza Grass minimum on 12th 9.2 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
12-11	1853	2714
11-11	1970	2925

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	12-11	13.12	-0.56	13.15	-0.53
Nasser	12-11	10.52	+0.01	10.53	+0.01
Malakal	12-11	12.26	-0.06	12.26	-0.06
Roseires	12-11	14.78	+0.53	14.80	+0.49
Sennar Res.	12-11	19.07	—	18.97	—
J. Aulia U.S.	12-11	375.61	—	375.60	—
J. Aulia D.S.	12-11	372.56	-0.24	372.63	-0.20
Khartum	12-11	12.23	-0.19	12.31	-0.16
Kh. el Girba	10-11	11.11	+0.20	11.11	+0.17
Atbara	12-11	11.58	-0.10	11.64	-0.07
Kajnarti	12-11	136.78	+0.36	136.97	+0.45
Aswan Res.	12-11	118.96	—	118.70	—
Aswan D.S.	12-11	87.17	-0.27	87.30	-0.27
Roda (Cairo)	12-11	16.54	-0.82	16.51	-0.92



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 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	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	32	2	0	0	—	14.4	-2.3	19	—	—	—	—	—	1	29	47
Haifa	00	—	08	3	0	0	—	15.5	-0.2	17.4	23	-3	13	-2	70	0	19	50
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 06 h 18 m
" " Sunset 17 h 01 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C

DAILY WEATHER REPORT

Month NOVEMBER 1939 — شهر نوفمبر ١٩٣٩

At 14 h. on 12th (الساعة ١٤ يوم ١٢)

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	02	8	26	1	1	5	Cu.	17.5	21.9	55
	MATRUH										
	DIKHEILA	01	8	30	3	1	4	Cu.	17.4	22.2	59
	ALEXANDRIA	02	9	04	2	2	4	Ac.	16.8	24.2	51
	DAMIETTA										
	PORT SAID	02	7	28	3	1	4	Ns.	15.2	24.0	67
	EL ARISH	01	7	32	3	0	3	Ac.	15.6	22.0	78
Lower Egypt	DAMANHUR										
	MANSURA										
	TANTA	03	7	30	3	2	7	Ns.	17.0	22.0	66
	ZAGAZIG	02	9	20	2	1	4	Cu.	16.7	24.9	61
Middle Egypt (Cairo)	ALMAZA	01	8	23	3	5	4	Cu.	16.6	24.2	59
	EZBEKIYA	02	8	28	1	1	4	Cu.	16.4	24.7	49
	GIZA	02	8	32	1	1	4	Cu.	16.4	24.8	55
	HELWAN	02	7	26	1	2	5	Cu.	17.0	22.3	56
	SUEZ	02	7	04	3	2	5	As.	16.8	21.3	73
Upper Egypt	FAIYUM	01	8	30	2	0	4	Cu.	16.4	25.7	46
	MINYA	02	7	32	2	1	5	Cu.	16.8	23.6	44
	ASYUT	02	8	32	2	1	4	Cu.	16.8	24.0	46
	QENA	00	8	22	1	0	0	—	14.6	27.0	46
	LUXOR	00	9	28	1	0	1	Ci.	15.4	26.8	40
	ASWAN	00	7	32	2	0	0	—	14.2	25.3	33
Western Desert	SIWA	00	8	26	1	0	0	—	18.7	23.0	63
	BAHARIYA	00	9	00	0	0	0	—	18.3	21.9	51
	KHARGA	00	8	32	2	0	0	—	16.7	25.0	34
	DAKHLA	00	8	28	5	0	0	—	18.2	23.0	66
Red Sea	TOR	00	6	28	5	1	7	Sc.	14.7	24.0	72
	HURGHADA	00	9	32	3	0	0	—	15.6	24.4	54
	QUSEIR	01	7	32	2	0	2	Cs.	15.0	25.0	54
	PORT SUDAN										
North 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										

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.	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 No.
SALUM	01	7	18	2	0	3	Ac.	19.9	+1.5	17.8	24	—	14	—	63	0	28	—	130
MATRUH	01	9	16	2	1	3	St.	20.0	+2.3	19.0	23	−1	15	0	81	0	28	24	131
DIKHEILA	02	8	12	1	1	4	Ci.	20.7	—	20.0	22	—	15	—	66	0	5	—	150
ALEXANDRIA	02	9	00	0	2	4	Ac.	20.3	+2.4	21.7	26	+1	18	+1	62	0	1	19	132
DAMIETTA	01	8	00	0	1	3	Cu.	20.2	—	20.7	24	—	16	—	81	0	11	13	159
PORT SAID	02	8	12	3	8	5	Cu.	20.4	+4.2	19.2	26	+1	17	0	90	dr.	4	8	134
EL ARISH	00	7	00	0	0	0	—	19.9	—	15.3	23	—	13	—	97	0	8	9	135
DAMANHUR	00	7	06	2	1	0	—	20.3	+2.1	18.8	26	−1	15	+1	85	0	dr	10	136
MANSURA	01	8	20	2	1	3	Sc.	20.2	—	18.9	25	−2	15	0	87	1	6	6	137
TANTA	00	8	00	0	0	0	—	20.7	+2.4	19.0	26	−1	14	+1	86	0	1	5	138
ZAGAZIG	00	7	20	1	0	0	—	21.1	—	19.2	25	−1	12	−1	88	0	dr	4	139
ALMAZA	00	7	06	2	0	1	Cs.	20.0	—	19.6	25	—	14	—	76	0	3	—	141
EZBEKIYA	01	6	32	1	0	2	Ci.	20.0	+2.4	17.1	27	+1	15	+1	87	0	1	3	
GIZA	08	4	30	1	4	0	—	20.3	+2.5	16.4	27	+1	13	0	92	0	1	4	
HELWAN	00	6	00	0	0	0	—	19.8	+2.1	18.9	24	−1	15	0	74	0	3	2	143
SUEZ	00	7	32	1	0	0	—	20.0	+2.7	17.1	25	−2	14	−2	88	0	44	4	144
FAIYUM	00	7	00	0	0	0	—	20.3	+2.8	20.0	—	—	13	0	72	0	3	0	153
MINYA	00	6	32	2	0	0	—	19.6	+1.8	17.5	24	−2	14	0	79	0	tr	—	154
ASYUT	00	6	24	3	0	0	—	18.2	+1.0	18.8	26	0	13	0	66	0	3	1	155
QENA	00	8	26	1	0	0	—	18.2	+2.0	17.6	28	−3	14	0	74	0	1	—	156
LUXOR	00	9	06	2	0	0	—	19.0	—	19.8	28	—	11	—	61	0	9	—	157
ASWAN	00	7	02	2	0	0	—	18.4	+2.8	18.6	26	−6	15	−1	57	0	dr		158
SIWA	00	8	00	0	0	0	—	21.5	+2.3	15.2	24	−2	12	+1	70	0	0	0	148
BAHARIYA	00	9	32	1	0	0	—	23.2	—	17.2	24	—	13	—	71	0	0	—	149
KHARGA	00	8	00	0	0	0	—	19.8	+3.2	18.5	25	−5	11	−2	58	0	0	tr.	151
DAKHLA	00	7	00	0	0	0	—	20.6	+2.8	12.0	24	−5	9	−4	76	0	0	—	152
TOR	00	6	32	2	0	1	Cu.	18.0	+2.1	19.5	24	−2	15	+1	72	0	20	2	145
HURGHADA	00	9	26	3	0	0	—	17.9	+1.8	21.5	25	−3	17	+1	64	0	42	—	146
QUSEIR	01	7	32	3	1	4	Ac.	17.1	+1.5	24.3	25	−3	19	−1	66	0	2	2	147
PORT SUDAN	03	—	32	3	1	7	—	15.0	+1.5	26.7	32	+1	24	0	50	0	32	30	169
WADI HALFA	00	9	02	3	0	0	—	17.6	+1.9	17.6	27	−5	13	−2	53	—	—	—	165
KAREIMA	00	7	02	4	0	0	—	16.3	+2.8	20.2	28	−8	15	−3	34	0	dr	1	166
ATBARA	00	—	30	3	0	0	—	14.4	+2.4	22.0	30	−6	16	−4	32	0	1	1	167
KHARTUM	00	8	02	2	0	0	—	14.3	+3.2	21.2	33	−4	16	−4	36	0	24	5	168
KASSALA	01	8	04	1	1	4	Ac.	11.6	+1.5	23.6	35	−2	16	−6	47	0	7	11	170
WAD MEDANI	00	—	32	4	0	0	—	13.6	+2.9	21.7	33	−4	11	−9	22	0	44	12	171
DUEIM	00	—	—	—	0	0	—	14.3	+3.5	23.0	32	−5	17	−3	31	0	17	12	173
RENK																	—		182
ROSEIRES	00	—	30	1	1	0	—	12.3	+2.3	22.8	35	−1	15	−3	67	0	72	33	172
EL OBEID	00	8	30	2	0	0	—	14.7	+2.2	18.0	31	−3	13	−3	36	0	20	19	174
EL FASHER	00	8	04	3	0	0	—	—	—	18.2	32	−2	13	−1	38	0	4	8	175
GENEINA	01	8	04	5	1	4	As.Ac.	—	—	18.7	35	—	14	—	25	0	19		179
KADUGLI																	—		187
MALAKAL	00	8	04	4	0	0	—	12.2	+1.4	22.8	34	−1	17	−2	27	0	75	85	176
WAU	00	—	28	2	0	0	—	10.7	+0.7	22.0	33	−2	18	−2	76	0	186	135	177
JUBA	01	8	30	2	1	4	Ac.	10.3	−0.1	25.7	32	−4	21	+1	75	2	197	109	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.

SALUM 7 h. m.	MATRUH h. m.	DIKHEILA h. m.	[illegible] 8 h. m.	HELWAN h. m.	ASYUT h. m.	Fasher 6 h. m.	WADI HALFA 5 h. m.	KAREIMA 5 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 5 h. m.	MALAKAL 3 h. m.	JUBA 7 h. m.	Geneina 5 h. m.
02 15 10			02 36 15			09 06 35	03 02 30	06 05 65	06 01 35	06 04 15	07 02 25	06 19 60	06 27 20	10 05 [illegible]
05 — —			05 03 25			10 06 45	06 03 50	10 08 45	10 02 25	10 11 05	10 03 30	10 03 55	10 17 05	15 09 35
16 14 10			10 03 30			15 35 15	10 03 35	15 13 30	15 35 35	15 16 15	15 31 30	15 03 45	15 13 25	20 07 35
14 11 10			15 04 15			20 32 25	15 06 20		20 23 10	20 18 15	20 26 20	20 03 35	20 12 45	30 07 10
15 05 10			20 09 15			30 30 45	20 03 10		25 18 15	24 19 20	28 22 20	30 05 15	30 12 35	40 24 05
20 02 10			25 03 10			32 27 35	30 34 05		30 20 20			36 31 55	40 09 10	42 09 05
22 35 10			30 05 15				40 36 25		40 20 45				43 09 20	
23 32 05			35 04 25				47 33 15		50 18 50					
30 22 05														
35 27 10														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	59	−6	17.2	+0.7
Ezbekiya	69	+1	16.5	−0.3
Giza	70	−2	17.0	+0.6
Helwan	61	+5	15.3	+0.9

Giza Grass minimum on 13th 8.8 °C

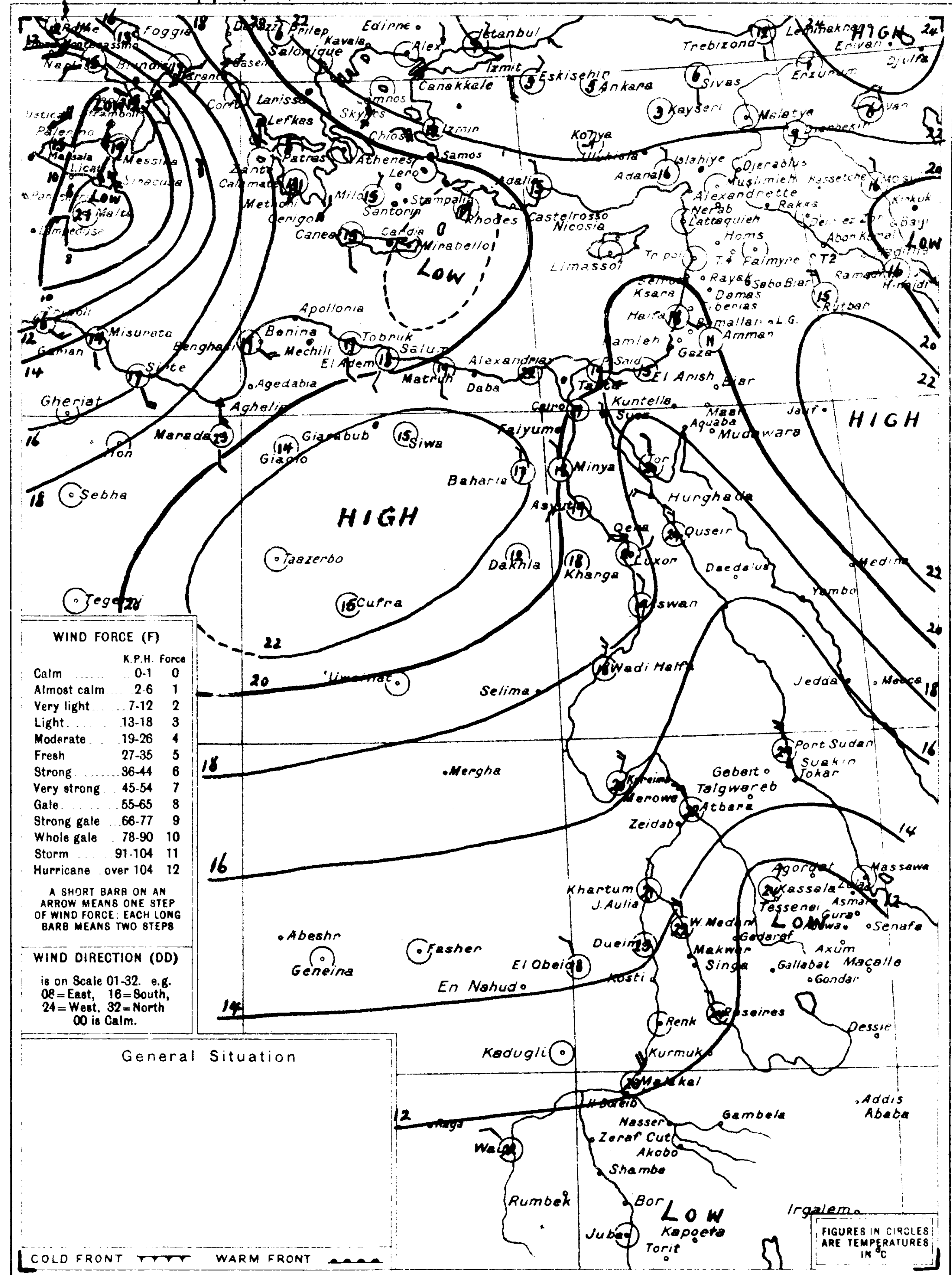
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
13-11	1852	2511
12-11	1853	2714

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	13-11	13.10	−0.58	13.12	−0.66
Nasser	13-11	10.51	+0.01	10.52	+0.01
Malakal	13-11	12.26	−0.06	12.26	−0.06
Roseires	13-11	14.80	+0.62	14.78	+0.53
Sennar Res	13-11	19.11	—	19.07	—
J. Aulia U.S	13-11	375.67	—	375.61	—
J. Aulia D.S	13-11	372.47	−0.30	372.56	−0.24
Khartum	13-11	12.19	−0.20	12.23	−0.19
Kh. el Girba	13-11	11.11	+0.20	11.11	+0.17
Atbara	13-11	11.55	−0.10	11.58	−0.10
Kajnarti	10-11	136.58	+0.24	136.78	+0.36
Aswan Res.	13-11	119.26	—	118.96	—
Aswan D.S.	12-11	87.15	−0.17	87.17	−0.27
Roda (Cairo)	13-11	16.60	−0.69	16.54	−0.82

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

Isobars, Wind and Temperature at 8 h. 13-11-39 — ١٣-١١-٣٩



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	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	—	20.2	+3.5	22	—	—	—	—	—	0	29	49
Haifa	00	—	10	2	—	0	—	19.5	+3.8	17.8	24	−2	14	−1	78	0	19	53

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	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. 30

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER 1939 — ١٩٣٩ نوفمبر شهر

STATION	14h on 13th: 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 on TUESDAY 14th: 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	8	18	3	0	0	—	17.[illegible]	22.6	[illegible]3	00	7	14	1	0	0	—	22.2	+3.7	18.4	24	—	15	—	70	0	28	—	130
MATRÛH	01	4	24	2	0	2	Cu	19.6	22.0	58	01	8	18	1	0	3	Ac.	22.4	+4.7	21.3	27	+3	13	-2	75	0	28	25	131
DIKHEILA	01	8	24	2	1	4	Cu.	20.3	22.7	66	00	8	08	1	0	2	Sc.	21.8	—	20.4	26	—	16	—	77	0	5	—	150
ALEXANDRIA	02	9	00	0	2	4	Ac.	19.8	25.3	58	00	9	00	0	0	0	—	21.6	+3.7	22.3	29	+4	19	+3	69	0	1	20	132
DAMIETTA											01	8	04	1	1	3	Cu.	21.4	—	23.2	25	—	18	—	74	0	11	14	159
PORT SAÎD	00	8	04	2	1	0	—	19.4	22.8	63	01	7	04	1	1	2	Cu.	—	—	25.5	27	+2	21	+4	65	0	4	8	134
EL 'ARÎSH	00	7	02	2	0	0	—	19.6	22.3	72	00	7	00	0	0	0	—	21.0	—	24.2	24	—	12	—		0	8	9	135
LOWER EGYPT																													
DAMANHÛR											00	7	08	3	0	0	—	21.4	+3.7	18.2	28	+2	15	+2	96	0	dr	10	136
MANŞÛRA											01	8	32	2	1	3	Sc.	21.2	—	19.4	27	0	16	+2	82	0	6	6	137
TANTA	02	7	00	0	1	5	Cu.	19.9	26.0	55	00	7	00	0	0	0	—	21.2	+2.7	20.0	27	+1	13	0	91	0	1	5	138
ZAGÂZÎG	01	8	04	1	0	3	Cu.	19.2	27.4	50	00	5	02	1	0	0	—	21.9	—	17.4	28	+2	13	0	95	0	dr	4	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	02	4	1	4	Cu.	18.6	25.5	46	05	5	00	0	4	2	St.	21.0	—	15.9	26	—	14	—	82	0	3	—	141
CAIRO EZBEKIYA	02	9	06	4	1	4	Cu.	18.4	27.4	40	08	5	02	2	4	3	St.	21.4	+3.7	15.6	29	+3	14	0	92	0	1	3	—
CAIRO GÎZA	02	8	33	3	1	5	Cu.	18.3	26.4	47	47	2	30	1	4	4	—	21.4	+3.5	15.3	27	+1	13	+1	100	0	1	4	—
HELWÂN	01	4	06	3	0	4	Cc.	18.2	25.4	38	00	6	04	4	0	0	—	20.6	+2.8	20.3	26	+1	17	+3	63	0	3	2	143
SUEZ	00	4	32	2	0	0	—	18.6	24.0	56	00	8	33	1	0	0	—	20.3	+2.9	19.2	25	-1	16	0	80	0	44	4	144
UPPER EGYPT																													
FAIYÛM	00	8	32	3	0	0	—	17.5	28.7	32	00	7	02	1	0	0	—	20.7	+3.1	18.9	—	—	13	0	73	0	3	0	153
MINYA	00	8	30	3	0	0	—	17.0	25.3	47	00	7	00	0	0	0	—	19.6	+1.8	17.7	26	0	14	+1	77	0	tr	—	154
ASYÛT	00	8	32	2	0	0	—	16.7	27.2	36	00	6	22	3	0	0	—	19.5	+2.2	18.0	30	+4	14	+1	71	0	3	1	155
QENA	00	8	22	1	0	0	—	15.4	27.3	50	00	8	28	1	0	0	—	18.6	+2.4	18.5	30	0	13	0	75	0	1	—	156
LUXOR	00	9	30	2	0	0	—	16.2	28.5	37	00	9	06	1	0	0	—	17.1	—	19.9	29	—	12	—	72	0	9	—	157
ASWÂN	00	7	04	2	0	0	—	13.4	27.8	38	00	7	32	1	0	0	—	18.3	+2.6	20.4	30	-1	16	0	55	0	dr		158
WESTERN DESERT																													
SÎWA	00	8	00	0	0	0	—	20.7	24.0	71	00	8	00	0	0	0	—	22.0	+3.8	18.0	25	-1	12	+1	71	0	0	0	148
BAHARÎYA	01	9	00	0	0	4	Cu	18.0	25.4	47	00	9	32	1	0	0	—	21.0	—	15.4	27	—	12	—	83	0	0	—	149
KHÂRGA	00	8	32	1	0	0	—	16.3	23.3	39	00	8	32	1	0	0	—	19.4	+2.7	16.8	25	-5	12	-1	58	0	0	tr	151
DÂKHLA	00	8	00	0	0	0	—	17.6	26.0	59	00	7	24	1	0	0	—	20.7	+2.6	16.0	27	-2	13	0	79	0	0	—	152
RED SEA																													
TÔR	00	7	28	3	0	1	Cu.	14.8	25.3	56	00	6	32	3	0	0	—	18.7	+2.7	20.0	26	0	16	+2	72	0	20	2	145
HURGHÂDA	00	4	30	3	0	0	—	16.0	25.4	57	00	9	26	3	0	0	—	18.6	+2.4	22.0	26	-1	17	+1	60	0	42	—	146
QUŞEIR	01	7	32	3	0	4	Ac.	16.0	25.5	72	01	7	30	3	0	2	Cs.	17.5	+1.9	25.0	27	-1	21	+1	75	0	2	2	147
PORT SUDAN	02	—	02	4	1	4	—	12	24	55	00	—	33	3	0	0	—	16.6	+3.1	27.5	30	-1	24	0	53	0	32	32	169
NORTH SUDAN																													
WÂDI HALFA											00	8	30	2	0	0	—	18.0	+2.2	18.2	27	-4	13	-2	54	—	—	—	165
KAREIMA	00	8	02	2	0	0	—	12.0	29	20	00	7	04	1	0	0	—	16.4	+2.8	20.4	30	-6	16	-2	36	0	dr	1	166
'ATBARA	01	—	04	2	0	3	—	10	32	25	00	—	04	2	0	0	—	14.7	+2.6	20.0	32	-3	19	-1	77	0	1	1	167
KHARTÛM	00	8	32	2	0	0	—	9.4	33	23	00	8	32	3	0	0	—	13.4	+2.7	22.6	34	-3	18	-2	33	0	24	5	168
KASSALA	01	8	20	1	0	2	Cu.	—	35	21	00	8	04	1	0	2	Ac.	11.3	+1.2	26.8	35	-2	22	+1	57	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	30	3	0	3	—	8	31	10	00	—	30	4	0	0	—	13.8	+3.1	22.1	32	-5	13	-7	31	0	44	12	171
DUEIM	01	—	—	—	0	3	—	10	31	10	00	—	—	—	0	0	—	14.6	+3.7	22.0	32	-5	16	-3	36	0	17	12	173
RENK	00	8	30	2	0	1	Cc.S.	8.8	33	13									—	—	—	—	—	—			—	—	182
ROSEIRES	01	—	20	1	0	3	—	8	35	10	00	—	26	1	1	0	—	13.5	+3.5	22.5	36	-1	15	-3	34	0	72	34	172
EL OBEID	00	8	30	1	0	0	—	9.1	29	31	01	8	22	1	0	2	Ac.	15.3	+2.1	18.0	29	-5	13	-3	32	0	20	19	174
EL FASHER	00	—	04	3	0	0	—	—	26	10	00	8	32	3	0	0	—	—	—	16.5	30	-4	11	-2	36	0	4	8	175
GENEINA	01	8	32	2	1	3	Cu.	—	33	17	00	8	04	5	0	0	—	—	—	18.2	34		12		30	0	19	—	179
KADUGLI																											—	—	187
S. SUDAN																													
MALAKÂL	00	8	07	3	0	0	—	8.0	33	15	01	8	04	4	1	4	Ac.	12.4	+1.6	24.4	33	-2	17	-2	26	0	75	86	176
WÂU	01	—	08	2	0	3	—	7	33	10	01	—	04	1	0	3	—	12.7	+2.7	23.0	32	-1	17	-3	70	0	186	135	177
JUBA	02	8	12	2	1	5	Cu.	5.0	33	41	02	8	20	2	6	5	Ac.As	13.9	+3.5	22.9	33	-3	20	0	91	5	202	110	178

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

UPPER WINDS ON 14th — الرياح العليا

SALÛM 7h	MATRÛH	DIKHEILA	CAIRO	HELWAN	ASYUT / Fasher 6h	WÂDI HALFA 5h	KAREIMA 4h	KHARTÛM 5h	KASSALA 0h	EL OBEID 6h	MALAKÂL 6h	JÛBA	Geneina 6h
02 15 05					09 03 20	03 01 20	06 03 65	06 35 40	06 07 10	07 36 35	06 01 50		10 05 35
05 — —					10 05 35	06 03 40	10 04 55	10 01 25	10 10 15	10 02 35	10 01 40		15 04 25
10 15 35					20 31 20	10 03 30	15 11 25	15 05 20	15 07 10	15 18 10	15 01 25		20 33 30
15 18 25					30 34 65	15 11 10	20 12 20	20 19 20	20 06 20	20 27 10	20 02 15		30 25 10
20 20 10					36 33 80	20 13 15	30 08 15		30 08 10	25 33 10	30 11 10		40 05 20
25 24 05						30 31 10	33 09 15		40 07 10		40 12 15		46 06 20
30 21 15						40 03 15			44 03 05		43 11 15		
35 24 25						43 03 15							
40 23 30													

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	64	-1	18.4	+2.2
Ezbekiya	67	+1	17.2	+0.5
Gîza	73	+1	17.3	+1.0
Helwân	63	+7	16.3	+2.0

Gîza Grass minimum on 14th 10.6 °C

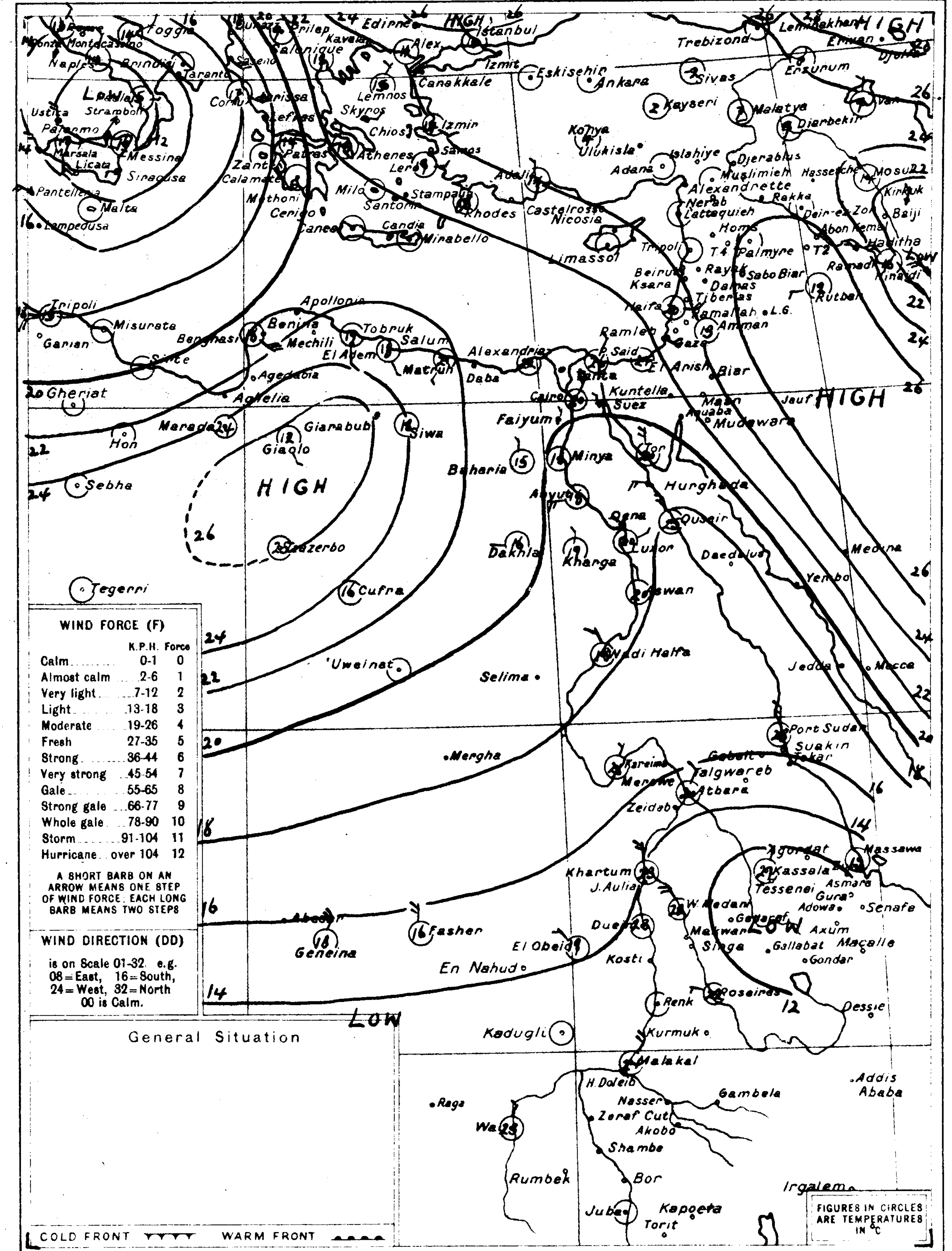
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
14–11	1852	2302
13–11	1852	2511

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13–11	13.10	-0.58	13.12	-0.56
Nâsser	14–11	10.50	+0.02	10.51	+0.01
Malakâl	14–11	12.26	-0.06	12.26	-0.06
Roseires	14–11	14.80	+0.67	14.80	+0.62
Sennâr Res	14–11	19.23	—	19.11	—
J. Aulia U.S	14–11	375.66	—	376.67	—
J. Aulia D.S	14–11	372.43	-0.31	372.47	-0.30
Khartûm	14–11	12.14	-0.20	12.19	-0.20
Kh. el Girba	10–11	11.11	+0.20	11.11	+0.17
'Atbara	14–11	11.53	-0.09	11.55	-0.10
Kajnarti	14–11	136.39	+0.14	136.53	+0.24
Aswân Res.	14–11	119.49	—	119.26	—
Aswân D.S.	14–11	87.15	-0.04	87.15	-0.17
Rôda (Cairo)	14–11	16.54	-0.69	16.60	-0.69

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

Isobars, Wind and Temperature at 8 h. 14-11-39 — ١٢ - ١١ - 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

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

STATION	At 8h on 14th: 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	28	1	0	0	—	22.8	+6.0	17	—	—	—	—	—	0	29	52
Haifa	00	—	10	2	—	0	—	22.8	+7.0	19.8	26	0	17	+2	54	0	19	56
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. 6 m. 20
" " Sunset h. 17 m. 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *NOVEMBER* 1939 ١٩٣٩ شهر نوفمبر

STATION	14h on 14th (الساعة ١٤ يوم ١٤) Present weather ww	Visibility V	Wind Dir. DD	Wind 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 WEDNESDAY 15th (الساعة ٨ يوم الاربعاء ١٥) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
SALUM	01	8	14	3	0	2	Cu	20.3	23.5	46	09	6	16	2	0	2	Sc	21.0	+2.5	18.2	24	—	16	—	85	0	28	—	130
MATRUH	01	8	02	1	1	3	Cu	20.6	24.4	71	01	8	12	1	1	3	Cu	20.6	+2.9	20.2	27	+3	17	+3	82	0	28	26	131
DIKHEILA	01	8	02	4	1	3	Cu	20.3	23.3	65	01	8	12	1	1	3	Sc	20.3	—	22.2	26	—	16	—	72	0	5	—	150
ALEXANDRIA	02	9	04	3	2	4	Ac	19.8	26.5	55	02	9	00	0	2	4	Ac	20.2	+2.3	23.5	29	+4	19	+3	70	0	1	21	132
DAMIETTA											01	8	02	1	1	3	Cu	18.8	—	22.3	25	—	19	—	77	0	11	14	159
PORT SAID	00	7	04	2	0	0	—	18.0	25.0	68	00	8	04	3	1	0	—	18.4	+2.1	24.6	27	+2	20	+3	69	0		9	134
EL ARISH	00	7	02	2	0	0	—	19.0	24.3	62	00	7	12	1	0	0	—	18.2	—	16.0	27	—	14	—	98	0	8	10	135
DAMANHUR											01	6	32	2	1	2	Cu	20.0	+1.7	18.2	27	+1	15	+2	97	0	tr	11	136
MANSURA											00	8	32	1	0	0	—	20.3	—	19.8	28	+1	17	+3	83	0	6	6	137
TANTA	02	8	00	0	1	5	Cu	18.6	27.0	49	00	8	00	0	0	0	—	19.8	+1.5	20.0	28	+2	13	0	91	0	1	5	138
ZAGAZIG	00	9	04	1	0	1	Cu	19.1	28.9	46	00	8	30	1	0	0	—	19.5	—	20.9	29	+3	15	+2	82	0	tr	4	139
CAIRO ALMAZA	00	8	02	3	0	1	Cu	18.0	27.4	39	05	6	06	1	4	2	Sc	19.2	—	19.5	28	—	14	—	77	0	3	—	141
CAIRO EZBEKIYA	00	9	02	5	0	1	Cu	17.8	28.5	36	08	4	32	1	4	5	St	19.8	+2.1	16.7	29	+3	15	+1	94	0	1	3	—
CAIRO GIZA	01	7	30	2	0	2	Cu	17.9	28.0	47	47	2	00	0	4	9	—	19.4	+1.4	16.0	28	+2	14	+2	100	0	1	4	—
HELWAN	00	8	02	3	0	1	Cu	17.8	27.0	34	05	6	30	3	0	2	Cu	18.8	+1.0	18.4	27	+2	15	+1	85	0	3	2	143
SUEZ	00	9	00	0	0	0	—	19.0	26.5	48	00	7	32	2	0	0	—	18.3	+1.9	19.1	30	+4	16	0	89	0	44	4	144
FAIYUM	00	8	06	1	0	0	—	18.6	30.0	36	03	6	32	3	0	8	Sc	19.2	+1.6	16.8	—	—	14	+1	92	0	3	0	153
MINYA	00	9	02	2	0	0	—	17.6	25.7	42	00	8	32	2	0	0	—	18.4	+0.5	17.4	29	+3	13	0	74	0	tr	—	154
ASYUT	00	8	26	3	0	0	—	17.0	28.0	39	00	6	22	3	0	0	—	18.2	+0.8	18.0	29	+3	14	+2	62	0	3	1	155
QENA	00	8	24	1	0	0	—	15.5	28.6	47	00	8	26	1	0	0	—	17.2	+0.9	19.2	31	+1	15	+2	68	0	1	—	156
LUXOR	00	9	04	2	0	0	—	16.0	29.9	38	00	9	02	1	0	0	—	18.0	—	17.8	31	—	12	—	70	0	9	—	157
ASWAN	00	7	32	2	0	0	—	14.3	28.4	32	00	7	02	1	0	0	—	17.0	+1.2	20.8	30	-1	17	+1	53	0	tr	—	158
SIWA	00	8	00	0	0	0	—	21.6	26.0	72																	0	0	148
BAHARIYA	00	9	30	1	0	0	—	18.3	25.0	43	00	9	00	0	0	0	—	19.9	—	17.0	26	—	16	—	95	0	0	—	149
KHARGA	00	8	32	2	0	0	—	15.9	25.0	39	00	8	00	0	0	0	—	18.7	+1.9	18.5	25	-4	12	-1	54	0	0	1	151
DAKHLA	00	8	00	0	0	0	—	17.9	27.5	67	00	7	00	0	0	0	—	19.8	+1.8	14.5	29	0	12	0	76	0	0	—	152
TOR	00	7	28	4	0	0	—	16.0	26.0	59	00	6	32	3	0	0	—	16.4	+0.3	20.1	26	0	15	+1	63	0	20	2	145
HURGHADA	00	9	32	3	0	0	—	17.1	27.3	50	00	9	28	3	0	0	—	16.4	+0.2	22.8	28	+1	17	+2	48	0	42	—	146
QUSEIR	01	7	32	3	0	2	Cs	16.6	26.5	73	00	7	26	2	0	0	—	16.3	+0.6	25.9	27	-1	19	-1	42	0	2	2	147
PORT SUDAN											00	—	32	3	0	0	—	14.2	+0.6	28.3	32	+1	25	+1	62	0	32	34	169
WADI HALFA	00	8	30	3	0	0	—	14.7	29	26	00	8	30	2	0	0	—	16.7	+0.8	18.0	30	-1	13	-1	46	—	—	—	165
KAREIMA	00	8	04	2	0	0	—	11.7	32	25	00	7	04	3	0	0	—	14.5	+0.8	24.0	33	-2	20	+2	34	0	tr	1	166
ATBARA											00	—	08	3	0	0	—	13.3	+1.1	25.3	36	+1	21	+2	41	0	1	1	167
KHARTUM	00	8	06	2	0	0	—	8.7	37	20	00	8	02	2	0	0	—	11.9	+0.6	26.9	37	+1	22	+2	39	0	24	5	168
KASSALA	01	7	32	2	0	3	—	6.3	35	32	00	8	04	1	0	0	—	10.0	-0.2	27.8	36	-1	24	+3	58	0	7	11	170
WAD MEDANI	01	—	00	0	0	4	—	—	—	15	00	—	04	3	0	0	—	10.4	-0.4	26.8	36	-1	18	-2	37	0	44	12	171
DUEIM	11	—	—	—	0	—	—	9	35	25	00	—	—	—	0	0	—	12.2	+1.2	25.0	35	-2	18	-1	36	0	17	12	173
RENK	00	9	30	2	0	1	St	8.3	34	20											—	—	—	—				—	182
ROSEIRES	01	—	30	1	0	4	—	7	35	25	00	—	14	1	0	0	—	11.2	+1.1	24.3	37	0	16	-2	49	0	72	34	172
EL OBEID	00	8	24	1	0	0	—	9.5	30	22	00	8	28	3	0	0	—	12.9	+0.3	20.7	31	-3	15	-1	36	0	20	19	174
EL FASHER	00	—	00	0	0	0	—	—	27	15	01	8	00	0	0	2	Cs	—	—	13.4	31	-3	8	-5	36	0	4	8	175
GENEINA	00	8	32	5	0	0	—	—	31	11	02	8	32	5	1	5	Cs	—	—	16.8	33	—	12	—	20	0	19	—	179
KADUGLI																												—	187
MALAKAL	01	8	02	2	1	3	—	8.8	34	15	00	8	02	3	0	0	—	11.4	+0.6	25.1	34	-1	15	-4	32	0	75	86	176
WAU	01	—	04	3	0	4	—	9	32	25	00	—	28	3	0	0	—	11.1	+1.1	22.0	33	-2	17	-3	58	0	186	136	177
JUBA	02	8	10	1	1	5	Ac/Cu	8.5	30	51																		112	178

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

UPPER WINDS ON 16th (الرياح العليا يوم ١٥)

SALŪM 7 h.	MATRŪH h. m.	DIKHEILA h. m.	CAIRO h. m.	HELWĀN 8 h. 30 m.	ASYŪT 7 h.	ASWĀN 7 h.	WĀDI HALFA 5 h.	KAREIMA 5 h.	KHARTŪM 6 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKĀL 6 h.	FASHER 6 h.	GENEINA 6 h.
02 18 10				02.01.20	02.30.15	02.01.25	03.04.20	06.05.80	06.02.70	06.06.15	07.35.35	06.05.20	07.02.25	10.04.45
05 17 —				05.03.25	05.35.25	05.04.20	06.03.30	10.07.55	10.06.40	10.09.15	10.03.25	10.02.40	10.04.35	15.35.25
10 21 05				08.03.20	10.36.30	10.06.20	10.35.10	15.08.30	15.05.45	15.09.25	15.11.15	15.04.15	20.34.20	20.31.20
14 30 05				10.03.25	15.33.20	15.22.15	15.19.15	20.16.15	20.06.30	20.08.15	20.13.10	20.04.20	30.05.50	30.31.05
15 34 10				15.08.15	20.25.15		20.16.15	23.18.20	25.11.25	30.04.30	30.15.25	28.06.35	38.10.75	40.02.20
19 31 10				20.08.05			30.32.05		30.13.15	40.07.20	35.14.25			50.03.25
20 27 05				23.06.10			40.04.25		40.20.20	46.08.25				53.03.30
25 24 25				25.05.15			50.36.15							
30 25 40				30.04.20			57.36.10							
35 26 50				35.08.20										

Forecast for 24 hours from noon on 15th

Light to moderate winds chiefly southwesterly on the coast and northeasterly inland.
Occasional medium cloud.
Temperature remaining slightly above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٥
رياح بين الخفيفة والمعتدلة اكثرها جنوبية غربية
على السواحل وشمالية شرقية فى الداخل
يظهر بوجه السحاب المتوسط احيانا .
تستمر درجة الحرارة فوق المعدل قليلا .

STATION	Mean of day Humidity % on 14th	Diff. from normal	Wet bulb temp. °C on 14th	Diff. from normal
Alexandria	63	-2	19.1	+3.0
Ezbekiya	70	+2	16.6	0.0
Giza	76	+4	17.6	+1.4
Helwān	51	-5	16.4	+2.2

Giza Grass minimum on 15th 11.2 °C

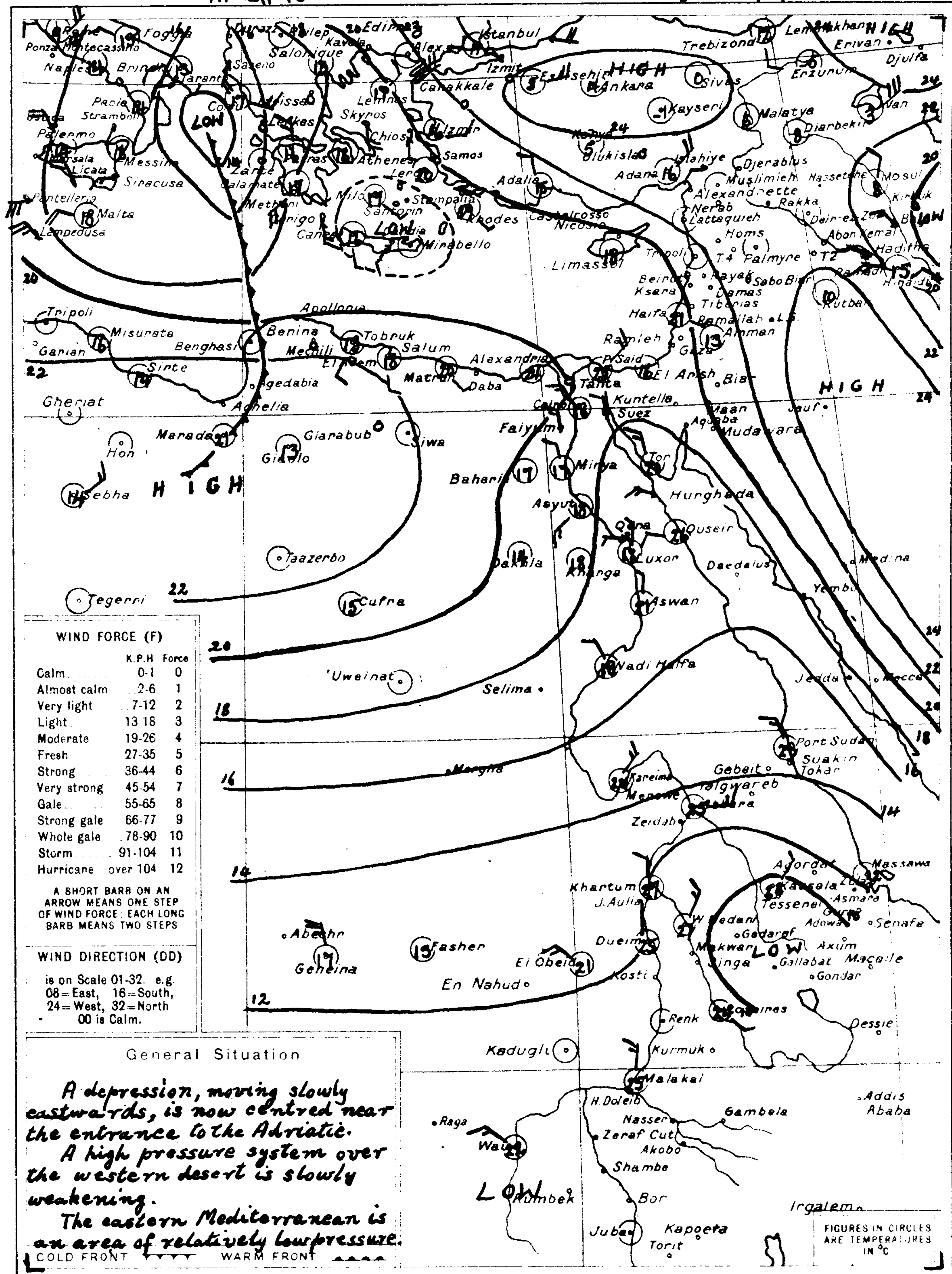
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
14-11	1852	2302
13-11	1852	2511

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	13-11	13.10	-0.58	13.12	-0.56
Nasser	14-11	10.50	+0.02	10.51	+0.01
Malakāl	15-11	12.26	-0.06	12.26	-0.06
Roseires	15-11	14.80	+0.72	14.80	+0.67
Sennār Res.	14-11	19.23	—	19.11	—
J. Aulia U.S	14-11	375.66	—	375.67	—
J. Aulia D.S	14-11	372.43	-0.31	372.47	-0.30
Khartum	14-11	12.14	-0.20	12.19	-0.20
Kh. el Girba	10-11	11.11	+0.20	11.11	+0.11
Atbara	14-11	11.53	-0.09	11.55	-0.10
Kajnarti	14-11	136.39	+0.14	136.58	+0.24
Aswān Res.	14-11	119.49	—	119.26	—
Aswān D.S.	14-11	87.15	-0.04	87.15	-0.17
Rōda (Cairo)	15-11	16.54	-0.63	16.54	-0.62

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

١٩٣٩-١١-١٥ Isobars, Wind and Temperature at 8 h. *15-11-1939*



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 depression, moving slowly eastwards, is now centred near the entrance to the Adriatic.
A high pressure system over the western desert is slowly weakening.
The eastern Mediterranean is an area of relatively low pressure.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION محطة	At 8 h. on 15th (الساعة ٨ يوم ١٥) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.
LIMASSOL	00	7	00	0	0	0	—	19.9	+3.1	18	—	—	—	—	—	0	29	54
HAIFA	00	—	10	1	—	0	—	18.6	+2.8	20.8	27	+1	18	+3	50	0	19	59
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 6 21
,, ,, Sunset 18 39

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

DAILY WEATHER REPORT

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

Region	STATION	At 14 h. on 15th ww	V	Wind DD	Wind F	W	Cloud N	Cloud C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on THURSDAY 16th ww	V	Wind DD	Wind F	W	Cloud N	Cloud 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	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
Mediterranean	SALUM	00	8	18	2	0	0	—	18.6	23.8	44	01	7	22	5	1	3	Sc	17.1	-1.4	15.5	24	—	12	—	66	0	28	—	130
	MATRUH	01	9	30	2	0	2	Cb	18.4	23.5	73	00	9	18	3	0	0	—	17.4	-0.3	18.1	26	+2	15	+1	84	0	28	27	131
	DIKHEILA	01	8	02	3	1	2	Cu	18.4	23.4	63	01	8	20	1	1	4	Ac	18.6	—	18.2	26	—	15	—	78	0	5	—	150
	ALEXANDRIA	01	9	04	2	2	3	Cu	17.8	26.3	56	02	9	00	0	2	5	Ac	17.8	-0.2	20.3	28	+3	17	+1	73	0	1	22	132
	DAMIETTA											01	7	30	1	1	1	Cu	17.1	—	21.1	24	—	16	—	74	0	11	15	159
	PORT SAID	01	7	32	3	0	3	Cu	16.3	26.0	69	01	8	04	2	1	2	Cs	16.8	+0.5	24.2	28	+4	20	+3	67	0	4	9	134
	EL 'ARISH	00	7	30	2	0	0	—	16.3	24.0	75	02	7	00	0	1	4	Cb	16.7	—	18.3	27	—	15	—	96	0	8	10	135
Lower Egypt	DAMANHUR											00	8	20	2	0	0	—	18.3	0.0	16.8	27	+1	15	+2	92	0	dr	11	136
	MANSURA											00	8	20	1	0	0	—	17.8	—	18.4	27	0	16	+2	82	0	6	6	137
	TANTA	02	8	32	2	1	5	Cu	16.4	26.0	48	02	7	00	0	1	5	Cu	17.9	-0.5	19.0	28	+2	13	0	90	0	1	6	138
	ZAGAZIG	01	9	02	1	0	4	Cu	16.6	26.4	49	00	7	30	1	0	0	—	18.3	—	19.9	28	+2	13	0	80	0	dr	5	139
Middle Egypt (Cairo)	ALMAZA	01	8	02	3	0	2	Cu	16.6	26.9	47	00	7	00	0	0	1	Sc	17.8	—	17.3	27	—	14	—	79	0	3	—	141
	EZBEKIYA	01	9	30	1	1	3	Cu	16.0	27.8	41	05	5	02	1	0	0	—	17.8	0.0	17.1	29	+3	14	0	88	0	1	3	—
	GIZA	02	7	32	3	1	4	Cu	16.2	26.8	50	05	6	30	2	0	0	—	17.9	-0.2	15.9	28	+2	13	+1	91	0	1	4	—
	HELWAN	01	8	02	2	0	2	Cu	15.6	26.6	40	09	5	00	0	0	0	—	17.8	-0.1	16.9	27	+2	16	+2	86	0	3	2	143
	SUEZ	00	9	32	3	0	0	—	15.6	25.7	56	00	8	32	1	0	0	—	17.2	+0.7	18.5	27	+1	16	0	92	0	44	4	144
Upper Egypt	FAIYUM	00	8	32	4	0	0	—	15.2	27.3	42	00	7	30	1	0	0	—	17.5	-0.2	18.7	—	—	14	+1	75	0	3	0	153
	MINYA	00	9	30	2	0	0	—	16.0	25.5	51	00	6	30	2	0	0	—	17.2	-0.8	17.1	26	+1	14	+1	86	0	tr	—	154
	ASYUT	00	8	22	3	0	0	—	15.2	28.5	37	00	6	22	2	0	0	—	16.7	-0.8	17.8	29	+3	13	+1	77	0	3	1	155
	QENA	00	8	24	1	0	0	—	14.2	30.0	38	00	8	26	1	0	0	—	15.8	-0.6	18.9	33	+3	14	+1	69	0	1	—	156
	LUXOR	00	9	30	1	0	0	—	14.4	29.8	34	00	9	06	1	0	0	—	16.3	—	19.2	32	—	11	—	61	0	9	—	157
	ASWAN	00	7	30	2	0	0	—	12.4	30.2	30	00	7	02	1	0	0	—	15.6	-0.3	21.0	32	+1	17	+1	53	0	dr	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	20.6	27.0	64	00	8	00	0	0	0	—	19.4	+1.0	15.1	29	+3	8	-2	69	0	tr	0	148
	BAHARIYA	00	9	00	0	0	0	—	18.8	25.0	51	00	9	00	0	0	0	—	18.0	—	18.0	26	—	11	—	75	0	0	—	149
	KHARGA	00	8	04	2	0	0	—	15.5	26.6	33	00	8	00	0	0	0	—	17.2	+0.4	17.2	27	-2	12	-1	59	0	0	tr	151
	DAKHLA	00	8	28	2	0	0	—	16.7	26.0	62	00	7	28	1	0	0	—	18.8	+0.7	15.5	27	-2	13	+1	84	0	0	—	152
Red Sea	TOR	00	7	28	5	0	0	—	13.8	25.5	72	00	6	32	2	0	0	—	15.1	-1.0	20.0	26	0	16	+2	72	0	20	3	145
	HURGHADA	00	9	32	3	0	0	—	13.3	27.5	55	00	9	26	3	0	0	—	14.2	-2.1	22.2	28	+1	18	+3	59	0	43	—	146
	QUSEIR	00	7	02	2	0	0	—	14.8	26.4	66	00	7	30	2	0	0	—	15.2	-0.5	25.1	28	0	20	0	56	0	2	2	147
	PORT SUDAN	02	—	32	3	0	4	—	12	31	65	01	—	32	3	2	4	—	15.0	+1.3	28.2	31	0	25	+1	71	0	32	35	169
North Sudan	WADI HALFA											00	8	32	3	0	0	—	15.3	-0.7	19.3	32	+1	16	+2	47	—	—	—	165
	KAREIMA											00	7	02	4	0	0	—	13.3	-0.6	24.8	36	+1	21	+3	30	0	dr	1	166
	'ATBARA	01	—	02	4	0	4	—	7	36	25	00	—	04	3	0	0	—	11.9	-0.4	27.3	36	+1	22	+3	39	0	1	1	167
	KHARTUM	00	8	04	1	0	1	Cu	6.3	39	26	00	8	04	3	0	0	—	10.7	-0.7	27.1	39	+3	23	+3	33	0	24	5	168
	KASSALA	00	8	10	1	0	0	—	4.6	36	27	00	8	06	1	0	0	—	8.4	-1.8	29.9	37	0	22	+1	42	0	7	11	170
Central Sudan	WAD MEDANI	02	—	02	4	1	4	—	5	37	25	00	—	04	4	0	0	—	9.8	-1.1	26.5	37	0	20	0	53	0	44	12	171
	DUEIM	02	—	—	—	0	4	—	6	36	35	00	—	—	—	0	0	—	10.8	-0.2	27.0	37	0	23	+4	41	0	17	12	173
	RENK	01	7	26	1	0	3	—	5.5	37	28	.																	—	182
	ROSEIRES	02	—	02	1	0	4	—	6	36	55	00	—	14	1	0	0	—	9.4	-0.7	26.3	38	+1	19	+1	56	0	72	34	172
	EL OBEID	00	8	32	2	0	0	—	6.9	33	31	01	8	30	1	0	3	Ac	10.9	-1.8	24.5	34	0	20	+4	42	0	20	19	174
	EL FASHER	00	—	00	0	0	0	—	—	29	15	01	8	00	0	0	2	Ci	—	—	16.4	30	-4	12	-1	42	0	4	8	175
	GENEINA	01	8	04	3	1	4	—	—	32	13	01	8	04	4	0	4	Ci	—	—	17.3	33	—	9	—	36	0	19	—	179
	KADUGLI	00	7	04	6	0	1	—	6.6	35	21																		—	187
S. Sudan	MALAKAL	00	8	04	3	0	0	—	5.8	35	17	01	8	28	2	0	3	Ac	9.8	-1.0	24.8	35	0	19	0	56	0	75	86	176
	WAU	01	—	32	4	0	4	—	6	34	25	00	—	00	0	0	0	—	10.5	+0.4	22.3	34	-1	16	-4	59	0	186	136	177
	JUBA	03	8	10	2	1	8	Ac	6.0	33	36	02	7	30	1	1	6	AcAs	11.2	+0.8	23.2	33	-3	20	0	83	0	202	113	178

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

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

SALUM 7 h.	MATRUH	MINYA (DIKHEILA) 8 h.	P.SAID (CAIRO) 9 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 5 h.	KHARTUM 5 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 7 h.	ELFASHER 6 h.
02 25 25		02 36 20	02 01 15	02 01 10	02 33 15	02 02 10	03 03 20	06 03 70	06 36 45	06 19 15	07 36 25	06 32 25	06 27 30	09 36 15
05 25 —		05 36 30	05 02 10	05 05 20	05 03 20	05 04 20	06 04 25	10 04 45	10 03 40	10 20 25	10 03 45	10 35 25	10 03 15	10 03 25
10 04 15		10 35 20	10 02 00	08 04 30	10 36 40	10 31 10	10 03 15	15 03 45	15 03 20	15 20 30	15 03 25	15 01 40	15 11 25	15 07 40
13 34 05		15 33 10	15 02 10	10 04 35	15 36 20	15 17 15	15 26 10	20 03 55	20 27 10	20 12 10	20 03 25	20 02 30	20 13 35	20 08 60
15 35 05		20 32 05	20 29 15	15 03 20	20 26 05		20 19 25	23 03 60	21 26 05	30 13 15	30 04 25	30 05 20	30 14 35	30 12 90
18 30 10		25 29 15	25 26 30	19 32 10	25 28 05		21 26 35			40 11 05	35 01 25	34 06 20	40 18 30	
20 27 20					30 22 25					50 23 05			50 20 35	
23 28 20										53 26 15			56 20 25	

Forecast for 24 hours from noon on 16th
Light to moderate winds westerly on the coast, and between northeast and northwest inland. Some low cloud.
Scattered showers probable tomorrow.
Becoming slightly cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٦
رياح بين الخفيف والمعتدل غربية على الساحل وبين الشمالية الشرقية
والشمالية الغربية في الداخل - يظهر بعض السحب المنخفضة .
يحتمل تساقط مطر في جهات متفرقة باكر .
تهبط درجة الحرارة قليلا .

STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp °C on 15th	Diff. from normal
Alexandria	67	+2	19.3	+3.4
Ezbekiya	75	+7	17.7	+1.3
Giza	81	+9	18.0	+2.4
Helwan	70	+14	17.4	+3.3

Giza Grass minimum on 16th 8.3°C

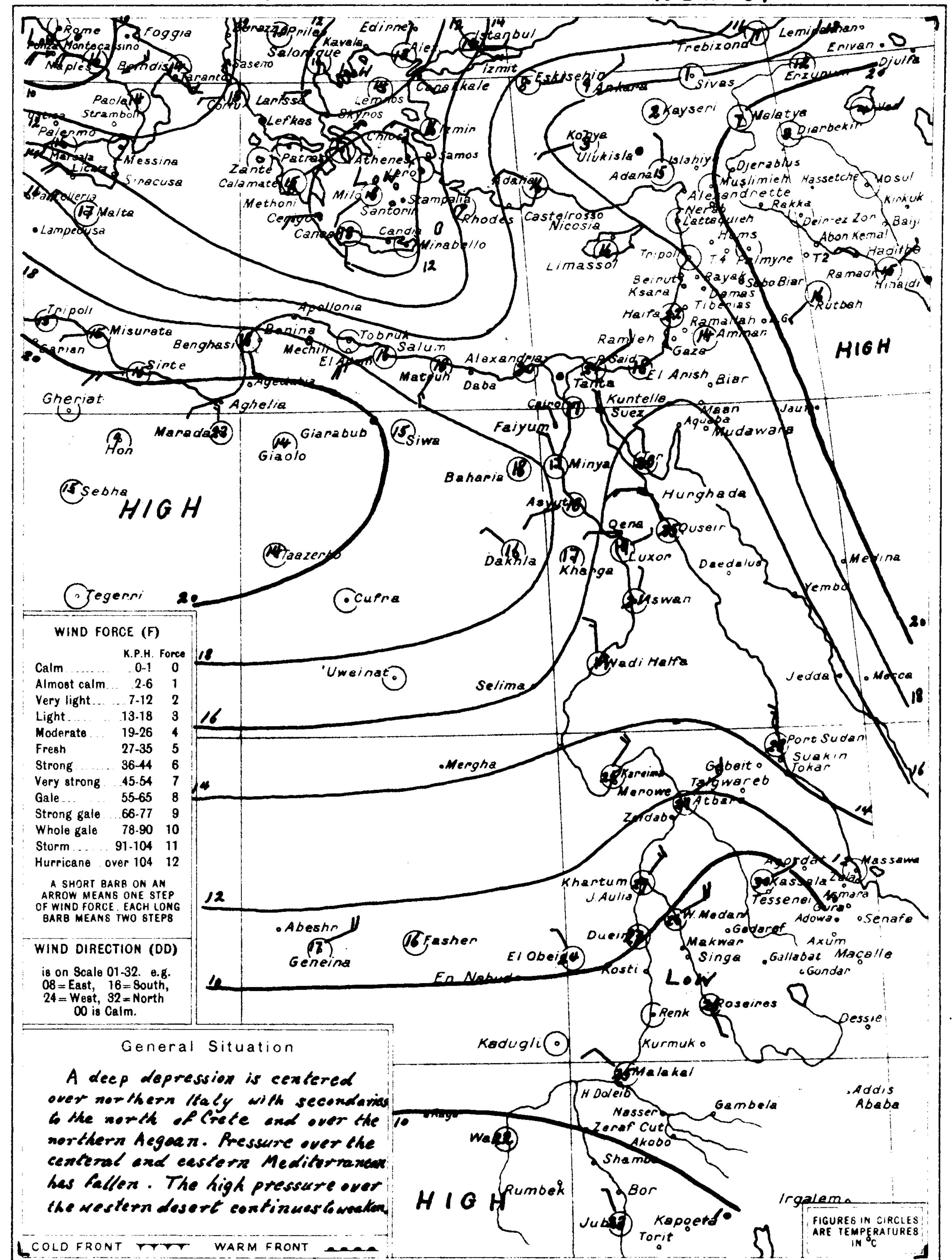
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
15-11	1852	2140
14-11	1852	2302

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	15-11	13.10	-0.57	13.12	-0.55
Nasser	15-11	10.48	+0.02	10.50	+0.02
Malakal	16-11	12.26	-0.05	12.26	-0.06
Roseires	15-11	14.80	+0.72	14.80	+0.67
Sennar Res	15-11	19.35	—	19.23	—
J. Aulia U.S	15-11	375.67	—	375.66	—
J. Aulia D.S	15-11	372.43	-0.29	372.43	-0.31
Khartum	15-11	12.15	-0.16	12.14	-0.20
Kh. el Girba	10-11	11.11	+0.20	11.11	+0.17
'Atbara	15-11	11.50	-0.09	11.53	-0.09
Kajnarti	15-11	136.23	+0.25	136.39	+0.14
Aswan Res.	15-11	119.72	—	119.49	—
Aswan D.S.	15-11	87.15	+0.08	87.15	-0.04
Roda (Cairo)	16-11	16.51	-0.60	16.54	-0.63

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

١٦-١١-٣٩ Isobars, Wind and Temperature at 8 h. 16-11-39



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 deep depression is centered over northern Italy with secondaries to the north of Crete and over the northern Aegean. Pressure over the centeral and eastern Mediterranean has fallen. The high pressure over the western desert continues to weaken.

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

STATION محطة	At 8 h. on 16th ww	V	Wind DD	Wind F	W	Cloud N	Cloud 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	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	7	00	0	0	0	—	16.4	-0.4	16	—	—	—	—	—	0	29	56
Haifa	02	—	10	2	—	4	—	17.0	+1.1	19.6	29	+3	15	+1	70	0	19	61
Siwa 15th	00	8	00	0	0	0	—	22.8	+4.5	17.0	28	+2	10	-1	70	0	tr	0
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	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, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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. 6 m. 22
" " Sunset h. 16 m. 27

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month NOVEMBER 1939 — ١٩٣٩ — شهر نوفمبر

At 14h. on 16 — الساعة ١٤ يوم ١٦ — At 8h. on FRIDAY 17 — الساعة ٨ يوم الجمعة ١٧

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	HUMIDITY % UU	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	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																												
SALUM	92	8	22 4	1	1	4	Cu	14.7	19.5	49	01	6	24 4	1	3	Ac		16.0	-2.5	13.6	25	—	12	—	74	0	28	—	130
MATRUH	00	7	24 2	0	0	—		15.9	25.5	46	01	8	18 2	0	3	Cu		15.6	-2.1	19.1	27	+4	15	+1	75	0	28	27	131
DIKHEILA	01	8	22 2	1	3	Cu		—	23.2	61	01	8	18 2	1	4	Cu		17.8	—	19.2	24	—	16	—	66	5	5	—	150
ALEXANDRIA	02	9	28 1	2	4	Cu		16.0	24.1	58	02	9	16 1	2	5	Ac		17.1	-0.9	19.2	26	+2	16	0	72	0	1	34	132
DAMIETTA											02	4	28 1	1	3	Cu		17.0	—	19.0	24	—	15	—	81	0	4	16	159
PORT SAÏD	00	8	04 2	0	0	—		15.5	25.7	66	00	7	04 2	1	0	—		16.7	+0.3	22.4	27	+3	16	-1	77	0	4	9	134
EL 'ARISH	00	7	00 0	0	0	—		15.1	24.5	70	01	7	00 0	0	2	St		16.7	—	17.0	28	—	14	—	93	0	8	10	135
MIDDLE EGYPT / LOWER EGYPT																												
DAMANHUR											01	7	16 2	1	2	Cu		17.6	-0.7	16.8	28	+2	15	+2	84	0	4	11	136
MANSURA											01	8	20 1	1	3	—		17.0	—	17.5	26	-1	14	0	82	0	6	7	137
TANTA	12	7	00 0	1	5	Cu		15.5	25.0	54	01	7	00 0	1	4	Cu		17.6	-0.8	20.0	27	+1	12	-1	70	0	1	6	138
ZAGAZIG	02	9	02 1	1	4	Cu		15.4	26.8	50	00	8	14 1	0	0	—		17.6	—	21.4	28	+2	12	-1	69	0	4	5	139
MIDDLE EGYPT / UPPER EGYPT																												
ALMAZA	01	8	00 3	1	4	Cu		15.6	25.5	55	01	8	08 1	0	3	Cs		17.1	—	19.3	26	—	14	—	74	0	3	—	141
CAIRO / EZBEKIYA	02	8	32 1	1	4	Cu		15.1	25.5	47	01	4	16 1	1	4	Cu		17.4	-0.5	17.7	32	+3	15	+2	83	0	1	3	—
GIZA	02	8	02 3	1	4	Cu		15.2	26.0	52	05	6	00 0	2	6	Cu		17.4	-0.7	16.6	34	+1	12	0	93	0	1	5	—
HELWAN	01	8	02 3	1	3	Cu		14.4	24.3	41	02	5	00 0	1	4	Cu		17.0	-0.9	18.0	26	+1	15	+1	76	0	3	3	143
SUEZ	00	9	34 0	0	1	Cu		14.8	24.1	56	00	1	32 1	0	1	Cu		16.8	+0.3	18.6	26	0	15	-1	96	0	42	4	144
FAIYUM	00	8	32 3	0	0	—		15.1	26.0	44	00	8	00 0	0	0	—		17.1	-0.7	19.0	—	—	14	+1	72	0	3	0	153
MINYA	00	8	32 3	0	0	—		13.1	24.8	45	01	6	32 1	1	4	Cs		16.7	-1.4	17.3	25	0	14	+1	80	0	6	—	154
ASYUT	00	8	00 3	0	0	—		14.2	27.4	43	02	6	22 2	1	4	Cs		16.7	-0.8	17.4	30	+4	13	+1	75	0	3	1	155
QENA	00	8	34 1	0	0	—		13.5	28.5	39	02	7	26 1	1	4	Cs		15.6	-0.9	17.8	31	+1	15	+2	75	0	1	—	156
LUXOR	00	9	30 1	0	0	—		13.4	29.4	35	01	9	10 1	1	3	Cu		16.2	—	16.8	31	—	11	—	73	0	9	—	157
ASWAN	00	7	30 2	0	0	—		11.8	30.8	32	02	7	02 4	1	5	Cu		15.5	-0.6	20.8	32	+1	19	+3	50	0	44	—	158
RED SEA / WESTERN DESERT																												
SIWA	00	8	20 1	0	0	—		17.9	25.0	67	00	8	00 0	0	0	—		18.2	-0.2	14.0	25	-1	—	—	76	0	6	1	148
BAHARIYA	01	9	30 1	1	3	Cu		17.2	23.2	56	00	9	00 0	0	0	—		17.1	—	16.6	26	—	11	—	69	0	0	—	149
KHARGA	00	8	32 2	0	0	—		14.2	28.5	39	00	8	00 0	0	0	—		18.3	+1.4	16.0	27	-2	13	0	69	0	0	4	151
DAKHLA	00	8	32 3	0	0	—		15.8	25.0	68	00	7	26 2	0	1	Ci		18.6	+0.4	16.3	26	-3	11	-1	69	0	0	—	152
TOR	00	7	28 3	0	0	—		13.1	25.8	74	00	6	32 3	0	1	—		14.3	-1.3	18.9	26	0	16	+2	77	0	20	3	145
HURGHADA	00	7	28 3	0	0	—		12.6	26.5	64	00	9	26 3	0	0	—		14.8	-1.5	22.3	27	0	17	+2	63	0	43	—	146
QUSEIR	00	7	02 2	0	0	—		14.0	27.0	68	00	7	30 1	0	1	Ci		15.5	-0.2	24.5	27	-1	21	+2	53	0	2	—	147
PORT SUDAN											00	—	08 2	1	7	—		14.8	+1.1	30.0	32	+1	25	+2	62	0	32	37	169
NORTH SUDAN																												
WADI HALFA											01	8	30 3	1	4	Cs		14.1	-2.6	19.8	32	+1	16	+2	42	—	—	—	165
KAREIMA											00	8	04 1	0	1	Ci		13.3	-0.7	25.0	36	+1	22	+4	36	0	44	1	166
'ATBARA											00	—	04 3	0	—	—		12.7	+0.3	27.0	35	0	21	+2	43	0	1	1	167
KHARTUM											01	8	02 2	1	3	Ci		11.4	-0.1	26.9	39	+3	22	+2	39	0	24	5	168
KASSALA											00	8	06 1	0	0	—		9.9	-0.4	28.2	38	+1	24	+3	46	0	7	11	170
CENTRAL SUDAN																												
WAD MEDANI											00	—	02 3	0	0	—		10.2	-0.4	27.4	37	0	23	+3	35	0	44	13	171
DUEIM											02	—	— —	0	4	—		11.6	+0.4	27.4	36	-1	23	+4	43	0	17	12	173
RENK																												182
ROSEIRES											00	—	14 1	1	0	—		10.7	+0.6	26.0	38	+1	19	+1	66	0	72	34	172
EL OBEID											01	8	28 1	1	3	As,c		11.7	-1.1	23.2	35	+1	19	+3	32	0	20	19	174
EL FASHER											00	8	08 3	0	1	Cs		—	—	17.8	34	0	14	+1	46	0	4	8	175
GENEINA											01	8	04 2	0	3	Cu		—	—	17.7	35	—	—	—	38	0	19	—	179
KADUGLI																												187
S. SUDAN																												
MALAKAL											03	8	16 3	1	7	Ac,As		11.0	+0.1	26.2	37	+2	21	+2	70	0	75	87	176
WAU											02	—	24 1	0	4	—		10.7	+0.5	24.9	35	0	19	0	63	0	186	137	177
JUBA											02	9	22 3	1	7	Ac,As		11.1	+0.7	23.6	33	-3	22	+2	83	1	203	114	178

UPPER WINDS ON 17 — الرياح العليا يوم ١٧

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

SALUM	MATRUH	DIKHEILA	ALEXANDRIA	CAIRO	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	EL FASHER	GENEINA
7 h. m.	7 h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	5 h. m.	4 h. m.	5 h. m.	7 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.
02 25 30	05 12 10	05 36 20					03 02 25	06 04 50	06 35 35	04 20 15	07 34 20	06 21 45	09 01 15	10 04 35
10 26 10	10 34 10	10 36 20					06 03 35	10 05 40	10 35 30	10 19 20	10 03 40	10 21 10	10 03 30	15 15 10
15 25 35	15 01 15	15 36 15					10 05 20	15 06 35	15 33 20	15 15 25	15 05 35	15 03 10	15 07 15	20 23 05
20 21 15	20 33 10	20 39 10					15 03 10	20 06 30		20 12 25	20 05 25	20 04 25	20 21 05	30 16 30
25 22 25	25 27 25	25 43 20					20 15 15	30 03 15		30 15 15	25 18 15	30 04 20	30 19 25	40 14 20
27 24 40	25 28 30	30 22 35					30 20 10	35 04 40		40 17 05		40 10 30	36 17 25	
30 24 50	30 24 35									50 27 10		50 12 25		
35 45 20	35 23 40											56 16 20		
	37 24 45													

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

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

STATION	Mean of day HUMIDITY %	Diff. from normal	Mean of day WET BULB TEMP °C	Diff. from normal
Alexandria	67	+2	17.7	+2.1
Ezbekiya	69	+1	17.0	+0.7
Giza	73	+1	17.1	+1.2
Helwan	64	+7	16.0	+2.0

Giza Grass minimum on 17 — 8.5°C

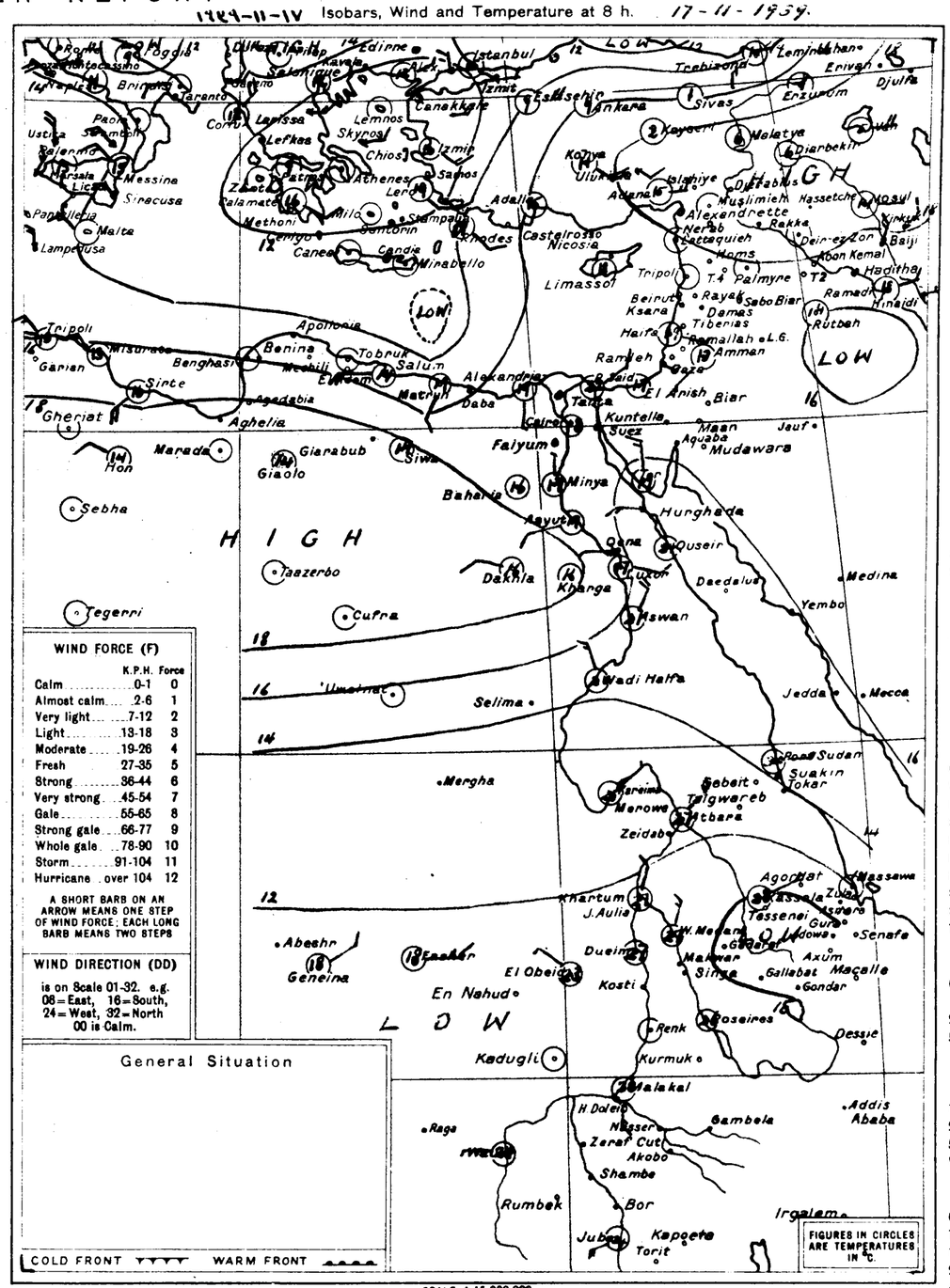
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
17 - 11	1852	1774
16 - 11	1852	1936

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jüba	13 - 11	13.10	-0.57	13.12	-0.55
Nasser	15 - 11	10.48	+0.02	10.50	+0.02
Malakal	16 - 11	12.26	-0.05	12.26	-0.06
Roseires	16 - 11	14.79	+0.77	14.80	+0.72
Sennar Res	17 - 11	19.50	—	19.43	—
J. Aulia U.S	15 - 11	375.67	—	375.66	—
J. Aulia D.S	15 - 11	372.43	-0.29	372.43	-0.31
Khartum	15 - 11	12.15	-0.16	12.14	-0.20
Kh. el Girba	10 - 11	11.11	+0.20	11.11	+0.17
'Atbara	15 - 11	11.50	-0.09	11.53	-0.09
Kajnarti	16 - 11	136.09	-0.01	136.23	+0.05
Aswan Res.	17 - 11	120.64	—	119.94	—
Aswan D.S.	17 - 11	87.13	+0.31	87.13	+0.19
Roda (Cairo)	16 - 11	16.51	-0.60	16.54	-0.63

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

١٩٣٩-١١-١٧ Isobars, Wind and Temperature at 8 h. 17 - 11 - 1939.



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	00	0	1	4	—	16.7	-0.1	18	—	—	—	—	—	0	29	58
Haifa	02	—	10	1	—	4	—	16.8	+0.1	19.1	25	0	15	+1	73	0	17	64
SALUM 12h	02	7	26	3	1	4	Sc	18.4	0.0	14.4	22	—	13	—	87	0	28	—
SHIPS سفن																		

Remarks

* Kajnarti River Gauge Reading for 6-11-39 published on 8-11-39 should read 138.06 instead of 138.16 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 h. m. 06 32
" " Sunset 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

At 14 h. on 17th الساعة ١٤ يوم — At 8 h. on SATURDAY 18th الساعة ٨ يوم السبت 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 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
SALÛM	02	8	22	5	1	4	Cu	14.0	23.3	42	01	7	22	5	6	3	Sc	12.8	-5.7	13.1	24	—	12	—	89	2	30	—	130
MATRÛH	02	8	26	2	1	5	Cu	15.0	23.6	40	03	6	20	2	1	6	Cb	13.3	-4.4	16.8	26	+3	15	+1	79	0	28	28	131
DIKHEILA	03	8	24	2	2	7	Cs	16.7	23.6	49	01	8	18	3	1	4	Cs	14.7	—	17.4	25	—	16	—	66	0	5	—	150
ALEXANDRIA	03	9	24	1	2	7	As	15.6	23.5	49	02	9	14	2	2	4	Ac	13.8	-4.2	11.8	25	+1	16	0	67	0	1	25	132
DAMIETTA											03	7	20	1	2	8	Sc	13.6	—	16.9	25	—	16	—	84	0	11	16	159
PORT SAÏD	00	8	04	2	0	0	—	15.6	23.2	67	02	6	20	3	1	5	Sc	14.2	-2.2	19.6	27	+3	18	+2	80	0	4	10	134
EL 'ARISH	01	7	32	2	1	3	Ci	14.0	23.5	67	03	6	00	0	2	8	St	13.3	—	16.7	26	—	15	—	90	0	8	11	135
DAMANHÛR											03	6	20	3	2	6	As	14.6	-3.7	17.0	27	+1	16	+3	83	0	dr	12	136
MANSURA											02	4	16	1	2	5	Sc	13.6	—	17.0	21	+1	15	+1	85	0	6	7	137
TANTA	02	7	00	0	1	5	Ci	16.3	26.0	48	03	7	20	1	2	8	Sc	13.9	-4.5	18.0	27	+1	15	+2	80	0	1	6	138
ZAGÂZIG	00	9	20	1	0	0	—	15.4	26.8	43	03	8	12	1	2	8	Sc	14.6	—	17.3	28	+2	14	+1	86	0	dr	5	139
CAIRO ALMAZA	01	8	02	1	1	4	Ci	15.5	25.3	44	03	8	00	0	2	7	As	14.4	—	19.9	27	—	17	—	62	0	3	—	141
CAIRO EZBEKIYA	02	8	28	3	1	5	Ci	14.8	26.1	37	03	7	14	2	2	8	Ac	14.3	-3.6	17.9	28	+3	15	+2	73	0	1	3	—
CAIRO GIZA	02	8	30	2	2	5	Ci	15.1	26.0	40	03	7	12	2	2	8	Sc	14.2	-4.0	17.1	27	+2	13	+1	83	0	1	5	—
HELWAN	02	7	26	4	2	4	Ci	14.6	24.6	34	05	6	00	0	2	7	Sc	14.2	-3.8	19.5	25	+1	17	+3	58	0	3	3	143
SUEZ	01	8	32	2	1	4	Ci	14.6	24.4	50	02	7	00	0	1	4	Ci	14.4	-2.2	17.8	26	0	15	-1	81	0	44	4	144
FAIYUM	03	8	02	2	1	7	Cu	14.8	27.8	66	03	6	00	0	1	7	Sc	14.6	-3.2	17.5	—	—	14	+2	61	0	3	0	153
MINYA	02	8	30	3	2	5	Cs	14.4	25.4	46	02	7	28	1	2	5	Cs	15.4	-2.7	17.4	26	+1	18	+5	66	0	tr	—	154
ASYÛT	02	8	30	2	1	4	As	14.4	26.0	44	02	6	08	2	1	4	Cu	15.2	-2.4	19.0	28	+2	18	+6	67	0	3	1	155
QENA	02	8	22	1	2	5	Ci	13.1	27.3	41	01	8	26	1	1	4	Cc	14.4	-2.2	18.6	31	+1	16	+3	70	0	1	—	156
LUXOR	02	9	30	2	1	4	Ci	13.6	30.0	36	02	9	14	1	1	4	Ci	14.7	—	19.5	31	—	13	—	65	0	9	—	157
ASWAN	02	7	30	2	1	4	Ci	12.2	30.6	32	00	7	00	0	0	0	—	13.5	-2.6	24.0	32	+2	18	+3	50	0	dr	—	158
SIWA	00	8	22	1	0	0	—	16.8	25.8	53	00	8	00	0	0	0	—	17.2	-1.3	17.0	26	+1	—	—	70	0	tr	1	148
BAHARIYA	00	9	32	1	0	0	—	18.7	22.5	52	01	9	00	0	1	4	—	16.8	—	13.8	27	—	12	—	67	0	0	—	149
KHARGA	00	8	32	2	0	0	—	15.2	26.0	42	00	8	00	0	0	0	—	15.9	-1.0	16.8	26	-3	11	-1	63	0	0	tr	151
DAKHLA	00	8	30	1	0	0	—	15.5	25.6	29	00	7	02	1	0	1	Ci	17.2	-1.0	13.5	27	-1	11	-1	61	0	0	—	152
TÔR	00	7	28	3	0	1	Cc	13.5	26.0	76	01	6	32	2	0	4	Cc	13.0	-3.2	17.6	27	+1	16	+2	76	0	20	3	145
HURGHADA	01	9	04	2	1	3	Cu	14.4	25.8	60	01	9	26	3	1	3	Cu	13.1	-3.3	23.1	27	0	17	+2	58	0	43	—	146
QUSEIR	02	7	02	2	1	4	Ac	14.4	25.5	67	00	7	30	1	0	1	Ci	13.8	-2.0	25.0	27	-1	20	+1	61	0	2	2	147
PORT SUDAN	02	—	12	3	1	—	—	11	21	65	02	—	08	2	1	4	—	12.7	-1.1	29.9	33	+2	24	+1	64	0	32	39	169
WÂDI HALFA	00	8	02	4	1	2	—	11.1	32	17	01	8	30	3	0	3	Ac	14.8	-1.4	18.3	33	+3	16	+2	48	—	—	—	165
KAREIMA	01	8	32	2	1	3	Cu	—	25	25	00	8	28	2	3	0	—	12.9	-1.2	24.0	36	+1	22	+4	34	0	dr	1	166
'ATBARA	01	—	02	2	0	—	—	16	36	25	00	—	06	2	0	0	—	12.3	-0.2	27.4	36	+1	21	+2	44	0	1	1	167
KHARTUM											00	8	04	3	0	0	—	11.8	+0.2	27.0	40	+4	23	+3	39	0	24	5	168
KASSALA	00	7	32	3	0	0	—	4.3	27	24	00	8	04	1	0	0	—	9.2	-1.2	27.8	38	+1	22	+1	52	0	7	11	170
WAD MEDANI											00	—	32	3	0	0	—	10.7	-0.4	27.8	37	0	18	-2	23	0	44	13	171
DUEIM											00	—	—	—	0	0	—	11.2	0.0	28.2	37	0	18	-1	46	0	17	12	173
RENK																												—	182
ROSEIRES											00	1	18	1	0	0	—	10.4	+0.2	25.7	39	+2	19	+1	63	0	72	34	172
EL OBEID	00	8	32	6	0	0	—	—	—	—	01	8	28	2	0	2	Ac	11.3	-1.6	23.8	35	+1	19	+3	28	0	20	19	174
EL FASHER											02	8	04	2	1	5	Cs	—	—	20.5	34	0	16	+3	36	0	4	8	175
GENEINA	01	7	30	2	1	4	Ac/As	—	28	25	01	8	14	2	1	4	Cs	—	—	19.0	35	—	13	—	40	0	19	—	179
KADUGLI																												—	187
MALAKÂL	02	8	04	2	1	5	Ac	15.9	35	35	01	8	30	2	1	2	Ac	10.2	-0.7	26.7	36	+1	22	+3	65	dr	75	87	176
WAU											02	—	04	1	1	4	—	9.3	-0.9	23.0	35	0	20	+1	80	0	186	138	177
JUBA	02	7	12	5	1	4	Ac	—	34	18																		116	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 18 الرياح العليا يوم ١٨

SALÛM 7 h.	MATRÛH 7 h.	P. SAID 8 h.	MINYA 8 h.	HELWÂN 9 h.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 5 h.	KAREIMA 5 h.	KHARTÛM 7 h.	KASSALA 7 h.	EL OBEID 5 h.	MALAKÂL 3 h.	FASHER 6 h.	GENEINA 6 h.
02.25.45	02.27.30	02.19.10	10.29.05	02.16.10	02.32.05	02.36.20	03.36.15	06.03.25	06.36.45	06.19.05	07.36.40	06.21.05	09.02.25	10.05.40
05.25.-	05.25.30	05.15.05	15.27.25	05.17.10	05.32.15	05.01.15	06.35.40	10.05.70	10.36.40	10.14.20	10.03.45	10.06.05	10.04.30	15.07.50
10.27.45	10.24.60	07.25.05	20.27.20	08.25.15	10.33.25	10.12.05	10.02.25	15.11.35	15.34.30	15.12.25	15.03.25	15.03.25	15.06.45	20.07.35
15.26.45	15.24.90	08.31.10	25.23.15	10.28.15	15.33.25	15.35.20	15.34.10		20.28.20	20.13.20	20.03.15	20.03.40	20.08.15	30.21.10
20.25.40		10.28.10		15.27.35	20.30.30	20.08.05	20.17.10		30.26.15	30.13.20	24.05.10	30.06.35	30.18.05	40.18.10
25.24.60		18.23.15		20.24.30			27.17.45		40.20.15	40.19.05		33.07.30	38.15.20	50.07.10
		20.23.25		23.24.30					50.22.10	50.36.10				
		25.20.45		25.22.40					57.16.10					
		27.26.45		30.22.55										
				Ent. Ac.										

Forecast for 24 hours from noon on 18th

On the coast moderate to fresh southwest winds; in the western desert becoming west to northwest tomorrow. Inland light to moderate south to west winds.
Much medium cloud at times.
Rain on the coast tomorrow.
Mild.
Further outlook: cooler after two days

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٨
تهب على الساحل رياح جنوبية غربية ما بين المعتدلة والشديدة نوعا ما تتحول غداً الى الغرب او الشمال الغربي على الصحراء الغربية وتهب في الداخل رياح جنوبية الى غربية ما بين الخفيفة والمعتدلة.
يكثر السحب المتوسطة في بعض الاوقات
وتمطر غداً على الساحل
والطقس معتدل ولكن سيبرد بعد يومين

STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet Bulb Temp °C on 17th	Diff. from normal
Alexandria	60	-5	16.4	+0.7
Ezbekiya	62	-6	16.3	+0.1
Giza	74	+1	16.3	+0.5
Helwan	55	-2	15.3	+1.4

Giza Grass minimum on 18th 10.3°C

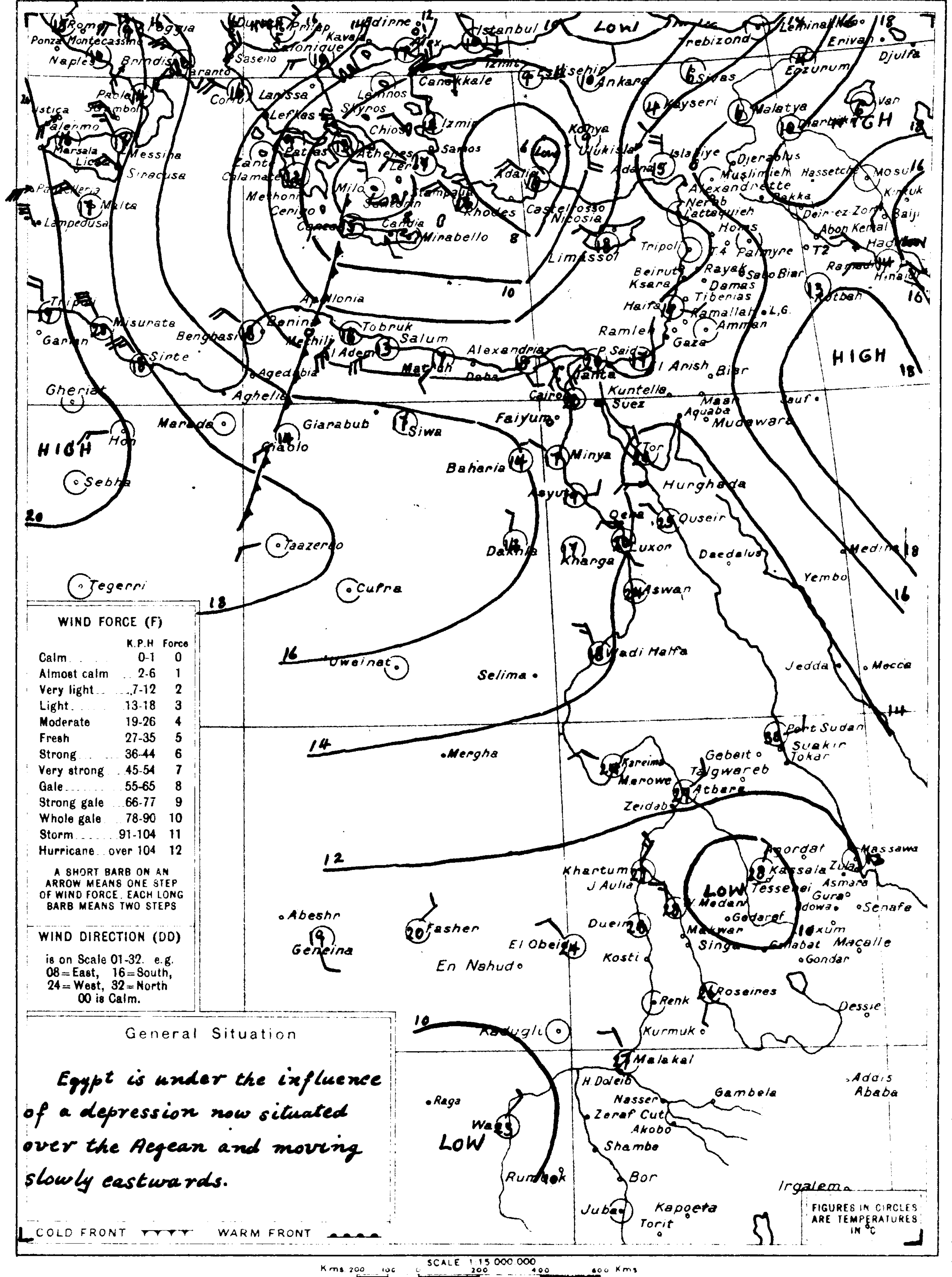
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
17-11	1852	1774
16-11	1852	1936

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15-11	13.10	-0.57	13.12	-0.55
Nasser	15-11	10.48	+0.02	10.50	+0.02
Malakâl	16-11	12.26	-0.05	12.26	-0.06
Roseires	16-11	14.79	+0.77	14.80	+0.72
Sennâr Res	17-11	19.50	—	19.43	—
J. Aulia U.S	15-11	375.67	—	375.66	—
J. Aulia D.S	15-11	372.43	-0.21	372.43	-0.31
Khartûm	15-11	12.15	-0.16	12.14	-0.20
Kh. el Girba	10-11	11.11	+0.20	11.11	+0.17
'Atbara	15-11	11.50	-0.09	11.53	-0.09
Kajnarti	16-11	136.09	-0.01	136.23	+0.05
Aswân Res.	17-11	120.06	—	119.90	—
Aswân D.S.	17-11	87.13	+0.31	87.13	+0.19
Rôda (Cairo)	16-11	16.51	-0.60	16.54	-0.63

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

Isobars, Wind and Temperature at 8 h. 18-11-1939 ١٩٣٩-١١-١٨



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 under the influence of a depression now situated over the Aegean and moving slowly eastwards.

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

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	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	03	6	28	1	2	8	—	13.1	—	18	—	—	—	—	—	0	29	60
HAIFA	02	—	10	2	—	5	—	14.4	-1.5	18.8	25	0	16	+2	60	0	19	67
SHIPS سفن																		

Remarks

*. Khartoum River Gauge Reading for 14-10-39 published on 15-10-39 should read 13.15 instead of 13.25M.

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 23
" " Sunset 16 58

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER. 1939 ١٩٣٩ شهر نوفمبر

Region	STATION	14h 18th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h SUNDAY 19th 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	Station Number
MEDITERRANEAN	SALŪM	02	8	22	5	1	4	Cu	11.4	20.3	55																		—	130
	MATRŪH	02	3	20	4	3	5	Cb	11.0	22.0	59	01	9	28	5	6	4	Cu	15.4	-2.4	20.0	23	0	15	+1	74	3	31	29	131
	DIKHEILA	01	8	22	3	0	2	Cu	13.0	23.8	43	14	7	30	6	8	4	Cb	13.0	—	20.4	24	—	16	—	63	2	7	—	150
	ALEXANDRIA	00	9	24	4	0	0	—	11.5	23.3	50	02	9	32	7	6	4	Cb	12.7	-5.3	19.8	24	0	16	0	56	1	2	26	132
	DAMIETTA											62	6	20	3	6	5	AC	11.4	—	14.0	25	—	13	—	94	4	15	17	159
	PORT SAĪD	00	8	20	2	0	0	—	12.0	24.8	51	03	7	28	5	3	7	Cb	12.0	-4.5	16.5	26	+2	17	+1	76	0	4	10	134
	EL 'ARĪSH	03	6	28	2	2	6	—	11.4	22.2	72	01	6	20	1	—	3	Cu	10.3	—	18.2	24	—	14	—	60	0	8	11	135
LOWER EGYPT	DAMANHŪR											20	7	20	3	5	3	Sc	13.1	-5.2	19.2	26	0	13	0	96	tr	tr	12	136
	MANṢURA											01	6	20	2	1	4	Sc	12.0	—	14.9	26	0	13	-1	85	dr	6	7	137
	TANTA	02	7	00	0	1	5	Cu	12.3	25.0	40	03	7	22	2	2	7	NS	13.3	-5.1	16.0	26	0	13	0	84	0	1	6	138
	ZAGĀZIG	01	9	22	2	1	2	Cu	12.3	26.9	37	03	8	20	3	1	7	Cu	13.3	—	16.9	27	+1	11	-2	69	0	dr	5	139
MIDDLE EGYPT	CAIRO ALMĀZA	01	8	24	4	1	3	CS	—	25.8	39	01	8	22	3	0	3	Sc	14.2	—	17.0	26	—	14	—	61	0	3	—	141
	CAIRO EZBEKIYA	01	8	26	3	1	3	Cu	11.9	26.1	28	02	6	22	1	1	5	AC	14.3	-3.7	16.3	27	+2	15	+2	60	0	1	3	—
	CAIRO GĪZA	02	7	12	3	1	4	Ci	11.6	28.0	34	02	7	18	1	2	5	AC	13.9	-4.4	15.6	29	+4	13	+1	68	0	1	5	—
	HELWAN	01	8	20	3	1	3	Ce	11.9	24.7	31	01	6	14	3	1	3	Cu	15.2	-2.8	14.0	25	+1	12	-2	61	0	3	3	143
	SUEZ	02	8	08	1	1	4	AS	13.5	25.1	60	01	7	20	1	0	2	Cu	13.6	-3.1	20.1	27	+1	16	+1	53	0	44	4	144
UPPER EGYPT	FAIYUM	01	8	30	3	0	3	Cu	12.3	26.4	30	00	8	28	2	0	0	—	15.0	-2.9	17.0	28	+2	12	0	53	0	3	0	153
	MINYA	01	9	24	3	2	4	Cu	12.3	27.0	30	00	7	00	0	0	0	—	16.0	-2.2	16.7	27	+2	12	0	55	0	tr	—	154
	ASYŪT	02	8	28	3	1	5	Sc	13.4	24.0	42	00	6	22	3	0	0	—	16.3	-1.4	17.8	26	0	12	0	50	0	3	1	155
	QENA	02	8	22	2	1	4	Cu	11.9	27.3	42	00	8	22	1	0	0	—	15.5	-1.2	16.9	29	0	13	0	69	0	1	—	156
	LUXOR	01	9	22	1	1	3	Ci	12.2	28.8	35	00	9	04	1	0	0	—	16.2	—	18.8	31	—	12	—	57	0	9	—	157
	ASWAN	01	7	28	1	1	3	Ci	10.0	30.0	36	00	7	26	1	0	0	—	16.3	+0.1	18.7	31	+1	16	+1	53	0	dr	—	158
WESTERN DESERT	SIWA	00	8	28	2	0	0	—	15.0	23.8	51	00	8	28	1	0	0	—	19.0	+0.5	16.0	26	+1	—	—	79	0	1	1	148
	BAHARIYA	01	9	24	1	0	3	Cu	14.3	25.9	35	00	9	32	1	0	0	—	17.1	—	17.0	26	—	12	—	70	0	0	—	149
	KHĀRGA	02	7	32	2	1	5	Ci	13.1	25.2	33	00	8	28	1	0	0	—	17.5	+0.5	18.2	26	-3	12	0	52	0	0	tr	151
	DĀKHLA	01	8	32	4	0	2	Ci	14.8	25.5	26	00	7	28	1	0	0	—	18.8	+0.5	13.8	27	-1	10	-2	57	0	0	—	152
RED SEA	TOR	01	6	28	3	1	4	NS	11.0	25.5	72	00	5	32	3	0	0	—	13.8	-2.5	22.0	27	+1	15	+1	66	0	20	3	145
	HURGHĀDA	03	8	02	2	2	6	Sc	10.8	26.2	55	00	9	26	3	0	0	—	13.4	-3.0	22.7	26	-1	16	+1	33	0	43	—	146
	QUSEIR	02	7	08	2	1	4	AC	11.5	27.0	09	00	7	24	2	0	1	Ci	13.8	-2.1	25.0	28	0	20	+1	28	0	2	2	147
	PORT SUDAN	02	—	12	3	1	5	—	11	31	65	00	—	20	2	0	0	—	12.2	-1.7	29.5	35	+4	24	+1	63	0	32	41	169
NORTH SUDAN	WĀDI HALFA	01	8	30	4	0	3	—	11.1	31	15	00	8	32	2	0	0	—	16.5	+0.2	17.2	31	+1	12	-2	44	—	—	—	165
	KAREIMA	00	8	30	3	0	1	—	9.6	35	17	01	7	04	4	0	2	Ci	15.1	+0.9	21.6	35	0	17	-1	31	0	dr	1	166
	'ATBARA	01	—	30	2	0	4	—	8	36	25	30	—	30	6	0	9	—	12.3	-0.3	26.0	36	+1	22	+3	29	0	1	1	167
	KHARTŪM	00	8	30	3	0	0	—	6.5	39	19	01	8	04	3	0	3	Ac,Cs	12.3	+0.6	25.3	39	+3	21	+1	36	0	24	5	168
	KASSALA	00	8	04	1	0	0	—	3.9	37	20	00	8	22	1	0	0	—	9.1	-1.3	27.1	38	+1	23	+2	51	0	7	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	32	4	0	4	—	5	37	15	00	—	32	5	0	0	—	11.1	-0.1	26.6	38	+1	20	0	23	0	44	13	171
	DUEIM	01	—	—	—	0	4	—	7	37	25	00	—	—	—	0	0	—	12.2	+0.9	26.8	38	+1	22	+3	35	0	17	12	173
	RENK	01	7	30	3	1	3	AC	5.0	37	28																		—	182
	ROSEIRES	02	—	02	1	0	5	—	7	38	35	00	—	26	1	0	0	—	9.5	-0.7	27.8	39	+2	19	+1	41	0	72	35	172
	EL OBEID	01	8	30	3	1	4	AC	6.0	35	17	02	8	30	4	1	5	Ac,Cs	11.9	-1.1	23.0	35	+1	16	+1	33	0	20	19	174
	EL FASHER	01	8	08	4	1	4	—	—	33	15	00	8	32	1	0	1	Cs	—	—	20.1	36	+2	13	0	34	0	4	5	175
	GENEINA	01	8	04	2	1	4	Cu	—	34	16																		—	179
	KADUGLI																												—	187
S. SUDAN	MALAKĀL	01	8	04	4	0	2	AC	5.4	36	20	03	7	32	5	1	8	Ac,Cs	9.1	-1.8	27.0	37	+2	19	0	28	0	75	83	176
	WĀU											02	—	08	1	0	4	—	8.5	-1.8	24.0	36	+1	19	0	79	0	186	138	177
	JUBA																												117	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.

SALŪM h m	MATRŪH 7 h m	DIKHEILA h m	CAIRO 8 h 30 m	HELWAN 9 h m	ASYŪT 7 h m	ASWAN 7 h m	WĀDI HALFA 5 h m	KAREIMA 5 h m	KHARTŪM 7 h m	KASSALA 6 h m	EL OBEID 6 h m	MALAKĀL 6 h m	EL FASHER 6 h m	P.SHID 8 h m
	02.31.55		02.25.15	02.16.25	02.29.15	02.34.10	03.02.15	06.02.35	06.34.35	06.11.15	07.35.40	06.01.60	09.36.25	02.26.40
	05.32.70		05.30.25	05.26.25	05.30.25	05.34.40	06.01.50	10.01.40	10.35.55	10.11.25	10.01.45	10.03.55	10.02.35	05.29.45
	10.32.35		10.32.35	08.28.30	10.31.40	10.35.35	10.36.45		15.35.25	15.10.30	15.03.55	15.03.45	15.03.70	10.28.45
	15.28.25		15.32.45	10.30.35		15.34.35	15.35.3		20.33.10	20.11.35	20.36.40	20.05.35	20.16.40	11.28.45
			20.30.25	15.30.45		20.26.20	20.31.20		25.30.20	30.13.25	23.35.20	30.07.35	30.16.15	
			ENT. SC.	20.30.30		25.24.25	30.28.30		30.26.20			40.11.15	40.15.65	
				ENT. Cu.			40.25.40		39.25.10			50.21.05	48.19.10	
							43.25.40					51.18.05		

Forecast for 24 hours from noon on 19th

On the coast strong west to northwest winds, at times of gale force, moderating somewhat tomorrow.
Inland moderate to fresh winds between south and west.
Much low cloud at intervals.
Scattered showers. Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٩
تهب على الساحل رياح شديدة غربية إلى شمالية غربية
تصل لقوة العاصفة في بعض الأوقات وتخف حدتها نوعا غدا
وتهب في الداخل رياح معتدلة والشديدة نوعا
جنوبية إلى غربية تنتشر الغيوم المنخفضة في بعض الفترات
وتمطر في اتجاهات متفرقة ويبرد الطقس

STATION	Mean of day: Humidity % on 18th	Diff. from normal	Wet bulb temp °C on 18th	Diff. from normal
Alexandria	51	-14	15.3	-0.2
Ezbekiya	51	-17	14.8	-1.3
Gīza	66	-7	15.3	-0.3
Helwān	43	-14	14.1	+0.4

Gīza Grass minimum on 19th 10.4 °C

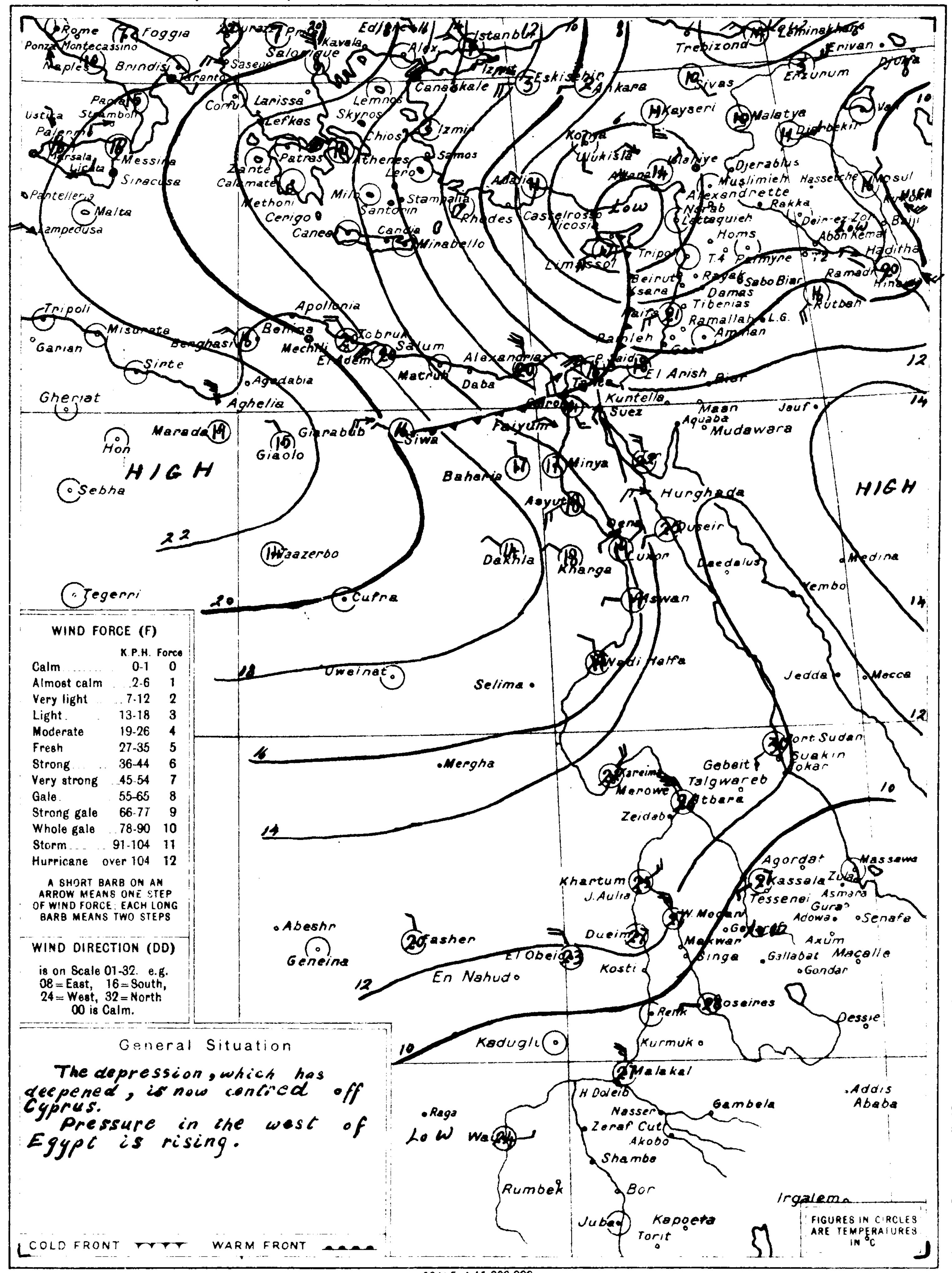
Discharges at Aswān measured by sluices m.³ per sec.

DATE	1939	1938
19-11	1968	1479
18-11	1852	1623

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	17-11	13.09	-0.57	13.13	-0.53
Nasser	17-11	10.45	+0.03	10.47	+0.03
Malakāl	18-11	12.26	-0.05	12.26	-0.05
Roseires	18-11	14.60	+0.68	14.68	+0.71
Sennār Res	18-11	19.60	—	19.50	—
J. Aulia U.S	17-11	375.69	—	375.67	—
J. Aulia D.S	17-11	372.39	+0.29	372.43	-0.27
Khartūm	17-11	12.08	-0.15	12.12	-0.15
Kh. el Girba	10-11	11.11	+0.20	11.11	+0.17
'Atbara	17-11	11.43	+0.10	11.44	-0.11
Kajnarti	18-11	135.83	-0.13	135.96	-0.08
Aswān Res.	19-11	120.30	—	120.20	—
Aswān D.S.	19-11	87.26	+0.68	87.12	+0.43
Roda (Cairo)	18-11	16.45	-0.54	16.47	-0.58

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

١٩٣٩-١١-١٩ Isobars, Wind and Temperature at 8 h. 19-11-1939



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, which has deepened, is now centred off Cyprus.
Pressure in the west of Egypt is rising.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

STATION	At 8 h on 19th 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	02	6	22	4	1	4	—	3.8	-13.2	17	—	—	—	—	—	15	44	63
Haifa	02	—	22	3	—	4	—	8.8	-7.2	20.7	24	-1	16	+2	55	dr	19	70
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	i
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 6 h. 24 m.
" " Sunset 6 h. 37 m.

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Region	STATION	At 14 h. on 19th (الساعة ١٤ يوم ١٩) Present Weather ww	Visibility 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 MONDAY 20th (الساعة ٨ يوم الاثنين ٢٠) Present Weather ww	Visibility V	Wind Dir. DD	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	50	7	32	5	5	5	cb	17.0	18.1	75	01	6	22	4	1	3	Sc.	18.3	−0.2	11.7	21	—	10	—	93	dr.		—	130
	MATRÛH	21	6	28	6	5	5	cb	14.7	18.2	89	01	8	20	1	1	2	Cu.	16.4	−1.4	15.2	20	−3	13	−1	66	dr.	31	30	131
	DIKHEILA	21	8	28	5	5	4	Cu	14.3	20.1	64	01	8	26	5	1	4	Cu	17.8	—	19.1	21	—	15	—	60	2	9	—	150
	ALEXANDRIA	02	9	28	7	5	4	Cb	13.4	20.3	50	02	9	28	5	2	4	Ac.	17.4	−0.6	18.5	22	−2	15	0	50	2	4	27	132
	DAMIETTA											02	8	28	4	2	5	Sc.	17.0	—	17.7	21	—	[illegible]	—	60	2	17	17	159
	PORT SAÏD	00	8	28	6	3	0	—	11.2	21.5	46	02	6	20	5	2	4	Sc.	17.4	+0.9	16.8	22	−2	15	−1	72	dr.	4	11	134
	EL 'ARÎSH	02	6	28	2	6	5	Cu	11.5	14.0	79	02	7	22	2	9	5	St.	16.0	—	14.5	23	—	11	—	84	4	17	12	135
Lower Egypt	DAMANHÛR											01	7	20	3	5	3	Cu.	18.2	−0.1	14.2	23	−2	12	−1	78	dr.	tr.	13	136
	MANSÛRA											02	4	20	2	1	4	Sc.	17.6	—	13.9	23	−3	11	−3	79	4	10	7	137
	TANTA	02	7	28	6	1	5	Cu.	12.6	22.0	43	00	8	22	2	0	0	—	17.8	−0.6	16.5	23	−2	10	−3	84	dr.	1	5	138
	ZAGÂZÎG	01	9	20	4	1	4	Cu.	13.4	22.9	48	00	8	20	2	0	0	—	18.6	—	15.8	23	−2	10	−2	75	dr.	dr.	5	139
Middle Egypt (Cairo)	ALMÂZA	01	8	22	3	6	4	cb	14.7	22.2	55	00	7	16	4	0	0	—	19.2	—	16.1	22	—	12	—	66	tr.	3	—	141
	EZBEKIYA	02	8	26	4	5	5	Cu.	13.8	23.4	45	00	6	14	1	0	0	—	19.0	+1.0	14.1	24	−1	12	−1	77	dr.	1	3	—
	GÎZA	02	7	30	3	5	4	Cu.	14.0	23.0	49	00	7	16	2	0	0	—	19.2	+0.9	13.9	24	−1	10	−2	80	dr.	1	5	—
	HELWÂN	02	7	22	2	6	4	Ac	14.0	20.6	63	09	5	28	1	0	0	—	19.8	+1.7	13.4	21	−3	11	−3	82	4	7	3	143
	SUEZ	02	7	24	2	5	5	Ac	13.5	21.8	51	00	7	26	1	0	0	—	18.7	+1.9	17.6	23	−3	14	−1	59	dr.	44	5	144
Upper Egypt	FAIYÛM	02	8	30	1	5	5	Cu.	15.0	21.5	62	02	7	00	0	0	4	Cu.	20.0	+2.0	13.9	24	−2	10	−2	67	dr.	3	0	153
	MINYA	02	6	32	2	1	5	cb	15.5	22.6	47	00	6	28	1	0	0	—	19.9	+1.7	14.0	24	−1	11	−1	69	0	tr	—	154
	ASYÛT	01	8	22	4	1	3	Cu	15.4	23.1	44	00	6	22	3	0	0	—	19.9	+2.1	15.5	24	−1	10	−2	63	0	3	1	155
	QENA	00	8	26	2	0	0	—	14.3	25.6	43	00	8	26	1	0	0	—	18.7	+2.0	15.9	27	−2	12	0	72	0	1	—	156
	LUXOR	00	9	30	2	0	0	—	15.4	24.8	42	00	9	30	1	0	0	—	19.1	—	19.3	25	—	12	—	56	0	9	—	157
	ASWÂN	00	7	30	3	0	0	—	13.8	26.4	16	02	7	32	1	1	5	Ci	18.6	+2.3	17.4	27	−3	14	−1	51	0	dr.	—	158
Western Desert	SIWA	00	8	28	1	0	0	—	—	25.0	61	00	8	00	0	0	0	—	21.4	+2.8	15.2	25	0	—	—	76	0	1	1	148
	BAHARIYA	01	4	30	2	1	3	Cu	17.3	22.4	62	00	9	00	0	0	0	—	—	—	13.0	24	—	10	—	77	0	0	—	149
	KHARGA	00	8	32	3	0	0	—	14.6	25.0	34	00	8	32	2	0	0	—	20.3	+3.2	17.0	25	−4	11	−1	59	0	0	tr.	151
	DÂKHLA	00	8	30	6	0	0	—	16.8	23.3	36	00	7	28	1	0	0	—	21.0	+2.6	13.5	24	−4	11	0	66	0	0	—	152
Red Sea	TÔR	00	6	32	4	0	1	Cb	13.3	25.0	51	00	5	32	5	0	1	Ns.	17.1	+0.7	14.8	26	+1	16	+2	65	0	20	3	145
	HURGHÂDA	00	9	30	4	0	0	—	12.0	26.7	55	00	9	28	3	0	0	—	16.8	+0.3	19.9	27	[illegible]	17	+2	42	0	43	—	146
	QUSEIR	00	7	24	2	0	0	—	12.6	28.0	22	00	7	28	2	0	0	—	17.1	+1.2	22.4	28	+1	18	−1	41	0	2	3	147
	PORT SUDAN	01	—	08	1	0	3	—	9	31	55	03	—	32	3	1	7	—	12.8	−1.1	27.5	34	+4	25	+2	68	0	32	42	169
North Sudan	WÂDI HALFA	18	6	32	5	1	4	—	12.9	27	17	01	8	01	3	1	4	Ci	18.4	+2.0	17.8	27	−3	12	−1	46	—	—	—	165
	KAREIMA	01	7	32	4	0	3	—	13.8	31	07	00	7	02	4	0	1	Ci, Cs.	16.8	+2.4	19.3	31	−3	15	−2	32	0	dr.	1	166
	ATBARA	01	—	32	4	3	3	—	9	34	25	00	—	32	5	0	0	—	13.3	+0.7	23.3	34	0	19	0	30	0	1	1	167
	KHARTÛM	00	8	04	3	0	1	Ac	7.7	36	19	01	8	32	3	1	3	Ci	13.1	+1.3	22.4	36	0	19	−1	31	0	24	5	168
	KASSALA	00	8	32	2	0	0	—	4.0	36	23	00	8	02	2	0	0	—	9.9	−0.6	24.2	37	0	19	−2	34	0	7	11	170
Central Sudan	WAD MEDANI	01	—	30	5	0	3	—	6	36	25	00	—	32	5	0	0	—	11.8	+0.5	23.0	36	−1	16	−4	23	0	44	13	171
	DUEIM	01	—	—	—	0	3	—	7	33	25	00	—	—	—	0	0	—	13.1	+1.7	23.4	35	−1	20	+1	35	0	17	12	173
	RENK	01	8	32	2	1	3	St, Sc	5.6	35	22									—	—		—		—				—	182
	ROSEIRES	02	—	30	1	0	4	—	6	37	35	00	—	30	1	0	0	—	11.5	+1.3	24.4	39	+2	17	−1	46	0	72	35	172
	EL OBEID	00	8	30	3	1	1	—	8.1	32	21	01	8	30	3	1	4	Ci, Cs.	14.5	+1.4	19.0	32	−2	16	+1	40	0	20	14	174
	EL FASHER	00	8	02	4	0	0	—	—	34	10	01	8	32	3	0	3	Ci, Cs.	—	—	17.5	34	0	13	+1	38	0	4	8	175
	GENEINA	01	8	04	5	1	4	Cu.	—	32	17	01	8	04	5	1	4	Ac.	—	—	18.6	34	—	14	—	25	0	19	—	179
	KADUGLI	01	8	04	4	1	4	—	4.8	35	25																		—	187
S. Sudan	MALAKÂL	03	8	32	5	1	8	—	4.7	36	19	03	8	02	5	1	8	Ac, Cs	10.4	−0.5	24.6	36	+1	18	−1	27	0	75	68	176
	WAU	02	—	04	2	0	4	—	5	36	25	00	—	04	1	0	0	—	9.7	−0.6	24.0	36	+1	20	+1	53	0	186	137	177
	JUBA	01	8	10	3	1	4	Cu.	4.3	36	31																		110	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.

	SALÛM	MATRÛH	DIKHEILA	MINYA	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	Fasher	Geneina
Time	7 h. m.	7 h. m.	h. m.	8 h. m.	9 h. m.	7 h. m.	7 h. m.	6 h. m.	5 h. m.	6 h. m.	7 h. m.	7 h. m.	6 h. m.	6 h. m.	6 h. m.
	02 26 25	02 28 15		02 36 10	02 18 10	02 34 05	02 03 10	03 03 20	06 01 60	[illegible] 35 45	06 13 15	07 36 30	06 02 50	09 03 25	10 04 80
	05 26 —	05 30 15		05 35 30	05 25 05	05 36 30	05 01 40	06 02 55	10 01 35	10 01 55	10 14 25	10 02 50	10 03 70	10 04 30	15 07 60
	10 28 30	10 29 20		10 35 30	08 32 25	10 34 50	10 01 45	10 04 60	15 01 35	15 36 40	15 13 25	15 03 35	15 03 55	15 06 55	20 35 35
	15 28 35	12 29 20		15 34 05	10 32 35	15 33 60	15 02 30	15 02 55	20 01 35	20 26 10	20 14 25	20 03 40	20 05 40	20 09 75	29 36 10
	20 30 45			20 32 20	15 32 40	20 33 75		20 02 25	23 01 40	27 22 15	30 14 15	25 10 15	30 07 20	27 10 95	
	25 29 40				20 32 60			30 07 25			40 14 15		40 09 15		
	30 27 40				23 32 55								48 13 10		
					25 31 45										
					28 32 60										

Forecast for 24 hours from noon on 20th

On the coast moderate to fresh northwest to west winds backing to southwest in the Libian Desert tomorrow.
Inland light to moderate winds between south and west at first, probably veering to north-east tomorrow. Occasional medium cloud. Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٠
تهب على الساحل رياح معتدلة الى نشطة شمالية غربية الى غربية
معتدلة الى شديدة نوعا تتحول الى جنوبية غربية على الصحراء
الغربية غدا . وتهب في الداخل رياح ما بين الجنوب
والغرب خفيفة الى معتدلة تتحول الى شمالية شرقية غدا
يظهر بعض السحاب المتوسط
ودرجة الحرارة حول المعدل

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp. °C on 19th	Diff. from normal
Alexandria	52	−13	14.3	−1.1
Ezbekiya	51	−17	14.0	−1.7
Gîza	62	−12	13.9	−1.5
Helwân	52	−5	12.9	−0.7

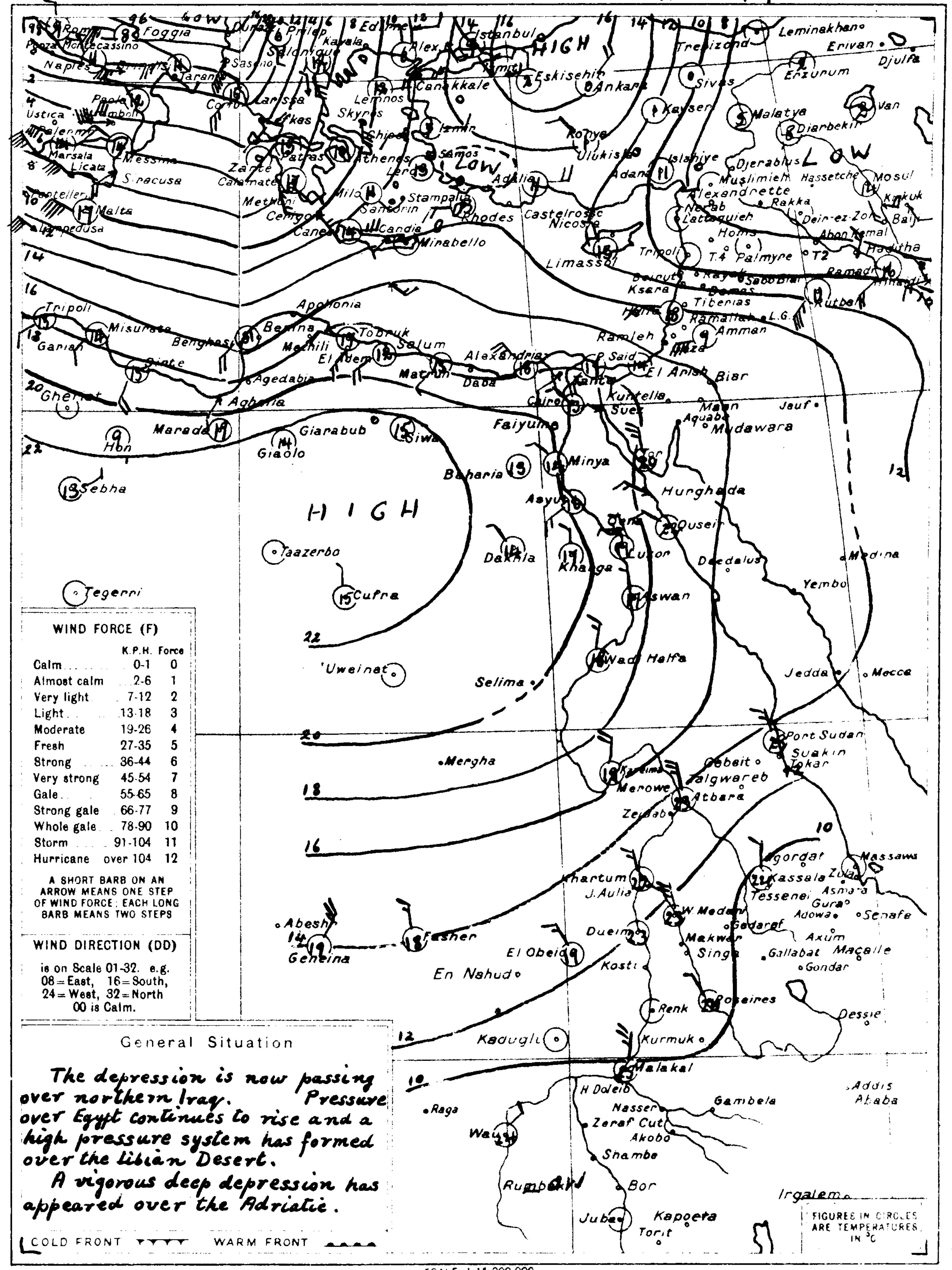
Gîza Grass minimum on 20th 6.2 °C

Discharges at Aswân measured by sluices m³ per sec.

DATE	1939	1938
20.11	1738	1331
19.11	1968	1479

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19.11	13.14	−0.50	13.12	−0.53
Nasser	19.11	10.42	+0.04	10.44	+0.04
Malakal	20.11	12.26	−0.05	12.26	−0.05
Roseires	20.11	14.47	+0.64	14.52	+0.64
Sennâr Res	19.11	19.66	—	19.60	—
J. Aulia U.S	19.11	375.55	—	375.64	—
J. Aulia D.S	19.11	372.42	−0.21	372.31	−0.28
Khartûm	19.11	12.06	−0.10	12.06	−0.15
Kh. el Girba	10.11	11.11	+0.22	11.11	+0.17
Atbara	19.11	11.38	−0.09	11.41	−0.10
Kajnarti	19.11	135.73	−0.16	135.13	−0.13
Aswân Res.	20.11	120.36	—	120.30	—
Aswân D.S.	20.11	87.27	+0.69	87.26	+0.68
Rôda (Cairo)	20.11	16.33	−0.56	16.36	−0.58

١٩٣٩-١١-٢٠ Isobars, Wind and Temperature at 8 h. 20 - 11 - 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 now passing over northern Iraq. Pressure over Egypt continues to rise and a high pressure system has formed over the Libian Desert.
A vigorous deep depression has appeared over the Adriatic.

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 20th (الساعة ٨ يوم ٢٠) Present Weather ww	Visibility V	Wind Dir. DD	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	00	7	30	1	0	1	—	11.2	−5.8	13	—	—	—	—	—	tr	44	65
HAIFA	02	—	26	3	—	4	—	14.0	−2.0	17.8	21	−4	13	−1	55	12	31	73
MATRUH 12h	01	8	16	2	0	3	Cu	20.0	+2.3	19.0	22	−2	15	0	81	0	28	23
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. 26
" " Sunset h. 16 m. 56

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

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 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 Temp °C	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	01	8	24	2	0	2	Cu	18.0	22.3	42	00	7	16	1	0	0	—	20.2	+1.7	18.2	23	—	12	—	64	0	30	—	130
MATRÛH	00	9	20	2	0	1	Cu	17.9	22.2	72	00	9	20	2	0	1	Cu	20.0	+2.1	18.1	25	+3	13	-1	78	0	31	32	131
DIKHEILA	00	8	26	2	0	1	Cu	18.7	22.0	63	01	8	18	2	0	2	Cu	20.2	—	16.5	26	—	13	—	76	0	9	—	150
ALEXANDRIA	00	9	26	1	0	0	—	18.2	24.1	49	00	9	00	0	0	0	—	19.6	+1.4	19.5	26	+2	16	+1	65	0	4	30	132
DAMIETTA											01	8	00	0	1	3	Cu	18.8	—	17.2	24	—	14	—	86	0	17	19	159
PORT SAÏD	00	8	28	2	0	0	—	17.9	23.4	67	00	8	04	2	1	0	—	19.2	+2.5	—	25	+2	18	+2	—	0	4	12	134
EL 'ARISH	00	7	28	1	0	0	—	18.0	21.1	77	01	7	00	0	1	4	Cu	17.1	—	14.0	24	—	11	—	95	0	17	13	135
LOWER EGYPT: DAMANHÛR											01	8	24	3	1	2	Cu	19.9	+1.6	14.8	26	+1	12	0	88	0	tr	14	136
MANSURA											00	8	08	1	0	0	—	19.2	—	16.9	26	0	12	-1	81	0	10	8	137
TANTA	00	8	00	0	0	0	—	17.6	24.0	50	00	8	00	0	0	0	—	20.3	+1.8	16.5	26	+1	10	-2	95	0	1	7	138
ZAGÂZIG	00	9	04	2	0	0	—	17.5	25.3	48	00	5	30	1	4	0	—	19.9	—	17.4	25	0	11	-1	89	0	dr	6	139
MIDDLE EGYPT: CAIRO ALMAZA	00	8	02	3	0	0	—	17.0	24.6	44	00	7	06	2	0	1	Ac	19.2	—	18.6	25	—	12	—	75	0	3	—	141
CAIRO EZBEKIYA	00	8	32	4	0	0	—	16.8	25.7	31	05	6	28	1	0	0	—	19.5	+1.3	15.4	27	+3	12	-1	83	0	1	3	—
CAIRO GIZA	00	8	02	3	0	0	—	16.7	—	—	40	3	30	1	4	0	—	19.4	+0.9	13.0	—	—	—	—	94	0	1	5	—
HELWÂN	00	9	02	5	0	0	—	16.2	24.3	23	09	6	00	0	0	0	—	19.5	+1.3	16.5	25	+2	15	+2	76	0	7	3	143
SUEZ	00	9	32	3	0	0	—	16.3	23.4	53	00	8	30	2	0	0	—	18.8	+1.8	16.6	25	0	14	-1	83	0	44	5	144
UPPER EGYPT: FAIYUM	00	8	32	4	0	0	—	16.0	26.2	25	00	7	32	2	0	0	—	19.1	+1.0	16.6	27	+1	13	+1	76	0	3	0	153
MINYA	00	7	30	3	0	0	—	15.9	24.8	24	00	6	30	2	0	0	—	18.0	-0.4	14.9	25	+1	11	-1	88	0	tr	—	154
ASYUT	00	7	22	3	0	0	—	14.8	25.2	36	00	6	22	3	0	0	—	17.8	-0.3	13.8	26	+1	13	+2	80	0	3	1	155
QENA	00	8	26	1	1	0	—	13.6	25.8	41	00	8	26	1	0	0	—	16.3	-0.7	14.0	28	0	11	-1	70	0	1	—	156
LUXOR	00	9	30	1	0	0	—	13.5	28.3	31	00	9	02	1	0	0	—	16.6	—	17.4	30	—	12	—	43	0	9	—	157
ASWAN	01	7	32	2	1	3	Cu	12.2	27.8	18	00	7	00	0	0	0	—	15.4	-1.2	17.7	29	-1	14	0	35	0	dr	—	158
WESTERN DESERT: SIWA	00	8	00	0	0	0	—	18.7	25.0	58	00	8	00	0	0	0	—	21.0	+2.3	14.0	29	+5	—	—	58	0	1	1	148
BAHARIYA	00	9	32	1	0	0	—	18.3	25.1	34									—				—					—	149
KHARGA	00	8	04	1	0	0	—	14.3	24.9	32	00	8	0	0	0	0	—	17.9	+0.6	13.4	25	-3	7	-4	57	0	0	tr	151
DAKHLA	00	8	04	3	0	0	—	15.8	25.0	24	00	7	18	1	0	0	—	19.0	+0.3	14.0	26	-1	10	-1	63	0	0	—	152
RED SEA: TOR	00	7	28	4	0	0	—	13.8	25.0	68	00	6	32	2	0	0	—	15.4	-1.2	17.0	25	0	13	0	70	0	20	4	145
HURGHADA	00	9	32	2	0	0	—	13.3	25.8	50	00	9	32	3	0	0	—	15.8	-0.9	20.0	26	0	14	-1	48	0	43	—	146
QUSEIR	00	7	32	3	0	0	—	14.3	26.0	48	00	7	30	3	0	0	—	15.4	-0.7	23.4	27	0	19	0	35	0	2	3	147
PORT SUDAN	00	—	10	3	0	0	—	12	30	75	02	—	30	2	1	4	—	15.0	+0.9	29.2	31	+1	26	+3	71	0	32	47	169
NORTH SUDAN: WÂDI HALFA	02	8	—	—	—	—	—	11.0	31	18	01	8	32	2	0	2	Ci, Ac	15.2	-1.7	17.8	31	+2	14	+1	30	—	—	—	165
KAREIMA	01	8	04	1	1	4	—	10.7	33	31	00	8	04	2	0	0	—	13.3	-1.5	23.9	34	0	20	+3	41	0	dr	1	166
'ATBARA	01	—	08	2	0	4	—	9	36	55	00	—	04	2	0	0	—	12.6	-0.3	26.0	37	+3	21	+3	48	0	1	1	167
KHARTÛM	00	8	28	1	0	0	—	5.0	35	26	00	8	02	3	0	0	—	10.4	-1.7	27.3	39	+4	23	+4	45	0	24	5	168
KASSALA	00	8	06	2	0	0	—	4.3	36	20	00	8	06	1	0	0	—	9.1	-1.7	28.0	38	+1	22	+2	52	0	7	11	170
CENTRAL SUDAN: WAD MEDANI	00	—	04	3	0	0	—	5	37	25	00	—	04	2	0	0	—	10.6	-1.0	25.9	37	+1	17	-2	43	0	44	13	171
DUEIM	00	—	—	—	0	0	—	7	35	35	00	—	—	—	0	0	—	11.1	-0.5	28.2	36	0	23	+5	38	0	17	12	173
RENK																			—		—		—					—	182
ROSEIRES	00	—	02	6	0	0	—	5	38	—	00	—	18	1	0	0	—	9.8	-0.7	25.7	39	+2	18	0	49	0	72	35	172
EL OBEID	00	8	32	2	0	0	—	5.9	32	24	00	8	28	3	0	0	—	11.8	-1.6	22.2	34	+1	18	+4	31	0	20	19	174
EL FÂSHER	00	8	06	1	0	0	—	—	33	—	00	8	00	0	0	0	—	—	—	19.9	34	+1	14	+2	34	0	4	8	175
GENEINA											01	8	04	4	1	3	Cs	—	—	18.0	35	—	14	—	30	0	19	—	179
KADUGLI																												—	187
S. SUDAN: MALAKÂL	00	8	04	4	0	0	—	6	—	—	01	8	02	4	0	2	Ci	9.6	-1.3	27.0	37	+2	20	+2	35	0	75	90	176
WÂU	03	—	08	3	0	7	—	5	35	25	00	—	32	1	0	0	—	9.0	-1.5	24.0	36	+1	18	-1	62	0	186	141	177
JÛBA																												122	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	CAIRO	HELWÂN 8h 30m	ASYÛT 7h	ASWÂN 5h	WÂDI HALFA 5h	KAREIMA 5h	KHARTÛM 5h	KASSALA 7h	EL OBEID 6h	MALAKÂL 7h	JÛBA	EL FASHER 6h
02.27.05	02.27.15			02.04.10	02.31.25	02.01.10	03.02.25	06.03.56	06.36.50	06.15.10	07.35.35	06.01.45		09.34.20
05.19 —	05.27.15			05.04.35	05.35.15	05.02.35	06.04.20	10.05.75	10.04.30	10.15.25	10.03.40	10.02.35		10.36.15
10.31.10	10.24.25			10.03.40	10.02.25	10.29.10	10.01.25	15.06.25	15.07.25	15.14.35	15.03.35	15.05.40		15.04.20
15.29.20	15.23.25			15.04.30	15.36.20	15.18.40	15.17.10	20.05.25	20.16.20	20.12[illegible]	20.05.20	20.07.30		20.08.15
20.31.15				20.01.05	20.02.30		19.23.30	30.01.10		30.08.15	23.06.15	22.08.25		30.21.05
25.32.20				25.28.20	25.02.35					40.08.20				40.19.10
30.26.30				30.28.20						50.35.25				50.09.40
35.26.50				40.27.35						56.34.20				54.10.35
39.26.65				50.27.40										
				60.27.45										

Forecast for 24 hours from noon on 23rd

Moderate winds, on the coast generally between southwest and northwest; inland northeast. Some low cloud, decreasing later. Remaining mild.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٣
رياح معتدلة تكون ما بين الجنوب الغربي والشمال الغربي
على الساحل ومن الشمال الشرقي في الداخل
ظهور بعض السحاب المنخفض ثم يتناقص
ويستمر الطقس معتدلاً

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet Bulb Temp °C on 22nd	Diff. from normal
Alexandria	53	-12	15.5	+0.4
Ezbekiya	57	-12	13.8	-1.7
Gîza	—	—	—	—
Helwân	51	-7	13.1	-0.1

Gîza Grass minimum on 23rd 7.1 °C

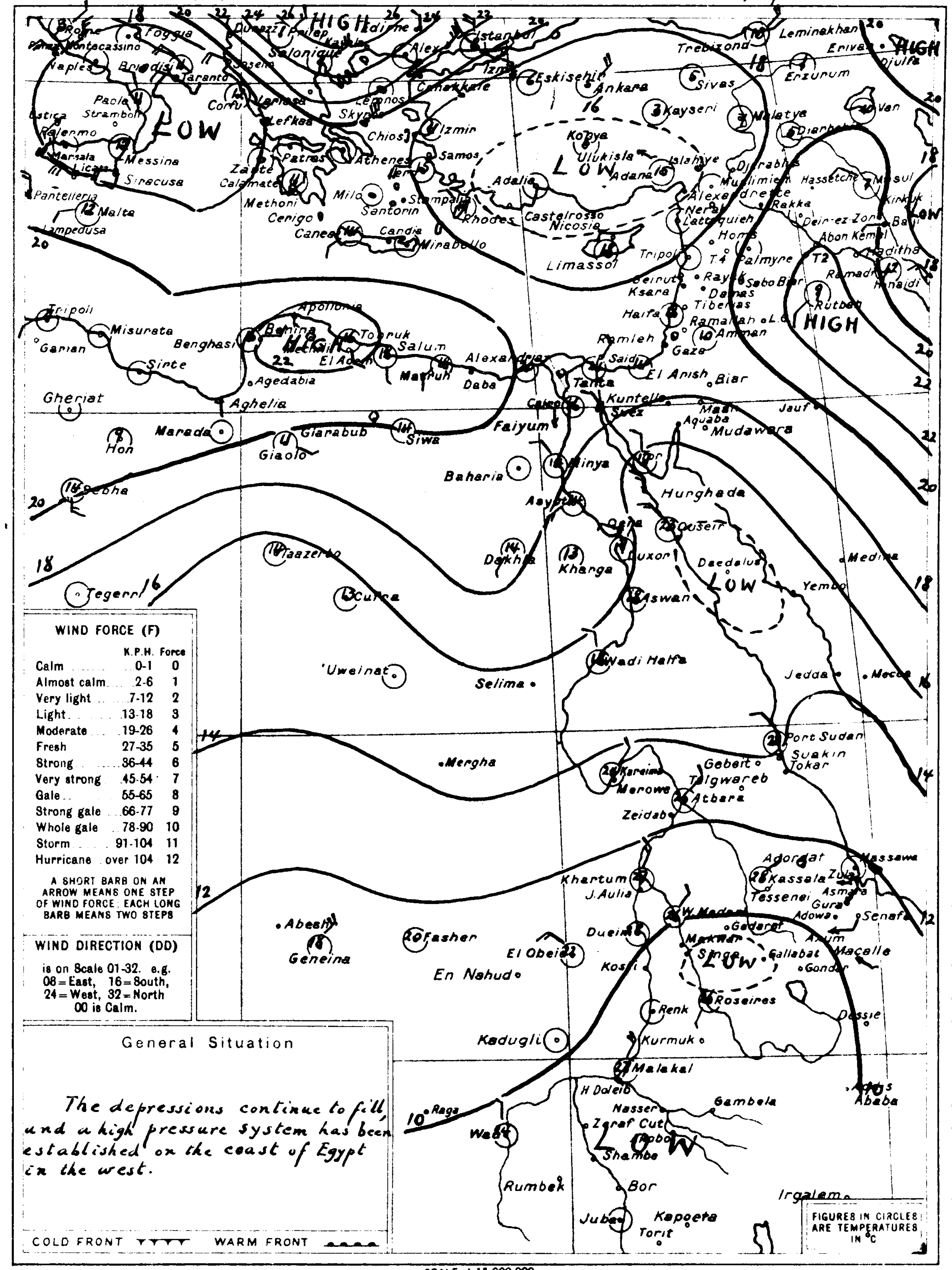
Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
23-11	1968	1157
22-11	1968	1157

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23-11	13.38	-0.23	13.28	-0.34
Nâsser	22-11	10.35	+0.06	10.38	+0.06
Malakâl	23-11	12.26	-0.04	12.26	-0.04
Roseires	23-11	14.26	+0.56	14.32	+0.56
Sennâr Res	22-11	19.96	—	19.87	—
J. Aulia U.S	22-11	375.64	—	375.61	—
J. Aulia D.S	22-11	372.31	-0.26	372.32	-0.27
Khartûm	22-11	11.99	-0.08	12.02	-0.07
Kh. el Girba	11-11	11.10	+0.22	11.11	+0.20
'Atbara	23-11	11.33	-0.06	11.33	-0.08
Kajnarti	22-11	135.50	-0.24	135.57	-0.20
Aswân Res.	23-11	120.54	—	120.48	—
Aswân D.S	23-11	87.26	+0.68	87.27	+0.69
Rôda (Cairo)	22-11	16.27	-0.50	16.29	-0.54

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

١٩٣٩-١١-٢٣ Isobars, Wind and Temperature at 8 h. 23-11-1939



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 depressions continue to fill, and a high pressure system has been established on the coast of Egypt in the west.

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 ٢٣)

STATION	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	Total from Oct 1	Normal from Oct 1
Limassol	00	7	00	0	0	1	—	17.0	-0.1	18	—	—	—	—	—	0	84	71
Haifa	00	—	00	0	—	0	—	18.4	+2.3	18.0	25	+1	12	-2	63	0	31	82
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 27m
„ „ Sunset 16h 56m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER 1939 — ١٩٣٩ شهر نوفمبر

١٩٣٩-١١-٢٤

At 14 h. on 23rd — الساعة ١٤ يوم ٢٣ ; At 8 h. on FRIDAY 24th — الساعة ٨ يوم الجمعة 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. 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	8	20	3	0	0	—	19.2	23.2	41	01	7	22	5	0	2	Sc	19.5	+1.0	15.3	24	—	13	—	59	0	30	—	130
MATRUH	00	9	32	1	0	0	—	19.2	22.0	73	01	9	18	1	0	2	Cu	20.8	+2.8	18.1	25	+3	13	0	52	0	31	33	131
DIKHEILA	01	8	30	3	1	4	Cu	19.2	21.8	67	00	8	16	2	0	1	Cu	20.4	—	18.3	24	—	15	—	79	0	9	—	150
ALEXANDRIA	02	9	02	3	2	4	Ac	18.7	23.5	53	00	9	00	0	0	0	—	18.6	+0.4	19.4	24	0	17	+2	73	0	4	31	132
DAMIETTA											00	7	20	1	5	0	—	19.6	—	18.5	23	—	14	—	84	dr	17	19	159
PORT SAID	01	8	04	3	0	2	Cu	18.0	23.2	59	01	8	04	2	1	3	Cu	19.2	+2.4	22.2	27	+4	16	0	64	0	4	12	134
EL ARISH	02	7	02	2	1	4	Cu	17.2	23.0	73	01	7	00	0	1	3	Cu	18.4	—	15.2	24	—	13	—	92	0	17	13	135
LOWER EGYPT																													
DAMANHUR											01	7	32	2	1	2	Cu	20.3	+2.0	15.6	25	0	13	+1	87	0	tr	14	136
MANSURA											00	8	02	1	0	0	—	19.8	—	16.4	24	-1	13	0	80	0	10	8	137
TANTA	01	8	00	0	1	3	Cu	18.3	24.0	46	00	8	00	0	0	0	—	20.3	+1.8	17.0	26	+1	11	-1	90	0	1	7	138
ZAGAZIG	01	9	30	1	0	4	Cu	17.9	23.4	56	00	7	30	1	4	0	—	20.3	—	17.4	25	0	10	-2	84	0	dr	6	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	04	3	1	3	Cu	17.9	23.8	49	05	6	00	0	0	1	St	20.0	—	14.0	24	—	12	—	81	0	3	—	141
CAIRO EZBEKIYA	01	8	02	4	1	4	Cu	17.8	24.9	40	08	4	00	0	0	0	—	19.9	+1.7	15.3	26	+2	12	0	82	0	1	4	—
CAIRO GIZA	01	7	32	4	1	4	Cu	17.6	24.8	40	05	5	30	2	0	0	—	19.8	+1.2	13.0	25	+1	10	-1	90	0	1	5	—
HELWAN	01	8	32	4	0	2	Cu	17.5	23.9	33	05	5	02	3	0	0	—	19.4	+1.2	16.6	24	+1	14	+1	72	0	7	3	143
SUEZ	01	9	32	3	0	3	Cu	17.2	22.8	55	00	8	30	2	0	0	—	19.4	+2.5	16.5	24	-1	12	-2	79	0	44	5	144
UPPER EGYPT																													
FAIYUM	00	8	32	4	0	0	—	17.2	24.3	41	00	7	32	2	0	0	—	19.5	+1.3	15.8	25	0	11	-1	76	0	3	0	153
MINYA	00	6	04	3	0	0	—	15.6	24.0	42	00	6	32	2	0	0	—	18.4	0.0	14.0	24	0	11	-1	90	0	tr	—	154
ASYUT	00	8	28	3	0	0	—	15.4	25.2	33	00	7	22	3	0	0	—	17.8	-0.4	14.7	27	+2	9	-2	80	0	3	2	155
QENA	01	8	26	1	1	4	Cu	13.9	26.0	45	01	8	26	1	1	4	Cu	16.6	-0.5	15.0	28	0	12	0	78	0	1	—	156
LUXOR	02	8	30	1	1	4	Ci	14.0	28.2	33	01	9	06	1	1	4	Ci	16.8	—	16.3	30	—	9	—	66	0	9	—	157
ASWAN	01	7	28	1	1	3	Cu	12.2	29.0	19	00	7	02	1	0	0	—	15.4	-1.3	19.0	30	+1	15	+1	38	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	20.3	24.0	55	00	8	00	0	0	0	—	21.2	+2.4	15.0	27	+3	—	—	61	0	1	1	148
BAHARIYA	00	9	32	1	0	0	—	16.2	23.1	44	00	9	32	1	0	0	—	17.8	—	13.8	25	—	11	—	87	0	0	—	149
KHARGA	00	8	04	2	0	0	—	14.3	24.8	33	00	8	32	2	0	0	—	17.6	+0.2	13.0	25	-3	7	-4	55	0	0	tr	151
DAKHLA	02	7	32	3	1	5	Sc	16.6	24	33	01	7	00	0	0	4	Ci	19.0	+0.2	15.0	25	-2	11	0	74	0	0	—	152
RED SEA																													
TOR	00	6	28	5	0	0	—	13.9	24.8	69	00	6	32	3	0	0	—	15.9	-0.7	17.5	25	0	12	-1	70	0	20	4	145
HURGHADA	00	9	32	3	0	0	—	13.5	25.5	53	00	9	32	3	0	0	—	16.3	-0.4	19.7	26	0	14	0	50	0	43	—	146
QUSEIR	00	7	02	3	0	1	Ci	14.6	25.0	60	00	7	32	3	0	1	Ci	16.0	-0.2	23.5	26	-1	19	0	48	0	2	3	147
PORT SUDAN	01	—	08	3	1	4	—	12	32	65	03	—	32	4	2	7	—	14.7	+0.5	27.5	32	+2	24	+1	80	0	32	49	169
NORTH SUDAN																													
WADI HALFA											01	8	32	3	0	3	Ac,Ci	15.3	-1.8	16.4	31	+2	13	0	34	—	—	—	165
KAREIMA											00	8	02	3	0	0	—	13.7	-1.2	24.3	36	+2	19	+2	28	0	dr	1	166
ATBARA	01	—	06	2	0	4	—	—	37	25	00	—	08	2	0	0	—	12.4	-0.6	26.2	37	+3	21	+3	47	0	1	1	167
KHARTUM	01	8	30	2	0	2	Cu	6.0	41	—	00	8	04	3	0	0	—	11.0	-1.2	27.0	41	+2	23	+4	39	0	24	5	168
KASSALA	01	8	04	3	0	2	Cu	4.4	36	17	00	8	04	1	0	0	—	9.5	-1.4	27.0	38	+2	22	+2	51	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	08	3	0	4	—	—	—	25	00	—	04	4	0	0	—	9.9	-1.8	27.0	38	+2	19	0	41	0	44	13	171
DUEIM											00	—	—	—	0	0	—	10.8	-0.9	26.6	39	+3	22	+4	42	0	17	12	173
RENK	01	7	30	4	0	3	Sc	4.2	39	13																		—	182
ROSEIRES											00	—	20	1	0	0	—	9.8	-0.7	25.4	39	+2	17	0	47	0	72	36	172
EL OBEID	00	—	02	3	0	0	—	5.0	34	24	00	8	28	2	0	1	Ac	11.8	-1.7	23.1	35	+2	19	+5	33	0	20	19	174
EL FASHER											01	8	00	0	0	2	Cs	—	—	17.8	34	+1	14	+2	38	0	4	8	175
GENEINA	02	8	32	3	1	5	Cu	—	34	26	02	8	04	2	1	5	Ac	—	—	18.0	36	—	15	—	38	0	19	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL	00	8	02	3	0	1	Cu	3.2	38	23	01	8	02	4	1	4	Ac	8.4	-2.5	28.1	39	+3	20	+2	34	0	75	90	176
WAU											03	—	28	1	1	7	—	8.8	-1.7	24.4	37	+1	19	0	65	0	186	142	177
JUBA	02	8	18	2	1	5	Cu	3.8	37	24	01	8	00	0	1	3	Ci	10.7	+0.3	24.3	37	+1	19	-1	83	0	203	123	178

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

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

SALUM 7h	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA 5h	KAREIMA 4h	KHARTUM 5h	KASSALA 6h	EL OBEID 4h	MALAKAL 3h	JUBA 7h	EL FASHER 5h
02.25.25							03.01.15	06.05.60	06.01.60	06.14.15	07.35.35	06.32.15	06.27.05	09.36.20
05.23.—							06.04.15	10.07.20	10.03.50	10.11.30	10.03.45	10.02.25	10.19.20	10.02.25
10.19.05							10.35.05	15.05.10	15.02.35	15.10.30	15.03.30	15.04.25	15.18.50	15.05.15
11.12.05							15.03.05	20.29.15	20.34.15	20.07.15	20.03.25	20.08.25	20.17.40	17.08.10
15.05.00								30.10.05	30.09.15	30.05.10	29.18.15	25.08.35	30.15.30	
17.23.05								33.13.05	31.13.15	40.35.05		30.07.30	40.15.35	
20.29.15										50.30.10			46.14.40	
30.26.30										56.28.15				
35.27.40														
40.26.45														

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	58	-7	16.4	+1.5
Ezbekiya	67	-2	15.5	+0.1
Giza	80	+5	15.1	+0.2
Helwan	63	+5	14.7	+1.6

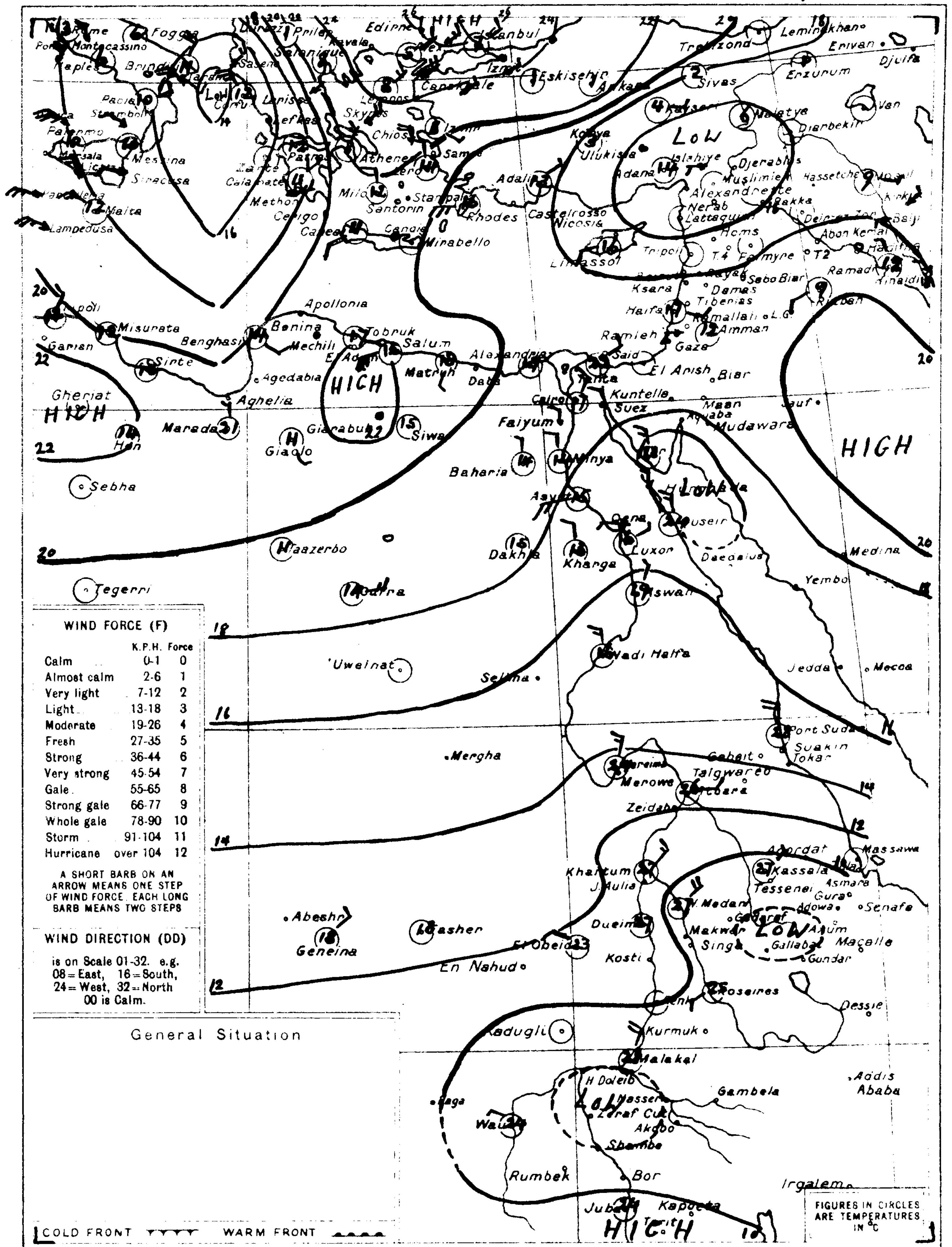
Giza Grass minimum on 24th 7.2 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
24-11	1969	1157
23-11	1968	1157

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	22-11	13.38	-0.23	13.28	-0.34
Nasser	22-11	10.35	+0.06	10.38	+0.06
Malakal	23-11	12.26	-0.04	12.26	-0.04
Roseires	23-11	14.26	+0.56	14.32	+0.56
Sennar Res	24-11	20.12	—	20.06	—
J. Aulia U.S	22-11	375.64	—	375.61	—
J. Aulia D.S	22-11	372.31	-0.26	372.32	-0.27
Khartum	22-11	11.99	-0.08	12.02	-0.07
Kh. el Girba	11-11	11.10	+0.22	11.11	+0.20
Atbara	22-11	11.33	-0.06	11.33	-0.08
Kajnarti	22-11	135.50	-0.20	135.57	-0.24
Aswan Res	24-11	120.59	—	120.54	—
Aswan D.S	24-11	87.26	+0.68	87.26	+0.68
Roda (Cairo)	22-11	16.27	-0.50	16.29	-0.54

Isobars, Wind and Temperature at 8 h. 24-11-1939



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 0 200 400 600 Kms

At 8 h. on 24th — الساعة ٨ يوم ٢٤

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	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	2	1	2	—	17.0	-0.1	16	—	—	—	—	—	0	84	74
Haifa	02	—	10	2	—	4	—	18.7	+2.6	16.8	24	0	14	0	75	0	31	85
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	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, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 28 m
" " Sunset 16 h 56 m

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

DAILY WEATHER REPORT

Month NOVEMBER 1939 — شهر نوفمبر ١٩٣٩

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

Region	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 °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	00	8	20	3	0	1	Sc	18.2	22.9	38	02	7	22	5	1	5	Cb	15.1	-3.3	11.8	24	—	11	—	67	0	30	—	130
	MATRÛH	01	7	28	1	0	2	Cu	17.6	23.1	73	01	8	20	2	0	3	Cs	15.5	-2.5	15.2	26	+4	13	0	96	0	31	33	131
	DIKHEILA	01	8	04	3	1	4	Cu	19.0	21.6	68	01	8	20	1	0	2	Ac	17.0	—	17.0	24	—	14	—	75	0	9	—	150
	ALEXANDRIA	02	9	04	2	2	4	Ac	18.4	24.0	52	00	9	00	0	0	0	—	16.0	-2.3	18.3	26	+3	15	0	66	0	4	32	132
	DAMIETTA											00	5	00	0	0	0	—	15.9	—	17.7	22	—	14	—	80	0	17	20	159
	PORT SAÎD	01	8	28	4	1	3	Cu	18.7	23.8	59	02	8	04	2	1	4	Cu	15.4	-1.4	21.6	25	+2	18	+3	62	0	4	13	134
	EL ARISH	01	7	28	2	0	3	Cu	17.2	22.0	66	01	7	00	0	1	2	Cu	15.1	—	14.0	24	—	12	—	90	0	17	14	135
Lower Egypt	DAMANHÛR											01	7	18	3	1	2	Cu	16.3	-2.0	15.0	23	-2	12	0	82	0	tr	15	136
	MANSÛRA											00	8	12	1	0	0	—	15.9	—	16.2	25	0	13	0	79	0	10	9	137
	TANTA	02	7	00	0	1	5	Cu	18.3	25.0	47	00	8	00	0	0	0	—	15.9	-2.6	14.0	26	+2	10	-2	93	0	1	7	138
	ZAGÂZIG	02	9	30	2	0	4	Cu	17.9	23.9	49	02	6	30	1	1	4	Cu	16.3	—	15.8	24	-1	9	-3	85	0	dr	6	139
Middle Egypt (Cairo)	ALMAZA	01	8	02	5	1	4	Cu	17.2	23.2	56	00	7	00	0	0	1	Sc	16.7	—	15.2	24	—	11	—	76	0	3	—	141
	EZBEKIYA	01	8	02	3	1	4	Cu	17.0	24.6	42	05	5	30	2	1	3	Sc	16.4	-1.9	14.6	26	+2	11	-1	85	0	1	4	—
	GIZA	01	8	02	3	1	4	Cu	17.0	24.1	40	05	5	30	2	1	3	Sc	16.3	-2.4	12.6	25	+1	10	-1	93		1	5	—
	HELWAN	01	8	02	4	1	4	Cu	16.7	23.3	36	09	4	00	0	0	0	—	15.9	-2.3	13.5	24	+1	13	0	89	0	7	3	143
	SUEZ	00	9	32	3	0	1	Cu	16.7	22.4	47	00	8	28	1	0	0	—	15.4	-1.8	17.0	23	-2	13	-1	78	0	44	5	144
Upper Egypt	FAIYUM	00	8	32	3	0	0	—	16.4	24.8	40	00	7	32	3	0	0	—	15.9	-2.3	15.5	26	+1	12	+1	79	0	3	0	153
	MINYA	00	7	02	3	0	0	—	15.2	23.6	38	02	5	30	2	1	4	Cs	15.5	-3.0	13.5	24	0	11	-1	86	0	tr	—	154
	ASYUT	00	8	30	3	0	0	—	14.3	24.9	35	02	5	22	3	1	4	Ci	15.5	-2.8	12.2	28	+3	9	-2	87	0	3	2	155
	QENA	01	8	22	1	1	3	Cc	13.6	25.7	49	02	8	26	1	1	5	Cc	14.7	-2.5	15.0	28	0	10	-2	69	0	1	—	156
	LUXOR	00	9	30	2	0	0	—	13.8	28.5	37	01	9	06	2	1	4	Ci	15.0	—	14.0	30	—	9	—	73	0	9	—	157
	ASWAN	01	7	26	2	1	2	Cu	11.2	30.3	36	00	7	32	1	0	0	—	13.5	-3.3	18.3	31	+2	16	+2	46	0	dr	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	19.4	24.5	53	00	8	00	0	0	0	—	19.0	+0.2	14.0	25	+1	—	—	66	0	1	1	148
	BAHARIYA	00	9	02	1	0	0	—	16.6	23.0	44	00	9	32	1	0	0	—	17.2	—	13	24	—	10	—	83	0	0	—	149
	KHARGA	00	8	32	3	0	0	—	14.2	23.9	39	00	8	00	0	0	0	—	17.0	-0.5	12.8	24	-4	7	-4	55	0	0	tr	151
	DAKHLA	00	8	04	5	0	0	—	15.6	24.8	37	01	7	28	1	0	4	Ci	16.4	-2.5	10.5	25	-2	9	-1	80	0	0	—	152
Red Sea	TÔR	00	7	28	5	0	0	—	13.6	24.0	69	00	5	32	2	0	1	Ac	13.4	-3.3	15.8	25	0	12	-1	76	0	20	4	145
	HURGHÂDA	00	9	32	4	0	0	—	13.1	25.3	58	01	9	26	3	0	3	Ci	13.6	-3.2	19.7	26	0	14	0	50	0	43	—	146
	QUSEIR	00	7	02	3	0	0	—	14.7	25.0	53	00	7	32	1	0	1	Ci	14.4	-1.8	23.0	26	-1	18	0	43	0	2	3	147
	PORT SUDAN	02	—	08	3	—	5	—	12	31	—	01	—	32	3	1	4	—	12.8	-1.4	27.8	32	+2	24	+1	71	0	32	51	169
North Sudan	WÂDI HALFA	00	8	32	3	0	0	—	11.5	30	19	00	8	28	2	0	1	Ac	14.9	-2.3	15.1	30	+1	12	0	40	—	—	—	165
	KAREIMA	00	8	00	0	0	0	—	9.9	34	28	00	8	04	3	0	0	—	13.3	-1.7	24.2	35	+1	19	+2	34	0	dr	1	166
	ATBARA	01	—	02	4	0	4	—	8	36	10	00	—	04	3	0	0	—	12.3	-0.8	26.2	36	+2	20	+2	46	0	1	1	167
	KHARTÛM	00	8	02	2	0	0	—	9.8	40	17	00	8	02	1	0	0	—	10.9	-1.4	25.6	40	+5	21	+2	44	0	24	5	168
	KASSALA	00	8	02	2	0	0	—	4.9	37	20	00	8	06	1	0	0	—	9.5	-1.5	26.0	37	+1	21	+1	63	0	7	11	170
Central Sudan	WAD MEDANI	01	—	02	1	0	4	—	5	37	10	00	—	04	3	0	0	—	10.0	-1.8	26.5	37	+1	17	-2	30	0	44	13	171
	DUEIM											00	—	—	—	0	0	—	10.8	-1.0	26.4	38	+2	22	+4	43	0	17	12	173
	RENK																			—			—		—					182
	ROSEIRES											00	—	30	1	0	0	—	10.0	-0.6	24.8	39	+2	17	0	52	0	72	36	172
	EL OBEID	00	8	06	1	0	0	—	5.2	35	17	01	8	30	3	1	2	Ci	11.2	-2.4	22.4	36	+3	18	+4	38	0	20	19	174
	EL FASHER	00	—	04	2	0	0	—	—	33	10	01	8	00	0	0	2	Ci	—	—	19.5	35	+2	14	+2	42	0	4	8	175
	GENEINA											01	8	08	3	1	4	Ao	—	—	18.0	37	—	14	—	38	0	19	—	179
	KADUGLI																												—	187
S. Sudan	MALAKÂL	01	9	08	3	1	2	Cu	4.4	36	17	01	8	04	4	0	2	Ac	8.4	-2.5	26.0	37	+1	18	0	35	0	75	90	176
	WÂU											00	—	32	2	0	0	—	8.7	-1.8	24.6	37	+1	21	+2	71	0	186	142	177
	JUBA	01	9	24	3	1	4	Cu	4.3	37	28	01	8	12	1	0	2	Ci	9.1	-1.3	25.6	38	+2	18	-2	56	0	203	124	178

UPPER WINDS ON 25th — الرياح العليا يوم ٢٥

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

SALÛM 7h	MATRÛH 7h	PORT SAID 9h	CAIRO	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 5h	KHARTÛM 7h	KASSALA 7h	EL OBEID 6h	MALAKÂL 6h	JUBA 6h	EL FASHER 6h
02 25 40	02 20 45	05.05.10		02 01 10	02 30 15	02 36 15	03 36 10	06 05 45	06 02 35	06 14 10	07 34 25	06 03 40	06 15 15	09 01 20
05 11 —	05 21 35	10.05.15		05 05 30	05 31 25	05 07 10	06 34 10	10 05 40	10 03 35	10 10 20	10 05 35	10 04 55	10 18 30	10 04 25
10 19 05	10 23 35	15.03.15		08 05 40	10 31 25	10 04 20	10 22 15	15 05 20	15 02 25	15 09 25	15 06 15	15 03 50	15 18 45	15 03 20
15 24 05		20.02.15		10 05 30			15 22 15	20 15 05	20 31 25	20 04 25	20 35 15	20 04 35	20 16 50	20 04 15
18 24 05		22.04.05		15 05 30			20 01 05	30 34 05	30 27 10	30 35 05	30 32 05	25 06 25	30 15 50	30 22 15
20 19 25		23.24.10		20 27 20			28 29 15	33 36 05	40 24 10	40 15 05	40 17 15	30 07 25	40 15 35	40 23 15
		25.24.30		30 26 50						50 23 05	50 12 35	40 13 30	50 14 20	48 23 10
		30.24.45		35 25 55							60 11 40		53 14 15	
		36.25.65		40 27 65							70 06 30			
				45 25 85										

Forecast for 24 hours from noon on 25th
On the coast fresh southwesterly winds, strengthening and becoming westerly later.
Inland moderate northeasterly winds, becoming southwesterly later.
Some low cloud.
Scattered showers in the north.
Becoming slightly cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٥
على الساحل رياح جنوبية غربية نشطة تشتد وتصير غربية فيما بعد. وفي الداخل رياح معتدلة شمالية شرقية تصير جنوبية غربية فيما بعد.
بعض السحب المنخفضة
تساقط أمطار في أماكن متفرقة في الشمال
تنخفض درجة الحرارة قليلاً

STATION	Mean of day: Humidity % on 24th	Diff. from normal	Wet bulb temp °C on 24th	Diff. from normal
Alexandria	67	+2	16.7	+1.9
Ezbekiya	65	-4	15.1	-0.1
Giza	71	-4	14.3	-0.5
Helwân	59	+1	14.3	+1.3

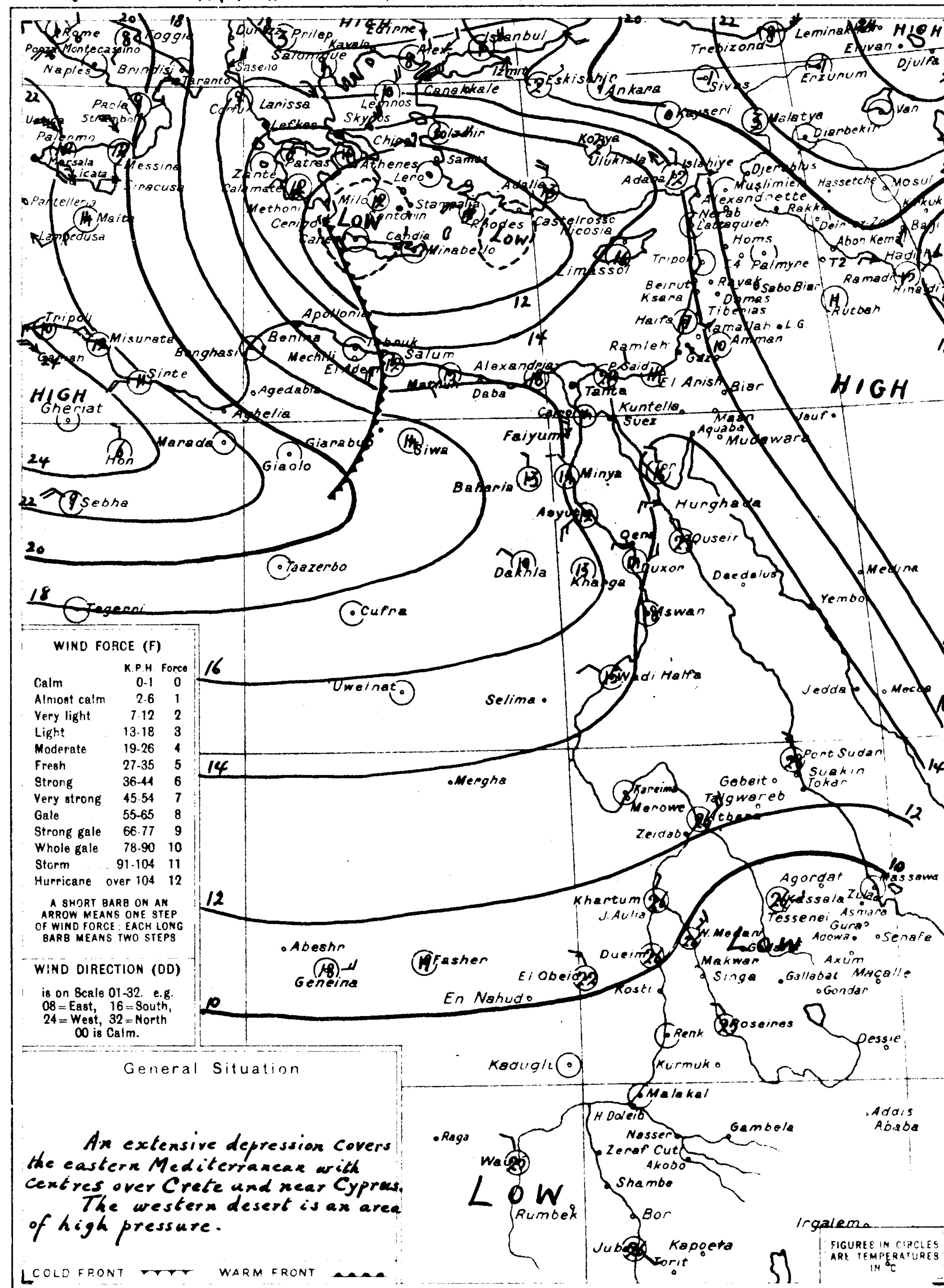
Gîza Grass minimum on 25th 8.0 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1939	1938
24-11	1969	1157
23-11	1968	1157

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-11	13.40	-0.20	13.39	-0.21
Nasser	24-11	10.29	+0.07	10.33	+0.07
Malakâ.	25-11	12.26	-0.03	12.26	-0.03
Roseires	25-11	14.13	+0.50	14.20	+0.54
Sennâr Res	24-11	20.12	—	20.06	—
J. Aulia U.S	24-11	375.65	—	375.65	—
J. Aulia D.S	24-11	372.23	-0.30	372.27	-0.28
Khartûm	24-11	11.86	-0.12	11.93	-0.09
Kh. el Girba					
'Atbara	24-11	11.30	-0.03	11.32	-0.05
Kajnarti	24-11	135.34	-0.24	135.43	-0.22
Aswân Res	24-11	120.59	—	120.54	—
Aswân D.S.	24-11	87.26	+0.68	87.26	+0.68
Rôda (Cairo)	24-11	16.18	-0.49	16.20	-0.51

١٩٣٩-١١-٢٥ Isobars, Wind and Temperature at 8 h. 25-11-1939



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

An extensive depression covers the eastern Mediterranean with centres over Crete and near Cyprus. The western desert is an area of high pressure.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000

At 8 h. on 25th — الساعة ٨ يوم ٢٥

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	00	7	00	0	0	0	—	14.6	-2.5	16	—	—	—	—	—	0	84	76
Haifa	02	—	10	2	—	4	—	16.0	-0.1	17.0	23	-1	13	0	74	4	35	88

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 06 h 29 m
" " Sunset 16 h 56 m

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

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

DAILY WEATHER REPORT

STATION	14h 25th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h SUNDAY 26th ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs 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																													
SALŪM	01	7	26	6	3	3	Cu	12.7	18.9	50	21	7	28	4	5	4	Cb	18.2	-0.2	12.0	19	—	10	—	91	tr	30	—	130
MATRUH	30	3	22	5	3	0	—	11.9	21.8	70	03	7	30	6	2	8	Cb	16.0	-2.0	19.0	25	+3	14	+1	91	tr	31	34	131
DIKHEILA	01	8	24	3	1	4	Ac	13.6	24.0	46	14	7	30	7	8	5	Cb	13.9	—	20.0	24	—	15	—	85	4	13	—	150
ALEXANDRIA	02	9	20	3	2	4	Ac	12.7	23.2	43	03	9	32	7	2	6	Cb	13.4	-4.9	19.5	24	+1	16	0	70	2	6	34	132
DAMIETTA											21	8	20	2	6	3	Cu	12.0	—	15.7	24	—	13	—	89	2	19	20	159
PORT SAID	00	8	04	2	1	0	—	12.7	21.8	58	01	8	28	5	2	3	Cu	12.8	-4.0	18.0	26	+3	16	+1	80	tr	4	13	134
EL 'ARISH	01	9	28	1	1	3	Cu	12.7	20.8	66	02	8	20	3	1	4	Cu	12.2	—	15.7	25	—	13	—	69	0	17	14	135
LOWER EGYPT																													
DAMANHUR											50	7	28	2	5	8	As	13.5	-4.8	17.2	23	-2	14	+2	85	dr	tr	15	136
MANSURA											01	8	28	2	1	3	Sc	12.8	—	15.4	24	-1	13	0	88	0	10	9	137
TANTA	01	8	24	3	1	3	Cu	12.3	23.5	49	00	8	00	0	0	0	—	13.5	-5.0	17.5	25	+1	12	0	85	0	1	7	138
ZAGAZIG	02	9	20	1	1	4	Cu	12.8	24.9	49	03	7	26	2	1	8	Sc	13.5	—	15.8	26	+1	11	0	85	0	dr	6	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	8	04	1	0	2	Cu	13.3	22.1	57	02	7	16	3	1	5	Ns	14.7	—	15.5	24	—	13	—	68	0	3	—	141
EZBEKIYA	00	7	00	0	0	1	Cu	12.4	23.2	46	02	6	16	3	1	4	Cs	15.1	-3.2	13.8	25	+1	13	+1	69	0	1	4	—
GIZA	00	7	00	0	0	1	Cu	12.3	23.2	42	13	7	14	5	2	6	Cb	14.8	-3.9	13.6	24	0	12	+1	72	0	1	6	—
HELWAN	01	7	26	1	0	3	Cu	11.8	21.9	43	03	6	14	2	2	7	Cb	15.0	-3.2	12.9	23	0	11	-1	60	0	7	4	143
SUEZ	00	9	00	0	0	1	Cu	11.9	22.7	48	01	8	10	2	0	3	As	13.9	-3.4	17.5	25	0	14	0	65	0	44	5	144
UPPER EGYPT																													
FAIYUM	01	8	32	2	0	2	Cu	12.7	24.1	46	02	7	16	1	0	4	Cu	15.6	-2.7	15.4	26	+1	10	-1	64	0	3	0	153
MINYA	01	6	02	2	1	3	Cs	12.7	22.5	51	01	6	32	2	0	2	Ci	16.3	-2.2	13.9	23	-1	11	0	61	0	tr	—	154
ASYUT	02	7	22	3	1	4	As	12.7	23.2	50	00	6	22	3	0	0	—	15.5	-2.9	14.0	24	0	9	-2	67	0	3	2	155
QENA	02	8	26	1	2	5	Ac	11.6	24.4	46	00	8	26	1	0	0	—	15.4	-1.8	16.7	26	-2	12	0	52	0	1	—	156
LUXOR	02	9	32	1	1	4	Ci	11.4	27.3	35	00	9	02	1	0	0	—	16.0	—	14.5	30	—	10	—	73	0	9	—	157
ASWAN	02	7	30	2	1	4	Cs	9.9	29.1	34	00	7	32	1	0	0	—	15.5	-1.4	17.0	30	+1	15	+1	54	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	28	1	0	0	—	17.9	21.0	56	00	8	00	0	0	0	—	21.6	+2.7	13.0	22	-2	—	—	81	0	1	1	148
BAHARIYA	00	9	32	1	0	0	—	15.2	22.0	50	00	9	24	1	0	0	—	17.5	—	12.5	23	—	10	—	86	0	0	—	149
KHARGA	02	7	32	2	1	5	Ci	13.4	22.5	37	00	8	32	2	0	0	—	18.0	+0.4	16.4	24	-4	12	+2	46	0	0	tr	151
DAKHLA	02	7	30	3	0	4	Ci	14.6	22.6	47	00	7	28	2	0	0	—	18.7	-0.2	11.0	25	-2	9	-1	70	0	0	—	152
RED SEA																													
TOR	00	7	28	3	0	1	Cc	10.2	24.5	61	00	6	32	3	0	0	—	14.0	-2.7	19.6	25	0	14	+1	67	0	20	4	145
HURGHADA	01	9	06	2	1	2	Cu	10.6	24.3	54	00	9	28	3	0	0	—	15.0	-1.8	20.0	25	-1	15	+1	37	0	43	—	146
QUSEIR	02	7	04	1	1	4	Ac	11.0	24.4	60	00	7	26	2	0	0	—	13.5	-2.7	22.4	26	-1	17	-1	33	0	2	3	147
PORT SUDAN											00	—	12	1	1	0	—	11.8	-2.5	29.1	31	+1	25	+2	71	0	32	52	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	3	0	1	Ac	16.4	-0.9	16.2	31	+2	13	+1	42	—	—	—	165
KAREIMA											01	8	30	2	0	3	Ci	14.0	-1.1	20.3	35	+1	17	+1	34	0	dr	1	166
'ATBARA											00	—	32	6	0	0	—	11.5	-1.7	25.8	35	+1	21	+3	32	0	1	1	167
KHARTŪM											01	8	30	2	0	3	Ci	10.9	-1.5	24.5	39	+4	21	+2	36	0	24	5	168
KASSALA											00	8	04	2	0	0	—	9.4	-1.6	25.0	37	+1	19	-1	62	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	30	3	0	0	—	10.4	-1.5	23.9	37	+1	15	-4	33	0	44	13	171
DUEIM											00	—	—	—	0	0	—	11.1	-0.7	25.4	38	+2	22	+4	34	0	17	12	173
RENK																												—	182
ROSEIRES											00	—	18	1	0	0	—	10.4	-0.2	24.3	39	+2	16	-1	43	0	72	36	172
EL OBEID											01	8	30	2	1	4	Ci	11.2	-2.5	21.3	35	+2	17	+3	36	0	20	19	174
EL FASHER											01	8	00	0	0	3	Ci	—	—	19.7	35	+2	14	+2	34	0	4	8	175
GENEINA											01	8	04	5	1	4	Ci, Ac	—	—	19.8	36	—	15	—	27	0	19	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											03	8	04	4	1	6	Cs	8.5	-2.4	27.1	38	+2	18	0	28	0	75	91	176
WAU											02	—	28	1	0	4	—	8.5	-2.1	23.5	37	+1	18	-1	60	0	186	143	177
JUBA																												126	178

UPPER WINDS ON 26th الرياح العليا يوم ٢٦

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

SALŪM 7 h	MATRŪH 7 h	DIKHEILA	P. SAID 8 h	HELWAN 8 h 30 m	ASYŪT 7 h	ASWAN 7 h	WADI HALFA 5 h	KAREIMA 5 h	KHARTŪM 7 h	KASSALA 7 h	EL OBEID 6 h	MALAKAL 6 h	EL FASHER 6 h	GENEINA 7 h
02.32.20	02.33.20		02.29.25	02.19.15	02.31.35	02.01.10	03.03.25	06.03.55	06.36.25	06.11.15	07.01.40	06.03.45	09.01.20	10.03.45
05.33 —	05.33.50		05.32.30	05.24.10	05.31.40	05.36.30	06.02.55	10.34.15	10.01.25	10.09.10	10.03.35	10.03.55	10.02.25	15.02.15
10.33.35	10.34.55		08.32.30	08.33.30	10.33.55	10.02.40	10.01.50	15.01.20	15.33.10	15.06.10	15.02.25	15.03.45	15.04.20	20.36.10
15.34.45	15.33.70			Ent. Cu.			15.36.25	20.03.10	20.23.15	20.06.10	20.23.15	20.05.35	20.02.15	30.24.05
17.34.45							20.32.20	30.25.20	25.25.30	30.05.05	29.31.05	25.06.20	30.20.05	34.25.05
Ent. cb							30.26.25	36.26.10	30.26.35	34.17.05		30.05.15	40.22.15	
							39.25.30		40.20.20			40.17.20	45.18.35	
									50.19.20			48.12.40		
									57.30.05					

Forecast for 24 hours from noon on 26th

On the coast strong northwest winds, at times of gale force, moderating somewhat tomorrow. Inland moderate southwest winds, veering to fresh west and northwest.
Much low cloud. Rain near the coast.
Scattered showers inland.
Remaining cool and unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦
على الساحل رياح شمالية غربية شديدة تصل قوتها الى العاصفة احيانا وتكون تعتدل نوعا باكر
وفي الداخل رياح معتدلة جنوبية غربية ثم تصير غربية الى شمالية غربية وكثيرة نوعا. يكثر السحاب المنخفض. يشاهد مطر بالقرب من الساحل وكذلك في جهات متفرقة في الداخل
يستمر الطقس باردا الى البرودة ومضطربا

STATION	Mean of day Humidity % on 25th	Diff. from normal	Wet bulb temp °C on 25th	Diff. from normal
Alexandria	45	-20	16.1	+0.4
Ezbekiya	61	-8	14.1	-1.0
Giza	74	-1	13.1	-1.5
Helwān	64	+6	13.2	+0.3

Giza Grass minimum on 26th 8.9 °C

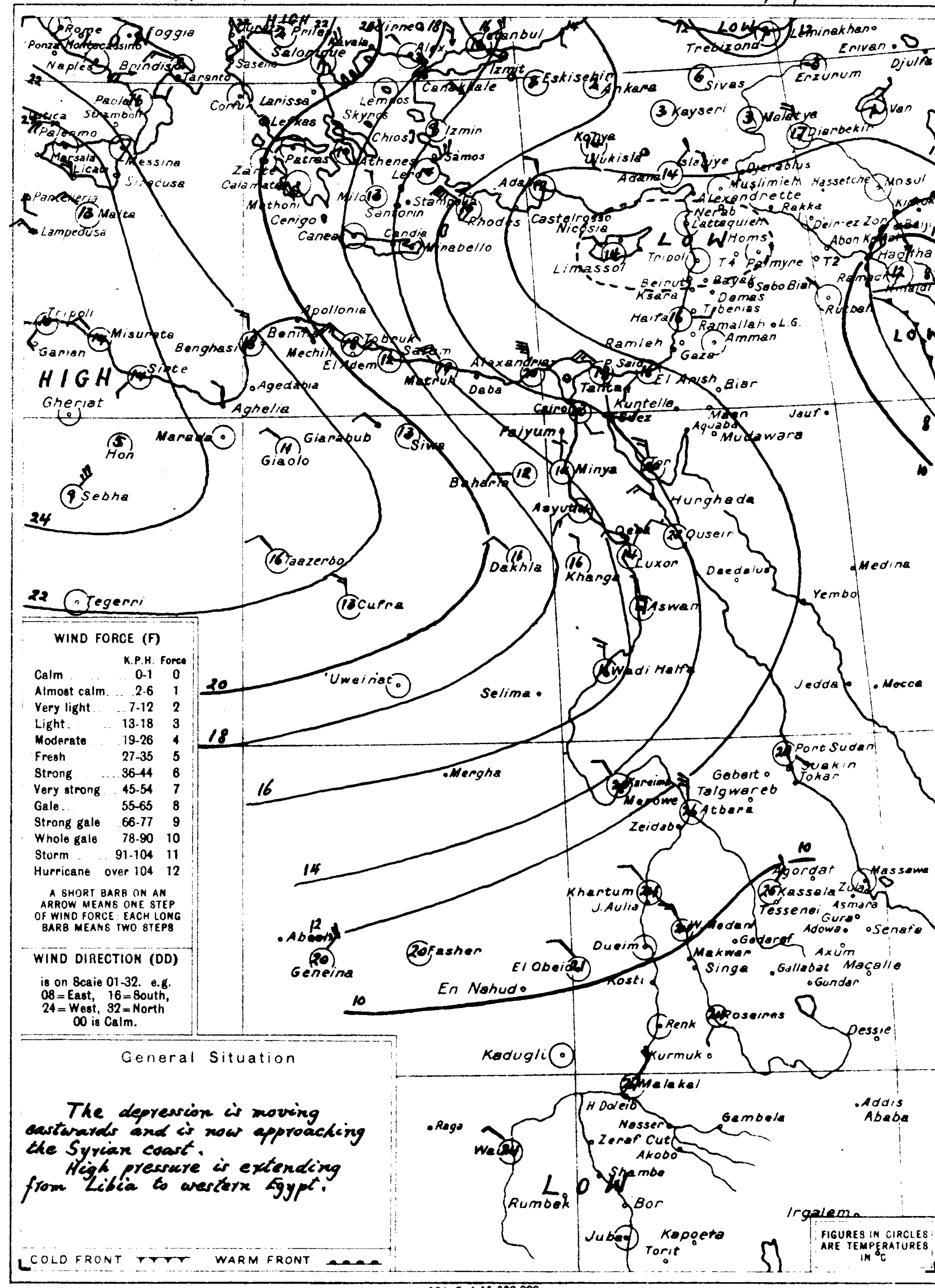
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
26-11	1968	1250
25-11	1969	1157

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	25-11	13.41	-0.18	13.40	-0.20
Nāsser	25-11	10.25	+0.07	10.29	+0.07
Malakal	26-11	12.25	-0.04	12.26	-0.03
Roseires	26-11	14.08	+0.50	14.13	+0.50
Sennār Res	25-11	20.21	—	20.12	—
J. Aulia U.S	25-11	375.70	—	375.65	—
J. Aulia D S	25-11	372.19	-0.32	372.23	-0.30
Khartūm	26-11	11.82	-0.12	11.86	-0.12
Kh. el Girba*	—	—	—	—	—
'Atbara	25-11	11.27	-0.03	11.36	-0.03
Kajnarti	25-11	135.26	-0.26	135.34	-0.24
Aswān Res	26-11	120.65	—	120.64	—
Aswān D S	26-11	87.26	+0.68	87.26	+0.68
Rōda (Cairo)	26-11	16.18	-0.41	16.15	-0.42

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

١٩٣٩ - ١١ - ٢٦ Isobars, Wind and Temperature at 8 h. 26 - 11 - 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 moving eastwards and is now approaching the Syrian coast.
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 200 100 0 200 400 600 Kms

STATION	At 8h. on 26th ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs 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
LIMASSOL	01	7	28	2	5	2	—	10.7	-6.4	14	—	—	—	—	—	8	89	78
HAIFA	01	—	08	2	—	3	—	11.2	-4.9	16.0	25	+1	13	0	80	3	38	91
SHIPS																		

Remarks

Telegrams from Khashm el Girba stopped after November 10, 1939.

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 30 m
" " Sunset 16 h 56 m

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

DAILY WEATHER REPORT

Month NOVEMBER 1939 — ١٩٣٩ شهر نوفمبر

STATION	14h 26th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Mon 27th ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb TTT	Max Yesterday	Diff from norm	Min Today	Diff from norm	% Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
SALUM	03	7	30	5	5	6	cb	18.2	18.6	60	21	7	28	3	5	5	cb	20.3	+2.0	13.4	19	—	12	—	83	dr	30	—	130
MATRUH	03	7	28	6	2	8	cb	15.8	19.5	96	02	8	28	5	1	4	cb	17.8	-0.2	19.0	20	-2	16	+3	76	dr	31	35	131
DIKHEILA	02	8	28	6	5	5	Cu	15.2	20.0	81	21	8	28	6	5	7	cb	16.8	—	18.8	20	—	16	—	78	tr	13	—	150
ALEXANDRIA	03	9	28	6	6	6	cb	14.2	21.4	53	03	9	32	7	5	6	cb	16.2	-2.1	18.0	22	-1	17	+2	59	tr	6	35	132
DAMIETTA											21	8	30	3	5	5	Sc	14.4	—	18.0	21	—	13	—	58	dr	19	21	159
PORT SAID	02	8	28	5	5	4	Cu	12.6	21.6	65	03	5	24	5	3	6	cb	14.6	-2.3	17.6	24	+1	15	0	78	9	13	13	134
EL ARISH	02	9	22	2	5	4	Cu	11.6	21.5	66	60	6	16	1	8	8	Cb	12.3	—	18.5	22	—	13	—	51	9	26	14	135
DAMANHUR											03	7	02	2	5	7	Sc	16.4	-1.9	16.3	22	-2	14	+2	80	tr	tr	15	136
MANSURA											01	5	20	2	1	4	Sc	15.4	—	15.5	23	-2	13	0	89	1	11	9	137
TANTA	02	8	28	3	1	5	Cu	13.4	21.0	61	02	7	24	2	2	5	Cu	16.3	-2.2	17.0	23	-1	12	0	90	tr	1	7	138
ZAGAZIG	02	8	30	3	1	4	Cu	13.1	22.9	55	03	6	20	3	5	7	Cu	15.9	—	17.8	24	0	12	+1	81	dr	dr	6	139
CAIRO ALMAZA	02	7	22	3	5	5	cb	14.6	21.0	65	21	7	22	2	6	5	cb	17.1	—	15.8	21	—	14	—	81	1	4	—	141
CAIRO EZBEKIYA	20	8	16	1	5	6	cb	13.6	20.6	67	03	6	20	1	5	6	Sc	17.0	-1.4	16.0	21	-2	13	+1	76	tr	1	4	
CAIRO GIZA	20	8	16	1	5	6	cb	13.9	21.0	79	03	7	24	3	5	7	Sc	16.8	-2.0	15.1	21	-3	10	0	82	tr	1	6	
HELWAN	50	7	24	2	1	6	cb	14.3	16.9	83	09	6	00	0	2	8	cb	17.2	-1.1	14.1	21	-2	12	0	88	tr	7	4	143
SUEZ	21	8	28	2	5	5	cb	12.8	20.1	59	02	7	28	1	1	5	Sc	14.0	-3.3	17.8	22	-2	14	0	61	dr	44	5	144
FAIYUM	02	8	30	2	5	4	cb	13.8	21.6	58	02	7	22	2	0	5	Cu	17.9	-0.5	15.0	24	-1	12	+1	68	0	3	0	153
MINYA	02	6	30	2	1	5	cb	14.7	21.2	56	03	5	32	1	2	6	Sc	18.8	+0.2	14.9	22	-2	13	+2	69	0	tr	—	154
ASYUT	02	8	30	3	1	4	Cu	14.7	20.4	59	01	6	26	3	1	3	Cu	18.7	+0.2	15.2	23	-1	11	0	72	0	3	2	155
QENA	00	8	22	2	0	0	—	13.4	22.9	39	00	8	26	1	0	0	—	17.2	-0.1	15.3	25	-3	12	0	77	0	1	—	156
LUXOR	00	9	26	3	0	0	—	13.9	23.2	41	00	9	14	1	0	0	—	—	—	17.0	24	—	12	—	65	0	9	—	157
ASWAN	00	7	30	4	0	0	—	12.8	23.8	23	00	7	30	1	0	0	—	17.9	+0.9	15.5	24	-5	13	-1	63	0	dr	—	158
SIWA	01	8	28	1	1	4	Cu	20.7	21.0	68	00	8	00	0	0	0	—	21.5	+2.6	15.0	22	-2	—	—	68	0	1	1	147
BAHARIYA	02	9	30	1	1	4	St	16.8	20.2	62	02	9	24	1	1	4	St	19.0	—	13.2	23	—	10	—	81	0	0	—	149
KHARGA	00	8	32	3	0	0	—	14.7	25.4	31	00	8	28	1	0	0	—	19.4	+1.8	16.3	25	-2	13	+3	48	0	0	tr	151
DAKHLA	01	8	32	4	0	4	Sc	17.1	20.3	55																		—	152
TOR	00	6	28	6	0	1	Sc	11.8	22.0	74	01	5	32	4	0	3	Ns	15.2	-1.6	19.9	26	+1	18	+5	69	0	20	4	145
HURGHADA	00	9	30	3	0	0	—	11.6	24.1	54	00	9	26	3	0	0	—	15.5	-1.3	19.5	24	-2	15	+1	60	0	43	—	146
QUSEIR	00	7	02	2	0	0	—	12.2	24.0	39	01	7	24	2	0	2	—	15.4	-0.9	21.4	25	-2	17	-1	42	0	2	3	147
PORT SUDAN	02	—	04	2	1		—	9	31	65	03	—	32	4	1	7	—	13.4	-1.0	26.2	32	+2	24	+1	75	1	33	54	169
WADI HALFA											00	8	32	4	0	0	—	19.2	+1.8	15.3	26	-3	11	-1	50	—	—	—	165
KAREIMA											00	8	04	4	0	0	—	18.8	+3.6	18.0	32	-1	14	-2	38	0	dr	1	166
ATBARA	01	—	28	3	0	4	—	7	—	25	30	—	32	7	0	9	—	14.2	+1.0	21.3	35	+2	18	0	36	0	1	1	167
KHARTUM											00	8	30	3	0	0	—	14.7	+2.2	21.5	37	+2	18	-1	36	0	24	5	168
KASSALA	00	8	00	0	3	0	—	—	—	27	00	8	32	1	0	0	—	10.8	-0.3	24.8	37	+1	17	-3	42	0	7	11	170
WAD MEDANI	01	—	30	4	0	4	—	6	35	10	00	—	02	5	0	0	—	12.8	+0.8	23.5	36	0	15	-3	23	0	44	13	171
DUEIM	01	—	—	—	0	4	—	7	35	10	00	—	—	—	0	0	—	14.2	+2.3	23.0	36	0	19	+1	39	0	17	12	173
RENK																												—	182
ROSEIRES	01	—	26	1	0	4	—	6	38	25	00	—	02	1	0	0	—	12.3	+1.6	24.2	39	+2	17	0	36	0	72	36	172
EL OBEID	01	9	04	2	0	3	—	4.3	33	34	12	7	30	4	0	0	—	14.1	+0.3	18.6	33	0	15	+1	32	0	20	19	174
EL FASHER	01	8	04	3	1	4	—	—	34	10	00	8	04	1	0	0	—	—	—	17.4	35	+2	12	+1	36	0	4	8	175
GENEINA											00	8	04	5	1	0	—	—	—	17.8	37	—	15	—	30	0	19	—	179
KADUGLI																												—	187
MALAKAL											03	8	02	4	1	8	Cs	10.2	-0.7	25.1	38	+2	18	0	26	0	75	91	176
WAU	02	—	04	3	0	5	—	3	37	10	02	—	32	2	0	4	—	10.0	-0.6	23.0	38	+2	19	0	63	0	186	143	177
JUBA											03	8	30	2	1	6	Cs,Ac	9.9	-0.5	26.0	38	+2	20	0	70	0	211	127	178

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

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

SALUM 7h	MATRUH 7h	DIKHEILA	P. SAID 9h	HELWAN 9h	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 5h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA 6h	EL FASHER 6h
02.32.20	02.34.30		02.30.40	02.28.10	02.30.25	02.34.15	03.01.25	06.36.45	06.35.40	06.06.10	07.36.30	06.01.45	06.26.45	09.02.30
05.32 —	05.33.30		05.30.55	05.29.10	05.32.40	05.35.50	06.32.45	10.02.35	10.35.30	10.11.20	10.01.45	10.03.50	10.16.40	10.03.40
10.33.40	10.32.60		10.31.55	08.30.30	10.33.60	10.35.60	10.01.50	15.02.30	15.34.15	15.65.10	15.35.15	15.03.35	15.15.45	15.05.95
15.33.40	15.32.20			10.31.30	15.33.55	15.35.45	11.02.50	20.09.20	20.25.25	20.35.10	20.23.05	20.06.30	20.13.30	20.09.75
17.33.50				13.31.35				25.05.20	25.27.40	30.32.30	24.34.05	25.06.25	30.16.40	30.12.95
Ent. cb									30.26.35	40.31.30		30.05.20	40.18.25	33.13.95
									31.25.45	49.35.25		40.14.20	50.18.25	
												50.11.40		
												56.08.35		

Forecast for 24 hours from noon on 27th

Northwest winds, on the coast strong but moderating later; inland moderate to fresh.
Much low cloud at times.
Further scattered showers.
Remaining cool
Conditions improving tomorrow

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٧
رياح شمالية غربية تكون شديدة ولكنها تعتدل فيما بعد على
الساحل وتكون بين المعتدلة والشديدة نوعاً في الداخل
يكثر السحاب المنخفض أحياناً
تساقط مطر آخر في جهات متفرقة
يستمر الطقس مائلاً للبرودة ويتحسن غداً؟

STATION	Mean of day Humidity on 26th	Diff. from normal	Wet bulb temp °C on 26th	Diff. from normal
Alexandria	56	-9	15.2	+0.6
Ezbekiya	65	-5	14.2	-0.8
Giza	70	-5	14.3	-0.2
Helwan	61	+3	12.9	+0.1

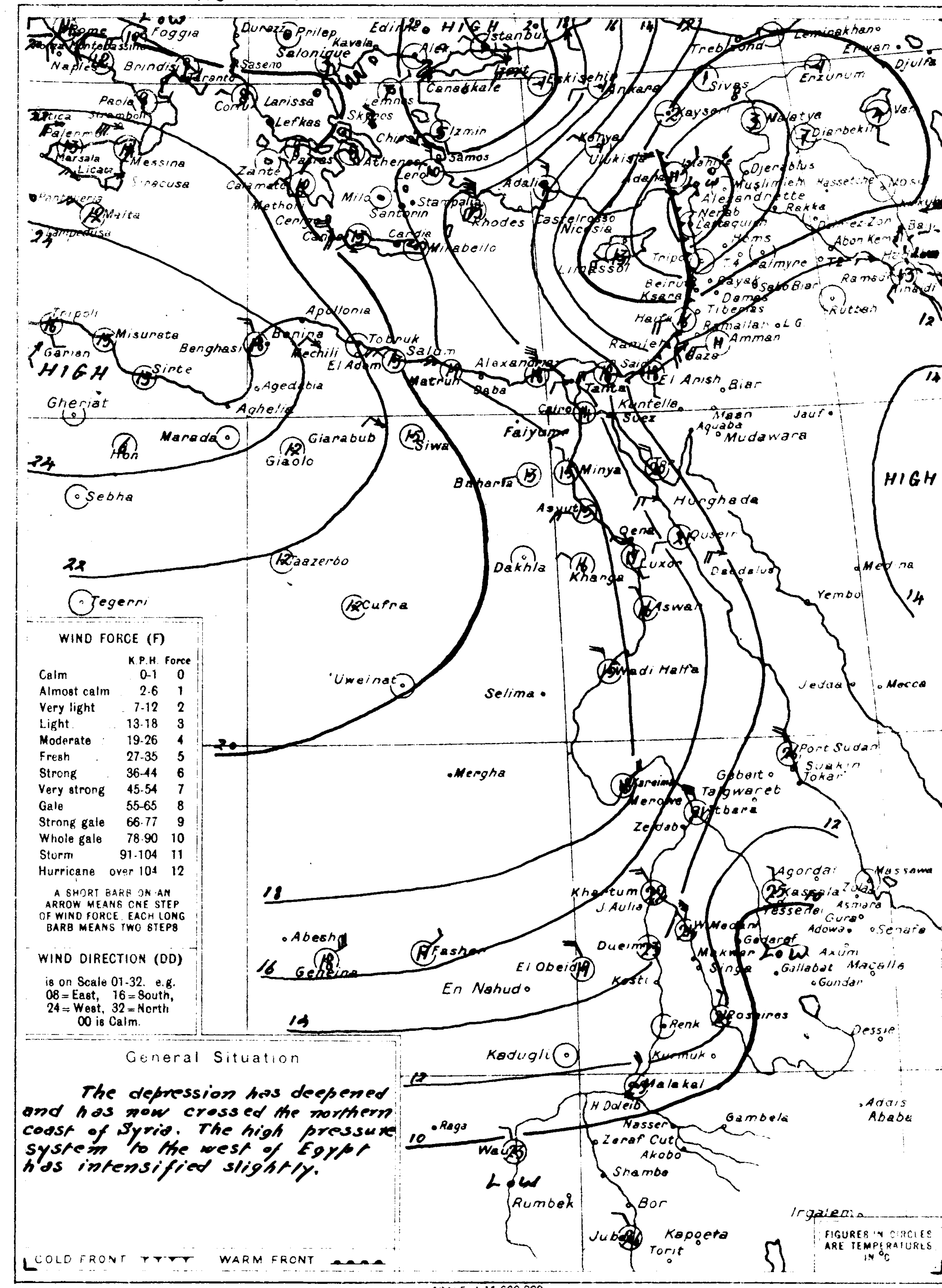
Giza Grass minimum 27th 8.1 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
27-11	1968	1343
26-11	1968	1250

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	26-11	13.39	-0.20	13.41	-0.18
Nasser	26-11	10.27	+0.07	10.25	+0.07
Malakal	27-11	12.25	-0.04	12.25	-0.04
Roseires	27-11	14.02	+0.47	14.08	+0.50
Sennar Res	26-11	20.32	—	20.21	—
J. Aulia U.S	26-11	375.67	—	375.70	—
J. Aulia D.S	26-11	372.18	-0.31	372.19	-0.32
Khartum	26-11	11.78	-0.12	11.82	-0.12
Khashm el Girba	—	—	—	—	—
Atbara	26-11	11.22	-0.06	11.27	-0.03
Kajnarti	26-11	135.18	-0.27	135.26	-0.26
Aswan Res	27-11	120.66	—	120.65	—
Aswan D.S	27-11	87.25	+0.67	87.26	+0.68
Roda (Cairo)	27-11	16.20	-0.35	16.18	-0.41

Isobars, Wind and Temperature at 8 h. 27-11-1939 — ١٩٣٩-١١-٢٧



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 deepened and has now crossed the northern coast of Syria. The high pressure system to the west of Egypt has intensified slightly.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

STATION	At 8h on 27th 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	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	02	6	22	3	5	4	—	8.0	-9.1	13	—	—	—	—	—	tr	89	80
Haifa	02	—	22	4	—	5	—	10.7	-5.5	16.0	23	-1	13	0	79	6	44	94
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 5541

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

CAIRO
Time of Sunrise h. 06 m. 31
" " Sunset h. 16 m. 55

Month NOVEMBER 1939 ١٩٣٩ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

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

At 14 h. on 27th

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	8	30	4	5	4	Cb	19.5	18.6	52
MATRUH	01	9	28	6	1	4	Cu	19.9	19.2	87
DIKHEILA	02	8	28	6	2	5	Cb	17.4	19.5	71
ALEXANDRIA	03	9	30	7	2	6	Cb	16.4	19.0	48
DAMIETTA										
PORT SAID	03	7	28	6	3	6	Cb	14.7	17.8	61
EL ARISH	50	9	28	4	8	5	Cb	13.5	18.0	56
DAMANHUR										
MANSURA										
TANTA	03	7	28	6	2	7	Ns	15.9	18.5	58
ZAGAZIG	02	9	28	4	0	4	Cu	16.2	20.4	48
CAIRO ALMAZA	02	8	28	4	8	5	Cu	16.8	19.1	63
CAIRO EZBEKIYA	21	7	30	4	6	5	Cu	16.6	20.3	51
CAIRO GIZA	21	7	30	4	6	5	Cu	16.6	19.9	50
HELWAN	02	8	28	5	5	5	Cb	16.2	18.5	56
SUEZ	02	7	28	3	2	5	Sc	13.4	20.6	49
FAIYUM	13	7	02	2	5	7	Cb	17.2	19.8	54
MINYA	02	6	28	4	1	5	Cb	17.4	22.3	42
ASYUT	02	8	22	4	1	5	Cb	17.1	20.9	42
QENA	01	8	26	2	1	4	Cu	15.6	22.5	41
LUXOR	02	8	30	3	1	5	Cu	16.4	21.5	52
ASWAN	00	7	28	3	0	0	—	15.5	23.0	38
SIWA	01	8	28	1	1	4	Cu	22.4	22.0	50
BAHARIYA	00	9	32	1	0	0	—	18.2	19.5	55
KHARGA	00	8	32	3	0	0	—	16.2	24.2	32
DAKHLA	00	8	32	4	0	0	—	19.8	20.0	46
TOR	01	6	28	6	2	3	Cu	14.3	22.0	43
HURGHADA	01	9	32	3	1	3	Cu	—	23.1	47
QUSEIR	00	7	32	2	0	0	—	14.3	23.8	76
PORT SUDAN										

At 8 h. on TUESDAY 28th

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	Dry Bulb °C	Maximum Yesterday °C	Diff. from normal	Minimum Today °C	Diff. from normal	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station No.
SALUM	01	7	30	4	0	3	Cu	20.8	+2.5	12.6	20		11		85	dr.	30	—	130
MATRUH	03	7	30	4	2	6	Cb	18.4	+0.4	19.1	20	-2	19	+6	91	5	36	36	131
DIKHEILA	01	8	30	5	1	4	Cb	19.1	—	19.0	20	-	18	—	72	dr.	13	—	150
ALEXANDRIA	02	9	32	5	2	4	Cu	18.4	+0.1	18.5	20	-3	17	+3	48	dr.	6	36	132
DAMIETTA	02	8	30	2	2	5	Sc	17.1	—	17.5	19		17		58	0	19	21	159
PORT SAID	02	8	28	3	3	5	Cu	17.5	+0.6	18.2	21	-1	15	0	71	dr.	13	14	134
EL ARISH	02	8	20	3	5	5	Cb	15.4	—	15.2	19		13		80	5	31	15	135
DAMANHUR	01	7	26	3	1	2	Cu	19.0	+0.7	14.2	20	-4	11	-1	78	0	tr.	16	136
MANSURA	02	3	20	2	2	5	Cb	18.2	—	12.9	21	-4	11	-1	81	dr.	11	9	137
TANTA	00	8	00	0	0	0	—	18.6	+0.1	15.0	20	-4	9	-2	84	0	1	8	138
ZAGAZIG	01	7	20	1	0	4	Cu	18.8	—	14.9	21	-3	9	-2	83	0	dr.	7	139
CAIRO ALMAZA	05	6	18	3	1	4	Sc	19.4	—	14.8	20	—	12	—	77	0	4	—	141
CAIRO EZBEKIYA	03	6	14	1	2	6	Sc	19.4	+1.0	14.5	21	-2	12	0	72	tr.	1	4	—
CAIRO GIZA	03	6	18	2	2	6	Sc	19.2	+0.3	14.7	20	-3	10	0	77	tr.	1	6	—
HELWAN	03	6	08	1	2	6	Sc	19.8	+1.5	14.0	20	-2	11	-1	68	dr.	7	4	143
SUEZ	01	7	00	0	1	4	Cu	—	—	16.0	23	-1	14	0	69	0	44	6	144
FAIYUM	03	6	00	0	2	6	Cb	20.0	+1.6	14.0	22	-3	11	0	78	4	7	0	153
MINYA	03	4	00	0	1	8	As	20.4	+1.8	12.8	23	0	10	-1	78	0	tr.	—	154
ASYUT	01	6	22	3	1	3	Ac	21.0	+2.4	14.0	23	-1	9	-1	67	0	3	2	155
QENA	00	8	26	1	0	0	—	19.6	+2.2	14.3	25	-3	11	0	81	0	1	—	156
LUXOR	00	9	26	1	0	0	—	20.0	—	15.0	23	—	10	—	76	0	9	—	157
ASWAN	02	7	00	0	1	5	Cu	19.2	+2.1	15.4	23	-6	13	-1	64	0	dr.	—	158
SIWA	00	8	00	0	0	0	—	22.8	+3.8	13.0	23	0	—	—	76	0	1	1	148
BAHARIYA	01	9	32	1	1	4	—	21.4	—	16.0	21	—	10	—	74	0	0	—	149
KHARGA	00	8	00	0	0	0	—	21.2	+3.5	14.9	24	-3	10	0	56	0	0	tr.	151
DAKHLA	00	7	24	1	0	0	—	22.3	+3.2	10.3	21	-5	8	-2	83	0	0	—	152
TOR	01	5	32	4	1	3	Ns	17.6	+0.7	19.0	23	-2	17	+5	43	0	20	5	145
HURGHADA	02	9	26	3	1	4	Cu	17.9	+1.0	18.8	24	-2	14	0	46	0	43	—	146
QUSEIR	01	7	26	2	1	4	Ac	16.3	0.0	20.8	25	-2	16	-2	42	0	2	4	147
PORT SUDAN	00	—	30	4	1	0	—	16.7	+2.3	26.0	31	+1	23	0	54	0	33	56	169
WADI HALFA	00	7	32	2	0	1	Ac	20.4	+2.9	14.0	24	-4	9	-3	48	—	—	—	165
KAREIMA	00	7	02	3	0	0	—	19.1	+3.8	18.2	27	+4	13	-3	36	0	dr.	1	166
ATBARA	30	—	32	7	0	9	—	16.0	+2.7	20.2	30	-3	16	-2	39	0	1	1	167
KHARTUM	00	8	30	3	0	0	—	15.6	+3.0	20.0	33	-2	16	-2	34	0	24	5	168
KASSALA	00	8	02	2	0	0	—	13.6	+2.4	20.3	36	0	15	-5	34	0	7	11	170
WAD MEDANI	00	—	02	5	0	0	—	15.1	+3.1	19.5	33	-3	11	-7	30	0	44	13	171
DUEIM	00	—	—	—	0	0	—	15.8	+3.8	20.4	32	-4	17	0	37	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	30	1	0	0	—	13.6	+2.8	21.8	37	0	15	-2	43	0	72	36	172
EL OBEID	00	8	30	1	0	0	—	16.1	+2.2	16.8	29	-4	12	-2	44	0	20	19	174
EL FASHER	00	8	02	3	0	0	—	—	—	15.5	30	-3	10	-1	42	0	4	8	175
GENEINA																		—	179
KADUGLI																		—	187
MALAKAL	01	8	04	6	0	3	Cs	12.8	+1.6	22.8	36	0	18	0	21	0	75	92	176
WAU	00	—	32	3	0	0	—	11.9	+1.3	21.0	36	0	18	-1	88	0	186	144	177
JUBA	01	8	00	0	1	4	Ci	9.7	-0.7	24.4	37	+1	19	-1	83	0	211	128	178

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

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	P.SAID 6 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 4 h.	KHARTUM 5 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKAL 5 h.	JUBA 4 h.	EL FASHER 6 h.
02.31.20	02.36.20		04.33.20	02.17.10	02.29.15	05.36.40	03.02.20	06.03.50	06.36.50	06.01.10	07.36.35	06.01.80	06.04.15	09.02.15
05.30.—	05.35.20		10.33.30	05.30.15	05.33.35	10.36.50	06.01.50	10.03.35	10.01.40	10.14.25	10.02.45	10.01.75	10.13.10	10.03.15
10.34.30			15.32.40	08.33.25	10.34.40	15.36.40	10.01.55	15.04.25	15.01.30	15.19.10	15.03.25	15.04.45	15.14.20	15.02.10
15.33.25			20.33.40	10.33.30	15.34.40		15.01.40	20.07.05	20.35.20	20.29.05	20.04.15	20.05.20	20.15.25	20.01.25
20.34.35				15.32.50	20.35.55		20.35.30		25.29.15	30.35.35	30.13.10	23.03.40		30.29.25
25.32.30				19.32.55			23.34.35		30.31.10	40.32.25				40.02.90
27.34.30				Ent. Cu.					40.28.15	43.35.20				47.12.95
									44.30.15					

Forecast for 24 hours from noon on 28th

On the coast moderate northwest winds; inland light to moderate southwest winds, veering to northwest.
Much low cloud at times, decreasing.
Possibly light showers near the coast.
Weather continuing to improve; temperature becoming normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٨
على الساحل رياح شمالية غربية معتدلة
وفي الداخل رياح بين الخفيفة والمعتدلة جنوبية غربية ثم تصير شمالية غربية
يكثر السحاب المنخفض أحيانا ثم يتضاءل
يحتمل تساقط مطر متقطع بالقرب من الساحل
يستمر الطقس آخذا في التحسن وتصل درجة الحرارة إلى معدلها

STATION	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	49	-16	13.2	-1.3
Ezbekiya	63	-7	13.8	-1.0
Giza	76	+1	13.3	-1.0
Helwan	69	+11	12.9	+0.2

Giza Grass minimum 28th 8.0 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
28-11	1968	1435
27-11	1968	1343

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-11	13.38	-0.20	13.39	-0.20
Nasser	27-11	10.15	+0.05	10.21	+0.07
Malakal	28-11	12.25	-0.03	12.25	-0.04
Roseires	28-11	13.96	+0.46	14.02	+0.47
Sennar Res.	27-11	20.42	—	20.32	—
J. Aulia U.S.	27-11	375.61	—	375.67	—
J. Aulia D.S.	27-11	372.20	-0.27	372.18	-0.31
Khartum	27-11	11.72	-0.16	11.78	-0.12
Kh. el Girba					
Atbara	27-11	11.16	-0.10	11.22	-0.06
Kajnarti	27-11	135.09	-0.31	135.18	-0.27
Aswan Res.	28-11	120.67	—	120.66	—
Aswan D.S.	28-11	87.25	+0.67	87.25	+0.67
Roda (Cairo)	27-11	16.20	-0.35	16.18	-0.41

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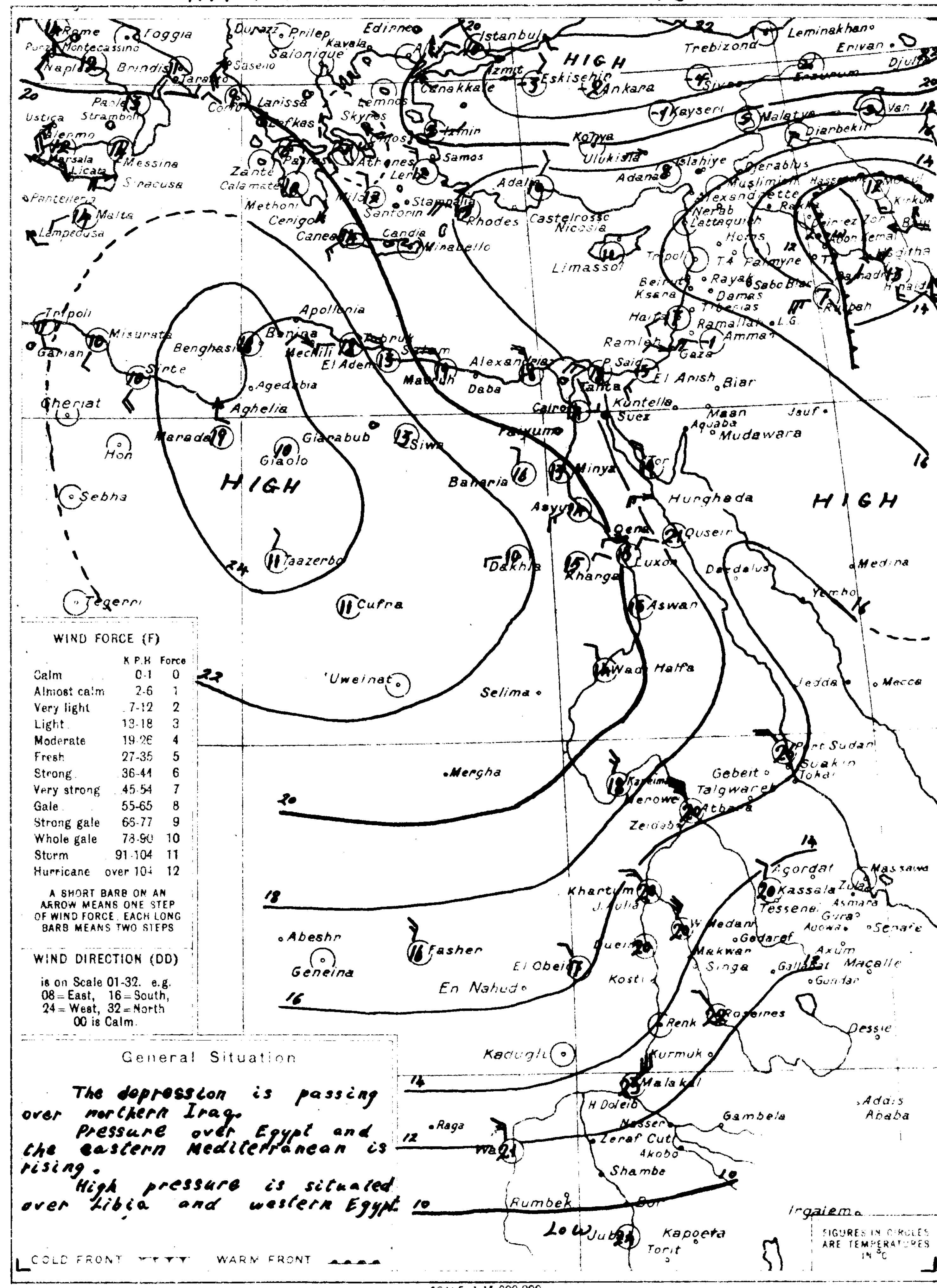
١٩٣٩-١١-٢٨ Isobars, Wind and Temperature at 8 h. 28-11-1939



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.
Pressure over Egypt and the eastern Mediterranean is rising.
High pressure is situated over Libia and western Egypt.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

At 8 h. on 28th — ٢٨

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C	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	00	7	00	0	0	0	—	16.2	-0.9	11	—	—	—	—	—	0	89	82
Haifa	02	—	22	2	—	4	—	15.9	-0.8	16.8	19	-4	14	+1	50	1	45	97
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 ... rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	83-84
" of Sleet	85-86
" of Hail	88-89
Thunderstorm	90-99
" ... Rain	91
" with ...	94-95
" with Duststorm	98
" heavy ...	99

PAST WEATHER (W)

Clear, slight cloud	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)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 6 h 31 m
" " Sunset 16 h 55 m

Month **NOVEMBER** 1939 ١٩٣٩ شهر نوفمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 28 — الساعة ١٤ يوم ٢٨

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	03	7	26	3	5	8	Cb	17.9	17.7	73
	MATRÛH	03	7	24	2	2	8	Cb	18.6	18.0	89
	DIKHEILA	01	8	28	4	1	4	Cu	18.8	19.4	78
	ALEXANDRIA	02	9	32	4	2	4	Cu	18.2	20.0	47
	DAMIETTA										
	PORT SAÏD	01	8	28	3	2	3	Cu	17.1	20.8	54
	EL 'ARISH	02	9	28	3	5	4	Cb	17.9	19.8	47
Lower Egypt	DAMANHÛR										
	MANSÛRA										
	TANTA	02	7	28	4	2	5	Cu	17.2	20.0	55
	ZAGÂZIG	02	7	26	1	0	4	Cu	17.9	21.4	57
Middle Egypt	Cairo: ALMAZA	02	8	26	3	1	5	Sc	18.2	20.7	54
	Cairo: EZBEKIYA	02	8	26	2	1	4	Cu	17.8	22.2	42
	Cairo: GIZA	02	8	32	2	1	4	Cu	17.8	21.0	44
	HELWAN	02	7	28	2	2	4	Sc	18.0	19.9	47
	SUEZ	03	7	28	2	2	6	Sc	17.5	20.2	40
Upper Egypt	FAIYUM	03	7	00	0	5	6	Cb	18.2	20.3	62
	MINYA	03	6	32	1	2	7	Sc	18.6	20.3	55
	ASYUT	02	7	26	3	1	5	Cu	18.0	21.2	49
	QENA	00	8	28	2	0	0	—	16.4	22.9	38
	LUXOR	00	9	30	3	0	0	—	17.1	23.0	39
	ASWAN	01	7	30	3	1	3	Cu	16.2	22.0	37
Western Desert	SIWA	00	8	28	1	0	0	—	22.4	22.0	64
	BAHARIYA	03	9	32	1	2	8	—	18.7	18.9	75
	KHARGA	00	8	04	2	0	0	—	17.8	23.1	39
	DAKHLA	01	8	32	4	0	4	Cu	19.6	21.3	55
Red Sea	TOR	00	—	28	5	1	0	—	15.9	22.0	50
	HURGHADA	00	9	30	4	0	1	Cu	15.8	22.5	36
	QUSEIR	00	7	32	2	0	1	Ac	16.6	22.4	43
	PORT SUDAN	02	—	02	3	0	5	—	14	27	75
North Sudan	WADI HALFA										
	KAREIMA										
	ATBARA	01	—	28	3	0	4	—	11	29	35
	KHARTÛM										
	KASSALA										
Central Sudan	WAD MEDANI	01	—	02	3	0	4	—	10	29	25
	DUEIM	02	—	—	—	0	5	—	—	29	25
	RENK										
	ROSEIRES	01	—	32	1	0	4	—	8	31	35
	EL OBEID										
	EL FASHER										
	GENEINA	00	8	32	5	0	1	—	—	—	—
	KADUGLI	00	9	04	6	0	0	—	8.3	32	21
S. Sudan	MALAKÀL										
	WÂU	01	—	32	4	0	4	—	8	34	10
	JÛBA										

At 8 h. on WEDNESDAY 29th — الساعة ٨ يوم الاربعاء ٢٩

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	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
SALÛM	02	7	30	2	2	5	Sc	21.9	+3.6	15.6	20	—	12	—	70	dr	30	—	130
MATRÛH	01	8	28	2	1	4	Cb	21.6	+3.5	16.0	20	-2	14	+2	90	1	37	36	131
DIKHEILA	01	8	18	2	1	3	Ac	21.8	—	17.4	20	—	16	—	68	0	13	—	150
ALEXANDRIA	01	9	00	0	2	3	Cu	21.1	+2.7	18.8	22	-1	16	+2	66	0	6	37	132
DAMIETTA	00	7	18	1	2	0	—	21.0	—	17.3	20	—	13	—	70	0	19	22	159
PORT SAÏD	02	6	28	2	1	4	Cu	21.1	+4.1	17.2	22	0	15	0	82	0	13	14	134
EL 'ARISH	01	9	16	1	1	3	Cu	22.4	—	13.8	20	—	11	—	80	dr	31	15	135
DAMANHÛR	00	7	22	2	0	0	—	22.0	+3.7	13.7	22	-2	11	-1	83	0	tr	16	136
MANSÛRA	00	8	24	1	0	0	—	21.5	—	14.2	21	-3	11	-1	82	0	11	10	137
TANTA	00	8	00	0	0	0	—	21.9	+3.4	15.0	22	-2	9	-2	84	0	1	8	138
ZAGÂZIG	00	7	20	2	0	0	—	21.9	—	15.8	24	0	10	-1	78	0	dr	7	139
ALMAZA	05	6	00	0	0	1	St	21.6	—	15.0	21	—	11	—	73	0	4	—	141
EZBEKIYA	00	5	24	2	0	0	—	22.0	+3.5	13.8	24	+1	11	-1	77	0	1	4	—
GIZA	08	4	00	0	4	0	—	22.2	+3.3	11.6	22	-1	7	-3	88	0	1	6	—
HELWAN	09	5	32	1	0	0	—	22.6	+4.3	12.0	20	-2	10	-2	82	0	7	4	143
SUEZ	00	8	32	1	0	0	—	21.6	+4.1	15.0	22	-2	10	-4	78	0	44	6	144
FAIYUM	00	7	00	0	0	0	—	22.8	+4.3	14.0	23	-2	9	-2	75	dr	7	0	153
MINYA	00	6	32	1	0	0	—	21.6	+2.9	13.5	21	-2	10	-1	83	0	tr	—	154
ASYUT	00	6	22	3	0	0	—	21.2	+2.5	14.3	22	-2	10	0	75	0	3	2	155
QENA	00	7	28	1	0	0	—	20.4	+2.9	14.0	24	-3	10	-1	78	0	1	—	156
LUXOR	00	9	08	1	0	0	—	21.0	—	14.5	23	—	9	—	76	0	9	—	157
ASWAN	00	7	32	1	0	0	—	20.0	+2.8	15.4	23	-5	12	-2	66	0	dr	—	158
SIWA	00	8	00	0	0	0	—	25.4	+6.4	15.0	22	-1	—	—	68	0	1	1	148
BAHARIYA	02	9	24	1	1	5	Ac	23.0	—	16.5	22	—	8	—	86	0	0	—	149
KHARGA	00	8	32	1	0	0	—	21.1	+3.3	16.7	23	-4	13	+3	54	0	0	tr	151
DAKHLA	01	7	28	1	0	4	Ac	22.0	+2.8	16.3	22	+4	10	0	66	0	0	—	152
TOR	00	—	32	2	0	0	—	19.4	+2.5	17.0	22	-2	12	0	56	0	20	5	145
HURGHADA	00	9	26	3	0	1	Cu	19.6	+2.7	18.2	23	-3	14	0	61	0	43	—	146
QUSEIR	02	7	30	3	1	4	Ac	19.2	+2.8	21.0	23	-4	17	-1	48	0	2	4	147
PORT SUDAN	00	—	32	4	0	0	—	17.5	+3.0	26.1	29	-1	23	0	64	0	33	58	169
WADI HALFA	01	8	02	2	0	2	Ci	20.3	+2.6	14.6	24	-4	9	-3	59	—	—	—	165
KAREIMA	00	7	02	2	0	1	Ci	19.6	+4.2	15.3	26	-7	11	-5	40	0	dr	1	166
ATBARA	00	—	32	4	0	0	—	16.3	+2.9	20.0	29	-4	16	-2	43	0	1	1	167
KHARTÛM	00	8	04	2	0	0	—	15.5	+2.8	19.7	32	-3	15	-3	34	0	24	5	168
KASSALA	00	8	02	1	0	0	—	12.0	+0.7	23.8	34	-2	19	-1	61	0	7	11	170
WAD MEDANI	00	—	32	4	0	0	—	14.6	+2.5	19.6	31	-5	10	-8	27	0	44	13	171
DUEIM	00	—	—	—	0	0	—	15.4	+3.3	20.6	30	-6	17	0	32	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	22	1	0	0	—	13.6	+2.8	21.3	36	-1	13	-4	46	0	72	37	172
EL OBEID	00	8	30	2	0	0	—	16.3	+2.3	16.1	28	-5	12	-2	42	0	20	19	174
EL FASHER	00	8	04	2	0	1	Cs	—	—	14.5	29	-4	10	-1	40	0	4	8	175
GENEINA	01	8	04	3	1	3	Ci	—	—	15.0	33	—	10	—	40	0	19	—	179
KADUGLI																		—	187
MALAKÀL	01	8	04	5	1	3	Ac	12.9	+2.0	22.7	34	-2	18	0	26	0	75	92	176
WÂU	00	—	04	2	0	0	—	12.4	+1.7	21.5	35	-1	16	-3	47	0	186	145	177
JÛBA	17	6	04	1	1	3	Ac	12.5	+2.0	25.6	36	0	20	0	50	0	211	129	178

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA	P. SAID 8 h.	HELWAN 8 h. 30 m.	ASYÛT 7 h.	ASWÂN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTÛM 6 h.	KASSALA 7 h.	EL OBEID 5 h.	MALAKAL 3 h.	JUBA 7 h.	EL FASHER 6 h.
02.32.10	ENTERED Cb.		02.10.05	02.30.05	02.01.65	02.01.10	03.03.25	06.03.50	06.01.40	06.09.05	07.01.35	06.01.70	06.04.15	09.05.25
05.32.–			05.06.15	05.05.10	05.03.30	05.01.15	06.03.55	10.05.65	10.02.50	10.18.05	10.03.30	10.03.45	10.11.45	10.06.30
08.32.40			10.04.10	08.02.20	10.01.35		10.02.55	15.01.15	15.07.10	15.16.15	15.03.30	15.03.20	15.11.55	15.36.10
09.32.25			15.01.25	10.04.20			15.01.30	20.01.20	20.10.05	20.23.05	20.33.15	20.04.20	20.12.40	20.33.35
10.32.05			17.34.30	15.01.35			20.01.20	30.02.10	30.26.25	30.29.10	30.21.10	25.06.25	30.12.25	30.06.65
15.34.05				20.36.40			27.36.15	34.30.10	40.22.45	40.25.40	36.24.10	30.05.30	37.13.25	40.08.95
17.31.25									50.23.35	50.25.25				
20.16.20														
25.04.30														
30.03.25														

Forecast for 24 hours from noon on 29th

On the coast light to moderate winds chiefly from west to north.
Inland light variable winds becoming moderate north to northeast.
Clear or occasional medium cloud.
Mild by day.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٩

على الساحل رياح بين الخفيفة والمعتدلة اكثرها بين غربية وشمالية . وفي الداخل رياح مختلفة الاتجاه ثم تتحول الى شمالية أو شمالية شرقية معتدلة
السماء صحو او الطيور بعض السحاب المتوسط
درجة الحرارة معتدلة اثناء النهار

Station	Mean of day Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	50	-15	13.6	-0.8
Ezbekiya	63	-7	13.6	-1.1
Gîza	74	-2	13.2	-1.0
Helwân	59	+1	12.7	+0.1

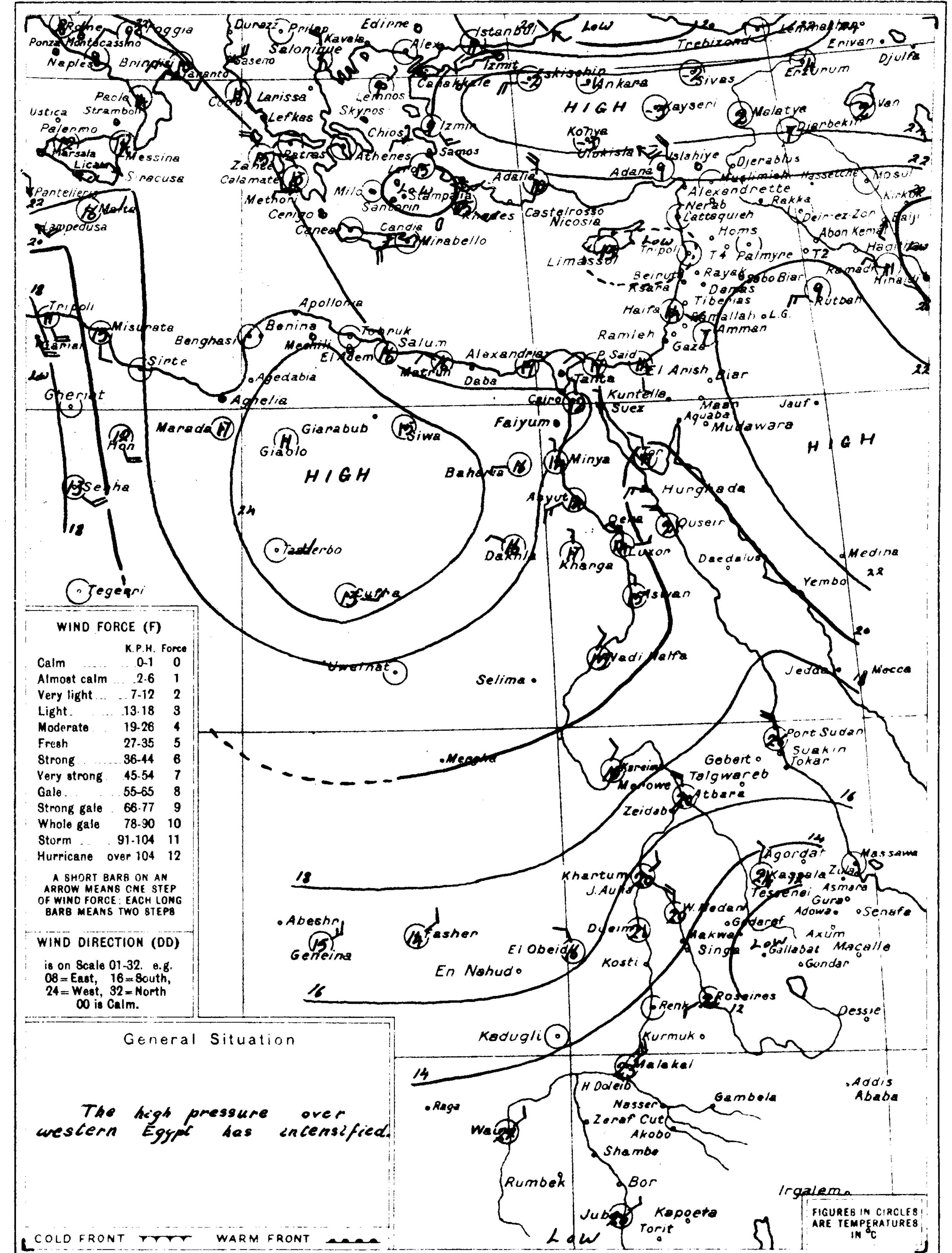
Gîza Grass minimum on 29th 5.8 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
29-11	1968	1528
28-11	1968	1435

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-11	13.37	-0.21	13.38	-0.20
Nâsser	28-11	10.09	+0.02	10.15	+0.05
Malakâl	29-11	12.25	-0.03	12.25	-0.03
Roseires	29-11	13.91	+0.43	13.96	+0.46
Sennâr Res.	28-11	20.52	—	20.42	—
J. Aulia U.S	28-11	375.55	—	375.61	—
J. Aulia D.S	28-11	372.15	-0.31	372.20	-0.27
Khartûm	28-11	11.63	-0.23	11.72	-0.16
Kh. el Girba					
'Atbara	28-11	11.13	-0.11	11.16	-0.10
Kajnarti	28-11	135.08	-0.27	135.09	-0.31
Aswân Res.	29-11	120.66	—	120.67	—
Aswân D.S	29-11	87.25	+0.67	87.25	+0.67
Rôda (Cairo)	29-11	16.20	-0.26	16.20	-0.30

Isobars, Wind and Temperature at 8 h. 29-11-1939 — ١٩٣٩-١١-٢٩



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

The high pressure over western Egypt has intensified.

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)	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	00	0	0	0	—	20.7	+3.6	13	—	—	—	—	—	0	89	85
Haifa	03	—	10	2	—	7	—	21.4	+5.2	14.0	19	-4	11	-2	75	0	45	100
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. 32 m.
" " Sunset 16 h. 55 m.

Month *NOVEMBER* 1939 ١٩٣٩ شهر *نوفمبر*

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

٣٠ - ١١ - ٣٩

At 14 h. on *29th* — الساعة ١٤ يوم ٢٩ ; At 8 h. on *THURSDAY 30th* — الساعة ٨ يوم الخميس 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. 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	03	7	02	2	2	8	Sc	21.6	18.2	58	03	7	28	2	2	8	As	23.5	+5.2	14.1	19	—	13	—	79	0	30	—	130
	MATRUH	03	7	28	3	2	6	Cb	19.9	20.0	93	03	7	16	1	2	6	Cb	23.2	+5.1	18.1	20	-2	15	+3	92	dr	37	37	131
	DIKHEILA	01	8	00	0	1	4	Cu	20.8	21.5	62	01	8	18	2	1	4	Cu	23.0	—	17.0	22	—	15	—	69	0	13	—	150
	ALEXANDRIA	02	9	32	1	2	4	Cu	20.4	22.1	59	01	9	00	0	2	4	Cu	22.7	+4.3	18.5	25	+2	15	+1	62	0	6	38	132
	DAMIETTA											01	6	18	1	2	2	Ac	22.6	—	14.2	22	—	11	—	82	0	19	22	159
	PORT SAID	00	8	28	2	0	0	—	20.6	21.2	57	00	7	04	2	1	0	—	22.2	+5.2	18.0	22	0	13	-2	73	0	13	15	134
	EL ARISH	01	9	28	1	0	3	Cu	21.9	19.3	53	02	9	00	0	1	4	Cu	21.6	—	13.0	24	—	10	—	83	0	31	16	135
Lower Egypt	DAMANHUR											01	7	18	2	1	2	Cu	23.2	+4.9	15.2	23	-1	12	+1	76	0	tr	17	136
	MANSURA											01	8	28	1	1	3	Sc	20.8	—	13.0	23	-1	11	-1	86	0	11	10	137
	TANTA	02	8	00	0	1	4	Cu	20.0	21.5	54	02	7	00	0	1	4	Sc	22.6	+4.1	14.5	24	0	10	-1	84	0	1	8	138
	ZAGAZIG	01	9	02	2	0	4	Cu	21.0	22.8	52	00	7	30	1	0	1	Cs	23.2	—	15.4	24	0	10	-1	78	0	dr	7	139
Middle Egypt (Cairo)	ALMAZA	01	8	02	3	0	2	Cs	19.6	21.1	55	01	7	00	0	1	4	Cs	22.3	—	13.8	23	—	10	—	71	0	4	—	141
	EZBEKIYA	01	8	32	1	0	2	Cu	19.8	22.1	49	01	6	02	2	0	3	Cs	22.4	+3.9	12.8	23	0	10	-2	77	0	1	4	—
	GIZA	02	7	32	3	1	4	Cu	19.8	22.1	50	08	5	30	2	4	4	Cs	22.6	+3.6	12.1	23	0	8	-2	83	0	1	6	—
	HELWAN	01	7	32	2	0	3	Ci	19.5	21.2	37	05	5	04	2	0	3	Ci	22.3	+4.0	14.1	22	0	11	-1	59	0	7	4	143
	SUEZ	00	9	32	2	0	0	—	19.9	20.6	50	01	8	28	1	1	4	Ac	22.3	+4.7	14.3	22	-2	10	-4	72	0	44	6	144
Upper Egypt	FAIYUM	00	8	06	2	0	0	—	19.8	23.3	45	00	7	02	2	0	0	—	22.3	+3.8	14.0	25	+1	9	-2	71	0	7	0	153
	MINYA	02	7	32	3	1	5	Cs	19.8	21.2	52	01	5	32	2	1	4	Cs	21.1	+2.4	13.8	21	-2	10	-1	78	0	tr	—	154
	ASYUT	02	8	30	3	1	5	Sc	18.7	21.0	49	01	6	22	3	1	3	Ac	20.6	+1.8	14.0	23	-1	9	-1	78	0	3	2	155
	QENA	02	8	14	1	1	4	Cs	17.5	24.6	47	00	7	26	1	0	0	—	20.3	+2.7	13.8	26	-1	10	-1	80	0	1	—	156
	LUXOR	01	9	30	2	0	2	Ci	18.0	23.0	53												—		—				—	157
	ASWAN	01	7	30	3	1	3	Cu	15.8	25.0	40	00	7	02	2	0	0	—	19.1	+1.8	16.1	26	-2	13	0	66	0	dr	—	158
Western Desert	SIWA	01	8	00	0	1	4	Cu	21.8	23.4	70	01	8	00	0	1	4	Cu	23.1	+4.1	16.4	24	+1	—	—	69	0	1	1	148
	BAHARIYA	01	9	00	0	1	4	—	19.5	21.0	49	00	9	00	0	0	0	—	21.5	—	15.0	23	—	10	—	68	0	0	—	149
	KHARGA	00	8	04	3	0	0	—	18.4	22.8	46	00	8	00	0	0	0	—	19.8	+1.9	—	23	-4	11	+1	58	0	0	tr	151
	DAKHLA	03	7	32	2	1	6	Sc	19.6	23.0	54	00	7	26	2	0	0	—	21.4	+2.2	14.0	23	-3	11	+1	78	0	0	—	152
Red Sea	TOR	00	7	28	2	0	1	Ci	17.5	23.0	53	00	6	32	2	0	0	—	20.0	+3.0	19.0	24	0	11	-1	54	0	20	5	145
	HURGHADA	00	9	06	2	0	0	—	17.8	22.5	48	00	9	26	3	0	0	—	19.6	+2.7	18.8	23	-2	14	+1	50	0	43	—	146
	QUSEIR	02	7	32	2	1	4	Ac	17.9	23.2	53	00	7	30	2	0	0	—	19.1	+2.7	22.3	24	-2	17	-1	49	0	2	4	147
	PORT SUDAN											00	—	32	3	0	0	—	15.9	+1.4	26.0	29	-1	21	-2	58	0	33	59	169
North Sudan	WADI HALFA											00	8	32	2	0	0	—	17.8	0.0	14.8	25	-3	11	-1	50	—	—	—	165
	KAREIMA											00	8	04	2	0	0	—	17.6	+2.1	19.0	29	-4	15	-1	32	0	dr	1	166
	ATBARA											00	—	32	2	0	0	—	15.5	+2.0	23.5	32	-1	16	-1	44	0	1	1	167
	KHARTUM											01	8	04	3	0	2	Ci	13.9	+1.1	22.0	34	0	18	0	31	0	24	5	168
	KASSALA											00	8	06	1	0	0	—	11.9	+0.5	25.0	35	-1	20	0	62	0	7	11	170
Central Sudan	WAD MEDANI											00	—	02	4	0	0	—	13.5	+1.3	22.1	33	-3	13	-5	32	0	44	13	171
	DUEIM											00	—	—	—	0	0	—	14.8	+2.6	22.8	33	-2	18	+1	35	0	17	12	173
	RENK																												—	182
	ROSEIRES											00	—	06	1	0	0	—	12.3	+1.4	22.7	37	0	13	-4	48	0	72	37	172
	EL OBEID											03	8	30	2	1	7	Cs	14.9	+0.8	17.6	29	-3	13	0	38	0	20	19	174
	EL FASHER											00	8	02	2	0	6	—	—	—	14.5	28	-5	9	-2	40	0	4	8	175
	GENEINA											01	8	04	3	0	3	Ci	—	—	14.0	36	—	9	—	39	0	19	—	179
	KADUGLI																												—	187
S. Sudan	MALAKAL											01	8	04	4	1	3	Ac,Ci	12.1	+1.1	24.1	35	-1	17	-1	22	0	75	93	176
	WAU											00	—	28	3	0	0	—	11.6	+0.9	22.8	34	-2	16	-3	39	0	186	145	177
	JUBA											03	8	00	0	1	7	Ac,As	12.1	+1.6	23.1	35	-1	20	0	83	0	211	131	178

UPPER WINDS ON *30th* — الرياح العليا يوم ٣٠

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA h. m.	*MINYA* 8 h.	HELWAN 8 h. 30 m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 4 h.	KAREIMA 5 h.	KHARTUM 4 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 5 h.	JUBA 5 h.	*EL FASHER* 6 h.
02.32.10	02.14.10		02.02.15	02.03.15	02.32.05	02.03.15	03.02.15	06.04.55	06.01.50	06.20.20	07.03.35	06.01.65	06.08.10	09.02.15
05.02.—	05.12.20		05.02.30	05.04.45	05.03.10	05.06.30	06.03.35	10.05.20	10.02.50	10.18.25	10.04.40	10.03.35	10.11.20	10.04.25
10.04.15	10.09.20		10.03.35	08.05.30	10.03.20	10.03.20	10.05.30	15.06.15	15.04.35	15.13.25	15.09.15	15.03.25	15.12.20	15.34.15
13.07.05	15.10.10		15.02.20	10.06.20	15.03.20	15.05.10	15.11.15	20.36.05	20.08.05	20.10.25	20.17.10	20.03.20	20.13.30	20.33.35
15.13.20	16.09.05		20.03.20	15.04.15			20.01.10	30.01.10	25.29.25	30.36.30	30.07.10	23.04.25	30.17.35	30.17.15
20.08.20			25.34.15	20.32.10			30.33.15	36.32.05	30.27.30	40.35.10	33.06.10			40.07.55
25.07.20			30.35.10	25.32.10					36.25.30	50.07.15				47.04.30
30.09.10				30.31.15										
32.12.05				40.28.35										
34.16.05				49.27.45										

Forecast for 24 hours from noon on *30th*

On the coast light variable winds.
Inland moderate northeast winds.
Light rain on the coast in the west.
Occasional medium cloud.
Milder

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣٠

على الساحل رياح خفيفة مختلفة الاتجاه
وفي الداخل رياح معتدلة شمالية شرقية
تساقط مطر خفيف على الجهة الغربية من الساحل
تظهر بعض السحب المتوسطة الارتفاع احيانا
ترتفع درجة الحرارة قليلا

Station	Mean of day Humidity % on *29th*	Diff. from normal	Wet Bulb Temp °C on *29th*	Diff. from normal
Alexandria	64	-1	16.0	+1.8
Ezbekiya	69	-1	13.7	-0.8
Giza	80	+4	13.2	-0.8
Helwan	66	+8	12.3	-0.2

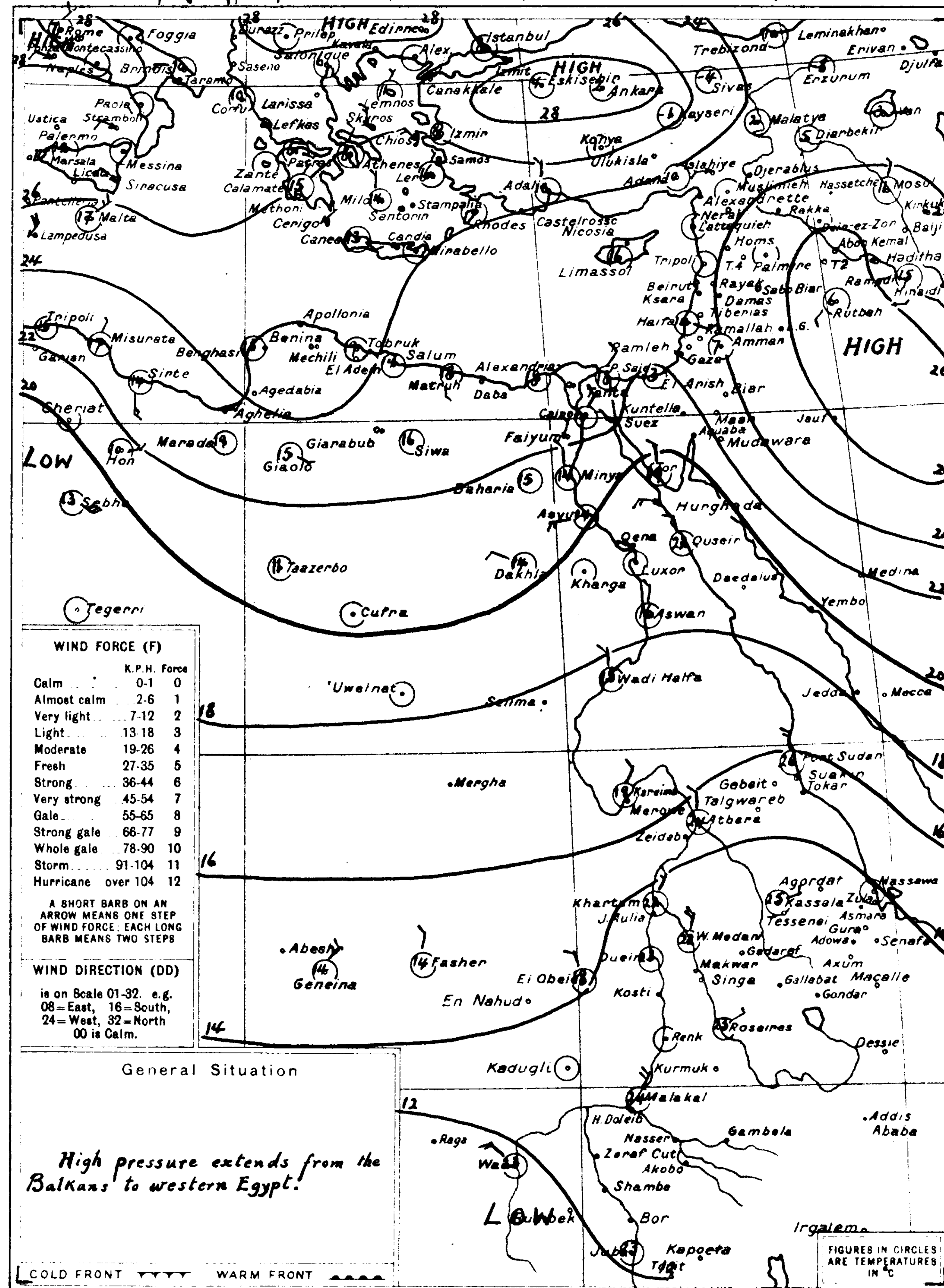
Giza Grass minimum on *30th* *6.0* °C

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

DATE	1939	1938
30-11	1968	1620
29-11	1968	1528

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	29-11	13.35	-0.22	13.37	-0.21
Nasser	29-11	10.02	0.00	10.09	+0.02
Malakal	30-11	12.24	-0.03	12.25	-0.03
Roseires	30-11	13.86	+0.42	13.91	+0.43
Sennar Res	29-11	20.61	—	20.52	—
J. Aulia U.S	29-11	375.57	—	375.55	—
J. Aulia D.S	29-11	372.07	-0.38	372.15	-0.31
Khartum	29-11	11.57	-0.25	11.63	-0.23
Kh. el Girba					
Atbara	29-11	11.10	-0.12	11.13	-0.11
Kajnarti	29-11	135.05	-0.21	135.08	-0.27
Aswan Res.	30-11	120.67	—	120.66	—
Aswan D.S.	30-11	87.26	+0.50	87.25	+0.67
Roda (Cairo)	29-11	16.20	-0.26	16.20	-0.30

Isobars, Wind and Temperature at 8 h. *30-11-39*



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 extends from the Balkans to western Egypt.

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	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	03	6	00	0	2	7	—	22.3	+5.2	16	—	—	—	—	—	0	89	87
HAIFA	02	—	10	2	—	4	—	23.1	+6.9	14.5	19	-4	12	-1	71	0	45	103
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 06 33 (h m)
" " Sunset 16 55 (h m)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1939 — شهر ديسمبر ١٩٣٩

At 14 h. on 30-11 — الساعة ١٤ يوم ٣٠-١١ ; At 8 h. on FRIDAY 1st — الساعة ٨ يوم الجمعة أول

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. 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	03	8	02	1	2	8	Sa	22.6	18.2	69	20	7	26	2	8	5	Cb	22.2	+4.0	14.9	19	—	14	—	90	tr	30	—	130
	MATRÛH	03	7	08	2	2	8	Cb	21.9	20.1	84	03	7	24	1	2	6	Cb	20.6	+7.5	18.0	20	-2	15	+3	92	0	37	38	131
	DIKHEILA	03	8	02	3	1	7	As	21.8	19.9	59	03	8	02	5	5	7	Cb	20.8	—	19.9	22	—	16	—	73	dr	13	—	150
	ALEXANDRIA	03	9	04	1	2	6	As	20.8	20.4	54	03	8	04	4	2	7	Cb	20.4	+2.0	19.4	23	0	17	+3	72	0	6	39	132
	DAMIETTA											03	8	30	1	2	8	Sc	19.8	—	19.2	22	—	14	—	73	0	19	23	159
	PORT SAÎD	01	8	04	2	1	1	Cs	20.8	22.2	36	03	6	20	2	1	6	Cb	18.8	+1.8	19.2	24	+2	15	+1	81	0	13	15	134
	EL ARÎSH	01	9	28	1	1	3	Cu	22.2	19.2	59	02	8	00	0	—	5	Cu	19.0	—	14.5	22	—	11	—	90	0	31	16	135
Lower Egypt	DAMANHÛR											03	7	24	2	2	6	Cc	20.7	+2.3	15.8	23	-1	13	+2	83	0	tr	17	136
	MANṢURA											02	4	32	2	1	4	Cu	20.3	—	16.6	23	-1	13	+1	75	0	11	10	137
	TANTA	03	7	00	0	2	7	Cb	21.2	21.0	53	02	7	00	0	1	4	Cb	20.6	+2.1	16.0	24	0	11	0	79	0	1	8	138
	ZAGÂZÎG	01	9	30	1	0	4	Cu	21.4	21.9	53	01	7	14	1	0	3	Cu	20.8	—	13.9	23	-1	10	-1	99	0	dr	7	139
Middle Egypt (Cairo)	ALMÂZA	01	8	02	3	1	4	Cs	20.0	21.5	53	05	5	30	1	1	4	Cc	20.4	—	13.0	22	—	12	—	87	0	4	—	141
	EZBEKÎYA	02	8	32	2	0	4	Cs	20.2	21.8	45	05	5	30	1	0	5	Ci	20.4	+1.9	13.8	23	0	11	0	90	0	1	4	—
	GÎZA	02	7	03	3	1	5	Cs	20.4	22.0	44	05	5	30	1	2	7	Ac	20.4	+1.4	12.9	23	0	10	0	90	0	1	6	—
	HELWÂN	02	9	02	4	1	5	Ci	19.9	22.0	32	09	4	32	1	2	6	Cc	20.2	+1.9	15.5	23	+1	12	0	72	0	7	4	143
	SUEZ	00	9	32	3	0	1	Ac	19.6	21.9	51	02	7	32	1	1	5	Cc	19.4	+1.7	16.1	23	-1	14	0	81	0	44	6	144
Upper Egypt	FAIYÛM	02	8	32	4	0	5	Sc	19.8	22.0	39	01	8	32	2	0	3	Ac	19.8	+1.2	17.0	23	-1	11	+1	70	0	7	0	153
	MINYA	02	7	32	4	1	4	Cs	19.4	21.3	50	03	4	32	2	2	6	Cs	19.4	+0.7	13.3	22	-1	12	+2	89	0	tr	—	154
	ASYÛT	02	8	22	3	1	4	Ac	18.2	22.5	41	02	5	22	3	1	5	Cs	19.5	+0.6	13.2	24	0	9	-1	86	0	3	2	155
	QENA	02	8	22	1	1	4	Cc	16.8	26.4	46	03	7	26	2	2	8	Cs	18.2	+0.6	14.0	28	+1	11	0	77	0	1	—	156
	LUXOR	02	9	06	1	1	4	Ci	17.2	25.2	46	02	9	06	1	2	5	Ci	18.7	—	12.0	28	—	8	—	76	0	9	—	157
	ASWÂN	01	7	28	1	1	3	Cu	15.4	26.0	42	02	7	02	1	1	5	Ci	17.4	+0.5	17.0	27	-1	14	+1	52	0	dr	—	158
Western Desert	SÎWA	00	8	00	0	0	0	—	—	23.2	68													—	—		0	1	1	148
	BAḤARÎYA	00	9	02	1	0	0	—	19.9	22.5	51	01	9	32	1	1	4	Cc	21.0	—	13.2	23	—	12	—	96	0	0	—	149
	KHÂRGA											00	8	32	1	0	0	—	19.4	+1.5	13.2	22	-5	8	-1	55	0	0	tr	151
	DÂKHLA	01	8	04	2	0	4	Ci	19.4	23.8	47	02	7	22	1	0	6	Ci	20.8	+1.5	12.3	24	-2	10	+1	77	0	0	—	152
Red Sea	TOR	00	7	28	3	0	1	Ci	17.6	22.5	68	02	6	32	3	0	4	As	17.1	+0.1	16.5	23	-1	12	0	60	0	20	5	145
	HURGHÂDA	00	9	32	3	0	0	—	17.4	23.6	53	01	9	26	3	0	2	Ac	17.5	+0.5	19.5	24	-1	14	+1	43	0	43	—	146
	QUṢEIR	00	7	32	2	0	0	—	17.6	24.0	57	01	7	28	2	1	4	Ac	17.2	+0.7	21.5	24	-2	17	-1	41	0	2	4	147
	PORT SUDAN											02	—	32	4	2	4	—	16.4	+1.8	25.9	29	-1	24	+2	67	0	33	61	169
North Sudan	WÂDI HALFA											02	8	32	3	1	6	Cs	18.1	+0.2	14.8	27	-1	11	0	50	—	—	—	165
	KAREIMA											02	7	04	2	1	5	Cs	16.7	+1.1	19.1	31	-2	15	-1	44	0	dr	1	166
	ATBARA											00	—	32	3	0	0	—	15.1	+1.5	21.2	32	-1	16	-1	58	0	1	1	167
	KHARTÛM	02	8	02	2	0	5	—	9.9	36	—	01	8	02	3	1	3	Ac,Cc	14.1	+1.3	22.7	36	+2	19	+1	40	0	24	5	168
	KASSALA											00	8	04	1	0	0	—	11.8	+0.2	24.0	36	0	18	-1	61	0	7	11	170
Central Sudan	WAD MEDANI																										•	44	13	171
	DUEIM											00	—	—	—	0	0	—	13.1	+0.8	23.4	33	-2	19	+2	43	0	17	12	173
	RENK																			—									—	182
	ROSEIRES											02	—	14	1	1	4	—	11.9	+1.0	25.5	39	+2	15	-2	43	0	72	37	172
	EL OBEID											01	8	30	2	1	4	Ci	14.4	+0.2	18.0	31	-1	14	+1	30	0	20	19	174
	EL FÂSHER											01	9	32	1	0	2	Cs	—	—	14.7	31	-2	9	-2	32	0	4	8	175
	GENEINA	01	8	04	2	0	3	—	—	33	11	01	8	04	2	1	4	Ac,Cs	—	—	15.2	35	—	11	—	32	0	19	—	179
	KADUGLI																												—	187
S. Sudan	MALAKÂL											01	8	04	3	1	4	Cs	11.8	+0.8	24.6	36	0	17	-1	36	0	75	93	176
	WÂU											00	—	04	4	0	0	—	13.3	+2.5	22.8	35	-1	14	-4	36	0	186	146	177
	JÛBA	01	8	12	3	—	—	Ac	—	33	—	61	8	06	3	2	8	Cb	12.9	+2.4	22.6	35	-1	21	+1	83	3	214	132	178

UPPER WINDS ON 1st — الرياح العليا يوم 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	DIKHEILA	MINYA 8 h.	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA 5 h.	KAREIMA 5 h.	KHARTÛM 5 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JÛBA 7 h.	GENEINA 6 h.
02.34.05			02.36.20				03.03.15	06.02.55	06.35.35	06.13.05	07.01.35	06.04.35	06.27.10	10.05.45
05.05.10			05.36.40				06.03.30	10.01.20	10.36.25	10.14.10	10.04.30	10.03.35	10.05.15	15.04.15
08.04.10			10.33.15				10.02.25	15.01.15	15.01.15	15.17.20	15.08.15	15.03.30	15.13.15	20.28.05
Bat. Cb			20.28.20				15.36.20	20.36.15	20.03.10	20.18.25	20.15.10	20.03.30	20.15.25	30.23.20
			30.28.25				20.29.05	30.35.05	25.05.15	30.19.25	24.14.05	25.03.25	30.17.35	38.19.15
							30.27.10	33.22.05	30.09.35	34.21.25		30.04.30	35.15.25	
							34.27.15		34.09.10			40.06.30		
												45.09.35		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في 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	64	-1	15.2	+1.1
Ezbekiya	69	-1	13.2	-1.2
Gîza	75	-1	13.1	-0.8
Helwân	53	-5	12.3	-0.1

Gîza Grass minimum on 1st 8.0 °C

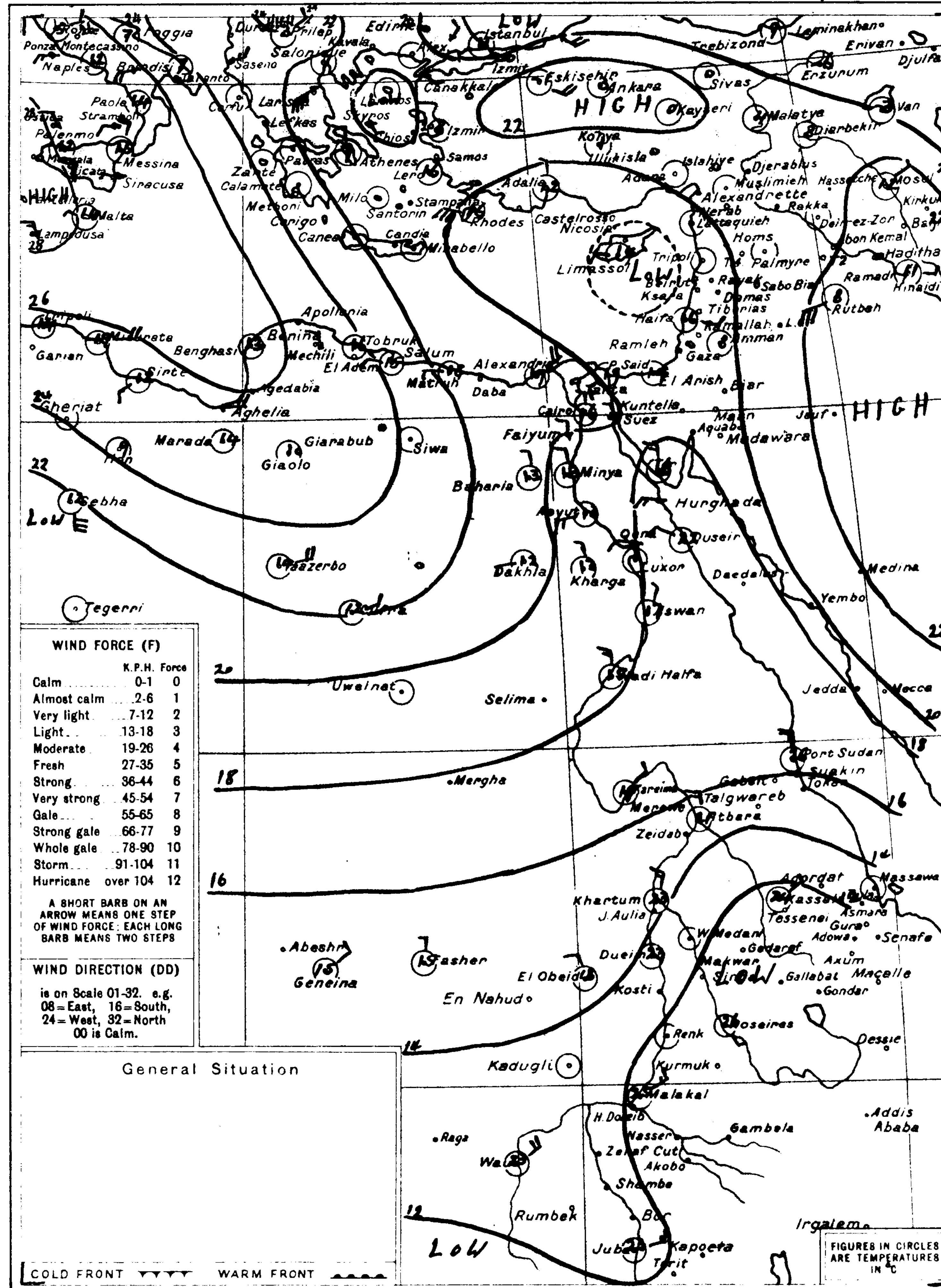
Discharges at Aswân measured by sluices m.³ per sec

DATE	1939	1938
1-12	1968	1626
30-11	1968	1620

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-11	13.35	-0.22	13.37	-0.21
Nasser	29-11	10.02	0.00	10.09	+0.02
Malakâl	30-11	12.24	-0.03	12.25	-0.03
Roseires	20-11	13.86	+0.42	13.91	+0.43
Sennâr Res.	1-12	20.70	—	20.67	—
J. Aulia U.S	29-11	375.50	—	375.53	—
J. Aulia D.S	29-11	372.07	-0.38	372.16	-0.31
Khartûm	29-11	11.57	-0.25	11.63	-0.23
Kh. el Girba	—	—	—	—	—
Atbara	29-11	11.10	-0.12	11.13	-0.11
Kajnarti	30-11	135.04	-0.18	135.05	-0.21
Aswân Res.	1-12	120.67	—	120.67	—
Aswân D.S.	1-12	87.25	+0.32	87.25	+0.51
Rôda (Cairo)	30-11	16.22	-0.20	16.26	-0.26

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

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



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
At 8 h. on 1-12-1939 — الساعة ٨ يوم ١-١٢-١٩٣٩																		
LIMASSOL	03	7	26	2	2	8	—	19.0	+1.8	14	—	—	—	—	—	0	89	89
HAIFA	02	—	10	2	—	5	—	19.5	+3.3	15.6	22	-1	13	0	57	0	45	106
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 34 m
" " Sunset 16 h 55 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

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

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	21	7	04	1	5	5	Cb.	21.0	17.8	87	01	7	26	2	1	3	Cu.	21.1	+2.9	11.2	20	—	11	—	97	tr.	30	—	130
MATRUH	03	7	30	2	2	6	Cb.	19.8	20.0	91	01	8	20	2	0	3	Cb.	20.7	+2.6	15.5	20	−1	13	+1	85	0	37	39	131
DIKHEILA	01	8	30	3	1	4	Cu.	19.8	20.4	64	01	8	27	2	1	4	Ac.	20.3	—	19.7	20	—	19	—	62	0	13	—	150
ALEXANDRIA	02	9	06	4	2	4	Cu.	18.8	21.5	55	02	9	28	2	2	4	Ac.	19.6	+1.2	19.4	23	+1	17	+3	60	0	6	41	132
DAMIETTA											01	8	26	1	1	2	Cu.	19.0	—	14.8	21	—	12	—	81	0	19	24	159
PORT SAID	02	7	04	3	1	5	Sc.	17.6	21.2	83	02	7	22	3	1	5	Cu.	18.4	+1.4	16.9	23	+1	15	+1	81	0	13	16	134
EL 'ARISH	02	9	28	1	1	5	Cu.	17.5	22.6	58	02	8	20	1	1	5	Cb.	19.8	—	16.0	23	—	13	—	81	0	31	17	135
LOWER EGYPT																													
DAMANHUR											00	7	22	2	0	0	—	20.2	+1.8	14.0	23	−1	10	−1	81	0	tr.	18	136
MANSURA											00	8	28	2	0	0	—	19.4	—	14.9	23	−1	12	0	76	0	11	10	137
TANTA	02	7	28	3	1	5	Cu.	19.0	22.0	54	00	8	00	0	1	0	—	18.2	−0.3	14.3	24	+1	10	−1	90	0	1	8	138
ZAGAZIG	02	9	02	1	0	4	Cu.	18.0	23.4	58	00	6	20	1	0	0	—	20.2	—	14.4	24	0	9	−1	88	0	dr.	7	139
MIDDLE EGYPT																													
CAIRO ALMAZA	02	8	30	3	1	5	Cu.	17.8	22.5	61	05	6	00	0	0	2	Cs.	20.0	—	15.5	22	—	10	—	74	0	4	—	141
CAIRO EZBEKIYA	03	8	04	2	2	6	Ac.	17.8	21.9	57	02	5	30	1	1	5	Ci.	20.3	+1.7	13.8	24	+1	11	0	88	0	1	4	—
CAIRO GIZA	03	7	32	2	2	6	Cu.	17.6	23.1	54	05	6	00	0	1	4	Cc.	20.4	+1.3	12.1	23	0	8	−2	94	0	1	6	—
HELWAN	02	7	32	3	2	5	Cc.	17.9	21.8	47	09	3	00	0	0	3	Cc.	20.2	+1.9	13.6	22	0	11	−1	81	0	7	4	143
SUEZ	01	9	32	2	1	3	Cc.	17.4	21.0	65	01	8	32	1	1	3	As.	19.9	+2.1	16.0	22	−2	14	+1	77	0	44	6	144
UPPER EGYPT																													
FAIYUM	02	8	32	4	0	5	Cu.	17.8	22.0	48	02	7	00	0	0	5	Cu.	20.7	+2.1	14.0	23	−1	10	0	79	0	7	0	153
MINYA	02	6	02	3	2	5	Cs.	18.4	21.3	62	01	4	32	1	1	4	Cs.	19.9	+1.1	13.0	22	0	12	+2	88	0	tr	—	154
ASYUT	02	7	22	3	1	5	Cs.	16.2	22.2	51	02	6	20	3	1	4	Cs.	19.8	+0.8	14.8	23	0	11	+1	81	0	3	2	155
QENA	03	8	22	1	2	8	Cs.	14.6	25.0	36	03	7	26	2	2	8	As.	17.9	+0.2	14.0	27	+1	12	+1	88	0	1	—	156
LUXOR	02	9	26	2	2	5	Ci.	15.2	28.9	35	02	8	10	2	2	5	Ci.	18.4	—	14.5	29	—	9	—	79	0	9	—	157
ASWAN	02	7	02	2	1	5	Ci.	13.6	27.0	33	02	7	00	0	1	5	Ci.	18.2	+0.7	16.0	28	0	13	0	61	0	dr.	—	158
WESTERN DESERT																													
SIWA																												1	148
BAHARIYA	02	9	32	1	2	5	Ac.	18.3	20.8	62	02	9	00	0	1	4	Cc.	20.7	—	12.5	22	—	10	—	87	0	0	—	149
KHARGA																												tr.	151
DAKHLA	01	8	32	3	0	4	Ci.	17.9	23.0	54	01	7	28	1	0	3	Ci.	21.1	+1.7	15.0	23	−3	11	+2	78	0	0	—	152
RED SEA																													
TOR	01	7	28	4	0	3	Cc.	14.3	23.0	70	01	6	32	2	0	3	Cc.	16.3	−0.8	17.5	23	−1	13	+1	66	0	20	5	145
HURGHADA	01	9	32	4	1	2	Sc.	14.2	24.5	57	01	9	26	3	1	3	Cb.	17.4	+0.4	19.6	25	0	15	+2	61	0	43	—	146
QUSEIR	02	7	02	2	1	4	As.	15.1	23.9	51	02	7	30	3	1	4	Ac.	17.0	+0.5	22.0	25	−1	18	0	50	0	2	4	147
PORT SUDAN											03	—	30	3	6	6	—	16.4	+1.8	26.0	28	−1	25	+3	83	3	36	62	169
NORTH SUDAN																													
WADI HALFA											01	8	32	3	0	3	Ci.	17.9	−0.1	15.7	28	0	11	0	51	—	—	—	165
KAREIMA											01	8	08	1	1	4	Ci.	16.1	+0.4	19.2	31	−1	16	+1	40	0	dr.	1	166
'ATBARA											00	—	32	3	0	0	—	14.4	+0.8	23.5	32	−1	18	+1	44	0	1	1	167
KHARTUM											00	7	30	2	0	1	Ci.	13.9	+1.0	23.5	35	+1	19	+1	40	0	24	5	168
KASSALA											00	8	04	1	0	0	—	11.2	−0.4	25.0	35	−1	18	−1	62	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	02	4	0	0	—	13.0	+0.7	23.1	35	0	14	−4	34	0	44	13	171
DUEIM											00	—	—	—	0	0	—	12.2	−0.1	24.6	35	0	19	+2	42	0	17	12	173
RENK																													182
ROSEIRES											00	—	14	1	1	0	—	12.2	+1.2	25.8	38	+1	18	+1	43	0	72	37	172
EL OBEID											00	8	30	1	0	0	—	14.3	0.0	19.4	32	0	14	+1	32	0	20	19	174
EL FASHER											00	8	02	1	0	0	—	—	—	16.0	33	+1	10	−1	34	0	4	8	175
GENEINA											01	8	04	2	0	3	Ac.	—	—	14.4	36	—	10	—	39	0	19	—	179
KADUGLI																													187
S. SUDAN																													
MALAKAL											00	7	32	1	0	0	—	12.7	+1.7	25.0	36	0	19	+1	62	0	75	93	176
WAU											01	—	12	1	1	4	—	9.9	−0.9	19.5	34	−2	19	+1	86	0	186	146	177
JUBA																												132	178

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

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

SALUM 7 h.	MATRUH 7 h.	DIKHEILA	MINYA 8 h.	HELWAN 9 h.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 4 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 5 h.	Fasher 6 h.	Geneina 6 h.
02 29 15	02 28 15		02 32 15	02 27 05	02 36 20	02 01 10	03 01 30	06 03 40	06 01 45	06 05 05	07 02 35	06 30 25	09 03 15	10 07 30
05 31 —	05 29 25		05 03 45	05 35 20	05 02 30	05 02 25	06 03 35	10 02 30	10 01 45	10 03 05	10 03 30	10 36 30	10 05 25	15 05 30
10 34 20	10 32 25		10 02 40	08 35 20	10 36 35	10 09 05	10 03 25	15 04 15	15 09 05	15 09 15	15 04 25	15 04 35	15 02 10	20 36 10
15 32 30	15 34 35		15 36 40	10 36 20	15 35 30		15 05 15	20 05 15	20 04 10	20 11 20	19 04 20	20 03 30	20 01 45	30 01 10
Ent. Cu.	19 35 30		20 33 35	15 34 25	20 32 30		20 33 15	30 06 05	25 03 15	30 13 20		25 05 20	30 33 75	40 02 10
			25 33 30	20 31 15			30 30 25	40 19 10	30 01 15	40 01 15		30 08 30	38 34 90	50 04 05
			30 27 50	23 30 25					40 05 10	50 35 10				53 05 05
				25 29 25					50 13 15					
									57 05 05					

Forecast for 24 hours from noon on 2nd

Light to moderate winds chiefly westerly.
Occasional medium and low cloud.
Possibly light showers on the coast.
Rather mild.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢

رياح ما بين الخفيفة والمعتدلة غربية في الغالب. يظهر بعض السحاب الوسط والمنخفض في بعض الأحيان. ويحتمل ان تمطر خفيفا على الساحل. والطقس معتدل نوعا

STATION	Mean of day: Humidity % on 1st	Diff. from normal	Wet bulb temp °C on 1st	Diff. from normal
Alexandria	64	−1	16.0	+2.0
Ezbekiya	75	+4	14.9	+0.6
Giza	77	+1	14.8	+1.0
Helwan	63	+4	14.4	+2.2

Giza Grass minimum on 2nd 5.8 °C

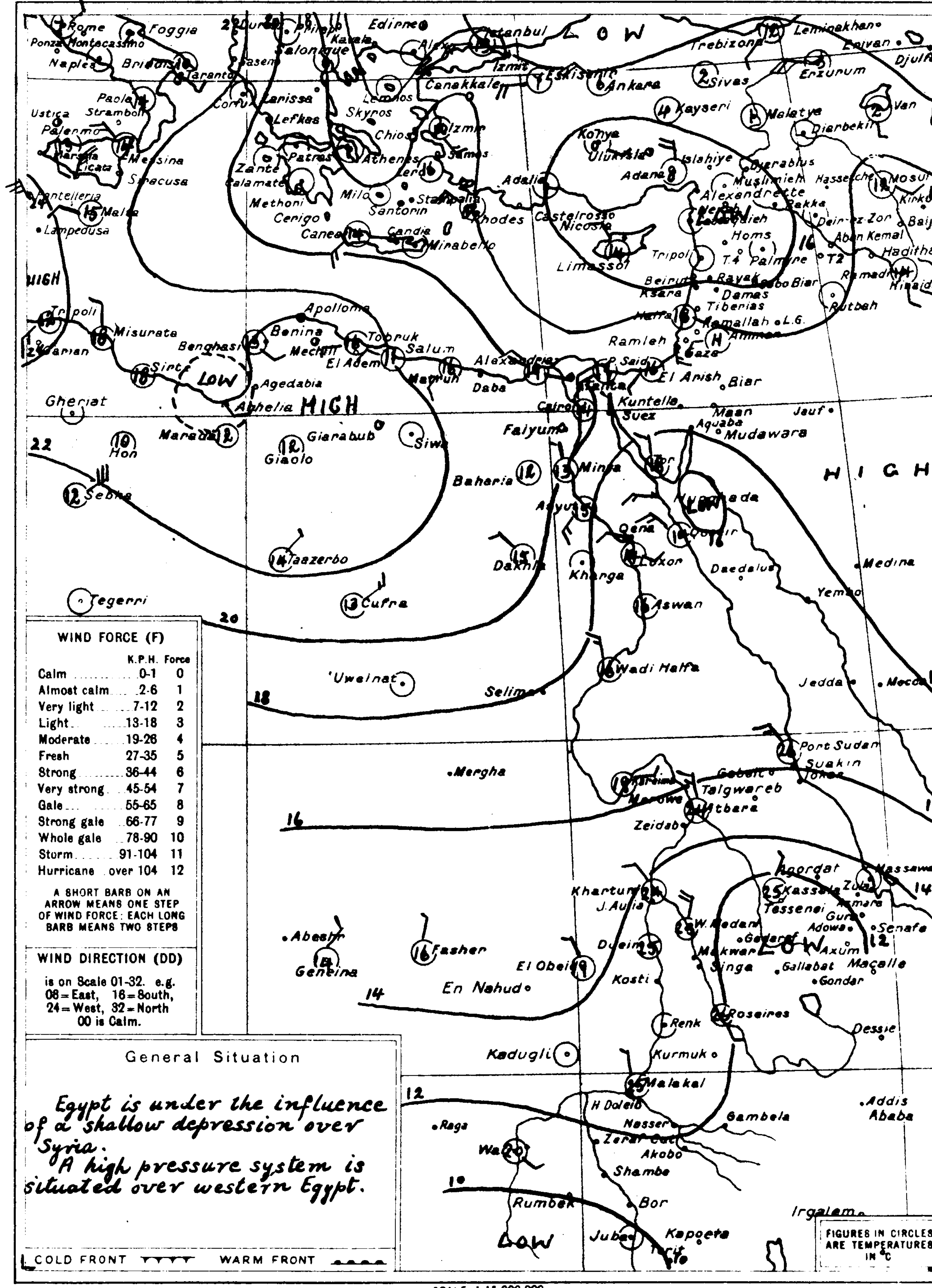
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
2.12	1968	1620
1.12	1968	1620

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1.12	13.31	−0.25	13.33	−0.24
Nasser	1.12	9.87	−0.05	9.95	−0.02
Malakal	2.12	12.23	−0.02	12.24	−0.02
Roseires	2.12	13.78	+0.41	13.82	+0.41
Sennar Res	1.12	20.70	—	20.67	—
J. Aulia U.S	1.12	375.68	—	375.64	—
J. Aulia D.S	1.12	372.04	−0.39	372.05	−0.39
Khartum	1.12	11.50	−0.28	11.52	−0.28
Kh. el Girba	—	—	—	—	—
'Atbara	1.12	11.04	−0.11	11.07	−0.12
Kajnarti	1.12	135.03	−0.15	135.04	−0.18
Aswan Res.	2.12	120.67	—	120.67	—
Aswan D.S.	2.12	87.24	+0.31	87.25	+0.32
Roda (Cairo)	2.12	16.24	−0.11	16.24	−0.14

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

١٩٣٩-١٢-٢ Isobars, Wind and Temperature at 8 h. 2-12-1939



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

Egypt is under the influence of a shallow depression over Syria.
A high pressure system is situated over western Egypt.

At 8 h. on 2nd — الساعة ٨ يوم ٢-١٢

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
LIMASSOL	00	7	30	2	0	1	—	16.0	−1.2	14	—	—	—	—	—	0	89	93
HAIFA	01	—	10	1	—	3	—	17.4	+1.1	17.6	21	−2	12	0	63	0	45	113
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 06 h. 34 m.
" " Sunset 14 h. 55 m.

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

DAILY WEATHER REPORT

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

At 14 h. on 2nd (الساعة ١٤ يوم ٢) — At 8 h. on SUNDAY 3rd (الساعة ٨ يوم الأحد ٣)

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	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	02	8	22	2	1	4	Cu	20.0	20.8	59	01	6	24	1	0	—	As	20.0	+1.9	13.4	21	—	11	—	96	0	30	—	130
MATRÛH	01	7	26	4	1	4	Cb	19.0	20.0	91	03	6	20	1	2	8	Cb	18.4	+0.2	17.0	20	-1	14	+2	94	0	37	40	131
DIKHEILA	51	7	24	4	5	6	Cb	19.4	20.6	66	02	8	20	1	1	5	Cu	20.4	—	15.0	22	—	14	—	77	2	15	—	150
ALEXANDRIA	20	8	24	3	6	7	Cb	18.6	18.3	85	02	9	00	0	5	5	Ac	19.9	+1.5	16.5	22	0	15	+1	81	2	8	43	132
DAMIETTA											03	6	18	1	2	6	Ac	20.0	—	14.9	21	—	13	—	90	0	19	24	159
PORT SAÎD	00	7	28	4	1	0	—	17.9	21.4	55	02	6	20	2	1	5	Ac	19.8	+2.8	16.7	24	+2	15	+1	89	0	13	16	134
EL 'ARÎSH	02	9	28	2	1	4	Cb	19.4	20.5	75	02	9	12	1	1	4	Cu	19.9	—	13.8	22	—	12	—	81	0	31	17	135
LOWER EGYPT																													
DAMANHÛR											01	7	20	2	1	3	Ci	20.3	+1.9	15.7	23	-1	13	+2	89	0	tr	18	136
MANSÛRA											02	5	04	1	1	4	Cu	20.0	—	13.8	23	-1	11	0	92	0	11	10	137
TANTA	02	7	28	3	1	5	Cu	18.6	22.5	55	02	7	00	0	1	5	Ci	20.3	+1.8	16.0	24	+1	12	+1	90	0	1	8	138
ZAGÂZIG	01	9	30	1	0	4	Cu	18.4	22.9	51	01	6	14	1	0	3	Cu	21.0	—	14.4	24	0	10	0	94	0	dr	7	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	02	2	0	3	Cs	19.1	21.9	51	03	5	00	0	2	8	Cs	20.3	—	16.3	22	—	12	—	71	0	4	—	141
CAIRO EZBEKÎYA	01	8	32	1	1	3	Cu	18.7	22.5	42	08	4	04	1	4	4	Ci	20.2	+1.6	15.0	24	+1	12	+1	88	0	1	4	—
CAIRO GÎZA	01	7	30	3	1	4	Cu	18.3	22.8	41	40	3	02	1	4	7	Ci	20.3	+1.1	13.0	23	0	9	-1	90	0	1	6	—
HELWÂN	01	7	02	2	1	3	Ci	18.4	20.8	37	05	5	00	0	2	6	Ci	20.4	+2.0	14.6	21	-1	12	+1	71	0	7	4	143
SUEZ	01	8	28	1	0	2	Ac	18.3	22.0	53	02	8	32	1	2	5	As	20.0	+2.1	15.0	23	-1	11	-2	76	0	44	6	144
UPPER EGYPT																													
FAIYÛM	02	8	32	3	0	5	Sc	18.7	21.0	47	02	8	32	1	0	4	Ac	21.0	+2.4	13.0	23	-1	10	0	80	0	7	0	153
MINYA	03	6	32	4	2	7	Cs	18.4	20.5	53	08	4	00	0	2	8	Cs	20.0	+1.2	14.0	21	-1	10	0	76	0	tr	—	154
ASYÛT	02	7	30	3	1	5	Cs	17.4	21.3	47	02	6	22	3	1	5	Cs	19.0	0.0	13.5	23	0	10	0	77	0	3	2	155
QENA	03	8	26	1	2	6	Cc	15.6	23.9	49	03	8	28	1	2	6	As	18.3	+0.5	13.9	26	0	10	-1	77	0	1	—	156
LUXOR	02	8	30	1	2	5	Ci	15.9	25.6	44	02	8	06	1	2	5	Ci	18.7	—	14.5	27	—	8	—	73	0	9	—	157
ASWÂN	03	7	32	1	1	8	Cu	14.7	25.0	32	02	7	32	1	1	5	Ci	17.5	-0.1	14.7	26	-1	13	0	69	0	dr	—	158
WESTERN DESERT																													
SÎWA	01	8	16	1	1	3	Cu	19.0	23.1	75																	1	1	148
BAHARÎYA	02	9	02	1	1	5	Cu	20.6	20.0	62	01	9	00	0	1	4	Cc	20.3	—	13.0	22	—	8	—	83	0	0	—	149
KHÂRGA	00	8	28	2	0	0	—	15.4	25.0	32																	0	tr	151
DÂKHLA	02	7	04	1	0	5	Sc	18.2	23.8	52	01	7	16	1	0	4	Cc	19.2	-0.3	13.3	24	-2	9	0	77	0	0	—	152
RED SEA																													
TÔR	01	7	28	5	0	3	Cc	15.6	22.5	74	02	5	32	2	0	4	As	17.9	+0.8	13.8	23	-1	11	-1	74	0	20	5	145
HURGHÂDA	02	8	32	4	1	5	Cb	15.4	23.8	52	02	8	26	3	1	4	St	18.3	+1.2	18.6	24	-1	14	+1	47	0	43	—	146
QUSEIR	02	7	02	2	1	4	Ac	15.9	23.3	58	02	7	30	2	1	5	As	17.9	+1.3	21.8	24	-2	18	0	45	0	2	4	147
PORT SUDAN	02	—	04	2	2	5	—	14	31	65	03	—	30	4	5	8	—	16.7	+2.0	26.7	31	+2	24	+2	81	dr	36	63	169
NORTH SUDAN																													
WÂDI HALFA	01	8	32	4	1	4	—	15.1	27	17	03	8	32	2	1	6	Ac	16.9	-1.2	12.0	27	0	11	0	55	—	—	—	165
KAREIMA	02	8	—	—	5	5	—	12.1	32	25	02	8	04	3	1	5	Ci	14.9	-0.9	21.2	33	+1	17	+2	29	0	dr	1	166
'ATBARA	01	—	30	2	0	4	—	10	33	25	00	—	28	3	0	0	—	13.3	-0.4	25.8	33	0	19	+2	40	0	1	1	167
KHARTÛM	00	8	02	3	0	0	—	8.0	36	34	02	8	02	2	1	5	Ci	12.1	-0.9	24.0	36	+2	20	+2	41	0	24	5	168
KASSALA	01	8	30	2	0	2	Cu	10.4	36	35	00	8	06	1	0	0	—	10.0	-1.7	27.4	36	0	21	+2	64	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	28	1	0	4	—	7	35	10	00	—	02	3	0	0	—	11.9	-0.5	24.4	35	0	15	-3	44	0	44	13	171
DUEIM											00	—	—	—	0	0	—	10.6	-1.8	25.2	35	0	19	+2	43	0	17	12	173
RENK	01	7	28	2	0	3	—	7.2	35	25									—			—		—				—	182
ROSEIRES	01	—	12	1	0	4	—	7	37	35	02	—	18	1	1	4	—	12.0	+0.9	22.9	39	+2	18	+1	51	0	72	37	172
EL OBEID	00	8	02	2	0	0	—	8.5	32	17	03	8	30	1	1	8	Ac	13.6	-0.8	18.0	32	0	15	+2	38	0	20	19	174
EL FÂSHER	00	—	10	3	0	0	—	—	—	25	02	8	00	0	1	5	Cs	—	—	14.6	32	0	11	0	40	0	4	7	175
GENEINA	01	8	28	2	1	4	Ac	—	34	8	00	8	04	2	0	0	—	—	—	15.1	36	—	10	—	40	0	19	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL	00	8	04	1	0	0	—	—	—	23	00	8	04	2	0	0	—	11.0	0.0	25.9	36	0	19	+1	26	0	75	93	176
WAU											00	—	04	1	0	0	—	7.6	-3.2	21.5	36	0	18	0	74	0	106	146	177
JUBA	02	—	10	3	1	4	Cu	6.4	35	38	01	8	00	0	1	3	Ac	11.6	+1.0	25.3	36	0	20	0	69	0	214	133	178

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

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

SALÛM 7 h.	MATRÛH 7 h.	DIKHEILA	P. SAID 8 h.	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.	JÛBA 7 h.	Geneina 7 h.
02 27 05	02 27 10		05 33 10	02 16 00	02 32 20	02 02 15	03 03 20	06 05 75	06 02 45	06 16 15	07 02 35	06 03 25	06 23 15	10 07 25
05 08 —	05 29 10		07 06 20	05 05 15	05 36 20	05 10 20	06 06 35	10 08 30	10 03 25	10 13 20	10 05 30	10 02 45	10 15 20	15 13 10
10 05 05	10 27 10		10 05 15	08 05 15	10 06 15	10 11 40	10 09 30	15 13 20	15 07 20	15 14 25	15 09 20	15 03 25	15 15 25	20 17 15
13 07 05	15 26 10		15 10 10	10 05 10	15 05 15		15 15 20	20 09 05	20 06 25	20 19 20	20 10 15	20 04 15	20 15 35	30 12 05
14 19 05	20 27 10		19 04 00	15 03 25	20 36 10		20 17 10	30 30 05	25 36 25	30 24 15		25 08 25	30 14 25	40 02 05
15 20 05			20 25 05	20 30 25			30 20 20	36 09 05	30 31 15	40 32 25		30 11 40	40 13 20	41 05 05
20 25 10			25 27 15	23 29 25			39 26 25		40 19 10	50 01 10		39 12 40	46 14 25	
25 27 15			29 29 15	25 28 15					50 11 25					
31 26 30				30 29 40					51 08 20					
35 27 10				35 28 35										

Forecast for 24 hours from noon on 3rd

On the coast light winds chiefly westerly.
Inland light winds chiefly northeast.
At times much high and medium cloud.
Light showers on the coast.
Remaining mild.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٣

تهب على السواحل رياح خفيفة غالبا غربية وتهب داخل البلاد رياح خفيفة غالبا شمالية شرقية - ويكثر السحب العالية والمتوسطة فى بعض الاحيان ويقطر خفيفا على السواحل . ويستمر الطقس معتدلا

STATION	Mean of day: Humidity % on 2nd	Diff. from normal	Wet bulb temp °C on 2nd	Diff. from normal
Alexandria	68	+3	16.1	+2.2
Ezbekîya	74	+3	13.9	-0.1
Giza	82	+6	13.1	-0.5
Helwân	67	+8	12.9	+0.9

Giza Grass minimum on 3rd 6.9 °C

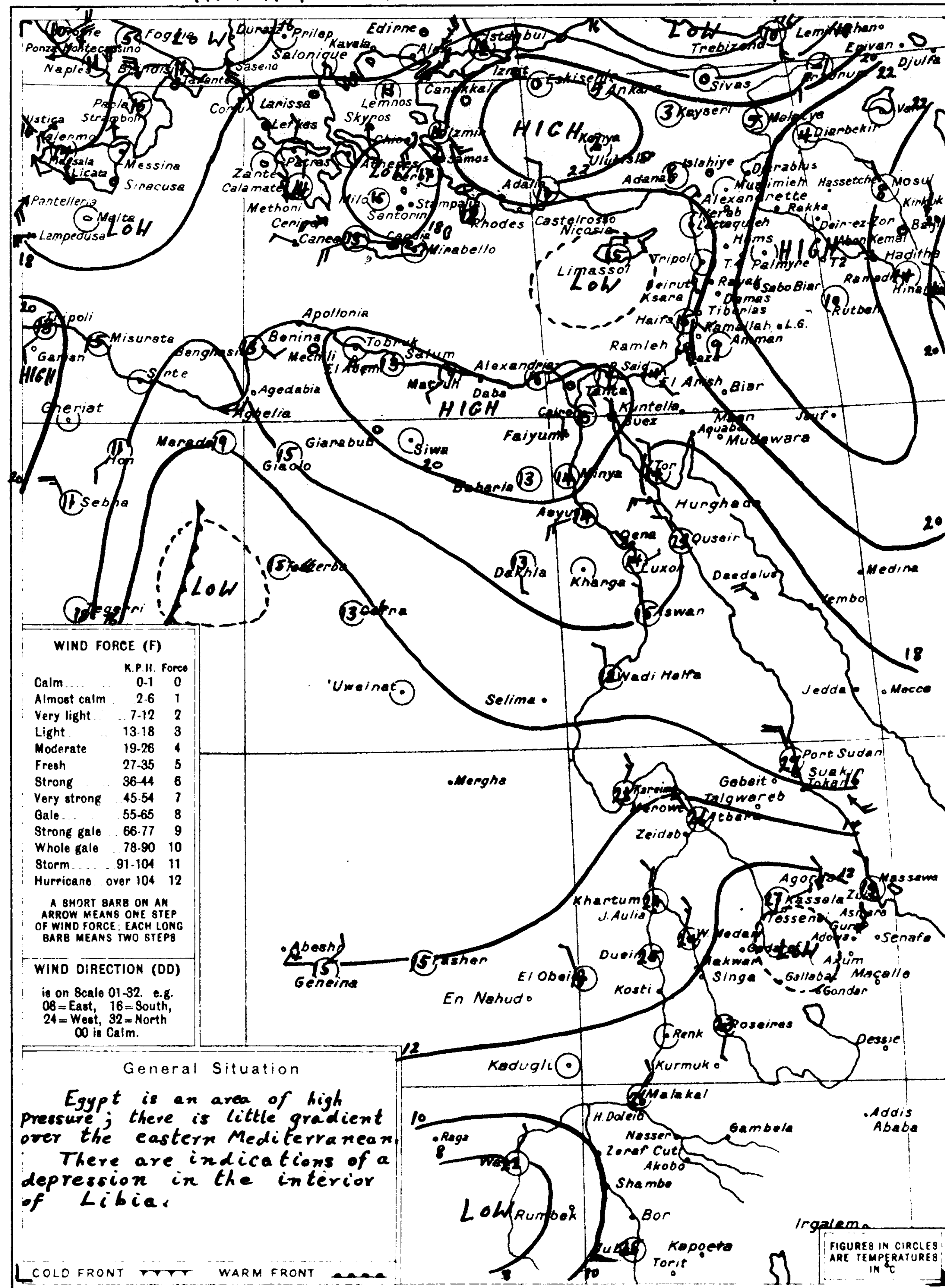
Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
2 – 12	1968	1620
1 – 12	1968	1620

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2 – 12	13.30	-0.26	13.31	-0.25
Nâsser	2 – 12	9.79	-0.10	9.87	-0.05
Malakâl	3 – 12	12.23	-0.01	12.23	-0.02
Roseires	3 – 12	13.74	+0.44	13.78	+0.41
Sennâr Res	2 – 12	20.71	—	20.70	—
J. Aulia U.S	2 – 12	375.67	—	375.68	—
J. Aulia D.S	2 – 12	372.03	-0.38	372.04	-0.39
Khartûm	2 – 12	11.49	-0.27	11.50	-0.28
Kh. el Girba	—	—	—	—	—
'Atbara	2 – 12	11.00	-0.14	11.04	-0.11
Kajnarti	2 – 12	135.01	-0.11	135.03	-0.15
Aswân Res.	2 – 12	120.67	—	120.67	—
Aswân D.S.	2 – 12	87.24	+0.31	87.25	+0.32
Rôda (Cairo)	3 – 12	16.18	-0.14	16.24	-0.11

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

١٩٣٩-١٢-٣ Isobars, Wind and Temperature at 8 h. 3-12-1939



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 an area of high pressure; there is little gradient over the eastern Mediterranean.
There are indications of a depression in the interior of Libia.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 3rd — الساعة ٨ يوم ٣-١٢

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.
LIMASSOL	00	7	00	0	0	0	—	18.7	+1.5	15	—	—	—	—	—	0	89	96
HAIFA	02	—	10	2	—	4	—	20.2	+3.9	15.4	22	0	13	+1	81	0	45	119
Siwa 2nd	00	8	00	0	0	0	—	24.0	+4.9	16.3	25	+2	—	—	86	0	1	1
Kharga 2nd	02	7	32	2	1	4	Ci	18.8	+0.8	15.8	25	-2	12	+3	59	0	0	tr
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 06 h 35 m
„ „ Sunset 16 h 55 m

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 3rd الساعة ١٤ يوم ٣ — At 8 h. on MONDAY 4th الساعة ٨ يوم الاثنين ٤

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 (M.S.L. 1000+ mbs.)	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	03	7	22	1	2	8	Cb.	18.6	17.4	77	01	7	16	1	5	3	Sc.	16.7	-1.4	16.7	19	—	13	—	72	dr.	30	—	130
	MATRUH	03	6	30	1	2	8	Cb.	18.4	20.2	79	01	9	14	1	0	2	Ci.	17.5	-0.7	16.0	21	0	13	+1	82	0	37	41	131
	DIKHEILA	03	8	30	2	1	6	Cs.	19.2	21.0	70	01	8	08	2	1	3	Ac.	17.8	—	17.1	24	—	15	—	81	0	15	—	150
	ALEXANDRIA	02	9	04	1	2	5	Ac.	18.7	22.2	61	00	9	04	2	0	0	—	17.1	-1.4	17.3	24	+2	15	+1	77	0	8	45	132
	DAMIETTA											02	7	00	0	2	4	Ac.	17.9	—	17.1	23	—	15	—	89	0	19	25	159
	PORT SAID	02	6	30	3	1	5	Cs.	18.7	20.8	68	02	6	10	2	1	4	Ac.	17.2	+0.1	18.9	22	0	16	+2	84	0	13	17	134
	EL 'ARISH	02	9	04	2	1	4	Cu.	19.5	20.1	57	03	8	16	1	2	6	Cb.	17.5	—	13.5	25	—	12	—	82	0	31	18	135
LOWER EGYPT	DAMANHUR											01	8	04	3	1	3	Cu.	17.2	-1.2	15.6	24	+1	14	+3	91	0	tr.	19	136
	MANSURA											01	8	12	2	1	3	Sc.	17.2	—	15.0	23	-1	14	+3	88	0	11	11	137
	TANTA	03	7	00	0	2	8	As.	18.6	22.0	58	02	7	04	2	1	4	Cu.	17.1	-1.4	16.5	24	+1	14	+4	79	0	1	9	138
	ZAGAZIG	02	9	02	1	0	4	Cu.	19.4	22.9	58	02	7	04	1	1	4	Cu.	17.5	—	15.4	24	0	13	+3	84	0	dr.	7	139
MIDDLE EGYPT	CAIRO ALMAZA	03	8	32	2	2	8	Cs.	18.4	21.8	58	01	7	28	1	2	4	Cc.	17.1	—	17.2	23	—	15	—	62	0	4	—	141
	CAIRO EZBEKIYA	03	7	04	1	1	8	Cu.	18.3	21.9	52	01	6	28	1	1	3	Cu.	16.8	-1.9	15.0	22	0	14	+3	81	0	1	4	—
	CAIRO GIZA	03	7	02	2	2	8	As.	18.2	21.6	57	05	6	00	0	1	4	Ac.	17.0	-2.2	13.4	22	0	13	+3	89	0	1	6	—
	HELWAN	03	7	04	2	2	8	Cs.	17.8	21.9	43	05	5	10	2	1	4	Ac.	17.0	-1.8	17.1	22	0	14	+3	55	0	7	4	143
	SUEZ	03	9	30	2	2	6	As.	17.5	22.0	51	03	7	32	1	—	7	Sc.	16.8	-1.2	16.0	23	-1	14	+1	87	0	44	6	144
UPPER EGYPT	FAIYUM	03	8	00	0	1	8	Cu.	19.5	22.3	56	02	7	00	0	0	4	Cu.	17.2	-1.5	14.8	23	-1	12	+2	78	0	7	0	153
	MINYA	03	6	02	2	2	8	Cs.	17.4	21.9	44	21	4	12	3	5	8	Ns.	16.8	-2.1	16.1	22	0	13	+3	57	dr.	tr.	—	154
	ASYUT	02	7	32	3	1	5	Cs.	16.2	25.0	40	03	6	32	3	1	7	As.	18.2	-0.9	16.0	27	+4	12	+2	74	0	3	2	155
	QENA	02	8	20	1	1	4	Cc.	15.6	25.8	45	03	7	04	1	2	8	As.	17.5	-0.4	15.9	28	+2	12	+2	70	0	1	—	156
	LUXOR	02	9	30	2	1	5	Ci.	15.9	26.0	47	03	8	02	1	2	8	As.	18.3	—	16.0	27	—	11	—	74	0	9	—	157
	ASWAN	02	7	24	1	1	5	Ci.	12.7	30.6	36	02	7	32	1	1	5	Cu.	17.2	-0.5	18.0	31	+4	14	+1	74	0	dr.	—	158
WESTERN DESERT	SIWA	03	7	12	1	2	8	Sc.	18.8	24.4	71																		1	148
	BAHARIYA	03	9	32	1	2	8	As.	19.5	21.2	60	02	9	08	1	1	4	Cu.	17.2	—	15.0	22	—	13	—	91	0	0	—	149
	KHARGA	00	8	04	2	0	0	—	15.4	25.7	31	03	7	32	1	2	8	Cs.	17.1	-1.1	19.3	26	0	15	+6	52	0	0	tr	151
	DAKHLA	03	7	12	1	1	6	Cb.	15.8	26	45	03	6	12	2	3	8	Sc.	17.0	-2.6	17.2	27	+2	13	+4	59	0	0	—	152
RED SEA	TOR	03	6	28	2	1	7	As.	16.6	22.6	63	03	5	32	2	1	7	Ns.	17.2	0.0	17.8	23	-1	13	+1	68	0	20	5	145
	HURGHADA	03	8	32	2	2	6	St.	16.4	23.5	48	13	8	24	2	2	8	Cu.Sc.	18.0	+0.9	19.4	24	-1	14	+1	54	0	43	—	146
	QUSEIR	02	7	02	2	1	5	As.	16.6	23.4	65	02	6	24	2	1	5	As.	18.2	+1.6	21.0	24	-2	18	+1	60	0	2	4	147
	PORT SUDAN											00	—	32	3	1	0	—	15.9	+1.2	27.0	31	+2	24	+2	76	0	36	64	169
NORTH SUDAN	WADI HALFA											03	8	32	2	1	6	Ci.Cs.	15.5	-2.7	18.7	32	+5	14	+3	47	—	—	—	165
	KAREIMA											01	8	04	1	1	3	Ci.	13.3	-2.6	24.0	35	+3	19	+4	54	0	dr.	1	166
	ATBARA											00	—	08	3	0	0	—	13.6	-0.2	26.0	35	+3	20	+3	47	0	1	1	167
	KHARTUM											01	7	02	2	0	3	Ci.	12.3	-0.8	25.6	39	+5	21	+3	37	0	24	5	168
	KASSALA											02	8	04	2	1	5	Cs.	10.8	-1.0	25.8	38	+2	22	+3	70	0	7	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	04	4	0	0	—	11.1	-1.4	26.0	37	+2	20	+2	57	0	44	13	171
	DUEIM																												12	173
	RENK																												—	182
	ROSEIRES											00	—	30	1	1	0	—	10.2	-0.9	27.4	40	+3	18	+1	45	0	72	37	172
	EL OBEID											00	8	30	1	0	0	—	12.5	-2.0	21.1	34	+2	16	+3	50	0	20	19	174
	EL FASHER											00	8	04	3	0	0	—	—	—	16.4	34	+2	13	+2	34	0	4	8	175
	GENEINA											00	8	06	2	0	0	—	—	—	16.0	37	—	12	—	34	0	19	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKAL											01	8	02	3	1	4	Ci.	9.4	-1.6	26.4	37	+1	20	+2	33	0	75	93	176
	WAU											01	—	08	1	0	4	—	8.4	-2.5	22.0	36	0	18	0	80	0	106*	146	177
	JUBA																												133	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.	P. Said 8 h.	MINYA 8 h.	HELWAN 9 h.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 5 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	Fasher 6 h.	Geneina 5 h.
02 21 10	02 15 35	02 09 35	02 15 30	02 13 05	02 13 10	02 03 10	03 05 15	06 08 50	06 04 35	06 07 15	07 03 40	06 03 45	09 02 20	10 06 45
05 18 —	05 15 30	05 10 25	05 17 40	05 19 10	05 12 10	05 04 15	06 08 25	10 09 25	10 04 35	10 09 20	10 05 35	10 03 65	10 05 30	15 15 10
10 21 20	10 15 20	10 15 25	10 21 25	08 19 40	10 18 25		10 09 10	15 31 15	15 04 20	15 11 30	15 07 30	15 04 45	15 07 05	20 18 05
15 22 25	15 21 20	15 22 40		10 22 55	15 21 15		15 17 15	20 35 15	20 04 25	20 09 25	20 07 15	20 03 30	20 12 10	30 16 15
20 22 20		20 22 45		15 23 50	20 18 15		20 21 15	30 31 20	25 36 25	30 36 20	30 19 10	25 04 30	30 17 20	40 15 20
25 21 30		25 22 40		20 23 55	25 20 10		30 24 15		30 36 25	40 33 05	33 20 10	30 05 30		49 14 30
27 19 30		28 22 40		23 21 50			40 26 40		40 32 15			37 12 30		
Ext. Sc.									50 28 10					

Forecast for 24 hours from noon on 4th

On the coast light southeast to south winds, freshening. Inland light winds chiefly between northeast and southeast, freshening. Occasional medium cloud. Remaining mild. Light rain probable near the coast in the west and in Upper Egypt.

Further outlook: Conditions becoming unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤
تهب رياح خفيفة جنوبية شرقية الى جنوبية على الساحل ثم تشتد وتهب رياح خفيفة ما بين الشمال الشرقي والجنوب الشرقي في الداخل ثم تزيد سرعتها. يظهر سحب متوسط ويستمر درجة الحرارة معتدلة. ويحتمل امطار خفيفة على الساحل الغربي وفي الصعيد. وتكون الجو فيما بعد ذلك آخذة في عدم الاستقرار

STATION	Mean of day Humidity % on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	72	+7	16.0	+2.2
Ezbekiya	66	-5	14.7	+0.8
Giza	68	-8	14.1	+0.7
Helwan	57	-2	13.4	+1.5

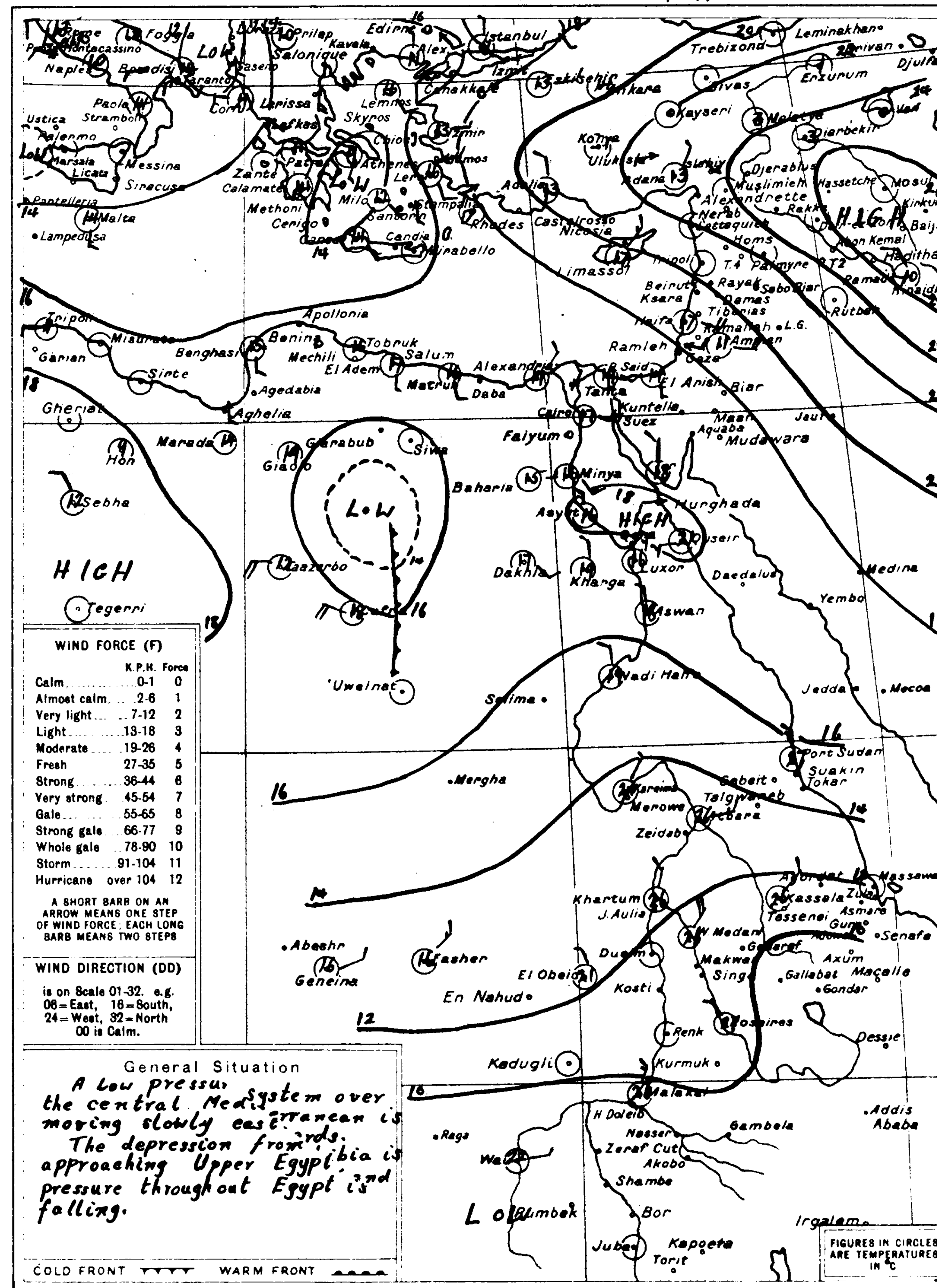
Giza Grass minimum on 4th 10.3 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
4.12	1968	1620
3.12	1967	1620

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	3.12	13.29	-0.26	13.30	-0.26
Nasser	3.12	9.70	-0.16	9.79	-0.10
Malakal	4.12	12.22	-0.01	12.23	-0.01
Roseires	4.12	13.70	+0.42	13.74	+0.44
Sennar Res	3.12	20.72	—	20.71	—
J. Aulia U.S	3.12	375.70	—	375.67	—
J. Aulia D.S	3.12	372.04	-0.36	372.03	-0.38
Khartum	3.12	11.51	-0.24	11.49	-0.27
Kh. el Girba	—	—	—	—	—
Atbara	3.12	10.97	-0.16	11.00	-0.14
Kajnarti	3.12	134.93	-0.13	135.01	-0.11
Aswan Res.	4.12	120.65	—	120.66	—
Aswan D.S	4.12	87.24	+0.31	87.25	+0.32
Roda (Cairo)	4.12	16.15	-0.14	16.18	-0.14

٤-١٢-٣٩ Isobars, Wind and Temperature at 8 h. 4-12-39



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 Low pressure system over the central Mediterranean is moving slowly eastwards. The depression from Libia is approaching Upper Egypt and pressure throughout Egypt is falling.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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

4th — At 8 h. on — الساعة ٨ يوم ٤

STATION المحطة	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	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity	Rain Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	03	6	04	3	2	8		19.9	+2.7	17						0	87	10
Haifa	02	—	10	4	—	5	—	20.6	+4.3	16.8	23	+1	14	+2	53	0	45	126
Siwa 3rd	03	7	00	0	2	8	Sc.	21.6	+2.4	13.0	25	+2	—	—	88	0	1	1
Kharga 3rd	00	8	28	1	0	0	—	19.1	+1.0	15.2	25	-2	13	+4	64	0	0	*
SHIPS سفن																		

Remarks

* Wau rainfall for 5/11/39 should read 2 m.m. instead of 82 m.m. and total rainfall up to date 106 m.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

CAIRO
Time of Sunrise 06 h 36 m
" " Sunset 16 h 35 m

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

STATION	At 14 h. on 4th: Present Weather ww	Visibility V	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	At 8 h. on TUESDAY 5th: Present Weather ww	Visibility V	Wind Dir. DD	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	8	04	1	0	3	Cu.	14.6	19.0	73	00	6	10	1	0	0	—	16.2	-1.8	15.9	21	—	15	—	89	0	30	—	130
MATRUH	00	9	04	2	0	0	—	14.6	22.4	80	00	8	20	1	0	0	—	15.8	-2.4	15.0	25	+4	12	0	85	0	37	43	131
DIKHEILA	00	8	23	2	0	1	Ac.	—	24.1	43	00	8	00	0	0	0	—	17.9	—	17.3	25	—	—	—	67	0	15	—	150
ALEXANDRIA	00	9	20	3	0	0	—	14.7	25.0	34	00	9	16	1	0	0	—	17.0	-1.5	18.2	25	+3	15	+2	60	0	8	46	132
DAMIETTA											00	7	14	1	0	0	—	16.7	—	15.0	24	—	12	—	81	0	19	25	159
PORT SAID	00	7	10	3	1	0	—	14.6	22.1	61	00	7	12	2	0	0	—	16.8	-0.3	19.4	25	+4	15	+1	57	0	13	17	134
EL 'ARISH	02	9	02	2	1	4	Cb.	—	20.1	70	00	9	00	0	0	0	—	17.5	—	13.5	27	—	11	—	61	0	31	18	135
DAMANHUR											00	8	12	2	0	0	—	17.4	-1.0	13.6	25	+2	12	+1	82	0	tr.	20	136
MANSURA											00	8	08	1	0	0	—	17.1	—	14.5	25	+1	11	0	68	0	11	11	137
TANTA	00	8	20	5	0	0	—	14.4	25.0	40	00	8	00	0	0	0	—	17.8	-0.7	17.0	27	+4	10	0	80	0	1	9	138
ZAGAZIG	02	9	20	1	0	4	Cu.	15.2	27.9	38	00	6	12	1	0	0	—	17.4	—	17.9	28	+5	10	0	66	0	tr.	7	139
CAIRO ALMAZA	01	8	20	4	0	2	Cu.	15.6	27.2	40	05	6	00	0	0	0	—	17.4	—	17.4	27	—	15	—	56	0	4	—	141
CAIRO EZBEKIYA	01	8	16	1	1	3	Ac.	15.0	27.9	22	05	5	14	1	0	0	—	17.4	-1.3	13.8	28	+6	11	0	80	0	1	5	
CAIRO GIZA	01	7	20	3	1	4	Cc.	14.8	27.9	22	05	6	14	1	0	0	—	17.5	-1.8	11.9	28	+6	8	-1	76	0	1	7	
HELWAN	02	8	18	2	1	4	Cu.	15.5	25.0	28	00	6	00	0	0	0	—	17.4	-1.0	18.0	26	+5	15	+4	41	0	7	5	143
SUEZ	02	9	12	1	1	4	Ac.	15.2	22.4	73	01	7	00	0	0	3	Cc.	17.2	-0.9	15.1	24	+1	11	-2	72	0	44	6	144
FAIYUM	02	8	00	0	0	4	Cu.	15.5	26.3	37	00	7	00	0	0	0	—	17.5	-1.2	16.8	28	+4	10	0	60	0	7	1	153
MINYA	01	6	32	1	2	3	Ac.	14.8	24.8	34	08	4	00	0	0	0	—	17.4	-1.5	13.8	26	+4	11	+1	72	0	tr.	—	154
ASYUT	02	7	12	3	1	5	Cu.	13.9	21.0	53	00	8	12	3	0	0	—	17.2	-2.0	16.5	23	0	12	+3	47	0	3	2	155
QENA	03	7	10	2	2	8	As.	15.0	22.0	45	01	8	02	1	1	4	Cu.	16.8	-1.2	16.2	28	+2	14	+4	56	0	1	—	156
LUXOR	05	7	26	1	2	8	As.	15.4	24.0	49	01	8	02	1	1	4	Ci.	17.2	—	14.8	25	—	14	—	70	0	9	—	157
ASWAN	01	7	28	1	1	3	Cu.	13.0	29.6	32	01	9	02	1	1	3	Cu.	17.1	-0.7	19.0	31	+4	17	+4	52	0	tr.	—	158
SIWA	00	8	00	0	0	0	—	14.7	24.1	67																		2	148
BAHARIYA	00	9	32	1	0	0	—	15.2	20.8	62	00	9	32	1	0	0	—	18.2	—	11.1	21	—	8	—	67	0	0		149
KHARGA	03	7	04	1	2	8	Cc.	14.2	26.6	39																		tr.	151
DAKHLA	03	7	12	3	2	7	Sc.	14.4	27.0	49	02	6	00	0	1	5	Sc.	18.6	-1.0	12.3	28	+3	10	+1	73	0	0	—	152
TOR	03	6	28	2	2	7	Ns.	15.6	24.0	47	01	6	32	3	0	3	Cu.	17.0	-0.2	16.9	24	0	13	+2	57	0	20	5	145
HURGHADA	13	8	30	2	2	8	Cb.	14.8	23.9	55	02	8	22	1	1	4	Ac.	16.8	-0.4	21.4	25	0	15	+2	54	0	43	—	146
QUSEIR	02	6	02	2	2	5	As.	16.4	24.0	69	02	7	26	1	3	5	Ac.	17.2	+0.5	24.8	25	-1	20	+3	64	0	2	4	147
PORT SUDAN											00	—	02	3	0	0	—	17.9	+3.1	27.6	31	+2	24	+2	77	0	36	65	169
WADI HALFA											02	8	32	2	0	5	Ac, Cc.	15.7	-2.6	19.4	33	+6	15	+4	64	—	—	—	165
KAREIMA											01	8	04	2	1	4	Ci.	14.7	-1.3	24.0	36	+4	19	+4	47	0	tr.	1	166
'ATBARA											00	—	04	3	0	0	—	14.3	+0.4	25.0	37	+5	19	+3	47	0	1	1	167
KHARTUM											03	8	30	2	1	6	Ci, Cc.	12.6	-0.5	25.0	39	+5	21	+3	42	0	24	5	168
KASSALA											00	8	30	1	0	0	—	10.7	-1.6	26.3	36	+1	20	+1	56	0	7	11	170
WAD MEDANI											00	—	02	4	0	0	—	11.2	-1.4	25.4	38	+3	18	0	51	0	44	13	171
DUEIM																												12	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	10.4	-0.8	25.7	39	+2	18	+1	51	0	72	37	172
EL OBEID											02	8	30	1	1	5	Ci.	12.0	-2.6	21.9	36	+4	18	+5	44	0	20	19	174
EL FASHER											00	8	30	2	0	0	—	—	—	20.0	36	+4	15	+4	49	0	4	8	175
GENEINA																												—	179
KADUGLI																												—	187
MALAKAL											01	8	04	3	1	4	Ci.	9.2	-1.8	26.7	39	+3	20	+2	32	0	75	93	176
WAU											00	—	32	1	0	0	—	9.7	-1.2	21.6	38	+2	18	0	77	0	106	146	177
JUBA											01	8	28	2	1	3	Ci.	10.4	-0.3	25.0	38	+2	20	0	76	0	214	133	178

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

UPPER WINDS ON 5th الرياح العليا يوم ٥

SALUM 7 h	MATRUH 7 h	P. SAID 8 h	MINYA 8 h	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 5 h	KAREIMA 5 h	KHARTUM 7 h	KASSALA 6 h	EL OBEID 6 h	MALAKAL 3 h	JUBA 7 h	FASHER 6 h
02 11 05	02 18 10	02 16 20	05 15 10	02 15 05	02 13 15	02 03 10	03 03 10	06 01 20	06 03 35	06 06 05	07 03 40	06 02 60	06 27 30	09 02 25
05 11 —	05 12 15	05 17 15	10 15 05	05 22 05	05 14 10	05 09 10	06 07 25	10 03 25	10 04 35	10 07 10	10 04 45	10 03 50	10 21 40	10 06 45
10 18 10	10 19 10	10 11 05	15 22 35	08 20 10	10 19 10	10 04 05	10 11 10		15 03 25	15 03 30	15 04 25	15 03 55	15 18 40	15 10 30
15 22 10	15 20 15	15 18 20	20 24 45	10 18 10	15 20 30	15 08 10	15 09 10		20 04 15	20 34 40	20 07 05	20 05 40	20 18 60	20 09 30
20 19 05	20 20 25	20 18 15	25 23 35	15 21 05	20 21 40	20 16 20	20 04 05		27 11 10	30 27 10	23 18 05		30 14 35	30 15 20
25 18 20	25 20 30			20 23 40			30 12 05			40 13 10			40 14 35	39 20 20
30 22 25	30 20 30			23 23 40			40 30 05			43 13 15			44 12 35	
35 24 25				25 22 35										
40 23 35				30 22 40										
				35 22 65										

Forecast for 24 hours from noon on

Light winds chiefly southerly. Clear or occasional medium cloud. Remaining mild. Upper Egypt cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

رياح خفيفة اغلبها جنوبيه - السماء صحو او يظهر بها بعض السحاب المتوسط احيانا يستمر الطقس معتدلا . ويبرد قليلا في الصعيد

STATION	Mean of day: Humidity % 4th	Diff. from normal	Wet bulb temp. °C 4th	Diff. from normal
Alexandria	68	+3	15.6	+1.9
Ezbekiya	61	-10	14.2	+0.5
Giza	75	-1	13.8	+0.5
Helwan	41	-18	13.3	+1.5

Giza Grass minimum on 5th 4.9 °C

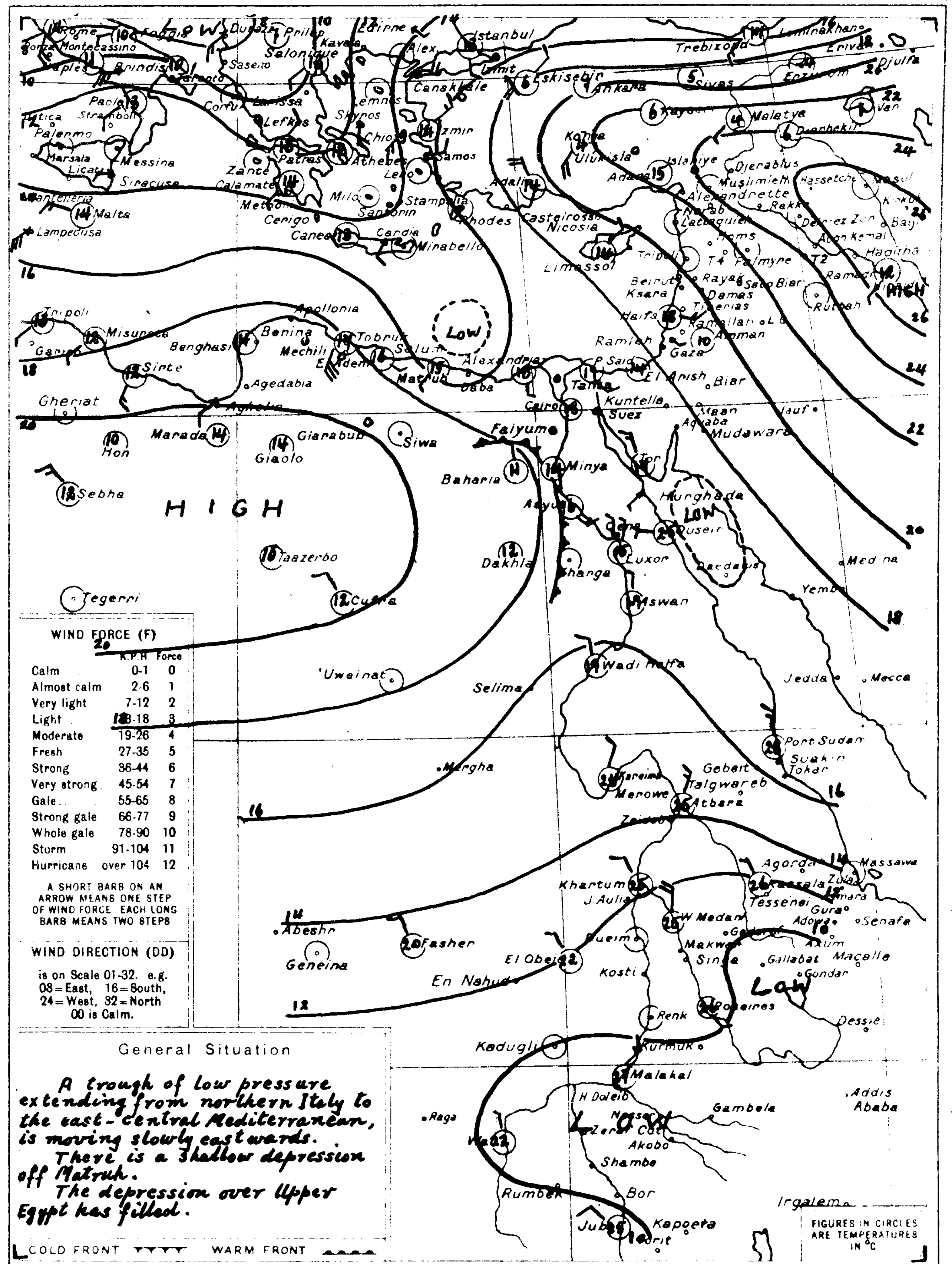
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1939	1938
5. 12	1968	1620
4. 12	1968	1620

GAUGE	Date 1939	Reading m	Diff. from normal m.	Previous day Reading m.	Diff. from normal m
Juba	4.12	13.28	-0.27	13.29	-0.26
Nasser	4.12	9.62	-0.19	9.70	-0.16
Malakal	5.12	12.21	-0.01	12.22	-0.01
Roseires	5.12	13.67	+0.42	13.70	+0.42
Sennar Res	4.12	20.73	—	20.72	—
J. Aulia U.S	4.12	375.75	—	375.70	—
J. Aulia D.S	4.12	372.04	-0.35	372.04	-0.36
Khartum	4.12	11.54	-0.22	11.51	-0.24
Kh. el Girba	—	—	—	—	—
'Atbara	4.12	10.95	-0.16	10.97	-0.16
Kajnarti	4.12	134.86	-0.12	134.93	-0.13
Aswan Res.	5.12	120.63	—	120.65	—
Aswan D.S	5.12	87.23	+0.30	87.24	+0.31
Roda (Cairo)	5.12	16.11	-0.15	16.15	-0.14

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

١٩٣٩-١٢-٥ Isobars, Wind and Temperature at 8 h. 5-12-1939



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 extending from northern Italy to the east-central Mediterranean, is moving slowly eastwards.
There is a shallow depression off Matruh.
The depression over Upper Egypt has filled.

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 5th: Present Weather ww	Visibility V	Wind Dir. DD	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	6	24	2	0	0	—	18.2	+1.0	14	—	—	—	—	—	0	89	104
HAIFA	00	—	10	3	—	0	—	18.6	+2.3	18.4	22	0	15	+3	44	2	47	132
SIWA 4th	00	8	00	0	0	0	—	18.4	-0.8	14.8	20	-2	—	—	71	0	1	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	13
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	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

CAIRO
Time of Sunrise 06h 37m
" " Sunset 16h 55m

Month DECEMBER 1939 ١٩٣٩ ديسمبر شهر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

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
SALUM	02	8	18	1	1	4	Ac.	15.1	22.6	62
MATRUH	00	8	18	2	0	0	—	15.4	23.6	75
DIKHEILA	00	8	28	2	0	0	—		21.7	62
ALEXANDRIA	00	9	00	0	0	0	—	16.0	23.5	59
DAMIETTA										
PORT SAID	00	7	02	3	0	0	—	15.6	22.4	69
EL ARISH	00	9	02	3	0	0	—	16.0	22.1	43
DAMANHUR										
MANSURA										
TANTA	00	8	00	0	0	0	—	15.6	26.0	36
ZAGAZIG	00	9	28	1	0	0	—	15.6	29.3	34
CAIRO ALMAZA	00	8	20	2	0	0	—	16.0	28.1	42
CAIRO EZBEKIYA	00	8	16	1	0	0	—	15.5	27.9	30
CAIRO GIZA	00	8	12	2	0	0	—	15.1	28.4	31
HELWAN	00	7	18	2	0	0	—	15.5	26.4	27
SUEZ	00	9	14	2	0	0	—	15.6	23.6	53
FAIYUM	00	8	00	0	0	0	—	15.6	29.0	34
MINYA	01	7	28	2	1	3	Cs.	15.4	25.2	46
ASYUT	02	7	12	2	1	5	Cu.	15.2	26.0	48
QENA	02	8	20	1	2	5	Ac.	14.6	29.9	41
LUXOR	02	7	30	1	1	5	Cu.	15.2	28.8	47
ASWAN	02	7	24	1	1	5	Cu.	13.5	31.0	32
SIWA	00	8	28	1	0	0	—	17.8	22.0	69
BAHARIYA	00	9	30	1	0	0	—	15.8	21.5	59
KHARGA	00	8	04	1	0	0	—		26.2	41
DAKHLA	02	7	30	1	1	5	Sc	15.5	27.0	49
TOR	01	7	28	2	0	3	Cc.	15.4	26.1	60
HURGHADA	02	8	22	2	1	4	St.	15.4	25.0	65
QUSEIR	02	6	06	2	1	5	Ac.	15.8	25.4	74
PORT SUDAN										
WADI HALFA	02	8	32	3	1	5	Ac.	—	—	—
KAREIMA	00	8	—	—	0	0	—	11.2	35	25
ATBARA	02	—	06	2	0	4	—	9	37	25
KHARTUM	02	—	04	1	1	5	—	7.5	37	24
KASSALA	01	8	04	2	0	3	—	5.3	38	25
WAD MEDANI	00	—	30	2	0	0	—	6	37	10
DUEIM	01	—	—	—	2	3	—	7	39	10
RENK	01	7	27	1	0	3	Ac.	5.5	39	19
ROSEIRES	00	—	04	2	0	0	—	6	38	25
EL OBEID	01	8	28	2	0	2	—	—	35	25
EL FASHER	00	—	04	3	0	0	—	—	35	10
GENEINA	01	8	08	4	0	4	—	—	36	08
KADUGLI	09	7	14	5	1	2	—	5.1	38	18
MALAKAL	01	8	04	3	1	2	Cu.	4.4	38	16
WAU	01	—	08	4	0	3	—	4	37	25
JUBA	02	8	18	2	0	5	Cu.	4.5	37	—

At 8 h. on WEDNESDAY 6th الساعة ٨ يوم الاربعاء ٦

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. 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	24	3	0	3	Ac.	21.0	+3.0	9.9	23	—	9	—	95	0	30	—	130
MATRUH	02	7	20	2	1	4	Cb.	20.0	+1.7	13.0	25	+4	12	0	83	0	37	44	131
DIKHEILA	01	8	22	2	0	4	Cu.	20.7	—	15.7	23		—	—	76	0	15	—	150
ALEXANDRIA	02	9	24	3	2	4	Ac.	19.8	+1.3	20.1	25	+3	14	+1	63	0	8	48	132
DAMIETTA	00	8	20	2	0	0	—	19.5	—	15.0	24	—	13	—	81	0	19	26	159
PORT SAID	00	7	20	2	0	0	—	18.8	+1.6	19.0	25	+4	14	0	86	0	13	18	134
EL ARISH	00	9	00	0	0	0	—	18.8	—	14.7	23	—	12	—	76	0	31	19	135
DAMANHUR	00	7	20	2	0	0	—	20.4	+2.0	12.4	28	+5	11	0	82	0	tr.	21	136
MANSURA	00	8	24	2	0	0	—	20.7	—	14.7	26	+3	12	+1	71	0	11	11	137
TANTA	00	8	20	2	0	0	—	20.3	+1.7	14.0	28	+5	10	0	75	0	1	9	138
ZAGAZIG	00	6	20	1	0	0	—	21.0	—	16.8	30	+7	10	0	69	0	dr.	7	139
CAIRO ALMAZA	05	6	18	1	0	0	—	20.7	—	16.8	28	—	13	—	63	0	4	—	141
CAIRO EZBEKIYA	00	6	16	2	0	0	—	20.7	+2.0	15.0	29	+7	13	+2	68	0	1	5	—
CAIRO GIZA	05	7	14	1	0	0	—	21.1	+1.8	14.4	29	+7	10	+1	74	0	1	7	—
HELWAN	05	6	00	0	0	0	—	21.2	+2.9	15.2	27	+6	14	+3	65	0	7	5	143
SUEZ	00	8	32	2	0	0	—	20.0	+1.8	18.9	25	+2	13	0	57	0	44	6	144
FAIYUM	00	7	00	0	0	0	—	21.5	+2.7	17.0	30	+7	10	0	52	0	7	1	153
MINYA	08	4	00	0	0	0	—	21.4	+2.4	14.9	27	+5	12	+2	64	0	tr.	—	154
ASYUT	02	6	22	3	1	4	Ci.	21.1	+1.8	14.3	28	+5	13	+4	70	0	3	2	155
QENA	02	8	26	2	2	5	Cu.	19.1	+1.1	18.7	31	+5	14	+4	59	0	1	—	156
LUXOR	02	8	06	1	1	5	As.	19.5	—	17.5	31	—	13	—	75	0	9	—	157
ASWAN	01	7	02	1	1	3	Cu.	18.0	+0.1	21.0	32	+5	18	+6	41	0	dr.	—	158
SIWA	00	8	00	0	0	0	—	24.2	+4.9	14.1	25	+3	—	—	66	0		2	148
BAHARIYA	00	9	32	1	0	0	—	21.8	—	12.5	23	—	11	—	83	0	0	—	149
KHARGA	02	7	32	1	1	4	Cc.	20.2	+1.9	19.2	21	+1	15	+6	61	0	0	tr.	151
DAKHLA	03	6	28	5	2	6	Sc.	21.2	+1.5	16.5	29	+4	13	+5	68	0	0	—	152
TOR	20	5	32	3	5	4	Cb.	18.7	+1.4	21.8	27	+3	17	+6	72	dr.	20	5	145
HURGHADA	02	8	04	1	2	5	Ac.	18.2	+1.0	21.8	28	+3	18	+5	62	0	43	—	146
QUSEIR	02	6	14	1	2	5	Ac.	18.3	+1.6	25.1	28	+2	20	+3	74	0	2	4	147
PORT SUDAN	00	—	10	2	1	0	—	17.5	+2.7	29.8	31	+2	25	+3	70	0	36	66	169
WADI HALFA	01	8	32	2	0	3	Cs.	17.3	−1.1	19.8	34	+7	16	+6	57	—	—	—	165
KAREIMA	00	7	04	1	0	0	—	15.5	−0.6	24.0	36	+4	19	+4	47	0	dr.	1	166
ATBARA	00	—	04	3	0	0	—	15.1	+1.1	25.0	37	+5	20	+4	48	0	1	1	167
KHARTUM	00	8	32	2	0	0	—	13.7	+0.5	24.6	38	+4	21	+4	49	0	24	5	168
KASSALA	01	8	06	2	0	3	Ci.	11.4	−0.5	29.2	39	+4	23	+4	41	0	7	11	170
WAD MEDANI	00	—	06	4	0	0	—	12.2	−0.4	26.3	38	+3	17	0	49	0	44	13	171
DUEIM	01	8	05	2	0	3	Ci.	12.7	0.0	25.6	—	—	21	+4	49	0		12	173
RENK																		—	182
ROSEIRES	00	—	18	1	0	0	—	11.5	+0.3	25.7	39	+2	17	0	46	0	72	37	172
EL OBEID	02	8	30	2	1	5	Ci.	13.2	−1.5	21.3	35	+3	17	+4	43	0	20	19	174
EL FASHER	01	8	32	3	0	4	Cs.	—	—	18.5	35	+3	15	+4	32	0	4	8	175
GENEINA	01	8	08	2	1	4	Ac.Ci.	—	—	17.8	38	—	13	—	38	0		—	179
KADUGLI																		—	187
MALAKAL	01	8	04	3	1	4	Ac.Cc.	9.8	−1.3	26.8	39	+3	20	+2	27	0	75	93	176
WAU	00	—	18	1	0	0	—	9.7	−1.2	23.2	38	+2	19	+1	58	0	106	146	177
JUBA	01	8	30	3	1	4	Ac.Cc.	10.9	+0.1	24.1	39	+3	20	0	68	0	214	133	178

UPPER WINDS ON 6th الرياح العليا يوم ٦

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

SALUM 7h	MATRUH 7h	P.SAID 8h	CAIRO	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 5h	KHARTUM 5h	KASSALA 7h	EL OBEID 6h	MALAKAL 6h	JUBA 7h	GENEINA 7h
02 29 20	02 28 30	02 29 30		02 20 05	02 31 25	02 02 15	03 03 25	06 07 55	06 04 35	06 09 10	07 02 40	06 01 60	06 26 25	10 04 40
05 28 —	05 29 40	05 30 20		05 30 20	05 31 25	05 07 15	06 04 40	10 05 50	10 04 35	10 08 15	10 04 50	10 03 30	10 22 30	15 07 75
10 28 25	10 29 30	10 28 20		08 30 25	10 32 30	10 13 15	10 05 35	15 04 60	15 03 20	15 06 30	15 02 40	15 05 20	15 18 45	20 01 50
15 28 20	15 28 30	11 25 30		10 27 20	15 30 35	15 16 10	15 08 10	20 04 45	20 01 15	20 06 25	20 36 20	20 07 20	20 18 60	30 19 15
20 28 35				15 24 40			20 12 15	30 04 45	25 35 10	30 17 15	25 02 40	25 08 20	30 16 30	40 19 15
25 26 35				20 25 45			30 07 15	32 04 35		40 20 10		30 07 15	40 15 25	49 24 15
27 25 40				23 25 40			35 09 20			49 19 05		40 11 20	47 15 20	
												50 13 40		
												53 12 40		

Forecast for 24 hours from noon on 6th

Winds generally westerly, light to moderate inland, moderate to fresh on the coast. Clear at first, occasional medium or low cloud later.
Possibility of light showers on the coast.
Slightly cooler tomorrow.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٦
رياح غربية على العموم خفيفة و المعتدله فى الداخل وبين المعتدله والشديده نزعا على السواحل
السماء صحو اولا ويظهر السحاب المتوسط او المنخفض فيما بعد
يحتمل تساقط مطر خفيف على السواحل
ويبرد الطقس قليلا غدا

STATION	Mean of day Humidity % on 5th	Diff. from normal	Wet bulb temp °C on 5th	Diff. from normal
Alexandria	63	−2	16.8	+3.2
Ezbekiya	65	−6	14.5	+1.0
Giza	69	−8	13.7	+0.6
Helwan	37	−22	13.8	+2.1

Giza Grass minimum on 6th 7.1 °C

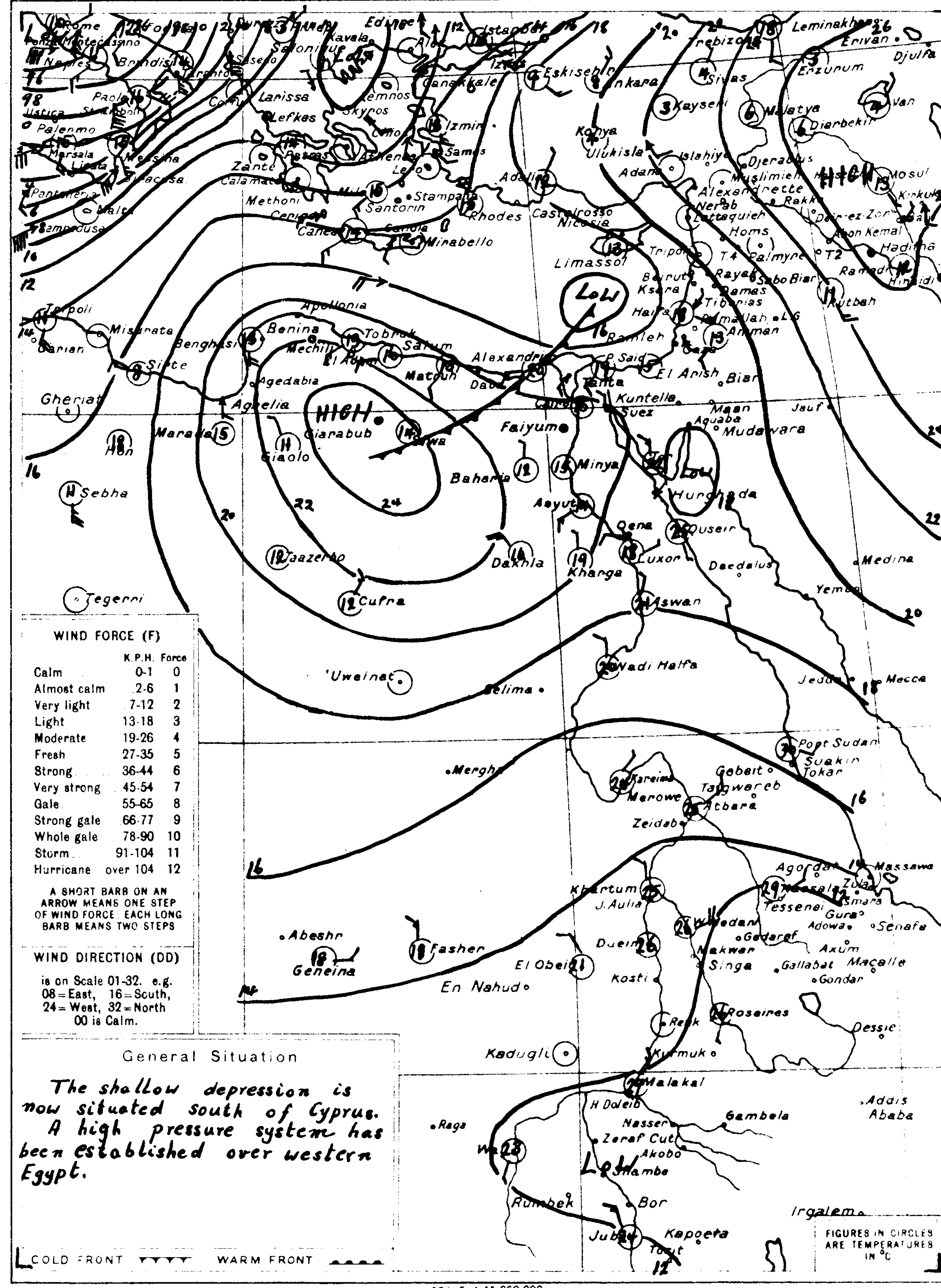
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
6.12	1968	1620
5.12	1968	1620

GAUGE	Date 1939	Reading m.	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	5.12	13.30	−0.24	13.28	−0.27
Nasser	5.12	9.54	−0.22	9.62	−0.19
Malakal	6.12	12.20	−0.01	12.21	−0.01
Roseires	6.12	13.63	+0.40	13.67	+0.42
Sennar Res	5.12	20.72	—	20.73	—
J. Aulia U.S	5.12	375.71	—	375.76	—
J. Aulia D.S	5.12	372.06	−0.32	372.04	−0.35
Khartum	5.12	11.56	−0.21	11.54	−0.22
Kh. el Girba	—	—	—	—	—
Atbara	5.12	10.94	−0.16	10.95	−0.16
Kajnarti	5.12	134.78	−0.13	134.86	−0.12
Aswan Res.	6.12	120.60	—	120.63	—
Aswan D.S	6.12	87.22	+0.29	87.23	+0.30
Roda (Cairo)	5.12	16.11	−0.15	16.15	−0.14

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

٦-١٢-١٩٣٩ Isobars, Wind and Temperature at 8 h. 6-12-1939



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 shallow depression is now situated south of Cyprus.
A high pressure system has been established over 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

At 8 h. on 6th الساعة ٨ يوم ٦

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday MM	Diff.	Min. Today mm	Diff.	Humidity UU	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	6	00	0	1	3	—	17.8	+0.6	13	—	—	—	—	—	0	89	107
Haifa	00	—	10	3	—	0	—	18.0	+1.7	17.5	26	+4	15	+3	50	0	47	139
Siwa 5th	00	8	00	0	0	0	—	18.8	+0.4	12.1	25	+3	—	—	75	0	1	2
Kharga 5th	00	8	00	0	0	0	—	17.6	−0.6	18.6	27	+1	12	+3	59	0	0	tr.

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 37
" " Sunset 16 35

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

1417 F.C.

At 14 h. on 6 th — الساعة ١٤ يوم ٦

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESS. M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	UU	
SALÛM	00	8	26	3	0	0	—	20.6	20.1	51	130
MATRÛH	00	9	28	3	0	0	—	21.4	19.8	88	131
DIKHEILA	01	8	29	3	1	4	Cu.	20.8	21.3	61	150
ALEXANDRIA	02	9	28	3	5	4	Ac.	20.6	22.0	58	132
DAMIETTA											159
PORT SAÏD	01	7	20	3	1	3	Cs.	20.0	22.0	55	134
EL 'ARISH	01	9	30	1	1	4	Cu.	20.3	22.1	67	135
DAMANHÛR											136
MANSURA											137
TANTA	02	8	28	2	1	4	Cu.	20.3	22.5	63	138
ZAGAZIG	02	9	20	1	0	4	Cu.	21.2	25.4	48	139
CAIRO (ALMAZA)	00	8	29	3	0	1	Cs.	20.6	23.5	56	141
CAIRO (EZBEKIYA)	00	8	02	1	0	0	—	20.6	23.9	34	
CAIRO (GIZA)	00	8	28	3	0	0	—	21.0	24.0	35	
HELWAN	00	8	26	3	0	0	—	21.0	21.9	38	143
SUEZ	00	9	30	2	0	1	As.	20.0	24.9	29	144
FAIYUM	00	8	02	2	0	0	—	21.1	24.0	37	153
MINYA	01	7	32	3	1	4	Cc.	21.0	22.8	36	154
ASYUT	00	8	28	3	0	0	—	19.6	25.1	40	155
QENA	21	8	26	2	5	4	Cu.	17.2	25.2	51	156
LUXOR	02	9	02	1	1	4	Cu.	17.0	31.0	33	157
ASWAN	02	7	30	3	1	5	Cu.	14.7	31.0	28	158
SIWA	00	8	00	0	0	0	—	20.7	33.0	67	145
BAHARIYA	00	9	30	1	0	0	—	21.1	21.3	48	149
KHARGA	00	8	04	3	0	0	—	16.6	25.7	44	151
DAKHLA	01	8	04	1	1	4	Sc.	19.9	24.0	57	152
TOR	01	7	28	4	2	3	Cs.	17.2	26.2	65	145
HURGHADA	02	8	32	3	1	4	St.	17.0	26.6	48	146
QUSEIR	02	6	02	1	1	5	Ac.	17.1	25.4	84	147
PORT SUDAN	01	—	28	2	0	3	—	9	30	—	169
WÂDI HALFA											165
KAREIMA											166
'ATBARA											167
KHARTÛM											168
KASSALA											170
WAD MEDANI	01	—	24	1	0	3	—	6	37	25	171
DUEIM	00	—	03	2	0	0	—	9	39	35	173
RENK											182
ROSEIRES	01	—	24	1	0	3	—	8	39	25	172
EL OBEID											174
EL FASHER	01	—	00	0	1	3	—	—	34	10	175
GENEINA	01	8	04	5	0	4	Ac.	—	35	12	179
KADUGLI											187
MALAKAL	02	8	24	1	1	4	Cu.	9.9	34	—	176
WAU											177
JUBA	02	9	12	4	1	5	Cu.	5.2	37	36	178

At 8 h. on THURSDAY 7 th — الخميس ٧ الساعة ٨ يوم

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	M.S.L. 1000+ mbs.	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs mms.	RAINFALL Total from Oct. 1 mms.	RAINFALL Normal from Oct. 1 mms.	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU				
SALÛM	01	7	20	5	0	3	Ac.	21.8	+3.8	15.1	21	—	10	—	66	0	30	—	130
MATRÛH	02	9	18	2	1	5	Cu.	22.3	+4.0	15.0	20	−1	11	0	89	0	37	45	131
DIKHEILA	01	8	16	2	1	4	Cu.	23.1	—	16.1	22	—	12		74	0	15		150
ALEXANDRIA	03	9	08	1	2	6	Ac.	23.0	+4.5	16.1	23	+1	14	+1	80	dr.	8	50	132
DAMIETTA	01	5	00	0	1	3	Cu.	22.6	—	16.4	23		14		96	0	19	26	159
PORT SAÏD	02	6	06	2	1	4	Ac.	22.2	+5.0	16.3	23	+2	16	+2	89	0	13	18	134
EL 'ARISH	02	9	00	0	1	5	Cu.	22.2	—	15.1	23		11		75	0	31	19	135
DAMANHÛR	01	6	28	2	1	3	Cu.	23.4	+5.0	12.6	24	+1	11	0	93	0	tr.	21	136
MANSURA	00	8	16	1	0	0	—	22.8	—	15.2	24	+1	13	+2	89	0	11	11	137
TANTA	00	8	00	0	0	0	—	23.2	+4.6	13.5	25	+2	9	−1	95	0	1	9	138
ZAGAZIG	40	1	26	1	4	9	—	23.9	—	13.9	25	+2	10	0	95	0	dr.	8	139
CAIRO (ALMAZA)	00	8	00	0	0	2	Sc.	22.8	—	14.3	24		12		79	0	4		141
CAIRO (EZBEKIYA)	08	4	00	0	4	0	—	23.2	+4.5	13.6	26	+4	12	+2	93	0	1	5	
CAIRO (GIZA)	47	0	30	2	4	9	—	23.5	+4.1	12.5	25	+3	10	+1	98	0	1	7	
HELWAN	40	3	02	1	4	3	As.	23.0	+4.6	13.7	23	+2	14	+3	92	0	7	5	143
SUEZ	00	8	28	1	0	0	—	22.7	+4.4	15.2	27	+4	12	0	75	0	44	7	144
FAIYUM	01	7	30	1	0	3	Cu.	22.6	+3.8	14.7	26	+3	10	0	82	0	7	1	153
MINYA	08	4	32	1	0	0	—	22.2	+3.2	11.8	23	+1	9	−1	83	0	tr.		154
ASYUT	00	6	22	3	0	0	—	21.4	+2.0	13.1	26	+4	9	0	76	0	3	2	155
QENA	00	8	28	2	0	0	—	22.4	+4.3	14.9	30	+5	13	+3	67	dr.	1		156
LUXOR	00	9	02	1	0	0	—	19.8	—	17.0	33	—	11	—	65	0	9	—	157
ASWAN	00	7	32	1	0	0	—	18.7	+0.7	20.2	32	+5	18	+6	39	0	dr.	—	158
SIWA	00	8	00	0	0	0	—	21.5	+2.2	12.4	25	+3	4	−3	72	0	1	2	145
BAHARIYA	00	9	32	1	0	0	—	21.9	—	10.2	23	—	5	—	77	0	0		149
KHARGA	00	8	04	1	0	0	—	20.0	+1.7	16.8	26	0	13	+4	64	0	0	tr.	151
DAKHLA	00	7	26	1	0	0	—	21.9	+2.1	13.0	25	0	11	+3	77	0	0	—	152
TOR	00	5	32	2	0	0	—	19.5	+2.2	17.5	27	+3	13	+2	61	0	20	6	145
HURGHADA	00	9	30	4	0	0	—	19.6	+2.4	21.1	27	+2	15	+2	49	0	43	—	146
QUSEIR	00	7	30	3	0	0	—	18.7	+1.9	24.0	27	+1	20	+3	60	0	2	4	147
PORT SUDAN	01	—	02	3	1	4	—	15.5	+0.6	28.0	32	+3	25	+3	79	0	36	67	169
WÂDI HALFA	00	8	32	3	0	0	—	17.2	−1.3	20.2	34	+7	17	+7	42	—	—		165
KAREIMA	00	8	04	3	0	0	—	15.6	−0.5	24.0	35	+3	20	+5	47	0	dr.	7	166
'ATBARA	00	—	04	2	0	0	—	13.6	−0.4	25.7	36	+4	21	+5	53	0	1	1	167
KHARTÛM	02	7	32	2	1	5	Cu, Cc	12.4	−0.9	24.4	39	+5	21	+4	54	0	24	5	168
KASSALA	00	8	04	2	0	0	—	10.2	−1.8	28.2	38	+3	23	+5	46	0	7	11	170
WAD MEDANI	00	—	06	3	0	0	—	11.6	−1.1	25.0	38	+3	21	+4	46	0	44	13	171
DUEIM	02	8	03	3	0	5	Cc.	12.2	−0.5	25.0	—	—	21	+5	45	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	20	1	0	0	—	10.8	−0.5	23.9	41	+4	17	+1	45	0	72	37	172
EL OBEID	01	8	30	1	1	4	Cc.	11.9	−2.9	22.1	36	+4	19	+6	44	0	20	19	174
EL FASHER	00	1	00	0	1	5	Cs.	—	—	20.0	35	+3	17	+7	42	0	4	8	175
GENEINA	01	8	04	4	1	4	Cs.	—	—	20.6	37	—	14	—	—	0	19	—	179
KADUGLI																		—	187
MALAKAL	03	8	04	3	1	6	Cs.	9.8	−1.3	26.3	37	+1	20	+2	30	0	75	93	176
WAU	01	—	32	1	0	4	—	8.7	−2.2	22.5	37	+2	20	+2	66	0	106	146	177
JUBA	01	8	30	3	1	3	Ac.	10.1	−0.7	25.6	38	+2	20	0	70	0	214	134	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 7 th — الرياح العليا يوم ٧

SALÛM	MATRÛH	DIKHEILA	ALEXANDRIA	PORT SAÏD	HELWAN	ASYÛT	ASWAN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA	EL FASHER
7 h. m.	7 h. m.	8 h. m.	8 h. m.	8 h. m.	8 h. m.	7 h. m.	7 h. m.	5 h. m.	5 h. m.	7 h. m.	7 h. m.	5 h. m.	3 h. m.	7 h. m.	6 h. m.
02 24 30	02 21	15 05 04	20 05 02	45 02	06 25 02	22 10 02	02 10 03	02 25	06 07 45	06 05 35	06 10	07 01	05	06 36 20	06 28 25	09 02 45
05 20 —	05 22	10 10 05	20 10 35	25 05	05 30	05 03	35 05	03 30	06 05 50	10 07 60	10 03 40	10 11	15 10	02 05	10 02 10	10 21 20	10 03 50
10 24 15	10 14	05 15 04	45 15 32	30 05	03 35	10 01	30 10	06 10	10 05 40	15 04 40	15 04 30	15 14	25 15 04	05	15 05 20	15 16 35	15 03 40
15 23 20	15 18	05 20	36 05	20 29	25 10	05 35	15 31	15 15	10 25	15 06 30	20 07 25	20 05	05 20	15	25 20	36 05	20 03 25	20 15 35	20 33 10
20 44 25		25 28 10			15 06	40 20	25 40			20 04 15	30 35 40	25 20	15 30	16	15 30	17 05	25 04 30	30 15 35	30 05 05
25 20 25		30 29 25			20 35	15				30 36 25	34 03 15	30	20 20	40	03 10	40 27	05 30 04 20	38 15 45	40 06 15
30 22 30		35 27 20			23 34	05				34 01 30		40	01 05		42	36 05	31 05 25		
35 25 45					25 34	05						50	04 15						
37 25 50					30 28	15						53	31 05						
40 25 60					35 27	30													

Forecast for 24 hours from noon on 7 th

On the coast light variable winds becoming moderate southwest.
Inland moderate northeasterly winds.
Occasional medium cloud.
Temperature remaining above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٧

تهب على الساحل رياح خفيفة متغلبة الاتجاه تصير جنوبية غربية معتدلة
وتهب فى الداخل رياح معتدلة شمالية شرقية
تظهر بعض السحاب المتوسط
وتظل درجة الحرارة فوق المعدل.

STATION	Mean of day HUMIDITY %	Diff. from normal	WET BULB TEMP °C	Diff. from normal
	6 th		6 th	
Alexandria	60	−5	16.3	+2.9
Ezbekiya	61	−10	13.5	+0.2
Giza	73	−4	13.4	+0.4
Helwan	49	−11	12.8	+1.2

Grass minimum on 7 th — — °C

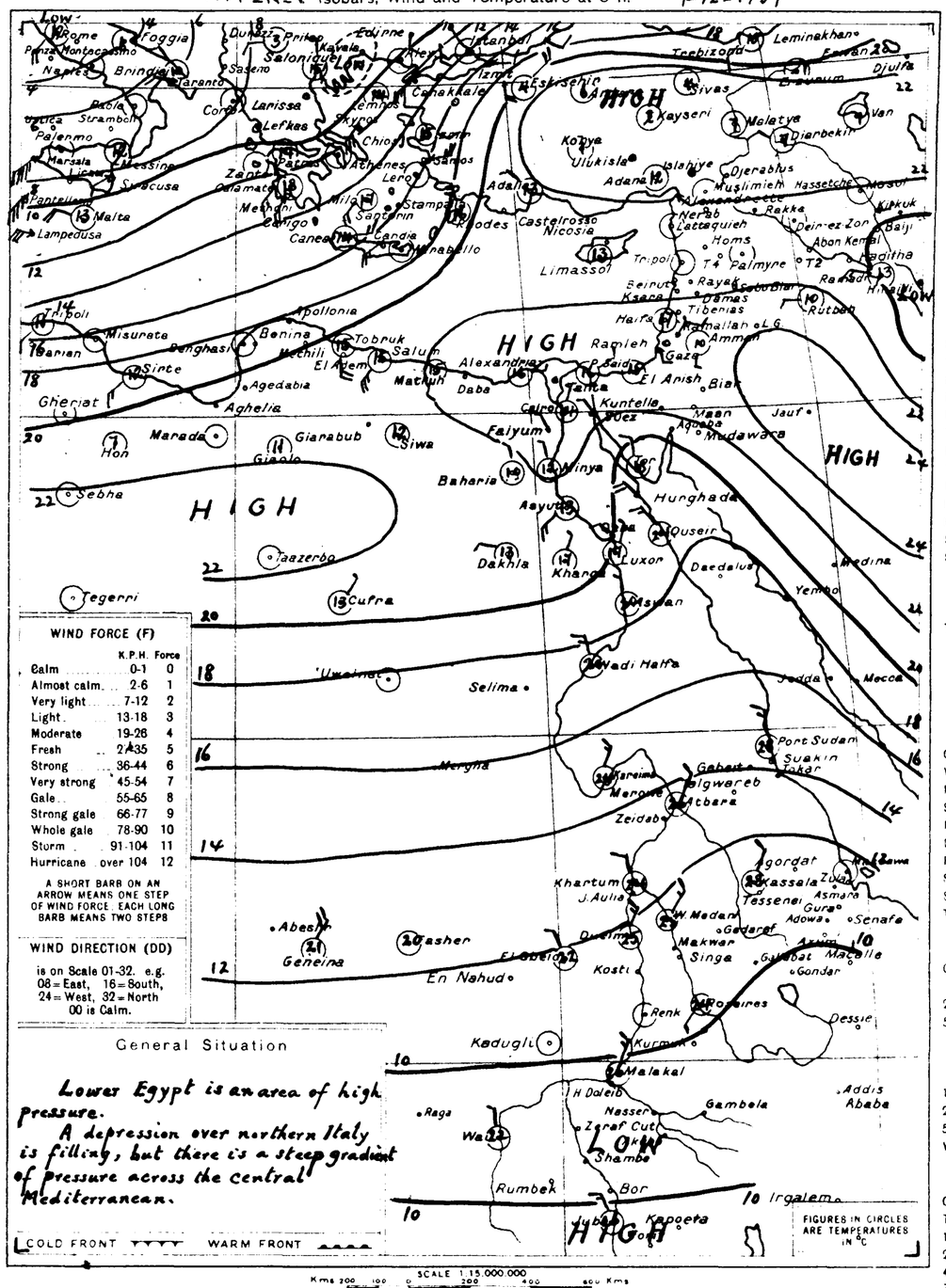
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
7-12	1968	1620
6-12	1968	1820

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	6—12	13.30	−0.23	13.30	−0.24
Nasser	6—12	9.44	−0.27	9.54	−0.22
Malakal	7—12	12.20	0.00	12.20	−0.01
Roseires	7—12	13.58	+0.40	13.63	+0.40
Sennar Res	6—12	20.72	—	20.72	—
J. Aulia U.S	6—12	375.75	—	375.71	—
J. Aulia D.S	6—12	372.06	−0.31	372.06	−0.32
Khartum	6—12	11.56	−0.22	11.56	−0.21
Kh. el Girba					
'Atbara	6—12	10.95	−0.14	10.94	−0.16
Kajnarti	6—12	134.73	−0.15	134.78	−0.13
Aswan Res.	7—12	120.53	—	120.60	—
Aswan D.S	7—12	87.22	+0.29	87.22	+0.29
Roda (Cairo)	7—12	16.13	−0.07	16.13	−0.10

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

Isobars, Wind and Temperature at 8 h. ١٩٣٩-١٢-٧ 7-12-1939



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	19-28	4
Fresh	29-35	5
Strong	36-44	6
Very strong	45-54	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

Lower Egypt is an area of high pressure.
A depression over northern Italy is filling, but there is a steep gradient of pressure across the central Mediterranean.

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 7 th — الساعة ٨ يوم ٧

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs mms.	RAINFALL Total from Oct. 1 mms.	RAINFALL Normal from Oct. 1 mms.
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU			
LIMASSOL	00	7	00	0	0	0	—	21.6	+4.2	13	—	—	—	—	—	2	91	111
HAIFA	01	—	10	2	—	3	—	22.4	+6.0	16.9	25	+3	14	+2	80	1	48	145
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 38 m
" " Sunset 16 h 55 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1939 — شهر ديسمبر ١٩٣٩

Isobars, Wind and Temperature at 8 h. 8-12-39 — ٢٩/١٠/٨

Region	STATION	14h on 7th: ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on FRIDAY 8th: 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
MEDITERRANEAN	SALUM	02	8	16	4	1	4	Ac.	19.0	21.0	44	00	6	16	1	0	1	Sc.	17.5	-0.4	14.9	21	—	13	—	59	0	30	—	130
	MATRUH	01	9	16	1	1	3	Ci	20.0	23.4	80	01	9	18	2	0	2	Ci	18.3	0.0	18.0	25	+4	14	+3	91	0	37	46	131
	DIKHEILA	01	8	32	2	1	3	Cu	20.8	20.4	67	03	8	00	0	1	6	As.	—	—	16.4	22	—	15	—	78	0	15	—	150
	ALEXANDRIA	02	9	04	1	2	4	Ac.	20.2	22.4	58	02	9	10	2	2	7	Ac.	17.1	-1.5	17.2	25	+4	15	+2	75	0	8	52	132
	DAMIETTA											02	6	30	1	2	5	Ac.	17.9	—	18.3	22	—	16	—	78	0	19	27	159
	PORT SAID	01	7	04	3	1	3	Ac.	20.0	21.9	68	01	7	02	2	1	3	Ac.	17.2	-0.1	20.6	24	+3	16	+3	77	0	13	19	134
	EL ARISH	01	9	32	2	1	4	Cu	20.7	20.2	72	03	8	16	1	2	8	—	18.4	—	12.8	25	—	12	—	94	0	31	20	135
LOWER EGYPT	DAMANHUR											03	6	08	3	2	7	Sc.	17.1	-1.3	15.8	26	+3	13	+3	83	0	tr.	22	136
	MANSURA											02	4	32	2	2	5	Sc.	18.0	—	16.9	25	+2	15	+5	81	0	11	11	137
	TANTA	02	7	04	2	1	4	Cu	19.6	23.0	59	02	7	00	0	1	5	Cu	17.2	-1.4	16.0	25	+3	12	+2	89	0	1	9	138
	ZAGAZIG	02	9	02	1	0	4	Cu	18.6	24.4	57	02	7	02	1	0	4	Cu	18.6	—	15.9	25	+2	12	+3	94	0	dr.	8	139
MIDDLE EGYPT (CAIRO)	ALMAZA	01	8	04	5	0	2	Cu.	19.1	24.0	53	05	6	00	0	0	7	Cs.	17.6	—	13.2	—	—	13	—	95	0	4	—	141
	EZBEKIYA	01	8	04	2	1	3	Cu	19.2	24.5	42	02	6	32	2	1	5	Ac.	17.5	-1.3	14.6	26	+4	13	+3	91	0	1	5	—
	GIZA	01	7	04	2	1	4	Cu	19.1	24.9	43	47	1	30	3	4	9	—	17.8	-1.6	13.4	25	+3	12	+3	97	0	1	7	—
	HELWAN	01	9	30	4	0	2	Cu.	18.8	23.0	35	01	5	26	1	2	6	Ac.	17.8	-0.7	14.1	24	+3	14	+3	90	0	7	5	143
	SUEZ	00	9	04	2	0	1	As.	19.0	23.8	37	03	7	28	2	2	7	Sc.	17.4	-1.4	15.9	25	+2	13	+1	80	0	44	7	144
UPPER EGYPT	FAIYUM	01	8	06	2	0	3	Cu	18.3	24.8	42	02	7	24	1	0	6	Ac.	17.1	-1.8	18.0	26	+3	12	+3	71	0	7	1	153
	MINYA	01	6	30	3	1	3	Ci	17.9	22.6	45	03	4	30	1	1	4	Cs.	17.8	-1.3	11.5	23	+2	10	+1	85	0	tr.	—	154
	ASYUT	00	7	26	3	0	0	—	17.4	19.5	68	03	6	10	2	1	7	Sc.	17.8	-1.6	11.8	22	0	10	+1	73	0	3	2	155
	QENA	00	8	22	2	0	0	—	16.0	27.0	40	03	7	28	1	2	6	Cc.	17.1	-1.1	14.4	28	+3	12	+2	66	0	1	—	156
	LUXOR	00	9	02	1	0	0	—	15.5	28.8	41	02	9	04	1	2	5	As.	17.5	—	14.2	31	—	9	—	75	0	9	—	157
	ASWAN	00	7	30	3	0	0	—	13.4	31.3	27	00	7	30	2	0	0	—	14.7	-3.3	20.0	32	+6	17	+5	32	0	dr.	—	158
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	—	—	65	00	8	00	0	0	0	—	21.0	+1.6	13.0	24	+2	7	0	77	0	1	2	148
	BAHARIYA	00	9	02	2	0	0	—	19.9	21.3	47	02	9	14	1	2	5	As.	17.8	—	12.5	23	—	9	—	81	0	0	—	149
	KHARGA	00	8	04	3	0	0	—	17.1	24.4	44	00	8	30	1	0	0	—	18.6	+0.2	15.2	26	0	9	+1	61	0	0	tr	151
	DAKHLA	00	8	30	2	0	0	—	17.9	24.5	50	02	7	10	1	1	5	Ci	18.7	-1.2	11.0	26	+1	8	0	69	0	0	—	152
RED SEA	TOR	00	7	28	4	0	1	Ac.	16.3	23.3	73	03	6	32	2	0	7	Ac	16.6	-0.8	15.0	24	0	11	0	73	0	20	6	145
	HURGHADA	00	9	32	4	0	0	—	15.8	24.1	49	02	9	26	3	1	4	Sc.	16.4	-0.9	18.8	25	0	13	+1	42	0	43	—	146
	QUSEIR	01	6	02	2	0	2	Ad	16.4	25.2	53	01	7	28	2	0	2	Ci	16.6	-0.2	22.4	26	+1	18	+1	48	0	2	4	147
	PORT SUDAN	02	—	08	4	1	5	—	13	29	75	00	—	30	3	1	0	—	14.4	-0.5	26.5	32	+3	23	+1	79	0	36	68	169
NORTH SUDAN	WADI HALFA	01	7	32	4	1	3	—	12.9	38	23	01	8	32	2	1	4	Cs.	15.1	-3.4	19.2	33	+7	15	+5	47	—	—	—	165
	KAREIMA	00	7	04	3	0	0	—	11.6	33	27	01	7	04	1	1	4	Ci	14.3	-1.9	23.0	34	+2	20	+6	53	0	dr.	1	166
	ATBARA	01	—	04	2	0	3	—	9	35	25	00	—	02	3	0	0	—	13.0	-1.1	25.0	35	+3	20	+4	56	0	1	1	167
	KHARTUM	03	7	02	2	1	6	—	7.5	38	25	02	7	02	2	1	5	Ci	11.9	-1.5	25.7	39	+5	21	+4	44	0	24	5	168
	KASSALA	01	8	12	1	0	4	—	5.0	37	24	01	8	06	1	0	3	Ci	9.0	-3.0	28.0	38	+3	22	+4	46	0	7	11	170
CENTRAL SUDAN	WAD MEDANI	02	—	10	3	0	5	—	6	37	15	00	—	04	3	0	0	—	11.0	-1.7	25.1	38	+3	—	—	44	0	44	13	171
	DUEIM	01	8	04	3	1	3	—	7	37	25	01	8	03	3	1	3	Ci	11.6	-1.2	26.4	—	—	22	+6	39	0	17	12	173
	RENK	01	7	20	2	0	3	—	5.5	38	41								—		—		—		—				—	182
	ROSFIRES	01	—	22	1	0	3	—	5	38	25	00	—	14	1	0	0	—	10.4	-0.9	24.4	39	+2	17	+1	47	0	72	37	172
	EL OBEID	03	8	32	2	1	8	As.	6.7	35	25	03	8	30	1	1	7	Cs.	11.8	-3.0	23.6	35	+3	19	+7	40	0	20	19	174
	EL FASHER	02	8	04	3	1	5	—	—	34	15	03	8	28	1	1	6	Cs.	—	—	18.0	35	+3	15	+5	46	0	4	8	175
	GENEINA											03	8	06	4	1	6	Ac.	—	—	20.0	35	—	14	—	34	0	19	—	179
	KADUGLI	01	7	04	5	1	4	—	5.8	37	21																		—	187
S. SUDAN	MALAKAL	01	8	04	1	1	4	—	4.4	38	17	03	8	02	3	1	8	Cs.	9.3	-1.8	25.6	39	+3	21	+3	35	0	75	93	176
	WAU	02	—	08	4	0	5	—	4	37	25	02	—	28	1	0	4	—	8.4	-2.6	23.0	37	+2	19	+1	59	0	106	146	177
	JUBA	01	8	14	3	1	4	Cu	4.0	38	33	03	8	00	0	1	7	Ac	10.4	-0.4	24.8	39	+3	19	-1	76	0	214	134	178

UPPER WINDS ON 8th — الرياح العليا يوم ٨

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

SALUM 7h	MATRUH	DIKHEILA	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA 5h	KAREIMA 5h	KHARTUM 8h	KASSALA 6h	EL OBEID 6h	MALAKAL 7h	JUBA 6h	EL FASHER 6h
02 23 30							03 03 20	06 06 50	06 03 35	06 11 05	07 02 30	06 03 50	06 29 15	09 03 20
05 22 —							06 06 35	10 04 65	10 05 30	10 10 10	10 05 35	10 03 55	10 31 15	10 04 35
10 24 10							10 05 25	15 04 60	15 05 30	15 08 15	15 05 20	15 03 40	15 26 25	15 06 40
15 28 15							15 06 15	20 05 55	20 03 15	20 08 20	20 07 05	20 07 15	20 18 50	20 10 20
19 24 15							20 06 30	23 04 45	30 04 15	30 07 30	30 03 10	25 07 20	30 16 00	30 27 10
20 21 15									31 05 10	40 02 05		30 09 15	40 17 65	40 33 05
25 21 25										50 35 05		40 12 30	50 19 40	45 34 15
30 24 40										56 34 05				
40 30 45														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

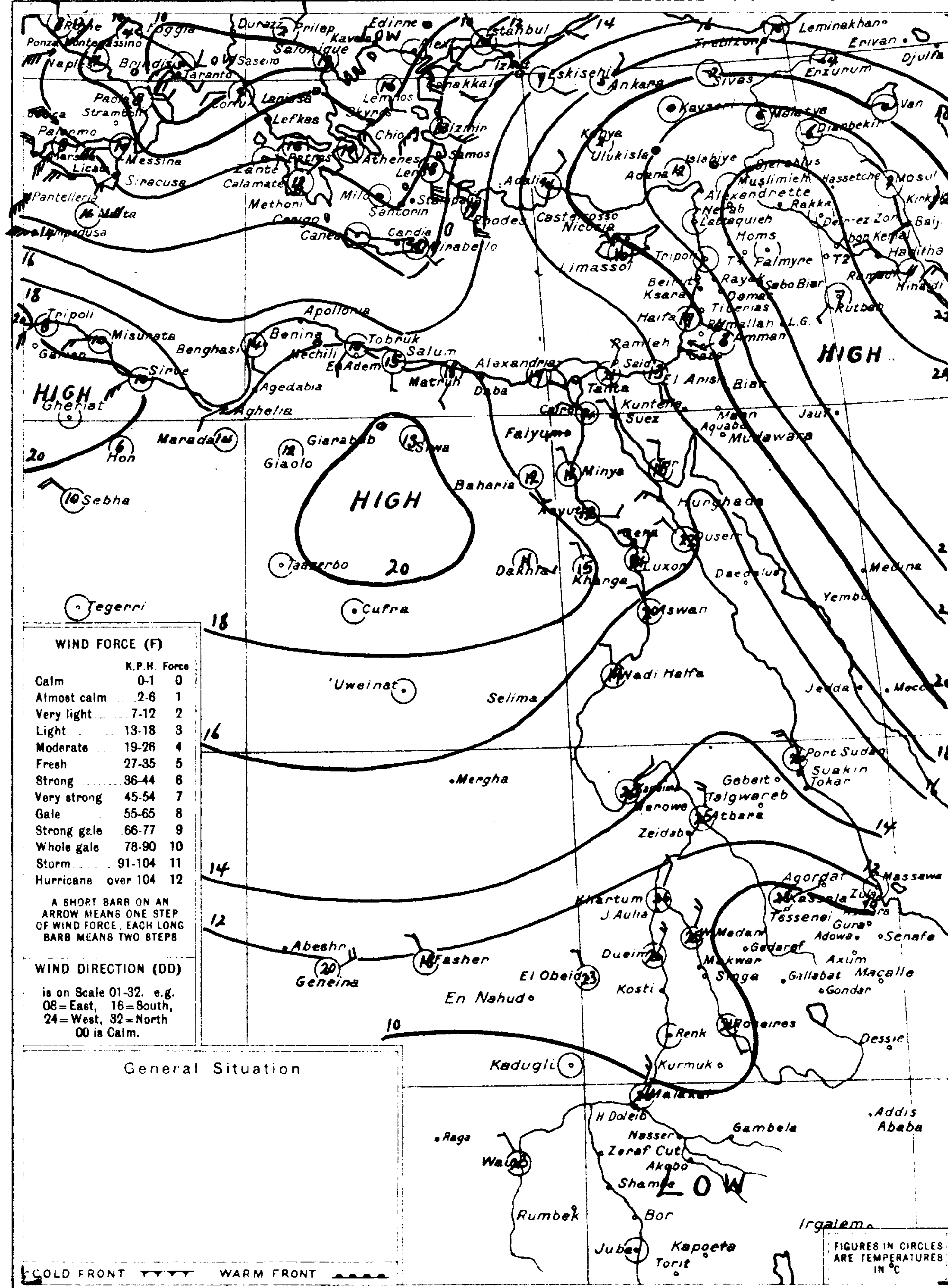
STATION	Mean of day: Humidity % on 7th	Diff. from normal	Wet bulb temp °C on 7th	Diff. from normal
Alexandria	71	+6	15.6	+2.3
Ezbekiya	74	+3	14.8	+1.6
Giza	81	+4	14.7	+1.8
Helwan	74	+14	14.0	+2.5

Giza Grass minimum on 8th 9.7 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
8-12	1887	1620
7-12	1968	1620

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	6-12	13.30	-0.23	13.30	-0.24
Nasser	6-12	9.44	-0.27	9.54	-0.22
Malakal	7-12	12.20	0.00	12.20	-0.01
Roseires	7-12	13.58	+0.40	13.63	+0.40
Sennar Res.	8-12	20.70	—	20.70	—
J. Aulia U.S.	6-12	375.75	—	375.71	—
J. Aulia D.S.	6-12	372.06	-0.31	372.06	-0.32
Khartum	6-12	11.56	-0.22	11.56	-0.21
Kh. el Girba	—	—	—	—	—
Atbara	6-12	10.95	-0.14	10.95	-0.16
Kajnarti	8-12	134.59	-0.24	134.67	-0.18
Aswan Res.	8-12	120.52	—	120.53	—
Aswan D.S.	8-12	87.14	+0.21	87.22	+0.29
Roda (Cairo)	7-12	16.13	-0.07	16.13	-0.10



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

STATION	At 8 h. on 8th: ww	V	DD	F	W	N	C	PPP	Diff from normal mbs	Dry Bulb TTT	Max. Yesterday	Diff.	Min. Today	Diff.	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	28	1	2	8	—	19.2	+1.8	16	—	—	—	—	—	0	91	115
HALFA	03	—	10	4	—	8	—	18.8	+2.4	16.8	22	0	12	+4	53	0	48	152
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 6h 39m

" " Sunset 16h 55m

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

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

1929 .16.9 Isobars, Wind and Temperature at 8 h. 9. 12. 1939.

At 14 h. on 8th 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.s.	TEMP. °C	% HUMIDITY	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	UU	
MEDITERRANEAN — SALUM	00	8	20	5	0	0	—	14.7	21.0	40	130
MATRUH	01	9	18	2	0	2	Cu	15.5	22.6	88	131
DIKHEILA	01	8	28	3	1	3	Cu	—	20.7	60	150
ALEXANDRIA	01	9	28	2	2	3	Cu	15.8	22.1	57	132
DAMIETTA											159
PORT SAÏD	02	7	02	3	1	5	Ac	14.6	21.5	71	134
EL 'ARISH	03	8	12	1	2	6	Cb	14.7	20.8	21	135
LOWER EGYPT — DAMANHUR											136
MANSURA											137
TANTA	02	7	00	0	1	5	Cu	15.2	22.5	63	138
ZAGAZIG	02	9	30	1	0	4	Cu	15.6	24.2	58	139
CAIRO — ALMAZA	01	7	04	2	1	4	Ac	15.5	22.0	71	141
EZBEKIYA	02	8	06	1	2	5	Ac	15.1	22.8	60	
GIZA	02	7	00	0	1	4	Sc	15.4	23.4	62	
HELWAN	05	6	00	0	1	4	Cu	15.5	20.0	65	143
SUEZ	02	8	16	1	1	5	Sc	15.1	21.8	53	144
MIDDLE EGYPT — FAIYUM	03	8	00	0	0	6	Sc	16.0	19.5	68	153
MINYA	03	6	02	2	2	7	Cs	15.6	21.3	53	154
ASYUT	02	7	04	3	1	4	Sc	15.0	21.5	57	155
QENA	03	7	22	2	2	8	Cc	14.3	24.0	36	156
LUXOR	03	8	02	2	2	7	As	13.6	28.0	36	157
ASWAN	01	7	30	3	1	3	Cu	12.0	30.0	25	158
RED SEA — SIWA	00	8	00	0	0	0	—	16.8	23.0	63	148
BAHARIYA	02	9	32	1	2	5	Cc	15.8	24.1	57	149
KHARGA	00	8	04	3	0	0	—	15.1	25.0	39	151
DAKHLA	02	8	08	1	1	5	Ci	15.6	26.0	48	152
TOR	01	7	32	2	2	3	Cc	13.6	26.5	47	145
HURGHADA	03	8	32	3	2	7	Cb	15.1	24.2	59	146
QUSEIR	02	7	02	2	1	4	Ac	14.4	24.0	63	147
PORT SUDAN											169
NORTH SUDAN — WADI HALFA											165
KAREIMA											166
'ATBARA											167
KHARTUM											168
KASSALA											170
CENTRAL SUDAN — WAD MEDANI											171
DUEIM											173
RENK											182
ROSEIRES											172
EL OBEID											174
EL FASHER											175
GENEINA											179
KADUGLI											187
S. SUDAN — MALAKAL											176
WAU											177
JUBA											178

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

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs m.m.	RAINFALL Total from Oct. 1 m.m.	RAINFALL Normal from Oct. 1 m.m.	STATION NUMBER
	ww	V	DD	F	W	N	C	PPP	TTT	MM		mm		UU				
MEDITERRANEAN — SALUM	00	6	24	5	0	0	—	16.6	-1.3	8.8	21	—	8	—	89	0	30	—	130
MATRUH	00	8	20	2	0	1	Cu	16.0	-2.3	13.4	24	+4	11	0	87	0	37	47	131
DIKHEILA	00	8	18	3	0	1	Sc	17.2	—	13.8	21	—	12	—	66	0	15	—	150
ALEXANDRIA	00	9	16	1	0	0	—	16.2	-2.4	15.8	24	+3	14	+1	67	0	8	54	132
DAMIETTA	00		18	1	0	0	—	15.9	—	14.8	21	—	11	—	88	0	19	28	159
PORT SAÏD	00	7	18	3	0	0	—	15.9	-1.4	17.1	24	+3	15	+2	85	0	13	19	134
EL 'ARISH	01	9	00	0	0	3	Cu	16.3	—	14.0	23	—	11	—	91	0	31	20	135
LOWER EGYPT — DAMANHUR	00	7	18	2	0	0	—	16.7	-1.7	13.0	24	+1	12	+2	89	0	tr	23	136
MANSURA	00	8	20	2	0	0	—	16.4	—	12.9	24	+1	10	0	94	0	11	12	137
TANTA	00	8	20	2	0	0	—	16.6	-2.0	13.5	24	+2	10	0	95	0	1	10	138
ZAGAZIG	00	6	20	1	4	0	—	17.0	—	13.8	25	+2	9	0	94	0	du	8	139
CAIRO — ALMAZA	00	7	16	1	0	1	Sc	17.4	—	15.0	24	—	13	—	80	0	4	—	141
EZBEKIYA	01	6	16	1	0	2	Sc	17.1	-1.7	13.1	24	+2	12	+2	83	0	1	5	
GIZA	05	6	16	2	1	3	Ac	17.5	-2.0	12.9	24	+2	10	+1	80	0	1	7	
HELWAN	09	5	10	1	0	3	Sc	17.5	-1.0	13.8	21	0	12	+2	80	0	7	5	143
SUEZ	02	7	00	0	1	5	Ac	17.0	-1.6	14.1	25	+2	12	0	88	0	44	7	144
MIDDLE EGYPT — FAIYUM	04	5	00	0	1	5	Cu	17.8	-1.1	11.9	24	+1	10	+1	89	0	7	1	153
MINYA	03	4	32	1	2	6	As	17.1	-2.1	14.1	22	+1	11	+2	78	0	tr	—	154
ASYUT	03	5	20	3	1	7	Cs	17.2	-2.3	14.0	23	+1	10	+1	78	0	3	2	155
QENA	02	7	28	2	2	5	Sc	15.8	-2.5	16.2	27	+2	14	+4	67	0	1	—	156
LUXOR	02	8	02	1	2	5	Ci	—	—	20.0	30	—	12	—	57	0	9	—	157
ASWAN	01	7	02	1	1	3	Cu	14.8	-3.3	18.4	31	+5	16	+4	38	0	du	—	158
RED SEA — SIWA	00	8	00	0	0	0	—	20.6	+1.2	9.0	25	+3	7	0	63	0	1	2	148
BAHARIYA	00	9	16	1	0	0	—	17.3	—	9.2	21	—	7	—	79	0	0	—	149
KHARGA	00	8	00	0	0	0	—	16.3	-2.2	17.5	26	0	14	+6	55	0	0	tr	151
DAKHLA	00	7	26	1	0	0	—	17.5	-2.4	15.0	29	+5	10	+2	68	0	0	—	152
TOR	01	5	32	2	0	4	Sc	17.4	0.0	16.0	27	+4	14	+3	69	0	20	6	145
HURGHADA	03	8	28	3	2	6	St	15.0	-2.3	20.4	25	+1	15	+3	47	0	43	—	146
QUSEIR	02	7	28	1	1	5	Ac	15.2	-1.7	24.0	25	0	19	+2	42	0	2	5	147
PORT SUDAN	02	—	28	2	1	4	—	15.2	+0.3	26.8	31	+2	23	+1	73	0	36	69	169
NORTH SUDAN — WADI HALFA	02	8	32	2	1	5	Cs	14.0	-4.6	18.1	33	+7	15	+5	46	—	—	—	165
KAREIMA	03	8	04	1	1	6	Cs	13.6	-2.7	20.4	33	+7	18	+4	57	0	du	1	166
'ATBARA	00	—	06	3	0	0	—	12.2	-1.9	25.0	34	+2	19	+3	47	0	1	1	167
KHARTUM	02	8	02	1	1	5	Ci	11.5	-1.9	23.0	37	+3	20	+3	53	0	24	5	168
KASSALA	01	8	04	1	0	3	Ci	8.7	-3.4	27.6	37	+2	24	+6	46	0	7	11	170
CENTRAL SUDAN — WAD MEDANI	02	—	04	2	0	4	—	10.6	-2.2	25.0	36	+1	—	—	37	0	44	13	171
DUEIM	03	8	06	2	2	7	Ci	10.8	-2.1	26.8	—	—	22	+6	36	0	17	12	173
RENK																			182
ROSEIRES	02	—	10	1	1	4	—	10.0	-1.3	23.7	39	+2	17	+1	57	0	72	37	172
EL OBEID	03	8	30	1	1	8	Cb	11.6	-3.3	20.0	37	+5	19	+7	42	0	20	19	174
EL FASHER	02	8	08	1	1	5	Cs	—	—	20.3	34	+2	16	+6	49	0	4	8	175
GENEINA	02	8	08	3	1	5	As	—	—	20.6	34	—	15	—	36	0	19	—	179
KADUGLI																			187
S. SUDAN — MALAKAL	03	8	04	4	1	8	Cs	8.2	-2.9	27.3	38	+2	21	+3	28	0	75	93	176
WAU	02	—	20	1	0	4	—	7.2	-3.8	22.0	38	+3	18	0	58	0	106	146	177
JUBA																		134	178

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

UPPER WINDS ON 9th الرياح العليا يوم

SALUM	MATRUH	PORT SAID	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	GENEINA	FASHER
7 h. m	7 h. m	8 h. m	h. m	8 h. 30 m	7 h. m	7 h. m	5 h. m	4 h. m	7 h. m	7 h. m	6 h. m	6 h. m	7 h. m	6 h. m
02.26.25	02.27.20	02.24.15		02.16.10	02.32.10	02.02.10	03.03.15	06.06.40	06.02.30	06.10.10	07.02.35	06.02.50	10.05.40	09.04.25
05.27	05.27.20	05.29.20		05.21.45	05.36.25	05.32.80	06.05.35	10.07.40	10.01.25	10.09.10	10.04.45	10.03.35	15.09.30	10.06.45
10.28.25	10.26.55	10.26.05		08.30.10	10.34.25	10.03.40	10.04.25	15.06.35	15.01.25	15.07.10	15.04.25	15.01.25	20.07.15	15.05.25
15.27.25	15.24.30	13.20.02		10.32.10	15.29.25	15.30.05	15.04.15	20.05.30	20.23.05	20.36.15	20.31.10	20.05.20	30.23.20	20.09.10
20.25.25		15.25.25		15.25.25	20.26.30	20.20.10	20.02.10	30.06.10	30.21.25	30.28.05	30.21.15	25.07.20	40.18.10	30.13.10
25.25.25		20.23.25		20.23.30			30.04.25	33.28.15	40.27.10	40.27.05	35.15.20	30.11.20	50.15.15	33.12.10
27.26.40		23.24.35		23.24.45			40.26.05		50.23.10	50.31.05		40.15.25	60.16.20	
28.26.50				25.24.45										
30.26.65				30.25.45										
				32.25.50										

Forecast for 24 hours from noon on 9th

Southeasterly winds, becoming westerly later; inland light to moderate; on the coast moderate, freshening. Occasional medium cloud. Possibly rain on the coast in the west tomorrow. Cooler.

STATION	Mean of day HUMIDITY %	Diff. from normal	Mean of day WET BULB TEMP °C	Diff. from normal
	8th		8th	
Alexandria	70	+5	15.7	+2.5
Ezbekiya	81	+10	15.4	+2.4
Giza	91	+14	14.9	+2.2
Helwan	71	+11	14.1	+2.7
Giza Grass minimum	9th		6.3	°C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
7 -12	1806	1620
8 -12	1887	1620

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	8 -12	13.33	-0.18	13.32	-0.20
Nasser	8 -12	9.23	-0.38	9.34	-0.31
Malakal	9 -12	12.18	0.00	12.19	0.00
Roseires	8 -12	13.53	+0.40	13.58	+0.40
Sennar Res	8 -12	20.70	—	20.70	—
J. Aulia U.S	8 -12	376.74	—	375.75	—
J. Aulia D.S	8 -12	372.09	-0.26	372.07	-0.29
Khartum	8 -12	11.56	-0.22	11.56	-0.23
Kh. el Girba					
'Atbara	8 -12	10.97	-0.12	10.96	-0.13
Kajnarti	8 -12	134.59	-0.24	134.67	-0.19
Aswan Res.	9 -12	120.50	—	120.52	—
Aswan D.S.	9 -12	87.03	+0.10	87.14	+0.21
Roda (Cairo)	9 -12	16.13	-0.03	16.16	-0.02

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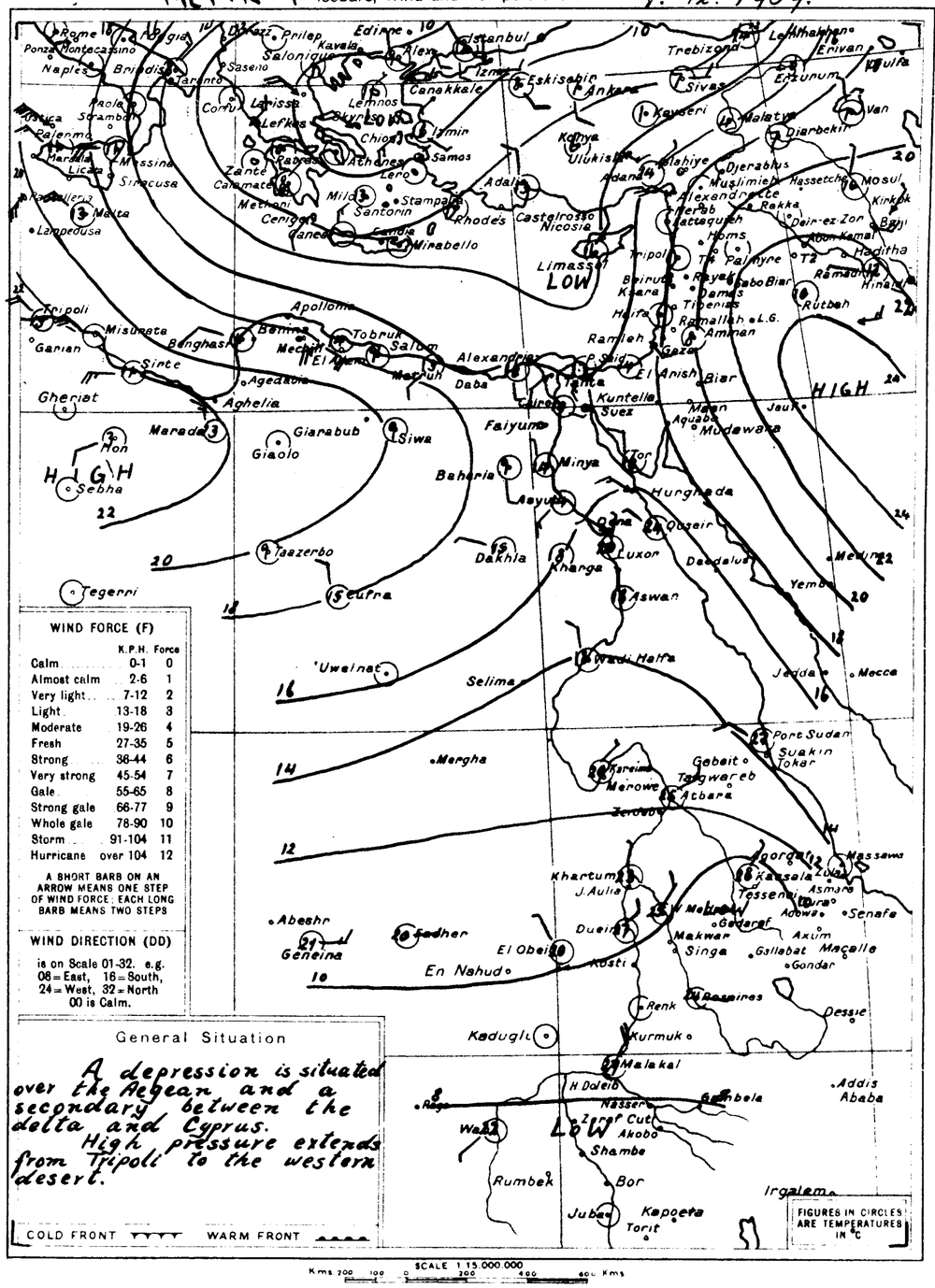


STATION	PRESENT WEATHER	VISIBILITY	WIND Dir	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR. PRESSURE M.S.L. 1000+ m.b.s.	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs m.m.	RAINFALL Total from Oct. 1 m.m.	RAINFALL Normal from Oct. 1 m.m.
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU			
Limassol	03	6	04	2	2	8	—	14.0	-3.4	16	—	—	—	—	—	0	91	118
Haifa	02	—	10	2	—	4	—	16.3	-0.1	15.6	21	0	12	+1	59	0	48	158
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 40 m
" " Sunset 16 h 56 m

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

DAILY WEATHER REPORT

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

STATION	At 14 h. on 9th — 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)	At 8 h. on SUNDAY 10th — 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 (Maximum yesterday °C)	Diff. from norm. °C	mm (Minimum 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	02	7	22	6	1	4	Cu	15.1	18.0	56	01	7	26	5	0	3	Ac	18.3	+0.4	7.3	18	—	7	—	96	dr	30	—	130
MATRUH	01	7	24	5	0	2	Cb	15.2	19.8	74	01	9	20	2	1	3	Cu	17.6	-0.7	11.7	21	+1	10	-1	79	0	37	48	131
DIKHEILA	01	8	26	4	1	4	Cu	—	22.2	56	01	8	22	4	1	3	Cu	—		12.6	23	—	11	—	69	0	15		150
ALEXANDRIA	02	9	24	3	5	5	Cu	14.8	20.1	60	02	9	20	4	2	4	Ac	17.6	-1.0	14.8	22	+1	12	-1	72	dr	8	56	132
DAMIETTA											00	7	18	3	0	0	—	17.2	—	11.1	23	—	11		74	0	19	28	159
PORT SAID	00	7	20	3	0	0	—	14.4	21.7	57	00	7	22	4	0	0	—	17.9	+0.6	14.7	23	+2	13	0	64	0	13	20	134
EL 'ARISH	01	—	28	1	0	3	Cu	15.1	20.1	72	01	9	20	1	0	2	Cu	18.2	—	14.5	24	—	11	—	60	0	31	21	135
LOWER EGYPT																													
DAMANHUR											00	7	20	3	0	0	—	18.3	-0.1	11.3	24	+1	10	0	74	0	tr	23	136
MANSURA											00	8	20	2	0	0	—	17.9	—	11.5	23	0	9	-1	74	0	11	12	137
TANTA	00	8	24	3	0	0	—	14.6	22.5	41	00	8	20	3	0	0	—	19.0	+0.4	13.0	24	+2	8	-2	66	0	1	10	138
ZAGAZIG	00	9	22	1	0	0	—	15.1	23.9	48	00	7	20	3	0	0	—	19.1	—	11.9	25	+2	7	-2	76	0	dr	8	139
MIDDLE EGYPT																													
CAIRO: ALMAZA	01	8	26	2	0	2	Ac	15.9	23.0	55	00	8	16	2	0	0	—	19.8	—	13.3	24	—	10	—	62	0	4	—	141
CAIRO: EZBEKIYA	01	8	16	2	1	3	Cu	15.1	23.7	42	00	6	16	2	0	0	—	19.8	+1.0	12.2	25	+3	11	+1	62	0	1	5	—
CAIRO: GIZA	02	8	16	3	1	4	Cu	15.1	25.2	38	00	9	14	2	0	0	—	20.2	+0.7	12.6	26	+5	9	0	59	0	1	7	
HELWAN	01	7	16	1	0	3	Ac	15.2	21.8	47	09	5	10	1	0	0	—	20.7	+2.2	12.0	22	+1	10	0	54	0	7	5	143
SUEZ	01	9	04	1	1	4	Cu	15.5	21.0	55	00	8	00	0	0	0	—	19.8	+1.1	13.2	25	+3	11	-1	71	0	44	7	144
UPPER EGYPT																													
FAIYUM	01	8	22	2	0	3	Cu	15.6	24.0	42	00	8	00	0	0	0	—	20.0	+1.0	12.8	25	+2	7	-2	54	0	7	1	153
MINYA	02	6	32	1	2	5	As	15.8	20.8	57	08	4	30	1	0	0	—	19.9	+0.7	12.2	21	0	8	-1	68	0	tr	—	154
ASYUT	02	6	20	3	1	5	Cs	15.2	20.5	59	00	6	22	3	0	0	—	20.6	+1.0	12.2	21	-1	8	-1	65	0	3	2	155
QENA	00	8	26	2	1	0	—	13.3	27.8	32	01	7	24	2	1	3	Ac	18.4	0.0	15.2	30	+5	13	+3	67	0	1	—	156
LUXOR	00	9	30	1	0	0	—	13.1	28.5	37	01	9	32	1	0	2	Ci	18.7		16.0	31	—	13	—	66	0	9	—	157
ASWAN	00	7	30	3	0	0	—	11.9	30.7	13	00	7	02	4	0	0	—	17.2	-1.0	18.0	31	+5	17	+5	51	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	20.2	20.0	72	00	8	00	0	0	0	—	21.2	+1.8	12.2	20	-1	6	-1	75	0	1	2	148
BAHARIYA	00	9	30	1	0	0	—	18.2	21.5	34	00	9	24	2	0	0	—	21.2	—	11.5	22	—	8	—	58	0	0	—	149
KHARGA	00	8	04	3	0	0	—	13.3	26.2	41	00	8	32	3	0	0	—	20.3	+1.8	15.3	26	+1	12	+4	56	0	0	tr	151
DAKHLA	01	8	32	3	1	4	Ci	15.5	24.0	60	00	7	28	2	0	0	—	21.4	+1.4	12.0	24	0	10	+3	72	0	0	—	152
RED SEA																													
TOR	01	6	28	5	2	4	Sc	13.4	23.0	74	00	6	32	3	0	0	—	18.4	+1.0	19.0	23	0	14	+3	63	0	20	6	145
HURGHADA	02	8	32	4	1	5	St	13.1	25.0	54	00	9	30	4	0	0	—	16.7	-0.6	20.0	26	+2	17	+5	61	0	43	—	146
QUSEIR	01	7	02	2	1	4	Ac	13.6	24.9	55	01	6	30	2	1	4	Ac	16.4	-0.5	22.0	26	+1	18	+1	49	0	2	5	147
PORT SUDAN											02	—	28	2	0	4	—	15.0	0.0	28.2	31	+2	23	+1	69	0	36	70	169
NORTH SUDAN																													
WADI HALFA											01	8	32	4	1	4	Cs	17.0	-1.7	17.5	32	+6	16	+6	44	—	—	—	165
KAREIMA											03	8	06	3	1	7	Cs	15.1	-1.2	20.6	34	+3	19	+5	36	0	dr	1	166
ATBARA											00	—	04	2	0	0	—	13.3	-0.9	24.3	35	+3	18	+2	43	0	1	1	167
KHARTUM											03	8	02	2	1	6	Cs	12.9	-0.6	23.2	35	+2	20	+3	53	0	24	5	168
KASSALA											01	8	06	1	0	2	Ci	9.6	-2.5	29.4	37	+2	24	+6	41	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI											02	—	32	4	0	4	—	11.2	-1.6	25.5	37	+2	—	—	26	0	44	13	171
DUEIM											02	8	04	2	1	5	Ci	12.2	-0.7	24.2	—	—	22	+6	33	0	17	12	173
RENK																													182
ROSEIRES											00	—	18	1	1	0	—	11.1	-0.3	24.9	38	+2	19	+8	49	0	72	37	172
EL OBEID											01	8	30	2	1	4	Ci	12.4	-2.6	21.4	35	+3	18	+6	43	0	20	19	174
EL FASHER											03	8	30	1	1	6	Cs	—	—	16.9	32	0	13	+3	42	0	4	8	175
GENEINA											02	8	08	4	1	5	AcAs	—	—	21.0	34	—	14	—	29	0	19	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKAL											02	8	08	3	1	5	Ac	9.3	-1.8	26.1	38	+2	22	+4	30	0	75	93	176
WAU											03	—	32	1	0	8	—	8.8	-2.2	25.0	38	+3	21	+3	47	0	106	146	177
JUBA											01	8	22	2	1	3	Ci	10.5	-0.4	23.0	38	+2	18	-2	67	0	214	135	178

الساعة ١٤ يوم ٩ — الساعة ٨ يوم الأحد ١٠

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

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

SALUM	MATRUH	DIKHEILA	P.SAID	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	Geneina
7 h.	7 h.		9 h.	8 h. 30 m.	7 h.	7 h.	5 h.	5 h.	4 h.	4 h.	6 h.	6 h.	7 h.	7 h.
02 29 30	02 27 60		02 25 40	02 18 10	02 33 15	02 36 25	03 02 40	06 02 55	06 01 40	06 09 10	07 02 35	06 01 05	06 29 25	10 04 45
05 28 —	05 28 55		05 25 45	05 27 15	05 36 40	05 01 55	06 02 45	10 02 60	10 01 30	10 09 10	10 04 55	10 02 50	10 13 10	15 09 65
10 29 30	10 30 35		10 26 40	08 27 20	10 34 35		10 03 65	15 03 30	15 02 30	15 07 30	15 04 25	15 04 35	15 23 05	20 09 15
15 30 45	15 29 35			10 26 20	15 26 15		13 02 40	20 03 35	20 35 10	20 03 20	20 13 05	20 07 20	20 17 30	30 20 20
19 31 40				15 28 25	20 29 25			30 28 30	25 29 10	30 33 10	30 36 10	25 11 15	30 12 35	40 18 05
				20 27 35				40 25 25	30 25 15		35 03 15	30 11 15	35 12 40	50 21 05
				23 26 45					36 24 15			40 14 20		52 18 05
				25 25 55								47 20 30		
				30 26 55										

Forecast for 24 hours from noon on 10th

On the coast fresh southwest to northwest winds, strengthening.
Inland moderate southerly winds veering to west.
Some low cloud.
Light showers near the coast probable. Cooler.
Further outlook: Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٠

على الساحل رياح نسيمية جنوبية غربية الى شمالية غربية ثم تشتد
في الداخل رياح معتدلة جنوبية ثم تصبح غربية
بعض السحاب المنخفض - يحتمل سقوط مطر خفيف
على الشاطئ مع الساحل -
يميل الطقس الى البرودة وفيما بعد يستمر كذلك

STATION	Mean of day — Humidity % on 9th	Diff. from normal	Wet bulb temp °C on 9th	Diff. from normal
Alexandria	50	-15	13.6	+0.5
Ezbekiya	58	-13	13.1	+0.3
Giza	71	-6	12.8	+0.2
Helwan	61	+1	13.2	+2.0

Giza Grass minimum on 10th 5.7 °C

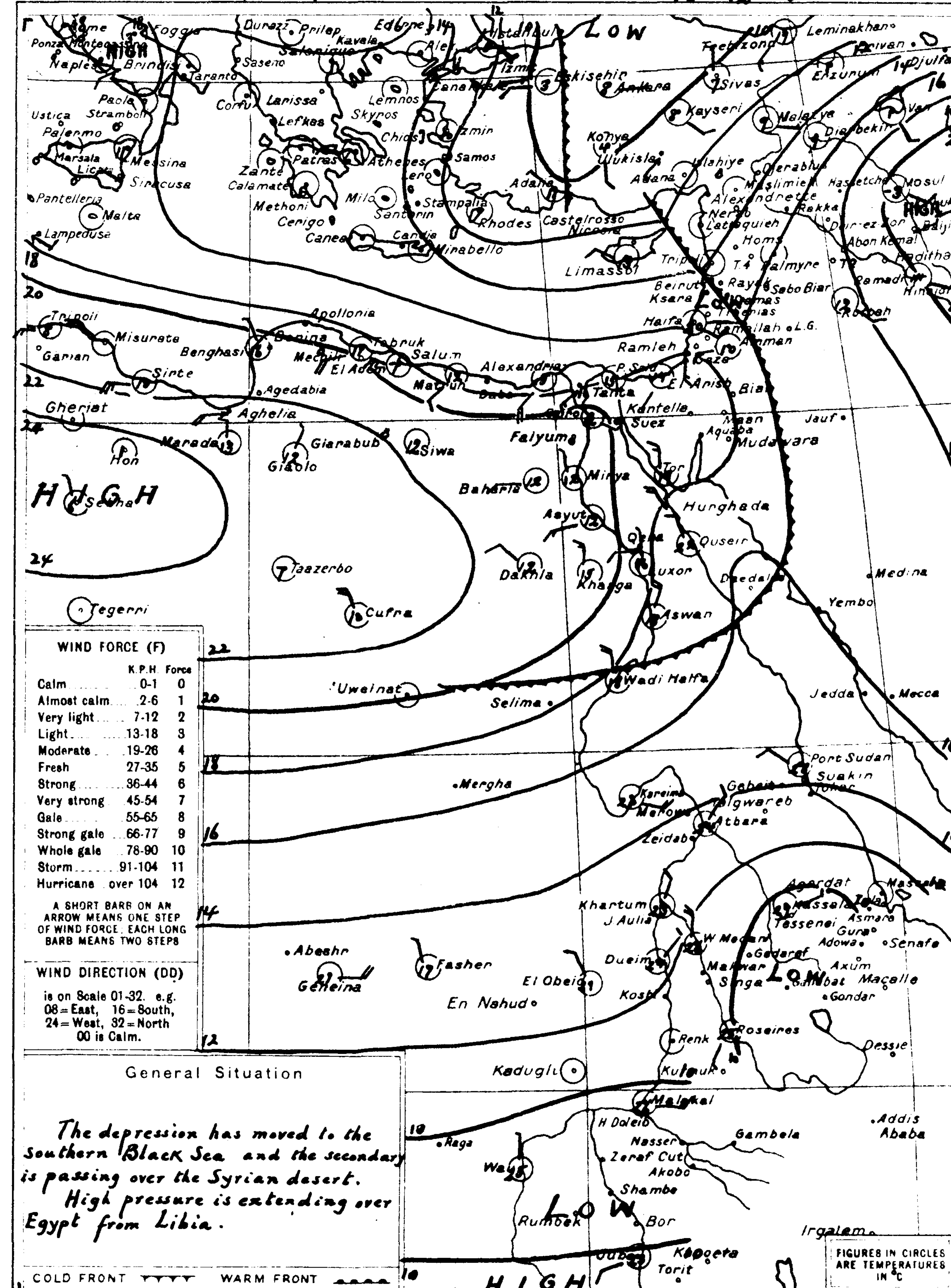
Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
10-12	1725	1620
9-12	1806	1620

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	10-12	13.33	-0.17	13.33	-0.18
Nasser	9-12	9.13	-0.42	9.23	-0.38
Malakal	10-12	12.16	0.00	12.18	0.00
Roseires	10-12	13.44	+0.38	13.48	+0.37
Sennar Res	9-12	20.70	—	20.70	—
J. Aulia U.S	9-12	375.75	—	375.74	—
J. Aulia D.S	9-12	372.00	-0.34	372.09	-0.26
Khartum	9-12	11.57	-0.19	11.58	-0.22
Kh. el Girba	—	—	—	—	—
Atbara	8-12	10.97	-0.12	10.96	-0.13
Kajnarti	9-12	134.53	-0.24	134.59	-0.24
Aswan Res.	10-12	120.45	—	120.56	—
Aswan D.S	10-12	86.93	0.00	87.03	+0.10
Roda (Cairo)	9-12	16.12	-0.03	16.15	-0.03

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

Isobars, Wind and Temperature at 8 h. 10-12-39 — ١٠-١٢-٢٩



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

The depression has moved to the Southern Black Sea and the secondary is passing over the Syrian desert.
High pressure is extending over Egypt from Libia.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

STATION	At 8 h. on 10th — 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	02	6	26	2	6	4	—	13.1	-4.3	13	—	—	—	—	—	4	96	122
Haifa	03	—	10	2	—	8	—	16.3	-0.1	19.1	23	+2	15	+4	48	0	98	165
SHIPS																		

الساعة ٨ يوم ١٠

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 41 m
" " Sunset 16 h 57 m

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

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

DAILY WEATHER REPORT

At 14 h. on 10th (الساعة ١٤ يوم ١٠) / At 8 h. on MONDAY 11th (الساعة ٨ يوم الاثنين ١١)

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	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	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
Mediterranean	SALÛM	02	7	24	5	1	4	Ac.	17.8	16.0	61	01	7	22	6	0	3	Ac.	18.3	+0.5	10.0	18	—	7	—	86	0	30	—	130
	MATRÛH	01	9	26	5	0	2	Cb.	17.5	17.7	72	02	8	30	4	1	4	Cb.	18.6	+0.2	14.0	20	0	12	+1	72	0	37	49	131
	DIKHEILA	01	7	22	4	1	4	Cu.	—	19.9	49	01	7	18	3	0	3	Sc.	—	—	13.8	20	—	10	—	62	0	15	—	150
	ALEXANDRIA	02	9	20	5	2	4	Ac.	17.0	18.2	58	00	9	20	2	0	0	—	18.7	+0.1	—	19	−2	12	−1	—	0	8	58	132
	DAMIETTA											01	8	18	2	2	2	Cu.	18.6	—	12.0	20	—	8	—	67	0	19	29	159
	PORT SAÏD	00	7	22	5	0	0	—	17.0	19.5	46	01	7	22	3	1	3	Ac.	18.6	+1.3	14.0	20	−1	11	−2	67	0	13	20	134
	EL 'ARÎSH	01	9	22	3	0	2	Cu.	19.4	20.4	41	01	9	00	0	0	3	Cu.	20.3	—	11.2	21	—	7	—	63	0	31	21	135
Lower Egypt	DAMANHÛR											01	7	20	3	1	3	Cu.	19.2	+0.8	10.7	21	−1	9	−1	76	0	tr.	24	136
	MANṢURA											01	8	20	2	1	3	Sc.	19.0	—	10.5	20	−3	8	−2	74	0	11	12	137
	TANTA	00	8	20	4	0	0	—	17.5	20.0	32	00	8	20	2	0	0	—	19.4	+0.8	12.5	20	−2	7	−3	66	0	1	10	138
	ZAGÂZÎG	00	9	20	1	0	0	—	18.4	20.9	41	00	7	20	1	0	0	—	19.6	—	11.4	21	−2	6	−3	70	0	dr.	8	139
Middle Egypt — Cairo	ALMAZA	00	8	23	3	0	1	Cu.	18.4	20.2	48	00	7	16	3	0	1	Ac.	20.4	—	12.1	20	—	9	—	64	0	4	—	141
Middle Egypt — Cairo	EZBEKIYA	00	8	20	1	0	0	—	18.3	21.3	34	00	6	12	3	0	0	—	20.0	+1.2	10.3	22	0	9	−1	66	0	1	6	—
Middle Egypt — Cairo	GIZA	01	9	20	2	0	3	Cu.	18.6	22.0	29	00	7	14	4	0	0	—	20.7	+1.2	9.2	23	+2	6	−3	74	0	1	7	—
Middle Egypt	HELWAN	01	7	18	2	0	2	Cu.	18.4	19.0	39	05	6	10	1	0	0	—	21.1	+2.6	10.8	20	0	8	−2	54	0	7	6	143
	SUEZ	00	9	08	1	0	0	—	18.0	22.1	43	00	7	00	0	0	0	—	19.9	+1.1	9.9	23	+1	8	−4	65	0	44	7	144
Upper Egypt	FAIYUM	00	8	00	0	0	0	—	18.8	22.0	36	00	8	30	1	0	0	—	21.4	+2.4	12.1	23	0	6	−3	53	0	7	1	153
	MINYA	00	7	30	2	0	0	—	19.2	19.9	34	08	4	32	1	1	4	Ci.	21.9	+2.7	9.2	21	0	7	−2	71	0	tr.	—	154
	ASYÛT	00	7	28	3	0	0	—	18.3	19.1	42	01	6	22	3	1	3	Cc.	21.8	+2.1	11.5	21	−1	9	+1	53	0	3	2	155
	QENA	00	8	22	2	1	0	—	—	25.1	32	01	8	24	2	1	3	Cu.	19.8	+1.3	11.7	27	+2	9	−1	68	0	1	—	156
	LUXOR	00	9	02	2	0	0	—	16.3	25.2	39	00	9	14	2	0	1	Ci.	20.4	—	11.0	26	—	7	—	65	0	9	—	157
	ASWAN	00	7	30	3	0	0	—	14.3	26.0	31	02	7	32	4	1	5	Cu.	19.1	+0.9	15.5	27	+1	13	+1	46	0	dr.	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	21.5	19.0	24	00	8	00	0	0	0	—	21.5	+2.0	14.1	20	−1	7	+1	66	0	1	2	148
	BAHARIYA	00	9	24	1	0	0	—	19.2	18.3	49	00	9	24	1	0	0	—	21.2	—	7.5	19	—	5	—	82	0	0	—	149
	KHARGA	00	8	04	3	0	0	—	16.7	—	39																		tr.	151
	DÂKHLA	00	8	28	3	0	0	—	19.6	19.0	57	01	7	30	1	1	4	Cc.	22.6	+2.5	7.5	20	−4	5	−2	76	0	0	—	152
Red Sea	TOR	00	7	28	5	0	0	—	16.4	23.0	59	01	5	32	3	0	3	Co.	17.8	+0.3	12.5	23	0	10	−1	71	0	20	6	145
	HURGHÂDA	00	9	32	4	0	0	—	15.6	22.5	48	01	9	30	4	1	4	St.	18.0	+0.7	15.8	23	−1	12	0	52	0	43	—	146
	QUSEIR	00	7	32	3	0	0	—	15.5	24.0	57	00	7	30	3	0	1	Ci.	18.0	+1.1	20.0	26	+1	17	0	46	0	2	5	147
	PORT SUDAN	02	—	12	2	1	5	—	11	31	65	01	—	28	2	1	4	—	16.3	+1.3	27.7	31	+2	23	+1	66	0	36	71	169
North Sudan	WÂDI HALFA	02	8	32	4	1	5	—	—	29	28	03	8	32	3	1	6	Ac.	19.2	+0.4	14.1	28	+2	13	+3	39	—	—	—	165
	KAREIMA	02	8	32	3	1	5	—	11.1	—	25	03	7	02	3	1	7	Cs.	15.5	−0.9	22.6	33	+2	19	+5	40	0	dr.	1	166
	ATBARA	01	—	30	2	0	3	—	8	35	25	00	—	26	2	0	0	—	13.6	−0.7	25.0	35	+3	20	+4	54	0	1	1	167
	KHARTÛM	03	8	02	2	1	6	—	8.2	31	28	03	8	04	2	1	8	Cs.	13.4	−0.2	21.9	36	+3	19	+2	44	0	24	5	168
	KASSALA	01	8	30	2	1	4	—	5.9	36	16	01	8	30	1	1	4	Ci.	11.2	−1.0	24.6	37	+2	19	+1	49	0	7	11	170
Central Sudan	WAD MEDANI	02	—	32	2	0	5	—	6	36	10	01	—	32	3	0	4	—	12.0	−0.9	23.8	36	+1	15	−2	35	0	44	13	171
	DUEIM	01	8	03	3	1	3	—	8	35	45	03	8	32	4	2	8	Ci.	12.6	−0.4	23.0	—	—	21	+5	41	0	17	12	173
	RENK	02	7	27	3	1	5	—	5.0	37	13								—										—	182
	ROSEIRES	01	—	08	1	0	3	—	6	38	25	00	—	22	1	0	0	—	11.2	−0.2	24.6	40	+4	18	+2	48	0	72	37	172
	EL OBEID	03	8	30	3	1	8	—	7.5	33	23	03	8	26	2	1	8	Cs.	13.2	−1.8	20.4	34	+3	18	+6	42	0	20	19	174
	EL FASHER	02	8	14	3	1	5	—	—	32	10	02	8	30	1	1	5	Cs.	—	—	15.8	32	0	12	+2	42	0	4	8	175
	GENEINA	03	8	20	2	1	6	Ac.	—	34	12	02	8	04	4	1	5	Ac.	—	—	19.0	36	—	11	—	32	0	19	—	179
	KADUGLI																													187
S. Sudan	MALAKÂL	03	8	04	3	1	8	—	3.8	37	13	02	8	04	4	1	5	Cs.	10.0	−1.1	25.0	38	+2	19	+1	28	0	75	93	176
	WÂU	03	—	16	3	1	6	—	3	38	25	01	—	16	1	0	4	—	8.0	−3.0	22.5	38	+3	21	+3	70	0	106	146	177
	JÛBA	01	8	10	2	1	3	Cu.	4.0	36	33																		135	178

UPPER WINDS ON 11 (الرياح العليا يوم ١١)

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

SALÛM 7h	MATRÛH 7h	P. SAID 8h	MINYA 8h	HELWAN 8h 30m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 5h	KAREIMA 5h	KHARTÛM 7h	KASSALA 7h	EL OBEID 7h	MALAKÂL 3h	FASHER 6h	GENEINA 5h
02 25 40	02 26 45	02 25 35	05 31 30	02 15 25	02 31 15	02 02 20	03 01 30	06 03 45	06 36 30	06 36 05	07 36 30	06 02 55	09 03 20	10 05 55
05 28 —	05 26 45	05 25 35	10 32 20	05 25 10	05 34 35	03 36 35	06 05 35	10 04 75	10 03 30	10 35 05	10 02 35	10 03 55	10 05 30	15 08 50
10 28 45	10 27 35	10 26 20	15 32 20	08 28 20	10 34 35	10 27 10	10 02 30	15 05 25	15 36 10	15 31 05	15 03 10	15 05 35	15 07 40	20 03 15
15 26 50	15 28 30	11 26 15	20 28 10	10 28 15	15 31 40	15 16 05	15 03 15	20 05 30	20 28 25	20 35 10	20 11 10	20 05 40	20 09 70	30 27 10
20 28 50				15 28 15	20 30 35		20 03 30	23 05 25	25 24 25	30 03 20	29 21 10	25 06 20	30 26 80	35 33 15
25 27 40				20 27 10			25 04 25		30 25 20	40 08 20		26 06 15	33 22 35	
26 27 45				23 27 30					40 21 10	50 16 10				
				25 27 50					50 21 10	56 16 05				
				30 26 45					60 19 10					

Forecast for 24 hours from noon on 11th

On the coast fresh westerly winds, strong at times. Inland light to moderate winds between south and west.

Occasional low cloud. Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١١

على الساحل رياح غربية نسيمية تشتد احيانا وفي الداخل رياح بين الخفيفة والمعتدلة بين جنوبية وغربية

يظهر بعض السحاب المنخفض احيانا ولا تتغير درجة الحرارة الا قليلا

Station	Mean of day: Humidity % on 10th	Diff. from normal	Wet bulb temp. °C on 10th	Diff. from normal
Alexandria	61	−4	13.3	+0.3
Ezbekiya	49	−22	10.6	−2.1
Giza	55	−22	9.9	−2.6
Helwan	43	−17	9.4	−1.8

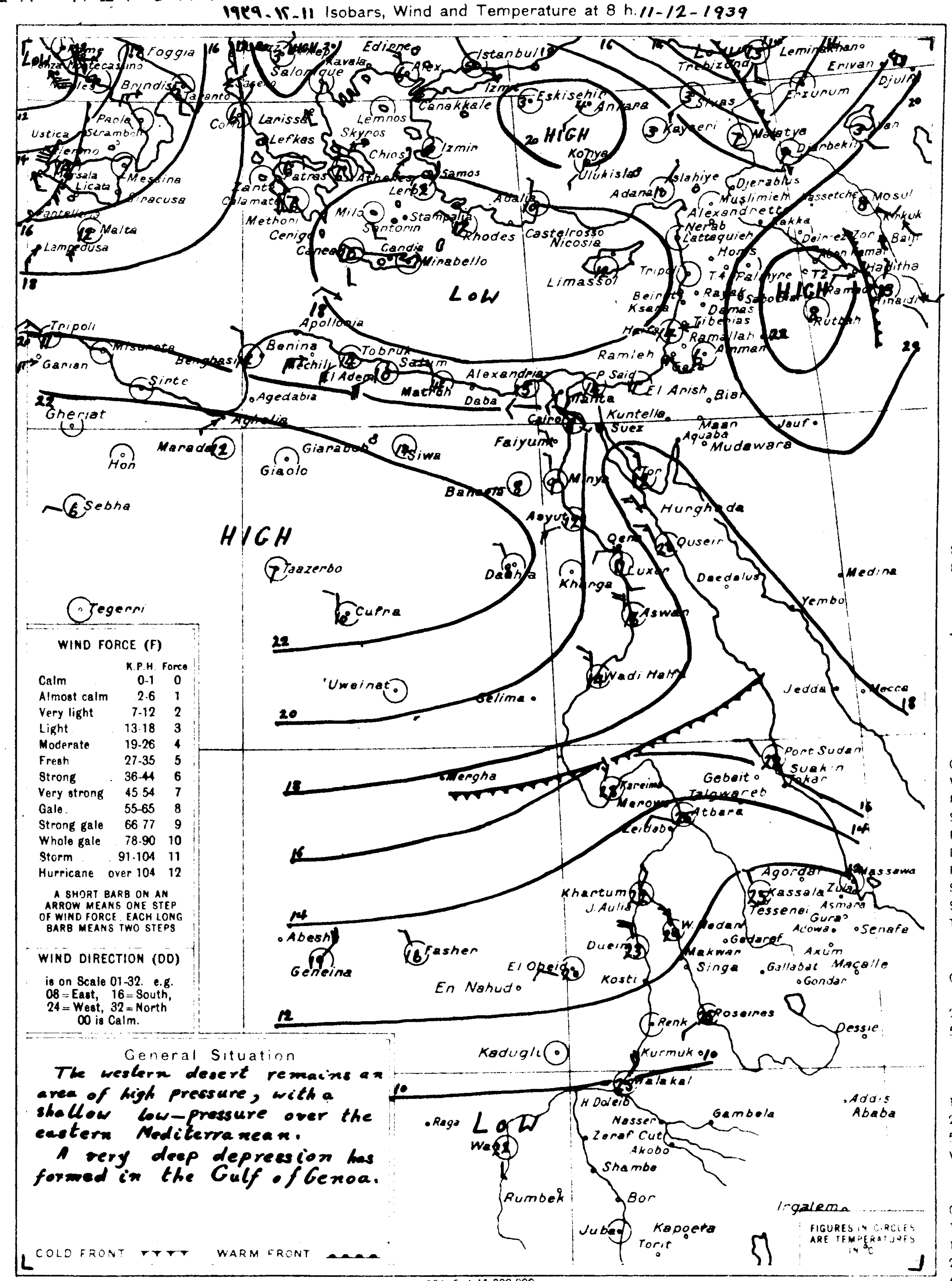
Giza Grass minimum 11th 3.0 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
11.12	1644	1505
10.12	1725	1620

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba	10.12	13.33	−0.17	13.33	−0.18
Nasser	10.12	9.01	−0.47	9.13	−0.42
Malakal	11.12	12.14	−0.01	12.16	0.00
Roseires	11.12	13.40	+0.37	13.44	+0.38
Sennâr Res	10.12	20.70	—	20.70	—
J. Aulia U S	10.12	375.74	—	375.75	—
J. Aulia D S	10.12	372.11	−0.23	372.00	−0.34
Khartûm	11.12	11.55	−0.16	11.57	−0.17
Kh. el Girba	—	—	—	—	—
'Atbara	10.12	10.97	−0.11	10.97	−0.11
Kajnarti	10.12	134.45	−0.29	134.53	−0.24
Aswân Res	11.12	120.45	—	120.45	—
Aswân D.S	11.12	86.86	+0.06	86.93	0.00
Rôda (Cairo)	11.12	16.31	+0.19	16.29	+0.15

١٩٣٩-١٢-١١ Isobars, Wind and Temperature at 8 h. 11-12-1939



General Situation

The western desert remains an area of high pressure, with a shallow low-pressure over the eastern Mediterranean.

A very deep depression has formed in the Gulf of Genoa.

SCALE 1:15 000 000

At 8 h. on 11th (الساعة ٨ يوم ١١)

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	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.
Limassol	03	6	00	0	2	6	—	17.4	0.0	12	—	—	—	—	—	0	95	125
Haifa	00	—	26	1	—	0	—	18.2	+1.8	14.4	23	+2	10	−1	61	5	53	171

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. 1938-38-500

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

CAIRO

Time of Sunrise 06 h 42 m

" " Sunset 16 h 57 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

Isobars, Wind and Temperature at 8 h. 12 - 12 - 39 — ١٢ - ١٢ - ٢٩ ~ ١٦

At 14 h. on 11 — الساعة ١٤ يوم ١١

At 8 h. on TUESDAY 12 — الثلاثاء ١٢ 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 °F 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 BAR. PRESSURE Diff. from normal mbs.	8h TEMPERATURE Dry Bulb °C TTT	8h TEMPERATURE MAXIMUM Yesterday °C MM	8h TEMPERATURE MAXIMUM Diff. from norm °C	8h TEMPERATURE MINIMUM Today °C	8h TEMPERATURE MINIMUM Diff. from norm °C	8h % HUMIDITY UU	RAINFALL Past 24 Hrs mms.	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
SALUM	02	8	24	4	1	5	Ch.	18.0	18.0	64	01	7	22	5	0	2	Ac.	19.2	+1.4	11.1	19	—	9	—	81	0	30	—	130
MATRUH	02	9	28	4	1	4	Cu.	18.0	19.9	65	00	9	22	2	0	1	Cu.	19.4	+1.0	13.0	21	+1	10	0	66	0	37	50	131
DIKHEILA	01	8	24	4	1	3	Cu.	—	20.3	47	01	8	20	3	0	3	Cu.	—	—	13.0	21	—	11	—	54	0	15	—	150
ALEXANDRIA	02	9	24	5	2	4	Cu.	18.0	19.4	49	02	9	20	2	2	4	Ac.	20.0	+1.3	16.1	20	−1	14	+2	52	0	8	60	132
DAMIETTA											01	8	18	3	1	2	Cu.	18.2	—	11.5	21	—	9	—	70	0	19	29	159
PORT SAID	02	7	22	4	1	4	Ac.	17.6	19.6	58	00	7	20	4	0	0	—	19.5	+2.1	14.8	21	0	11	−2	62	0	13	21	134
EL 'ARISH	01	9	18	2	0	3	Cu.	19.6	19.5	47	01	9	20	1	0	3	Cu.	20.4	—	14.3	20	—	12	—	64	0	31	22	135
DAMANHUR											01	7	20	3	1	2	Cu.	—	—	11.0	22	0	9	−1	69	0	tr.	25	136
MANSURA											00	8	20	2	0	0	—	19.8	—	10.5	21	−1	8	−2	73	0	11	12	137
TANTA	01	8	24	3	1	3	Ac.	18.6	20.0	47	00	8	20	3	0	0	—	20.7	+2.0	12.0	21	−1	7	−2	65	0	1	10	138
ZAGAZIG	00	9	26	1	0	1	Cu.	—	21.3	46	00	6	20	1	0	0	—	21.2	—	12.0	21	−2	7	−2	69	0	dr.	8	139
ALMAZA	01	8	26	4	0	2	Cu.	19.2	19.9	56	00	8	16	3	0	1	Cu.	21.1	—	13.3	20	—	10	—	63	0	4	—	141
'EZBEKIYA	02	8	20	2	1	5	Cu.	19.0	19.3	37	00	6	16	3	0	0	—	21.6	+2.8	11.8	22	+1	10	0	67	0	1	6	—
GIZA	02	8	26	3	1	5	Cu.	18.8	21.9	34	05	6	14	3	0	2	Cs.	21.6	+2.0	11.1	22	+1	9	0	67	0	1	7	
HELWAN	01	8	24	3	0	4	Cu.	19.2	18.7	33	00	6	12	2	0	0	—	21.9	+3.4	13.0	20	0	10	0	54	0	7	6	143
SUEZ	01	9	16	2	0	3	Cu.	18.6	20.9	84	00	7	00	0	0	0	—	21.2	+2.4	12.2	23	+1	8	−4	71	0	44	7	144
FAIYUM	01	9	26	2	1	4	Cu.	19.6	20.9	37	00	8	12	1	0	0	—	22.3	+3.3	11.1	23	0	7	−2	62	0	7	1	153
MINYA	00	6	28	3	1	0	—	19.9	20.2	37	08	4	00	0	0	0	—	22.2	+2.9	10.8	21	0	8	−1	73	0	tr.	—	154
ASYUT	00	8	30	4	1	0	—	19.8	19.2	41	00	6	12	3	0	0	—	22.7	+3.0	12.0	21	−1	7	−1	68	0	3	2	155
QENA	03	7	24	1	2	6	Sc.	17.8	21.3	37	00	7	26	1	0	0	—	21.5	+3.0	10.0	24	0	7	−2	75	0	1	—	156
LUXOR	03	7	30	2	2	6	Ci.	17.1	22.0	36	00	9	14	1	0	0	—	22.2	—	9.5	23	—	7	—	74	0	9	—	157
ASWAN	02	7	32	5	1	5	Ci.	16.6	23.2	24	00	7	32	1	0	0	—	20.6	+2.3	12.8	24	−2	11	−1	57	0	dr.	—	158
SIWA	00	8	22	1	0	0	—	19.6	21.0	58	00	8	00	0	0	0	—	21.6	+2.1	9.0	21	0	3	−3	73	0	1	2	145
BAHARIYA	01	9	24	3	1	3	Cu.	20.0	18.3	44	00	9	16	1	0	0	—	21.1	—	7.2	20	—	4	—	83	0	0	—	149
KHARGA	00	8	32	3	0	0	—	18.0	21.3	40																		tr.	151
DAKHLA	00	8	30	4	0	0	—	19.0	19.8	59	00	7	00	0	0	0	—	23.2	+3.1	7.5	20	−4	4	−3	62	0	0	—	152
TOR	00	7	28	6	0	1	Ci.	17.4	20.1	47	00	6	32	2	0	0	—	19.9	+2.4	12.0	21	−2	9	−1	59	0	20	6	145
HURGHADA	01	9	30	4	1	4	Sc.	16.4	21.4	36	00	9	26	3	0	0	—	20.4	+3.0	17.0	22	−2	10	−2	49	0	43	—	146
QUSEIR	02	7	32	2	1	4	Ac.	16.6	22.0	50	00	7	30	3	0	0	—	20.2	+3.2	19.0	23	−2	15	−1	46	0	2	5	147
PORT SUDAN	02	—	12	2	1	5	—	13	32	65	50	—	32	4	8	7	—	16.6	+1.5	25.5	32	+4	24	+2	79	dr.	36	72	169
WADI HALFA	02	8	32	5	1	5	Ac.	16.1	25	24	00	8	02	4	0	1	Cs.	20.0	+1.2	13.8	26	0	12	+2	39	—	—	—	165
KAREIMA	01	8	04	2	1	4	—	12.4	32	30	01	7	04	4	0	2	Cs.	17.1	+0.7	21.3	33	+2	18	+4	31	0	4.	1	166
'ATBARA	01	—	28	2	0	3	—	9	34	25	00	—	04	3	0	0	—	14.6	+0.2	22.8	34	+2	20	+4	52	0	1	1	167
KHARTUM	03	8	30	3	1	6	—	8.3	38	24	01	8	02	3	1	4	Cs.	13.1	−0.6	23.6	38	+5	20	+3	47	0	24	5	168
KASSALA	01	8	—	—	1	4	—	6.2	36	27	01	8	06	2	0	3	Ci.	10.6	−1.6	27.2	37	+2	21	+3	57	0	7	11	170
WAD MEDANI	01	—	32	2	0	3	—	7	37	10	00	—	02	3	0	0	—	12.2	−0.7	24.0	37	+3	18	+1	39	0	44	13	171
DUEIM	01	8	—	2	1	3	—	8	36	10	02	8	03	3	1	5	Ci.	11.8	−1.2	24.6	—	—	21	+5	45	0	17	12	173
RENK	01	7	30	2	0	4	—	6.0	37	17																		—	182
ROSEIRES	01	—	12	1	1	3	—	7	38	10	00	—	20	1	0	0	—	11.8	+0.3	23.4	39	+3	17	0	47	0	72	37	172
EL OBEID	03	8	02	3	1	8	Cu.	8.3	31	19	02	8	28	2	1	5	Cu.	12.8	−2.3	24.4	33	+2	14	+2	28	0	20	19	174
EL FASHER	02	8	06	2	1	5	—	—	29	10	02	8	00	0	1	5	Cs.	—	—	15.0	31	−1	12	+2	50	0	4	8	175
GENEINA	01	8	08	2	1	4	Ac.	—	34	22	02	8	08	4	1	5	Ac. Cu.	—	—	18.0	35	—	15	—	30	0	19	—	179
KADUGLI																												—	187
MALAKAL	02	7	04	3	1	5	—	5.4	37	15	02	8	04	3	1	5	Cu.	11.0	−0.2	25.1	37	+1	19	+1	36	0	75	93	176
WAU	03	—	08	2	2	7	—	8	34	25	03	—	16	1	0	6	—	9.7	−1.3	20.0	35	0	17	−1	72	0	106	146	177
JUBA	02	8	24	4	1	5	—	4.4	37	28	01	8	22	2	1	3	Cu.	11.1	+0.1	21.6	37	+1	18	−2	66	0	214	135	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 12 — الرياح العليا يوم ١٢

	SALUM	MATRUH	POR SAID	CAIRO	HELWAN	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA	GENEINA
	7 h. m.	7 h. m.	8 h. m.	h. m.	8 h. 30 m.	7 h. m.	7 h. m.	5 h. m.	4 h. m.	4 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.	6 h. m.
1000 mbs.	02 27 25	02 26 15	02 26 45		02 16 15	02 28 20	03 02 02	03 01 35	03 06 04	03 06 35	35 06 13	15 07 36	35 06 02	25 06 28	25 10 03
925	05 24 —	05 28 15	05 27 40		05 24 10	05 35 25	05 01 50	06 04 45	05 10 04	75 10 01	30 10 11	25 10 05	45 10 03	70 10 19	10 15 07
850	10 25 25	10 26 30	10 26 30		08 28 25	10 36 25	10 05 10	10 05 45	15 03 50	15 03 25	15 09 30	15 04 20	15 04 50	15 18 20	20 09 20
700	13 25 25	15 26 25	15 27 30		10 28 25		15 33 15	12 05 25	20 06 20	10 07 20	20 06 25	20 04 10	20 06 25	20 16 35	30 24 10
500		20 26 35			15 27 25				30 17 10	30 10 25	30 31 05	30 04 10	25 09 25	30 15 50	40 04 05
400		23 27 35			20 27 20				32 18 10	33 13 20	40 33 10	37 10 45	30 09 25	30 13 35	41 05 10
300					23 29 20						50 31 05		40 08 20		

Forecast for 24 hours from noon on 12 —

On the coast moderate to fresh southwesterly winds.
Inland moderate winds between south and west.
Occasional low cloud.
Little change in temperature.

تغيرات الطقس المتوقعة فى ٢٤ ساعة من ظهر يوم ١٢

على الساحل رياح جنوبيه غربيه بين المعتدله والمنعشه
داخل البلاد رياح معتدله بين جنوبيه وغربيه
قد يتكون بعض السحاب المنخفض احيانا
ولا تتغير درجه الحراره الا قليلا

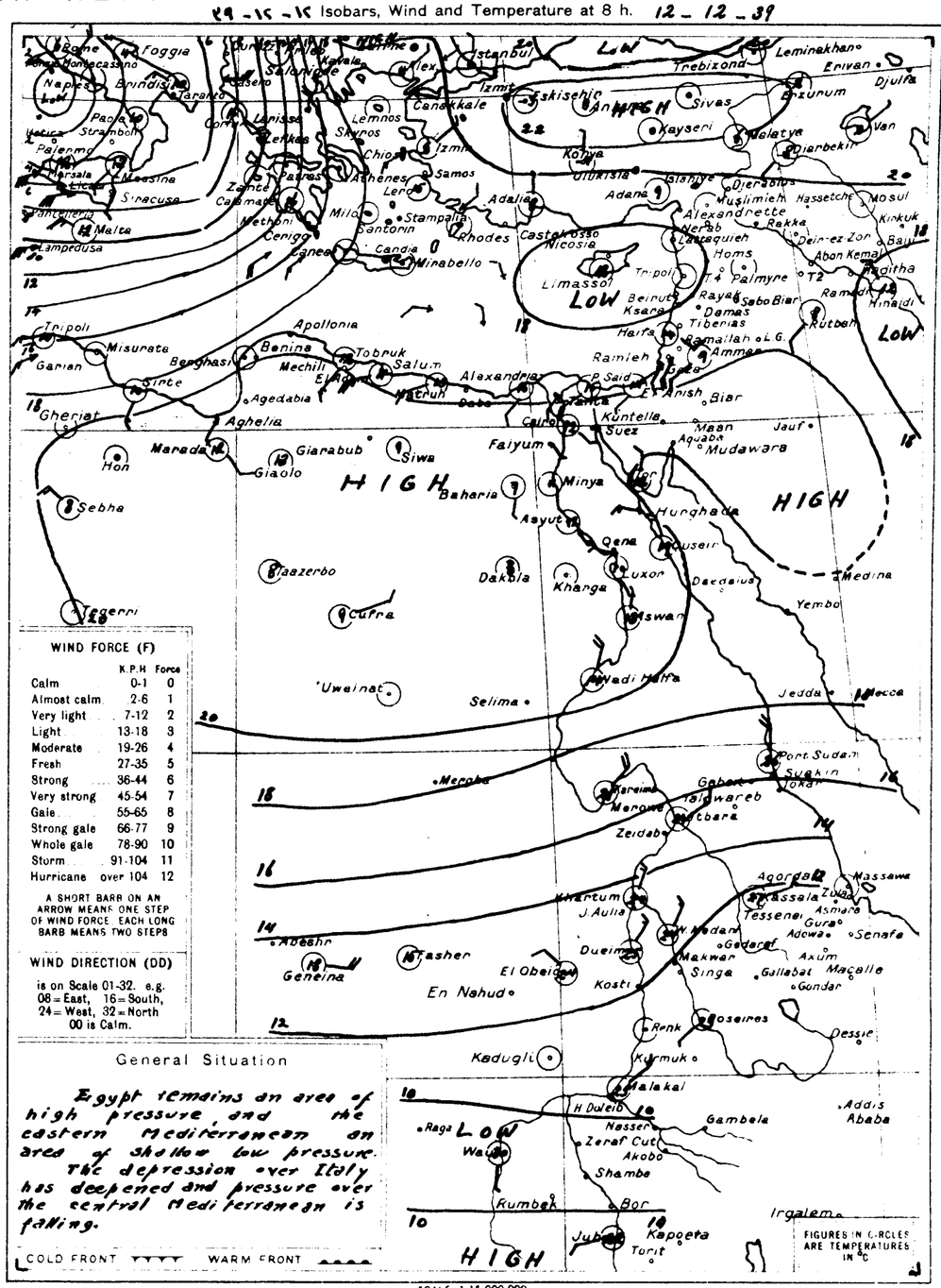
Mean of day

STATION	HUMIDITY % on 11	HUMIDITY % Diff. from normal	WET BULB TEMP °C on 11	WET BULB TEMP °C Diff. from normal
Alexandria	50	−15	12.7	−0.2
Ezbekiya	55	−17	9.9	−2.6
Giza	69	−8	9.9	−2.4
Helwan	45	−15	9.0	−2.1
Giza Grass minimum on 12			5.7	°C

Discharges at Aswan as measured by sluices m³ per sec

DATE	1939	1938
12.12	1563	1389
11.12	1644	1505

GAUGE	Date	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
	1939	m	m.	m	m
Juba	11-12	13.31	−0.18	13.33	−0.17
Naaser	11-12	4.88	−0.54	4.91	−0.47
Malakal	12.12	12.13	−0.01	12.14	−0.01
Roseires	12-12	13.36	+0.37	13.40	+0.37
Sennar Res	11.12	20.70	—	20.70	—
J. Aulia U.S	11-12	376.72	—	375.74	—
J. Aulia D.S	11.12	372.12	−0.21	372.11	−0.23
Khartum	11-12	11.55	−0.16	11.57	−0.17
Kh. el Girba	—	—	—	—	—
'Atbara	11-12	10.98	−0.10	10.97	−0.11
Kajnarti	11-12	134.36	−0.34	134.45	−0.29
Aswan Res	12.12	120.92	—	120.45	—
Aswan D.S	12-12	86.74	+0.16	86.86	+0.06
Roda (Cairo)	12-12	16.27	+0.17	16.31	+0.19



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	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 remains on area of high pressure and the eastern Mediterranean on area of shallow low pressure. The depression over Italy has deepened and pressure over the central Mediterranean 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 12 — الساعة ٨ يوم ١٢

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm °C	TEMPERATURE MINIMUM Today °C	TEMPERATURE 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	01	7	28	6	1	2	—	17.8	+0.4	12	—	—	—	—		•	95	125
Haifa	01	—	10	2	1	—	4	18.7	+2.3	13.8	21	0	13	+2	87	5	58	171
Kharga MB	00	8	00	0	0	0	—	21.6	+3.0	10.2	25	0	7	−1	60	•	0	tr
SHIPS سفن																		

Remarks

HOURS ARE EGYPTIAN STANDARD TIME, LONG TYPE 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	85, 86
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Rain	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro-cumulus	Cc
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. 42
" " Sunset h. 16 m. 51

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

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

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir.	14h Wind Force	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
Mediterranean	SALÛM	01	8	22	5	0	3	Ac	17.4	18.6	60	02	7	22	6	1	4	Ac.	17.5	-0.3	10.2	19	—	7	—	60	0	30	—	130
	MATRÛH	01	9	20	2	0	2	Cu	19.2	21.0	73	01	8	22	4	0	2	Ci.	18.0	-0.4	13.3	22	+2	10	0	72	0	37	52	131
	DIKHEILA	01	8	22	4	1	3	Cu	19.8	21.0	48	02	7	20	3	1	5	Ac.	20.3	—	13.2	21	—	10	—	46	0	15	—	150
	ALEXANDRIA	01	9	24	3	2	3	Cu	19.1	20.1	55	03	9	20	2	2	6	Ac.	19.9	+1.2	14.0	21	0	13	+1	55	0	8	61	132
	DAMIETTA											03	8	18	1	2	7	Ac.	19.5	—	10.6	21	—	8	—	73	dr.	19	30	159
	PORT SAÏD	00	7	22	3	0	0	—	18.4	19.9	60	02	7	20	3	1	5	Sc.	19.2	+1.8	12.5	21	+1	11	-1	73	0	13	22	134
	EL 'ARISH	01	9	20	2	0	3	Cu	19.6	20.2	45	02	9	00	0	1	4	Cu.	21.5	—	12.8	21	—	8	—	60	0	31	23	135
Lower Egypt	DAMANHÛR											03	7	20	2	2	6	Ac.	20.7	+2.3	11.0	23	+1	9	-1	63	0	tr.	26	136
	MANSÛRA											02	4	28	2	2	5	Sc.	19.9	—	9.9	22	0	8	-2	69	0	11	12	137
	TANTA	01	8	22	3	1	2	Ci.	19.2	21.0	41	03	6	20	3	2	7	Sc.	20.8	+2.1	11.0	22	0	9	0	63	0	1	10	138
	ZAGÂZIG	00	9	22	1	0	0	—	19.9	22.4	37	02	8	20	1	0	7	Cu.	20.4	—	10.9	22	-1	6	-3	78	0	dr.	8	139
Middle Egypt — Cairo	ALMÂZA	00	8	20	3	0	1	Cs	19.8	21.1	52	02	8	16	2	2	7	Ac.	20.4	—	14.0	22	—	10	—	62	0	4	—	141
	EZBEKIYA								19.6	21.5	25	03	8	14	1	2	8	Ac.	20.6	+1.7	11.6	23	+2	9	-1	61	0	1	6	—
	GIZA											05	6	14	3	2	6	Cs.	20.7	+1.1	10.2	23	+2	6	-2	74	0	1	8	—
	HELWÂN	01	8	16	2	0	3	Ci	19.6	19.1	37	05	6	10	1	2	7	Cc.	20.8	+2.3	12.3	20	0	10	0	50	0	7	6	143
	SUEZ	00	9	32	1	0	0	—	19.8	21.3	47	02	7	00	0	1	4	Cs.	20.3	+1.4	12.8	23	+1	8	-4	68	0	44	7	144
Upper Egypt	FAIYÛM	01	9	18	2	1	3	Ci	20.3	22.8	23	02	8	14	1	2	5	Sc.	21.0	+1.9	11.2	24	+1	7	-2	62	0	7	2	153
	MINYA	02	6	32	1	1	4	Cs	20.0	19.5	44	08	4	04	2	1	7	Cs.	21.1	+1.8	12.1	21	0	8	-1	65	0	tr.	—	154
	ASYUT	01	8	30	3	1	2	Cs	19.6	20.9	49	02	6	30	3	1	4	Cs.	20.7	+0.9	10.0	22	0	—	—	80	0	3	2	155
	QENA	00	8	26	2	0	0	—	18.4	22.2	40	01	7	32	1	0	3	Ac.	20.0	+1.4	9.8	25	+1	6	-3	63	0	1	—	156
	LUXOR	01	9	02	3	0	2	Ci	19.2	22.0	37	01	8	06	1	0	2	Ci.	21.0	—	8.1	24	—	5	—	82	0	9	—	157
	ASWÂN	01	7	30	2	1	3	Ci	16.8	22.5	27	00	7	02	1	0	0	—	19.5	+1.1	13.0	23	-3	10	-1	59	0	dr.	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	21.5	20.0	64	00	8	00	0	0	0	—	21.6	+2.1	6.1	22	+1	2	-4	75	0	1	3	148
	BAHARIYA	00	9	24	1	0	0	—	20.3	20.1	46	00	9	00	0	0	0	—	21.1	—	7.5	21	—	4	—	52	0	0	—	149
	KHARGA	00	8	04	2	0	0	—	19.1	20.8	46	00	8	00	0	0	0	—	20.2	+1.5	10.5	21	-4	5	-3	69	0	0	tr.	151
	DÂKHLA	01	8	00	0	0	3	Ci	20.8	19.5	59	01	7	00	0	1	3	Ci.	21.6	+1.4	7.0	22	-2	3	-4	78	0	0	—	152
Red Sea	TÔR	00	7	28	7	0	1	Ci	17.8	21.0	61	01	5	32	3	0	4	Ac.	18.8	+1.2	13.0	23	0	8	-2	67	0	20	6	145
	HURGHÂDA	00	9	30	3	0	0	—	18.3	21.5	46	02	—	26	3	1	4	Sc.	19.1	+1.7	17.6	22	-2	11	-2	51	0	43	—	146
	QUSEIR	00	7	02	2	0	1	Cs	18.7	21.0	46	00	7	26	2	0	1	Ci.	19.0	+1.9	18.2	22	-3	14	-2	51	0	2	5	147
	PORT SUDAN	03	—	04	3	6	7	—	15	28	75	00	—	32	4	5	0	—	16.2	+1.1	25.0	30	+2	22	0	70	6	42	73	169
North Sudan	WÂDI HALFA	01	8	32	6	1	3	Ac.	15.3	25	13	00	8	02	2	0	1	Ac.	19.5	+0.6	13.8	26	0	10	0	39	—	—	—	165
	KAREIMA	00	8	04	3	0	1	—	12.9	32	35	01	8	04	3	1	4	Cs.	15.7	-0.8	21.8	32	+1	19	+5	44	0	dr.	1	166
	'ATBARA	01	—	30	2	1	3	—	10	33	35	00	8	02	3	0	1	Ci.	14.3	-0.1	24.0	33	+1	20	+5	54	0	1	1	167
	KHARTÛM	01	8	28	3	1	3	—	8.8	36	31	01	8	32	2	1	4	Cs.	13.4	-0.3	22.7	36	+3	20	+3	46	0	24	5	168
	KASSALA	01	8	02	5	1	3	—	6.2	36	27	00	8	02	1	0	0	—	11.4	-0.9	24.7	36	+1	19	+1	62	0	7	11	170
Central Sudan	WAD MEDANI	01	—	28	3	0	3	—	7	35	10	00	—	06	3	0	0	—	12.3	-0.7	23.2	36	+2	16	-1	52	0	44	13	171
	DUEIM	01	8	28	3	1	3	—	8	36	10	00	8	04	3	0	0	—	12.3	-0.8	27.6	—	—	20	+4	28	0	17	12	173
	RENK	01	7	30	3	0	4	—	5.9	37	36									—									—	182
	ROSEIRES	01	—	30	1	0	3	—	6	38	10	00	—	14	1	0	0	—	11.4	-0.1	25.2	40	+4	16	0	36	0	72	37	172
	EL OBEID	02	8	32	2	1	5	—	7.8	32	38	01	8	28	2	0	2	Ci.	13.1	-2.1	20.5	32	+1	17	+5	50	0	20	19	174
	EL FASHER	02	8	06	2	1	5	—	—	27	10	01	8	32	1	1	4	Cs.	—	—	15.8	31	-1	12	+2	42	0	4	8	175
	GENEINA	01	8	08	4	1	4	Ac.	—	32	13	01	8	04	3	1	4	Cs.	—	—	16.8	35	—	13	—	28	0	19	—	179
	KADUGLI	01	7	24	4	1	3	—	—	38	25																		—	187
S. Sudan	MALAKÂL	03	8	04	3	1	7	—	4.3	38	22	01	8	02	2	0	2	Ci.	10.4	-0.8	25.1	38	+2	18	+1	36	0	75	93	176
	WAU	02	—	04	2	1	5	—	8	35	25	02	—	32	1	0	4	—	8.7	-2.4	22.9	35	0	17	-1	53	0	106	146	177
	JUBA	00	8	00	0	0	1	—	8.2	36	32	00	8	30	2	0	0	—	10.8	-0.2	23.4	37	+1	18	-2	53	0	214	135	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 13th — الرياح العليا يوم ١٣

SALUM 7h	MATRUH 7h	PORT SAID 8h	CAIRO	HELWAN 9h	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 5h	KHARTUM 6h	KASSALA 7h	EL OBEID 6h	MALAKAL 6h	JUBA 6h	GENEINA 7h
02 25 40	02 24 40	02 24 20		02 17 65	02 30 10	02 36 10	03 02 25	06 06 45	06 04 40	06 11 10	07 01 35	06 02 30	06 27 10	10 05 35
05 27 —	05 27 35	05 23 20		05 18 05	05 02 25	05 03 15	06 04 35	10 07 80	10 04 30	10 13 05	10 04 40	10 03 65	10 23 25	15 07 25
10 26 35	09 27 35	10 24 15		08 25 05	10 03 25	10 19 15	10 02 35	15 07 30	15 05 15	15 09 02	15 05 25	15 03 45	15 20 25	20 30 10
15 25 65		15 29 10		10 26 10		15 26 35	15 07 30	20 08 15	20 31 20	20 13 05	20 09 05	20 10 20	20 18 30	30 27 10
20 26 50		20 25 25		15 23 15		20 24 25	20 35 10	30 24 15	25 28 30	30 07 30	30 27 15	25 09 15	30 14 40	40 09 10
25 24 35		25 27 25		20 29 10			30 21 15	33 22 25	30 27 15	40 04 25	40 36 15	30 09 20	40 13 55	50 10 20
30 24 35		29 27 30		23 28 15					40 32 10	50 35 05	50 05 15	40 12 25		
				25 28 20					50 02 10	53 29 15		48 06 20		
				27 26 15					57 03 10					

Forecast for 24 hours from noon on 13th
On the coast fresh west to southwest winds, strengthening later.
Inland light to moderate variable winds chiefly southwesterly.
Much medium cloud at times.
Little change in temperature

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٣
على السواحل رياح بحرية غربية وجنوبية غربية نسيمية
ثم تشتد فيما بعد
وفي الداخل رياح مختلفة الاتجاه ولكنها اكثرها
جنوبية غربية بين الخفيفة والمعتدلة
يكثر السحاب المتوسط الارتفاع احيانا
ولا تتغير درجة الحرارة الا قليلا

Station	Mean of day Humidity % on 12th	Diff. from normal	Wet bulb temp. °C on 12th	Diff. from normal
Alexandria	45	-20	12.3	-0.5
Ezbekiya	—	—	—	—
Giza	—	—	—	—
Helwan	45	-15	9.9	-1.0
Giza Grass minimum 13th	—			

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
13.12	1482	1273
12.12	1563	1389

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	11.12	13.31	-0.18	13.33	-0.17
Nasser	12.12	8.75	-0.62	8.81	-0.54
Malakal	13.12	12.11	-0.02	12.13	-0.01
Roseires	13.12	13.33	+0.38	13.36	+0.37
Sennar Res	11.12	20.70	—	20.70	—
J. Aulia U.S	11.12	375.72	—	375.74	—
J. Aulia D.S	11.12	372.12	-0.21	372.11	-0.23
Khartum	13.12	11.48	-0.20	11.51	-0.19
Kh. el Girba	—	—	—	—	—
Atbara	12.12	10.98	-0.10	10.98	-0.10
Kajnarti	12.12	134.30	-0.38	134.36	-0.34
Aswan Res	13.12	120.45	—	120.42	—
Aswan D.S	13.12	86.62	+0.24	86.74	+0.16
Roda (Cairo)	13.12	16.22	+0.15	16.27	+0.17

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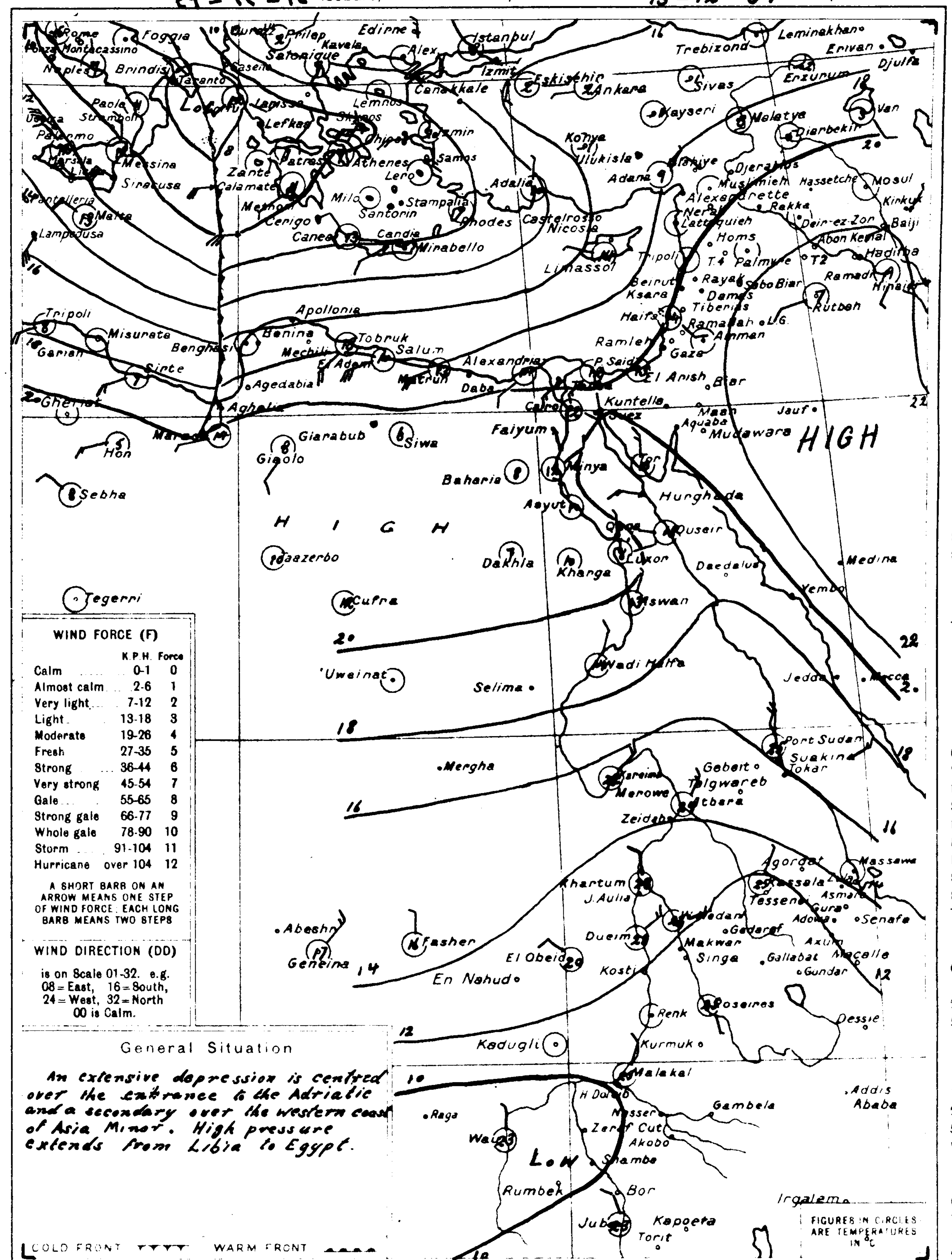
١٤-١٢-٢٩ Isobars, Wind and Temperature at 8 h. 13-12-39



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
An extensive depression is centred over the entrance to the Adriatic and a secondary over the western coast of Asia Minor. High pressure extends from Libia to 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 13th — الساعة ٨ يوم ١٣

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.
Limassol	01	7	31	1	2	4	—	17.5	0.0	14	—	—	—	—	—	0	95	133
Haifa	02	—	10	2	4	5	—	19.5	+3.1	14.4	18	-3	13	+2	83	34	92	185
Kharga 12h	00	8	00	0	0	0	—	22.2	+3.6	10.3	21	-4	7	-1	64	0	0	tr.

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 42
Time of Sunset 16 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1939 ١٩٣٩ ديسمبر — ١٤-١٢-٣٩

13th (At 14 h.) ١٣ — THURSDAY 14th (At 8 h.) الخميس ١٤

Station	ww	V	DD	F	W	N	C	Bar. Press.	TT	UU	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs. PPP	Diff. from normal	Temp. Dry Bulb	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1	No.
SALUM	00	8	20	5	0	0	—	16.2	20.0	35	01	7	26	3	0	2	Cu.	20.2	+2.4	9.2	20		7		84	0	30		130
MATRUH	00	8	22	2	0	0	—	16.7	21.3	51	00	9	20	2	0	0	—	19.9	+1.4	13.9	22	+2	9	−1	53	0	37	53	131
DEKHEILA	01	8	24	3	1	3	Cc.	—	21.1	37	00	8	18	2	0	0	—	20.8	—	12.0	21		10		49	0	15		150
ALEXANDRIA	02	9	20	3	2	4	Ac.	18.4	20.2	40	00	9	00	0	0	0	—	20.3	+1.6	12.4	20	−1	11	−1	51	0	8	63	152
DAMIETTA											00	7	20	1	0	0	—	—	—	10.6	21		10		65	0	19	31	133
PORT SAID	01	7	20	4	1	3	Cc.	18.0	19.0	48	00	7	18	4	0	0	—	20.3	+2.9	12.9	20	0	10	−2	73	0	13	22	134
EL ARISH	02	9	30	1	1	4	Cu.	18.8	19.0	45	01	9	00	0	0	2	Cu.	19.2	—	10.5	22		7		68	0	31	23	135
DAMANHUR											00	8	18	2	0	0	—	21.0	+2.6	10.8	22	0	8	−2	58	0	tr.	26	136
MANSURA											00	8	24	2	0	0	—	19.5	—	8.9	21	−1	7	−3	72	0	11	13	137
TANTA	02	8	20	3	1	4	Cs.	18.6	20.5	43	00	7	00	0	0	0	—	21.1	+2.4	11.0	21	0	6	−3	63	0	1	11	138
ZAGAZIG	00	9	20	1	0	0	—	18.7	21.9	43	00	7	20	1	0	0	—	21.5	—	10.9	22	0	4	−4	69	0	dr.	8	139
ALMAZA	02	8	26	3	2	5	Cs.	19.2	19.2	57	00	8	00	0	0	0	—	21.1	—	13.8	21		7		58	0	4		141
EZBEKIYA	02	8	28	1	2	5	Ci.	18.8	20.7	31	05	5	14	2	0	0	—	21.6	+2.7	10.1	23	+2	8	−1	60	0	1	6	—
GIZA	02	8	26	1	2	5	Ci.	18.7	21.6	30	05	7	14	2	0	0	—	21.1	+1.5	10.0	23	+2	5	−3	66	0	1	8	
HELWAN	02	8	22	1	2	5	Ci.	19.0	19.8	30	00	7	24	1	0	0	—	21.8	+3.3	10.9	21	+1	7	−3	44	0	7	6	143
SUEZ	02	9	02	3	1	4	Cu.	18.4	20.0	40	00	7	00	0	0	0	—	21.1	+2.2	10.4	21	−1	8	−4	70	0	44	7	144
FAIYUM	02	9	22	2	2	5	Cs.	19.1	21.5	38	00	8	00	0	0	0	—	21.8	+2.7	11.8	24	+2	6	−3	54	0	7	2	153
MINYA	03	6	30	3	2	7	Cs.	19.0	19.2	41	08	4	00	0	0	0	—	22.3	+3.0	9.7	20	−1	6	−2	74	0	tr.		154
ASYUT	02	8	28	3	1	5	Cs.	18.7	21.3	35	00	6	08	2	0	0	—	22.0	+2.1	10.0	23	+2	—	—	62	0	3	2	155
QENA	02	8	24	1	2	5	Cu.	17.4	20.7	46	00	7	26	1	0	0	—	20.6	+2.0	10.4	24	0	7	−2	71	0	1	—	156
LUXOR	02	8	30	2	1	5	Ci.	17.6	23.8	41	00	9	10	1	0	0	—	21.1	—	8.3	25		4		75	0	9	—	157
ASWAN	01	7	30	1	1	3	Ci.	15.5	24.3	31	00	7	00	0	0	0	—	18.7	+0.2	14.0	25	−1	11	0	51	0	dr.	—	158
SIWA	00	8	00	0	0	0	—	19.4	22.0	50																		3	148
BAHARIYA	01	9	24	1	1	3	Cc.	19.1	19.0	46	00	9	24	1	0	0	—	—	—	7.8	22	—	6	—	75	0	0	—	149
KHARGA	00	8	04	3	0	0	—	17.5	20.0	55	00	8	00	0	0	0	—	20.3	+1.6	10.9	21	−4	8	0	64	0	0	tr.	151
DAKHLA	02	7	04	1	2	4	Ci.	19.4	20.5	52	00	7	00	0	0	0	—	22.4	+2.2	6.5	22	−1	3	−4	78	0	0	—	152
TOR	02	6	28	3	1	5	As.	16.7	21.5	63	00	6	32	3	0	0	—	19.4	+1.8	11.1	22	−1	9	−1	68	0	20	6	145
HURGHADA	02	9	02	3	1	5	St.	17.0	22.0	44	00	9	26	3	0	0	—	19.5	+2.0	16.6	23	−1	11	−1	48	0	43	—	146
QUSEIR	02	7	32	2	1	4	Ac.	17.6	22.0	58	00	7	26	2	0	0	—	19.0	+1.9	19.0	23	−2	14	−2	54	0	2	5	147
PORT SUDAN	03	—	02	4	1	7	—	13	28	65	02	—	02	3	1	4	—	17.5	+2.4	25.4	29	+1	22	+1	75	0	42	74	169
WADI HALFA											00	8	32	3	0	1	Ac.	18.3	−0.6	14.0	29	+3	11	+2	39	—	—		165
KAREIMA	01	7	04	1	0	2	—	12.4	—	15	00	8	04	2	0	0	—	16.9	+0.4	21.0	33	+2	19	+5	43	0	dr.	1	166
ATBARA	06	—	06	2	0	—	—	9	33	25	00	8	32	3	0	1	Ci.	15.9	+1.4	23.8	34	+2	20	+5	51	0	1	1	167
KHARTUM	01	8	28	2	1	2	—	7.6	37	24	00	8	02	3	0	0	—	14.1	+0.3	23.1	38	+5	20	+3	46	0	24	5	168
KASSALA	00	8	24	1	0	0	—	6.3	36	30	00	8	06	1	0	0	—	12.0	−0.3	25.0	36	+1	21	+4	62	0	7	11	170
WAD MEDANI	01	—	28	3	0	3	—	7	36	10	00	—	04	3	0	0	—	12.8	−0.2	23.9	36	+2	16	−1	42	0	44	13	171
DUEIM	00	8	04	2	0	0	—	8	35	25	00	8	03	3	0	0	—	13.1	−0.1	24.8	—	—	20	+5	39	0	17	12	173
RENK	01	6	27	2	0	3	—	6.6	37	36																		—	182
ROSEIRES	01	—	30	1	0	3	—	7	37	25	00	—	26	1	1	0	—	12.6	+1.1	22.4	39	+3	15	−1	43	0	72	37	172
EL OBEID	03	8	30	2	1	8	—	8.3	32	38	00	8	30	2	0	0	—	13.9	−1.3	20.2	33	+2	16	+4	57	0	20	19	174
EL FASHER	01	9	08	3	1	3	—	—	31	10	00	8	30	2	0	0	—	—	—	15.0	32	0	12	+2	50	0	4	8	175
GENEINA	01	7	04	3	1	3	Ac.	—	33	24	01	8	06	2	1	3	Cs.	—	—	15.1	35	—	11	—	40	0	19	—	179
KADUGLI	00	7	04	5	0	1	—	5.6	37	24																		—	187
MALAKAL	01	7	04	3	0	2	—	5.0	37	32	00	8	04	4	0	0	—	10.8	−0.4	25.1	37	+1	19	+2	29	0	75	93	176
WAU	01	—	04	3	0	3	—	5	37	10	00	—	04	1	0	0	—	—	—	22.0	37	+2	18	0	62	0	106	146	177
JUBA	01	8	12	2	0	3	Cu.	4.7	38	17	00	8	30	2	0	0	—	10.7	−0.3	23.8	38	+2	18	−2	54	0	214	136	178

UPPER WINDS ON 14th

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

SALUM 7 h.	MATRUH 7 h.	P.SAID 8 h.	MINYA 6 h.	HELWAN 9 h.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 5 h.	KAREIMA 5 h.	KHARTUM 6 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 6 h.	GENEINA 7 h.
02 29 20	02 24 35	02 25 15	05 34 15	02 15 10	02 28 10	02 01 20	03 01 20	06 04 50	06 03 55	06 17 10	07 01 45	06 02 55	06 30 10	10 05 35
05 32 —	05 27 30	05 28 15	10 34 20	05 33 30	05 01 25	05 01 50	06 01 30	10 05 70	10 02 45	10 14 15	10 03 50	10 02 45	10 15 35	15 04 40
10 35 15	10 28 15	10 31 10	15 32 25	08 32 10	10 01 35	10 30 15	10 35 25	15 05 55	15 01 35	15 12 15	15 05 15	15 04 25	15 13 50	20 02 25
15 36 15	15 27 10	15 29 10	20 33 30	10 32 15	15 34 35	15 24 40	15 28 05	17 04 40	20 36 15	20 10 20	20 31 10	20 06 20	20 15 45	30 35 05
20 35 25		20 29 15	25 32 30	15 29 05		20 26 30	20 25 10		25 34 10	30 08 10	30 35 10	25 07 10	30 14 35	40 28 10
25 34 20		25 27 30		20 33 15			28 27 20		30 01 05	40 23 10	35 35 10	30 13 10	37 14 25	45 27 10
30 32 30		30 27 40		22 29 15					40 31 10	50 19 10		36 15 35		
35 33 30		33 26 45							50 28 20	53 18 05				

Forecast for 24 hours from noon on 14th
On the coast moderate westerly winds becoming northwesterly and freshening.
Inland light to moderate winds between southwest and northwest.
Clear or occasional medium cloud. Possibly light rain on the coast in the west tomorrow. Slightly cooler.

١٤ عن الطقس المنتظر لمدة ٢٤ ساعة من ظهر يوم
على الساحل رياح متوسطة غربية تصير شمالية غربية
وتشتد نوعا وفى الداخل رياح بين خفيفة ومعتدلة جنوبية غربية وشمالية غربية
السماء صحو او يظهر بعض سحاب متوسط احيانا
يحتمل سقوط مطر خفيف على الجزء الغربى من الساحل
باكر. تهبط درجة الحرارة قليلا

STATION	Mean of day Humidity 13th	Diff. from normal	Wet Bulb Temp. °C 13th	Diff. from normal
Alexandria	41	−24	10.9	−1.8
Ezbekiya	53	−19	10.0	−2.2
Giza	67	−10	9.9	−2.2
Helwan	39	−21	9.5	−1.3

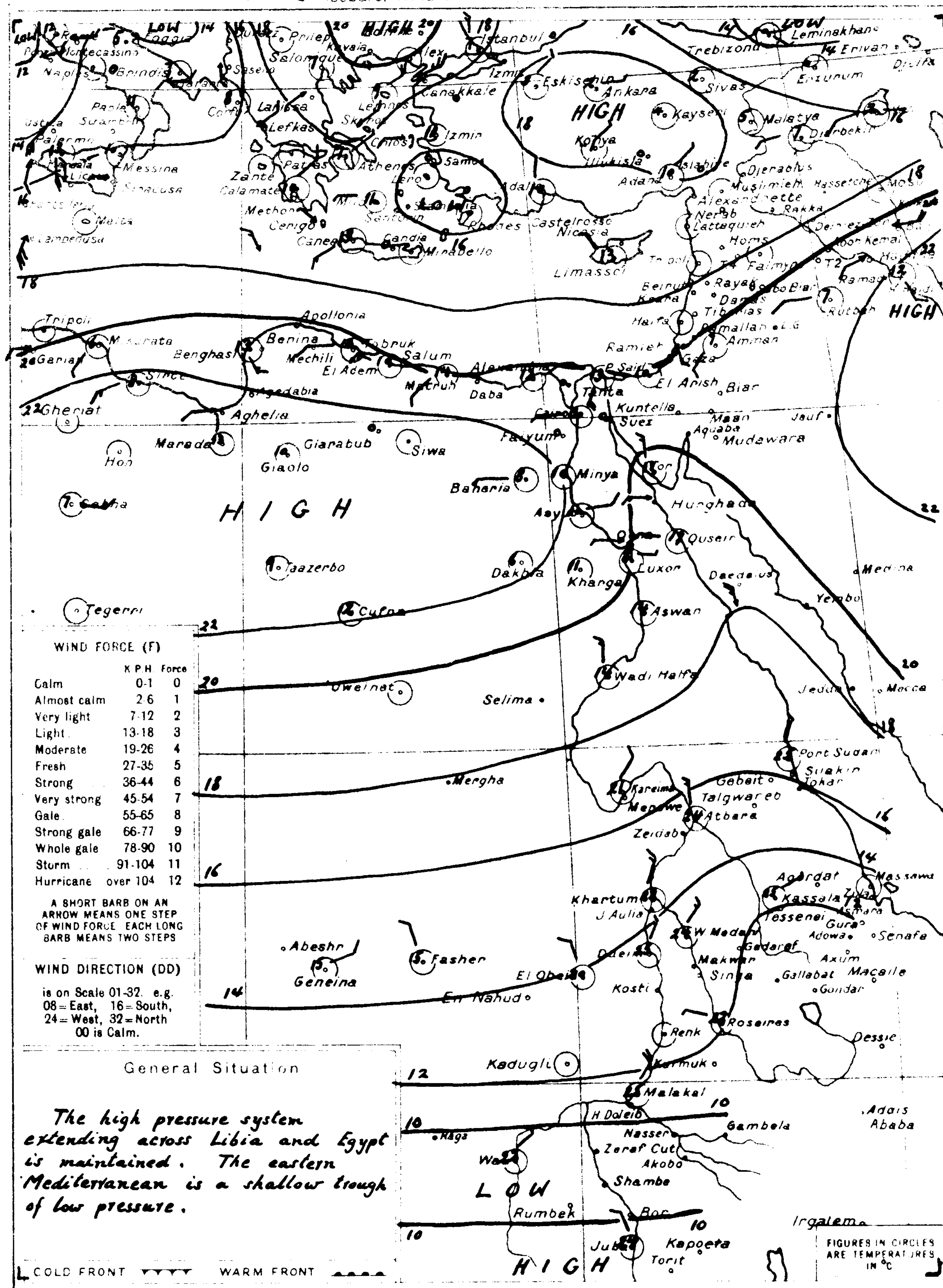
Giza Grass minimum on 14th 1.5 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1939	1938
14.12	1401	1157
13.12	1482	1273

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	13.12	13.35	−0.13	13.29	−0.19
Nasser	13.12	8.62	−0.69	8.75	−0.62
Malakai	14.12	12.09	−0.02	12.11	−0.02
Roseires	14.12	13.30	+0.37	13.33	+0.38
Sennar Res	13.12	20.69	—	20.70	—
J. Aulia U S	13.12	375.72	—	375.70	—
J. Aulia D S	13.12	372.11	−0.21	372.11	−0.22
Khartum	14.12	11.47	−0.19	11.48	−0.20
Kh. el Girba	—	—	—	—	—
Atbara	14.12	10.96	−0.11	10.97	−0.11
Kajnarti	13.12	134.24	−0.41	134.30	−0.38
Aswan Res	14.12	120.47	—	120.45	—
Aswan D.S	14.12	86.50	+0.31	86.62	+0.34
Roda (Cairo)	14.12	16.22	+0.18	16.22	+0.15

Isobars, Wind and Temperature at 8 h. 14-12-39



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 across Libia and Egypt is maintained. The eastern Mediterranean is a shallow trough of low pressure.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 14th ١٤ الساعة ٨ صباحا

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	60	6	28	1	6	6	—	17.6	+0.1	13	—	—	—	—	—	4	99	136
Haifa	02	—	10	2	—	5	—	19.9	+3.5	15.6	20	0	12	+2	64	0	92	191
SHIPS سفن																		

Remarks

* El Roda (Cairo) River Gauge Reading for 9.12.39 published on 9 & 10.12.39 should read 16.22 instead of 16.12 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
[illegible]	08
Distant Rain	09
Rain [illegible]	10
Thunder [illegible]	11
Distant Duststorm	12
Squall	14
Slight Duststorm	15
Rain in past hour	19-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog [illegible]	40-49
[illegible]	41
[illegible]	42
[illegible]	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and 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] Rain	91
with [illegible]	96
with Duststorm	98
[illegible]	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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. 43

" " Sunset h. 16 m. 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1939 — ١٩٣٩ شهر ديسمبر

At 14 h. on 14th — الساعة ١٤ يوم ١٤

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN										
SALÛM	01	8	26	1	0	3	Cu	17.4	18.7	54
MATRÛH	00	7	30	4	0	1	—	13.8	19.2	51
DIKHEILA	00	8	27	3	0	0	—	20.4	20.6	38
ALEXANDRIA	00	7	22	2	0	0	—	19.6	20.2	42
DAMIETTA										
PORT SAÏD	00	7	18	3	0	0	—	19.1	19.7	43
EL 'ARÎSH	01	7	28	1	0	2	Cu	20.2	19.2	49
LOWER EGYPT										
DAMANHÛR										
MANSÛRA										
TANTA	00	8	00	0	0	0	—	19.6	21.0	34
ZAGÂZÎG	00	9	22	1	0	0	—	20.9	21.9	69
MIDDLE EGYPT										
CAIRO ALMÂZA	00	8	27	2	0	0	—	20.0	20.3	54
CAIRO EZBEKÎYA	00	8	20	1	0	0	—	19.8	21.3	27
CAIRO GÎZA										
HELWÂN	00	8	26	2	0	0	—	19.8	19.1	26
SUEZ	00	9	32	2	0	0	—	19.5	20.3	44
FAIYÛM	00	7	28	2	0	0	—	20.2	21.2	34
UPPER EGYPT										
MINYA	00	7	02	2	0	0	—	19.8	20.0	38
ASYÛT	00	8	22	3	0	0	—	19.2	21.0	38
QENA	00	8	26	1	0	0	—	17.7	23.3	36
LUXOR	00	9	02	1	0	0	—	18.3	24.8	32
ASWÂN	01	7	32	1	1	3	Ci	16.7	24.0	20
WESTERN DESERT										
SÎWA	00	8	00	0	0	0	—	21.8	21.2	42
BAHARÎYA	00	9	24	1	0	0	—	19.8	21.5	43
KHARGA	00	8	04	2	0	0	—	18.2	20.6	44
DÂKHLA	00	8	28	1	0	0	—	20.2	20.6	51
RED SEA										
TÔR	00	7	28	5	0	0	—	16.8	21.2	73
HURGHADA	00	9	32	3	0	0	—	17.4	22.8	39
QUSEIR	00	7	02	2	0	0	—	17.9	22.4	42
PORT SUDAN	02	—	04	3	1	5	—	15	29	65
NORTH SUDAN										
WÂDI HALFA	00	8	32	5	0	1	Ac	16.1	26	10
KAREIMA	01	8	02	3	0	3	—	13.1	31	37
'ATBARA	00	8	28	3	0	0	—	11	33	35
KHARTÛM	00	8	02	2	0	0	—	6.7	36	23
KASSALA	00	8	02	2	0	0	—	6.2	36	31
CENTRAL SUDAN										
WAD MEDANI	01	—	28	3	0	3	—	8	35	10
DUEIM	00	8	32	2	0	0	—	8	35	25
RENK	00	7	30	3	0	0	—	7.0	37	17
ROSEIRES	01	—	26	1	0	3	—	7	37	10
EL OBEID	01	8	30	2	0	3	—	—	—	—
EL FASHER	01	8	10	1	0	3	—	—	29	10
GENEINA	01	8	08	4	1	4	Ac	—	33	7
KADUGLI	00	7	28	4	0	1	—	5.5	37	20
S. SUDAN										
MALAKÂL										
WÂU	01	—	04	3	0	3	—	5	37	10
JUBA										

At 8 h. on FRIDAY 15th — الساعة ٨ يوم الجمعة ١٥

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. 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	Station Number
SALÛM	01	7	26	3	0	3	Sc.	23.0	+5.2	10.4	20	—	8	—	83	0	30	—	130
MATRÛH	00	9	20	1	0	1	Cu	20.6	+2.1	18.0	21	+1	11	+1	73	0	37	57	131
DIKHEILA	01	8	16	1	0	3	Ci	23.4	—	12.7	21	—	9	—	54	0	15	—	150
ALEXANDRIA	02	9	00	0	2	4	Ac.	23.2	+4.5	14.1	21	+1	11	-1	56	0	8	65	132
DAMIETTA	00	6	00	0	0	0	—	23.0	—	11.3	22	—	8	—	77	0	19	51	159
PORT SAÏD	00	7	18	2	0	0	—	22.6	+5.2	15.6	21	+1	11	-1	66	0	13	23	134
EL 'ARÎSH	01	9	14	1	0	2	Cu	21.4	—	10.2	22	—	7	—	79	0	31	24	135
DAMANHÛR	01	6	12	2	0	3	Ci	23.9	+5.5	9.0	23	+1	7	-3	84	0	tr.	47	136
MANSÛRA	00	8	24	1	0	0	—	23.2	—	10.5	21	-1	7	-3	73	0	11	13	137
TANTA	00	8	00	0	0	0	—	23.9	+5.2	12.0	23	+2	4	-5	76	0	1	11	138
ZAGÂZÎG	00	6	14	1	0	0	—	23.8	—	11.4	23	+1	5	-3	86	0	tr.	8	139
CAIRO ALMÂZA	00	7	10	2	0	1	Cs.	23.1	—	11.4	22	—	8	—	52	0	7	—	141
CAIRO EZBEKÎYA	08	4	20	1	0	3	Ci	23.1	+4.2	10.2	23	+2	7	-2	77	0	1	6	—
CAIRO GÎZA	08	4	00	0	4	4	Ci	23.4	+3.8	5.7	24	+3	3	-5	70	0	1	8	—
HELWÂN	05	5	00	0	0	1	Ci	23.4	+4.8	12.3	21	+1	9	-1	47	0	7	6	143
SUEZ	00	7	32	1	0	0	—	22.8	+3.8	11.1	23	+1	7	-5	74	0	44	1	144
FAIYÛM	09	6	00	0	0	3	Cu	23.4	+4.3	11.2	24	+2	5	-3	67	0	7	4	153
MINYA	08	4	32	1	0	0	—	23.0	+3.6	7.0	21	0	11	+3	74	0	tr.	—	154
ASYÛT	00	6	22	3	0	0	—	22.6	+2.6	10.8	22	+1	—	—	60	0	3	tr.	155
QENA	00	7	28	1	0	0	—	21.9	+3.2	10.2	26	+2	5	-4	67	0	1	—	156
LUXOR	00	9	06	2	0	0	—	22.4	—	7.8	26	—	4	—	82	0	1	—	157
ASWÂN	00	7	32	2	0	0	—	20.8	+2.2	12.4	25	0	9	-2	55	0	tr.	—	158
SÎWA	01	8	00	0	0	3	Ci	23.9	+4.3	8.8	22	+1	2	-4	76	0	1	3	148
BAHARÎYA	00	9	32	1	0	0	—	23.5	—	6.5	22	—	3	—	70	0	0	—	149
KHARGA	00	8	00	0	0	0	—	23.4	+4.6	9.8	21	-4	5	-3	64	0	0	tr.	151
DÂKHLA	00	7	00	0	0	0	—	23.4	+3.2	8.0	23	0	4	-3	72	0	0	—	152
TÔR	00	6	32	3	0	0	—	20.3	+2.6	13.0	22	-1	8	-2	66	0	20	4	145
HURGHADA	00	9	26	3	0	0	—	21.0	+3.5	17.5	23	-1	11	-1	41	0	43	—	146
QUSEIR	00	7	30	2	0	0	—	20.6	+3.4	21.0	23	-2	15	-1	34	0	2	5	147
PORT SUDAN	50	—	32	3	2	9	—	17.9	+2.7	25.2	30	+2	22	+1	73	tr.	42	75	169
WÂDI HALFA	00	8	32	3	0	0	—	20.4	+1.4	11.9	26	+1	16	+1	34	—	—	—	165
KAREIMA	01	8	04	2	0	3	Ci	17.2	+0.6	20.8	32	+1	18	+4	36	0	tr.	1	166
'ATBARA	01	8	02	3	0	3	Ci	15.0	+0.5	23.3	33	+2	—	—	46		1	1	167
KHARTÛM	01	7	02	4	1	4	Cs.	13.6	-0.3	23.2	36	+3	20	+4	33	0	24	5	168
KASSALA	00	8	06	1	0	0	—	11.2	-1.1	25.3	36	+1	23	+6	62	0	7	11	170
WAD MEDANI	00	—	04	5	0	0	—	11.6	-1.5	24.4	36	+2	17	+1	49	0	44	13	171
DUEIM	01	8	32	3	1	4	Ci	12.4	-0.9	23.4	—	—	20	+5	43	0	17	12	173
RENK									—		—		—					—	182
ROSEIRES																	72	37	172
EL OBEID	01	8	30	3	1	4	Ci	14.0	-1.3	18.2	33	+2	16	+4	46	0	20	11	174
EL FASHER	01	8	00	0	1	4	Cs.	—	—	15.6	31	0	13	+3	42	0	4	8	175
GENEINA	01	8	08	4	1	4	Ac.	—	—	17.0	35	—	14	—	36	0	19	—	179
KADUGLI																		—	187
MALAKÂL	01	7	04	5	0	2	Cs.	9.1	-2.3	25.3	38	+2	19	+2	29	0	75	43	176
WÂU	02	—	32	2	0	4	—	8.4	-2.7	22.9	37	+2	19	+1	45	0	106	146	177
JUBA	01	8	00	0	1	3	Ci	9.1	-2.0	25.3	38	+2	20	0	62	0	214	136	178

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

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

SALÛM 7 h.	MATRÛH	P. SAID 8 h.	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA 5 h.	KAREIMA 5 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JUBA 5 h.	EL FASHER 6 h.
02 30 15		05 22 05					03 03 30	06 04 70	06 02 00	06 09 10	06 01 35	06 03 55	06 07 15	09 03 30
05 23 —		10 09 10					06 03 40	10 04 65	10 02 55	10 09 10	10 04 45	10 08 80	10 13 25	10 05 45
10 24 15		15 36 05					10 02 20	15 05 35	15 02 45	15 09 15	15 06 35	15 04 55	15 13 45	15 07 30
15 28 15		20 33 10					15 03 25	20 0[illegible] 20	20 04 30	20 09 20	20 07 35	20 06 35	20 15 35	20 02 20
20 28 10		25 28 25					16 04 25	30 01 15	25 06 45	30 05 10		25 07 30	30 14 55	30 25 25
22 30 35		30 27 45						33 05 25	30 14 60	40 34 05		30 09 25	35 15 50	40 27 15
25 28 50									40 01 05	50 34 05		39 13 45		44 23 15
30 29 55														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Humidity on 14th	Diff. from normal	Wet bulb temp °C on 14th	Diff. from normal
Alexandria	48	-17	11.2	-1.4
Ezbekiya	52	-20	9.4	-2.6
Giza	68	-9	—	—
Helwân	35	-25	8.6	-2.1

Giza Grass minimum on 15th: -0.8°C

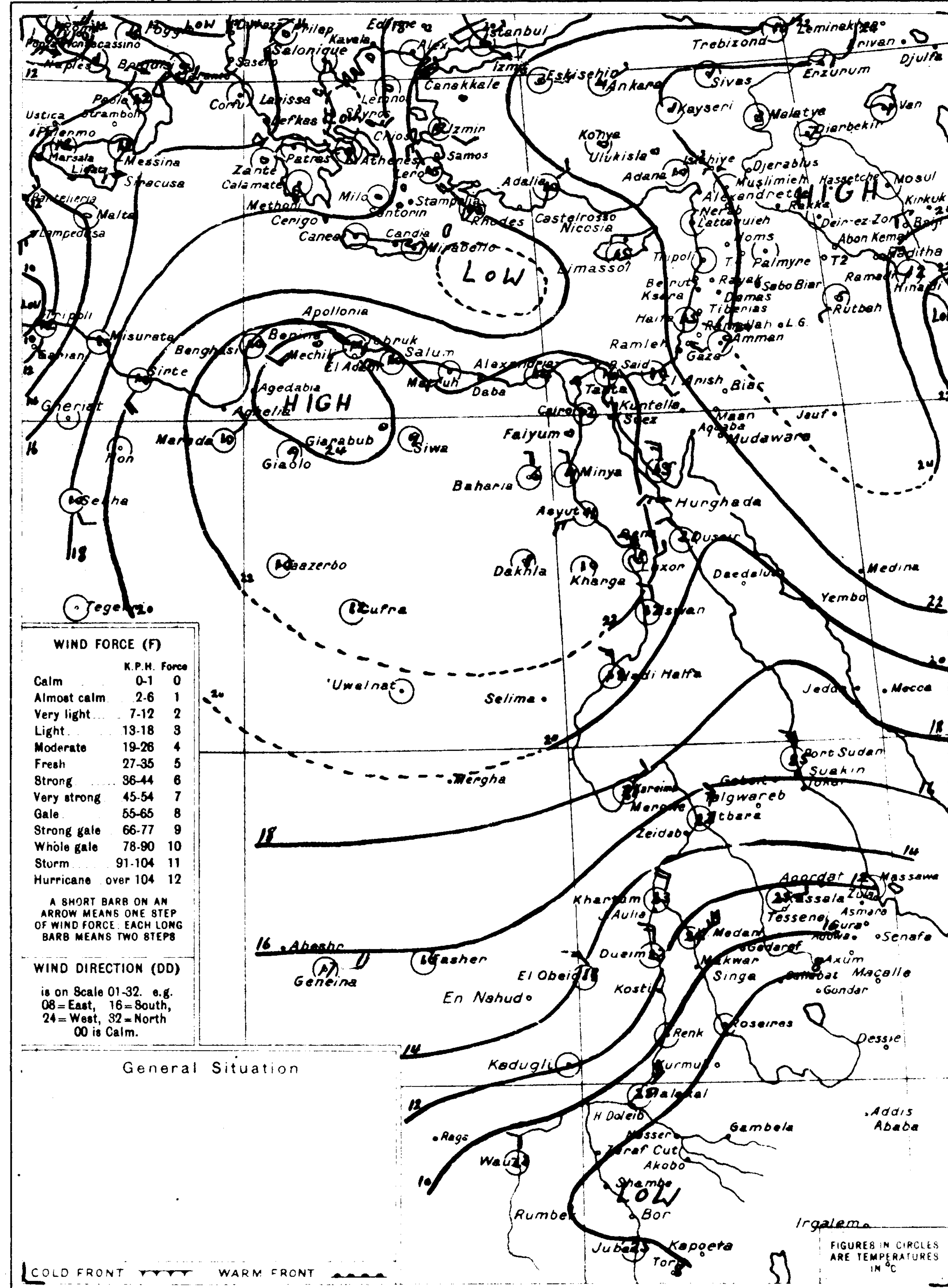
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
15-12	1320	1157
14-12	1401	1157

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	14-12	13.33	-0.15	13.35	-0.13
Nasser	13-12	8.68	-0.69	8.75	-0.62
Malakâl	14-12	12.49	-0.02	12.51	-0.02
Roseires	14-12	13.30	+0.37	13.33	+0.38
Sennâr Res	15-12	20.70	—	20.80	—
J. Aulia U S	13-12	375.72	—	375.70	—
J. Aulia D S	13-12	372.4	-0.21	372.4	-0.22
Khartûm	14-12	11.47	-0.19	11.48	-0.20
Khashm el Girba	—	—	—	—	—
'Atbara	14-12	10.96	-0.11	10.97	-0.11
Kajnarti	13-12	134.24	-0.41	134.30	-0.38
Aswân Res	15-12	120.50	—	120.47	—
Aswân D S	15-12	86.38	+0.19	86.50	+0.31
Rôda (Cairo)	14-12	16.22	+0.18	16.22	+0.15

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

Isobars, Wind and Temperature at 8 h. 15-12-1939 — ١٩٣٩-١٢-١٥



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

COLD FRONT — WARM FRONT

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

At 8 h. on 15-12-1939 — الساعة ٨ يوم ١٩٣٩-١٢-١٥

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	02	6	00	0	2	5	—	21.2	+3.7	15	—	—	—	—	—	tr.	99	140
Haifa	02	—	10	2	—	5	—	22.4	+6.0	14.8	21	+1	11	+1	86	5	97	198
Siwa 14th	00	8	22	1	0	0	—	21.0	+1.5	11.5	23	+2	9	+5	64	0	1	3

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 06 h 44 m
" " Sunset 16 h 58 m

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	14h 15th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Sat. 16th 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
MEDITERRANEAN																													
SALÛM	01	8	20	2	1	3	Ac.	22.4	20.0	58	02	7	18	1	1	5	Cs.	25.2	+7.5	14.3	21	—	10	—	73	0	30	—	130
MATRÛH	01	9	32	2	0	2	Cu.	22.8	19.5	69	02	9	16	1	1	5	Cs.	26.3	+7.8	14.8	22	+2	11	+1	70	0	37	55	131
DIKHEILA	01	8	26	3	0	2	Ci.	22.8	19.7	48	01	8	16	1	1	3	Cu.	25.8	—	14.2	22	—	10	—	67	0	15	—	150
ALEXANDRIA	01	9	24	1	2	3	Ac.	22.4	20.4	47	00	9	00	0	0	0	—	25.9	+7.2	14.8	22	+2	12	0	67	0	8	67	132
DAMIETTA											00	7	00	0	0	0	—	23.9	—	13.1	22	—	9	—	77	0	19	32	159
PORT SAÏD	00	7	18	2	1	0	—	21.9	20.2	54	01	7	20	3	1	3	Ac.	25.2	+7.7	14.6	22	+2	11	−1	90	0	13	23	134
EL'ARISH	01	9	30	2	0	3	Cu.	21.9	18.8	64	01	9	18	1	0	3	Cu.	25.5	—	10.9	22	—	7	—	87	0	31	24	135
LOWER EGYPT																													
DAMANHÛR											00	7	22	2	0	0	—	26.2	+7.8	11.7	23	+1	8	−1	79	0	tr.	28	136
MANṢÛRA											00	8	04	1	0	0	—	25.8	—	10.9	21	−1	8	−1	83	0	11	13	137
TANTA	01	8	00	0	1	3	Ac.	23.0	21.0	34	00	8	00	0	0	0	—	26.3	+7.6	11.0	23	+2	6	−3	87	0	1	11	138
ZAGÂZIG	00	9	26	1	0	0	—	22.7	22.4	40	00	7	02	1	0	0	—	26.2	—	11.9	23	+1	6	−2	89	0	tr.	8	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	32	3	0	2	Ci.	21.8	20.6	33	09	8	[illegible]	7	[illegible]	1	Cs.	24.7	—	14.4	21	—	7	—	65	0	4	—	141
CAIRO EZBEKIYA	01	7	00	0	1	3	Ci.	21.9	21.4	31	08	4	02	1	4	0	—	25.5	+6.6	10.8	22	+1	7	−2	75	0	1	6	—
CAIRO GIZA	01	7	02	2	1	3	Cc.	21.9	21.0	34	40	3	30	2	4	3	Cs.	25.6	+5.9	8.4	22	+1	5	−3	84	0	1	8	—
HELWÂN	01	7	32	3	0	2	Ci.	21.9	20.7	21	05	5	04	4	0	3	Ci.	25.1	+6.5	14.6	21	+1	11	+1	62	0	7	6	143
SUEZ	01	9	32	1	1	3	Sc.	21.5	20.6	45	00	7	30	2	0	0	—	—	—	14.6	22	0	10	−1	82	0	44	7	144
UPPER EGYPT																													
FAIYUM	01	9	32	3	1	3	Cs.	21.9	21.5	35	01	9	02	3	1	4	Ci.	25.1	+5.9	11.8	23	+1	6	−2	64	0	7	2	153
MINYA	02	7	30	2	1	4	Ac.	21.8	20.7	36	08	4	30	1	1	5	Cs.	24.4	+4.9	9.1	21	0	7	−1	79	0	tr.	—	154
ASYÛT	00	8	22	3	0	0	—	20.4	21.5	38	00	6	22	3	0	0	—	24.0	+4.0	10.0	23	+2	—	—	72	0	3	2	155
QENA	00	8	24	2	0	0	—	19.6	23.0	35	00	7	26	1	0	0	—	23.1	+4.4	10.9	25	+1	8	−1	67	0	1	—	156
LUXOR	00	4	30	2	0	0	—	20.0	24.5	36	00	9	02	1	0	0	—	23.5	—	8.9	25	—	5	—	74	0	9	—	157
ASWÂN	01	7	30	2	1	3	Cu.	18.0	24.4	31	00	7	02	1	0	0	—	22.0	+3.4	13.0	25	0	11	0	48	0	tr.	—	158
WESTERN DESERT																													
SIWA	01	8	00	0	0	3		23.0	21.5	69	00	8	00	0	0	0	—	27.5	+7.9	9.0	23	+2	2	−4	61	0	1	3	148
BAHARIYA	01	9	32	1	0	3	Ci.	21.8	19.9	42	00	9	32	1	0	0	—	25.2	—	8.2	23	—	3	—	61	0	0	—	149
KHARGA	00	8	04	3	0	0	—	19.6	20.0	45	00	8	32	1	0	0	—	23.0	+4.2	13.2	21	−4	8	+1	59	0	0	tr.	151
DAKHLA	00	8	00	0	0	0	—	21.8	21.0	49	01	7	00	0	0	3	Ci.	24.3	+4.1	9.5	24	+1	6	−1	67	0	0	—	152
RED SEA																													
TOR	00	7	28	4	0	1	Ci.	20.4	22.0	74	00	6	32	2	0	0	—	21.8	+4.1	12.0	22	0	9	−1	76	0	20	6	145
HURGHADA	00	9	32	3	0	0	—	19.8	22.9	47	00	9	26	3	0	0	—	22.3	+4.7	17.2	23	−1	10	−2	46	0	43	—	146
QUSEIR	00	7	32	2	0	0	—	19.2	23.0	38	00	7	30	2	0	0	—	21.1	+3.9	20.4	24	−1	16	0	39	0	2	5	147
PORT SUDAN											00	—	02	4	1	0	—	17.9	+2.7	24.7	28	0	21	0	70	9	51	70	169
NORTH SUDAN																													
WADI HALFA											00	7	32	3	0	0	—	21.1	+2.1	13.6	26	+1	9	0	39	—	—	—	165
KAREIMA											00	8	04	3	0	0	—	16.9	+0.3	22.6	32	+2	20	+7	40	0	tr.	1	166
ATBARA											00	8	04	3	0	0	—	15.4	+0.8	24.8	34	+3	20	+5	60	0	1	1	167
KHARTÛM											00	8	30	3	0	1	Ci.	14.2	+0.3	24.0	36	+3	21	+5	54	0	24	5	168
KASSALA											01	8	02	3	0	4	Ci.	12.1	−0.3	24.1	35	+1	19	+2	61	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	5	0	0	—	12.4	−0.7	23.8	36	+2	17	+1	57	0	44	13	171
DUEIM											01	8	03	4	1	3	Ci.	12.6	−0.7	24.6	—	—	21	+6	55	0	17	12	173
RENK																												—	182
ROSEIRES											00	—	14	1	0	0	—	10.7	−0.9	25.0	39	+3	17	+1	47	0	72	37	172
EL OBEID											00	8	28	1	0	0	—	14.0	−1.4	20.0	32	+1	17	+5	42	0	20	19	174
EL FASHER											00	8	28	1	0	0	—	—	—	13.6	29	−2	10	0	39	0	4	8	175
GENEINA											00	8	08	5	0	0	—	—	—	15.8	33	—	13	—	26	0	19	—	179
KADUGLI																												—	187
S. SUDAN																													
MALAKÂL											01	8	02	4	0	3	Ci.	8.4	−2.9	26.3	37	+1	20	+3	36	0	75	93	176
WÂU											00	—	32	1	0	0	—	9.1	−2.0	22.0	37	+2	20	+2	54	0	106	146	177
JÛBA											01	8	06	1	0	4	Ac.Ci.	8.1	−3.0	26.6	38	+2	19	−1	51	0	214	136	178

UPPER WINDS ON 16th الرياح العليا يوم ١٦

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

SALÛM 7 h	MATRÛH 7 h	P.SAID 8 h	MINYA 8 h	HELWÂN 8 h 30 m	ASYÛT 7 h	ASWÂN 7 h	WADI HALFA 6 h	KAREIMA 4 h	KHARTÛM 7 h	KASSALA 7 h	EL OBEID 6 h	MALAKÂL 3 h	JÛBA 7 h	FASHER 5 h
02 00 00	02 11 10	07 04 15	05 04 30	02 07 30	02 30 15	02 01 15	03 04 25	06 04 70	06 03 45	06 03 15	07 01 45	06 01 70	06 09 20	09 02 15
05 16 —	05 11 20	10 04 20	10 02 35	05 06 40	05 04 20	05 03 40	06 05 45	10 05 50	10 05 55	10 05 15	10 03 45	10 02 90	10 13 20	10 02 20
06 14 20	10 10 10	15 03 25	15 01 30	06 04 35	10 03 40	10 04 50	10 04 35	15 06 50	15 04 45	15 07 35	15 06 40	15 06 15	15 16 35	15 04 30
10 11 15	15 13 10	20 35 20	20 33 30	10 04 55	15 01 45	15 03 35	15 05 40	20 07 20	20 04 20	20 13 30	20 11 20	20 04 20	20 17 50	20 07 15
13 16 15		25 33 30		15 02 20	20 35 35	20 36 25	20 06 40		25 35 05	30 23 10	30 16 15	23 07 20	30 15 30	
14 20 15		29 32 40		19 36 40			30 01 10			40 03 10	40 09 25		40 13 30	
15 24 15		30 29 45					40 35 25			50 05 20			41 12 25	
17 28 15							44 34 30			57 05 15				
18 32 20														

Forecast for 24 hours from noon on 16th

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٦

تهب رياح خفيفة اغلبها جنوبية على السواحل
وتهب رياح معتدلة من الشمال الشرقي في الداخل
يظهر بعض السحاب العالي
والطقس معتدل اثناء النهار

STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp °C on 15th	Diff. from normal
Alexandria	54	−11	12.6	+0.1
Ezbekiya	65	−7	10.7	−1.2
Giza	81	+4	8.9	−2.9
Helwân	37	−21	9.7	−0.9

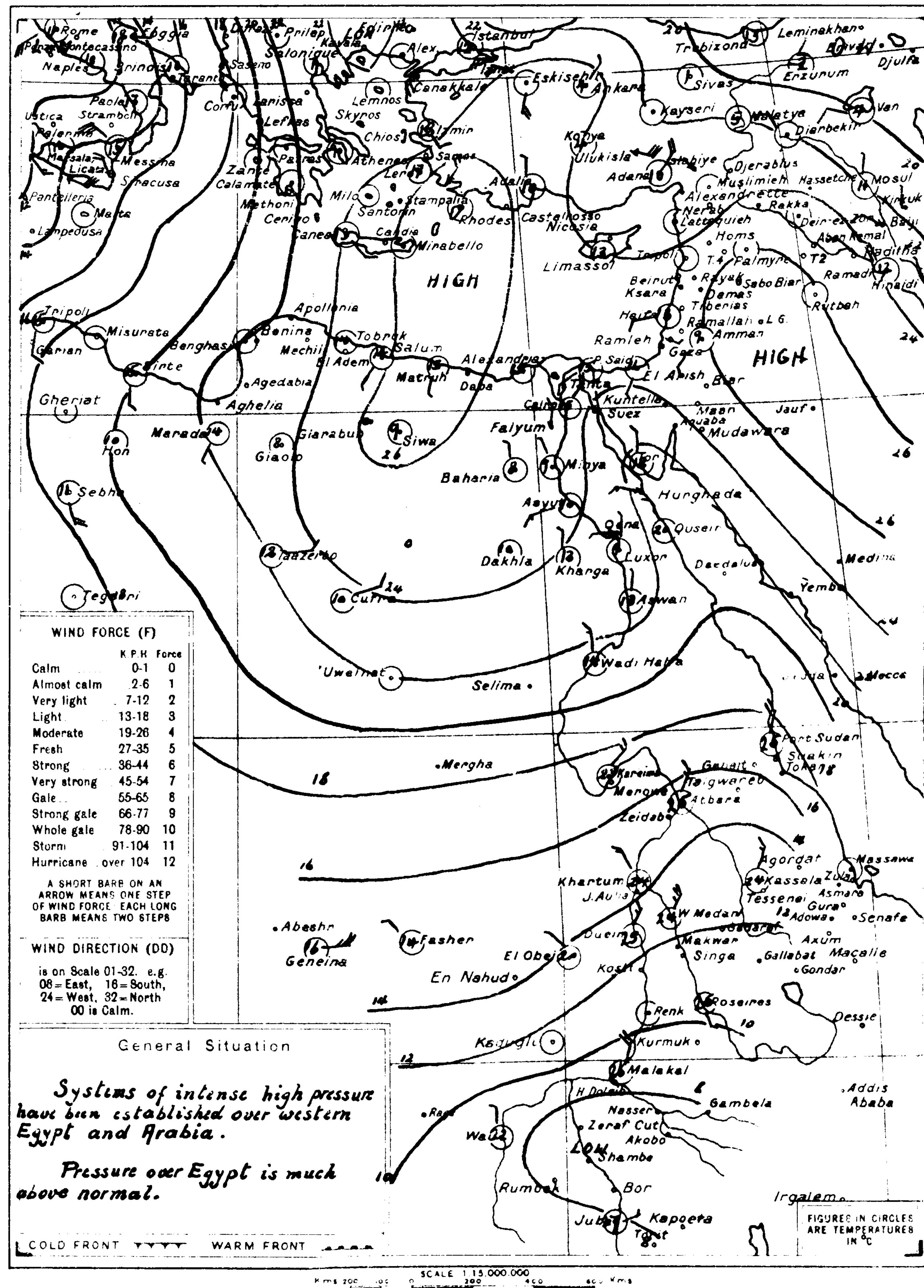
Giza Grass minimum on 16th 1.5 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
16.12	1274	1158
15.12	1320	1157

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	16.12	13.35	−0.12	13.35	−0.13
Nasser	15.12	8.30	−0.86	8.47	−0.76
Malakal	16.12	12.04	−0.03	12.06	−0.03
Roseires	16.12	13.22	+0.35	13.26	+0.37
Sennâr Res	15.12	20.70	—	20.80	—
J. Aulia U.S	15.12	375.67	—	375.71	—
J. Aulia D.S	15.12	372.11	−0.19	372.09	−0.22
Khartûm	15.12	11.43	−0.21	11.47	−0.19
Kh. el Girba	—	—	—	—	—
Atbara	15.12	10.94	−0.12	10.96	−0.11
Kajnarti	15.12	134.20	−0.38	134.21	−0.40
Aswân Res	16.12	120.50	—	120.50	—
Aswân D.S	16.12	86.30	+0.11	86.38	+0.19
Rôda (Cairo)	16.12	16.11	+0.13	16.15	+0.14

Isobars, Wind and Temperature at 8 h. 16-12-39 ١٦-١٢-٢٩



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

Systems of intense high pressure have been established over western Egypt and Arabia.

Pressure over Egypt is much above normal.

COLD FRONT WARM FRONT

STATION	At 8 h on 16th 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.
Limassol	01	7	00	0	1	1	—	23.9	+1.4	13	—	—	—	—	—	0	99	144
Halfa	02	—	22	2	—	4	—	25.0	+2.6	12.9	17	−3	11	+1	90	1	98	204
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	19
Rain in past hour	20-25
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 24
„ „ Sunset 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر ١٧-١٢-٣٩

At 14 h. on 16th — الساعة ١٤ يوم ١٦

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)
MEDITERRANEAN: SALÛM	02	7	14	4	1	5	Ac	24.0	19.9	45
MATRÛH	03	6	08	3	1	6	Sc	25.4	21.4	63
DIKHEILA	02	8	04	3	1	4	Cs	25.5	20.0	63
ALEXANDRIA	02	9	04	1	2	5	Ac	25.5	22.2	57
DAMIETTA										
PORT SAÏD	00	7	30	3	1	0	—	24.8	19.6	63
EL 'ARÎSH	01	9	28	2	0	3	Cu	25.6	19.7	66
LOWER EGYPT: DAMANHÛR										
MANṢÛRA										
TANTA	02	7	04	2	1	4	Cc	25.4	21.5	57
ZAGÂZÎG	01	9	04	1	0	3	Cu	25.6	21.4	62
MIDDLE EGYPT: CAIRO ALMAZA	02	8	04	5	1	5	Cs	24.3	22.4	44
CAIRO EZBEKÎYA	02	8	32	2	2	5	Ci	24.0	22.4	42
CAIRO GÎZA	02	7	02	3	2	5	Ci	24.2	22.6	43
HELWÂN	02	8	04	5	2	5	Ci	23.9	22.0	24
SUEZ	02	9	32	3	1	4	Sc	24.3	20.8	52
UPPER EGYPT: FAIYÛM	02	9	06	3	1	4	Cs	23.5	24.0	26
MINYA	02	6	02	4	1	5	Cs	22.3	21.5	38
ASYÛT	02	7	22	3	1	4	Cs	21.2	22.5	37
QENA	01	8	22	1	1	3	Ac	20.2	23.8	31
LUXOR	01	9	26	1	1	3	Ci	20.3	25.0	38
ASWÂN	01	7	32	3	1	3	Cu	17.8	26.0	24
WESTERN DESERT: SÎWA	02	8	00	0	2	5	Cs	24.8	19.0	63
BAHARÎYA	01	9	02	1	1	4	Cc	23.6	20.5	28
KHÂRGA	00	8	30	2	0	0	—	19.1	23.4	34
DÂKHLA	01	8	26	1	1	3	Ci	21.2	24.8	48
RED SEA: TÔR	01	7	28	5	0	3	Ci	20.0	22.5	78
HURGHÂDA	00	9	32	4	0	0	—	21.0	22.6	55
QUṢEIR	00	7	32	3	0	1	Ci	20.3	23.4	56
PORT SUDAN	01	—	32	4	1	3	—	17	28	75
NORTH SUDAN: WÂDI HALFA										
KAREIMA										
'ATBARA	12	6	04	3	0	—	—	11	34	25
KHARTÛM										
KASSALA										
CENTRAL SUDAN: WAD MEDANI	01	—	32	3	0	3	—	7	35	25
DUEIM	01	8	04	2	0	3	—	8	35	35
RENK	01	7	04	3	1	4	Ac	5	—	—
ROSEIRES	02	—	26	1	0	5	—	6	38	10
EL OBEID										
EL FASHER	00	8	32	3	0	0	—	—	30	10
GENEINA	00	8	08	5	0	0	—	—	32	09
KADUGLI	01	7	28	6	0	3	—	5.6	35	53
S. SUDAN: MALAKÂL										
WAU	01	—	04	5	0	3	—	5	37	25
JUBA										

At 8 h. on SUNDAY 17th — الساعة ٨ يوم الأحد ١٧

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C (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	12	3	2	8	As	24.7	+7.0	14.8	21		12		86	0	30	—	130
MATRÛH	03	6	12	2	1	8	Cb	25.2	+6.7	14.5	22	+2	12	+2	85	0	37	56	131
DIKHEILA	02	8	13	1	1	4	Ac	25.9	—	14.8	22	—	13	—	86	0	15	—	150
ALEXANDRIA	03	9	12	1	2	6	Ac	25.9	+7.2	16.0	23	+3	14	+2	79	0	8	69	132
DAMIETTA	02	4	26	1	2	5	Ac	24.8	—	15.3	21		13		92	0	19	32	159
PORT SAÏD	02	6	06	2	1	4	Cu	25.5	+8.0	16.0	22	+2	14	+2	88	0	13	24	134
EL 'ARÎSH	02	9	00	0	1	4	Cb	26.0	—	12.0	23		8		90	0	31	25	135
DAMANHÛR	02	6	08	2	2	5	Ac	26.4	+8.0	14.0	23	+1	11	+2	90	0	tr	28	136
MANṢÛRA	01	5	16	1	1	4	Sc	26.3	—	13.8	23	+1	10	+1	91	0	11	13	137
TANTA	02	6	00	0	1	5	Sc	26.6	+7.9	12.8	23	+2	9	0	97	0	1	11	138
ZAGÂZÎG	08	3	02	1	4	9	Sc	26.4	—	12.4	22	0	8	0	95	0	dr	9	139
CAIRO ALMAZA	01	8	08	4	1	4	Cs	25.2	—	15.9	22		7		74	0	4	—	141
CAIRO EZBEKÎYA	03	6	00	0	2	8	Ci	25.4	+6.4	12.3	24	+3	10	+1	89	0	1	7	—
CAIRO GÎZA	47	2	30	1	4	5	Cc	25.9	+6.2	9.2	23	+3	7	−1	96	0	1	8	—
HELWÂN	01	6	04	6	1	4	Ci	25.4	+6.8	16.0	22	+2	14	+4	70	0	7	7	143
SUEZ	01	7	32	2	1	4	Sc	24.3	+5.3	16.5	22	0	12	+1	81	0	44	8	144
FAIYÛM	01	9	30	2	0	3	Cu	25.6	+6.4	13.2	25	+3	10	+2	85	0	7	2	153
MINYA	08	4	32	1	0	0	—	23.6	+4.1	10.6	22	+2	8	0	83	0	tr		154
ASYÛT	00	6	22	3	0	0	—	23.0	+2.9	12.0	23	+2	—	—	74	0	3	3	155
QENA	01	7	32	2	1	3	Cu	22.6	+3.8	13.1	26	+2	10	+1	63	0	1	—	156
LUXOR	00	9	08	1	0	0	—	22.6	—	11.2	25		8		77	0	9	—	157
ASWÂN	02	7	32	1	1	5	Cu	21.4	+2.7	14.6	27	+2	12	+1	48	0	dr	—	158
SÎWA	01	8	00	0	1	4	As	26.0	+6.4	12.0	20	0	4	−2	65	0	1	3	148
BAHARÎYA	00	9	32	1	0	0	—	25.0	—	11.9	22	—	8	—	90	0	0	—	149
KHÂRGA	00	8	00	0	0	0	—	21.5	+2.6	15.2	25	+1	11	+4	56	0	0	tr	151
DÂKHLA	00	7	30	1	0	0	—	23.1	+2.9	10.0	26	+3	8	+1	66	0	0	—	152
TÔR	00	6	32	2	0	0	—	22.6	+4.9	14.9	23	+1	11	+1	64	0	20	7	145
HURGHÂDA	00	7	26	3	0	0	—	22.6	+5.0	17.9	—	—	—	—	49	0	43	—	146
QUṢEIR	00	7	30	2	0	1	Ci	21.5	+4.3	21.0	24	0	17	+1	49	0	2	5	147
PORT SUDAN	00	—	32	4	0	0	—	19.4	+4.2	24.7	28	0	22	+1	70	0	51	76	169
WÂDI HALFA	01	8	32	2	0	2	Ac	19.9	+0.9	14.1	28	+3	8	−1	48	—	—	—	165
KAREIMA	00	8	04	4	0	1	Ci	16.0	−0.6	21.3	32	+2	19	+6	36	0	dr	1	166
'ATBARA	12	8	04	3	0	0	—	15.6	+0.8	24.0	34	+3	19	+4	56	0	1	1	167
KHARTÛM	00	8	32	3	0	0	—	13.1	−0.8	24.0	36	+3	20	+4	61	0	24	5	168
KASSALA	00	8	02	1	0	0	—	11.0	−1.4	25.2	36	+2	22	+5	55	0	7	11	170
WAD MEDANI	00	—	04	5	0	0	—	12.0	−1.1	23.5	36	+2	20	+4	57	0	44	13	171
DUEIM	00	8	03	4	0	0	—	12.6	−0.7	23.8	—	—	21	+6	57	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	30	1	0	0	—	10.6	−1.0	24.3	39	+3	16	0	42	0	72	37	172
EL OBEID	00	8	30	3	0	0	—	13.3	−2.1	21.1	33	+2	18	+6	58	0	20	19	174
EL FASHER	00	8	00	0	0	0	—	—	—	16.7	31	0	13	+3	61	0	4	8	175
GENEINA	00	8	06	4	0	1	Ac	—	—	17.2	34	—	14	—	53	0	19	—	179
KADUGLI																		—	187
MALAKÂL	00	8	04	4	1	0	—	7.9	−3.4	27.0	38	+2	22	+5	32	0	75	93	176
WAU	00	—	28	2	0	0	—	8.5	−2.6	24.7	37	+2	20	+2	46	0	106	146	177
JUBA	01	8	22	1	1	4	Ac,Cc	8.3	−2.8	26.5	39	+3	21	+1	51	0	214	137	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 7 h.	MATRÛH 7 h.	DIKHEILA	P.SAID 8 h.	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 3 h.	JUBA 7 h.	Geneina 7 h.
02.14.10	02.13.35		05.08.20	02.07.75	02.31.05	02.02.20	03.03.20	06.05.65	06.04.40	06.03.10	07.01.40	06.01.75	06.11.15	10.04.35
05.16.—	05.13.40		10.06.15	05.08.35	05.05.45	05.04.45	06.06.40	10.05.55	10.05.55	10.01.05	10.04.70	10.02.65	10.08.15	15.07.75
10.18.20			15.02.30	08.02.35	10.01.30	10.03.55	10.05.50	15.05.90	15.04.55	15.31.00	15.05.45	15.04.50	15.16.25	20.07.70
14.21.40			20.01.50	10.03.25	15.02.60	15.03.50	15.06.45	20.03.25	20.05.55	20.21.05	20.05.25	20.05.40	20.17.35	30.11.20
15.24.25			25.33.55	15.04.50			20.05.50		25.04.30	26.35.05			30.16.35	34.17.30
20.25.35			29.33.70	20.01.50			27.05.35		30.03.20				40.18.30	
25.27.40				22.36.40					40.25.15				50.17.25	
30.27.55													58.17.25	
35.26.60														
40.27.65														

Forecast for 24 hours from noon on 17th

On the coast moderate winds chiefly southerly. Inland moderate northeast winds, fresh at times.
Some high and medium cloud.
Remaining mild by day.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٧

رياح ستكون جنوبية في الغالب على الساحل وتهب رياح
معتدلة شمالية شرقية في الداخل تشتد بعض الأوقات
يظهر بعض السحب العالي والمتوسط ويستمر الجو معتدلا بالنهار

Mean of day

STATION	Humidity % on 16th	Humidity Diff. from normal	Wet bulb temp. °C on 16th	Wet bulb Diff. from normal
Alexandria	67	+2	14.6	+2.2
Ezbekiya	67	−5	12.1	+0.3
Gîza	77	0	11.5	−0.3
Helwân	57	−3	12.1	+1.6

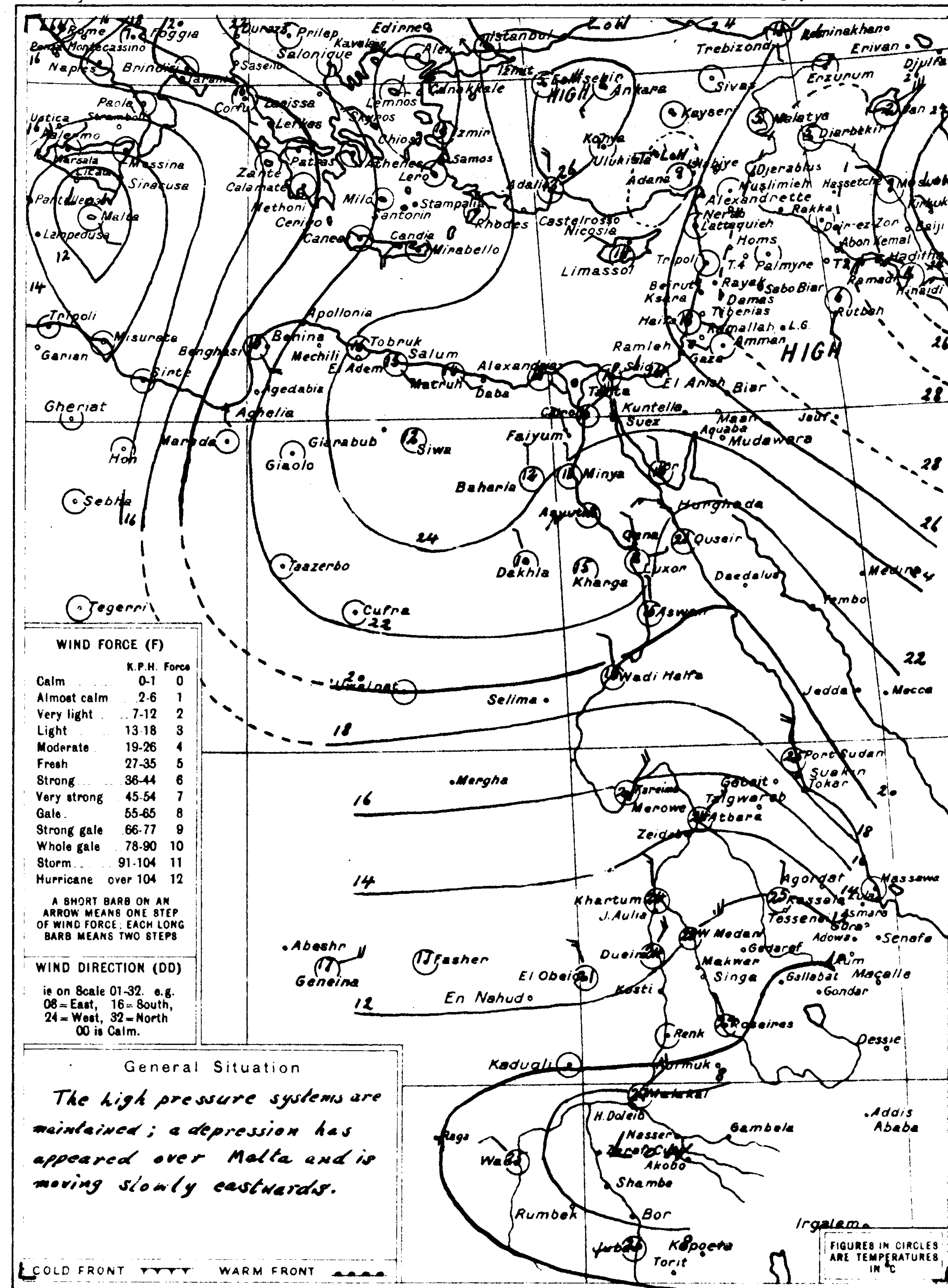
Gîza Grass minimum on 17th 3.9 °C

Discharges at Aswân measured by sluices m³ per sec

DATE	1939	1938
17-12	1274	1158
16-12	1274	1158

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16-12	13.35	−0.12	13.35	−0.13
Nâsser	16-12	8.14	−0.75	8.30	−0.66
Malakâl	17-12	12.01	−0.05	12.04	−0.03
Roseires	17-12	13.20	+0.36	13.22	+0.35
Sennâr Res.	16-12	20.70	—	20.70	—
J. Aulia U.S.	16-12	375.65	—	375.67	—
J. Aulia D.S.	16-12	372.09	−0.20	372.11	−0.19
Khartûm	16-12	11.42	−0.20	11.43	−0.21
Kh. el Girba	—	—	—	—	—
'Atbara	16-12	10.93	−0.11	10.94	−0.12
Kajnarti	16-12	134.20	−0.37	134.20	−0.38
Aswân Res.	17-12	120.55	—	120.50	—
Aswân D.S.	17-12	86.27	+0.08	86.30	+0.11
Rôda (Cairo)	17-12	16.[illegible]	+0.18	16.11	+0.13

Isobars, Wind and Temperature at 8 h. 17-12-39



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)

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

General Situation

The high pressure systems are maintained; a depression has appeared over Malta and is moving slowly eastwards.

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 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)	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	28	2	1	7	—	25.2	+7.7	14	—	—	—	—	—	0	44	147
Haifa	01	—	10	2	—	3	—	26.2	+9.8	13.4	21	+1	11	+1	87	0	48	211

SHIPS سفن

Remarks

J. Aulia D.S. River Gauge Reading for 9-12-39 published on 10 & 11-12-39 should read 372.09 instead of 372.00 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

CAIRO

Time of Sunrise h. m. 06 45

" " Sunset h. m. 16 50

Month *DECEMBER* 1939 ١٩٣٩ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on *17th* الساعة ١٤ يوم ١٧ — At 8 h. on *MONDAY 18th* الساعة ٨ يوم الاثنين 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 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	03	7	12	2	2	6	Ac.	23.0	20.9	53	03	7	18	3	2	8	Ac.	22.6	+4.8	15.7	21	—	14	—	67	0	30	—	130
	MATRÛH	03	6	20	4	2	7	Cu.	23.4	20.1	64	03	6	08	1	2	8	As.	—	—	14.9	21	+2	14	+4	90	0	37	57	131
	DIKHEILA	03	8	06	2	2	7	As.	24.6	20.1	64	03	7	12	3	2	8	Ac.	24.4	—	14.0	22	—	14	—	90	0	15	—	150
	ALEXANDRIA	03	9	12	1	2	7	Ac.	24.7	20.4	57	03	9	12	3	2	8	As.	24.0	+5.2	15.0	22	+2	14	+2	83	0	8	71	132
	DAMIETTA											40	2	00	0	4	8	As.	24.2	—	13.8	22	—	12	—	99	0	19	33	159
	PORT SAÎD	01	6	04	2	1	3	Cc.	23.8	19.4	69	07?	6	12	2	1	7	Cu.	24.0	+6.5	15.0	23	+3	14	+2	86	0	13	24	134
	EL 'ARÎSH	01	9	32	2	1	4	Cb.	24.4	19.5	68	03	8	00	0	2	8	Cb.	24.4	—	13.2	22	—	11	—	97	0	31	25	135
LOWER EGYPT	DAMANHÛR											03	7	10	3	2	8	As.	24.4	+6.0	13.2	22	0	12	+3	96	0	tr.	29	136
	MANṢÛRA											02	4	12	2	2	5	Sc.	24.4	—	13.5	23	+1	11	+2	89	0	11	13	137
	TANTA	03	7	00	0	2	6	Sc.	24.0	19.5	72	03	6	00	0	2	8	Sc.	24.4	+5.7	12.3	20?	−1	10	+1	97	0	1	11	138
	ZAGÂZÎG	01	4	02	1	0	4	Cc.	23.8	19.9	70	03	7	10	2	2	8	Sc.	24.3	—	13.8	20?	−2	10	+2	90	0	dr.	9	139
MIDDLE EGYPT	CAIRO ALMÂZA	03	8	05	5	2	7	Cs.	23.1	21.3	44	03	8	00	0	2	8	As.	23.0	—	15.4	23	—	11	—	51	0	4	—	141
	CAIRO EZBEKÎYA	03	7	30	3	2	8	As.	23.1	21.7	45	03	6	28	1	2	8	Ac.	23.6	+4.6	13.5	24	+3	11	+2	74	0	1	7	—
	CAIRO GÎZA	03	7	30	3	2	8	As.	23.4	22.0	45	05	5	30	2	2	8	Ac.	23.2	+3.5	11.7	24	+4	9	+1	84	0	1	8	—
	HELWÂN	03	8	04	5	1	7	As.	22.4	23.0	27	05	5	06	1	2	8	Ac.	23.0	+4.4	16.4	24	+4	12	+3	37	0	7	7	143
	SUEZ	03	7	32	1	2	6	Sc.	23.1	20.7	56	03	7	28	1	2	7	Sc.	23.9	+4.9	13.4	23	+2	11	0	81	0	44	8	144
UPPER EGYPT	FAIYÛM	03	9	06	2	1	6	Cs.	22.4	24.7	34	03	8	14	1	2	8	Sc.	23.8	+4.6	13.0	26	+4	10	+2	77	0	7	2	153
	MINYA	01	7	30	2	1	4	Cs.	20.8	25.3	40	08	4	00	0	2	8	As.	22.4	+2.9	11.0	25	+5	10	+2	87	0	tr.	—	154
	ASYÛT	02	7	22	3	1	4	Cs.	20.3	25.5	—	02	6	26	3	1	5	Cs.	22.0	+1.8	12.7	26	+5	11	+4	75	0	3	3	155
	QENA	00	8	22	1	1	0	—	19.4	26.0	39	02	7	30	1	2	5	Ci.Cu.	22.0	+3.2	12.4	28	+4	10	+1	65	0	1	—	156
	LUXOR	00	9	02	2	0	0	—	—	26.8	35	02	9	02	1	1	4	As.	22.4	—	12.2	28	—	7	—	74	0	9	—	157
	ASWÂN	00	7	32	4	0	0	—	17.2	27.6	29	00	7	00	0	0	0	—	21.9	+3.2	16.4	29	+4	13	+2	56	0	dr.	—	158
WESTERN DESERT	SÎWA	03	8	00	0	2	6	Sc.	23.6	22.0	50	02	7	00	0	1	4	Ac.	22.4	+2.8	11.2	22	+2	7	+2	72	0	1	3	148
	BAHARÎYA	01	9	08	1	1	4	Ci.	22.6	24.1	32	02	9	02	1	2	5	Sc.	22.6	—	9.5	26	—	8	—	86	0	0	—	149
	KHÂRGA	00	8	04	1	0	0	—	17.6	24.0	33	00	8	00	0	0	0	—	—	—	16.2?	25	+1	12	+5	52	0	0	tr.	151
	DÂKHLA	01	8	00	0	1	3	Ci.	21.0	26.5	49	02	6	00	0	2	5	As.	22.7	+2.5	10.5	29	+6	10	+3	69	0	0	—	152
RED SEA	TÔR	01	7	28	3	0	3	Ci.	20.6	23.2	73	01	5	32	1	0	4	Ac.	21.2	+3.4	15.8	24	+2	13	+3	69	0	20	7	145
	HURGHÂDA	00	9	32	3	0	0	—	20.0	23.5	55	13	8	28	3	2	8	Sc.	22.0	+4.3	18.7	24	+1	15	+3	50	0	43	—	146
	QUṢEIR	00	7	32	3	0	0	—	20.6	23.7	60	02	7	30	3	1	4	Ac.	21.8	+4.5	22.8	24	0	17	+1	40	0	2	5	147
	PORT SUDAN	01	—	04	4	0	3	—	17	28	75	00	—	30	3	1	0	—	17.4	+2.1	25.5	29	+1	21	0	71	0	51	77	169
NORTH SUDAN	WÂDI HALFA	00	8	32	4	0	0	—	16.9	29	21	00	8	32	2	0	0	—	19.3	+0.3	16.2	30	+5	12	+3	60	—	—	—	165
	KAREIMA	18	5	06	4	0	2	—	12.9	32	25	00	8	04	2	0	0	—	18.0	+1.3	21.0	33	+3	17	+4	36	0	dr.	1	166
	'ATBARA	06	8	06	3	3	7	—	11	34	25	00	8	32	3	0	0	—	15.5	+0.8	23	34	+3	19	+4	—	0	1	1	167
	KHARTÛM	00	7	02	3	0	0	—	8.4	35	30	00	7	30	3	0	0	—	14.3	+0.3	23.5	36	+3	20	+4	60	0	24	5	168
	KASSALA	00	8	04	2	0	0	—	6.7	34	24	00	8	02	2	0	0	—	11.2	−1.2	24.6	35	+1	19	+2	49	0	7	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	02	3	0	3	—	7	35	25	00	—	02	4	0	0	—	12.7	−0.4	22.5	36	+2	14	−2	63	0	44	13	171
	DUEIM	00	—	04	4	0	0	—	8	34	35	00	8	03	4	0	0	—	13.1	−0.2	23.8	—	—	20	+5	61	0	17	12	173
	RENK	00	7	30	2	0	0	—	5.1	36	27									—			—		—				—	182
	ROSEIRES	01	—	14	1	0	3	—	6	38	35																		37	172
	EL OBEID	00	8	32	3	0	0	—	8.1	31	34	00	8	32	2	0	0	—	13.2	−2.3	21.1	32	+1	17	+5	50	0	20	19	174
	EL FÂSHER	00	8	12	3	0	0	—	—	32	10	00	8	00	0	0	0	—	—	—	15.0	33	+2	9	−1	40	0	4	8	175
	GENEINA	00	8	04	4	0	0	—	—	32	17	00	8	04	3	0	0	—	—	—	17.2	35	—	15	—	28	0	19	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL	00	7	08	4	0	0	—	3.9	37	17	02	8	04	3	1	5	Ac.	8.8	−2.5	25.1	37	+1	20	+3	39	0	75	93	176
	WÂU	02	—	04	3	0	4	—	4	37	25	00	—	32	2	0	0	—	10.1	−1.1	24.0	37	+2	20	+2	53	0	106	146	177
	JUBA	03	8	10	2	1	8	Cu.	2.4	38	25																		137	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.

SALÛM	MATRÛH	P.SAID	MINYA	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	FASHER	GENEINA
7 h. m.	7 h. m.	9 h. m.	9 h. m.	8 h. 30 m.	7 h. m.	7 h. m.	5 h. m.	5 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. m.	6 h. m.
02 20 10	02 12 20	02 12 15	05 11 10	02 21 05	02 07 10	05 04 30	03 03 25	06 06 55	06 03 40	06 17 15	07 03 40	06 02 50	09 34 10	10 05 45
05 24 —	05 11 15	05 10 20	10 35 05	05 09 30	05 09 35	10 05 35	06 07 35	10 06 50	10 06 50	10 18 45	10 06 65	10 05 60	10 03 15	15 07 45
10 26 15	07 10 20	10 07 20	15 32 15	08 08 25	10 06 25	15 04 35	10 08 30	15 05 45	15 03 45	15 19 20	15 04 30	15 03 45	15 06 35	20 10 45
15 29 20		15 35 10	20 30 15	10 03 10	15 04 25	20 06 45	15 10 35	20 05 55	20 04 35	20 17 10	19 04 —	20 05 25	20 08 —	30 19 10
20 26 35		20 30 30		15 31 15	20 36 25			30 06 30	30 04 25	30 15 10		25 07 20	30 12 —	32 21 25
25 26 25		25 31 40		20 33 30	30 32 25			33 07 25	34 12 10	40 10 05		30 09 10		
30 28 25		30 30 —		23 32 30	40 31 —					50 30 05		40 15 25		
31 27 25		32 30 —		25 31 30						56 24 05		47 14 25		
Ent Sc.				30 28 60										
				35 30 60										

Forecast for 24 hours from noon on *18th*

On the coast moderate southeast winds becoming northwest tomorrow. Inland light variable winds chiefly easterly.

Much medium cloud, decreasing tomorrow.

Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٨

تهب على الساحل رياح معتدلة جنوبية شرقية

تتحول الى الشمال الغربى غدا

وتهب فى الداخل رياح خفيفة مختلفة الاتجاه

اغلبها شرقية

وتنتشر السحب المتوسطة ثم تتناقص غدا

ولا تتغير درجة الحرارة الا قليلا

STATION	Mean of day Humidity % on 17th	Diff. from normal	Wet Bulb Temp °C on 17th	Diff. from normal
Alexandria	72	+7	15.0	+2.7
Ezbekiya	73	+1	13.0	+1.3
Giza	79	+2	12.4	+0.7
Helwân	59	−1	13.1	+2.7

Gîza Grass minimum on *18th* 6.3 °C

Discharges at Aswan measured by sluices m^3 per sec

DATE	1939	1938
18.12	1274	1156
17.12	1274	1158

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17.12	13.34	−0.13	13.35	−0.12
Nasser	17.12	7.96	−1.06	8.14	−0.75
Malakâl	18.12	11.97	−0.08	12.01	−0.05
Roseires	18.12	13.15	+0.34	13.20	+0.36
Sennâr Res	17.12	20.70	—	20.70	—
J. Aulia U.S	17.12	375.65	—	375.65	—
J. Aulia D.S	17.12	372.06	−0.22	372.09	−0.20
Khartûm	17.12	11.38	−0.22	11.42	−0.20
Kh. el Girba	—	—	—	—	—
'Atbara	17.12	10.92	−0.11	10.93	−0.11
Kajnarti	17.12	134.20	−0.36	134.20	−0.37
Aswân Res.	18.12	120.62	—	120.55	—
Aswân D.S.	18.12	86.26	+0.07	86.27	+0.08
Rôda (Cairo)	18.12	16.11	+0.23	16.11	+0.18

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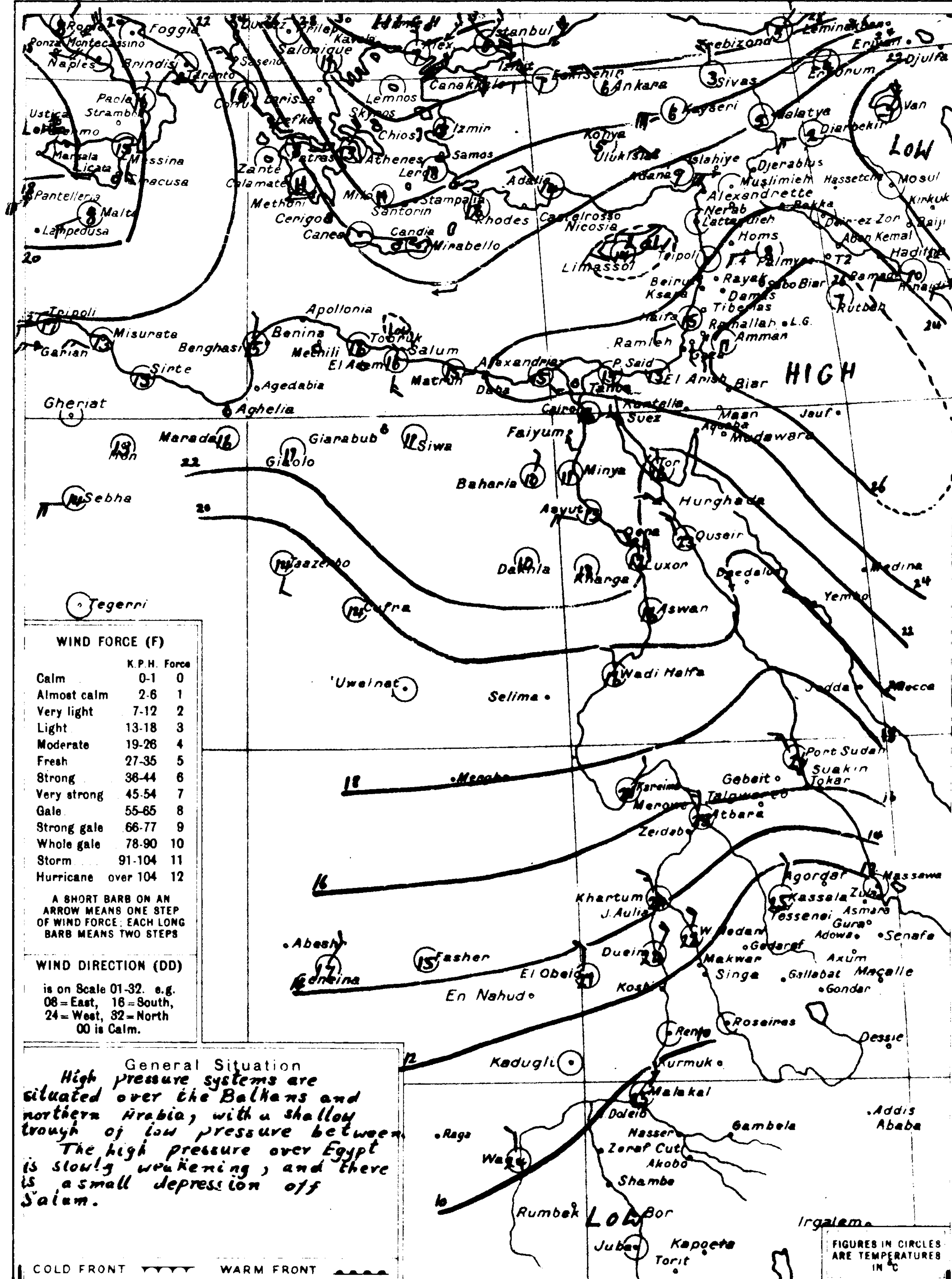
١٨-١٢-٣٩ Isobars, Wind and Temperature at 8 h. *18-12-39*



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 systems are situated over the Balkans and northern Arabia, with a shallow trough of low pressure between. The high pressure over Egypt is slowly weakening, and there is a small depression off Salum.

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	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	03	8	26	1	1	7	—	22.4	+4.9	14	—	—	—	—	—	2	101	151
Haifa	02	—	22	2	—	5	—	23.6	+7.2	14.6	21	+1	13	+3	93	4	102	217
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 45 m
" " Sunset 16 h 59 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

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)
SALÛM	03	7	30	3	2	8	As.	22.0	18.0	63
MATRUH	03	6	08	1	2	8	Cs.	21.5	19.0	75
DIKHEILA	03	8	04	3	2	8	As.	22.7	18.2	69
ALEXANDRIA	03	9	06	2	2	8	As.	22.0	18.5	67
DAMIETTA										
PORT SAID	03	6	10	2	2	7	Cu.	22.3	19.0	77
EL ARISH	03	8	00	0	2	8	Cs.	23.0	21.9	59
DAMANHUR										
MANSURA										
TANTA	03	6	00	0	2	8	Ns.	22.2	20.5	60
ZAGAZIG	02	9	10	1	1	4	Cu.	22.8	22.4	50
CAIRO: ALMAZA	03	7	06	2	2	8	As.	21.4	24.9	30
CAIRO: EZBEKIYA	03	8	28	1	2	8	As.	21.2	22.7	54
CAIRO: GIZA	05	6	30	1	2	8	As.	21.1	21.4	60
HELWAN	05	5	28	1	2	8	Ac.	21.5	21.9	45
SUEZ	03	8	00	0	2	7	Sc.	21.8	21.7	42
FAIYUM	03	9	30	2	2	8	As.	21.4	23.8	49
MINYA	02	8	32	2	2	4	Cc.	20.2	24.2	32
ASYUT	02	7	30	3	1	4	Cs.	19.5	26.2	43
QENA	02	8	22	1	1	5	Cu.	19.0	26.8	36
LUXOR	02	9	30	2	1	4	Ci.	19.2	28.5	26
ASWAN	00	7	02	2	0	0	—	18.4	29.0	22
SIWA	03	8	12	1	2	6	Ac.	21.8	21.1	67
BAHARIYA	03	9	08	1	2	7	Sc.	20.6	27.4	25
KHARGA	00	8	04	1	0	0	—	—	25.0	39
DAKHLA	00	8	00	0	0	0	—	19.6	28.0	47
TOR	01	6	28	3	2	4	Ac.	19.8	23.5	67
HURGHADA	03	8	32	4	2	8	Sc.	20.0	24.0	57
QUSEIR	02	7	32	3	1	4	Ac.	19.9	24.9	55
PORT SUDAN	02	—	02	5	0	5	—	17	29	65
WADI HALFA	00	8	32	4	0	1	Ac.	15.6	30	27
KAREIMA	00	8	08	2	0	0	—	13.5	32	25
ATBARA	12	8	04	3	0	—	—	11	35	10
KHARTUM	01	8	02	3	0	2	Ac.	9.2	36	27
KASSALA	01	8	32	1	1	3	—	6.0	37	17
WAD MEDANI	01	—	06	2	0	3	—	7	35	10
DUEIM	00	8	04	2	0	0	—	8	36	35
RENK	01	7	27	3	0	3	—	7.1	35	30
ROSEIRES	01	—	02	1	0	3	—	6	38	25
EL OBEID	00	8	02	2	0	0	—	8.2	33	27
EL FASHER	00	8	30	1	0	0	—	—	31	25
GENEINA	00	8	08	6	0	0	—	—	32	05
KADUGLI	00	7	04	4	0	0	—	5.8	37	20
MALAKAL	01	7	30	2	1	3	—	6.4	36	23
WAU	02	—	04	3	0	5	—	6	36	25
JUBA	03	7	20	1	1	7	—	5.5	36	27

At 8 h. on TUESDAY 19th — الساعة ٨ يوم الثلاثاء ١٩

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C (TTT)	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
SALÛM											—		—					—	130
MATRUH																		58	131
DIKHEILA	05	5	06	2	2	5	Ac.	22.4	—	17.2	18	—	13	—	87	0	15	—	150
ALEXANDRIA	02	9	08	1	2	5	Ac.	22.2	+3.4	16.8	19	−1	14	+2	87	0	8	73	132
DAMIETTA	49	2	00	0	4	5	Ac.	22.2	—	15.0	20		13		100	0	19	33	159
PORT SAID	02	6	10	2	1	5	Ac.	21.5	+4.0	16.2	20	0	15	+3	77	0	13	25	134
EL ARISH	21	8	00	0	2	5	Cs.	21.9	—	14.1	22	—	12	—	84	dr.	31	26	135
DAMANHUR	02	6	32	3	2	4	Ac.	22.4	+4.0	14.2	19	−3	13	+4	98	0	tr.	30	136
MANSURA	08	4	04	1	1	4	Sc.	21.6	—	15.1	21	−1	13	+4	87	0	11	13	137
TANTA	02	6	00	0	1	5	Cu.	21.6	+2.9	14.0	21	0	12	+3	95	0	1	11	138
ZAGAZIG	03	7	02	1	2	7	Cu.	21.6	—	14.4	22	0	11	+3	94	0	dr.	9	139
CAIRO: ALMAZA	03	8	00	0	2	6	Ac.	21.2	—	16.8	26		14		77	0	4	—	141
CAIRO: EZBEKIYA	08	4	32	1	2	6	Ac.	21.1	+2.1	14.9	23	+3	13	+4	76	dr.	1	7	—
CAIRO: GIZA	05	6	24	1	2	7	Ac.	21.2	+1.5	13.2	22	+2	11	+4	86	dr.	1	8	—
HELWAN	08	4	00	0	2	7	Sc.	21.2	+2.6	16.9	22	+2	15	+6	44	0	7	7	143
SUEZ	03	7	00	0	2	6	Sc.	21.0	+2.0	15.1	22	+1	13	+2	68	0	44	8	144
FAIYUM	09	6	14	2	2	7	As.	21.5	+2.3	15.4	26	+4	13	+5	75	0	7	2	153
MINYA	21	4	00	0	5	8	As.	21.1	+1.5	15.4	25	+5	11	+3	79	dr.	tr.		154
ASYUT	02	6	28	2	1	5	Cs.	20.6	+0.3	15.9	28	+7	12	+5	68	0	3	3	155
QENA	03	7	30	1	2	7	Cu.	20.3	+1.4	15.5	30	+6	12	+3	69	0	1	—	156
LUXOR	01	9	10	1	1	4	Ci.	21.0	—	13.0	30	—	9	—	64	0	9	—	157
ASWAN	00	7	00	0	0	0	—	20.3	+1.5	16.3	30	+5	13	+2	43	0	dr.	—	158
SIWA	01	8	00	0	1	4	Cc.	23.2	+3.5	13.1	22	+2	7	+2	75	0	1	3	148
BAHARIYA	02	9	32	1	2	5	Ac.	20.8	—	—	29	—	10	—	—	0	0		149
KHARGA																		tr.	151
DAKHLA	00	7	28	1	0	0	—	21.5	+1.3	9.5	31	+8	9	+2	67	0	0	—	152
TOR	03	5	32	2	0	7	Sc.	19.6	+1.8	18.5	24	+2	15	+5	42	0	20	7	145
HURGHADA	13	8	28	2	2	8	Sc.	19.9	+2.2	19.3	24	+1	14	+2	45	0	43	—	146
QUSEIR	01	7	26	2	1	4	Sc.	19.6	+2.3	22.6	26	+2	18	+2	48	0	2	5	147
PORT SUDAN	01	—	28	4	0	3	—	19.2	+3.9	25.5	29	+1	21	0	67	0	51	78	169
WADI HALFA	00	7	32	2	0	0	—	19.6	+0.5	15.7	30	+5	11	+2	42	—	—		165
KAREIMA	00	8	32	2	0	0	—	17.5	+0.8	20.9	33	+3	17	+4	36	0	dr.	1	166
ATBARA	00	8	06	3	0	0	—	15.6	+0.8	24.0	35	+4	19	+4	59	0	1	1	167
KHARTUM	01	8	30	3	0	3	Ci.	14.7	+0.7	23.0	36	+3	21	+5	60	0	24	5	168
KASSALA	01	8	02	1	0	3	Ac.	13.1	+0.7	24.0	37	+3	18	+1	61	0	7	11	170
WAD MEDANI	00	—	02	4	0	0	—	13.5	+0.3	22.9	37	+3	16	0	56	0	44	13	171
DUEIM	01	8	04	3	0	4	Ci.	14.6	+1.2	24.2	36	+2	20	+5	56	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	18	1	0	0	—	12.0	+0.3	23.5	39	+3	17	+1	55	0	72	37	172
EL OBEID	01	8	30	2	1	3	Ci.	14.4	−1.1	20.1	33	+2	17	+5	57	0	20	19	174
EL FASHER	00	8	00	0	0	0	—	—	—	14.0	32	+1	9	−1	48	0	4	8	175
GENEINA	00	8	04	5	0	0	—	—	—	17.0	33	—	11	—	28	0	19	—	179
KADUGLI																		—	187
MALAKAL	03	8	02	4	1	8	Cs.	11.1	−0.3	25.1	37	+1	19	+2	39	0	75	93	176
WAU	00	—	32	2	0	0	—	10.8	−0.4	22.5	37	+2	20	+2	61	0	106	146	177
JUBA	01	8	30	2	1	4	Ac.	11.7	+0.6	24.2	37	+1	20	0	78	0	214	137	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 7 h	MATRUH	P.SAID 8 h	CAIRO 6 h 30 m	HELWAN 9 h	ASYUT 7 h	ASWAN 7 h	WADI HALFA 5 h	KAREIMA 4 h	KHARTUM 5 h	KASSALA 6 h	EL OBEID 6 h	MALAKAL 6 h	JUBA 6 h	GENEINA 7 h
02 33 10		05 09 10	02 02 05	02 35 05	02 15 05	02 02 05	03 04 20	06 07 35	06 04 45	06 00 0	07 02 45	06 01 50	06 01 10	10 05 30
05 04 25		10 36 05	05 31 10	05 34 10	05 10 15	05 05 20	06 07 25	10 08 70	10 05 55	10 11 10	10 03 45	10 02 70	10 03 15	15 07 70
09 03 25		15 33 20	10 27 15	08 31 15	10 02 15	10 05 20	10 08 35	15 08 55	15 03 40	15 04 15	15 04 30	15 03 35	15 18 30	20 09 60
		20 33 25	15 30 15	10 29 10	15 33 30	15 06 15	15 08 20	20 08 45	20 01 25	20 27 10		20 03 15	20 17 30	30 35 20
		25 30 30	20 31 20	15 31 25	20 33 30	20 01 10	18 03 20		25 34 25	30 21 10		25 06 15	30 15 35	40 16 15
		30 30 30	25 31 25	17 29 40					29 31 20	40 31 05		30 04 05	40 15 25	46 16 15
		35 28 25								50 05 15		40 17 25	50 17 30	
										60 04 05		50 06 30	55 19 15	
										70 17 10		60 11 15		
												70 18 15		

Forecast for 24 hours from noon on 19th

On the coast light northeast winds, backing to north or northwest later and freshening.
Inland light variable winds chiefly northeasterly, backing later to north.
Much medium cloud, decreasing tomorrow.
Possibly light rain on the coast tomorrow.
Cooler tomorrow, but temperature remaining above normal.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٩
على السواحل رياح شمالية شرقية ثم تغير شمالية او شمالية غربية وتشتد قوتها. وفي الداخل رياح خفيفة مختلفة الاتجاه اكثرها شمالية شرقية ثم تغير شمالية فيما بعد
يكثر السحاب المتوسط الارتفاع ولكنه يتناقص باكر
يحتمل تساقط مطر على السواحل باكر
تهبط درجة الحرارة غدا ولكنها تستمر فوق المعدل

Mean of day (18th)

STATION	Humidity %	Diff. from normal	Wet bulb temp. °C	Diff. from normal
Alexandria	72	+7	14.3	+2.0
Ezbekiya	54	−18	13.8	+2.2
Giza	57	−20	13.1	+1.5
Helwan	27	−33	12.3	+2.0

Giza Grass minimum 19th 8.6

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
19.12	1274	1157
18.12	1274	1156

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal
Juba	18.12	13.25	−0.22	13.34	−0.13
Nasser	18.12	7.77	−1.19	7.96	−1.06
Malakal	19.12	11.92	−0.10	11.97	−0.08
Roseires	19.12	13.13	+0.35	13.15	+0.34
Sennar Res.	18.12	20.70	—	20.70	—
J. Aulia U.S.	18.12	375.68	—	375.65	—
J. Aulia D.S.	18.12	372.01	−0.26	372.06	−0.22
Khartum	19.12	11.28	−0.28	11.33	−0.25
Kh. el Girba	—	—	—	—	—
Atbara	19.12	10.88	−0.13	10.89	−0.13
Kajnarti	18.12	134.20	−0.35	134.20	−0.36
Aswan Res.	19.12	120.67	—	120.62	—
Aswan D.S.	19.12	86.25	+0.06	86.26	+0.07
Roda (Cairo)	19.12	16.09	+0.29	16.11	+0.23

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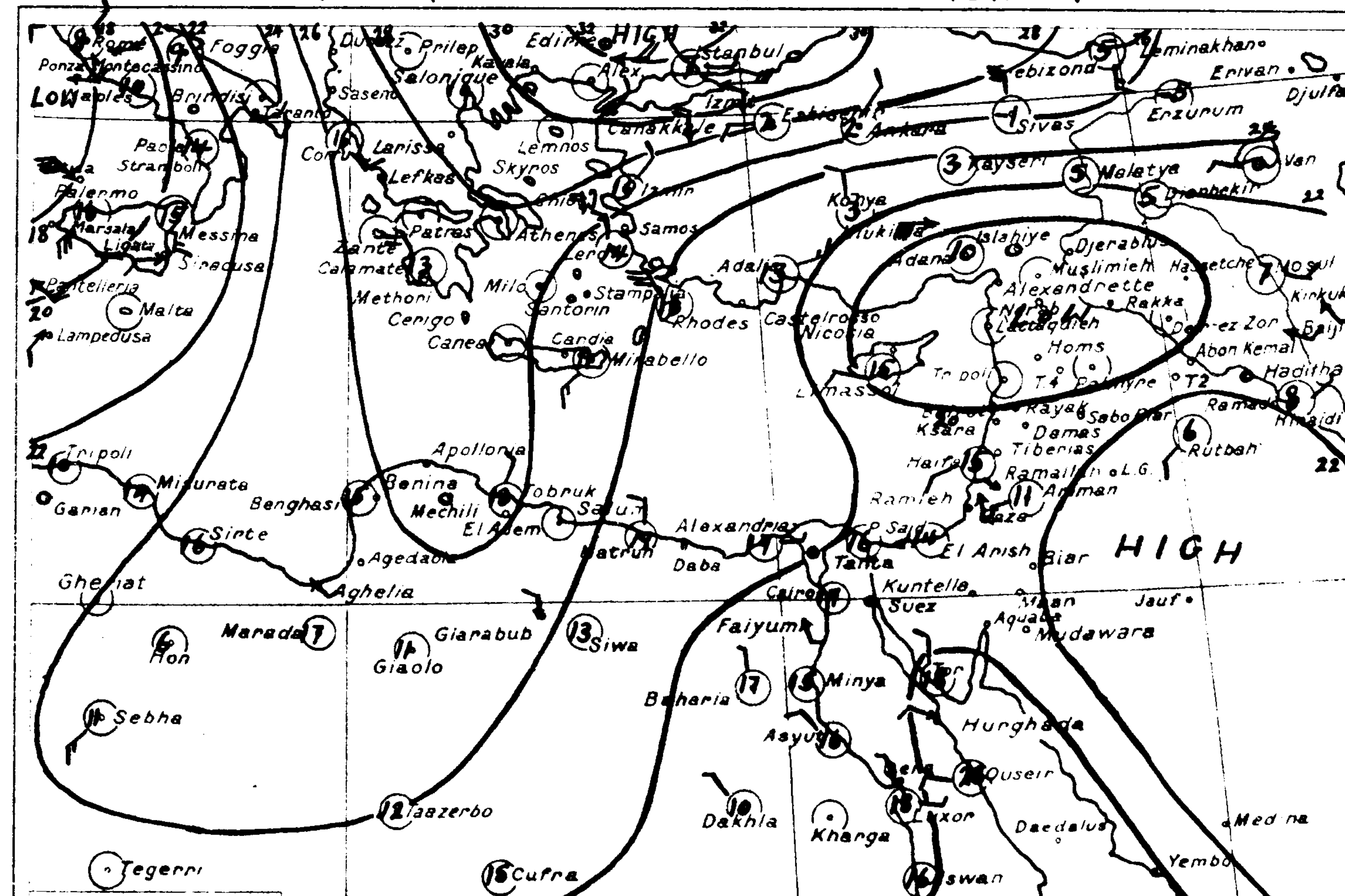
١٩-١٢-٣٩ Isobars, Wind and Temperature at 8 h. 19-12-39



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 extends from the Balkans across the central Mediterranean to Libia.
A shallow depression over Syria is deepening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

Kms 200 — SCALE 1:15,000,000 — 600 Kms

At 8 h. on 19th — ١٩ يوم

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	01	6	26	2	1	3	—	19.0	+1.5	15	—	—	—	—	—	●	101	155
Haifa	02	—	22	2	—	4	—	20.4	+4.0	15.4	19	−1	12	+2	87	17	119	224

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 06h 46m
Sunset 16h 59m

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

DAILY WEATHER REPORT

Month DECEMBER 1939 — شهر ديسمبر ١٩٣٩

At 14 h. on 19th (الساعة ١٤ يوم ١٩)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
SALUM	02	7	02	3	2	5	Cu.	23.4	18.6	76
MATRUH	02	7	02	2	1	5	Cu.	22.2	20.0	84
DIKHEILA	01	8	32	3	1	3	Cu.	22.2	20.3	68
ALEXANDRIA	01	9	02	3	2	3	Cu.	21.2	21.1	62
DAMIETTA										
PORT SAID	00	8	30	3	1	0	—	19.5	21.0	74
EL ARISH	02	9	26	1	1	4	Cb.	20.2	20.5	70
DAMANHUR										
MANSURA										
TANTA	02	7	32	3	1	4	Cu.	20.3	23.0	52
ZAGAZIG	00	9	04	1	0	0	—	20.0	23.2	47
CAIRO ALMAZA	01	8	01	3	0	3	Ac.	19.6	23.4	41
EZBEKIYA	02	7	32	3	1	4	Ac.	19.9	22.2	46
GIZA	02	7	32	3	1	4	Ac.	19.6	23.6	44
HELWAN	02	7	32	3	1	4	Ac.	19.1	23.5	27
SUEZ	01	9	32	2	0	2	Cu.	19.1	22.7	35
FAIYUM	01	9	02	2	1	3	Ci.	19.4	24.7	30
MINYA	01	7	02	1	5	3	Cs.	18.7	24.3	28
ASYUT	01	7	22	3	1	3	Cs.	18.4	25.1	37
QENA	02	8	22	2	1	4	Cu.	16.6	28.9	38
LUXOR	02	9	06	1	1	5	Ci.	17.2	30.2	32
ASWAN	00	7	32	3	0	0	—	15.2	28.3	21
SIWA	00	8	00	0	0	0	—	21.5	25.0	62
BAHARIYA	01	9	32	1	1	4	Cc.	20.7	24.4	32
KHARGA	00	8	32	1	0	0	—	—	26.7	32
DAKHLA	00	8	28	1	0	0	—	18.3	27.8	48
TOR	00	7	28	4	2	1	Cu.	17.0	24.0	59
HURGHADA	01	9	23	3	1	3	Sc.	17.2	24.6	55
QUSEIR	02	7	02	2	1	5	Ac.	17.8	24.1	64
PORT SUDAN	02	—	04	4	1	5	—	14	28	75
WADI HALFA	00	8	32	4	0	0	—	15.3	31	24
KAREIMA	00	9	04	2	0	0	—	12.9	33	23
ATBARA	00	8	04	3	0	0	—	11	35	10
KHARTUM	01	8	30	3	1	4	—	8.6	35	30
KASSALA	01	8	02	3	1	4	Ac.	7.3	35	25
WAD MEDANI	02	—	32	3	0	5	—	8	35	10
DUEIM	02	8	29	3	1	5	—	10	35	35
RENK	01	7	30	3	0	4	—	7.5	34	24
ROSEIRES	02	—	24	1	0	5	—	7	37	35
EL OBEID	02	8	32	2	1	5	—	8.1	33	27
EL FASHER	00	9	08	3	0	0	—	—	31	10
GENEINA	00	8	08	5	0	0	—	—	32	13
KADUGLI	02	7	28	6	1	5	—	6.7	36	23
MALAKAL	03	8	04	4	1	8	—	6.2	36	17
WAU	02	—	08	3	1	5	—	6	35	25
JUBA	02	8	06	1	1	5	As.	5.3	36	32

At 8 h. on WEDNESDAY 20th (الساعة ٨ يوم الاربعاء ٢٠)

STATION	ww	V	DD	F	W	N	C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	09	6	24	2	0	3	As.	23.5	+5.7	11.3	19	—	9	—	97	0	30	—	130
MATRUH	03	6	20	1	2	6	Cu.	23.6	+5.1	15.5	—	—	—	—	90	0	37	59	131
DIKHEILA	01	8	30	4	1	4	Cu.	22.6	—	18.8	20	—	17	—	62	0	15	—	150
ALEXANDRIA	02	9	32	2	2	4	Cu.	22.0	+3.2	18.0	25	+5	16	+5	62	0	8	75	132
DAMIETTA	01	8	20	2	1	3	Cu.	20.8	—	14.1	21	—	11	—	86	0	19	34	159
PORT SAID	00	7	26	2	0	0	—	20.4	+2.9	17.5	23	+3	16	+4	81	0	13	25	134
EL ARISH	02	8	18	1	6	4	Cb.	21.5	—	14.7	24	—	13	—	90	3	34	26	135
DAMANHUR	00	7	20	2	0	0	—	21.1	+2.7	11.8	23	+1	11	+2	91	0	tr.	30	136
MANSURA	00	8	28	2	0	0	—	21.5	—	12.9	24	+2	12	+3	89	0	11	14	137
TANTA	00	7	00	0	0	0	—	22.6	+3.8	11.6	23	+2	9	0	97	0	1	12	138
ZAGAZIG	00	7	20	1	4	0	—	22.7	—	11.9	23	+1	8	0	97	0	dr.	9	139
CAIRO ALMAZA	05	6	00	0	0	0	—	22.2	—	14.2	23	—	10	—	79	0	4	—	141
EZBEKIYA	08	4	00	0	4	0	—	22.6	+3.6	12.9	24	+4	11	+3	93	0	1	7	—
GIZA	40	3	16	1	4	0	—	22.7	+3.0	10.0	24	+4	8	+1	94	0	1	8	—
HELWAN	09	5	00	0	0	0	—	22.4	+3.8	12.6	24	+5	11	+2	93	0	1	7	143
SUEZ	01	7	04	1	1	4	Cu.	21.5	+2.5	13.9	24	+3	12	+1	87	0	44	8	144
FAIYUM	00	9	02	2	0	0	—	23.1	+3.8	14.7	26	+4	11	+3	82	0	7	2	153
MINYA	04	2	02	1	4	6	Cs.	22.7	+3.1	12.0	25	+5	11	+3	95	dr.	tr.	—	154
ASYUT	00	6	22	3	0	0	—	21.8	+1.5	13.1	26	+5	9	+2	82	0	3	3	155
QENA	00	6	26	1	0	0	—	20.2	+1.3	12.8	31	+7	10	+2	68	0	1	—	156
LUXOR	00	9	12	1	0	0	—	20.6	—	12.5	31	—	9	—	69	0	9	—	157
ASWAN	00	7	00	0	0	0	—	19.5	+0.7	19.2	29	+4	15	+4	45	0	dr.	—	158
SIWA	02	8	00	0	1	4	Cc.	23.9	+4.2	10.8	25	+5	7	+2	83	0	1	3	148
BAHARIYA	01	9	32	1	1	4	Cs.	23.8	—	11.9	25	—	9	—	97	0	0	—	149
KHARGA	00	8	08	1	0	0	—	—	—	17.5	28	+4	12	+5	48	0	0	tr.	151
DAKHLA	00	7	30	1	0	0	—	22.0	+1.8	13.0	29	+6	10	+4	75	0	0	—	152
TOR	00	6	32	4	0	0	—	19.4	+1.5	19.8	24	+2	14	+4	47	0	20	7	145
HURGHADA	00	9	26	4	0	0	—	19.6	+1.9	18.1	25	+2	15	+4	67	0	43	—	146
QUSEIR	00	7	32	3	0	0	—	19.2	+1.8	22.0	26	+2	17	+1	51	0	2	5	147
PORT SUDAN	01	—	30	4	1	4	—	17.9	+2.6	25.5	29	+1	21	0	64	0	51	79	169
WADI HALFA	00	7	32	2	0	1	Ac.	19.6	+0.5	14.8	32	+7	11	+2	50	—	—	—	165
KAREIMA	00	8	02	3	0	0	—	17.7	+1.0	20.3	34	+4	17	+4	27	0	dr.	1	166
ATBARA	00	8	04	2	0	0	—	16.0	+1.2	23.0	35	+4	18	+3	58	0	1	1	167
KHARTUM	01	8	30	3	1	3	Ci.	14.5	+0.5	22.7	35	+2	20	+4	46	0	24	5	168
KASSALA	01	7	00	0	1	4	Cs.	12.8	+0.3	23.8	36	+2	19	+2	68	0	7	11	170
WAD MEDANI	01	—	04	4	0	4	—	13.5	+0.3	23.8	36	+2	20	+4	52	0	44	13	171
DUEIM	01	8	03	4	2	4	Sc.	14.6	+1.4	23.6	35	+1	22	+7	50	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	10	1	0	0	—	12.2	+0.5	23.8	39	+3	17	+1	45	0	72	37	172
EL OBEID	02	8	30	2	1	5	Ac.	13.9	−1.7	20.5	33	+2	17	+5	43	0	20	19	174
EL FASHER	00	9	02	1	0	0	—	—	—	14.7	33	+2	10	0	40	0	4	8	175
GENEINA	00	8	04	2	0	0	—	—	—	18.3	33	—	14	—	30	0	19	—	179
KADUGLI																		—	187
MALAKAL	03	8	03	5	1	8	Ac.	10.2	−1.2	26.4	37	+1	22	+5	31	0	75	93	176
WAU	01	—	32	1	0	4	—	10.5	−0.7	23.8	36	+1	19	+1	51	0	106	146	177
JUBA	01	7	00	0	1	3	Ac.	9.9	−1.2	26.8	37	+1	21	+1	51	0	214	138	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 7h	MATRUH 7h	DIKHEILA	CAIRO	HELWAN 9h	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 5h	KHARTUM 4h	KASSALA 7h	EL OBEID 5h	MALAKAL 3h	JUBA 7h	FASHER 6h
02 26 05	05 35 10			02 33 05	02 29 25	02 35 10	03 04 15	06 05 55	06 05 40	06 09 15	07 02 40	06 01 50	06 18 10	09 01 15
05 — —	10 01 10			05 35 25	05 01 35	05 01 25	06 05 40	10 05 55	10 03 30	10 04 25	10 02 40	10 03 35	10 13 30	10 04 30
10 35 15				08 35 25	10 02 50	10 02 35	10 04 35	15 07 50	16 01 30	15 36 20	15 05 45	15 03 25	15 13 35	15 08 40
15 35 25				10 34 20	15 36 45	15 35 30	15 02 35	20 07 35	20 33 20	20 26 05	20 05 30	20 04 20	20 13 45	20 08 70
20 32 40				15 34 25	20 01 35	20 35 50	20 36 40		30 31 15	30 27 20	25 19 30	25 08 20	30 15 25	30 32 35
25 34 30				20 35 35			30 33 60			40 31 10		30 09 10	40 18 15	40 29 15
30 31 30				23 34 40			36 31 75			50 35 20		31 05 05	50 18 10	50 28 15
35 32 25										60 31 15				56 27 10
40 33 35										70 27 40				
										72 27 45				

Forecast for 24 hours from noon on 20th

Moderate winds chiefly between northwest and northeast.
Some low cloud.
Possibility of further light rain on the coast.
Slightly cooler.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٠
رياح معتدلة تهب فى الغالب ما بين الشمال الغربى
والشمال الشرقى
يظهر بعض السحاب المنخفض ويحتمل ان تمطر
خفيفا مرة اخرى على الساحل
ويبرد الطقس قليلا

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp. °C on 19th	Diff. from normal
Alexandria	72	+7	15.7	+3.5
Ezbekiya	67	−5	14.2	+2.7
Giza	75	−2	13.8	+2.4
Helwan	45	−15	12.9	+2.7

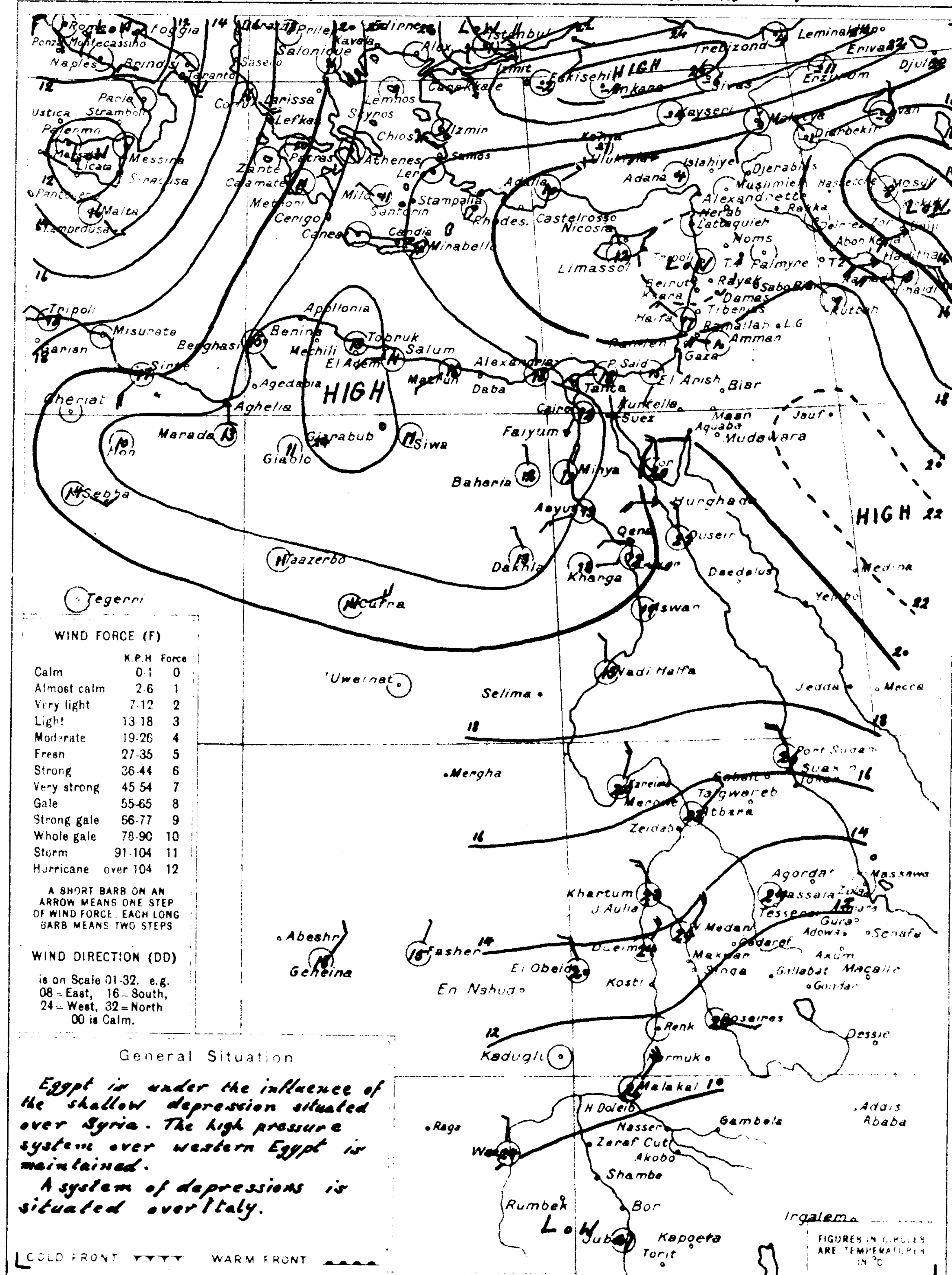
Giza Grass minimum on 20th 4.9 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
19.12	1274	1157
18.12	1274	1156

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	19.12	13.00	−0.47	13.25	−0.22
Nasser	19.12	7.56	−1.27	7.77	−1.19
Malakal	19.12	11.92	−0.10	11.97	−0.08
Roseires	20.12	13.09	+0.34	13.13	+0.35
Sennar Res	19.12	20.72	—	20.70	—
J. Aulia U S	19.12	375.67	—	375.68	—
J. Aulia D S	19.12	372.00	−0.27	372.01	−0.26
Khartum	20.12	11.26	−0.27	11.28	−0.28
Kh. el Girba	—	—	—	—	—
Atbara	20.12	10.86	−0.13	10.88	−0.13
Kajnarti	19.12	134.21	−0.32	134.20	−0.35
Aswan Res	19.12	120.67	—	120.62	—
Aswan D S	19.12	86.25	+0.06	86.26	+0.07
Roda (Cairo)	20.12	15.95	+0.28	16.09	+0.27

Isobars, Wind and Temperature at 8 h. 20-12-39 (٢٠-١٢-٢٩)



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

Egypt is under the influence of the shallow depression situated over Syria. The high pressure system over western Egypt is maintained.
A system of depressions is situated over Italy.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 20th (الساعة ٨)

STATION	ww	V	DD	F	W	N	C	Bar. M.S.L. 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	00	6	30	2	0	0	—	12.6	+2.1	12	—	—	—	—	—	0	101	158
Haifa	01	—	22	2	—	3	—	18.7	+2.3	17.0	19	−1	11	+2	50	13	132	230
Matruh 14h	01	8	28	1	1	4	Cu	23.4	+4.9	19.8	20	+1	13	+3	80	0	37	58
Kharga	00	8	00	0	0	0	—	—	—	16.3	27	+3	12	+5	47	0	0	Gr.

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
Distant Duststorm	12
Squalls	15
Slight Duststorm	18
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-99
Thunderstorm	91-99

PAST WEATHER (W)

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 06h 46m
" " Sunset 17h 00m

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	14h on 20th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on THURSDAY 21st ww	V	DD	F	W	N	C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	03	7	16	3	2	6	Ac	20.6	20.5	46	02	7	20	6	1	4	Cu	16.8	-1.0	13.5	21	—	11	—	80	0	30	—	130
MATRUH	02	7	28	2	1	4	Cs	21.4	—	—	02	8	00	0	1	4	Cu	17.5	-1.1	16.2	20	+1	14	+5	86	0	37	61	131
DIKHEILA	01	8	28	4	1	4	Cu	21.0	19.0	64	01	8	18	3	1	3	Ac	19.9	—	14.0	20	—	13	—	76	0	15	—	150
ALEXANDRIA	02	9	28	4	2	5	Cu	20.0	20.3	54	00	9	16	2	0	0	—	19.0	+0.2	15.2	22	+2	14	+3	76	0	8	76	132
DAMIETTA											01	8	20	1	1	2	Ac	18.8	—	13.2	20	—	12	—	90	0	19	35	159
PORT SAID	00	6	28	4	1	0	—	18.4	21.3	55	01	6	18	4	1	3	Ac	18.8	+1.3	13.4	23	+3	13	+1	89	0	13	26	134
EL ARISH	02	8	30	2	1	4	Cb	18.6	19.2	66	01	9	00	0	0	3	Cu	19.4	—	14.5	21	—	11	—	80	dr.	34	27	135
LOWER EGYPT																													
DAMANHUR											00	7	20	2	0	0	—	18.3	-0.2	12.9	22	0	12	+3	89	0	tr.	31	136
MANSURA											01	8	28	1	1	3	Sc	19.2	—	11.5	22	+1	10	+1	92	0	11	14	137
TANTA	00	7	04	2	0	0	—	20.8	22.0	55	00	7	20	1	0	0	—	19.8	+1.0	13.4	22	+1	10	+2	87	0	1	12	138
ZAGAZIG	02	9	22	1	1	4	Cu	19.9	22.4	54	00	7	20	1	0	0	—	20.2	—	11.9	23	+1	8	+1	97	0	dr.	9	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	28	3	1	4	Cu	19.8	20.6	53	00	7	00	0	0	1	Ac	20.0	—	14.4	21	—	10	—	73	0	4	—	141
CAIRO EZBEKIYA	02	8	30	2	1	4	Cu	19.6	21.0	49	05	5	16	1	4	3	Sc	19.9	+0.9	13.1	22	+2	11	+3	82	0	1	7	—
CAIRO GIZA	02	7	32	2	1	5	Cu	19.8	20.8	48	08	4	12	2	4	3	Cs	20.0	+0.3	11.9	21	+1	8	+1	87	0	1	9	—
HELWAN	02	8	26	2	1	5	Cc	19.6	19.6	42	05	6	10	2	0	1	Ci	19.8	+1.2	12.9	20	+1	11	+2	74	0	7	7	143
SUEZ	01	8	28	2	1	4	Cu	18.8	20.7	47	00	7	00	0	0	0	—	19.6	+0.6	12.0	23	+2	10	-1	79	0	44	8	144
UPPER EGYPT																													
FAIYUM	02	9	32	3	1	4	Cu	19.6	21.0	51	00	9	14	2	0	0	—	20.6	+1.3	12.3	21	-1	9	+1	74	0	7	3	153
MINYA	01	8	30	2	1	4	Cs	19.9	20.8	58	08	4	00	0	1	0	—	20.2	+0.5	11.5	21	+1	9	+1	80	0	tr.	—	154
ASYUT	00	7	28	4	0	0	—	18.7	22.5	34	00	6	20	3	0	0	—	20.4	0.0	13.2	23	+3	8	+1	73	0	3	3	155
QENA	02	8	22	1	1	5	Cu	17.0	23.7	48	00	6	24	1	0	0	—	19.9	+0.9	12.5	28	+4	10	+2	75	0	1	—	156
LUXOR	01	9	22	2	1	4	Ci	17.4	26.8	34	00	9	30	2	0	0	—	20.3	—	12.0	28	—	—	—	71	0	9	—	157
ASWAN	01	7	30	4	1	3	Ci	15.4	26.2	23	00	7	00	0	0	0	—	19.0	+0.1	14.5	27	+2	11	0	49	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	21.2	23.0	74	00	8	00	0	0	0	—	20.0	+0.3	9.0	24	+4	5	0	87	0	1	4	148
BAHARIYA	01	9	32	1	0	3	Ci	20.3	19.7	64	00	9	16	1	0	0	—	22.2	—	10.5	22	—	6	—	93	0	0	—	149
KHARGA	00	8	04	2	0	0	—	17.5	26.5	34	00	8	00	0	0	0	—	19.5	+0.4	13.6	27	+3	9	+2	55	0	0	tr.	151
DAKHLA	01	8	04	1	1	4	Ci	19.5	24.0	57	02	6	00	0	2	5	Sc	21.4	+1.1	9.0	25	+2	8	+2	73	0	0	—	152
RED SEA																													
TOR	00	7	28	6	0	1	Ci	16.3	21.0	66	00	6	32	3	0	0	—	18.3	+0.4	14.5	23	+1	11	+1	62	0	20	7	145
HURGHADA	00	9	32	4	0	0	—	17.0	23.2	47	00	9	26	3	0	0	—	19.1	+1.3	18.2	24	+1	14	+3	64	0	43	—	146
QUSEIR	00	7	02	3	0	1	Ci	17.6	23.3	64	01	7	28	2	0	2	Cs	18.4	+1.0	20.0	23	-1	17	+1	52	0	2	5	147
PORT SUDAN	03	—	02	5	1	7	—	13	28	65	00	—	28	4	1	0	—	16.6	+1.2	25.2	29	+1	21	0	58	0	51	80	169
NORTH SUDAN																													
WADI HALFA	01	8	01	4	0	2	—	15.2	29	21	00	7	32	2	0	1	Ci	19.2	+0.1	14.3	29	+4	10	+1	48	—	—	—	165
KAREIMA	00	8	32	3	0	0	—	13.2	32	13	00	8	02	2	0	0	—	17.7	+1.0	19.0	32	+2	16	+3	25	0	dr.	1	166
ATBARA	06	8	06	3	0	—	—	10	33	15	00	8	04	3	0	0	—	15.6	+0.8	21.8	33	+2	17	+2	47	0	1	1	167
KHARTUM	00	7	02	3	0	0	—	9.7	35	21	00	9	04	3	0	0	—	14.7	+0.6	21.0	35	+2	18	+2	36	0	24	5	168
KASSALA	01	8	30	2	1	3	—	8.1	33	33	00	8	00	0	0	0	—	12.3	-0.2	24.8	33	-1	19	+2	62	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI											00	—	04	4	0	0	—	13.0	-0.2	23.9	35	+1	17	+1	54	0	44	13	171
DUEIM	00	8	03	4	1	0	—	11	35	25	00	8	04	3	0	0	—	11.8	-1.6	22.4	35	+1	20	+5	42	0	17	12	173
RENK	01	8	28	2	1	3	—	6.8	37	36																			182
ROSEIRES	01	—	22	1	0	4	—	7	37	25	00	—	26	1	1	0	—	12.0	+0.3	23.7	39	+3	16	0	45	0	72	37	172
EL OBEID											00	8	32	2	0	0	—	14.0	-1.6	19.7	33	+2	16	+4	40	0	20	19	174
EL FASHER	00	8	06	3	0	0	—	—	32	15	00	8	02	1	0	0	—	—	—	15.6	33	+2	10	0	34	0	4	8	175
GENEINA											00	8	08	4	0	0	—	—	—	16.0	35	—	11	—	18	0	19	—	179
KADUGLI	01	8	04	5	0	2	Ac	6.6	36	31																			187
S. SUDAN																													
MALAKAL	01	8	04	3	1	3	Ac	5.1	37	21	01	8	04	4	1	3	Ac	10.0	-1.4	26.1	38	+2	22	+5	32	0	75	93	176
WAU	02	—	32	2	0	5	—	5	37	15	00	—	32	1	0	0	—	10.1	-1.1	22.2	37	+1	18	0	50	0	106	146	177
JUBA											03	8	00	0	1	7	Cs	10.5	-0.6	25.6	38	+2	22	+2	56	0	214	138	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 7h	MATRUH 7h	DIKHEILA	Minya 8h	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 5h	KHARTUM 5h	KASSALA 7h	EL OBEID 6h	MALAKAL 6h	JUBA 6h	Geneina 7h
02.27.40	02.23.50		05.02.10	02.15.10	02.28.15	02.01.10	03.03.20	06.03.55	06.02.60	06.05.10	07.03.40	06.02.70	06.26.15	10.05.35
05.24.—	05.24.80		10.02.15	05.17.10	05.02.10	05.03.20	06.03.40	10.02.45	10.01.45	10.04.40	10.04.55	10.03.65	10.16.15	15.06.40
10.27.40	10.23.25		15.36.10	08.31.05	10.02.25	10.05.20	10.01.35	15.02.30	15.35.15	15.36.30	15.05.30	15.04.35	15.12.60	20.07.40
15.26.50	15.24.50		20.29.30	10.30.15	15.02.25	15.34.15	15.36.30	20.01.25	20.32.10	20.23.05	20.06.30	20.07.15	20.11.55	30.08.20
20.25.60			25.31.40	15.34.20	20.01.20	20.34.30	20.35.50	30.01.25	25.29.10	24.21.05	23.07.25	25.16.05	30.14.45	40.18.05
25.23.45			30.31.55		25.36.40		25.35.45	33.01.15	30.28.10			30.30.05	40.14.20	46.09.15
30.25.50									39.22.10			40.34.10	50.16.15	
												45.32.10	52.15.25	

Forecast for 24 hours from noon on 21st
On the coast moderate westerly winds, freshening later.
Inland light winds between south and west increasing in strength later.
Clear at first, medium or low cloud developing tomorrow. Probably light rain on the coast later tomorrow.
Further outlook : Slightly cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢١
تهب على السواحل رياح غربية معتدلة ثم تشتد فيما بعد
وتهب في الداخل رياح خفيفة ما بين الجنوب والغرب تزداد سرعتها فيما بعد
السماء صحو أولا ثم يظهر بعض السحاب المتوسط والمنخفض باكرا ويحتمل أنه تمطر خفيفا على السواحل في نهاية الغد
وينتظر أنه يميل الطقس للبرودة فيما بعد ذلك

STATION	Mean of day: Humidity % on 20th	Diff. from normal	Wet bulb temp °C on 20th	Diff. from normal
Alexandria	59	-6	14.3	+2.2
Ezbekiya	75	+3	13.4	+2.0
Giza	87	+10	11.8	+0.4
Helwan	72	+12	12.1	+2.0

Giza Grass min. on 21st 4.5 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
21-12	1274	1158
20-12	1274	1158

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	20-12	12.40	-1.06	13.00	-0.47
Nasser	20-12	7.38	-1.40	7.56	-1.27
Malakal	21-12	11.80	-0.18	11.85	-0.14
Roseires	21-12	13.06	+0.33	13.09	+0.34
Sennar Res	20-12	20.72	—	20.72	—
J. Aulia U.S	20-12	375.67	—	375.67	—
J. Aulia D.S	20-12	371.99	-0.27	372.00	-0.27
Khartum	20-12	11.26	-0.27	11.28	-0.28
Kh. el Girba					
Atbara	20-12	10.86	-0.13	10.88	-0.13
Kajnarti	20-12	134.32	-0.28	134.21	-0.32
Aswan Res	21-12	120.78	—	120.71	—
Aswan D.S	21-12	86.25	+0.06	86.25	+0.06
Roda (Cairo)	21-12	15.77	+0.19	15.95	+0.28

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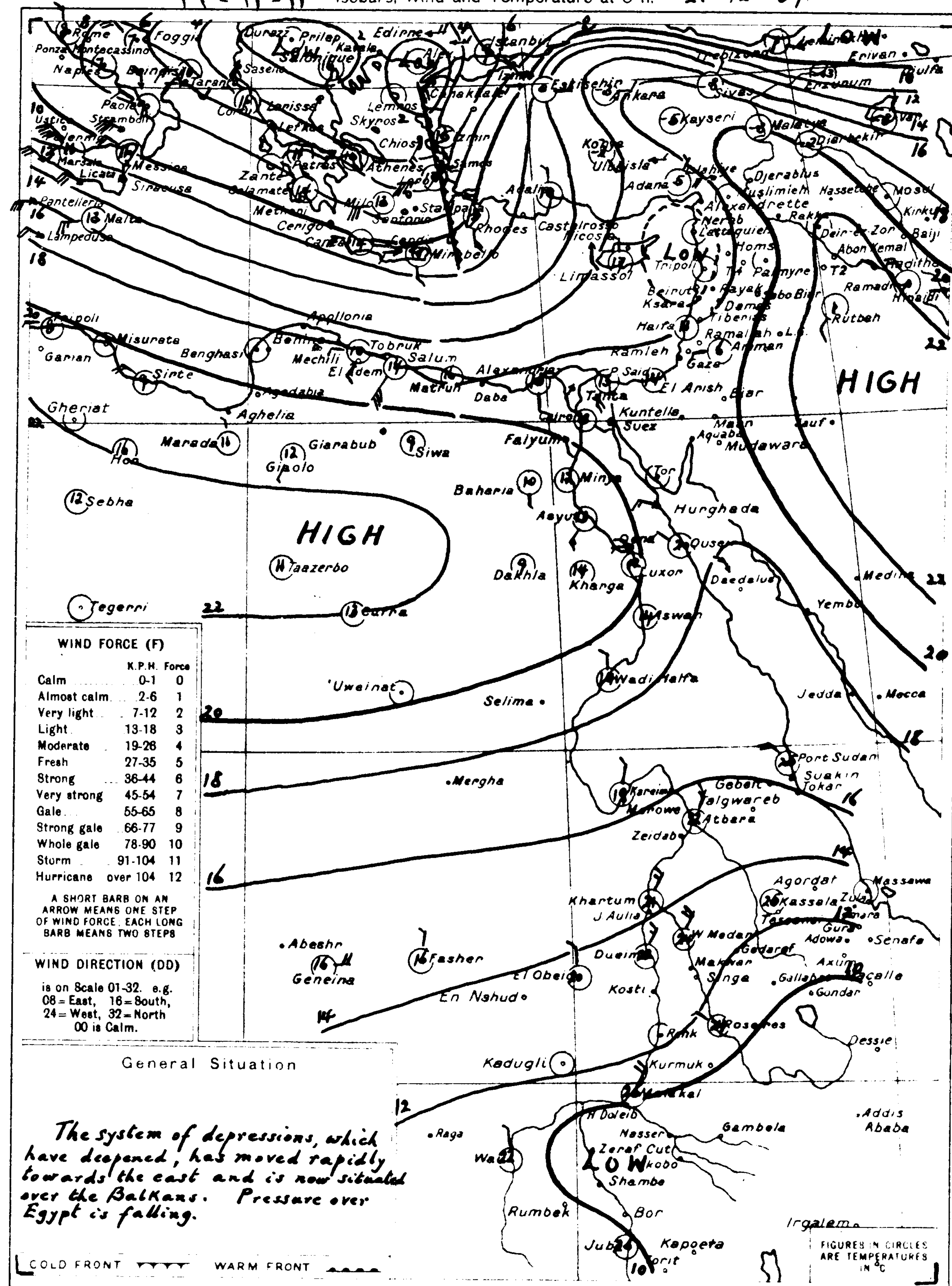
Isobars, Wind and Temperature at 8 h. 21-12-39 ٢١-١٢-٣٩



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 system of depressions, which have deepened, has moved rapidly towards the east and is now situated over the Balkans. Pressure over Egypt is falling.

STATION	At 8h on 21st ww	V	DD	F	W	N	C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	50	6	32	1	2	8	—	17.0	-0.5	17	—	—	—	—	—	dr	101	162
Haifa	02	—	06	2	—	5	—	19.1	+2.7	11.2	18	-1	10	+1	80	0	132	237
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 6 h. 47 m.
" " Sunset 17 h. 00 m.

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٩-١٢-٢٢

STATION	14h. 21st: 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. Friday 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	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALÛM	01	8	20	5	0	3	Ac	14.3	22.0	47	21	6	30	4	5	5	Cb	17.4	-0.4	9.8	22	—	9	—	89	dr.	30	—	130
MATRÛH	02	6	20	5	3	4	Cu	13.9	23.9	50	02	8	24	4	1	4	Cb	17.5	-1.1	17.2	25	+6	12	+3	84	0	37	62	131
DIKHEILA	01	8	20	3	1	3	Ac	—	22.0	46	10	7	24	4	1	4	Cb	15.6	—	19.2	22	—	13	—	64	0	15	—	150
ALEXANDRIA	02	9	24	4	2	4	Ac	16.0	21.3	54	02	9	28	5	2	5	Cb	15.2	-3.6	18.8	22	+3	15	+4	89	0	8	78	132
DAMIETTA											21	8	20	3	5	3	Ac	15.2	—	13.0	21	—	11	—	87	dr.	19	35	159
PORT SAÎD	00	7	20	4	1	0	—	15.9	20.2	58	01	7	20	5	1	3	Ac	15.2	-2.3	15.6	21	+1	13	+1	68	0	13	27	134
EL 'ARÎSH	00	9	00	0	0	1	Cu	17.1	22.1	50	02	9	18	2	1	4	Cu	15.1	—	16.2	23	—	12	—	56	0	34	28	135
DAMANHÛR											00	7	20	3	0	0	—	15.8	-2.7	12.4	23	+2	11	+2	85	0	tr	32	136
MANṢURA											01	8	20	1	1	3	Cu	15.6	—	12.4	22	+1	11	+2	78	0	11	14	137
TANTA	00	7	24	2	0	0	—	16.0	23.2	50	00	7	20	1	0	0	—	16.6	-2.2	13.6	24	+3	10	+2	82	0	1	12	138
ZAGÂZIG	00	9	20	1	0	0	—	17.2	22.4	62	01	8	20	1	0	2	Cu	18.0	—	14.9	22	+1	11	+4	68	0	dr	9	139
CAIRO ALMÂZA	00	8	18	2	0	0	—	17.5	21.9	50	01	8	16	4	1	4	Ac	17.4	—	15.3	22	—	13	—	56	0	4	—	141
CAIRO EZBEKIYA	00	8	16	1	0	0	—	16.7	22.7	46	02	6	12	2	1	5	Ac	17.6	-1.4	14.0	24	+4	13	+5	65	0	1	7	—
CAIRO GIZA	00	7	14	3	0	0	—	16.8	23.8	47	05	6	14	3	2	5	Ac	17.6	-2.2	13.1	25	+5	11	+4	71	0	1	9	—
HELWÂN	00	8	16	2	0	0	—	17.1	20.3	51	02	6	12	2	1	4	Cu	18.0	-0.6	13.1	22	+3	12	+3	63	0	7	7	143
SUEZ	00	9	00	0	0	1	Ac	16.7	21.0	49	00	8	12	1	0	0	—	16.8	-2.2	17.0	23	+2	11	0	53	0	44	8	144
FAIYÛM	00	9	18	2	0	0	—	17.4	23.0	50	01	9	18	2	0	2	Cu	18.2	-1.1	12.1	25	+3	10	+2	69	0	7	3	153
MINYA	00	9	30	1	0	0	—	17.4	21.4	51	00	6	08	2	1	0	—	19.0	-0.7	13.3	22	+2	10	+2	68	0	tr	—	154
ASYÛT	00	7	30	2	0	0	—	17.0	22.0	50	00	6	08	2	0	0	—	19.0	-1.4	12.0	23	+3	8	+1	65	0	3	3	155
QENA	00	0	22	1	0	0	—	15.9	24.2	45	00	7	28	2	0	0	—	18.6	-0.5	12.1	27	+3	9	+1	72	0	1	—	156
LUXOR	00	9	06	1	0	0	—	16.2	24.5	43	00	9	06	1	0	0	—	19.4	—	9.5	26	—	6	—	74	0	9	—	157
ASWÂN	01	7	30	1	1	3	Cu	14.4	25.0	28	00	7	02	1	0	0	—	19.0	+0.1	14.0	26	+1	11	0	43	0	dr	—	158
SIWA	00	8	24	1	0	0	—	18.6	24.0	63	00	8	26	1	0	0	—	20.3	+0.6	11.2	25	+5	6	+1	49	0	1	4	148
BAHARIYA	00	9	16	1	0	0	—	17.6	23.0	47	00	9	16	1	0	0	—	18.7	—	11.7	25	—	9	—	67	0	0	—	149
KHARGA	00	8	04	1	0	0	—	—	22.2	35	00	8	00	0	0	0	—	19.6	+0.5	12.6	23	-1	7	0	46	0	0	tr	151
DÂKHLA	00	8	00	0	1	0	—	17.6	23.5	62	00	7	16	1	0	0	—	20.4	+0.1	8.0	25	+2	6	0	72	0	0	—	152
TOR	00	7	28	4	0	0	—	15.8	21.5	61	00	6	32	3	0	0	—	16.7	-1.2	13.5	22	0	10	+1	66	0	20	7	145
HURGHADA	00	9	32	2	0	0	—	16.7	22.0	60	00	9	24	2	0	0	—	17.1	-0.7	15.5	22	-1	10	-1	56	0	43	—	146
QUSEIR	01	7	02	2	0	2	Cs	16.6	22.0	66	00	7	24	2	0	0	—	17.6	+0.2	20.4	23	-1	15	0	60	0	2	5	147
PORT SUDAN	01	—	04	4	0	3	—	14	29	45	01	8	28	2	0	2	Sc	16.3	+0.9	24.5	29	+1	25	+4	44	0	51	81	169
WADI HALFA	01	8	32	4	0	2	Ac	15.3	25	30	01	8	32	2	1	4	Ac	12.8	-0.3	12.1	26	+1	7	-1	55	—	—	—	165
KAREIMA	00	8	32	3	0	0	—	13.5	29	21	00	8	32	2	0	0	—	18.0	+1.3	17.3	30	0	13	0	28	0	dr	1	166
'ATBARA	00	8	32	3	2	0	—	11	31	25	00	8	32	2	0	0	—	16.4	+1.6	20.6	31	0	15	0	44	0	1	1	167
KHARTÛM	00	8	03	2	0	0	—	9.2	34	24	00	8	02	3	0	0	—	14.4	+0.3	20.2	34	+1	18	+2	42	0	24	5	168
KASSALA	00	8	04	3	0	0	—	7.1	32	35	00	8	10	1	0	0	—	12.5	0.0	24.4	32	-2	19	+3	61	0	7	11	170
WAD MEDANI	01	—	02	4	0	3	—	8	33	25	00	—	04	4	0	0	—	13.4	+0.1	22.3	33	-1	16	0	51	0	44	13	171
DUEIM	00	8	32	3	0	0	—	11	33	35	00	8	32	3	0	0	—	15.1	+1.7	20.8	34	0	19	+4	47	0	17	12	173
RENK	00	7	30	3	0	0	—	6.3	35	21																		—	182
ROSEIRES	01	—	06	1	0	3	—	7	37	10	00	—	30	1	0	0	—	12.0	+0.2	22.9	38	+2	15	-1	44	0	72	37	172
EL OBEID	00	8	32	4	0	0	—	8.3	31	24	00	8	32	3	0	0	—	14.4	-1.2	19.0	31	0	14	+2	40	0	20	19	174
EL FÂSHER	00	8	08	4	0	0	—	—	30	25	00	8	04	1	0	1	Ci	—	—	13.0	31	0	8	-2	46	0	4	8	175
GENEINA	00	8	08	5	0	0	—	—	34	05	00	8	08	4	0	0	—	—	—	17.0	35	—	13	—	28	0	19	—	179
KADUGLI	00	7	04	5	0	1	—	5.8	35	18																		—	187
MALAKÂL	01	8	04	5	1	2	—	4.0	37	17	00	8	04	4	0	0	—	10.6	-0.8	25.1	38	+2	21	+4	30	0	75	93	176
WÂU	01	—	04	3	0	3	—	4	37	10	00	—	32	1	0	0	—	10.9	-0.3	21.2	37	+1	17	-1	52	0	106	146	177
JUBA	03	8	06	2	1	8	Ac	4.0	36	31	01	8	00	0	1	3	Ac	10.9	-0.2	26.7	37	+1	20	0	45	0	214	138	178

UPPER WINDS ON 22nd

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

SALÛM 7 h.	MATRÛH	DIKHEILA	MINYA 8 h.	HELWÂN 10 h.	ASYÛT	ASWÂN	WÂDI HALFA 5 h.	KAREIMA 5 h.	KHARTÛM 6 h.	KASSALA 6 h.	EL OBEID 6 h.	MALAKÂL 7 h.	JUBA 6 h.	GENEINA 7 h.
02.31.25			05.26.15	02.16.15			03.03.15	06.04.60	06.02.50	06.07.10	07.03.05	06.02.55	06.06.20	10.00.45
05.30.—			10.29.25	05.21.10			06.03.25	10.05.40	10.02.70	10.06.20	10.05.55	10.03.60	10.12.55	15.07.40
10.31.40			15.30.30	08.28.30			10.04.15	15.02.30	15.02.40	15.10.10	15.05.35	15.05.35	15.11.60	20.09.40
11.31.35				10.27.40			15.03.20	20.35.25	20.01.25	20.21.15	20.03.15	20.01.05	20.13.35	30.08.15
Ent. Cb				15.26.65			20.32.25	23.01.30	30.03.30	30.34.05	30.01.10	25.24.20	30.13.15	
				20.25.60			30.31.30		40.03.10	36.36.15		30.19.10	40.13.20	
				22.26.65					50.27.05			40.13.20	47.17.10	
									57.23.10			42.10.30		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 21st	Diff. from normal	Wet Bulb Temp. °C on 21st	Diff. from normal
Alexandria	58	-7	13.9	+1.9
Ezbekiya	66	-6	13.4	+2.1
Gîza	73	-3	13.4	+2.1
Helwân	63	+3	12.6	+2.6

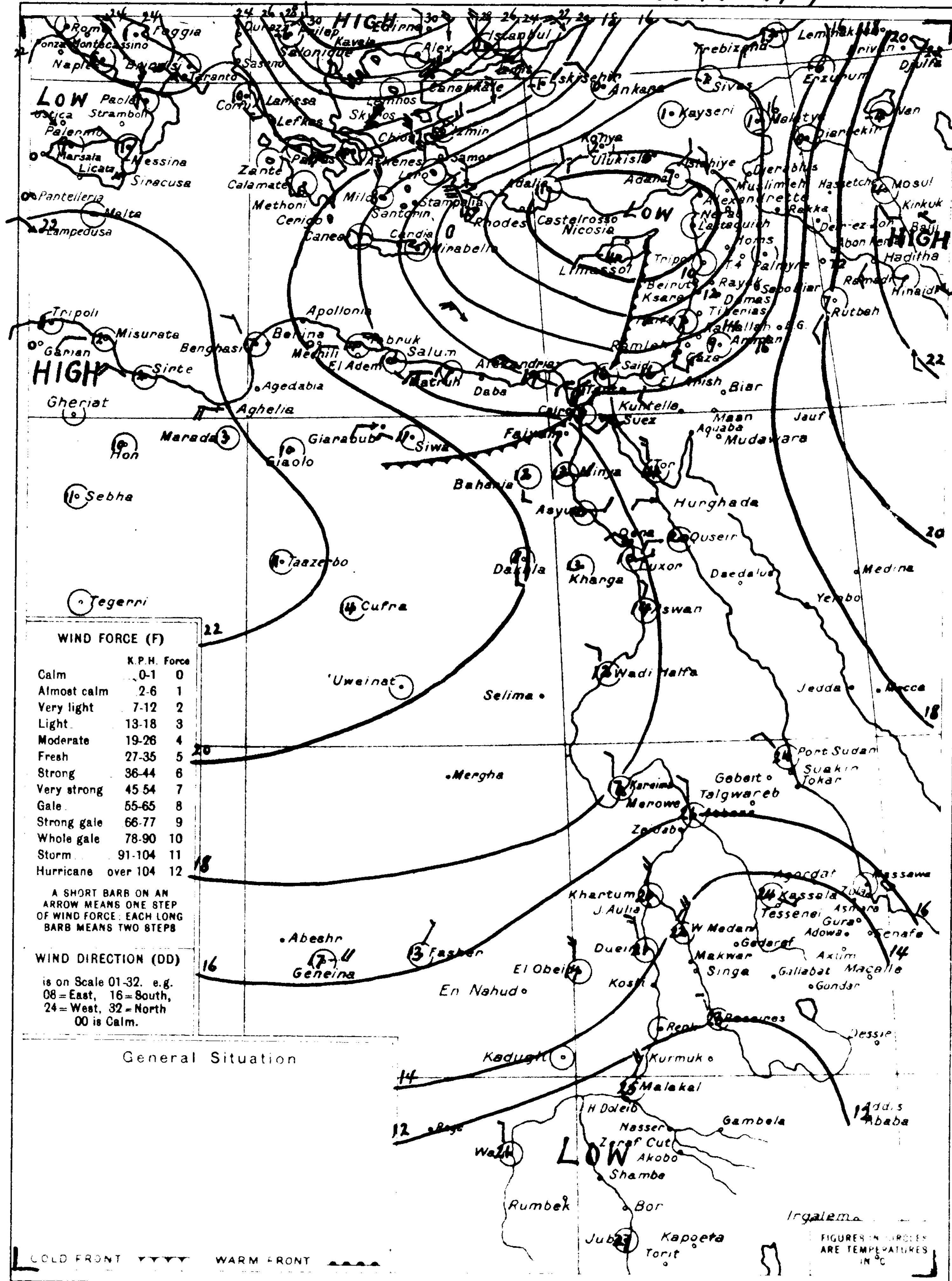
Gîza Grass minimum on 22nd 8.3 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
21-12	1274	1156
20-12	1274	1158

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	20-12	12.40	-1.06	13.00	-0.47
Nasser	20-12	7.38	-1.40	7.56	-1.27
Malakâl	21-12	11.80	-0.18	11.85	-0.14
Roseires	21-12	13.06	+0.33	13.09	+0.34
Sennâr Res.	21-12	20.71	—	20.72	—
J. Aulia U.S.	20-12	375.67	—	375.67	—
J. Aulia D.S.	21-12	371.99	-0.27	372.00	-0.27
Khartûm	21-12	11.26	-0.27	11.28	-0.28
Kh. el Girba	—	—	—	—	—
'Atbara	20-12	10.86	-0.13	10.88	-0.13
Kajnarti	21-12	134.22	-0.28	134.21	-0.32
Aswân Res.	21-12	120.78	—	120.74	—
Aswân D.S.	21-12	86.25	+0.06	86.25	+0.06
Rôda (Cairo)	21-12	15.77	+0.19	15.95	+0.28

Isobars, Wind and Temperature at 8 h. 22-12-1939



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 ▲▲▲▲

Kms 200 — SCALE 1:15,000,000

STATION	At 8 h. on 22nd: 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	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	6	24	2	1	3	—	9.4	-8.1	14	—	—	—	—	—	37	138	166
Haifa	03	—	26	2	—	8	—	14.2	-2.2	16.9	15	-4	8	-1	74	10	142	244
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

Printed by the Survey & Mines Dept. 1938 38 554

CAIRO
Time of Sunrise h. m. 06 47
" " Sunset h. m. 17 01

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

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 SATURDAY 23rd السبت ٢٣ 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	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	03	7	30	4	5	6	Cb.	17.5	17.0	69	20	6	32	1	6	5	Cb.	22.4	+4.5	11.8	19	—	9	—	96	5	35	—	130
MATRÛH	02	7	28	7	1	4	Cu.	15.2	18.0	80	02	7	30	4	6	5	Cb	21.6	+3.0	15.4	19	0	13	+4	85	32	69	63	131
DIKHEILA	25	6	26	4	8	7	Cb.	15.5	18.3	70	10	7	28	6	1	4	Cb.	21.1	—	16.3	20	—	13	—	70	7	22	—	150
ALEXANDRIA	03	9	24	5	6	7	Cb.	14.6	15.2	91	02	9	32	5	6	5	Cb.	20.0	+1.1	15.5	20	+1	13	+2	65	5	13	80	132
DAMIETTA											02	8	28	4	2	4	Cu.	19.2	—	16.0	21	—	13	—	69	dr.	19	36	159
PORT SAÏD	01	7	20	5	1	3	Ac.	13.6	21.0	61	01	6	28	6	1	3	Cu.	19.0	+1.5	16.1	21	+2	14	+3	61	dr.	13	27	134
EL ARÎSH	02	9	28	2	1	4	Cu.	14.0	20.7	67	60	8	28	2	1	5	Cb.	18.6	—	13.1	22	—	12	—	89	1	35	28	135
LOWER EGYPT																													
DAMANHÛR											50	6	24	2	6	5	Ac.	21.1	+2.6	13.0	21	0	10	+1	89	3	3	33	136
MANSÛRA											01	6	24	2	1	4	Sc.	20.6	—	12.5	21	0	11	+2	87	dr.	11	14	137
TANTA	03	6	32	4	2	8	Cu.	15.6	21.5	70	02	6	00	0	1	4	Ce.	20.3	+1.4	11.5	22	+1	10	+2	95	1	2	12	138
ZAGÂZIG	02	9	26	1	1	4	Cu.	14.7	22.4	54	01	8	20	1	0	4	Cu.	21.6	—	12.4	22	+1	9	+2	95	0	dr.	9	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	01	8	25	4	0	2	Cu.	15.8	21.2	40	05	6	24	2	2	5	Sc.	21.0	—	14.1	22	—	12	—	74	0	4	—	141
EZBEKIYA	01	7	24	4	1	3	Cu.	15.4	22.4	37	02	5	16	1	2	5	Ac.	21.2	+2.2	13.5	24	+4	12	+4	77	0	1	8	—
GÎZA	01	7	24	4	1	3	Cu.	15.1	22.9	36	05	5	14	1	2	6	Ac.	21.5	+1.7	13.0	23	+3	10	+3	83	0	1	9	—
HELWÂN	01	8	26	3	1	3	Cu.	15.5	20.8	27	03	6	00	0	2	7	Sc.	21.6	+3.0	12.0	22	+3	11	+2	79	0	7	8	143
SUEZ	01	9	24	1	1	3	Cu.	14.8	24.0	40	02	7	26	2	1	5	Cu.	20.7	+1.7	15.6	25	+4	14	+3	61	0	44	8	144
UPPER EGYPT																													
FAIYÛM	01	9	30	2	0	3	Cu.	16.0	23.1	42	03	8	16	1	2	8	As.	22.2	+2.8	11.0	25	+3	9	+1	75	0	7	3	153
MINYA	01	8	28	2	1	3	Ci.	16.8	23.2	36	09	5	30	1	0	0	—	21.6	+1.8	11.4	24	+4	9	+2	69	0	tr	—	154
ASYÛT	00	7	20	2	0	0	—	16.8	22.0	47	00	6	26	3	0	0	—	21.6	+1.2	12.2	24	+4	9	+2	63	0	3	3	155
QENA	00	8	22	2	0	0	—	16.0	23.7	35	00	8	22	2	0	0	—	20.7	+1.6	11.8	26	+3	10	+2	74	0	1	—	156
LUXOR	00	9	30	2	0	0	—	16.2	25.5	42	00	8	16	1	0	0	—	21.2	—	11.6	27	—	8	—	88	0	9	—	157
ASWÂN	00	7	32	2	0	0	—	15.4	25.3	21	00	7	02	1	0	0	—	21.0	+2.1	14.8	27	+3	12	+1	51	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	24	1	0	0	—	20.8	21.0	65	00	8	00	0	0	0	—	25.0	+5.3	10.0	21	+1	5	0	74	0	1	4	148
BAHARIYA	01	9	24	3	0	3	Ci.	17.8	19.8	50	00	9	16	1	0	0	—	21.0	—	10.8	22	—	6	—	90	0	0	—	149
KHÂRGA	00	8	04	1	0	0	—	16.0	21.3	45	00	8	00	0	0	0	—	22.7	+3.6	13.9	22	−2	9	+2	58	0	0	tr.	151
DÂKHLA	00	8	24	1	0	1	Ci.	17.8	23.0	59	00	7	22	1	0	0	—	22.8	+2.5	9.5	25	+2	10	+4	74	0	0	—	152
RED SEA																													
TÔR	00	7	28	4	0	0	—	14.6	23.0	56	00	5	28	3	0	1	Sc.	19.0	+1.0	18.5	25	+3	10	+1	67	0	20	7	145
HURGHÂDA																													146
QUSEIR	00	7	04	2	0	0	—	15.5	23.3	56	00	7	28	2	0	0	—	18.7	+1.3	20.2	26	+2	15	0	54	0	2	5	147
PORT SUDAN	00	7	04	3	0	0	—	13	27	55	00	8	28	2	0	0	—	17.1	+1.7	24.7	28	0	19	−2	53	0	51	82	169
NORTH SUDAN																													
WÂDI HALFA											00	8	32	3	0	0	—	19.6	+0.5	14.7	26	+2	10	+2	32	—	—	—	165
KAREIMA											00	7	04	2	0	0	—	18.5	+1.7	18.0	31	+1	15	+2	30	0	tr.	1	166
ATBARA	00	8	02	3	0	0	—	11	32	10	00	8	32	3	0	0	—	16.6	+1.7	20.0	32	+1	15	+1	36	0	1	1	167
KHARTÛM	00	8	28	3	0	0	—	9.3	34	28	00	9	04	3	0	0	—	15.0	+0.8	20.8	34	+1	17	+1	36	0	24	5	168
KASSALA	00	8	02	1	0	0	—	6.9	33	36	00	8	06	1	0	0	—	12.9	+0.3	23.6	34	0	20	+4	61	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	02	—	02	3	0	5	—	8	32	25	00	—	04	4	0	0	—	13.8	+0.5	22.0	33	−1	15	−1	57	0	44	13	171
DUEIM	01	8	32	3	0	3	—	10	32	35	00	8	32	3	0	0	—	15.2	+1.8	21.6	34	0	19	+4	39	0	17	12	173
RENK	00	7	27	2	0	0	—	7.2	34	48									—			—		—				—	182
ROSEIRES	01	—	26	1	0	3	—	7	35	25	00	—	30	1	0	0	—	12.4	+0.6	22.0	37	+1	16	0	46	0	72	37	172
EL OBEID	01	8	30	3	1	4	—	8.8	30	22	00	8	30	1	0	0	—	15.3	−0.4	17.2	31	0	13	+2	36	0	20	19	174
EL FASHER	00	8	06	3	0	0	—	—	29	25	00	8	00	0	0	0	—	—	—	11.8	31	0	7	−3	34	0	4	8	175
GENEINA	00	8	08	3	0	0	—	—	32	15	00	8	08	5	0	0	—	—	—	16.0	34	—	12	—	18	0	19	—	179
KADUGLI																												—	187
SOUTH SUDAN																													
MALAKÂL	00	8	02	4	0	0	—	5.0	35	19	01	8	04	5	0	3	Ci.	10.6	−0.9	25.0	37	+1	21	+4	30	0	75	93	176
WAU	01	—	04	3	0	3	—	5	35	10	00	—	32	1	0	0	—	10.6	−0.6	21.6	36	0	18	+1	41	0	106	146	177
JUBA	01	8	04	1	1	2	Cu.	4.7	37	32	03	8	00	0	8	7	Ac.	11.7	+0.6	25.6	37	+1	23	+3	56	dr.	214	138	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 7 h.	MATRÛH 7 h.	DIKHEILA h. m.	MINYA 8 h.	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 6 h.	JUBA 6 h.	GENEINA 7 h.
02 36 05	02 35 40		05 34 20	02 17 05	02 30 15	02 01 20	03 02 25	06 03 50	06 03 45	06 08 15	07 02 40	06 02 60	06 09 20	10 04 50
05 01 —	05 34 25		10 32 30	05 33 15	05 35 25	05 35 45	06 01 40	10 04 50	10 03 60	10 08 10	10 04 50	10 03 80	10 10 35	15 07 55
06 02 25	10 34 15		15 33 40	08 33 30	10 34 45	10 36 55	10 01 30	15 04 20	15 03 45	15 06 15	15 05 45	15 04 45	15 11 50	20 08 50
	15 32 15		20 33 30	10 33 30	15 35 60	15 33 40	15 01 20	20 02 25	20 11 10	20 05 20	20 06 45	20 36 15	20 13 30	30 18 20
	16 31 25		25 29 55	15 32 35	20 35 50		20 28 15	30 35 25	25 21 15	23 05 25	24 06 45	25 34 25	30 14 30	40 18 20
			30 30 65	20 30 40			30 29 45	33 35 10	30 34 15			30 02 10	40 15 15	45 02 05
			35 28 65	23 31 35			35 27 45		39 33 30			40 15? 35	41 14 25	
			40 29 60	25 31 25								50 07 10		
				27 32 30								56 05 10		

Forecast for 24 hours from noon on 23rd

On the coast fresh & strong northwest winds, decreasing slightly tomorrow. Inland light to moderate northwesterly winds, freshening. Much low cloud. Showers throughout Lower Egypt. Cooler. Further outlook: Cool

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٣
على الساحل رياح شمالية غربية جيدة نسبية الى قوية
وتقل قليلا غدا
وفي الداخل رياح شمالية غربية خفيفة والمعتدلة ثم تشتد
قليلا. كثير السحاب المنخفض
يتساقط مطر على عموم مصر السفلى. تهبط درجة
الحرارة وفيما بعد تستمر منخفضة

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet bulb temp °C on 22nd	Diff. from normal
Alexandria	58	−7	13.9	+1.9
Ezbekiya	63	−9	13.0	+1.8
Gîza	71	−5	12.7	+1.5
Helwân	59	−1	11.6	+1.7

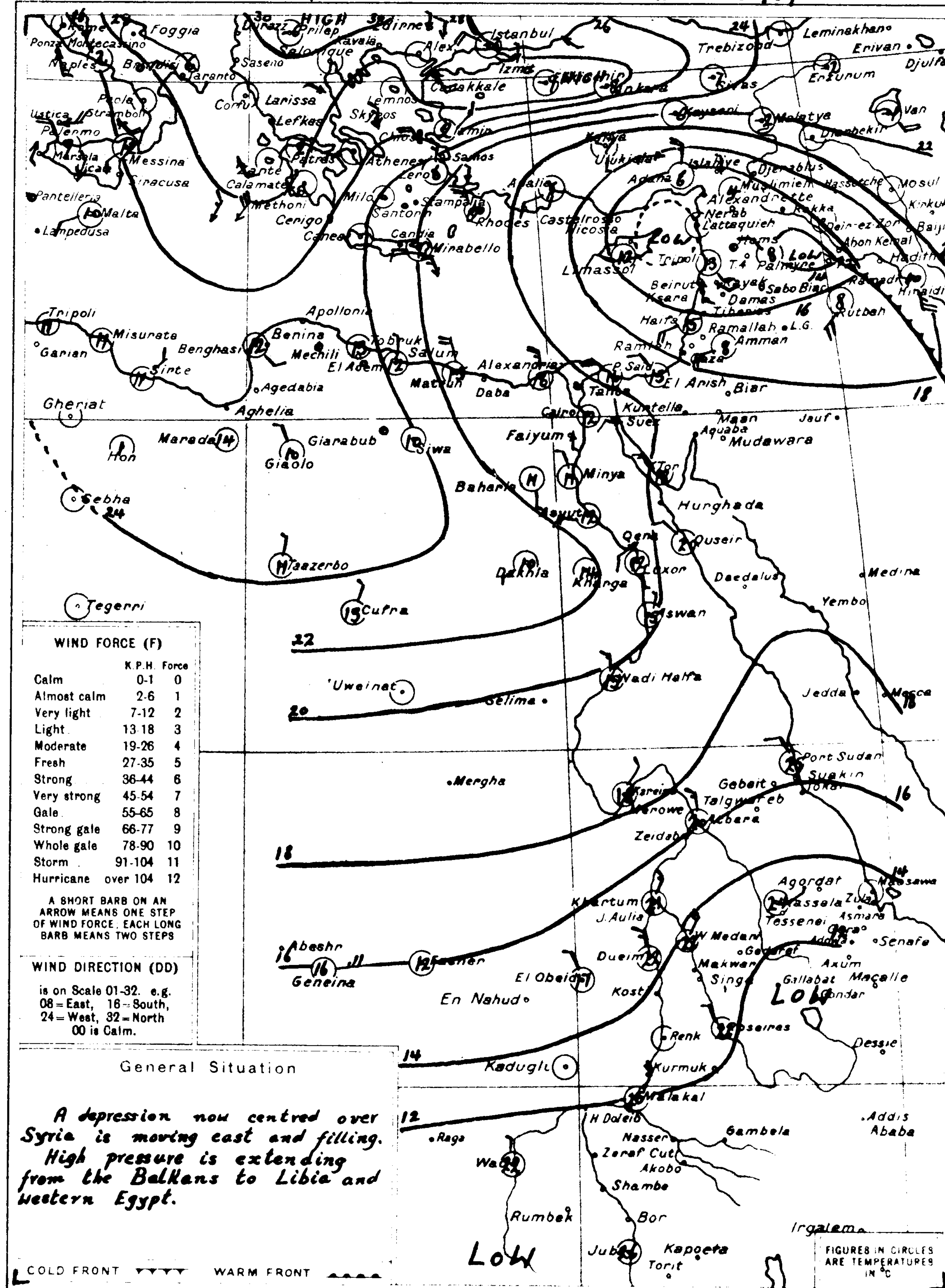
Gîza Grass minimum on 23rd 5.8 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
23.12	1274	1158
22.12	1274	1158

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	22.12	11.80	−1.66	12.10	−1.36
Nasser	22.12	7.02	−1.58	7.20	−1.50
Malakal	23.12	11.69	−0.27	11.77	−0.19
Roseires	23.12	13.80	+0.32	13.83	+0.33
Sennar Res	22.12	20.70	—	20.71	—
J. Aulia U.S	22.12	375.65	—	375.64	—
J. Aulia D.S	22.12	371.77	−0.27	371.97	−0.26
Khartum	22.12	11.20	−0.29	11.23	−0.28
Kh. el Girba	—	—	—	—	—
Atbara	22.12	10.81	−0.16	10.84	−0.14
Kajnarti	22.12	134.21	−0.28	134.23	−0.27
Aswan Res.	23.12	120.87	—	120.84	—
Aswan D.S	23.12	86.24	+0.05	86.24	+0.05
Roda (Cairo)	23.12	15.34	−0.16	15.44	−0.05

١٩٣٩-١٢-٢٣ Isobars, Wind and Temperature at 8 h. 23-12-1939



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 depression now centred over Syria is moving east and filling. High pressure is extending from the Balkans to Libia and western Egypt.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

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	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	7	26	2	2	5	—	15.5	−2.0	12	—	—	—	—	—	4	142	169
Haifa	02	—	22	4	—	5	—	16.8	+0.4	14.8	19	0	13	+4	78	23	165	250
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. 53

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	Ci
Cirro cumulus	Cc
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 48 m
" " Sunset 17 h 01 m

Month DECEMBER 1939 — ١٩٣٩ شهر دسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

٢٤-١٢-١٩٣٩

Region	Station	14h 23rd ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Sunday 24th 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.	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	SALUM	02	7	02	4	8	4	Cb	23.1	15.1	65	01	7	26	3	0	2	Cu	27.5	+9.6	7.9	15	—	7	—	89	tr	35	—	130
	MATRUH	03	6	30	4	2	6	Cb	22.6	15.8	84	02	7	20	1	2	5	Cb	27.1	+8.5	12.8	16	-3	10	+1	80	0	69	64	131
	DIKHEILA	02	8	28	6	5	5	Cb	21.5	16.0	70	01	8	14	2	1	4	Cu	25.8	—	14.5	16	—	13	—	55	tr	22	—	150
	ALEXANDRIA	03	9	30	6	5	7	Cb	21.1	16.4	59	02	9	00	0	2	4	Cu	25.8	+6.9	15.0	17	-2	14	+3	61	dr.	13	82	132
	DAMIETTA											01	8	20	2	1	3	Cu	23.4	—	13.0	22	—	11	—	77	0	19	36	159
	PORT SAÎD	03	6	28	6	5	6	Cu	19.2	17.0	58	01	7	26	3	1	3	Ac	24.4	+6.9	15.6	19	0	13	+2	68	dr.	13	28	134
	EL 'ARISH	60	8	28	2	6	5	Cb	19.1	15.6	82	01	9	20	1	6	3	Cu	23.9	—	11.3	18	—	10	—	84	5	40	29	135
LOWER EGYPT	DAMANHUR											01	4	04	1	1	2	Cu	25.8	+7.3	9.7	18	-3	8	-1	77	0	3	33	136
	MANSURA											02	6	32	1	1	4	Cu	25.1	—	12.4	18	-3	9	0	61	0	11	14	137
	TANTA	02	7	28	5	1	5	Cu	20.7	17.5	57	00	8	00	0	0	0	—	25.2	+6.3	11.5	18	-3	6	-2	76	0	2	12	138
	ZAGÂZIG	02	9	30	1	1	4	Cu	21.4	21.9	32	01	8	02	1	0	3	So	25.6	—	9.9	22	+1	5	-2	87	0	dr	9	139
MIDDLE EGYPT — CAIRO	ALMAZA	21	8	26	3	8	7	Cb	21.1	16.7	58	00	7	03	1	0	1	St	25.1	—	10.1	18	—	7	—	71	tr	4	—	141
	EZBEKIYA	31	7	30	3	5	6	Cb	21.1	17.1	57	00	6	00	0	0	0	—	25.6	+6.6	10.0	18	-2	8	0	74	dr	1	8	—
	GIZA	13	8	30	1	5	8	Ns	21.1	16.8	60	05	6	12	2	0	0	—	25.5	+5.7	7.0	20	0	5	-2	91	dr	1	9	—
	HELWÂN	03	6	26	2	2	8	Cb	21.0	16.3	57	05	5	00	0	0	0	—	25.9	+7.3	9.2	17	-2	8	-1	72	dr.	7	8	143
	SUEZ	02	8	28	3	1	5	Sc	20.3	18.6	45	01	7	02	2	0	3	Cu	25.4	+6.4	9.8	20	-1	7	-4	84	0	44	8	144
UPPER EGYPT	FAIYUM	03	9	30	3	2	6	Cb	21.4	17.8	57	00	9	10	1	0	0	—	26.2	+6.8	9.0	20	-1	6	-1	74	0	7	3	153
	MINYA	03	7	32	1	2	6	Cb	20.7	18.7	58	09	5	32	1	1	0	—	26.2	+6.4	9.5	19	-1	7	0	84	0	tr	—	154
	ASYUT	02	7	26	4	1	4	Cu	20.3	20.5	43	00	6	22	3	0	0	—	25.4	+5.0	10.0	21	+1	7	0	87	0	3	3	155
	QENA	02	8	20	1	1	4	Cu	18.2	24.3	41	00	7	26	1	0	0	—	23.9	+4.8	11.4	26	+3	9	+1	81	0	1	—	156
	LUXOR	02	9	02	1	2	5	Ci	19.5	22.0	43	00	8	14	1	0	0	—	24.4	—	10.0	24	—	6	—	86	0	9	—	157
	ASWAN	02	7	30	3	1	5	Cu	18.4	22.0	35	00	7	00	0	0	0	—	23.5	+4.5	13.0	23	-1	10	0	66	0	dr	—	158
WESTERN DESERT	SIWA	00	8	26	1	0	0	—	23.0	20.0	28	00	8	00	0	0	0	—	28.3	+8.6	12.0	22	+2	6	+1	70	0	1	4	148
	BAHARIYA	01	9	30	2	1	3	Cu	21.6	17.3	69	00	9	32	1	0	0	—	26.3	—	8.9	19	—	5	—	83	0	0	—	149
	KHARGA	01	8	04	2	1	2	Ci	19.1	23.4	32	00	8	32	2	0	0	—	23.9	+4.7	12.6	23	-1	9	+2	63	0	0	tr.	151
	DAKHLA	01	8	32	3	1	4	Ci	21.4	20.0	30	00	7	24	1	0	0	—	26.3	+6.0	10.0	21	-1	7	+1	66	0	0	—	152
RED SEA	TOR	00	6	28	6	0	1	Sc	17.8	21.0	57	00	6	32	4	0	1	Cc	22.7	+4.7	16.0	22	+1	9	0	59	0	20	7	145
	HURGHADA	01	9	32	4	1	3	St	18.0	22.0	47	01	9	26	3	1	3	Ac	23.2	+5.3	16.0	22	-1	11	0	57	0	43	—	146
	QUSEIR	01	7	02	2	1	4	Ac	17.9	22.1	57	01	7	30	3	0	2	Cs	22.7	+5.2	18.4	23	-1	15	0	57	0	2	5	147
	PORT SUDAN											02	7	28	5	1	5	Sc, Ac	18.6	+3.2	24.8	31	+3	15	-6	57	0	51	83	169
NORTH SUDAN	WADI HALFA											00	8	30	3	0	0	—	22.7	+3.6	12.5	26	+2	10	+2	46	—	—	—	165
	KAREIMA											00	8	02	3	0	0	—	20.7	+3.9	17.0	31	+1	15	+2	36	0	dr.	1	166
	'ATBARA											00	8	32	3	0	0	—	—	—	20.0	33	+2	16	+2	38	0	1	1	167
	KHARTUM											00	7	04	3	0	1	Ac	17.3	+3.1	21.0	34	+1	16	0	36	0	24	5	168
	KASSALA											00	8	06	1	0	0	—	12.9	+0.3	23.9	34	0	20	+4	68	0	7	11	170
CENTRAL SUDAN	WAD MEDANI											00	—	02	4	0	0	—	15.4	+2.1	21.5	35	+1	17	+1	44	0	44	13	171
	DUEIM											00	8	32	4	0	0	—	—	—	23.2	35	+1	19	+4	39	0	17	12	173
	RENK																													182
	ROSEIRES											00	—	26	1	1	0	—	12.6	+0.8	23.3	37	+1	15	-1	40	0	72	37	172
	EL OBEID											01	8	30	3	0	2	Ci	16.8	+1.1	18.2	32	+1	13	+2	30	0	20	19	174
	EL FÂSHER											00	8	02	2	0	1	Cs	—	—	13.1	30	-1	9	-1	36	0	4	8	175
	GENEINA											01	8	02	5	0	3	Ac	—	—	15.5	33	—	13	—	23	0	19	—	179
	KADUGLI																													187
S. SUDAN	MALAKAL											03	8	02	6	1	7	Cs	11.6	+0.1	25.0	36	0	21	+4	22	0	75	93	176
	WÂU											00	—	32	1	0	0	—	12.6	+1.4	21.7	36	0	17	0	48	0	106	146	177
	JUBA											03	8	00	0	1	7	Ac	11.5	+0.4	26.4	37	+1	22	+2	63	0	214	139	178

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

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

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

SALUM 7h	MATRUH 7h	DIKHEILA	CAIRO	HELWAN 8h 30m	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 5h	KHARTUM 6h	KASSALA 6h	EL OBEID 6h	MALAKAL 3h	JUBA 7h	GENEINA 7h
02.30.20	02.25.05			02.21.05	02.33.20	02.02.15	03.03.25	06.03.75	06.03.45	06.09.10	07.01.45	06.01.80	06.10.05	10.04.45
05.33.—	05.25.05			05.36.35	05.01.35	05.01.35	06.03.55	10.02.45	10.05.40	10.10.15	10.04.80	10.02.70	10.11.45	15.07.50
10.32.15	10.32.10			08.35.25	10.36.55	10.03.50	10.02.40	15.01.30	15.05.25	15.11.15	15.05.30	15.03.30	15.10.55	20.04.20
15.32.25	15.32.10			10.01.25	15.34.55	15.03.20	15.34.15	20.33.30	20.01.25	20.15.05	20.18.05	20.03.15	20.10.45	30.16.05
20.32.20	18.33.10			15.06.30		20.35.15	20.30.20	30.03.25	25.01.25	30.12.05	30.03.20	25.02.15	30.12.15	40.15.05
25.34.20				20.03.30			30.29.35		30.34.15	40.25.05		30.05.15	40.13.20	43.10.10
30.32.15				23.33.15					31.33.30	44.25.05		36.05.20	47.17.10	
31.33.15				25.32.30										
				30.35.25										
				35.32.20										

Forecast for 24 hours from noon on 24th

Light to moderate northwesterly winds.
Some low cloud.
Temperature remaining slightly below normal.

تغيرات الطقس المنتظرة في ١٤ ساعة من ظهر يوم ٢٤
رياح شمالية غربية بين الخفيفة والمعتدلة
يظهر بعض السحاب المنخفض
تستمر درجة الحرارة دون المعدل قليلا

Station	Mean of day Humidity % 23rd	Diff. from normal	Wet bulb temp °C 23rd	Diff. from normal
Alexandria	49	-16	11.8	-0.1
Ezbekiya	64	-8	11.6	+0.5
Giza	73	-3	11.5	+0.4
Helwan	67	+7	10.7	+0.8

Giza Grass minimum on 24th 1.4 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
24-12	1389	1158
23-12	1274	1158

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	24-12	11.63	-1.82	11.65	-1.80
Nasser	23-12	6.88	-1.65	7.02	-1.58
Malakal	24-12	11.63	-0.30	11.69	-0.27
Roseires	24-12	12.97	+0.32	13.00	+0.32
Sennar Res	23-12	20.70	—	20.70	—
J. Aulia U.S	23-12	375.66	—	375.65	—
J. Aulia D.S	23-12	371.95	-0.28	371.97	-0.27
Khartum	23-12	11.19	-0.29	11.20	-0.29
Khashm el Girba	—	—	—	—	—
Atbara	23-12	10.79	-0.17	10.81	-0.16
Kajbar	23-12	134.19	-0.29	134.21	-0.28
Aswan Res	24-12	120.90	—	120.87	—
Aswan D.S	24-12	86.41	+0.32	86.24	+0.05
Roda (Cairo)	24-12	15.00	-0.30	15.24	-0.16

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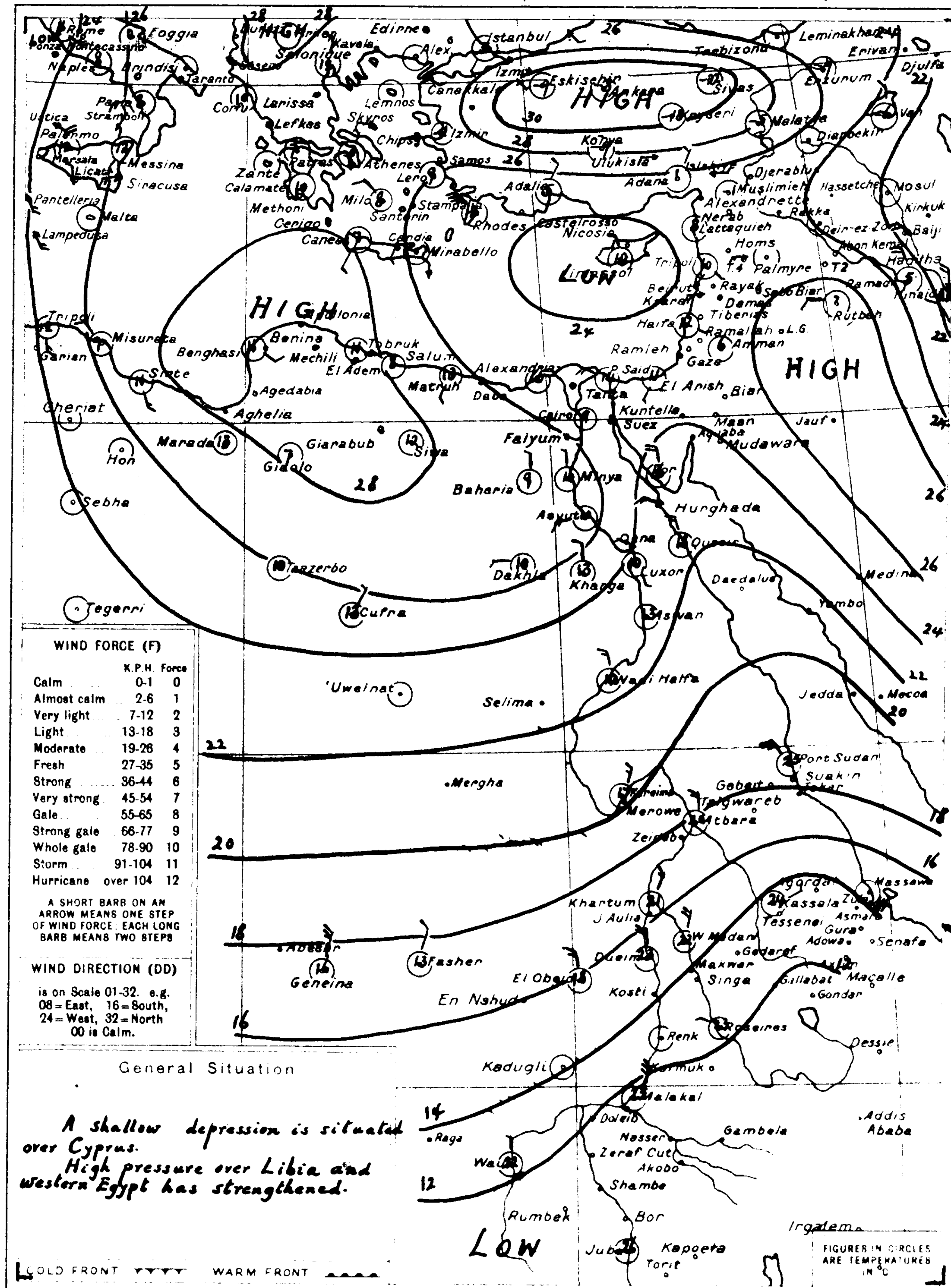
Isobars, Wind and Temperature at 8 h. 24-12-1939



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 situated over Cyprus.
High pressure over Libia and western Egypt has strengthened.

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000

At 8 h. on 24th — الساعة ٨ يوم ٢٤

Station	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	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	01	7	30	1	1	3	—	23.6	+6.1	10	—	—	—	—	—	0	142	173
Haifa	00	—	10	1	—	0	—	23.9	+7.5	12.0	18	-1	8	-1	67	4	169	257
Salum 19th	02	6	32	1	1	5	Cb	23.9	+6.1	15.7	18	—	12	—	88	0	30	—
Hurghada 22nd	00	9	26	3	0	0	—	19.2	+1.3	17.0	25	+2	13	+2	47	0	43	—

SHIPS

Remarks

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

PRESENT WEATHER (WW)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 48 m

" " Sunset 17 h 02 m

Month DECEMBER 1939   ١٩٣٩ شهر ديسمبر

MINISTRY OF PUBLIC WORKS   PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 24th (الساعة ١٤ يوم ٢٤) — At 8 h. on MONDAY 25th (الساعة ٨ يوم الاثنين ٢٥)

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	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	01	8	30	1	0	3	Cu	25.9	15.6	62	01	7	20	5	0	2	Ac	25.6	+7.7	10.1	16	—	8	—	68	0	35	—	130
	MATRÛH	02	6	30	1	1	4	Cb	25.5	16.2	68	03	6	22	2	2	7	Cb	26.0	+7.4	10.1	19	0	10	+1	92	0	69	65	131
	DIKHEILA	01	8	32	2	1	4	Cu	25.1	17.0	61	02	8	28	2	1	5	Sc	25.9	—	16.1	19	—	11	—	55	tr.	22	—	150
	ALEXANDRIA	02	9	04	2	2	4	Cu	25.2	17.8	45	03	9	32	1	6	6	Cb	25.8	+6.9	16.0	19	0	13	+2	50	2	15	84	132
	DAMIETTA											02	8	30	2	5	5	Sc	24.4	—	14.8	18	—	10	—	72	tr.	19	37	159
	PORT SAÎD	50	7	28	4	5	5	Cu	23.6	16.0	76	02	6	26	3	5	5	Cu	24.6	+7.1	15.1	20	+1	12	+1	76	1	14	28	134
	EL 'ARÎSH	02	9	30	1	1	4	Cu	23.4	18.0	50	01	9	00	0	0	3	Cb	24.8	—	7.5	19	—	6	—	93	2	42	29	135
Lower Egypt	DAMANHÛR											01	7	22	2	1	2	Cu	26.0	+7.5	10.7	20	-1	8	-1	89	0	3	34	136
	MANSÛRA											01	8	32	1	1	3	Sc	24.7	—	12.4	19	-2	10	+1	78	0	11	15	137
	TANTA	02	7	28	2	1	5	Cu	24.3	19.0	45	01	8	00	0	1	3	Ac	26.0	+7.1	10.0	20	-1	6	-2	87	0	2	13	138
	ZAGÂZÎG	02	9	30	1	1	4	Cu	24.4	18.8	52	00	7	20	1	0	1	Sc	26.0	—	10.4	20	-1	5	-2	87	0	tr.	9	139
Middle Egypt (Cairo)	ALMÂZA	01	8	32	4	1	4	Cu	23.9	17.7	47	00	7	00	0	0	1	Sc	25.9	—	9.9	18	—	6	—	69	0	4	—	141
	EZBEKÎYA	02	8	32	1	1	4	Cu	24.0	19.0	41	01	6	30	1	0	2	Ac	25.9	+6.9	10.1	20	0	8	0	75	0	1	8	—
	GÎZA	02	8	32	3	1	5	Cu	24.2	18.0	42	01	7	30	1	0	3	Sc	26.0	+6.2	7.6	19	-1	4	-3	85	0	1	9	—
	HELWÂN	02	7	02	2	1	5	Cu	24.3	16.4	39	05	5	30	1	0	2	Cu	25.8	+7.2	8.9	17	-2	8	0	74	0	7	8	143
	SUEZ	01	9	02	2	1	3	Cu	23.6	17.2	52	00	8	32	1	0	0	—	25.1	+6.2	11.2	19	-2	8	-2	81	0	44	8	144
Upper Egypt	FAIYÛM	01	9	32	2	1	4	Cu	24.3	18.3	44	09	8	00	0	0	0	—	26.0	+6.6	9.8	20	-1	5	-2	71	0	7	3	153
	MINYA	00	8	30	2	1	0	—	23.2	18.0	38	09	5	30	1	0	0	—	25.2	+5.4	7.5	18	-2	5	-2	79	0	tr.	—	154
	ASYÛT	00	8	30	4	0	0	—	23.0	17.0	43	00	6	26	3	0	0	—	25.1	+4.7	8.5	19	-1	5	-2	73	0	3	3	155
	QENA	00	8	22	4	0	0	—	20.2	21.6	30	00	6	26	2	0	0	—	23.1	+3.9	8.6	23	0	6	-2	77	0	1	—	156
	LUXOR	00	9	02	1	0	0	—	21.2	21.3	39	00	9	10	1	0	0	—	23.5	—	6.5	22	—	3	—	86	0	9	—	157
	ASWÂN	00	6	32	2	0	0	—	19.4	21.0	34	00	7	02	1	0	0	—	22.6	+3.6	10.4	22	-2	7	-3	59	0	tr.	—	158
Western Desert	SÎWA	00	8	00	0	0	0	—	26.0	19.0	71																		4	148
	BAHARÎYA	01	9	32	1	1	4	Cu	24.8	15.9	46	00	9	16	1	0	0	—	27.1	—	6.8	17	—	3	—	74	0	0	—	149
	KHÂRGA	00	8	04	3	0	0	—	—	21.3	49	00	8	32	2	0	0	—	24.2	+5.0	11.3	21	-3	8	+1	60	0	0	tr.	151
	DAKHLA	02	7	30	4	2	5	Sc	24.4	17.8	46	00	7	00	0	0	0	—	26.4	+6.1	6.3	20	-2	4	-2	66	0	0	—	152
Red Sea	TÔR	00	6	28	3	0	1	Cu	21.6	21.0	57	00	6	32	2	0	0	—	21.9	+3.9	11.5	21	0	8	-1	64	0	20	7	145
	HURGHÂDA	00	9	30	4	0	0	—	21.0	19.5	43	01	9	26	4	0	2	Cu	22.3	+4.4	15.0	20	-3	11	0	41	0	43	—	146
	QUSEIR	01	7	02	3	1	4	Ac	20.4	19.8	63	01	7	28	3	0	2	Cs	21.1	+3.6	18.0	21	-3	13	-2	44	0	2	6	147
	PORT SUDAN	02	—	02	3	1	5	—	17	27	55	00	8	30	4	0	0	—	16.2	+0.7	23.8	31	+3	21	0	51	0	51	84	169
North Sudan	WÂDI HALFA	00	8	02	5	0	0	—	18.9	22	32	00	8	32	3	0	0	—	23.1	+3.9	10.6	25	+1	9	+1	43	—	—	—	165
	KAREIMA	00	8	32	3	0	0	—	16.1	27	22	00	8	02	4	0	0	—	21.5	+4.7	14.8	28	-2	11	-2	32	0	tr.	1	166
	ATBARA	06	8	32	3	0	—	—	13	31	25	12	4	32	3	0	0	—	16.3	+1.4	18.6	31	0	15	+1	36	0	1	1	167
	KHARTÛM	00	8	04	3	0	0	—	12.0	33	27	00	8	04	3	0	0	—	16.8	+2.6	18.7	33	0	15	-1	40	0	24	5	168
	KASSALA	00	8	32	3	0	0	—	9.6	33	41	01	7	02	3	0	4	Ac	14.0	+1.4	23.0	33	-1	18	+2	67	0	7	11	170
Central Sudan	WAD MEDANI	01	—	32	4	0	4	—	10	33	10	00	—	02	5	0	0	—	16.0	+2.7	20.3	33	-1	12	-4	24	0	44	13	171
	DUEIM	00	8	32	4	0	0	—	10	32	35	00	8	32	3	0	0	—	17.2	+3.7	20.4	34	0	17	+2	42	0	17	12	173
	RENK	01	7	27	2	0	4	As	9.4	33	31																			182
	ROSEIRES	01	—	30	1	0	4	—	8	36	25	00	—	26	1	1	0	—	13.3	+1.5	23.2	37	+1	18	+2	36	0	72	37	172
	EL OBEID	01	8	22	4	1	4	—	11.6	30	18	00	8	28	3	1	1	Ci	17.7	+2.0	15.6	30	-1	12	+1	34	0	20	19	174
	EL FASHER	00	8	02	3	0	0	—	—	27	10	00	8	04	1	0	1	Cs	—	—	12.5	29	-2	7	-3	46	0	4	8	175
	GENEINA	01	9	08	5	0	3	Ac	—	30	13																			179
	KADUGLI																													187
S. Sudan	MALAKÂL	01	8	04	4	1	3	—	7.6	34	16	00	8	02	5	0	0	—	13.3	+1.8	23.7	36	0	19	+2	22	0	75	93	176
	WÂU											00	—	32	3	0	0	—	—	—	21.6	36	0	18	+1	34	0	106	146	177
	JÛBA	01	8	04	3	1	4	Ac	6.5	35	31	00	8	04	4	1	0	—	12.9	+1.8	27.6	37	+1	22	+2	40	0	214	139	178

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

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

SALÛM 7h	MATRÛH 7h	DIKHEILA	MINYA 8h	HELWÂN 9h 00m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 5h	KAREIMA 5h	KHARTÛM 7h	KASSALA 7h	EL OBEID 7h	MALAKÂL 7h	JÛBA 6h	EL FASHER 6h
02.23.30	02.24.20		02.36.15	02.34.10	02.36.15	02.01.10	03.01.25	06.02.55	06.36.45	06.04.20	07.35.35	06.01.50	06.03.30	09.01.10
05.24.—	05.27.15		05.01.35	05.01.25	05.02.40	05.36.65	06.36.55	10.02.45	10.01.50	10.05.15	10.03.50	10.03.10	10.06.25	10.01.10
10.28.20	10.23.10		10.02.35	08.02.35	10.36.50	10.03.45	10.34.60	15.35.25	15.02.35	15.04.15	15.03.30	15.05.50	15.10.40	15.02.25
15.28.05	15.31.15		15.03.35	10.02.30	15.01.45	15.02.35	15.36.20		20.36.15	20.31.05	20.04.15	20.01.20	20.09.30	20.35.35
20.05.05			20.35.30	15.04.30	20.02.40		18.35.20		25.01.20	30.23.25	26.06.05	25.36.20	30.08.25	30.33.95
22.35.05			25.36.30	20.07.30					30.05.10	34.21.30		30.02.10	40.11.20	
25.34.20			30.36.20	23.02.25					40.10.15			34.19.15	50.13.25	
28.29.30				25.01.20					50.13.15				56.10.25	
				30.35.25										
				32.35.30										

Forecast for 24 hours from noon on 25th

On the coast moderate westerly winds becoming southwesterly later and freshening.

Inland light to moderate northerly winds becoming northeasterly later.

Some low cloud.

Temperature remaining slightly below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٥

على الساحل رياح غربية معتدلة ثم تصير جنوبية غربية وتشتد نوعاً

وفي الداخل رياح شمالية بين الخفيفة والمعتدلة ثم تصير شمالية شرقية

يظهر بعض السحاب المنخفض

تستمر درجة الحرارة دون المعدل قليلاً

Station	Mean of day Humidity % on 24th	Diff. from normal	Wet bulb temp. °C on 24th	Diff. from normal
Alexandria	59	-6	11.6	-0.2
Ezbekiya	63	-9	10.0	-1.1
Giza	75	-1	9.0	-2.1
Helwân	59	-1	8.7	-1.1

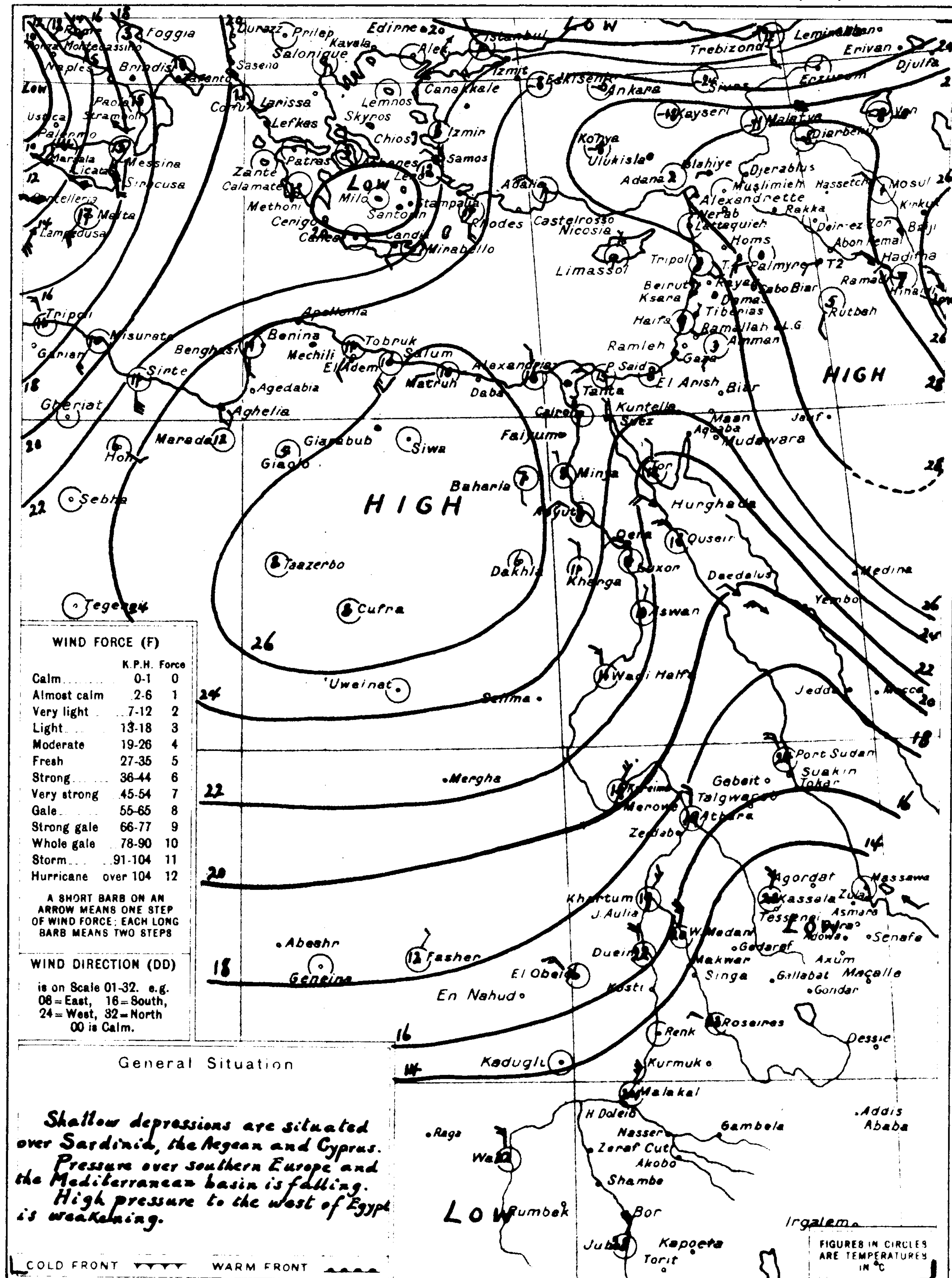
Giza Grass minimum on 25th 0.6 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
25-12	1389	1157
24-12	1389	1158

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-12	11.63	-1.82	11.65	-1.80
Nâsser	24-12	6.76	-1.64	6.88	-1.66
Malakal	25-12	11.55	-0.36	11.63	-0.30
Roseires	25-12	12.92	+0.30	12.97	+0.32
Sennâr Res	24-12	20.70	—	20.70	—
J. Aulia U S	24-12	375.61	—	375.66	—
J. Aulia D S	24-12	371.95	-0.27	371.95	-0.28
Khartûm	24-12	11.18	-0.28	11.19	-0.29
Kh. el Girba					
Atbara	24-12	10.77	-0.18	10.79	-0.17
Kajnarti	24-12	134.57	-0.28	134.79	-0.29
Aswân Res.	25-12	120.92	—	120.90	—
Aswân D.S.	25-12	86.40	+0.21	86.41	+0.22
Rôda (Cairo)	25-12	14.91	-0.29	15.00	-0.30

٢٥-١٢-١٩٣٩ Isobars, Wind and Temperature at 8 h. 25-12-1939.



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

Shallow depressions are situated over Sardinia, the Aegean and Cyprus.

Pressure over southern Europe and the Mediterranean basin is falling.

High pressure to the west of Egypt is weakening.

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 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	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	02	1	0	2	—	23.5	+5.9	9	—	—	—	—	—	0	142	176
Haifa	02	—	10	2	—	5	—	26.1	+8.7	9.2	19	0	7	-2	74	0	169	263
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 06 h 48 m
" " Sunset 17 h 02 m

Month DECEMBER 1939 ١٩٣٩ شهر دسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Region	STATION	14h 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)	°C Temp. (TTT)	% Humidity (UU)	8h on TUESDAY 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.	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	16	4	1	4	As.	23.1	17.1	44	02	7	18	6	1	5	Ac.	21.5	+3.5	10.2	17	—	10	—	54	0	35	—	130
	MATRUH	02	6	20	2	2	5	Cu.	23.4	18.0	59	02	8	16	3	2	5	As.	23.1	+4.5	7.9	19	0	8	-1	86	0	69	66	131
	DIKHEILA	01	8	30	2	1	3	Sc.	24.4	16.9	48	02	8	14	1	1	4	Ci.	24.6	—	11.2	20	—	9	—	63	0	22	—	150
	ALEXANDRIA	01	9	24	1	2	3	Cu.	24.2	18.3	35	03	9	00	0	2	6	Ac.	24.3	+5.4	11.6	20	+1	10	-1	59	0	15	86	132
	DAMIETTA											01	7	22	1	1	4	Ac.	24.2	—	11.3	19	—	8	—	72	dr.	19	38	159
	PORT SAÏD	02	7	[illegible]	3	6	5	Cu.	23.0	16.9	65	01	7	18	3	1	3	Cc.	24.3	+6.8	12.6	19	0	11	0	89	3	17	29	134
	EL 'ARISH	01	9	00	0	0	3	Cu.	23.6	18.5	45	01	9	00	0	0	3	Cu.	24.6	—	7.8	20	—	5	—	82	0	42	30	135
LOWER EGYPT	DAMANHUR											02	7	16	2	2	4	Cc.	—	—	10.0	20	-1	7	-1	74	0	3	35	136
	MANŞURA											01	8	32	1	1	3	Sc.	24.6	—	8.8	19	-2	6	-2	83	0	11	15	137
	TANTA	02	7	04	2	1	5	Cu.	23.5	19.0	46	03	7	00	0	2	6	As.	24.8	+5.8	7.0	20	-1	3	-5	92	0	2	13	138
	ZAGÂZIG	02	8	30	1	1	4	Cu.	24.0	18.9	54	00	7	02	1	4	0	—	25.1	—	9.4	20	-1	5	-2	96	0	dr.	9	139
MIDDLE EGYPT – CAIRO	ALMÂZA	01	8	32	2	1	4	Cu.	23.5	17.5	42	01	7	10	2	0	2	Cs.	24.4	—	11.2	18	—	7	—	65	0	4	—	141
	EZBEKIYA	02	8	02	1	1	4	Cu.	23.6	19.2	39	00	5	00	0	0	0	—	24.4	+5.4	9.0	20	0	7	-1	89	0	1	8	—
	GÎZA	02	8	04	3	1	4	Cu.	23.2	19.0	41	08	4	00	0	4	3	Ci.	24.8	+5.0	7.1	19	-1	3	-4	94	0	1	9	—
MIDDLE EGYPT	HELWÂN	02	8	32	3	1	4	Cu.	23.4	16.4	38	09	5	00	0	0	2	Ci.	24.8	+6.2	10.4	18	-1	8	0	66	0	7	8	143
	SUEZ	01	9	32	4	0	2	Cu.	22.6	18.0	51	00	8	30	1	0	0	—	24.7	+5.8	9.2	19	-1	5	-5	71	0	44	8	144
UPPER EGYPT	FAIYUM	02	9	02	2	1	4	Cu.	23.5	18.3	43	00	9	30	1	0	0	—	24.8	+5.4	9.4	21	0	5	-2	69	0	7	3	153
	MINYA	00	7	02	3	1	0	—	22.0	17.4	43	04	2	00	0	4	0	—	24.3	+4.4	7.0	18	-2	5	-2	85	0	tr.	—	154
	ASYÛT	00	8	30	3	0	0	—	—	18.0	44	00	6	26	3	0	0	—	24.6	+4.2	8.2	19	-1	5	-2	77	0	3	3	155
	QENA	00	8	22	1	0	0	—	20.2	21.3	41	00	6	30	1	0	0	—	23.9	+4.7	7.9	23	0	4	-4	63	0	1	—	156
	LUXOR	00	9	02	1	0	0	—	20.7	20.9	39	00	8	12	1	0	0	—	24.6	—	6.8	23	—	2	—	74	0	9	—	157
	ASWÂN	00	7	30	4	0	0	—	19.4	20.0	32	00	7	00	0	0	0	—	23.8	+4.7	10.4	21	-3	7	-3	56	0	dr.	—	158
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	26.7	19.0	72	00	8	06	1	0	0	—	23.8	+4.0	6.5	21	+1	-1	-5	64	0	1	4	148
	BAHARIYA	00	9	32	1	0	0	—	24.0	16.2	42	00	9	32	1	0	0	—	24.3	—	5.4	18	—	1	—	70	0	0	—	149
	KHARGA	00	8	04	3	0	0	—	20.2	20.2	39																		tr.	151
	DÂKHLA	00	8	04	1	0	0	—	23.6	16.8	37	00	7	00	0	0	0	—	25.2	+4.9	4.5	23	+1	1	-5	63	0	0	—	152
RED SEA	TOR	00	7	28	4	0	0	—	19.8	20.0	33	00	6	32	3	0	0	—	23.1	+5.0	11.9	21	0	7	-2	33	0	20	7	145
	HURGHADA	00	9	32	2	0	0	—	20.0	20.5	51	00	9	26	3	0	0	—	21.8	+3.8	15.3	21	-2	9	-2	46	0	43	—	146
	QUSEIR	01	7	32	3	1	4	Ac.	19.8	20.4	61	01	7	30	2	0	2	Cs.	21.9	+4.4	18.0	21	-3	13	-2	57	0	2	6	147
	PORT SUDAN	01	7	02	5	0	3	—	15	26	75	01	8	28	5	1	2	Sc.	18.6	+3.1	23.2	31	+3	20	0	43	0	51	85	169
NORTH SUDAN	WÂDI HALFA	00	8	32	4	0	0	—	19.5	20	27	00	8	32	2	0	0	—	24.5	+5.3	8.7	21	-3	5	-3	50	—	—	—	165
	KAREIMA											00	8	32	2	0	0	—	21.6	+4.8	11.2	25	-5	9	-4	32	0	dr.	1	166
	ATBARA	00	8	02	3	0	0	—	13	29	25	00	8	04	3	0	0	—	17.4	+2.5	17.4	29	-2	13	-1	40	0	1	1	167
	KHARTÛM	00	8	04	3	0	1	—	12.4	31	24	00	8	02	2	0	0	—	19.1	+4.9	16.2	32	-1	13	-3	42	0	24	5	168
	KASSALA	00	8	32	3	1	0	—	10.4	30	40	01	8	02	3	0	2	Ac.	15.1	+2.5	21.9	31	-3	17	+1	66	0	7	11	170
CENTRAL SUDAN	WAD MEDANI	01	—	30	4	0	3	—	11	30	25	00	—	02	4	0	0	—	16.3	+3.0	19.0	31	-3	11	-5	23	0	44	13	171
	DUEIM	00	8	32	5	0	0	—	11	32	25	00	8	27	3	0	0	—	18.2	+4.7	17.4	32	-2	13	-1	37	0	17	12	173
	RENK	00	7	30	3	0	0	—	10.2	31	29																		—	182
	ROSEIRES	01	—	02	3	0	3	—	9	33	10	00	—	30	1	0	0	—	14.4	+2.6	21.3	35	-1	16	0	43	0	72	37	172
	EL OBEID	01	8	26	3	1	2	—	12.8	26	26	00	8	30	3	0	1	Ci.	18.5	+2.7	13.7	27	-3	10	-1	29	0	20	19	174
	EL FÂSHER	00	9	06	3	0	0	—	—	26	25	00	8	32	1	0	0	—	—	—	11.3	27	-4	7	-3	53	0	4	8	175
	GENEINA	00	8	06	5	1	0	—	—	27	12	00	8	02	4	0	0	—	—	—	11.0	30	—	8	—	32	0	19	—	179
	KADUGLI																												—	187
S. SUDAN	MALAKÂL	01	8	32	4	0	2	—	8.3	34	18	00	8	14	5	0	0	—	14.0	+2.5	22.0	34	-2	18	+1	21	0	75	93	176
	WÂU																												146	177
	JUBA	00	8	08	3	0	0	—	7.6	35	30	03	8	02	1	1	6	Ci.Cc	13.3	+2.2	24.1	36	+1	19	-1	54	0	214	139	178

UPPER WINDS ON 26th

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

SALÛM 7h	MATRÛH 7h	DIKHEILA	CAIRO	HELWAN 8h 30m	ASYÛT 7h	ASWÂN 7h	WÂDI HALFA 5h	KAREIMA 5h	KHARTÛM 6h	KASSALA 6h	EL OBEID 6h	MALAKÂL 7h	JUBA 6h	GENEINA 7h
02 10 45	02 19 35			02 07 15	02 31 05	05 03 30	03 03 20	06 03 50	06 01 40	06 03 25	07 01 35	06 02 45	06 03 20	10 04 40
05 20 —	05 19 45			05 04 20	05 12 05	10 04 30	06 03 30	10 05 25	10 02 45	10 04 20	10 03 50	10 04 70	10 07 40	15 10 15
07 20 35	10 19 20			08 08 20	10 06 20	15 02 15	10 05 25	15 02 25	15 03 30	15 12 25	15 07 30	15 06 35	15 09 50	20 09 20
09 21 35	15 18 25			10 07 35	15 07 10	20 34 20	15 01 20	20 06 35	20 04 15	20 19 05	20 07 10	20 05 10	20 09 35	30 08 15
10 24 20				15 07 05	20 03 10		20 33 25	30 03 20	25 04 15	30 27 25	30 04 —	25 12 10	30 10 25	40 12 10
15 29 25				20 22 05			27 35 20	35 02 10	28 06 15	31 28 35		30 01 05	40 11 20	50 14 10
17 30 20				23 26 20								40 25 15	41 11 20	52 15 10
				25 26 20								50 21 15		
				30 26 20								56 22 30		
				35 27 30										

Forecast for 24 hours from noon on 26th

On the coast moderate southerly winds, becoming strong south to southwest.
Inland light variable winds, chiefly northeasterly, becoming southerly tomorrow.
Some medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦
على السواحل رياح جنوبية معتدلة ثم تشتد وتصير بين جنوبية وجنوبية غربية
وفي الداخل رياح خفيفة مختلفة الاتجاه أكثرها شمالية شرقية ثم تصير جنوبية باكر
يظهر بعض السحاب المتوسط الارتفاع
ولا تغيير يذكر في درجة الحرارة

STATION	Mean of day Humidity on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	44	-21	10.6	-1.2
Ezbekiya	67	-5	10.4	-0.6
Giza	77	+1	9.7	-1.4
Helwan	63	+3	9.0	-0.7

Giza Grass minimum 26th -0.4°C

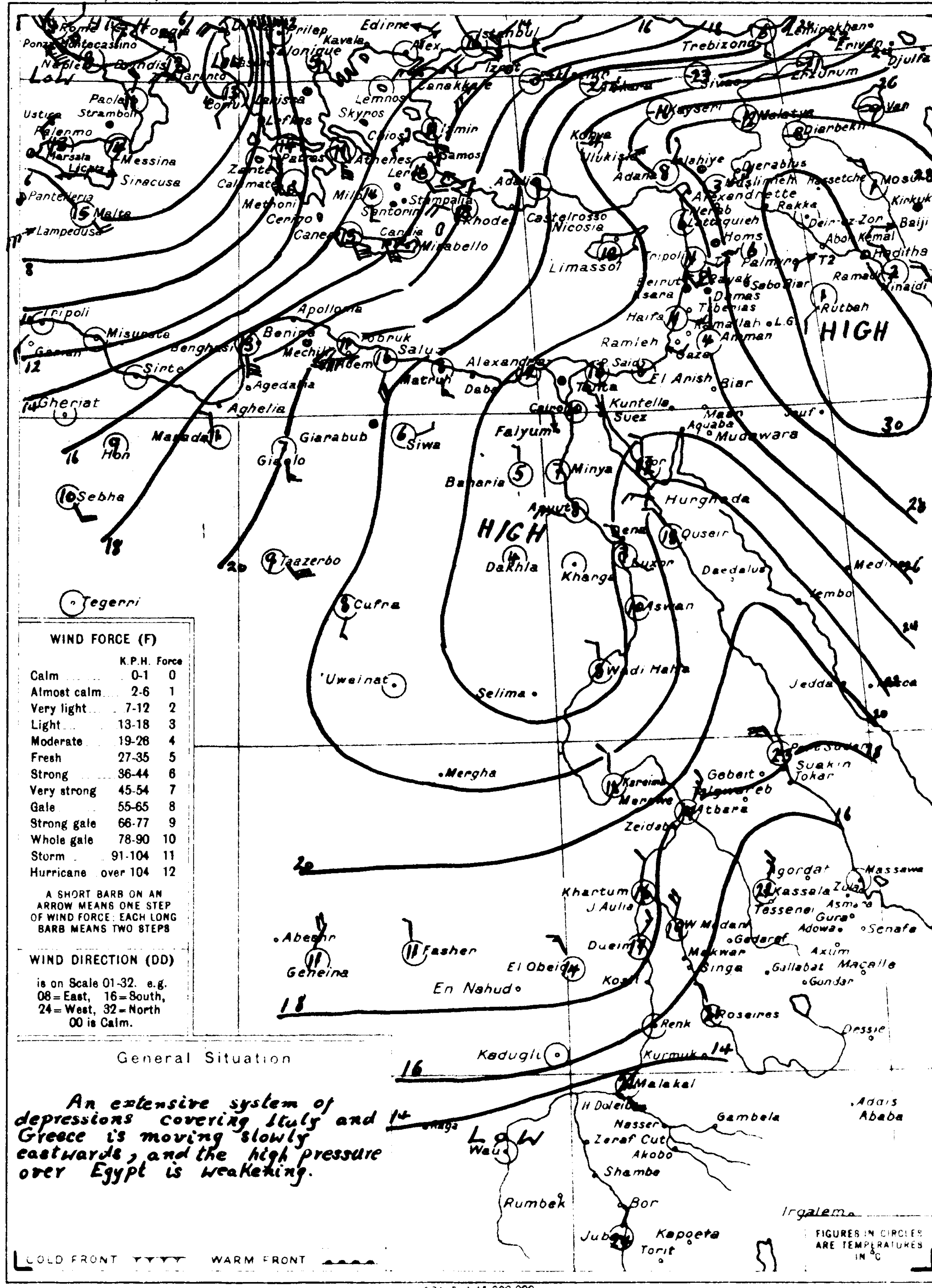
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
26.12	1387	11.58
25.12	1387	11.57

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal
Juba	25.12	11.59	-1.85	11.63	-1.42
Nasser	25.12	6.65	-1.65	6.76	-1.64
Malakal	26.12	11.50	-0.40	11.55	-0.36
Roseires	26.12	12.91	+0.31	12.92	+0.30
Sennar Res.	25.12	20.70	—	20.70	—
J. Aulia U.S.	24.12	375.61	—	375.66	—
J. Aulia D.S.	24.12	371.95	-0.27	371.95	-0.26
Khartum	25.12	11.17	-0.26	11.18	-0.28
Kh. el Girba	—	—	—	—	—
Attara	25.12	10.77	-3.17	10.77	-0.18
Kajnarti	25.12	134.15	-0.27	134.17	-0.26
Aswan Res.	26.12	120.93	—	120.92	—
Aswan D.S.	26.12	86.40	+0.21	86.40	+0.21
Roda (Cairo)	26.12	14.87	-0.23	14.91	-0.27

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

١٩٣٩ - ١٢ - ٢٦ Isobars, Wind and Temperature at 8 h. 26-12-1939.



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	19-28	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

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

An extensive system of depressions covering Italy and Greece is moving slowly eastwards, and the high pressure over Egypt is weakening.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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

STATION	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.	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	00	0	2	8	—	22.8	+5.2	12	—	—	—	—	—	0	142	180
Haifa	00	—	10	3	—	0	—	24.8	+8.4	10.6	18	-1	8	-1	70	0	169	270
Siwa 25th	00	8	00	0	0	0	—	27.1	+7.4	9.9	22	+2	2	-3	87	0	1	4
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 06 m 48
" " Sunset h 17 m 03

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

STATION	14h on 26th: ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on WEDNESDAY 27th: 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.	Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN																													
SALÛM	02	8	18	6	1	4	Ac.	18.2	16.9	37	02	7	17	7	2	5	Cu.	15.4	-2.6	14.2	17	—	9	—	42	0	35	—	130
MATRÛH	02	8	20	4	1	4	Cc.	19.4	17.8	—	03	6	16	4	2	6	Ac.	18.0	-0.6	12.1	18	-1	8	-1	74	0	69	67	131
DIKHEILA	01	8	19	1	1	4	Cs.	—	18.2	43	01	8	14	3	1	4	Ac.	21.5	—	10.4	19	—	8	—	65	0	22	—	150
ALEXANDRIA	02	9	16	1	2	5	Ac.	21.4	18.4	35	01	9	16	1	2	3	Ac.	20.8	+1.8	10.3	20	+1	7	-4	63	0	15	88	132
DAMIETTA											02	6	18	1	2	5	Ac.	21.1	—	7.3	19	—	6	—	90	0	19	38	159
PORT SAÎD	02	7	30	3	1	4	Cs.	21.4	16.6	64	02	7	18	3	1	5	Ac.	21.2	+3.7	11.1	20	+1	9	-2	74	0	17	29	134
EL 'ARÎSH	01	9	10	1	1	4	Cu.	22.3	18.6	47	02	9	00	0	1	4	Ci.	21.8	—	8.6	21	—	6	—	66	0	42	30	135
LOWER EGYPT																													
DAMANHÛR											01	7	16	2	1	3	Cu.	21.5	+3.0	8.8	20	-1	8	0	68	0	3	35	136
MANṢÛRA											02	4	04	1	1	4	Sc.	22.2	—	6.9	20	-1	5	-3	83	0	11	15	137
TANTA	02	7	00	0	1	4	Ci.	21.6	19.0	50	02	7	00	0	1	4	As.	21.6	+2.6	9.0	20	-1	4	-4	67	0	2	13	138
ZAGÂZIG	01	9	06	1	0	2	Cs.	21.6	20.1	45	01	8	20	1	0	2	Cs.	22.0	—	9.9	21	0	3	-4	73	0	dr.	10	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	06	2	1	3	Cs.	20.7	22.0	29	00	8	16	3	0	1	Ac.	21.6	—	12.2	22	—	7	—	41	0	4	—	141
CAIRO EZBEKIYA	02	8	32	2	1	5	Cc.	20.8	20.9	28	01	6	14	2	0	2	Cc.	21.6	+2.6	8.9	22	+2	7	-1	63	0	1	8	—
CAIRO GIZA	02	8	06	1	1	4	Ci.	20.7	20.9	28	05	6	16	2	0	3	Ac.	21.5	+1.7	8.0	22	+2	3	-4	72	0	1	9	—
HELWÂN	01	7	22	2	0	4	Ci.	20.6	18.9	31	05	6	12	1	0	2	Ac.	22.0	+3.4	10.7	19	0	6	-2	38	0	7	8	143
SUEZ	02	9	14	1	1	5	As.	20.8	20.2	41	00	8	00	0	0	0	—	22.0	+3.1	8.2	22	+2	5	-5	71	0	44	9	144
UPPER EGYPT																													
FAIYÛM	02	9	10	1	1	4	Cu.	21.6	20.8	43	00	9	14	1	0	0	—	22.4	+3.0	8.8	22	+1	3	-4	50	0	7	3	153
MINYA	01	8	00	0	1	3	Ci.	22.3	18.5	42	08	4	02	1	0	0	—	22.2	+2.3	8.2	19	-1	4	-3	73	0	tr.	—	154
ASYÛT	00	7	30	3	0	0	—	20.8	19.1	42	00	6	12	3	0	0	—	22.4	+2.0	9.0	21	+1	5	-2	54	0	3	3	155
QENA	00	8	22	1	0	0	—	20.2	20.8	46	00	7	32	2	0	0	—	22.7	+3.5	8.5	23	0	6	-2	56	0	1	—	156
LUXOR	00	9	30	1	0	0	—	20.7	21.5	45	00	9	08	1	0	0	—	23.0	—	8.8	22	—	4	—	73	0	9	—	157
ASWAN	00	7	08	1	0	0	—	18.6	22.3	33	00	7	02	1	0	0	—	21.9	+2.8	11.4	24	0	9	-1	59	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	20	3	0	0	—	21.5	18.0	65	00	8	10	1	0	0	—	19.9	+0.1	8.2	19	0	3	-1	77	0	1	4	148
BAHARIYA	01	9	08	1	0	2	Cc.	21.2	17.9	42	00	9	16	1	0	0	—	21.9	—	4.3	20	—	0	—	66	0	0	—	149
KHARGA	00	8	32	1	0	0	—	—	17.4	41																		tr.	151
DAKHLA	00	8	04	1	0	0	—	21.2	18.2	37	00	7	00	0	0	0	—	24.0	+3.7	2.0	21	-1	-1	-7	78	0	0	—	152
RED SEA																													
TOR	00	7	28	2	0	1	Cc.	20.7	20.6	44	00	6	32	3	0	0	—	21.6	+3.5	10.5	21	0	6	-3	57	0	20	8	145
HURGHADA	00	9	02	2	0	0	—	21.0	20.4	53	00	9	24	2	0	0	—	21.5	+3.5	15.0	21	-2	9	-2	59	0	43	—	146
QUṢEIR	00	4	32	2	0	0	—	22.0	21.2	64	00	4	24	2	0	0	—	21.1	+3.6	17.0	22	-2	14	-1	75	0	2	6	147
PORT SUDAN	00	8	04	5	0	0	—	16	27	35	02	9	30	3	1	5	Ac.	17.5	+2.0	23.7	30	+3	20	0	51	0	51	86	169
NORTH SUDAN																													
WÂDI HALFA	00	8	32	3	0	0	—	18.8	21	18	00	7	32	3	0	0	—	21.6	+2.4	10.0	22	-2	6	-2	51	—	—	—	165
KAREIMA	00	8	04	2	0	0	—	16.8	25	24	00	8	32	2	0	0	—	20.1	+3.3	13.8	27	-3	10	-3	29	0	dr.	1	166
'ATBARA	00	8	02	3	0	0	—	13	29	25	00	8	30	3	0	0	—	17.6	+2.7	18.8	29	-2	14	0	24	0	1	1	167
KHARTÛM	00	8	04	2	0	0	—	12.5	31	24	01	8	02	3	0	2	Ci.	16.7	+2.4	18.6	31	-1	15	-1	40	0	24	5	168
KASSALA	00	8	02	3	0	0	—	10.5	31	39	00	7	06	1	0	0	—	14.3	+1.6	21.7	32	-2	15	-1	59	0	7	11	170
CENTRAL SUDAN																													
WAD MEDANI	01	—	02	3	0	3	—	11	31	25	00	—	04	3	0	0	—	15.9	+2.6	20.0	31	-3	14	-2	40	0	44	13	171
DUEIM	00	8	03	3	0	0	—	14	29	35	00	8	32	4	0	0	—	16.6	+3.1	20.0	31	-3	16	+2	41	0	17	12	173
RENK	00	7	30	2	0	0	—	10.2	31	24																		—	182
ROSEIRES	01	—	02	1	0	3	—	9	35	35	00	—	30	1	0	0	—	13.6	+1.7	22.4	36	0	16	0	43	0	72	37	172
EL OBEID	00	8	32	3	0	0	—	12.8	26	26	00	8	30	1	0	0	—	17.3	+1.5	14.6	27	-3	11	0	32	0	20	19	174
EL FASHER	00	8	08	3	0	0	—	—	25	25	00	8	00	0	0	0	—	—	—	11.6	27	-4	7	-3	34	0	4	8	175
GENEINA	00	8	04	3	0	0	—	—	28	14	01	8	06	2	1	4	Ac.	—	—	10.2	31	—	7	—	29	0	19	—	179
KADUGLI	00	7	04	5	0	1	—	9.3	—	20																		—	187
S. SUDAN																													
MALAKÂL	00	8	04	3	0	0	—	8.3	33	19	00	8	02	6	0	0	—	13.1	+1.6	22.7	34	-2	19	+2	24	0	75	93	176
WÂU	01	—	04	2	0	3	—	8	33	10	00	—	32	2	0	0	—	13.6	+2.4	19.8	34	-2	14	-3	37	0	106	146	177
JUBA	01	8	10	3	1	4	—	7.7	34	33	00	8	00	0	0	0	—	13.2	+2.1	24.1	35	-2	19	-1	54	0	214	140	178

UPPER WINDS ON 27th (الرياح العليا يوم ٢٧)

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

SALÛM (7h)	MATRÛH (7h)	DIKHEILA	CAIRO	HELWÂN (9h)	ASYÛT (7h)	ASWÂN (7h)	WÂDI HALFA (5h)	KAREIMA (4h)	KHARTÛM (7h)	KASSALA (7h)	EL OBEID (6h)	MALAKÂL (6h)	JUBA	FASHER (6h)
02 22 45	02 21 60			02 15 15	02 11 15	02 02 15	03 03 20	06 04 35	06 02 45	06 08 05	07 02 35	06 02 45		09 02 20
05 22 —	05 22 45			05 19 20	05 13 10	05 07 15	06 05 25	10 03 35	10 02 30	10 11 15	10 05 35	10 04 65		10 06 15
06 22 05	10 26 25			08 19 20	10 20 05	10 05 15	10 08 20	15 05 30	15 01 20	15 13 20	15 11 20	15 06 30		15 02 05
07 23 10	15 25 25			10 25 25	15 22 35	15 17 05	15 03 15	20 07 10	20 24 05	20 15 10	20 21 15	20 10 10		20 04 05
08 23 40				15 25 25	20 25 20	20 13 10	20 03 10	30 35 10	30 24 15	30 24 15	29 23 30	25 14 20		30 34 10
10 27 20				20 25 35			25 36 05	33 33 10	36 28 10	40 23 15		30 06 10		40 07 —
13 28 10				23 25 30			30 34 10			41 22 15		40 24 05		
End Cb.				25 26 35								50 20 20		
				30 25 50								56 16 05		
				35 27 45										

Forecast for 24 hours from noon on 27th

On the coast fresh to strong winds from south to west.
Inland light southerly winds, freshening.
Occasional medium cloud.
Slightly milder by day; night temperature below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٧
على الساحل رياح بين [illegible] والقوية جنوبية وغربية
وفي الداخل رياح خفيفة جنوبية ثم تشتد نزعا
يظهر بعض السحاب المتوسط الارتفاع احيانا
ويدفأ الطقس قليلا اثناء النهار وفي الليل تهبط
درجة الحرارة عن المعدل

STATION	Mean of day Humidity % on 26th	Diff. from normal	Wet bulb temp °C on 26th	Diff. from normal
Alexandria	54	-11	10.0	-1.7
Ezbekiya	69	-2	9.7	-1.2
Giza	83	+7	8.9	-2.1
Helwân	50	-10	8.9	-0.7

Gîza Grass minimum on 27th 0.0 °C

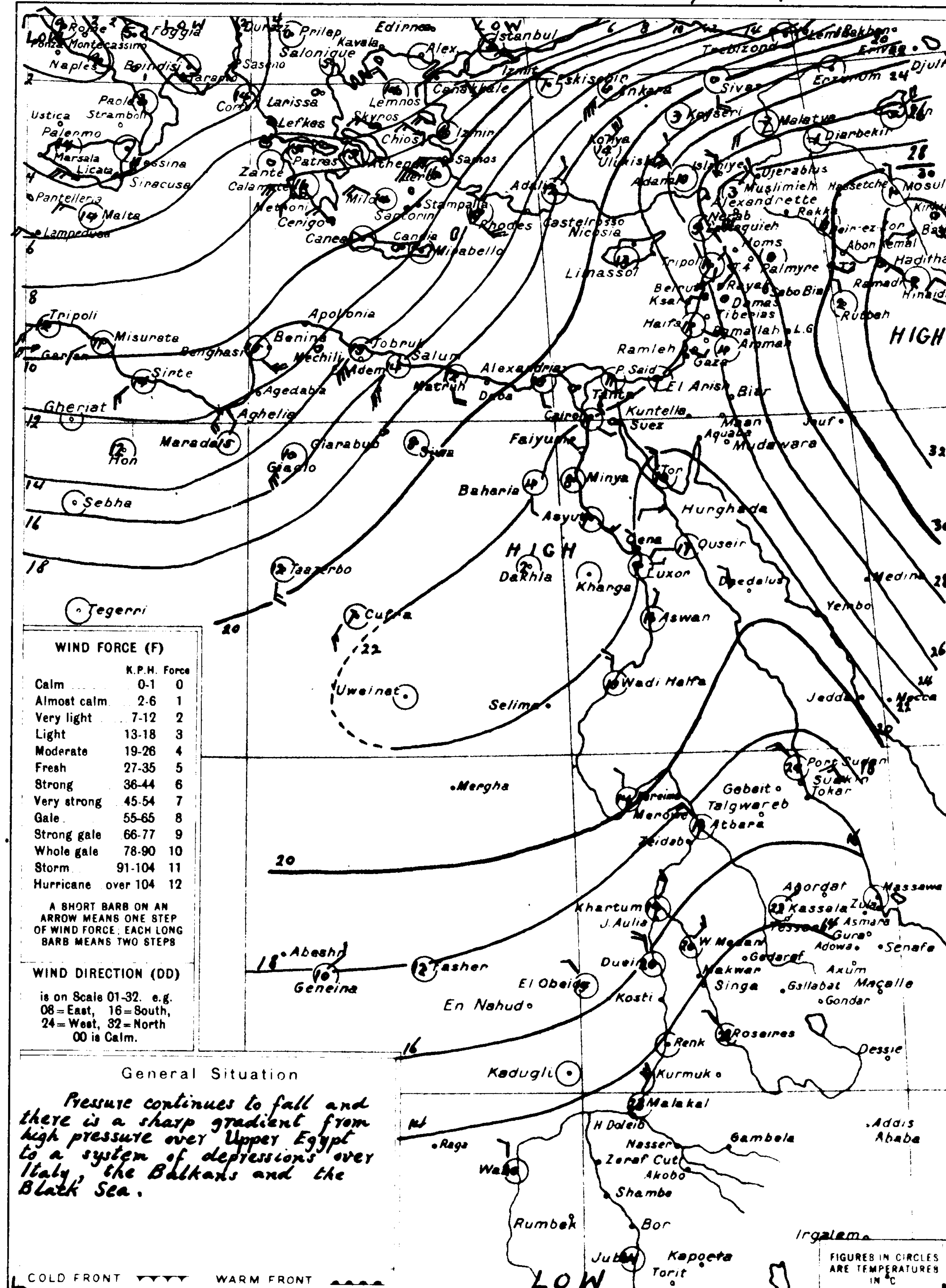
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
27.12	1389	1157
26.12	1389	1158

GAUGE	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25.12	11.59	-1.85	11.63	-1.82
Nasser	26.12	6.46	-1.76	6.65	-1.65
Malakal	27.12	11.46	-0.42	11.50	-0.40
Roseires	27.12	12.90	+0.32	12.91	+0.31
Sennâr Res	26.12	20.72	—	20.70	—
J. Aulia U.S	26.12	375.57	—	375.60	—
J. Aulia D.S	26.12	371.90	-0.30	371.93	-0.28
Khartum	26.12	11.15	-0.26	11.17	-0.26
Kh. el Girba	—	—	—	—	—
'Atbara	26.12	10.79	-0.19	10.77	-0.17
Kajnarti	26.12	134.10	-0.30	134.15	-0.27
Aswân Res.	27.12	120.95	—	120.93	—
Aswân D.S	27.12	86.40	+0.21	86.40	+0.21
Rôda (Cairo)	27.12	14.89	-0.18	14.89	-0.23

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

١٩٣٩-١٢-٢٧ Isobars, Wind and Temperature at 8 h. 27-12-1939



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 continues to fall and there is a sharp gradient from high pressure over Upper Egypt to a system of depressions over Italy, the Balkans and the Black Sea.

STATION	At 8 h on 27th: 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	03	6	00	0	6	8	—	20.2	+2.6	13	—	—	—	—	—	tr.	142	184
Haifa	02	—	10	3	—	4	—	22.3	+5.9	10.9	18	-1	8	-1	62	0	169	276
Kharga 26th	00	8	32	1	0	0	—	—	—	8.0	20	-4	3	-4	59	0	0	tr.
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

DAILY WEATHER REPORT

Month DECEMBER 1939 شهر ديسمبر ١٩٣٩

At 14 h on 27th الساعة ١٤ يوم ٢٧

Station	ww	V	DD	F	W	N	C	PPP	TTT	UU
SALÛM	12	6	16	8	2	5	Ac	11.6	22.3	28
MATRÛH	06	6	16	4	1	5	As	16.0	21.2	—
DIKHEILA	01	8	16	3	1	4	Ci	19.0	20.0	55
ALEXANDRIA	02	9	16	3	2	4	Ac	18.2	19.2	29
DAMIETTA										
PORT SAÎD	00	7	22	3	1	0	—	19.0	18.4	63
EL 'ARÎSH	01	9	28	2	1	3	Ci	19.9	18.1	30
DAMANHÛR										
MANSÛRA										
TANTA	01	8	16	4	1	3	Cc	19.0	20.0	43
ZAGÂZIG	00	9	20	1	0	0	—	19.2	21.4	69
CAIRO ALMÂZA	00	8	20	4	0	1	Ac	19.5	19.8	30
CAIRO EZBEKIYA	01	8	16	1	0	2	Ac	19.4	20.1	30
CAIRO GIZA	01	8	16	4	0	2	Cc	19.5	20.6	25
HELWÂN	00	8	18	1	0	1	Ci	17.6	18.3	27
SUEZ	00	7	16	1	0	0	—	19.4	19.6	52
FAIYÛM	00	9	14	1	0	0	—	19.8	20.5	33
MINYA	00	7	30	1	0	0	—	19.4	21.7	33
ASYUT	00	8	12	3	0	0	—	19.1	21.0	34
QENA	00	8	20	1	0	0	—	17.0	23.8	35
LUXOR	00	9	32	1	0	0	—	19.4	22.4	43
ASWAN	00	7	28	3	0	0	—	17.6	22.0	30
SIWA	00	8	00	0	0	0	—	17.5	25.0	50
BAHARIYA	00	9	16	1	0	0	—	18.6	20.1	26
KHARGA	00	8	08	1	0	0	...	18.7	19.2	36
DAKHLA	00	8	08	1	0	0	—	17.6	21.0	27
TOR	00	7	28	2	0	0	—	18.8	22.0	47
HURGHÂDA	00	9	06	2	0	0	—	18.8	22.2	54
QUSEIR	00	7	32	2	0	0	—	19.8	22.3	67
PORT SUDAN	01	7	02	3	1	3	—	14	27	55
WÂDI HALFA	01	8	32	4	0	3	Ac	16.7	23	26
KAREIMA	01	8	04	2	0	2	Ac	15.7	27	22
'ATBARA	00	8	32	3	0	0	—	13	29	35
KHARTÛM	00	8	30	2	0	0	—	11.6	33	27
KASSALA	00	8	02	3	0	0	—	8.9	33	26
WAD MEDANI	01	—	04	2	0	3	—	10	32	25
DUEIM	00	8	04	2	0	0	—	12	31	35
RENK	00	7	27	3	0	0	—	8.6	33	31
ROSEIRES	01	—	22	1	0	3	—	8	36	25
EL OBEID	00	8	32	2	0	0	—	10.7	28	29
EL FASHER	01	9	06	2	0	3	—	—	27	10
GENEINA	03	8	28	2	1	5	Ac		30	[illegible]
KADUGLI	01	7	04	5	0	2	—	8.4	33	21
MALAKÂL	02	8	04	3	1	5	Ac	7.4	34	20
WAU										
JUBA	00	8	10	4	0	0	—	6.7	34	33

At 8 h on THURSDAY 28th الخميس ٢٨ الساعة ٨ يوم

Station	ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs)	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALÛM	00	7	26	5	0	0	—	15.1	-3.0	10.0	23	—	9	—	88	0	35	—	130
MATRÛH	00	8	18	3	0	0	—	15.9	-2.7	14.0	22	+3	11	+2	84	0	69	68	131
DIKHEILA	00	8	16	2	0	1	Ac	17.8	—	12.2	20	—	9	—	44	0	22	—	150
ALEXANDRIA	00	9	14	2	0	0	—	17.0	-2.0	12.0	20	+1	10	-1	40	0	15	90	132
DAMIETTA	00	8	14	2	0	0	—	18.2	—	11.7	20	—	7	—	56	0	19	39	159
PORT SAÎD	00	7	18	3	1	0	—	18.3	+0.9	13.5	20	+1	10	-1	69	0	17	30	134
EL 'ARÎSH	00	9	00	0	0	0	—	19.2	—	10.1	22	—	7	—	61	0	42	31	135
DAMANHÛR	01	7	16	2	1	2	Cu	18.0	-0.5	9.3	21	0	8	0	60	0	3	36	136
MANSÛRA	00	8	16	2	0	0	—	18.4	—	10.0	20	-1	6	-2	56	0	11	15	137
TANTA	00	8	20	4	0	0	—	18.0	-1.0	11.5	22	+1	8	0	53	0	2	13	138
ZAGÂZIG	00	7	10	1	0	0	—	19.2	—	10.3	21	0	5	-2	58	0	dr	10	139
CAIRO ALMÂZA	00	8	16	5	0	0	—	19.0	—	14.4	20	—	8	—	34	0	4	—	141
CAIRO EZBEKIYA	00	6	16	4	0	0	—	19.2	+0.2	10.5	21	+1	8	+1	46	0	1	8	—
CAIRO GIZA	00	7	16	2	0	0	—	19.6	-0.3	9.8	21	+1	5	-2	52	0	1	9	—
HELWÂN	00	6	12	1	0	0	—	20.2	+1.6	10.9	19	0	8	0	33	0	7	8	143
SUEZ	00	8	12	2	0	0	—	19.4	+0.5	15.2	20	0	8	-2	65	0	44	9	144
FAIYÛM	00	9	14	1	0	0	—	20.3	+0.9	9.0	22	+1	5	-2	49	0	7	3	153
MINYA	09	5	32	1	0	0	—	20.8	+0.9	10.0	22	+2	7	0	58	0	tr	—	154
ASYUT	00	6	12	3	0	0	—	21.1	+0.7	9.2	23	+3	6	-1	56	0	3	3	155
QENA	00	7	30	2	0	0	—	21.0	+1.8	9.2	25	+2	6	-2	48	0	1	—	156
LUXOR	00	9	10	1	0	0	—	22.2	—	7.0	24	—	4	—	74	0	9	—	157
ASWAN	00	7	04	1	0	0	—	20.2	+1.1	13.4	23	-1	9	-1	50	0	dr	—	158
SIWA	00	8	00	0	0	0	—	17.2	-2.6	8.0	25	+6	3	-1	65	0	1	4	148
BAHARIYA	00	9	16	1	0	0	—	20.7	—	—	22	—	3	—	50	0	0	—	149
KHARGA	00	8	00	0	0	0	—	21.2	+1.9	7.8	20	-3	3	-4	67	0	0	tr	151
DAKHLA	00	7	08	1	0	0	—	22.7	+2.4	8.5	24	+2	-1	-7	70	0	0	—	152
TOR	00	6	32	3	0	0	—	19.0	+0.9	12.0	23	+2	7	-2	40	0	20	8	145
HURGHÂDA	00	9	24	2	0	0	—	20.0	+2.0	15.5	22	-1	9	-2	57	0	43	-	146
QUSEIR	00	5	28	2	0	0	—	20.4	+2.8	17.0	22	-2	14	-1	75	0	2	6	147
PORT SUDAN	02	7	30	3	2	5	Cu	17.9	+2.4	25.0	29	+2	23	+3	68	0	51	87	169
WÂDI HALFA	00	8	32	2	0	0	—	20.7	+1.5	9.2	23	-1	4	-4	50	—		—	165
KAREIMA	01	8	02	2	0	4	Cc	20.0	+3.2	15.0	27	-3	10	-3	32	0	Tr	1	166
'ATBARA	02	8	32	3	0	6	Ci	17.5	+2.6	17.8	30	-1	15	+1	42	0	1	1	167
KHARTÛM	02	8	04	3	1	5	Cs	15.8	+2.5	19.4	34	+2	16	0	40	0	24	5	168
KASSALA	01	7	04	1	1	4	Ci	14.5	+1.8	20.6	33	-1	16	0	74	0	7	11	170
WAD MEDANI	02	—	04	3	0	2	—	15.6	+2.3	21.0	33	-1	16	0	31	0	44	13	171
DUEIM	02	8	03	3	2	8	Ci	17.4	+3.9	20.4	33	-1	17	+3	42	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	26	1	0	0	..	13.6	+1.5	22.9	37	+1	18	+2	40	0	72	37	172
EL OBEID	03	8	30	1	1	1	Cs	17.2	+1.4	15.2	29	-1	13	+2	40	0	20	19	174
EL FASHER	03	8	04	2	1	8	Cs	—	—	11.7	29	-2	8	-2	34	0	4	8	175
GENEINA	03	8	06	2	1	6	Ac	—	—	11.6	33	—	9	—	24	0	19	—	179
KADUGLI																		—	187
MALAKÂL	03	8	04	3	1	8	Ac, Cu	12.4	+0.9	24.1	36	0	21	+4	28	0	75	93	176
WAU	00	—	32	2	0	0	—	11.9	+0.7	23.0	35	-1	18	+1	31	0	106	146	177
JUBA	01	8	02	2	0	2	Ac	12.1	+1.0	26.2	36	-1	21	+1	50	0	214	140	178

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

UPPER WINDS ON 28th ٢٨ الرياح العليا يوم

SALÛM	MATRÛH	R.AMID	CAIRO	HELWÂN	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JUBA	Geneina
7 h	7 h	8 h			7 h	7 h	5 h	5 h	7 h	7 h	3 h	4 h	9 h	8 h
02.17.30	02.27.30	02.21.40			02.16.20	05.05.25	03.04.15	06.03.25	06.02.50	06.13.05	07.36.35	06.01.75	06.07.25	10.05.35
05.28.—	05.28.35	05.22.35			05.18.15	10.07.15	06.03.25	10.02.10	10.03.25	10.10.15	10.05.45	10.03.60	10.10.45	15.06.30
10.27.20	10.26.35	10.24.35			10.20.15	15.06.02	10.02.15	15.02.05	15.05.05	15.06.15	15.02.35	15.02.25	15.12.50	20.02.05
13.25.30	15.25.45	15.26.35			15.27.15		15.07.10	20.29.15	20.30.20	20.02.05	20.23.15	20.07.10	20.13.35	30.25.35
14.25.50		20.26.25			20.27.20		20.05.05	25.28.15	25.24.40	30.26.25	30.23.20	25.10.15	30.17.20	40.31.05
15.25.60		22.26.35					25.36.15		30.25.25	40.24.35	33.24.20	30.06.15	40.19.25	49.30.15
20.26.75							30.29.05		31.21.15	43.29.25		36.09.10	50.21.20	
25.25.65							33.27.20							
26.24.65														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

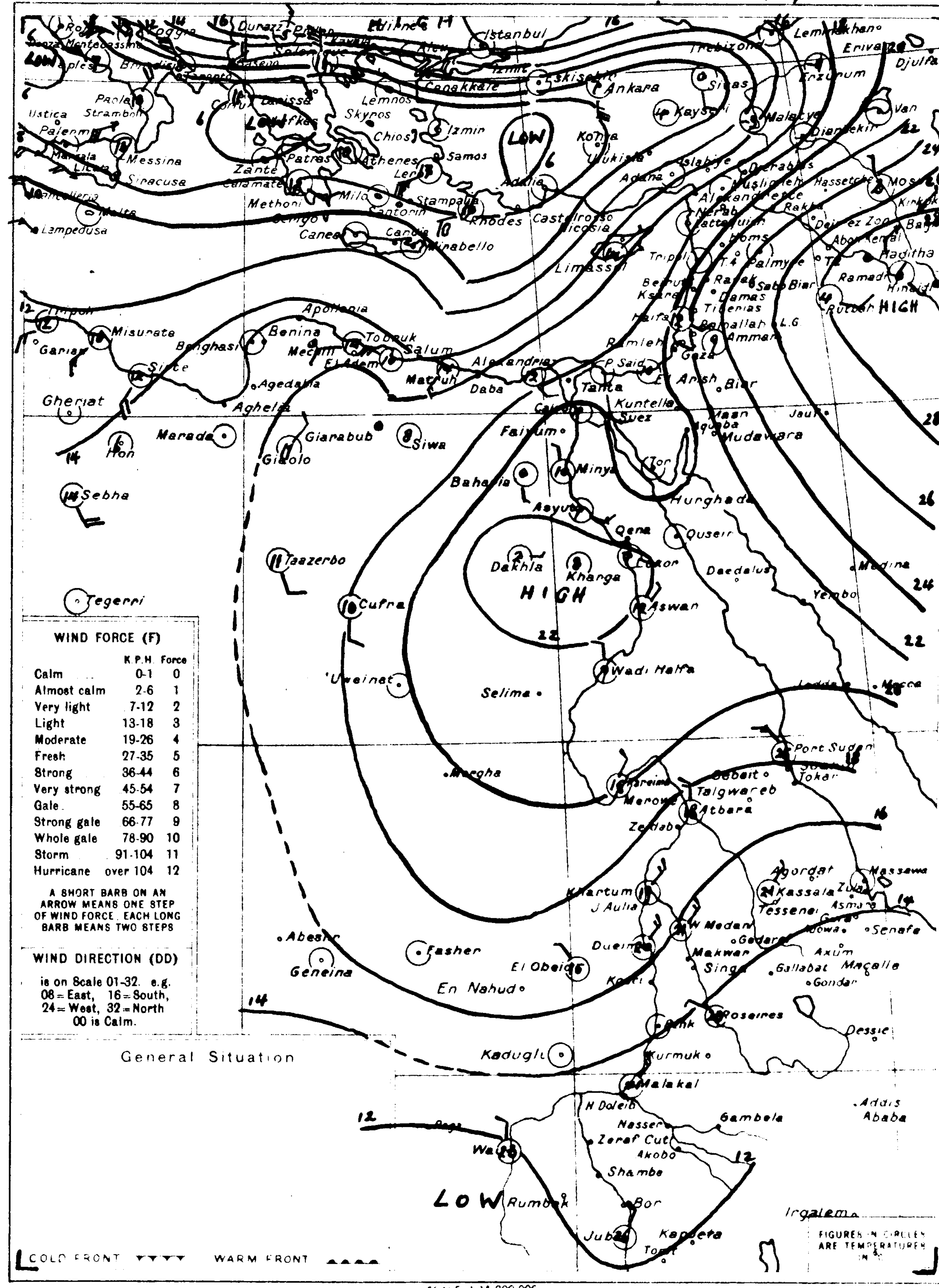
Station	Mean of day Humidity on 27th	Diff. from normal	Wet bulb temp. on 27th	Diff. from normal
Alexandria	45	-20	9.2	-2.5
Ezbekiya	51	-20	[illegible]	-2.0
Giza	62	-14	7.8	-2.1
Helwan	29	-31	7.9	-1.6
Giza Grass minimum	28th	1.0		

Discharges at Aswan measured in cubic metres per sec.

Date	1939	1938
28-12	1414	1216
27-12	1319	1157

Gauge	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	27-12	13.19	-0.24	13.19	-0.25
Nasser	28-12	6.41	-1.55	6.50	-1.61
Malaka	28-12	11.38	-0.41	11.46	-0.42
Roseires	28-12	12.88	+0.32	12.90	+0.32
Sennar Res	27-12	20.73	—	20.72	—
J. Aulia U.S	28-12	375.66	—	375.63	—
J. Aulia D.S	28-12	371.86	-0.32	371.87	-0.32
Khartum	28-12	11.07	-0.29	11.11	-0.27
Khashm el Girba					
Atbara	28-12	10.71	-0.20	10.72	-0.20
Kajnart	28-12	134.04	-0.28	134.06	-0.31
Aswân Res	28-12	120.96	—	120.95	—
Aswân D.S	28-12	86.44	+0.25	86.40	+0.21
Rôda (Cairo)	27-12	14.89	-0.18	14.89	-0.23

١٩٣٩-١٢-٢٨ Isobars, Wind and Temperature at 8 h. 28-12-1939



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

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

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

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 28th ٢٨ الساعة ٨ يوم

Station محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	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	03	6	04	1	2	8	—	17.0	-0.6	14	—	—	—	—	—	0	142	187
Haifa	01	—	10	3	—	3	—	20.0	+3.6	11.6	18	-1	10	+1	56	0	169	283
Kharga 27th	00	8	00	0	0	0	—	22.6	+3.3	8.4	18	-5	3	-4	61	0	0	tr.

SHIPS سفن

Remarks

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

Printed by the Survey & Mines Dept. 1938-36-5567

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

CAIRO

Time of Sunrise 06 h. 49 m
" " Sunset 17 h. 04 m

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

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

STATION	14h on 28 ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on FRIDAY 29th 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
MEDITERRANEAN SALŪM	01	8	32	1	0	3	Ac.	13.9	21.1	63	02	6	18	7	1	4	Ac.	9.1	-9.0	16.4	22	—	9	—	38	0	35	—	130
MATRŪH	01	8	32	2	0	2	Ac.	15.0	19.5	78	30	3	16	5	3	2	Ac	12.0	-6.6	18.9	21	+3	11	+2	47	0	69	70	131
DIKHEILA	00	8	20	3	0	1	Ci	—	22.4	40	01	8	00	0	0	2	Ac.	16.3	—	12.9	23	—	9	—	54	0	22	—	150
ALEXANDRIA	00	9	22	2	0	0	—	15.9	21.5	34	00	9	16	1	0	0	—	15.0	-4.0	13.0	22	+3	11	+1	43	0	15	91	132
DAMIETTA											00	8	14	2	0	0	—	16.4	—	13.2	22	—	9	—	76	0	19	39	159
PORT SAĪD	00	7	20	3	0	0	—	16.6	22.3	38	00	8	18	3	0	0	—	16.7	-0.7	16.1	23	+4	13	+2	55	0	17	30	134
EL 'ARISH	00	9	00	0	0	0	—	17.8	25.2	27	00	9	14	1	0	0	—	17.4	—	11.0	26	—	8	—	44	0	42	31	135
LOWER EGYPT DAMANHŪR											01	7	10	3	1	2	Cu	15.9	-2.6	10.8	26	+5	9	+1	56	0	3	37	136
MANṢURA											00	8	16	2	0	0	—	16.4	—	10.6	22	+1	7	-1	58	0	11	15	137
TANTA	00	8	16	5	0	0	—	16.3	24.0	26	00	8	16	4	0	0	—	16.3	-2.8	14.5	25	+5	11	+3	34	0	2	13	138
ZAGĀZIG	00	9	20	4	0	0	—	17.0	22.4	37	00	8	18	1	0	0	—	14.8	—	12.9	22	+1	7	0	55	0	dr.	10	139
MIDDLE EGYPT CAIRO ALMĀZA	00	8	18	5	0	1	Ci	17.5	22.3	28	00	8	20	2	0	0	—	16.8	—	13.7	23	—	11	—	26	0	4	—	141
CAIRO EZBEKIYA	00	8	1?	2	0	0	—	17.0	22.1	21	00	6	16	4	0	0	—	17.4	-1.6	12.5	23	+4	10	+3	34	0	1	9	—
CAIRO GĪZA	00	8	18	3	0	0	—	17.2	22.9	19	00	8	14	3	0	0	—	17.2	-2.7	11.7	24	+4	9	+3	45	0	1	10	—
HELWĀN	00	7	16	3	0	0	—	17.8	20.8	21	00	6	00	0	0	0	—	17.8	-0.8	14.4	22	+4	12	+4	19	0	7	9	143
SUEZ	00	9	16	1	0	0	—	17.5	20.6	59	00	9	10	1	0	0	—	17.5	-1.3	16.0	22	+2	12	+2	50	0	44	9	144
UPPER EGYPT FAIYUM	00	9	14	2	0	0	—	18.0	22.9	25	00	9	14	2	0	0	—	18.6	-0.9	12.5	24	+3	7	0	35	0	7	4	153
MINYA	00	8	24	2	0	0	—	18.2	22.3	34	09	5	02	1	0	0	—	17.9	-2.1	11.3	23	+3	7	0	57	0	tr.	—	154
ASYUT	00	8	06	3	0	0	—	18.3	23.0	32	00	7	12	3	0	0	—	18.3	-2.1	10.5	25	+5	6	-1	51	0	3	3	155
QENA	00	8	22	1	0	0	—	17.9	25.0	3?	00	7	26	1	0	0	—	19.1	-0.1	9.8	27	+4	6	-2	44	0	1	—	156
LUXOR	00	9	30	1	0	0	—	18.4	23.8	35	00	9	06	2	0	0	—	19.5	—	9.5	25	—	4	—	79	0	9	—	157
ASWAN	00	7	30	1	0	0	—	17.8	24.4	24	00	7	02	1	0	0	—	17.9	-1.2	14.0	26	+2	11	+1	47	0	dr.	—	158
WESTERN DESERT SIWA	00	8	00	0	0	0	—	17.4	23.0	39	00	8	00	0	0	0	—	13.9	-5.9	10.8	26	+7	4	0	54	0	1	5	148
BAHARIYA	00	9	24	2	0	0	—	17.2	21.2	32	00	9	16	1	0	0	—	18.7	—	10.8	—	—	4	—	35	0	0	—	149
KHARGA	00	8	08	1	0	0	—	18.4	20.3	37	00	8	00	0	0	0	—	18.4	-0.9	9.2	22	-1	3	-4	65	0	0	tr.	151
DAKHLA	00	8	08	1	0	0	—	19.0	23.0	20	00	7	00	0	0	0	—	19.8	-0.5	3.3	25	+3	2	-3	46	0	0	—	152
RED SEA TOR	00	7	28	2	0	0	—	17.2	23.8	47	00	6	32	3	0	0	—	17.9	-0.3	10.5	24	+3	8	-1	51	0	20	8	145
HURGHADA	00	9	22	2	0	0	—	17.6	22.5	63	00	7	24	2	0	0	—	18.0	-0.1	14.6	26	+3	9	-2	49	0	43	—	146
QUSEIR	00	4	04	1	0	0	—	18.3	23.2	81	00	6	26	2	0	0	—	20.0	+2.4	19.2	—	—	—	—	61	0	2	6	147
PORT SUDAN											02	7	30	3	1	5	Sc.	15.2	-0.3	25.0	29	+2	23	+3	82	0	51	88	169
NORTH SUDAN WADI HALFA											01	8	32	2	1	3	Ci,Ac	17.9	-1.3	10.2	25	+1	6	-2	51	—	—	—	165
KAREIMA											01	8	32	1	0	3	Ci	17.7	+0.9	16.9	28	-2	10	-3	44	0	dr.	1	166
ATBARA											01	8	32	2	0	4	Ci	14.8	-0.1	19.5	30	-1	16	+2	46	0	1	1	167
KHARTUM											02	8	02	2	1	5	Cs.	16.6	+2.3	17.4	33	+1	16	0	44	0	24	5	168
KASSALA											02	7	32	1	1	5	Cs.	12.5	-0.2	21.4	35	+1	16	0	74	0	7	11	170
CENTRAL SUDAN WAD MEDANI											01	—	00	0	0	3	—	14.4	+1.1	18.9	33	-1	12	-4	31	0	44	13	171
DUEIM											03	8	03	3	2	8	Ci	15.9	+2.4	21.4	32	-2	16	-2	36	0	17	12	173
RENK																													182
ROSEIRES											00	—	18	1	0	0	—	12.2	+0.3	23.7	38	+2	17	+1	35	0	72	37	172
EL OBEID											03	8	30	2	1	6	Ci	15.5	-0.3	16.1	30	0	13	+2	26	0	20	19	174
EL FASHER											03	8	00	0	1	6	Ci	—	—	14.2	30	-1	8	-2	21	0	4	8	175
GENEINA											03	8	04	2	1	6	Ac	—	—	13.0	33	—	10	—	17	0	19	—	179
KADUGLI																													187
S. SUDAN MALAKAL											02	8	04	4	1	5	Fc,Ac.	11.6	0.0	24.0	36	0	20	+3	27	0	75	93	176
WAU											00	—	32	2	0	0	—	10.4	-0.8	23.0	36	0	19	+2	38	0	106	146	177
JUBA											00	8	00	0	0	0	—	10.1	-1.0	26.8	39	+2	22	+2	51	0	214	140	178

UPPER WINDS ON 29th الرياح العليا يوم ٢٩

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

SALŪM 7 h	MATRŪH	DIKHEILA	CAIRO	P. SAID 9 h	ASYŪT	ASWĀN	WĀDI HALFA 7 h	KAREIMA 5 h	KHARTŪM 6 h	KASSALA 6 h	EL OBEID 7 h	MALAKAL 7 h	JUBA 6 h	Geneina 7 h
02 21 55				02 19 25			03 03 20	06 04 40	06 01 35	06 02 05	07 02 30	06 03 65	06 09 20	10.05.25
05 23 —				05 19 20			07 05 30	10 03 25	10 02 30	10 03 20	10 05 25	10 03 60	10 12 50	15.19.05
07 23 60				10 19 35			10 08 25	15 04 05	15 06 15	15 04 15	15 01 20	15 04 35	15 13 55	20.22.20
				15 20 25			15 15 15		20 27 15	20 25 20	20 30 20	20 06 25	20 15 45	30.27.25
				20 20 25			20 05 15		25 28 25	30 25 15	30 15 10	25 06 25	30 16 45	40.28.45
				25 21 35			25 05 10		30 26 35	40 23 25		30 07 15	40 20 30	
				26 22 35			30 05 05					40 13 30	50 19 30	
							40 26 25					48 13 30		
							50 27 30							
							60 28 50							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 28th	Diff. from normal	Wet Bulb Temp. °C on 28th	Diff. from normal
Alexandria	40	-25	10.9	-0.7
Ezbekiya	31	-40	9.4	-1.4
Giza	44	-32	9.4	-1.5
Helwān	23	-37	8.7	-0.8

Giza Grass minimum on 29th 4.0 °C

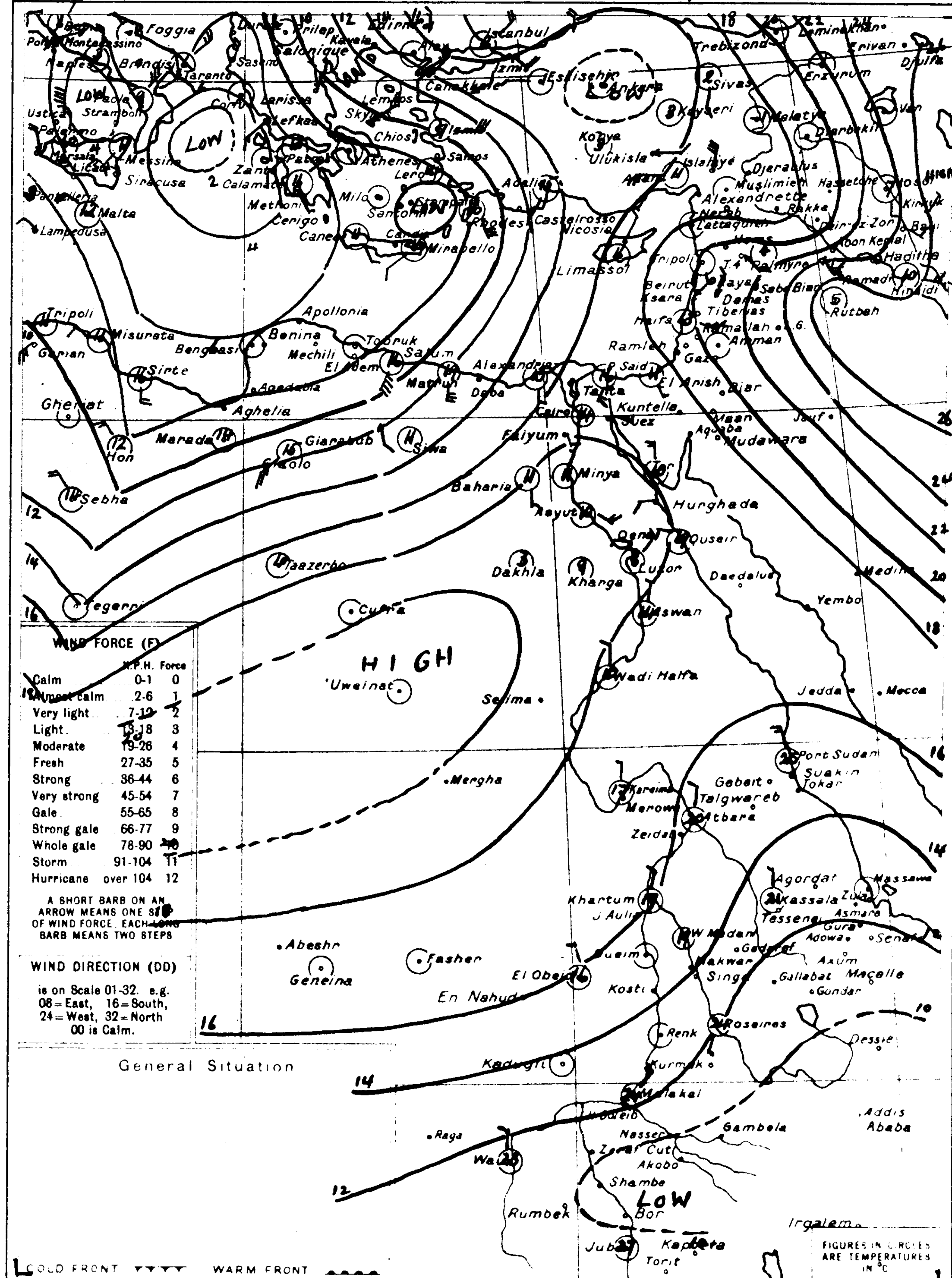
Discharges at Aswan measured by sluices m³ per sec

DATE	1939	1938
29.12	1414	1216
28.12	1414	1216

GAUGE	Date 1939	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	29.12	13.19	-0.23	13.19	-0.23
Nāsser	29.12	6.39	-1.48	6.44	-1.55
Malakal	29.12	11.32	-0.50	11.38	-0.48
Roseires	29.12	12.86	+0.33	12.88	+0.32
Sennār Res	27.12	20.73	—	20.72	—
J. Aulia U S	29.12	375.70	—	375.66	—
J. Aulia D S	29.12	371.83	-0.34	371.86	-0.32
Khartum	29.12	11.04	-0.30	11.07	-0.29
Kh. el Girba					
Atbara	29.12	10.70	-0.20	10.71	-0.20
Kajnarti	29.12	134.02	-0.28	134.04	-0.28
Aswān Res	29.12	120.97	—	120.96	—
Aswān D S	29.12	86.44	+0.25	86.44	+0.25
Rōda (Cairo)	27.12	14.89	-0.18	14.89	-0.23

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

Isobars, Wind and Temperature at 8 h. 29-12-39 ٢٩-١٢-٣٩



SCALE 1:15 000 000

STATION	At 8 h on 29th ٢٩ ww Present Weather	V Visibility	DD Wind Dir.	F Force	W Past Weather	N Cloud Amount	C Form	PPP Bar. 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	03	6	02	2	2	8	—	16.3	-13	16	—	—	—	—	—	tr.	142	191
Haifa	01	—	10	3	—	4	—	19.0	+2.6	13.4	19	0	11	+2	46	0	169	289
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 50 m
,, ,, Sunset 17 h 05 m

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 29th — الساعة ١٤ يوم ٢٩ — At 8 h. on SATURDAY 30th — الساعة ٨ يوم السبت 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 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																													
SALÛM	12	4	16	8	2	4	Sc.	5.8	25.8	35	00	7	26	4	0	0	—	12.2	-6.0	9.9	26	—	10	—	92	0	35	—	130
MATRUH	33	3	18	6	3	3	Ac.	8.4	26.7	45	00	9	20	3	0	0	—	12.6	-6.4	19.5	27	+8	13	+4	49	0	69	71	131
DIKHEILA	00	7	18	5	0	1	As.	—	27.1	21	00	7	21	3	1	1	Ac.	—	—	14.4	27	—	12	—	31	0	22	—	150
ALEXANDRIA	00	9	16	4	0	0	—	12.2	27.0	12	00	9	20	4	0	0	—	12.3	-6.7	16.3	27	+8	12	+2	29	0	15	93	132
DAMIETTA											02	8	18	2	2	5	Ac.	13.3	—	14.7	25	—	12	—	57	0	19	40	159
PORT SAÎD	01	8	20	2	1	3	Ci.	14.0	22.0	43	02	6	18	4	1	4	Cc.	13.3	-4.1	17.8	26	+8	13	+2	60	0	17	31	134
EL 'ARÎSH	00	9	02	2	0	1	Ci.	14.7	22.5	27	02	9	14	1	1	4	Cc.	14.0	—	15.2	28	—	10	—	56	0	42	32	135
Lower Egypt																													
DAMANHÛR											01	7	16	3	1	3	Ci.	—	—	13.4	28	+7	11	+3	35	0	3	38	136
MANŞÛRA											01	6	20	2	1	4	Sc.	13.0	—	12.9	24	+3	9	+1	54	0	11	16	137
ŢANŢA	00	8	18	4	0	0	—	15.0	26.0	24	00	8	00	0	0	0	—	13.9	-5.2	13.0	27	+7	12	+4	45	0	2	14	138
ZAGAZIG	00	9	20	3	0	0	—	14.0	25.4	29	00	8	20	1	0	3	Cc.	13.8	—	12.9	26	+5	7	0	58	0	dr.	10	139
Middle Egypt																													
CAIRO ALMAZA	00	8	16	5	0	0	—	14.2	24.8	23	01	8	16	6	1	3	Ac.	14.0	—	18.8	25	—	15	—	34	0	4	—	141
CAIRO EZBEKIYA	00	8	16	2	0	0	—	13.9	24.4	20	01	7	16	4	1	4	Ac.	14.3	-4.7	14.0	25	+6	12	+5	32	0	1	9	—
CAIRO GIZA	00	9	14	3	0	0	—	14.2	25.4	18	01	8	14	4	1	3	Ac.	14.4	-5.5	12.3	26	+6	9	+3	40	0	1	10	—
HELWÂN	00	7	16	2	0	0	—	14.0	22.7	17	01	7	14	2	0	2	Ac.	15.1	-3.5	13.4	23	+5	12	+4	27	0	7	9	143
SUEZ	00	9	16	2	0	0	—	14.4	22.3	21	01	8	12	2	1	4	As.	14.3	-4.5	16.4	23	+3	13	+3	68	0	44	9	144
Upper Egypt																													
FAIYUM	00	9	14	3	0	0	—	12.8	25.0	17	00	9	14	2	0	0	—	15.8	-3.7	11.7	27	+6	—	—	47	0	7	4	153
MINYA	00	9	24	2	0	0	—	15.0	23.8	27	09	5	32	1	0	0	—	16.2	-3.9	12.4	25	+5	9	+2	61	0	tr.	—	154
ASYÛT	00	8	10	3	0	0	—	16.6	22.7	36	00	7	12	3	0	0	—	16.4	-4.0	11.7	24	+4	7	+1	68	0	3	3	155
QENA	00	8	26	1	0	0	—	15.0	27.8	31	00	7	02	1	0	0	—	16.7	-2.5	13.5	30	+7	9	+1	55	0	1	—	156
LUXOR	00	9	26	1	0	0	—	14.8	27.5	38	00	9	02	1	0	0	—	17.1	—	11.0	28	—	7	—	75	0	9	—	157
ASWAN	01	7	30	2	1	3	Ci.	13.4	26.4	31	01	7	00	0	1	4	Ci.	16.6	-2.5	16.4	27	+3	13	+3	52	0	dr.	—	158
Western Desert																													
SIWA											00	0	00	0	0	0	—	15.6	-4.2	11.5	29	+10	6	+2	58	0	1	5	148
BAHARIYA	18	5	16	6	2	0	—	13.3	25.6	16	00	9	16	1	0	0	—	14.8	—	13.2	27	—	6	—	26	0	0	—	149
KHARGA	00	8	00	0	0	0	—	18.2	21.2	25																		tr.	151
DAKHLA	01	8	00	0	0	4	Ci.	16.7	23.0	20	01	7	12	1	1	4	Ci.	18.3	-2.0	5.5	25	+3	3	-2	40	0	0	—	152
Red Sea																													
TOR	00	7	28	2	0	0	—	14.3	25.5	36	00	6	32	2	0	1	Ci.	15.4	-2.8	18.2	26	+5	11	+2	64	0	20	8	145
HURGHADA	00	9	04	2	0	0	—	—	24.6	61	00	9	22	2	0	0	—	15.6	-2.5	17.7	26	+3	12	+1	59	0	43	—	146
QUSEIR	00	8	32	2	0	0	—	15.5	22.7	78	01	4	24	1	1	4	Ac.	—	—	19.0	24	+1	18	+3	81	0	2	6	147
PORT SUDAN											01	6	28	2	5	4	Sc.	14.3	-1.2	27.0	—	—	24	+4	84	tr.	51	89	169
North Sudan																													
WADI HALFA											02	8	26	2	1	5	Ac.	16.9	-2.3	11.8	28	+4	8	0	44	—	—	—	165
KAREIMA											00	8	30	2	0	0	—	17.5	+0.7	14.2	30	0	11	-1	39	0	dr.	1	166
ATBARA											00	8	30	2	0	0	—	14.8	-0.1	20.0	31	0	16	+2	40	0	1	1	167
KHARTUM											01	8	02	2	1	2	Ci.	15.1	+0.8	19.0	34	+2	15	-1	40	0	24	5	168
KASSALA											00	7	32	1	0	0	—	12.9	+0.2	22.1	37	+3	15	-1	59	0	7	11	170
Central Sudan																													
WAD MEDANI											00	—	02	3	0	0	—	13.6	+0.2	21.4	34	0	13	-3	24	0	44	13	171
DUEIM											00	8	29	3	0	0	—	14.8	+1.4	20.2	34	0	15	+1	40	0	17	12	173
RENK																												—	182
ROSEIRES											00	—	30	1	0	0	—	12.6	+0.7	23.4	38	+2	17	+1	40	0	72	37	172
EL OBEID											01	8	28	1	1	3	Ci.	14.3	-1.5	17.7	31	+1	14	+3	22	0	20	19	174
EL FASHER											00	8	02	1	0	0	—	—	—	12.5	31	0	10	0	46	0	4	8	175
GENEINA											01	8	04	2	1	3	Cs.	—	—	13.0	35	—	11	—	36	0	19	—	179
KADUGLI																												—	187
S. Sudan																													
MALAKAL											01	8	04	3	1	4	Ac, Ci	11.4	-0.2	23.7	36	0	20	+3	51	0	75	93	176
WAU											03	—	32	1	0	6	—	10.8	-0.4	22.6	37	+1	19	+2	50	0	106	146	177
JUBA											00	8	00	0	1	0	—	10.9	-0.1	27.7	39	+2	22	+2	52	0	214	140	178

UPPER WINDS ON 30th

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

SALÛM 7h	MATRUH 7h	RASHID 8h	CAIRO h	HELWAN 8h 30	ASYUT 7h	ASWAN 7h	WADI HALFA 5h	KAREIMA 4h	KHARTUM 7h	KASSALA 7h	EL OBEID 3h	MALAKAL 3h	JUBA 7h	GENEINA 7h
02 29 30	02 28 35	02 20 55		02 17 15	02 10 30	02 02 10	03 36 20	06 35 15	06 35 35	06 05 10	07 01 35	06 01 50	06 14 15	10 05 25
05 28 —	05 28 40	05 22 60		05 20 40	05 18 20	05 04 15	06 03 30	10 02 05	10 36 15	10 02 20	10 04 15	10 02 50	10 11 30	15 34 10
10 27 30	[illegible]	10 24 35		08 21 45	10 20 20	10 14 15	10 07 10	15 16 05	15 30 05	15 36 15	15 34 30	15 03 25	15 12 45	20 23 20
15 27 55	15 26 55	15 25 35		10 20 50	15 17 3[illegible]	15 15 15	15 16 20	20 36 05	20 29 30	20 31 35	20 30 30	20 05 20	20 13 40	30 30 20
20 26 65		20 25 35		15 23 50	20 27 25	20 22 —	20 27 20		30 26 50	30 27 15	30 24 20	25 07 10	30 13 50	40 29 10
25 25 55				20 25 35			25 28 15		33 28 40	40 29 05	30 22 20		40 15 35	50 29 25
26 25 55				23 25 50			30 24 30			50 13 05			43 15 45	53 29 30
							37 24 25							

Forecast for 24 hours from noon on 30th

On the coast fresh to strong winds between west and northwest.
Inland moderate winds between south and west; fresh at times.
Mainly clear at first, some medium and low cloud tomorrow. Probability of rain in the north late tomorrow.
Further outlook: Cooler

٣٠
[illegible]

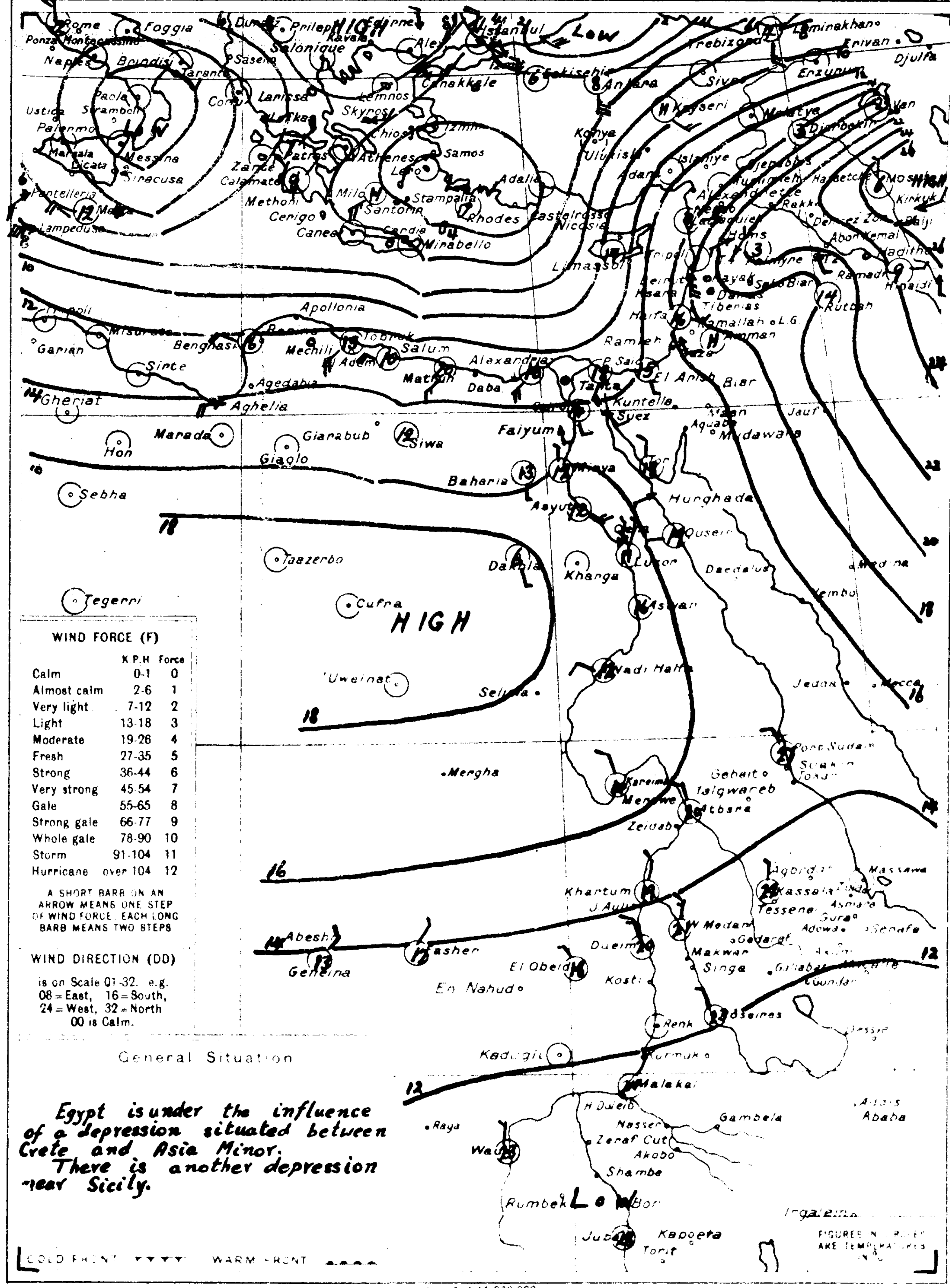
Station	Mean of day: 29th	Diff. from normal	29th	Diff. from normal
Alexandria	25	-40	10.5	-1.1
Ezbekiya	25	-46	10.0	-0.8
Giza	38	-38	10.2	-0.6
Helwan	10	-50	9.2	-0.3
Giza		30th	3.6	

Discharge at Aswan measured in m³ per sec

Date	1939	1938
30.12	1414	1215
29.12	1414	1216

Station	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	30.12	13.20	-0.23	13.19	-0.23
Nasser	29.12	6.39	-1.48	6.41	-1.55
Malakal	30.12	11.25	-0.55	11.32	-0.50
Roseires	30.12	12.85	+0.35	12.86	+0.33
Sennar Res.	27.12	20.73	—	20.72	—
J. Aulia U.S.	27.12	375.70	—	375.66	—
J. Aulia D.S.	29.12	371.83	-0.34	371.86	-0.32
Khartum	30.12	11.01	-0.31	11.04	-0.30
Khashm el Girba					
Atbara	29.12	10.70	-0.20	10.71	-0.20
Kajnart	29.12	134.02	-0.28	134.04	-0.28
Aswan Res.	30.12	120.97	—	120.97	—
Aswan D.S.	30.12	86.45	+0.26	86.44	+0.25
Roda (Cairo)	29.12	14.86	-0.13	14.87	-0.14

٣٠-١٢-١٩٣٩ Isobars, Wind and Temperature at 8 h 30-12-1939



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 under the influence of a depression situated between Crete and Asia Minor.
There is another depression near Sicily.

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

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
,, of Sleet	85-86
,, of Hail	88-89
Thunderstorm	90-99
,, ended, now [illegible]	91
,, with Hail	[illegible]
,, with Duststorm	98
,, heavy with hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 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 30th — الساعة ٨ يوم ٣٠

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	% Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	6	06	1	2	6	—	11.6	-6.0	17	—	—	—	—	—	0	142	195
Haifa	02	—	10	3	—	4	—	14.3	-2.1	16.2	22	+3	12	+3	55	0	169	296
SHIPS																		

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 5541

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

CAIRO
Time of Sunrise 06 h 50 m
Sunset 17 h 05 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1939 ١٩٣٩ شهر ديسمبر

At 14 h. on 30th ٣٠ الساعة ١٤ يوم

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
SALUM	02	8	22	5	1	4	Cu.	11.5	19.3	42
MATRUH	00	9	28	5	0	1	Cu.	12.0	18.5	85
DIKHEILA	00	7	22	2	0	0	—	—	22.0	66
ALEXANDRIA	00	9	20	2	0	0	—	11.9	21.0	65
DAMIETTA										
PORT SAID	01	7	20	3	1	3	Ci.	12.0	21.1	46
EL ARISH	02	9	18	2	1	4	Ce.	11.9	28.4	18
DAMANHUR										
MANSURA										
TANTA	00	8	20	2	0	0	—	12.3	25.0	34
ZAGAZIG	00	9	28	2	0	0	—	12.7	24.4	34
ALMAZA	00	8	20	5	0	1	Ce.	13.1	24.1	31
EZBEKIYA	00	8	14	3	1	1	Ac.	13.0	24.0	23
GIZA	00	8	14	3	1	1	Ac.	12.8	25.0	28
HELWAN	01	7	14	4	0	2	As.	12.7	22.9	18
SUEZ	01	9	12	2	0	1	As.	12.3	23.2	53
FAYUM	00	9	14	2	0	0	—	12.8	24.8	21
MINYA	00	8	16	3	0	0	—	12.6	24.6	30
ASYUT	00	7	12	3	0	0	—	14.8	23.3	45
QENA	00	8	22	1	0	0	—	13.5	26.3	48
LUXOR	01	9	22	2	0	3	Ci.	13.5	28.0	42
ASWAN	02	7	28	1	1	5	Cu.	12.4	28.0	39
SIWA	00	8	24	2	0	0	—	14.4	21.2	74
BAHARIYA	00	9	24	1	0	0	—	13.1	23.9	15
KHARGA	00	8	12	1	0	0	—	13.9	23.8	42
DAKHLA	01	8	16	1	1	4	Ci.	15.0	26.0	19
TOR	00	7	28	2	0	0	—	12.7	25.6	68
HURGHADA	00	9	10	2	0	0	—	12.7	26.0	63
QUSEIR	00	—	08	1	0	0	—	—	22.0	84
PORT SUDAN	09	9	12	3	1	—	—	12	30	75
WADI HALFA	01	8	32	3	1	4	Ac.	14.3	27	22
KAREIMA	01	8	26	1	0	2	—	12.0	30	22
ATBARA	00	8	32	2	0	0	—	9	32	25
KHARTUM	02	8	02	1	1	5	—	8.6	34	20
KASSALA	01	8	32	2	0	2	—	6.7	37	07
WAD MEDANI	01	—	32	2	0	3	—	8	34	25
DUEIM	00	8	32	2	0	0	—	10	31	35
RENK	01	6	30	3	0	3	—	7.1	35	34
ROSEIRES	91	—	26	1	0	3	—	9	34	10
EL OBEID	01	8	30	[illegible]	1	3	—	7.1	33	19
EL FASHER	00	8	04	2	0	0	—	—	32	25
GENEINA										
KADUGLI										
MALAKAL	01	8	04	4	1	4	Ac.	5.6	37	10
WAU	02	—	04	2	1	5	—	6	35	25
JUBA	01	8	28	2	1	4	Ac.	5.5	34	08

At 8 h. on SUNDAY 31st الساعة ٨ يوم الاحد 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	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	02	7	24	5	2	5	Ac.	16.0	-2.2	8.9	20	—	8	—	83	dr.	35	—	130
MATRUH	02	8	22	3	2	5	Ac.	16.0	-2.6	12.1	22	+4	10	+1	88	0	69	72	131
DIKHEILA	00	8	20	3	0	2	Cu.	17.5	—	11.4	23	—	10	—	79	0	22	—	150
ALEXANDRIA	02	9	20	3	2	4	Cu.	17.0	-2.0	13.8	22	+3	12	+2	65	0	15	95	132
DAMIETTA	08	4	18	2	0	0	—	17.0	—	11.2	23	—	9	—	95	0	19	40	159
PORT SAID	00	7	18	3	0	0	—	16.7	-0.7	14.2	22	+4	12	+2	81	0	17	31	134
EL ARISH	00	9	00	0	0	0	—	17.0	—	10.8	28	—	9	—	58	0	42	32	135
DAMANHUR	01	7	20	2	1	2	Cu.	17.4	-1.2	11.3	26	+5	10	+2	82	0	3	38	136
MANSURA	00	8	20	2	0	0	—	17.1	—	10.0	23	+2	7	-1	80	0	11	16	137
TANTA	00	8	20	2	0	0	—	17.9	-1.3	12.0	26	+6	7	-1	71	0	2	14	138
ZAGAZIG	00	8	20	1	0	0	—	—	—	11.0	24	+3	7	0	76	0	dr.	10	139
ALMAZA	00	8	16	3	0	0	—	18.3	—	14.1	24	—	12	—	69	0	4	—	141
EZBEKIYA	00	7	12	3	0	0	—	18.3	-0.7	12.2	25	+6	11	+4	46	0	1	9	
GIZA	00	7	12	3	0	0	—	18.4	-1.5	10.7	25	+5	9	+3	61	0	1	16	
HELWAN	00	6	12	1	0	0	—	18.6	0.0	13.1	23	+5	11	+3	33	0	7	9	143
SUEZ	00	7	00	0	0	0	—	18.2	-0.6	13.4	23	+2	9	-1	57	0	44	9	144
FAYUM	00	9	14	2	0	0	—	19.2	-0.3	12.9	26	+5	8	+1	53	0	7	4	153
MINYA	08	4	00	0	0	0	—	19.2	-0.9	10.0	25	+5	7	0	62	0	tr.	—	154
ASYUT	00	6	26	3	0	0	—	19.5	-0.9	12.8	25	+5	9	+3	41	0	3	3	155
QENA	00	7	26	2	0	0	—	18.3	-0.9	11.8	29	+6	8	0	58	0	1	—	156
LUXOR	00	9	06	1	0	0	—	18.3	—	9.5	30	—	6	—	91	0	9	—	157
ASWAN	00	7	00	0	0	0	—	17.2	-2.0	17.4	29	+5	13	+3	44	0	dr.	—	158
SIWA	00	8	22	1	0	0	—	19.6	-0.2	11.0	22	+3	4	0	63	0	1	5	148
BAHARIYA	00	9	16	1	0	0	—	19.6	—	11.8	25	—	7	—	76	0	0	—	149
KHARGA	00	8	00	0	0	0	—	18.7	-0.7	11.8	24	+1	7	0	47	0	0	tr.	151
DAKHLA	00	7	00	0	0	0	—	21.0	+0.7	8.0	29	+7	6	+1	45	0	0	—	152
TOR	00	6	32	3	0	0	—	16.7	-1.5	16.1	26	+5	13	+4	83	0	20	8	145
HURGHADA	01	9	24	3	0	3	Sc.	16.6	-1.5	17.5	27	+5	12	+1	52	0	43	—	146
QUSEIR	00	4	24	2	0	0	—	16.7	-1.0	19.5	26	+3	17	+2	61	0	2	6	147
PORT SUDAN	09	6	28	2	0	3	Ac.	15.9	+0.4	27.0	—	—	24	+4	83	0	51	—	169
WADI HALFA	02	8	32	2	1	5	Ac, Ci	17.7	-1.5	11.3	28	+4	9	+1	53	—	—	—	165
KAREIMA	01	8	32	1	0	4	Cs.	17.3	+0.5	17.0	31	+1	14	+2	44	0	dr.	1	166
ATBARA	00	8	32	2	0	1	Ci.	13.8	-1.1	23.0	32	+1	18	+4	50	0	1	1	167
KHARTUM	01	8	02	2	0	3	Ci.	15.5	+1.2	19.6	34	+2	15	-1	42	0	24	5	168
KASSALA	00	7	30	1	0	2	Ci.	13.6	+0.9	21.2	38	+4	16	0	43	0	7	11	170
WAD MEDANI	00	—	32	2	0	0	—	14.4	+1.0	18.1	35	+1	11	-5	38	0	44	13	171
DUEIM	00	8	32	3	0	0	—	15.4	+2.0	20.4	33	-1	14	0	39	0	17	12	173
RENK																		—	182
ROSEIRES	00	—	14	1	0	0	—	12.8	+0.9	23.2	39	+3	16	0	38	0	72	37	172
EL OBEID	01	8	30	1	1	4	Ci.	15.1	-0.7	18.0	34	+4	14	+3	38	0	20	19	174
EL FASHER																		4	175
GENEINA																			179
KADUGLI																			
MALAKAL	01	8	04	3	1	3	Ac.	11.5	-0.1	23.7	38	+2	18	+1	25				
WAU	03	—	12	1	0	7	—	11.5	+0.3	22.0	36	0	19	+2	76	0			
JUBA	01	7	30	2	1	4	Ac.	12.0	+1.0	25.8	38	+1	22	+2	63	0			

Upper Winds are in the Code HHDDVV where HH is Height 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	P. SAID 9 h	CAIRO	HELWAN 8 h 30 m	ASYUT 7 h	ASWAN 7 h	WADI HALFA 5 h	KAREIMA 5 h	KHARTUM 7 h	KASSALA 6 h	EL OBEID 6 h	MALAKAL 3 h	JUBA 6 h
02 27 35	02 28 50	02 25 15		02 17 15	02 30 30	05 36 —	03 01 10	06 03 40	06 35 30	06 03 15	07 02 35	06 36 65	06 28 15
05 27 —	05 29 45	05 25 25		05 20 15	05 35 40	10 36 35	06 02 30	10 04 40	10 33 25	10 04 25	10 02 25	10 02 45	10 02 10
10 28 75	10 29 40	10 26 25		08 26 20	10 34 35	15 01 30	10 01 35	15 02 25	15 31 15	15 14 05	15 35 25	15 03 35	15 12 25
13 29 65	15 29 35	13 25 25		10 26 30	15 33 35		15 03 45	20 35 10	20 31 15	20 13 05	20 33 15	20 04 30	20 12 35
14 29 40				15 25 35	20 32 40		20 01 20	30 01 10	25 29 15	30 16 05	28 32 05	25 05 25	30 15 40
15 29 30				20 26 40			30 29 15	33 31 10	30 30 10	33 16 05		30 08 20	40 17 40
18 28 15				23 26 50									47 15 35
				25 26 55									
				30 26 60									
				33 26 55									

Forecast for 24 hours from noon on 31st

On the coast moderate to fresh west to northwest winds. Inland light to moderate winds southerly at first veering to west or north later. Some medium or low cloud. Further light rain on the coast. Cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣١
تهب رياح ما بين المعتدلة والشديدة قرعا غربية الى شمالية
غربية على السواحل وتهب رياح ما بين الخفيفة والمعتدلة
جنوبية اولا ثم تتحول الى الغرب او الشمال فيما بعد في الداخل
يظهر بعض السحاب المتوسط او المنخفض
وتمطر خفيفا مرة اخرى على السواحل
الطقس بارد

Station	Mean of day Humidity on 30th	Diff. from normal	Wet bulb temp. °C on 30th	Diff. from normal
Alexandria	44	-21	13.6	+2.1
Ezbekiya	29	-42	10.3	-0.5
Giza	43	-33	10.5	-0.3
Helwan	23	-37	9.5	0.0

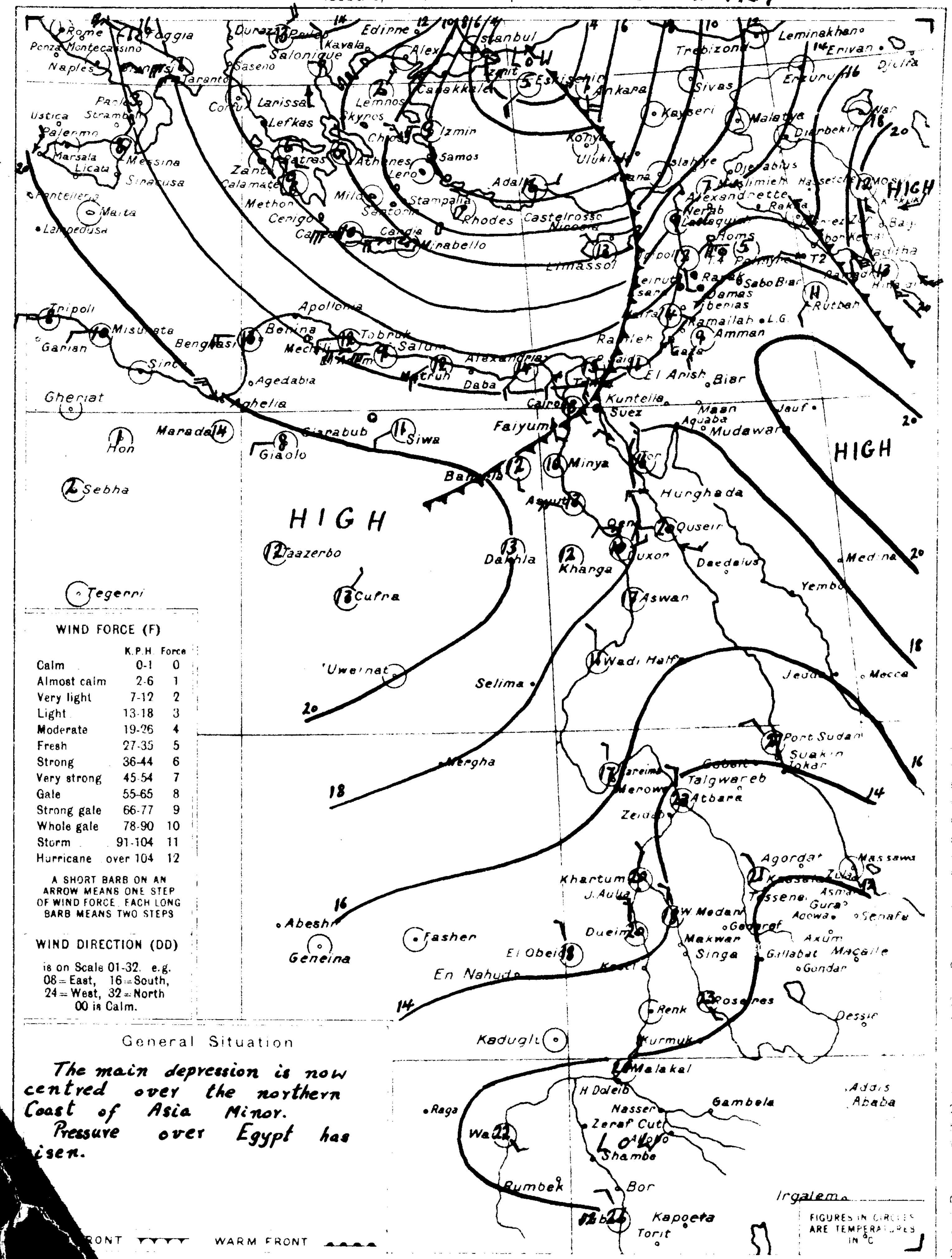
Giza Grass minimum on 31st 4.6 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1939	1938
31.12	1414	1215
30.12	1414	1215

Gauge	Date 1939	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	30.12	13.20	-0.23	13.19	-0.23
Nasser	30.12	6.36	-1.43	6.39	-1.48
Malakal	31.12	11.20	-0.57	11.25	-0.55
Roseires	31.12	12.87	+0.40	12.85	+0.35
Sennar Res	29.12	20.75	—	20.75	—
J. Aulia U.S	29.12	375.70	—	375.66	—
J. Aulia D.S	29.12	371.83	-0.34	371.86	-0.32
Khartum	30.12	11.01	-0.31	11.04	-0.30
Kh. el Girba	—	—	—	—	—
Atbara	31.12	10.66	-0.22	10.68	-0.21
Kajnarti	30.12	133.97	-0.31	134.02	-0.28
Aswan Res.	31.12	120.97	—	120.97	—
Aswan D.S.	31.12	86.47	+0.28	86.45	+0.36
Roda (Cairo)	31.12	[illegible]	[illegible]	[illegible]	[illegible]

٣١-١٢-١٩٣٩ Isobars, Wind and Temperature at 8 h. 31-12-1939



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 centred over the northern Coast of Asia Minor. Pressure over Egypt has risen.

...RONT — WARM FRONT

At 8 h. on 31st الساعة ٨ يوم ٣١

Visibility V	Wind Dir. DD	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
	28	1	6	8	—	13.1	-4.5	13	—	—	—	—	—	6	148	198
	10	2	—	0	—	16.4	0.0	14.0	25	+6	11	+2	78	0	169	302
	00	0	0	0	—	17.1	-2.3	11.2	21	-2	5	-2	62	0	0	tr.

Remarks

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

PRESENT WEATHER (ww)

Clear 00
01
02
03
04
05
06
07
08
09
10
11
12
14
18
20-29
28
29
30-34
40-49
41
42
49
50-59
60-69
67
70-79
80-89
90-99
91
94-96
98
99

(W)

0 1 2 3 4 5 6 7 8 9

CLOUD AMOUNT (N)

Clear 0
1 2 3 4 5 6 7 8 9

CLOUD FORM (C)

Ci
Cc
Cs
As
Ac
Strato-cumulus Sc
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu

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