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MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 52m

" " sunset 17h 06m

From Observations taken at 8h. to-day.

Thursday 1st January, 1931 — الخميس أول يناير ١٩٣١

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: at 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total to 8 h. yesterday	Rainfall: Normal to 8 h. yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1020·8	+5·3	+2·5	WNW	3	0	11·9	-1·0	-0·3	20	—	11	—	90	+17	drops	46	31	1
	MATRUH	1020·6	+5·6	+2·0	NW	1	3	14·0	+0·6	+2·3	18	0	12	+4	69	-9	0	159	68	3
	ALEXANDRIA	1020·0	+4·0	+1·1	~~SE~~ W	2	2	17·7	+3·0	+4·2	19	0	14	+3	67	-8	2	82	99	2
	PORT SAID	1019·5	+3·7	+2·1	SW	2	0	13·2	-1·0	-0·6	18	-1	12	+1	94	+17	0	33	32	2
	GAZA	—	—	—	SW	1	3	12·9	-1·2	+0·8	20	+1	11	+3	82	+7	0	84	175	—
	HAIFA	1017·0	+4·2	+0·6	—	0	3	17·2	+0·5	+3·8	19	0	10	+1	53	-15	14	231	309	2
UPPER EGYPT	TANTA	1021·0	+4·6	—	SSW	1	3	12·5	-1·5	—	20	—	11	—	89	—	0	22	—	—
	CAIRO: EZBEKIYA	1021·5	+4·0	+2·3	S	3	3	12·4	0·0	+2·4	19	-1	11	+3	85	+5	drops	10	11	—
	GIZA	1021·2	+3·6	+1·6	SSE	2	3	12·0	0·0	—	19	0	10	+4	91	—	0	12	9	—
	HELWAN	1022·0	+4·1	+2·4	SE	2	0	11·6	-0·2	+1·0	18	-1	10	+2	87	+19	0	12	9	—
	SIWA																			
RED SEA	SUEZ	1019·8	+3·4	+1·0	E	2	1	14·0	-2·5	+1·2	23	+3	14	+4	78	+2	0	2	15	2
	TOR	1019·0	+1·6	+0·8	N	1	1	14·2	+0·4	+1·1	21	0	12	+3	77	+18	0	7	9	1
	HURGHADA	—	—	—	WNW	4	4	16·0	-1·5	—	22	—	14	—	59	—	0	0		2
	QOSSEIR	1019·8	+1·8	—	WNW	5	2	18·9	+0·2	—	23	—	17	—	52	—	0	15		3
UPPER EGYPT	GEBEL	—	—	—	S	1	0	12·0	-1·7	+2·7	19	-1	8	+2	83	+3	0	8		
	MINYA	1022·4	+3·0	—	WSW	2	0	10·0	-4·0	-0·2	20	0	8	+1	94	+14				
	ASSIUT	1022·3	+2·1	+2·1	WSW	2	2	11·0	-1·1	+1·1	21	+1	10	+4	75	+3	0	0		
	QENA	1022·2	+2·6	—	W	1	3	13·9	+0·4	+2·7	23	0	10	+2	77	+11				
	KHARGA	1021·8	+1·0	—	—	0	2	16·0	+0·9	—	23	—	11	—	59	—	0	0		
	ASWAN	1020·2	+0·4	+1·1	NNE	1	3	14·5	+0·5	+1·5	23	-1	12	+2	59	+5				
SUDAN	WADI HALFA	1019·4	+0·4	+0·2	N	2	0	12·4	-0·8	+0·4	24	0	11	+3	74	+22				
	MEROWE	1017·0	0·0	+0·2	NE	2	0	15·6	-2·0	-2·4	29	-1	12	-1	51	+13	0	0	1	
	ATBARA																			
	KHARTOUM	1013·9	-0·3	-0·3	N	1	3	19·7	+1·4	+0·9	30	0	18	+3	32	-4	0	1	5	
	KORDOFAN	1017·0	+0·3	+1·6	NW	4	4	25·3	-0·8	+1·3	29	+2	22	+2	68	+1	0	29	91	4
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009·5	-2·0	-2·3	NNE	1	0	24·0	+1·0	+1·9	—	—	18	+2	33	-12	0	33	37	
	EL FASHER																			
	EL OBEID	1014·4	+1·3	-1·5	NE	3	1	19·1	-0·3	+0·7	30	-1	17	+6	52	+16	0	17	19	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 9.00 a. m.

Height (metres)	Speed (m/s)	Direction
500	5	WSW
1000	10	NW
1500	15	NNW
2000	20	NW
3000	35	WNW

General Situation

The depression has travelled in a northeasterly direction and is now situated east of the Black Sea. A wedge of high pressure extends from Russia to Egypt and pressure continues to rise over Egypt and the eastern Mediterranean.

الحالة الجوية

قد تحرك الانخفاض شمالا بشرقه وهو الآن شرق البحر الأسود وهناك نتوء من الضغط المرتفع ممتد من روسيا ومصر ولا يزال الضغط آخذا في الارتفاع فوق مصر وشرق البحر الأبيض

Forecast for 24 hours from noon to-day.

Light to moderate variable winds chiefly westerly and northwesterly on the coast and southerly inland. Occasional low cloud. Slightly milder.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الخميس

رياح مختلفة الاتجاه بين الخفيفة والمعتدلة أكثرها بين غربية وشمالية غربية على الساحل وجنوبية في الداخل يظهر بعض السحاب المنخفض أحيانا والطقس أميل للدفء قليلا

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Air Bulb Temperature Mean of Day: Yester day	Air Bulb Temperature: Diff. from normal
	%	%	°C	°C
Alexandria	75	+10	14·2	+2·7
Ezbekiya	81	+10	12·5	+1·7
Giza	87	+12	12·1	—
Helwan	85	+25	12·4	+3·0

NOTE A dash means that figures are not available

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" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
31-12	815	1104
30-12	814	1102

Transfer

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	29-12	11·51	+0·01	11·52	+0·01
Nasser	31-12	6·11	-1·56	6·22	-1·61
Malakal	31-12	10·58	-1·14	10·61	-1·14
Roseires	31-12	12·24	-0·18	12·27	-0·17
Sennar Res.	31-12	20·70	—	20·69	—
Makwar	31-12	4·97	-1·29	5·00	-1·27
Khartoum	31-12	10·79	-0·73	10·81	-0·72
Kh. el Girba					
Atbara	31-12	10·44	-0·50	10·47	-0·48
Wadi Halfa	31-12	2·18	-0·68	2·24	-0·64
Aswan Res.	31-12	112·79	—	112·68	—
" D.S.	31-12	85·61	-0·82	85·62	-0·82
El Leithi	31-12	17·96	-0·64	18·08	-0·53
Roda (Cairo)	31-12	14·57	-0·50	14·66	-0·43

PRINTED AT THE SURVEY OF EGYPT 1929 (29/659/1) 1930 (30/556)

National Archives
Jun. 7, 1937

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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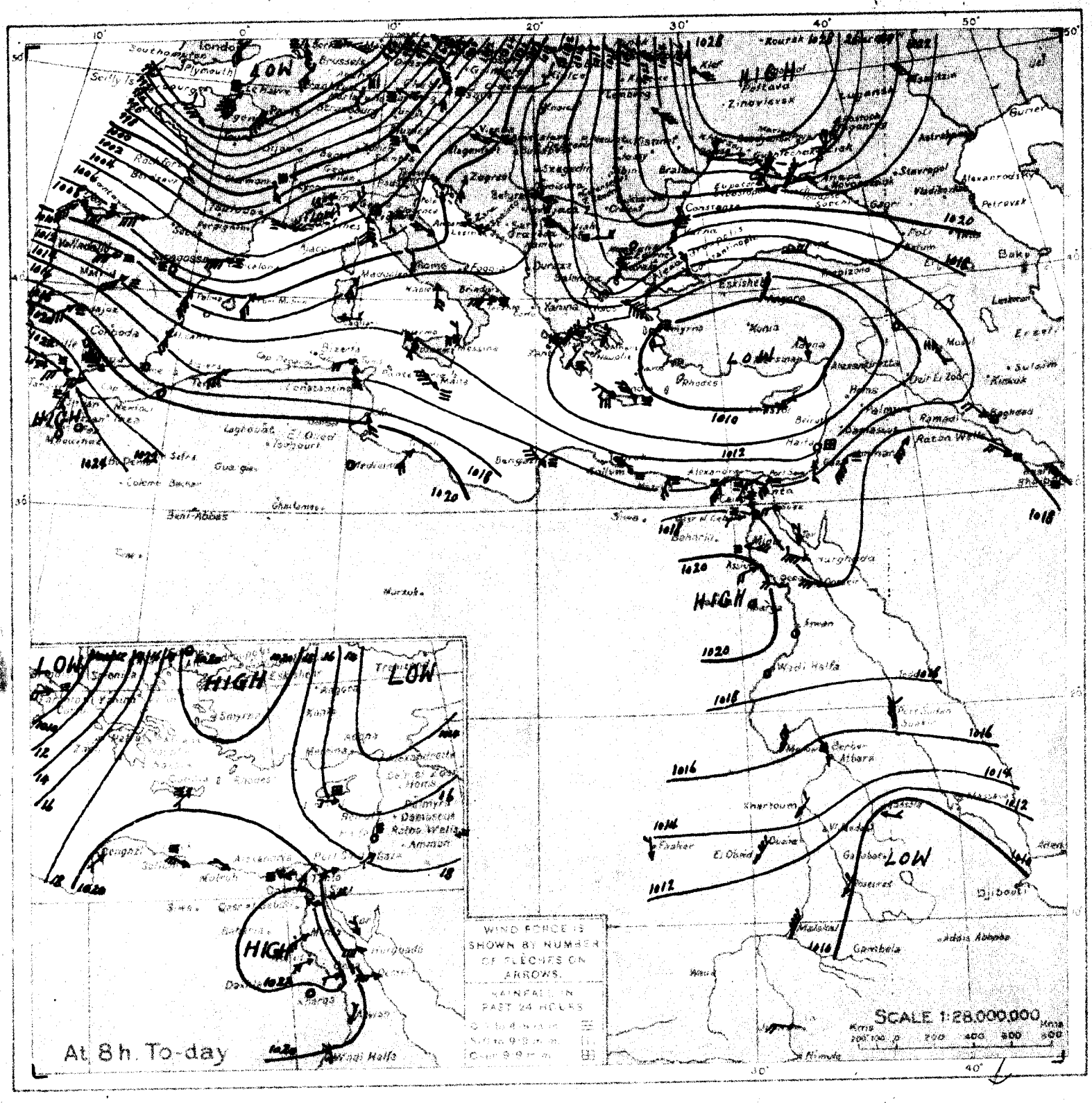
Rocket Center, West Virginia
September 14, 1999

PHYSICAL DEPARTMENT.

ER REPORT.

١٩٣٠ -١٢ -٣١ Barometer and Wind at 8 h. Yesterday 31-12-1930



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

Division of Maps
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١٩٣٠ -١٢ -٣١ From Observations taken at 8 h. yesterday. 31-12-1930

	STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change last 24 hours	BAROMETER: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change last 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Maximum Yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct 1 to yesterday	RAINFALL: Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011·5	+8·4	-4·7	N	1	4	3	-4	—	10	—	2	—	80	—	—	—	321	—
	MALTA	1015·0	+4·1	-2·4	NW	4	3	14	-1	—	16	0	12	+2	80	—	trace	182	232	3
	ATHENS	1011·9	0·0	-6·0	NE	1	2	7	+2	—	—	—	—	—	80	—	—	—	174	—
	CANDIA	1011·0	+1·0	-7·3	NW	3	4	14	+1	—	15	-1	9	-1	—	—	trace	238	215	4
	LIMASSOL	1010·2	+10·2	-7·4	W	1	4	15	+1	—	18	+1	14	+7	—	—	0	188	198	2
EGYPT and SUDAN	قصر الجبالي Qasr El Gebali	1018·3	+8·4	-1·2	W	1	2	13·7	+0·7	—	19	-1	10	+4	93	—	2	8	—	—
	Merowe مروى	1017·0	+1·5	+0·2	NNE	3	0	17·6	-0·5	—	27	-3	13	+1	50	—	0	0	1	—
	Atbara العطبرة	1015·1	+2·9	+0·2	N	3	0	20·0	-3·5	—	32	+1	17	+3	64	—	0	0	1	—
	Kassala كسلا	1008·6	+0·8	-4·1	ESE	1	0	29·0	-1·0	—	35	+1	15	-1	34	—	0	0	11	—
	El Obeid الأبيض	1013·1	-0·3	-2·7	NE	3	2	19·4	+0·2	—	28	-2	13	+2	38	—	0	17	19	—
	Malakal ملكال	1011·8	+0·8	+0·2	NNE	4	0	24·1	-0·9	—	36	0	21	+4	15	—	0	103	93	—
	Juba جوبا	—	—	—	WNW	2	0	27·5	+0·5	—	39	—	—	—	43	—	0	67	141	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 h 52 m

" " sunset 17 h 07 m

From Observations taken at 8 h. to-day.

Friday 2nd January, 1931 ١٩٣١ الجمعه ٢ فبراير

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1021.0	+0.2	+2.6	WNW	2	0	12.1	+0.2	-0.1	~~21~~	—	11	—	98	+23	0	46	32	0
	MATRUH	1021.1	+0.5	+2.5	NW	2	0	11.4	-2.6	-0.3	18	0	11	+3	81	+3	0	159	70	2
	ALEXANDRIA	1021.1	+1.1	+2.2	—	0	4	14.7	-3.0	+1.2	20	+1	14	+3	89	+14	1	83	101	0
	PORT SAID	1021.0	+1.5	+3.6	ESE	2	2	16.9	+3.7	+3.1	21	+2	13	+2	76	-1	0	33	33	2
	GAZA	—	—	—	—	0	2	13.6	+0.7	+1.6	18	-1	12	+4	87	+12	1	85	178	—
	HAIFA	1019.0	+2.0	+2.6	—	0	2	16.5	-0.7	+3.2	19	0	10	+1	62	-6	9	240	316	3
LOWER EGYPT	TANTA	1021.5	+0.5	—	WNW	1	4	14.6	+2.1	—	22	—	13	—	90	—	0	22	—	—
	CAIRO EZBEKIYA	1022.2	+0.7	+3.0	—	0	2	13.8	+1.4	+3.9	21	+1	12	+4	90	+10	0	10	11	—
	CAIRO GIZA	1021.2	0.0	+1.6	—	0	2	12.5	+0.5	—	22	+3	12	+6	94	—	0	12	9	—
	CAIRO HELWAN	1021.2	-0.8	+1.6	N	1	0	12.2	+0.6	+1.7	20	+2	11	+3	95	+27	0	12	9	—
	SIWA																			
RED SEA	SUEZ	1019.9	+0.1	+1.1	N	2	0	13.0	-1.0	+0.3	23	+3	12	+2	95	+19	0	2	15	1
	TOR	1018.0	-1.0	-0.2	NE	1	0	17.6	+3.4	+4.6	21	0	9	0	67	+8	0	7	9	1
	HURGHADA	1016.8	—	—	WNW	4	2	16.0	0.0	—	22	—	12	—	71	—	0	0		2
	QOSSEIR	1018.0	-1.8	—	NW	5	1	18.5	-0.4	—	23	—	17	—	45	—	0	15	—	4
UPPER EGYPT	GEBALI	1021.5	—	+2.1	S	1	0	10.2	-1.8	+0.9	21	+1	7	+1	95	+15	0	8		
	MINYA	1023.1	+0.7	—	NNW	2	0	10.0	0.0	-0.1	20	0	6	-1	87	+7				
	ASYUT	1021.6	-0.7	+1.4	W	2	2	10.2	-0.8	+0.4	21	+1	8	+2	82	+10	0	0		
	QENA	1019.9	-2.3	—	WNW	3	2	12.2	-1.7	+1.1	24	+1	9	+1	75	+9				
	KHARGA	1021.0	-0.8	—	NNW	1	3	14.0	-2.0	—	22	—	9		63		0	0		
	ASWAN	1018.8	-1.4	-0.3	NE	1	2	14.5	0.0	+1.6	24	0	13	+3	56	+2	—			
NORTH SUDAN	WADI HALFA	1017.8	-1.6	-1.4	N	2	0	13.0	+0.6	+1.1	24	0	12	+4	64	+12				
	MEROWE	1015.2	-1.8	-1.6	NE	2	0	17.6	+2.0	-0.4	29	-1	13	0	41	+3	0	0	1	
	ATBARA	1014.4	-0.7	-0.5	ENE	2	0	21.0	+1.0	+1.1	32	+2	17	+3	51	+14	0	0	1	
	KHARTOUM	1012.6	-1.3	-1.6	NNE	1	1	20.0	+0.3	+1.2	31	+1	18	+3	40	+4	0	1	5	
EAST SUDAN	PORT SUDAN	1014.4	-2.6	-1.0	NW	4	3	25.2	-0.1	+1.3	29	+2	23	+3	64	-3	0	29	91	4
	KASSALA	1009.5	+1.1	-3.1	—	0	0	26.0	-3.0	+3.1	35	+1	18	+2	55	-6	0	0	11	
	WAD MEDANI	1012.0	+1.0	-1.4	WNW	3	0	22.5	-2.0	+1.3	38	+4	18	+3	44	+5	0	8	13	
	ROSE RES	1009.9	+0.4	-1.9	NNE	1	0	24.0	0.0	+2.0	35	-1	19	+3	39	-6	0	33	37	
SOUTH SUDAN	EL FASHER	1014.2	-0.5	—	WNW	1	0	16.0	-1.0	+0.9	33	+2	10	0	36	+1	0	1	8	
	EL OBEID	1014.4	0.0	-1.5	NW	3	4	20.5	+1.4	+2.2	31	0	17	+6	45	+9	0	17	19	
	MALAKAL	1011.0	-0.2	-0.5	NNE	3	0	25.0	+1.0	+0.8	36	+1	20	+3	27	-1	0	103	93	
	WAU	1011.2	+1.0	-0.1	SE	5	1	23.0	-1.0	-2.7	37	+2	21	+4	48	-3	0	101	146	
	JUBA	—	—	—	WSW	3	2	25.5	-2.0	—	40	—	—	—	58	—	0	67	141	

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Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms. an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

التنبؤات للـ ٢٤ ساعة التالية من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	77	+8	14.8	+3.4
Ezbekiya	78	+1	12.9	+2.2
Giza	90	+8	13.4	—
Helwan	82	+18	12.9	+3.6

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
2-1	804	1102
1-1	811	1100

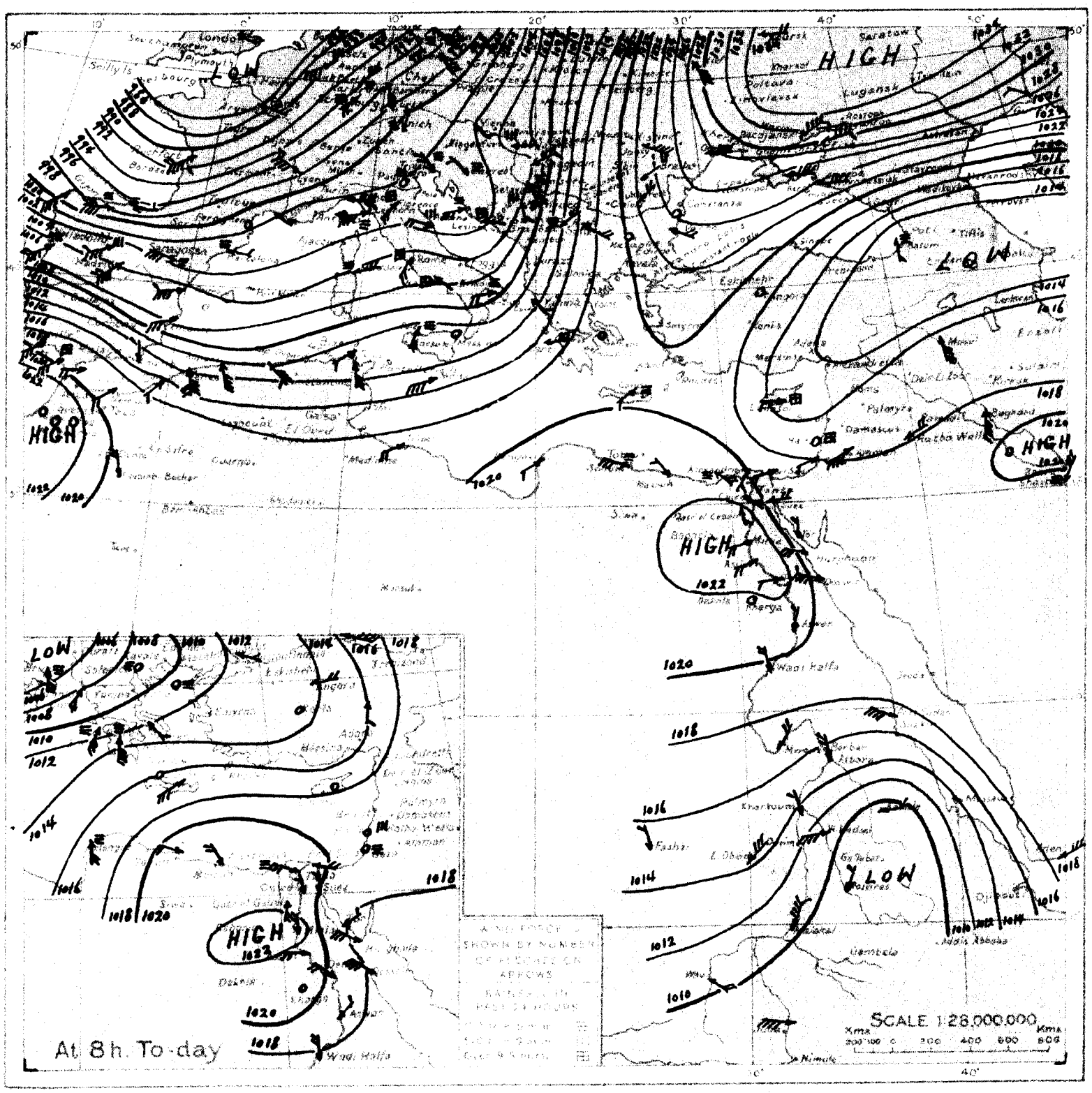
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	2-1	13.34	-0.07	13.34	-0.08
Nasser	1-1	6.04	-1.54	6.11	-1.56
Malakal	1-1	10.54	-1.16	10.58	-1.14
Roseires	2-1	12.19	-0.19	12.22	-0.18
Sennar Res.	2-1	20.71	—	20.71	—
Makwar	2-1	4.95	-1.11	4.93	-1.15
Khartoum	2-1	10.67	-0.76	10.76	-0.69
Kh. el Girba					
Atbara	2-1	10.39	-0.49	10.41	-0.49
Wadi Halfa	2-1	2.17	-0.63	2.19	-0.64
Aswan Res.	2-1	112.98	—	112.88	—
" D.S.	2-1	85.61	-0.76	85.61	-0.77
El Leithi	2-1	17.80	-0.73	17.85	-0.70
Roda (Cairo)	2-1	14.48	-0.50	14.52	-0.48

PRINTED AT THE SURVEY OF EGYPT 1930 (29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

ER REPORT.

١٩٣١ -١ -١ Barometer and Wind at 8 h. Yesterday 1-1-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -١ -١ From Observations taken at 8 h yesterday 1-1-1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.1	-4.4	-9.1	SW	2	4	11	+8	—	12	—	6	—	80	—	12	—	324	—
	MALTA	1015.1	+0.1	-2.3	WSW	4	3	14	0	—	17	+1	14	+4	80	—	0	182	235	1
	ATHENS	1018.3	+6.4	+0.4	—	0	4	9	+2	—	—	—	—	—	70	—	—	—	176	—
	CANDIA	1019.6	+8.6	+1.6	SW	1	4	11	-3	—	19	+3	9	-1	—	—	3	241	218	2
	LIMASSOL	1015.0	+4.8	-2.6	W	1	1	14	-1	—	19	+1	10	+2	—	—	14	202	202	2
EGYPT and SUDAN	Atbara العطرة	1015.1	0.0	+0.2	N	2	0	20.0	0.0	+0.1	31	0	18	+4	55	+18	0	0	1	—
	Kassala كسلا	1008.4	-0.2	-4.2	E	1	0	29.0	0.0	+6.1	35	+1	16	0	34	-27	0	0	11	—
	Wad Medani	1011.0	-2.9	-2.4	W	4	0	24.5	+5.0	+3.2	36	+2	18	+3	36	-3	0	8	13	—
	El Fasher الفاشر	1014.7	+1.3	—	NNW	1	2	17.0	+1.0	+1.8	32	+1	14	+4	43	+8	0	1	8	—
	Malakal الملك	1011.2	-0.6	-0.3	NNE	5	0	24.0	-0.1	-0.2	35	0	21	+4	20	-8	0	103	93	—
	Wau واو	1010.2	-0.8	-1.1	SE	2	0	24.0	-1.0	-1.7	36	+1	20	+3	46	-5	0	101	146	—
	Juba جوبا	—	—	—	WNW	4	1	27.5	0.0	—	40	—	—	—	27	—	0	67	141	—

1417 F.C.

MINISTRY OF PUBLIC WORK

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 52m

" " sunset 17h 08m

From Observations taken at 8h. to-day.

Saturday 3rd January, 1931 ١٩٣١ السبت ٣ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1016.6	-4.4	-1.8	W	3	1	12.0	-0.1	-0.1	20	—	12	—	89	+16	0	46	33	1
	MATRUH	1017.5	-3.6	-1.1	WNW	3	0	11.8	+0.4	+0.2	20	+2	10	+2	81	+3	0	159	71	2
	ALEXANDRIA	1018.3	-2.8	-0.6	SW	2	4	14.8	+0.1	+1.3	23	+4	13	+2	77	+2	0	83	102	2
	PORT SAID	1017.4	-3.6	0.0	W	2	2	15.0	-1.9	+1.3	21	+2	13	+2	93	+16	0	33	33	2
	GAZA	—	—	—	—	0	0	13.1	-0.5	+1.1	20	+1	9	+1	83	+8	0	85	181	—
	HAIFA	1016.3	-2.7	-0.1	—	0	4	14.5	-2.0	+1.3	20	+2	10	+2	55	-13	0	240	322	2
LOWER EGYPT	TANTA	1018.6	-2.9	—	NE	1	4	9.9	-4.7	—	22	—	8	—	99	—	0	22	—	—
	EZZEKIYA	1018.3	-3.9	-0.9	—	0	8	11.0	-2.8	+1.2	21	+1	10	+2	97	+17	0	10	12	—
	GIZA	1018.2	-3.0	-1.5	NW	2	8	10.0	-2.5	—	21	+2	8	+2	100	—	0	12	10	—
	HELWAN	1017.8	-3.4	-1.8	N	2	4	10.9	-1.3	+0.4	20	+2	10	+2	93	+25	0	12	10	—
	SIWA																			
RED SEA	SUEZ	1016.2	-3.7	-2.6	N	2	2	13.9	+0.9	+1.2	20	0	12	+2	81	+5	0	2	15	1
	TOR	1015.1	-2.9	-3.1	NE	1	0	12.5	-5.1	-0.4	22	+1	10	+1	87	+28	0	7	9	1
	HURGHADA	1015.1	-1.7	—	WNW	4	0	16.0	0.0	—	22	—	10	—	61	—	0	0		2
	QOSSEIR			—						—		—		—						
UPPER EGYPT	GEBALI	1018.3	-3.2	-1.1	NW	1	0	11.5	+1.3	+2.3	21	+2	9	+3	92	+12	0	8	—	
	KENA	1018.6	-4.5	—	NNW	2	0	11.2	+1.2	+1.2	20	0	7	0	88	+8				
	ASYUT	1018.2	-3.4	-2.0	WNW	2	0	10.0	-0.2	+0.2	20	0	8	+2	87	+15	0	0		
	QENA	1016.8	-3.1	—	WNW	2	0	12.0	-0.2	+1.0	24	+1	8	0	79	+13	—			
	KHARGA	1017.8	-3.2	—	—	0	0	13.0	-1.0	—	22	—	8	—	72		0	0		
	ASWAN	1016.4	-2.4	-2.7	—	0	0	13.2	-1.3	+0.3	25	+1	10	0	64	+10				
NUBIA	WADI HALFA	1016.8	-1.0	-2.4	NNW	3	0	12.8	-0.2	+0.9	25	+1	11	+3	64	+12				
	NEROKE	1014.4	-0.8	-2.4	NE	2	0	17.6	0.0	-0.3	31	+1	14	+1	41	+3	0	0	1	
	ATBARA																			
	KHARTOUM	1012.4	-0.2	-1.8	N	1	0	19.4	-0.6	+0.7	32	+2	17	+2	49	+13	0	1	5	
SUDAN	PORT SUDAN	1013.1	-1.3	-2.4	N	5	3	24.5	-0.7	+0.6	27	0	22	+2	61	-6	drops	29	92	5
	KASSALA																			
	WAD MEDANI	1011.5	-0.5	-1.9	WNW	5	0	22.5	0.0	+1.4	37	+3	18	+3	44	+5	0	8	13	
	KODOKEI																			
EQUATORIAL PROVINCE	EL FASHER																			
	EL OBEID																			
	VALLEGA																			
	WAU	1011.5	+0.3	+0.2	S	2	0	23.0	0.0	-2.7	38	+3	21	+4	52	+1	0	101	146	
	JUBA																			

Upper Wind Observations at Helwan at h. m. 8 45

Level in metres	Km. per hour	Direction
500	15	NE
1000	20	N
1500	10	N
2000	10	NNW
3000	25	NW

General Situation

The pressure over Egypt is slowly falling owing to a shallow depression now situated over Greece.

حالة الجو

يستمر الضغط على مصر في الهبوط ببطء لمناسبة وجود انخفاض ضئيل يقع الآن على اليونان .

Forecast for 24 hours from noon to-day.

On the coast moderate southwest to west winds; inland light variable winds.
Some medium cloud.
Temperature slightly above normal.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى مثله غدا

على الساحل رياح معتدلة جنوبية غربية الى غربية - وفي الداخل رياح خفيفة مختلفة الاتجاه . يظهر السحاب المتوسط الارتفاع - ودرجة الحرارة نحو المعدل قليلا .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	84	+15	14.9	+3.6
Ezbekiya	84	+7	13.5	+2.9
Giza	90	+8	13.3	—
Helwan	84	+20	12.8	+3.5

NOTE A dash means that figures are not available

Terms of Subscription. By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec		
DATE	1931	1930
2.1	804	1102
1.1	811	1100

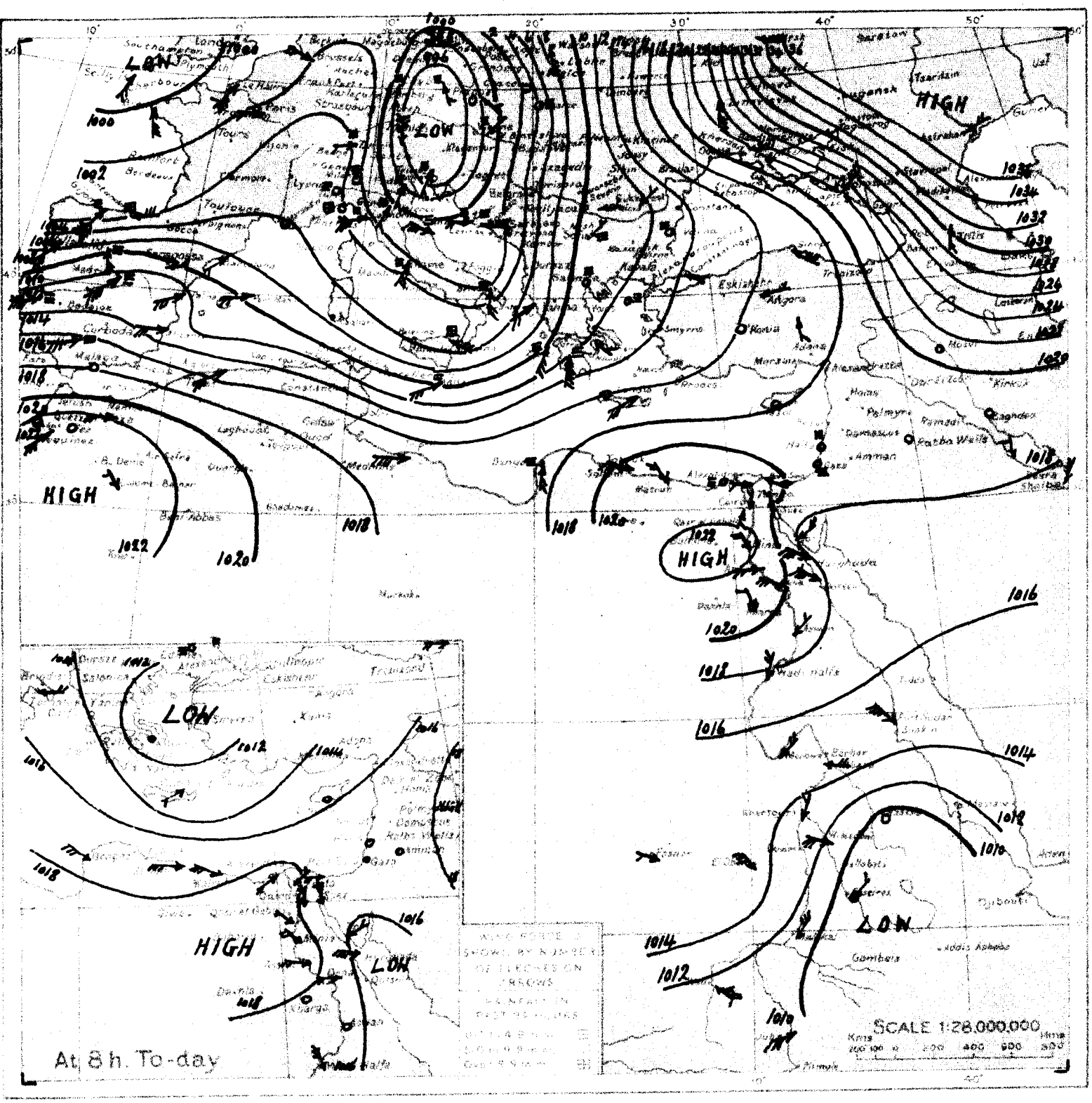
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	2.1	13.34	-0.07	13.34	-0.08
Nasser	1.1	6.04	-1.54	6.11	-1.56
Malakal	1.1	10.54	-1.16	10.58	-1.14
Roseires	3.1	12.17	-0.18	12.19	-0.19
Sennar Res.	2.1	20.71	—	20.71	—
Makwar	2.1	4.95	-1.11	4.93	-1.15
Khartoum	2.1	10.67	-0.76	10.76	-0.69
Kh. el Girba					
Atbara	3.1	10.36	-0.50	10.39	-0.49
Wadi Halfa	3.1	2.17	-0.60	2.17	-0.63
Aswan Res.	2.1	112.98	—	112.88	—
" D.S.	2.1	85.61	-0.76	85.61	-0.77
El Leithi	3.1	17.70	-0.87	17.80	-0.73
Roda (Cairo)	3.1	14.43	-0.54	14.48	-0.50

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١-١-٢ Barometer and Wind at 8 h. Yesterday 2.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١-٢ From Observations taken at 8 h. yesterday 2.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change last 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change last 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1004.0	-3.1	-12.3	SW	2	4	12	+1	—	13	—	10	—	90	—	1	—	327	—
	MALTA	1010.3	-4.8	-7.2	WSW	3	3	16	+2	—	17	+1	15	+5	80	—	drops	182	237	1
	ATHENS	1011.9	-6.4	-6.0	SE	1	5	15	+6	—	—	—	—	—	80	—	—	—	178	—
	CANDIA	1016.2	-3.4	-1.8	SW	3	4	16	+5	—	19	+3	13	+3	—	—	0	241	221	3
	LIMASSOL	1017.9	+2.9	+0.3	—	0	1	13	-1		18	+1	9	+1	—	—	0	202	205	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 52m

" " sunset 17h 08m

From Observations taken at 8h. to-day.

Sunday 4th January, 1931 ١٩٣١ الاحد ٤ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1018.3	+1.7	−0.1	WNW	2	0	12.3	+0.3	+0.3	~~21~~	—	11	—	98	+23	0	46	34	1
	MATRUH	1018.0	+0.5	−0.6	NW	2	2	12.6	+0.8	+1.0	19	+1	10	+2	72	−6	0	159	73	2
	ALEXANDRIA	1018.4	+0.1	−0.5	SW	1	1	13.9	−0.9	+0.4	20	+1	11	0	80	+5	0	83	104	1
	PORT SAID	1017.5	+0.1	+0.1	NW	2	2	16.0	+1.0	+2.3	21	+2	14	+3	87	+10	0	33	34	3
	GAZA																			
	HAIFA	1014.4	−1.9	−2.0	—	0	0	16.0	+1.5	+2.8	17	−1	10	+2	64	−4	0	240	329	2
LOWER EGYPT	TANTA	1018.3	−0.3	—	~~SSE~~ W	1	1	10.0	+0.1	—	20	—	8	—	94	—	0	22	—	—
	CAIRO / EZBEKIYA	1018.3	0.0	−0.9	NNW	1	0	11.0	0.0	+1.2	19	0	9	+1	87	+7	0	10	12	—
	CAIRO / GIZA	1018.2	0.0	−1.3	—	0	0	8.4	−1.6	—	19	0	7	+1	96	—	0	12	10	—
	CAIRO / HELWAN	1018.4	+0.6	−1.2	—	0	0	10.9	0.0	+0.5	18	0	10	+2	87	+19	0	12	10	—
	SIWA	1016.6	−1.3	−3.3	—	0	0	9.0	+1.5	+0.6	—	—	—	—	86	+16	0	35	3	—
RED SEA	SUEZ																			
	TOR	1014.0	−1.1	−4.2	N	2	0	14.7	+2.2	+1.8	22	+1	11	+2	77	+18	0	7	9	2
	HURGHADA			—						—		—		—		—				
	QOSSEIR	1014.3	—	—	W	4	0	18.7	—	—	23	—	15	—	50	—	0	15	—	3
UPPER EGYPT	GEBALI	1018.7	+0.4	−0.7	W	1	0	8.0	−3.5	−1.2	20	+1	6	0	98	+18	0	8	—	—
	MINYA	1019.9	+1.3	—	SW	1	0	10.0	−1.2	0.0	20	0	6	−1	94	+14	—	—	—	—
	ASYUT	1018.3	+0.1	−1.9	WNW	3	0	10.0	0.0	+0.3	21	+1	8	+2	84	+12	0	0	—	—
	QENA	1016.2	−0.6	—	W	3	0	13.1	+1.1	+2.1	24	+1	10	+3	78	+12	—	—	—	—
	KHARGA	1017.8	0.0	—	—	0	0	11.7	−1.3	—	23	—	7	—	74	—	0	0	—	—
	ASWAN	1016.6	+0.2	−2.5	—	0	0	13.7	+0.5	+0.9	24	0	9	−1	59	+5	—	—	—	—
NORTH SUDAN	WADI HALFA	1016.7	−0.1	−2.5	—	0	0	11.8	−1.0	0.0	25	+1	9	+1	67	+15	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1012.8	+0.4	−1.4	NNE	1	0	19.5	+0.1	+0.9	31	+1	17	+2	40	+4	0	1	5	—
EASTERN SUDAN	PORT SUDAN	1011.9	−1.2	−3.6	NW	3	2	24.5	0.0	+0.7	29	+2	21	0	66	−1	0	29	92	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES																			—
SOUTH SUDAN	EL FASHER			—																—
	EL OBEID	1012.6	+0.4	−3.3	NE	4	0	19.1	+0.3	+0.9	32	+1	13	+2	47	+11	0	17	19	—
	MALAKAL	1009.9	−0.1	−1.6	NNE	3	0	24.8	−0.2	+0.7	38	+3	19	+2	26	−2	0	103	93	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C: 120 110 100 90 80 70 60 50 40 30 27 — 40 30 20 10 0 −3

PRESS. Mm. Mb.: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at h. m. 8 15

Height (metres)	Kms. an hour	Direction
500	20	N
1000	15	ENE
1500	15	N
2000	20	N
3000	25	NNE

General Situation

Egypt remains an area of relatively high pressure, with a shallow depression to the north, and low pressure over the Red Sea.

الحالة العمومية

لا تزال مصر منطقة ارتفاع وهناك انخفاض قريب الغور بالشمال وضغط منخفض فوق البحر الاحمر.

Forecast for 24 hours from noon to-day.

On the coast light westerly winds. Inland light to moderate north to northeast winds. Clear or occasional high cloud. Mild.

التوقعات لمدة ٢٤ ساعة من الظهر الى الظهر التالي

رياح خفيفة غربية على الساحل - ورياح بين الخفيفة والمعتدلة بين شمالية وشمالية شرقية في الداخل. السماء صحو او يظهر بها بعض السحاب العالي احيانا - درجة الحرارة معتدلة.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	71	+6	13.6	+2.4
Ezbekiya	84	+14	12.6	+2.1
Giza	88	+13	12.0	—
Helwan	79	+19	11.8	+2.6

NOTE A dash means that figures are not available

Terms of Subscription by Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

From 1.1.31 Juba has replaced Mongalla.

ابتداء من ١-١-٣١ حلت جوبا محل المنجلا.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
3.1	806	1103
2.1	804	1102

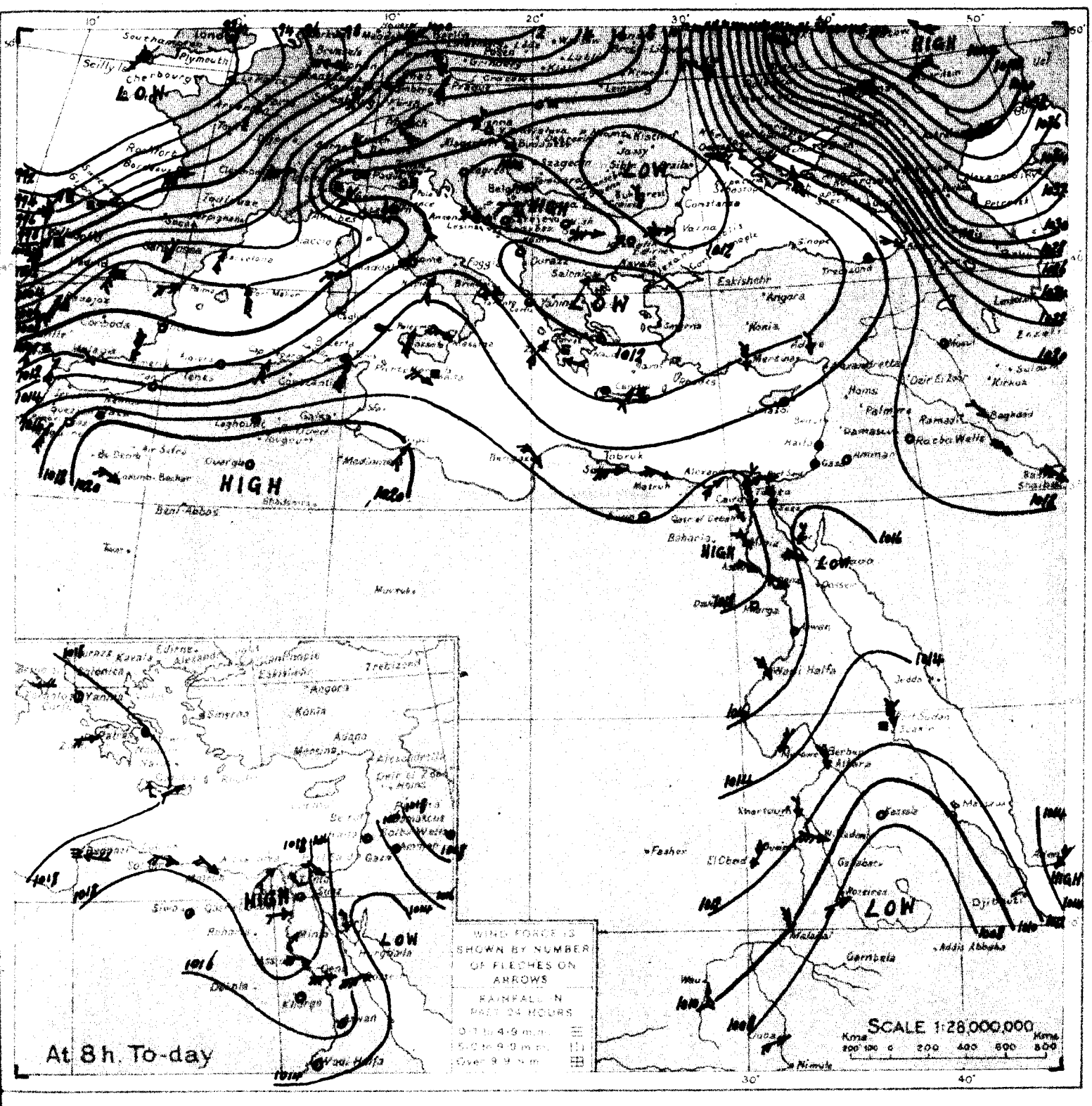
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	3.1	13.33	−0.07	13.34	−0.07
Nasser	1.1	6.04	−1.54	6.11	−1.56
Malakal	1.1	10.54	−1.16	10.58	−1.14
Roseires	4.1	12.16	−0.17	12.17	−0.18
Sennar Res.	2.1	20.71	—	20.71	—
Makwar	2.1	4.95	−1.11	4.93	−1.15
Khartoum	4.1	10.72	−0.67	10.74	−0.67
Kh. el Girba					
Atbara	4.1	10.34	−0.50	10.36	−0.50
Wadi Halfa	3.1	2.17	−0.60	2.17	−0.63
Aswan Res.	3.1	113.11	—	112.98	—
" D.S.	3.1	85.60	−0.75	85.61	−0.76
El Leithi	4.1	17.70	−0.21	17.70	−0.22
Roda (Cairo)	4.1	14.41	−0.34	14.43	−0.34

PRINTED AT THE SURVEY OF EGYPT (GOVERNMENT) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١-١-٣ Barometer and Wind at 8 h. Yesterday **3.1.31.**



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١-٣ From Observations taken at 8 h. yesterday. **3.1.31.**

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.4	+9.4	-2.9	—	0	8	10	-2	—	14	—	8	—	—	—	rain	—	329	—
	MALTA	1016.2	+5.9	-1.3	NW	2	2	15	-1	—	17	+1	14	+4	80	—	1	183	240	2
	ATHENS	1012.0	+0.1	-6.0	—	0	0	12	-3	—	—	—	—	—	80	—	—	—	180	—
	CANDIA	1013.6	-2.6	-4.4	SW	1	1	15	-1	—	18	+2	13	+3	—	—	2	243	224	1
	LIMASSOL	1016.0	-1.9	-1.6	—	0	4	14	+1		19	+2	10	+2	—	—	0	202	209	1
EGYPT and SUDAN	Siwa سيوه	1017.9	+5.5	-2.0	—	0	9	7.5	-5.0	-0.9	—	—	—	—	86	+16	0	35	3	—
	Abbas عباس	1014.0	-0.4	-0.9	N	2	0	20.5	-0.5	+0.7	32	+2	17	+3	52	+15	0	0	1	—
	Kassala كسلا	1008.6	-0.9	-4.1	—	0	0	28.5	+2.5	+5.6	36	+2	17	+1	43	-18	0	0	11	—
	Kosseir قصير	1007.5	-2.4	-4.4	WSW	1	0	25.0	+1.0	+3.0	36	0	18	+2	40	-5	0	33	37	—
	El Obeid الابيض	1012.2	-2.2	-3.7	NE	3	0	16.6	-1.7	+0.5	30	-1	14	+3	49	+13	0	17	19	—
	Malakal ملكال	1010.0	-1.0	-1.5	N	3	1	25.0	0.0	+0.8	36	+1	20	+5	22	0	0	103	93	—
	Juba جوبا	—	—	—	WSW	2	0	27.0	+1.5	—	40	—	—	—	56	—	0	67	141	—

1417 F.C.

MINISTRY OF PUBLIC WORK

DAILY WEAT

CAIRO, to-morrow

Time of sunrise 06h 52m

" " sunset 17h 09m

From Observations taken at 8 h. to-day.

Monday 5th January, 1931 — ١٩٣١ . الاثنين ٥ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1019.4	+1.1	+0.9	NNW	1	1	13.6	+1.3	+1.6	20	—	12	—	93	+20	0	46	35	1
	MATRUH	1019.5	+1.5	+0.9	—	0	1	13.6	+1.0	+2.1	19	+1	12	+4	62	−16	0	159	74	0
	ALEXANDRIA	1019.9	+1.5	+1.0	NE	1	1	17.8	+3.9	+4.4	23	+4	13	+2	72	−3	0	83	106	1
	PORT SAID	1019.0	+1.5	+1.6	ENE	3	1	18.0	+2.0	+4.4	20	+1	16	+5	78	+1	drops	33	35	3
	GAZA	—	—	—	S	1	0	12.6	−0.7	+0.7	20	+1	9	+1	81	+6	0	85	187	
	HAIFA	1016.8	+2.4	+0.4	—	0	0	16.3	+0.3	+3.2	19	+1	11	+3	68	0	0	240	336	2
LOWER EGYPT	TANTA	1019.4	+1.1	—	—	0	0	12.0	+2.0	—	22	—	9	—	93	—	0	22	—	—
	CAIRO (EZBEKIYA	1019.2	+0.9	0.0	N	1	8	10.3	−0.7	+0.6	21	+2	10	+2	97	+17	0	10	12	—
	CAIRO (GIZA	1019.0	+0.8	−0.7	NW	2	8	11.0	+2.6	—	20	+1	8	+2	100	—	0	12	10	—
	CAIRO (HELWAN	1018.7	+0.3	−0.9	N	2	8	11.8	+0.9	+1.5	20	+2	10	+2	97	+28	0	12	10	—
	SIWA	1018.4	+1.8	−1.5	—	0	0	8.0	−1.0	−0.3	—	—	—	—	85	+15	0	35	3	—
RED SEA	SUEZ	1016.8	—	−1.9	N	2	0	15.0	—	+2.4	20	0	13	+3	81	+5	0	2	15	2
	TOR	1016.0	+2.0	−2.2	NE	1	0	13.0	−1.7	+0.2	22	+1	10	+1	89	+30	0	7	9	1
	KURGHADA	1016.6	+2.2	—	WNW	4	0	16.0	+0.5	—	22	—	12	—	79	—	0	0		2
	QOSSEIR	1015.8	+1.5	—	NW	6	1	20.9	+2.2	—	23	—	17	—	60	—	0	15		5
UPPER EGYPT	GEBALI	1018.6	−0.1	−0.8	NW	1	0	13.0	+5.0	+3.9	20	+1	7	+1	91	+11	0	8		
	MINYA	1018.6	−1.3	—	NNW	1	4	10.5	+0.5	+0.6	19	−1	8	+1	100	+20	—	—		
	ASYUT	1018.6	+0.3	−1.6	WSW	2	4	9.1	−0.9	−0.6	20	0	8	+2	95	+23	0	0		
	GENA	1017.5	+1.3	—	NW	2	0	11.7	−1.4	+0.8	26	+3	9	+2	85	+19	—	—		
	KHARGA	1017.5	−0.3	—	—	0	0	11.8	+0.1	—	22	—	6	—	72	—	0	0		
	ASWAN	1016.6	0.0	−2.6	N	2	0	12.6	−1.1	−0.2	23	−1	8	−2	66	+12	—	—		
NUBIA	WADI HALFA	1015.9	−0.8	−3.3	NNE	1	0	10.8	−1.0	−0.9	23	−1	9	+1	65	+13	—	—		
	MEROWE																			
	ATBARA	1012.6	−0.9	−2.3	N	3	0	18.5	−3.0	−1.1	32	+2	14	0	44	+8	0	0	1	
	KHARTOUM	1012.4	−0.4	−1.8	N	1	0	17.5	−2.0	−1.1	31	+1	14	−1	19	−17	0	1	5	
SUDAN	PORT SUDAN	1014.3	+2.4	−1.2	N	5	4	24.6	+0.1	+0.9	29	+2	22	+2	57	−10	0	29	92	5
	KASSALA	1008.3	−0.1	−4.4	—	0	0	25.0	−4.5	+2.2	34	0	15	−1	34	−28	0	0	11	
	WAD MEDANI																			
	ROSEIRES	1007.6	−2.3	−4.3	NNE	1	0	24.0	−1.5	+2.1	34	−2	16	0	46	+1	0	33	37	
	EL FASHER																			
	EL OBEID	1011.5	−1.1	−4.4	NE	4	0	18.7	−0.4	+0.6	31	+1	11	0	42	+6	0	17	19	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 9 h. 30 m.

Height in metres	Kms. per hour	Direction
500	25	ENE
1000	30	E
1500	10	E
2000	15	SE
3000		

General Situation

The high pressure over Egypt is maintained. Over the central Mediterranean the pressure is falling; there are depressions over northern Italy and Tunis.

الحالة العمومية

لا تزال منطقة الضغط المرتفع محافظة لكيانها على مصر وأما على اواسط البحر الابيض المتوسط فالضغط في هبوط حيث يوجد انخفاضان احدهما على شمال ايطاليا والآخر على تونس .

Forecast for 24 hours from noon to day.

Winds chiefly northeasterly, light to moderate on the coast, moderate to fresh inland. Occasional medium cloud. Remaining mild.

التوقعات لنظر حصولها في الطقس من ظهر اليوم الى ظهر غد

رياح شمالية شرقية في الغالب ما بين الخفيفة والمعتدلة على الساحل والمعتدلة والشديدة نوعا في الداخل - يظهر بعض السحاب المتوسط الارتفاع احيانا - ويستمر الطقس معتدلا .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	76	+11	13.9	+2.7
Ezbekiya	77	+7	13.1	+2.7
Giza	83	+8	12.0	—
Helwan	77	+17	12.4	+3.3

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
5.1	805	1104
4.1	807	1103

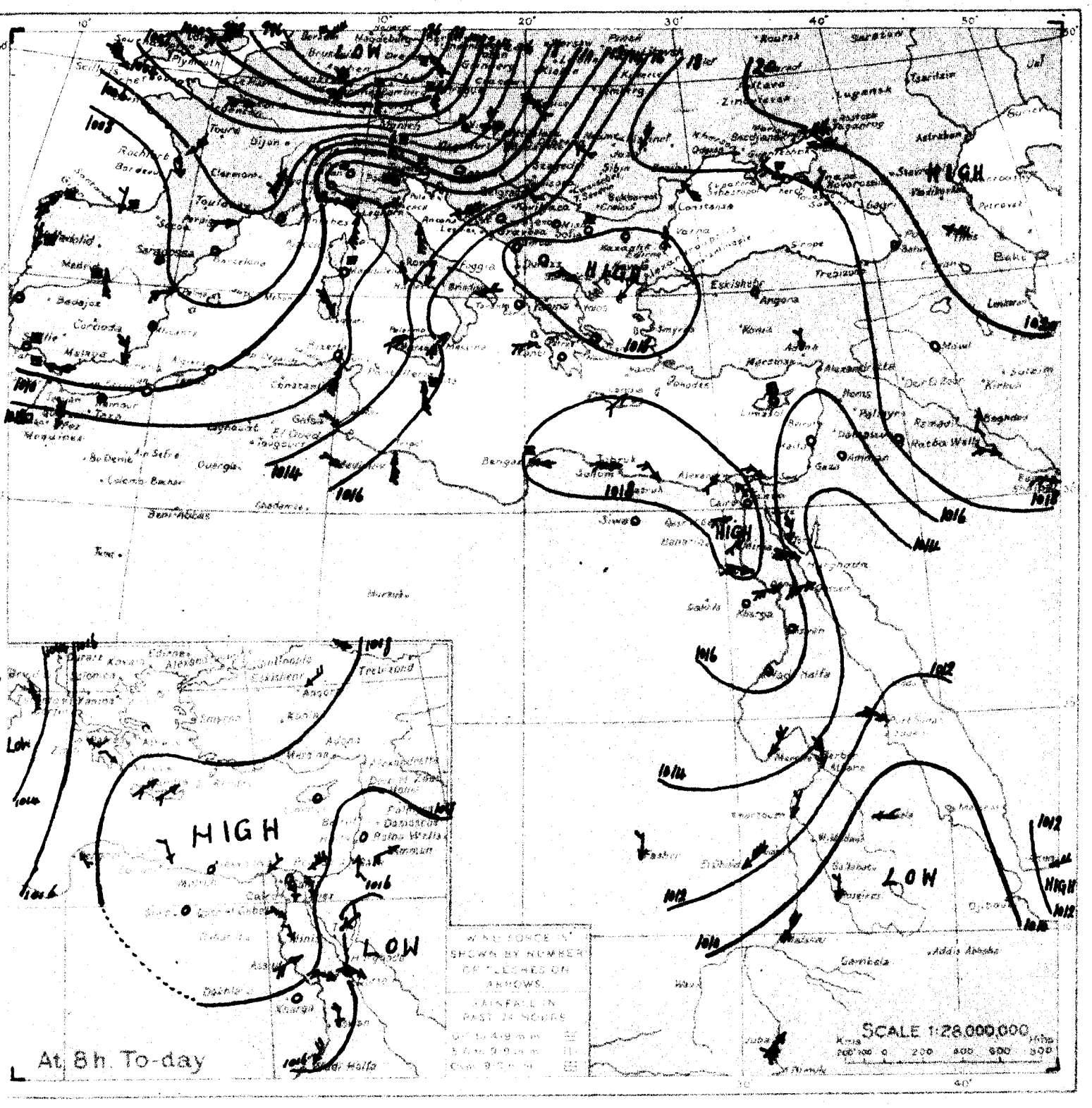
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	4.1	13.33	−0.07	13.33	−0.07
Nasser	3.1	5.93	−1.46	6.00	−1.47
Malakal	4.1	10.47	−1.13	10.49	−1.13
Roseires	4.1	12.16	−0.17	12.17	−0.18
Sennar Res.	3.1	20.70	—	20.71	—
Makwar	3.1	4.93	−1.12	4.95	−1.11
Khartoum	4.1	10.72	−0.67	10.74	−0.67
Kh. el Girba					
Atbara	5.1	10.31	−0.51	10.34	−0.50
Wadi Halfa	4.1	2.16	−0.58	2.17	−0.60
Aswan Res.	5.1	113.34	—	113.23	—
" D.S.	5.1	85.59	−0.72	85.59	−0.74
El Leithi	5.1	17.63	−0.82	17.70	−0.81
Roda (Cairo)	5.1	14.41	−0.53	14.41	−0.54

PRINTED AT THE SURVEY OF EGYPT 1930(30/550/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٤-١-٣١ Barometer and Wind at 8 h. Yesterday 4.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤-١-٣١ From Observations taken at 8 h. yesterday. 4.1.31.

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m.	
MEDITERRANEAN	ROME	1013.1	-0.3	-3.3	S	1	4	13	+3	—	14	—	9	—	70	—	—	—	332	—
	MALTA	1016.0	-0.2	-1.5	S	3	2	15	0	—	18	+2	14	+4	90	—	trace	183	242	0
	ATHENS	1018.0	+6.0	0.0	—	0	0	12	0	—	—	—	—	—	80	—	—	—	181	—
	CANDIA	1018.0	+4.4	+0.1	SW	1	1	13	-2	—	23	+7	11	+1	—	—	0	243	227	1
	LIMASSOL	1016.7	+0.7	-0.9	—	0	0	17	+3		19	+2	9	+1	—	—	14	216	212	1
EGYPT and SUDAN	Hurghada	1014.4	-0.7	—	WNW	4	0	15.5	-0.5	—	23	—	12	—	71	—	0	0	—	2
	Merowe	1014.4	0.0	-2.4	NE	2	0	16.6	-1.0	-1.2	31	+1	13	+1	40	+2	0	0	1	—
	Atbara	1013.5	-0.5	-1.4	N	3	0	21.5	+1.0	+1.8	32	+2	17	+3	29	-8	0	0	1	—
	Kassala	1008.4	-0.2	-4.3	E	1	0	29.5	+1.0	+6.7	37	+3	19	+3	32	-29	0	0	11	—
	Roseires	1009.9	+2.4	-2.0	NNE	1	0	25.5	+0.5	+3.6	33	-3	17	+1	39	-6	0	33	37	—
	El Fasher	1012.4	+1.6	—	N	1	0	14.5	-3.5	-0.4	34	+4	8	-2	43	+8	0	1	8	—
	Juba	—	—	—	SW	5	0	26.0	-1.0	—	38	—	—	—	55	—	0	67	141	—

1417 F.C.

MINISTRY OF PUBLIC WORK

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 h. 53 m.

" " sunset 17 h. 10 m.

From Observations taken at 8 h. to-day.

Tuesday 6th January, 1931 ١٩٣١ الثلاثاء ٦ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm.	m.m.	mm	
MEDITERRANEAN	SOLLUM	1017.1	-2.3	-1.4	—	0	0	13.3	-0.3	+1.4	~~20~~	—	12	—	93	+20	0	46	36	1
	MATRUH	1017.4	-2.1	-1.2	SE	2	0	12.4	-1.2	+0.9	20	+2	11	+3	74	-5	0	159	76	1
	ALEXANDRIA	1018.2	-1.7	-0.8	E	1	1	15.6	-2.2	+2.3	24	+5	14	+3	86	+11	0	83	108	2
	PORT SAID	1017.4	-1.6	0.0	~~ENE~~ E	3	0	18.0	0.0	+4.4	20	+1	17	+6	74	-3	0	33	35	3
	GAZA	—	—	—	—	0	0	11.2	-1.4	-0.6	21	+2	7	-1	83	+7	0	85	190	—
	HAIFA	1016.2	-0.6	-0.2	—	0	0	16.7	+0.4	+3.6	21	+3	11	+3	62	-6	0	240	343	2
LOWER EGYPT	TANTA	1017.5	-1.9	—	—	0	2	11.2	-0.6	—	23	—	9	—	98	—	0	22	—	—
	CAIRO (EZBEKIYA	1016.8	-2.4	-2.4	NNW	1	0	10.2	-0.1	+0.5	24	+5	9	+1	94	+14	0	10	12	—
	CAIRO (GIZA	1017.4	-1.6	-2.4	NNW	2	8	9.1	-1.9	—	22	+3	7	+1	100	—	0	12	10	—
	CAIRO (HELWAN	1016.3	-2.4	-3.3	ENE	1	0	12.6	+0.8	+2.3	23	+5	10	+2	66	-3	0	12	11	—
	SIWA	1016.4	-2.0	-3.5	—	0	0	8.1	+0.1	-0.2	—	—	—	—	85	+15	0	35	3	—
RED SEA	SUEZ	1016.4	-0.4	-2.3	N	1	0	13.0	-2.0	+0.4	23	+3	12	+2	77	+1	0	2	15	1
	TOR	1016.0	0.0	-2.3	NE	1	0	14.0	+1.0	+1.2	23	+2	10	+1	70	+11	0	7	9	1
	HURGHADA	1015.6	-1.0	—	WNW	3	0	16.0	0.0	—	24	—	10	—	55	—	0	0.	—	1
	QOSSEIR	1014.8	-1.0	—	WNW	4	0	20.0	-0.9	—	25	—	16	—	55	—	0	15	—	3
UPPER EGYPT	GEBALI	1017.1	-1.5	-2.3	NW	1	0	11.0	-2.0	+1.9	23	+4	7	+2	94	+15	0	8	—	—
	MINYA	1015.9	-2.7	—	NNW	1	0	9.0	-1.5	-0.9	20	0	6	-1	93	+13	—	—	—	—
	ASYUT	1016.7	-1.9	-3.6	WSW	2	0	10.7	+1.6	+1.1	22	+2	9	+3	94	+22	0	0	—	—
	QENA	1016.3	-1.2	—	NW	1	0	13.6	+1.9	+2.8	25	+2	9	+2	68	+2	—	—	—	—
	KHARGA	1015.2	-2.3	—	—	0	0	14.8	+3.0	—	25	—	10	—	66	—	0	0	—	—
	ASWAN	1015.1	-1.5	-4.1	SE	1	0	15.3	+2.7	+2.6	28	+4	13	+3	70	+16	—	—	—	—
NORTH SUDAN	WADI HALFA	1014.2	-1.7	-5.0	—	0	0	11.4	+0.6	-0.2	23	-1	6	-2	59	+7	—	—	—	—
	MEROWE																			
	ATBARA	1013.5	+0.9	-1.4	NE	2	0	21.0	+2.5	+1.5	31	+1	14	0	49	+13	0	0	1	—
	KHARTOUM	1011.1	-1.3	-3.1	NNE	1	0	18.0	+0.5	-0.5	30	0	16	+1	27	-9	0	1	5	—
CENTRAL SUDAN	PORT SUDAN	1012.0	-2.3	-3.5	NW	3	0	24.2	-0.4	+0.5	28	+1	19	-1	54	-13	0	29	92	3
	KASSALA																			
	WAD MEDANI	1009.6	-1.1	-3.8	WNW	2	0	20.5	-1.5	-0.3	34	0	17	+2	45	+7	0	8	13	—
	ROSEIRES	1006.3	-1.3	-5.6	NNE	1	0	25.0	+1.0	+3.1	—	—	16	0	34	-16	0	33	37	—
SOUTH SUDAN	EL FASHER			—																
	EL OBEID	1012.3	+0.8	-3.6	NE	3	1	16.1	-2.6	-2.0	31	+1	11	0	49	+13	0	17	19	—
	MALAKAL	1009.1	+0.3	-2.4	NNE	3	1	23.8	-1.4	-0.3	36	+1	19	+1	12	-16	0	103	93	—
	WAU																			
	JUBA			—						—	—	—	—	—	—	—				

Upper Wind Observations at Helwan at h. m. 8 45

Height (metres)	Knots an hour	Direction
500	20	ESE
1000	10	E
1500	5	ESE
2000	10	NE
3000	5	W

General Situation

The high pressure is slowly breaking down owing to the approach of the Mediterranean depression, which is now centred east of Malta.

الحالة العمومية

الانتقال آخذ في الاضمحلال ببطء وذلك لاقتراب انخفاض البحر الأبيض الذي يوجد الآن شرقي مالطة

Forecast for 24 hours from noon to-day.

Light to moderate winds, northeast to east inland, east becoming southeast on the coast. Clear or occasional high cloud. Little change in temperature.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة بين شمالية شرقية وشرقية في الداخل وشرقية تتحول الى جنوبية شرقية على الساحل السماء صحو أو يكدر بالسحب العالية أحيانا ولا تغير درجة الحرارة إلا قليلا

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	75	+10	15.7	+4.6
Ezbekiya	81	+11	13.3	+2.9
Giza	81	+6	14.0	—
Helwan	76	+16	13.4	+4.4

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT.150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
5-1	805	1104
4-1	807	1103

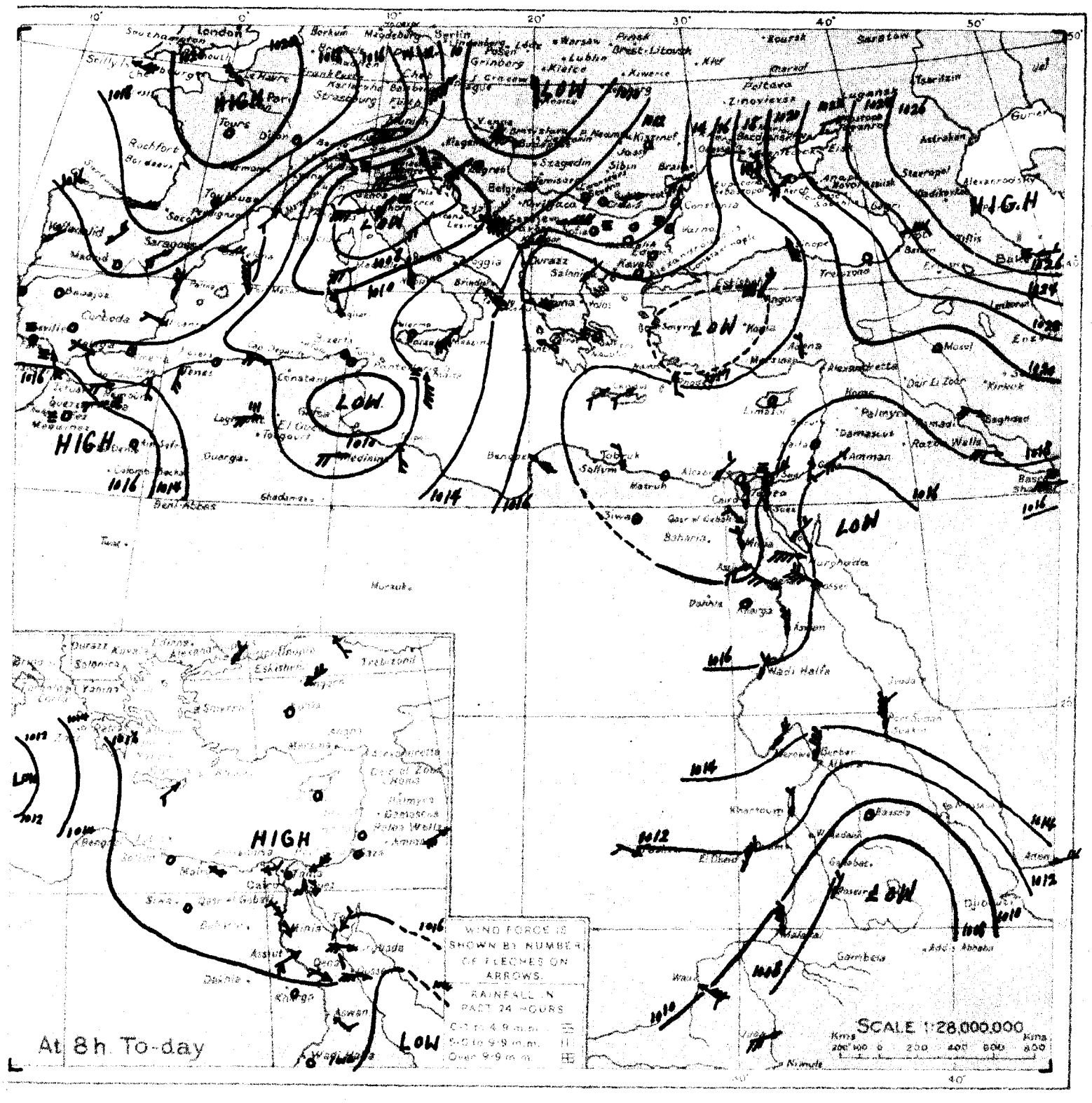
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	5-1	13.32	-0.08	13.33	-0.07
Nasser	4-1	5.89	-1.36	5.93	-1.46
Malakal	5-1	10.45	-1.12	10.47	-1.13
Roseires	6-1	12.13	-0.15	12.14	-0.16
Sennar Res.	4-1	20.71	—	20.70	—
Makwar	4-1	4.91	-1.11	4.93	-1.12
Khartoum	5-1	10.68	-0.69	10.72	-0.67
Kh. el Girba					
Atbara	5-1	10.31	-0.51	10.34	-0.50
Wadi Halfa	5-1	2.15	-0.56	2.16	-0.58
Aswan Res.	5-1	113.34	—	113.23	—
" D.S.	5-1	85.59	-0.72	85.59	-0.74
El Leithi	6-1	17.68	-0.81	17.68	-0.82
Roda (Cairo)	6-1	14.41	-0.51	14.41	-0.53

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

1931 -1-0 Barometer and Wind at 8 h. Yesterday 5-1-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

1931 -1-0 From Observations taken at 8 h. yesterday 5-1-1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.6	-3.5	-6.8	S	3	4	14	+1	—	16	—	12	—	90	—	—	—	334	—
	MALTA	1011.9	-4.1	-5.6	S	4	4	16	+1	—	20	+4	16	+6	90	—	trace	183	245	2
	ATHENS	1016.8	-1.2	-1.4	—	0	4	13	+1	—	—	—	1?	-5	80	—	trace	—	183	—
	CANDIA	1018.6	+0.6	+0.7	SW	1	2	14	+1	—	20	+5	11	+1	—	—	0	243	229	2
	LIMASSOL	1018.2	+1.5	+0.6	—	0	0	14	-3	—	21	+4	8	+1	—	—	0	216	215	1
EGYPT and SUDAN	Merowe	1014.4	0.0	-2.4	NE	2	0	15.6	-1.0	-2.2	31	+1	12	0	47	+9	0	0	1	—
	El Fasher	1011.5	-0.9	—	WNW	1	0	16.5	+2.0	+1.6	32	+2	8	-2	25	-10	0	1	8	—
	Malakal	1008.8	-1.1	-2.7	N	4	0	25.2	+0.4	+1.1	37	+2	20	+3	19	-9	0	183	93	—
	Wau	1011.8	-0.9	+0.5	SE	5	1	23.0	+1.0	-2.8	38	+3	22	+5	48	-2	0	101	146	—
	Juba	—	—	—	WSW	3	0	27.0	+1.0	—	39	—	—	—	40	—	0	67	141	—

1417 F.C.

MINISTRY OF PUBLIC WORK

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 53m

" " sunset 17h 11m

From Observations taken at 8h. to-day.

Wednesday 7th January, 1931 — ١٩٣١ — الأربعاء ٧ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. to yesterday	Rainfall: Normal since 1st Oct. to yesterday	Sea
		mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1012.0	-5.1	-6.5	~~ESE~~ SSE	1	2	12.8	-0.5	+0.9	~~18~~	—	12	—	90	+17	0	46	37	1
	MATRUH	1012.4	-5.0	-6.2	SE	2	4	13.4	+1.0	+1.9	20	+2	12	+4	75	-4	0	159	77	1
	ALEXANDRIA	1014.0	-4.2	-5.0	ESE	1	1	14.8	-0.8	+1.5	23	+4	13	+2	87	+12	0	83	109	2
	PORT SAID	1013.6	-3.8	-3.9	SE	3	3	15.2	-2.8	+1.7	21	+2	14	+3	97	+20	0	33	36	2
	GAZA	—	—	—	—	0	0	13.6	+2.4	+1.8	20	+1	8	0	75	-1	0	85	193	
	HAIFA	1013.5	-2.7	-2.9	SSE	1	2	15.7	-1.0	+2.7	22	+4	11	+3	57	-11	0	240	349	2
LOWER EGYPT	TANTA	1014.0	-3.5	—	N	1	4	11.2	0.0		23	—	10	—	98		0	22		
	EZBEKIYA	1013.0	-3.8	-6.2	N	1	8	8.5	-1.7	-1.1	24	+5	8	+1	94	+14	0	10	13	
	GIZA	1013.1	-4.3	-6.7	—	0	8	7.4	-1.7	—	24	+5	7	+1	100	—	0	12	11	
	HELWAN	1013.0	-3.3	-6.6	—	0	0	12.4	-0.2	+2.2	25	+7	11	+3	70	+1	0	12	11	
	SIWA	1009.8	-6.6	-10.1	—	0	0	8.4	+0.3	+0.1	—	—	—	—	88	+18	0	35	3	
RED SEA	SUEZ	1012.8	-3.6	-5.9	N	2	1	11.0	-2.0	-1.5	24	+4	10	0	87	+11	0	2	15	1
	TOR	1013.5	-2.5	-4.8	NE	2	0	13.6	-0.4	+0.9	23	+2	10	+1	71	+12	0	7	9	2
	HURGHADA	1013.9	-1.7	—	WNW	3	0	16.7	+0.7		24	—	11		76		0	0		1
	QOSSEIR	1013.4	-1.4	—	W	4	0	19.9	-0.1		26	—	16		56		0	15		3
UPPER EGYPT	BENI SUEF	1013.8	-3.3	-5.7	ESE	1	0	9.5	-1.5	+0.5	22	+3	6	+1	94	+15	0	8		
	MINYA	1013.3	-2.6	—	NW	1	0	10.0	+1.0	+0.2	23	+3	6	0	80	0				
	ASSIUT	1013.6	-3.1	-6.7	SW	2	0	11.1	+0.4	+1.6	25	+5	8	+2	64	-8	0	0		
	GIRGA	1014.3	-2.0		NW	1	0	14.2	+0.6	+3.4	28	+5	10	+3	68	+2				
	KHARGA																			
	ASWAN	1013.4	-1.7	-5.8	N	1	0	15.2	-0.1	+2.5	29	+5	12	+2	59	+5				
NUBIA	WADI HALFA	1012.0	-2.2	-7.2	—	0	0	12.6	+1.2	+1.0	30	+6	8	0	55	+3				
	KERMA																			
	ABBARA																			
	KHARTOUM	1011.0	-0.1	-3.2	N	1	3	19.1	+1.1	+0.6	32	+2	—	—	34	-2	0	1	5	
SOUTH SUDAN		1013.0	+1.0	-2.5	NW	1	3	25.3	+1.1	+1.7	28	+1	20	0	41 40	-27	0	29	93	1
	KASSALA																			
	WAD MEDANI																			
	SENNAR RES.																			
KORDOFAN	EL FASHER																			
	EL OBEID																			
	MALAKAL	1009.4	+0.3	-2.1	NE	1	2	24.0	+0.2	-0.1	37	+2	19	+1	28	0	0	103	93	
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 8h 30m

Height in metres	Kms. an hour	Direction
500	15	ESE
1000	15	S
1500	15	SW
2000	15	S
3000	25	SSW

General Situation

Pressure in Egypt continues to fall, especially in the west. A depression, now centred west of Siwa Oasis, is approaching Egypt.

الحالة العامة

يستمر الضغط على مصر في الهبوط خصوصا في الغرب حيث يوجد انخفاض يقع الآن غرب واحة سيوه وهو يتقدم نحو مصر

Forecast for 24 hours from noon to-day.

Light to moderate winds, easterly on the coast, northeast becoming southeast inland tomorrow. Clear at first, high cloud later. Light rain probable on the coast tomorrow. Mild.
Further outlook: Becoming changeable.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم

رياح بين الخفيفة والمعتدلة شرقية على الساحل وشمالية شرقية تتحول الى جنوبية شرقية غدا في الداخل. الجو صحو أولا ثم يتكون السحاب العالي ويحتمل أن تمطر خفيفا غدا على الساحل والجو معتدل. وتكون إذا نظرنا بعيدا فيما يتعلق بالحالة الجوية في المستقبل

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	79	+13	15.4	+4.4
Ezbekiya	81	+11	12.6	+2.2
Giza	80	+6	12.7	—
Helwan	54	-5	12.3	+3.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
6-1	804	1104
5-1	805	1104

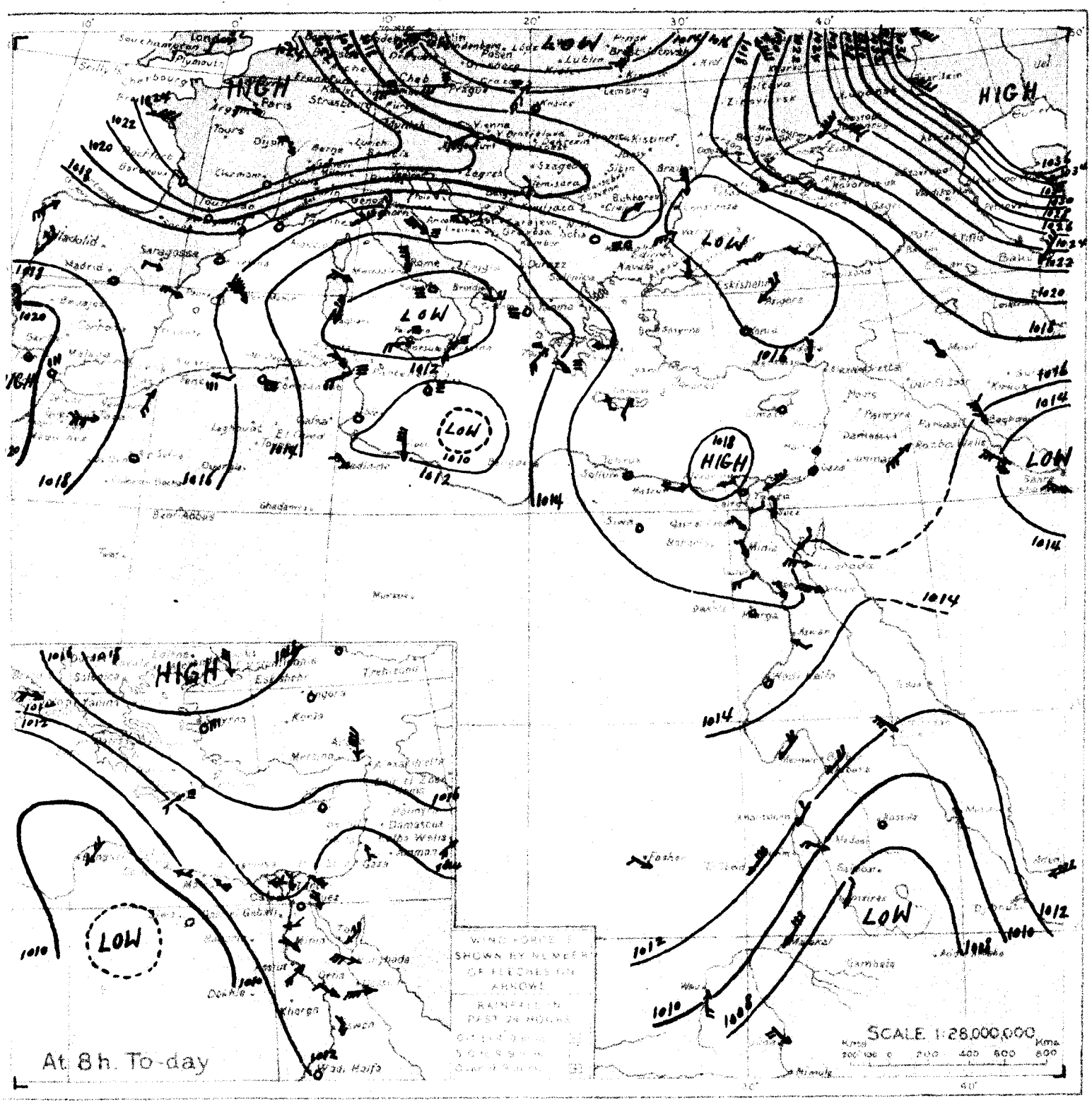
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Reading m.	Diff. from normal m.
Juba	6-1	13.33	-0.06	13.32	-0.08
Nasser	6-1	5.80	-1.29	5.83	-1.33
Malakal	6-1	10.43	-1.11	10.45	-1.12
Roseires	7-1	12.12	-0.13	12.13	-0.15
Sennar Res.	6-1	20.70	—	20.70	—
Makwar	6-1	4.86	-1.12	4.94	-1.06
Khartoum	6-1	10.67	-0.68	10.68	-0.69
Kh. el Girba					
Atbara	7-1	10.29	-0.50	10.30	-0.50
Wadi Halfa	7-1	2.10	-0.57	2.12	-0.57
Aswan Res.	6-1	113.44	—	113.34	—
" D.S.	6-1	85.56	-0.73	85.59	-0.72
El Leithi	7-1	17.65	-0.82	17.68	-0.81
Roda (Cairo)	7-1	14.39	-0.52	14.41	-0.51

PRINTED AT THE SURVEY OF EGYPT 1929(29/569/1) 1930 (30/536)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١ -١-٦ Barometer and Wind at 8 h. Yesterday 6-1-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Free aliens	8
Confused	9

١٩٣١ -١-٦ From Observations taken at 8 h. yesterday 6-1-1931

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012·0	+2·4	-4·4	N	3	3	9	-5	—	16	—	9	—	80	—	—	—	337	—
	MALTA	1010·5	-1·4	-7·0	—	0	8	14	-2	—	18	+3	14	+4	90	—	trace	183	247	0
	ATHENS	1016·0	-0·8	-2·2	E	1	4	14	+1	—	—	—	13	+7	70	—	—	—	185	—
	CANDIA	1017·5	-1·1	-0·4	SW	1	3	14	0	—	21	+6	11	+1	—	—	0	243	232	1
	LIMASSOL	1017·2	-1·0	-0·4	—	0	0	16	+2	—	20	+3	9	+2	—	—	0	216	218	1
EGYPT and SUDAN	Merowe مروى	1012·4	-2·0	-4·4	NE	2	0	17·6	+2·0	-0·1	30	0	11	-1	41	+3	0	0	1	—
	Kassala كسلا	1008·3	0·0	-4·4	—	0	0	25·0	0·0	+2·3	34	0	15	-1	34	-28	0	0	11	—
	El Fasher الفاشر	—	—	—	WNW	1	1	15·0	-1·5	+0·1	33	+3	—	—	25	-10	0	1	8	—
	Wau واو	1011·0	-0·8	-0·3	S	2	1	22·0	-1·0	-3·8	38	+3	16	-1	50	0	0	101	146	—
	Juba جوبا	—	—	—	NW	2	3	25·5	-1·5	—	37	—	—	—	45	—	0	67	141	—

1417 F.C.

MINISTRY OF PUBLIC WORK

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 53

" " sunset 17 11

From Observations taken at 8 h. to-day.

Thursday 8th January, 1931 — الخميس ٨ يناير ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1005.1	-6.9	-13.4	ESE	2	4	15.4	+2.6	+3.5	18	—	12	—	76	+3	3	49	38	3
	MATRUH	1007.0	-5.4	-11.6	NE	2	3	15.2	+1.8	+3.8	20	+2	13	+5	68	-11	0	159	79	1
	ALEXANDRIA	1007.5	-6.5	-11.5	SE	1	4	14.3	-0.5	+1.0	23	+4	12	+1	71	-4	0	83	111	2
	PORT SAID	1010.3	-3.3	-7.2	S	3	1	14.9	-0.3	+1.4	21	+2	13	+2	70	-7	0	33	37	2
	GAZA	—	—	—	SW	1	0	12.8	-0.8	+1.1	23	+5	10	+2	78	+2	0	85	196	
	HAIFA	1011.2	-2.3	-5.2	SSE	1	0	16.6	+0.9	+3.6	21	+3	11	+3	59	-9	0	240	356	3
LOWER EGYPT	TANTA	1010.7	-3.3	—	E	1	4	12.4	+1.2	—	24	—	10	—	79	—	0	22	—	—
	DAIRA EZBEKIYA	1009.5	-3.5	-9.7	ESE	1	3	13.1	+4.6	+3.5	24	+5	8	+1	67	-13	0	10	13	—
	GIZA	1009.9	-3.2	-9.9	SE	1	3	13.0	+5.6	—	26	+7	7	+1	74	—	0	12	11	—
	HELWAN	1010.0	-3.0	-9.6	—	0	3	15.5	+3.1	+5.3	24	+6	14?	+6	56	-13	0	12	11	—
	SIWA	1006.4	-3.4	-13.5	—	0	3	12.0	+3.6	+3.8	—	—	—	—	71	+1	0	35	3	—
RED SEA	SUEZ	1009.6	-3.2	-9.1	S	3	0	17.5?	+6.5	+5.0	23	+3	11	+1	61	-15	0	2	16	2
	TOR	1012.2	-1.3	-6.1	NE	2	0	14.6	+1.0	+1.9	24	+3	10	+1	64	+5	0	7	9	2
	HURGHADA	1011.9	-2.0	—	SSW	3	0	16.4	-0.3	—	20	—	10	—	69	—	0	0	—	1
	QOSSEIR	1011.5	-1.9	—	WNW	3	0	20.8	+0.9	—	25	—	17	—	62	—	0	15	—	1
UPPER EGYPT	GEBALI	101-	—	—	NW	1	0	10.6	+1.1	+1.6	24	+5	8	+3	87	+8	0	8	—	—
	MINYA	1010.6	-2.7	—	SSW	2	0	13.0	+3.0	+3.2	24	+4	8	+2	66	-14				
	ASYUT	1011.1	-2.5	-9.2	SSE	3	0	13.2	+2.1	+3.8	24	+4	10	+4	75	+3	0	0		
	QENA	1012.7	-1.6	—	NNE	2	0	13.5	-0.7	+2.3	25	+2	9	+2	72	+6				
	KHARGA	1011.5	-1.1	—	—	0	0	13.6	-2.4	—	28	—	7	—	50	—	0	0	—	—
	ASWAN	1012.3	-1.1	-6.9	—	0	0	15.2	0.0	+2.5	29	+5	12	+2	53	-1	—	—	—	—
NUBIA	WADI HALFA	1011.2	-0.8	-8.0	—	0	0	13.4	+0.8	+1.9	32	+8	9	+1	52	0	—	—	—	—
	MEROWE	1011.8	+1.0	-5.0	NE	2	0	18.6	+1.0	+1.0	33	+3	10	-2	51	+13	0	0	1	—
	ATBARA																			
	KHARTOUM	1011.5	+0.5	-2.7	N	1	0	19.0	-0.1	+0.6	33	+3	17	+2	35	-1	0	1	5	—
SUDAN	PORT SUDAN	1013.1	+0.1	-2.4	N	1	0	24.1	-1.2	+0.6	29	+2	—	—	74	+7	0	29	93	1
	KASSALA																			
	WAD MEDANI	1011.4	+3.4	-2.0	W	2	0	20.0	-2.5	-0.7	36	+2	16	+1	32	-6	0	8	13	—
	ROSEIRES																			
	EL FASHER	1010.2	+0.7		NW	1	0	17.0	+1.5	+2.2	34	+4	—	—	26	-9	0	1	8	—
	EL OBEID	1010.7	+0.1	-5.3	NNE	3	0	20.2	+1.0	+2.2	32	+2	13	+2	53	+17	0	17	19	—
	MALAKAL	1010.3	+0.9	-1.2	NNE	2	2	25.0	+1.0	+0.9	37	+2	19	+1	24	-3	0	103	93	—
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at H. M. 9 00

Height (Metres)	Kms an hour	Direction
500	35	S
1000	35	SSW
1500	30	SSW
2000	25	SW
3000	50	SW

General Situation

The depression has deepened and is now situated over the western desert. Pressure over Egypt and the eastern Mediterranean is falling rapidly.

الحالة الجوية

قد ازداد المنخفض غورا وهو الآن فوق الصحراء الغربية والضغط آخذ في الهبوط بسرعة فوق مصر وشرقي البحر الابيض المتوسط.

Forecast for 24 hours from noon to-day.

Inland moderate to fresh southerly winds. On the coast light to moderate easterly winds becoming northwesterly later. Some high cloud at first, low cloud developing later. Showers in the north. Temperature remaining above normal.

تنبؤات لغاية ظهر اليوم التالي

رياح بحرية المعتدلة والنسيم جنوبية في الداخل - ورياح بحرية الخفيفة والمعتدلة شرقية تتحول الى شمالية غربية فيما بعد على الساحل - يظهر بعض السحاب العالي اولا ثم يعقبه سحاب منخفض - نساقط يزداد في الشمال - تستمر درجة الحرارة فوق المعدل.

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	83	+17	14.9	+3.9
Ezbekiya	76	+6	11.4	+1.1
Giza	87	+13	11.6	—
Helwan	51	-8	11.9	+2.9

NOTE A dash means that figures are not available

Terms of Subscription. By Inland Post, PT 100 annually

" " Abroad PT. 150 "

Remarks

Mongalla river gauge readings for Dec. 30, 31, 1930 were 11.51 & 11.51 m.

ملاحظة - قراءة النهر بمقياس المنجلا يومي ٣٠ و ٣١ ديسمبر ١٩٣٠ هما ١١,٥١ و ١١,٥١ مترا.

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
8.1	811	1101
7.1	805	1103

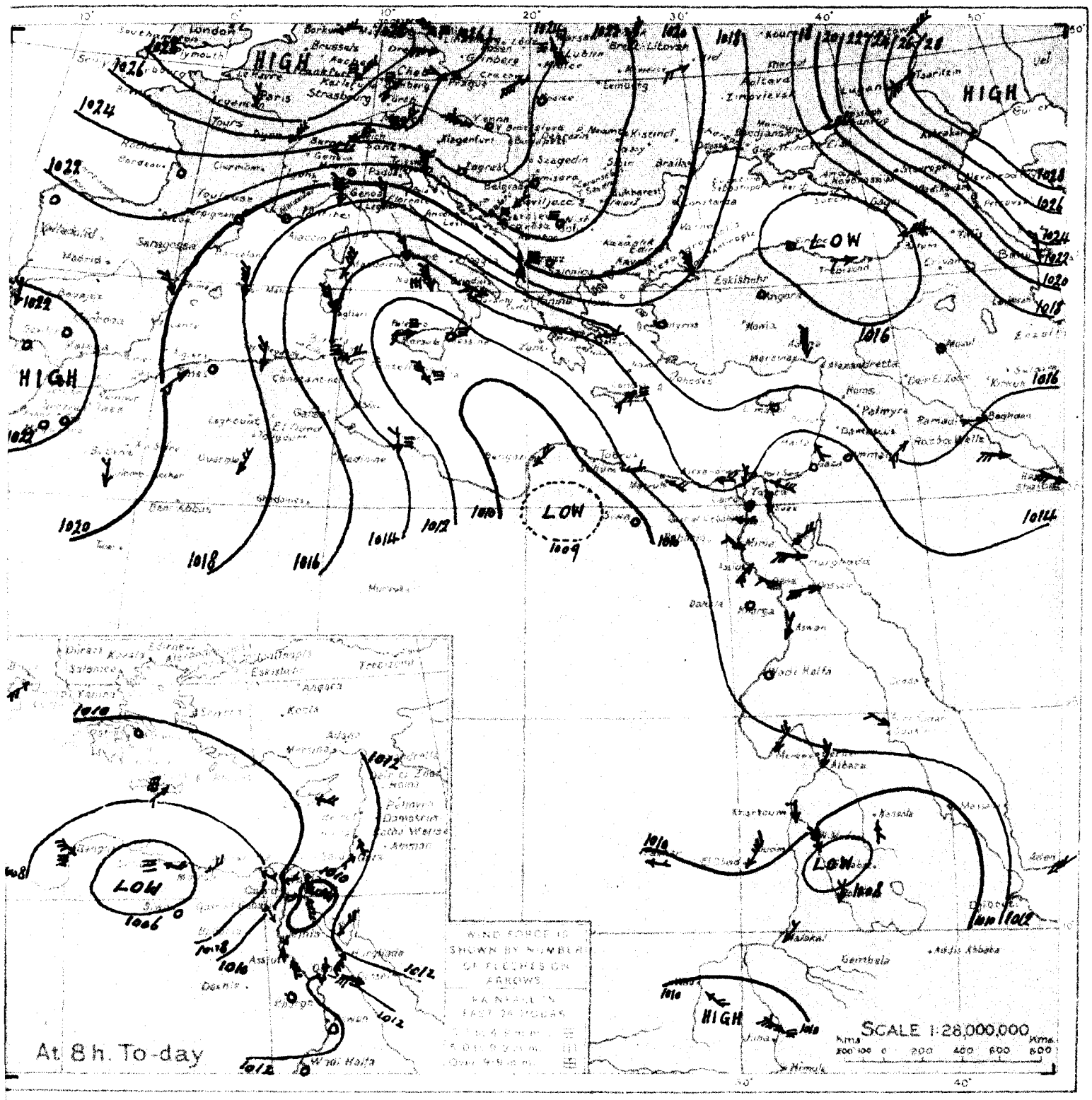
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	7.1	13.32	-0.07	13.33	-0.06
Nasser	7.1	5.80	-1.20	5.80	-1.29
Malakal	8.1	10.39	-1.08	10.41	-1.09
Roseires	8.1	12.10	-0.14	12.12	-0.13
Sennar Res.	7.1	20.71	—	20.70	—
Makwar	7.1	4.84	-1.13	4.86	-1.12
Khartoum	7.1	10.67	-0.66	10.67	-0.68
Kh. el Girba					
Atbara	8.1	10.28	-0.51	10.29	-0.51
Wadi Halfa	8.1	2.08	-0.57	2.10	-0.57
Aswan Res.	8.1	113.64	—	113.55	—
" D.S.	8.1	85.56	-0.69	85.56	-0.71
El Leithi	8.1	17.65	-0.80	17.65	-0.82
Roda (Cairo)	8.1	14.36	-0.54	14.39	-0.52

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١-١-٧ Barometer and Wind at 8 h. Yesterday 7.1.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١-٧ From Observations taken at 8 h yesterday. 7.1.31.

	STATION	BAROMETER Reduced to Sea Level	Change in last 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in last 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.8	+1.8	-2.8	N	2	4	7	-2	—	13	—	6	—	60	—	—	—	339	—
	MALTA	1011.0	+0.5	-6.5	NNW	3	4	14	0	—	17	+2	13	+3	70	—	trace	183	250	2
	ATHENS	1013.5	-2.5	-4.8	E	1	5	13	-1	—	—	—	—	—	90	—	—	—	187	—
	CANDIA	1013.9	-3.6	-3.9	SW	1	4	15	+1	—	21	+6	13	+3	—	—	drops	243	235	2
	LIMASSOL	1014.3	-2.9	-3.5	—	0	2	13	-3		20	+3	9	+2	—	—	0	216	222	1
EGYPT and SUDAN	Kharga	1012.6	-2.6	—	—	0	0	16.0	+1.2	—	28	—	8	—	48	—	0	0	—	—
	Merowe	1010.8	-1.6	-6.0	NE	2	0	17.6	0.0	-0.1	31	+1	10	-2	45	+7	0	0	1	—
	Atbara	—	—	—	NNE	2	0	19.5	-1.5	0.0	31	+1	14	0	63	+27	0	0	1	—
	Kassala	1008.3	0.0	-4.4	S	1	0	25.5	+0.5	+2.8	34	0	15	-1	32	-30	0	0	11	—
	Wad Medani	1008.0	-1.6	-5.4	N	3	0	22.5	+2.0	+1.8	35	+1	17	+2	34	-4	0	8	13	—
	Roseires	1008.7	+2.4	-3.2	NNE	1	0	24.5	-0.5	+2.6	35	-1	16	0	50	+6	0	33	37	—
	El Fasher	1009.5	-0.9	—	ESE	1	0	15.5	+0.5	+0.6	31	+1	8	-2	36	+1	0	1	8	—
	El Obeid	1010.6	-1.7	-5.3	NE	4	1	19.2	+3.1	+1.2	30	0	12	+1	46	+10	0	17	19	—
	Wau	1011.4	+0.4	+0.1	SE	2	0	22.0	0.0	-3.8	38	+3	17	0	87	+37	0	101	146	—
	Juba	—	—	—	NW	5	4	23.5	-2.0	—	34	—	17	—	83	—	1	68	141	—

1417 F.C.

MINISTRY OF PUBLIC WORK

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 h 53 m

" sunset 17 h 12 m

From Observations taken at 8 h. to-day.

Friday 9th January, 1931 ١٩٣١ الجمعة ٩ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Normal to Date	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1004.3	-0.8	-14.2	NSW	4	3	12.1	-3.3	+0.3	17	—	10	—	80	+7	0	49	39	5
	MATRUH	1008.8	+1.8	-9.9	NSW	3	0	12.2	-3.0	+0.8	20	+2	10	+2	87	+8	0	159	80	4
	ALEXANDRIA	1011.4	+3.9	-7.6	SSW	3	0	12.8	-1.5	-0.4	24	+5	11	0	80	+6	0	83	113	2
	PORT SAID	1011.5	+1.2	-6.0	W	2	8	15.0	+0.1	+1.6	25	+6	14	+3	81	+4	3	36	37	1
	GAZA	—	—	—	S	1	2	14.9	+2.1	+3.2	21	+3	12	+4	86	+10	5	90	199	—
	HAIFA	1011.9	+0.7	-4.4	—	0	4	16.6	0.0	+3.6	24	+6	13	+5	69	+1	0	240	363	1
LOWER EGYPT	TANTA	1012.0	+1.3	—	SE	1	0	12.2	-0.2	—	24	—	11	—	88	—	dr.	22	—	—
	EZBEKIYA	1013.4	+3.9	-5.8	SSE	2	8	13.0	-0.1	+3.4	22	+3	12	+5	80	0	dr.	10	13	—
	GIZA	1012.8	+2.9	-7.0	SSE	2	8	12.7	-0.3	—	22	+3	10	+4	83	—	tr.	12	11	—
	HELWAN	1013.0	+3.0	-6.6	NNW	2	0	12.3	-3.2	+2.2	22	+4	12	+4	83	+14	0	12	12	—
	SIWA	1011.0	+4.6	-8.9	—	0	0	11.1	-0.9	+2.9	—	—	10	+6	73	+3	0	35	3	—
RED SEA	SUEZ	1010.3	+0.7	-8.4	NW	4	4	16.0	-1.5	+3.6	22	+2	9	-1	74	-2	8	10	16	3
	TOR	1010.4	-1.8	-7.9	S	2	1	22.1	+7.5	+9.5	25	+4	14	+5	58	-1	0	7	9	2
	HURGHADA	1010.7	-1.2	—	SSW	3	1	18.4	+2.0	—	26	—	16	—	77		0	0		1
	QOSSEIR	—	—	—	W	2	0	20.9	+0.1	—	26	—	18	—	74	—	0	15		1
UPPER EGYPT	GERALI	1013.8	—	-5.7	S	1	0	10.0	-0.6	+1.0	27	+8	9	+4	94	+15	0	8		
	MINYA	1014.4	+3.8	—	NNW	2	0	12.0	-1.0	+2.3	25	+5	9	+3	83	+3				
	ASYUT	1014.8	+3.7	-5.5	W	2	0	12.8	-0.4	+3.4	25	+5	12	+6	75	+3	0	0		
	QENA	1013.0	+0.3	—	W	3	0	15.0	+1.5	+4.4	25	+2	10	+3	56	-11				
	KHARGA	1014.4	+2.9	—	—	0	1	13.0	-0.6	—	27	—	9	—	70		0	0		—
	ASWAN	1012.8	+0.5	-6.4	—	0	0	16.0	+0.8	+3.4	31	+7	12	+2	41	-13				
	WADI HALFA	1012.3	+1.1	-6.9	—	0	0	13.0	-0.4	+1.5	32	+8	8	0	39	-13				
	HEFOWE	1012.0	+0.2	-4.8	ENE	1	0	17.6	-1.0	+0.1	34	+4	12	0	59	+21	0	0	1	
	ATBARA	1013.8	+0.4	-1.1	N	2	0	19.5	-0.5	+0.1	30	0	14	0	39	+3	0	0	1	
	KHARTOUM	1011.5	0.0	-2.7	—	0	3	20.5	+1.5	+2.1	35	+5	18	+3	32	-4	0	1	5	
SUDAN	PORT SUDAN	1012.0	-1.1	-3.5	—	0	2	24.5	+0.4	+1.0	29	+2	20	0	76	+9	0	29	94	1
	KASSALA	~~1010.6~~	+2.3	-2.1	—	0	0	21.5	-4.5	-1.1	36	+2	15	-1	46	-16	0	0	11	
	WAD MEDANI																			
	ROSEIRES																			
EQUATORIAL PROVINCE	EL FASHER	1010.3	+0.1	—	WSW	1	0	17.0	0.0	+2.2	36	+6	10	0	34	-1	0	1	8	
	EL OBEID	1009.5	-1.2	-6.5	SSW	3	0	24.1	+3.9	+6.2	35	+5	13	+2	44	+8	0	17	19	
	MALAKAL	1010.6	+0.3	-0.9	NE	1	2	25.1	+0.1	+1.0	36	+1	20	+2	26	-1	0	103	93	
	WAU	1009.4	-0.4	-1.8	S	3	1	24.0	+1.0	-1.8	37	+2	19	+2	69	+20	0	101	146	
	JUBA	—	—	—	NE	5	0	26.0	-1.0	—	37	—	—	—	66	—	1	75	141	

Upper Wind Observations at Helwan at h. m.

Height	Knots an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to-day. التوقعات لمدة ٢٤ ساعة من ظهر اليوم

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	57	-9	13.5	+2.5
Ezbekiya	53	-17	12.8	+2.5
Giza	59	-15	13.2	—
Helwan	41	-18	12.8	+3.8

NOTE A dash means that figures are not available

Terms of Subscription. By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
9.1	814	1104
8.1	811	1101

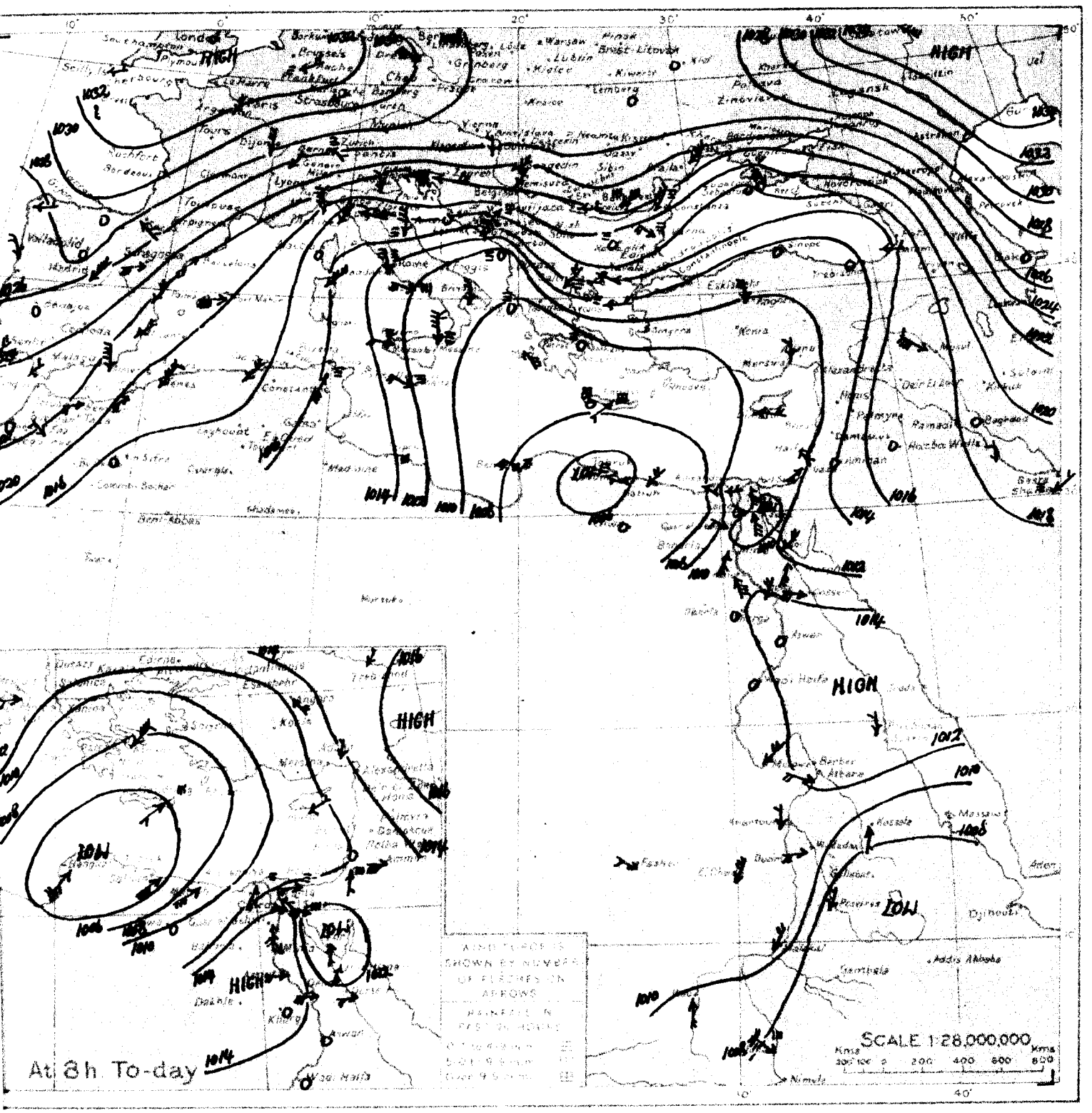
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	8.1	13.33	-0.06	13.33	-0.07
Nasser	7.1	5.80	-1.20	5.80	-1.29
Malakal	9.1	10.36	-1.06	10.39	-1.08
Roseires	9.1	12.08	-0.14	12.10	-0.14
Sennar Res.	7.1	20.71	—	20.70	—
Makwar	7.1	4.64	-1.13	4.66	-1.12
Khartoum	9.1	10.64	-0.67	10.65	-0.67
Kh. el Girbd					
Atbara	9.1	10.27	-0.51	10.28	-0.51
Wadi Halfa	9.1	2.05	-0.57	2.08	-0.57
Aswan Res.	9.1	113.74	—	113.64	—
" D.S.	9.1	85.56	-0.67	85.56	-0.69
El Leithi	9.1	17.64	-0.80	17.65	-0.80
Roda (Cairo)	9.1	14.34	-0.54	14.36	-0.54

PRINTED AT THE SURVEY OF EGYPT 1920(25/659/1) 1930 (50/556)

PHYSICAL DEPARTMENT.

R REPORT.

٣١ - ١ - ٨ Barometer and Wind at 8 h. Yesterday 8.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ١ - ٨ From Observations taken at 8 h yesterday 8.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.7	-1.1	-3.9	N	3	4	7	0	—	9	—	6	—	60	—	tr.	—	342	—
	MALTA	1010.4	-0.6	-7.2	NW	2	5	12	-2	—	16	+1	11	+1	90	—	4	187	252	2
	ATHENS	1009.8	-3.7	-8.5	—	0	5	12	-1	—	—	—	11	+5	80	—	1	—	188	—
	CANDIA	1008.7	-5.2	-9.1	SW	1	4	13	-2	—	29	+14	12	+3	—	—	29	272	238	2
	LIMASSOL	1010.2	-4.1	-7.6	ESE	2	4	16	+3	—	19	+2	8	+1	—	—	0	216	225	2
EGYPT and SUDAN	Alburn	1013.4	—	-1.5	WNW	2	0	20.0	+0.5	+0.6	29	-1	14	0	55	+19	0	0	1	—
	Kassala	1006.3	0.0	-4.4	S	1	0	26.0	+0.5	+3.4	35	+1	15	-1	30	-32	0	0	11	—
	Roseires	1006.8	-1.9	-5.1	NNE	1	0	22.5	-2.0	+0.7	37	+1	15	-1	41	-3	0	33	37	—
	Wau	1009.8	-1.6	-1.5	S	2	1	23.0	+1.0	-2.8	39	+4	18	+1	82	+33	0	101	146	—
	Juba	—	—	—	NW	6	2	27.0	+3.5	—	34	—	—	—	63	—	6	74	141	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 53

" " sunset 17 13

From Observations taken at 8 h. to-day.

Saturday 10th January, 1931 ١٩٣١ السبت ١٠ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
								°C	°C	°C	°C	°C	°C	°C	%		mm.	mm	mm	
MEDITERRANEAN	SOLLUM	1088.8	+4.5	-9.7	~~SW~~ WNW	4	3	9.3	-2.8	-2.5	~~45~~		8		83	+15	2	51	39	6
	MATRUH	1011.1	+2.3	-7.6	SW	3	3	9.2	-3.0	-2.1	19	+1	8	0	81	+2	0	159	82	4
	ALEXANDRIA	1013.4	+2.0	-5.6	SSW	3	2	10.6	-2.2	-2.6	20	+1	10	-1	65	-9	0	83	114	4
	PORT SAID	1014.2	+2.7	-3.3	SW	4	7	12.8	-2.2	-0.5	20	+1	12	+1	70	-7	0	36	38	3
	GAZA	—	—	—	—	0	8 4	14.7	-0.2	+3.1	23	+5	13	+5	81	+5	0	90	202	—
	HAIFA	1012.0	+0.1	-4.3	—	0	4	12.7	-3.9	-0.2	22	+4	9	+1	63	-5	3	243	369	4
LOWER EGYPT (DELTA)	TANTA	1014.6	+2.6		S	1	0	10.0	-2.2		21		9		79		0	22		—
	EZBEKIYA	1015.2	+1.8	-4.0	SSE	3	8	7.8	-3.2	+0.3	20	+1	9	+2	71	-9	0	10	14	—
	GIZA	1015.5	+2.7	-4.3	S	2	3	8.9	-3.8	—	20	+1	8	+2	78	—	0	12	11	—
	HELWAN	1015.8	+2.8	-3.8	S	3	0	8.9	-3.4	-1.2	23	+5	8	0	71	+2	0	12	12	—
	SIWA	1011.8	+0.8	-8.1	SW	1	0	10.6	-0.5	+2.4	—	—	—	—	61	-9	0	35	3	
RED SEA	SUEZ	1014.2	+3.9	-4.4	S	2	2	15.0	-1.0	+2.6	20	0	13	+3	57	-19	0	10	16	1
	TOR	1016.0	+5.6	-2.3	NW	4	2	17.2	-4.9	+4.6	26	+5	12	+3	51	-8	0	7	9	5
	HURGHADA	1015.1	+4.4	—	NNW	4	0	17.0	-1.4	—	27	—	15		37		0	0		2
	QOSSEIR	1014.8	—	—	~~NW~~ WNW	3	0	19.9	-1.0	—	29	—	16		42		0	15		1
UPPER EGYPT	SOHAG	1015.1	+1.3	-4.4	SSW	1	0	9.5	-0.5	+0.6	20	+1	7	+2	88	+9	0	8		
	MINYA	[illegible]	—		NNE	1	0	10.0	-2.0	+0.3	20	0	6	0	62	-18				
	ASYUT	1018.4	+3.6	-1.9	SW	2	0	9.2	-3.6	-0.1	20	0	8	+2	75	+3	0	0		
	QENA	1017.0	+4.0	—	WNW	1	0	13.0	-2.0	+2.4	25	+2	10	+3	67	0				
	KHARGA	1018.7	+4.3		—	0	0	12.0	-1.0	—	24	—	7		54		0	0		
	ASWAN	1016.3	+3.5	-2.9	NNE	3	3	15.0	-1.0	+2.4	27	+3	11	+1	41	-13				
SUDAN	WAD HALFA	1016.2	+3.9	-3.0	—	0	0	12.2	-0.8	+0.8	28	+4	11	+3	56	+4				
	MEROWE	1013.5	+1.5	-3.3	NE	2	0	19.6	+2.0	+2.2	36	+6	12	0	29	-9	0	0	1	
	ATBARA																			
	KHARTOUM	1011.4	-0.1	-2.8	—	0	1	20.0	-0.5	+1.7	35	+5	19	+4	31	-4	0	1	5	
	PORT SUDAN	1011.9	-0.1	-3.6	SW	2	0	25.4	+0.9	+1.9	31	+4	20	0	85	+18	0	29	94	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES																			
	EL FASHER	1008.0	-2.3		WNW	1	0	19.0	+2.0	+4.2	35	+5	11	+1	26	-9	0	1	8	
	EL OBEID	1009.5	0.0	-6.5	SSW	4	2	25.1	+1.0	+7.3	35	+5	13	+2	43	+7	0	17	19	
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Tanta at h. m. 9 15

Height (metres)	Km. per hour	Direction
500	35	SW
1000	35	SW
1500		
2000		
3000		

General Situation

A depression is centred over Crete and pressure throughout the eastern Mediterranean and Egypt remains low. There is a steep gradient of pressure from Upper Egypt to Crete.

الحالة العمومية

يقع الانخفاض على كريت والضغط على عموم شرقي البحر الابيض المتوسط ومصر لا يزال منخفضا وتدرجه شديد ما بين الصعيد وكريت .

Forecast for 24 hours from noon to-day.

Fresh winds, strong at times, south to southwest inland, southwest to west on the coast.
Some low cloud.
Rain in the north tomorrow.
Remaining cool and unsettled.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر غد

رياح نسيمية تكون شديدة احيانا جنوبية الى جنوبية غربية في الداخل وجنوبية غربية الى غربية على الساحل - يظهر بعض السحاب المنخفض وتمطر غدا في الشمال - ويستمر الطقس بارد وغير مستقر .

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	69	+3	12.8	+1.9
Ezbekiya	67	-3	12.5	+2.2
Giza	74	0	12.5	—
Helwan	68	+9	11.8	+2.9

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
9.1	814	1104
8.1	811	1101

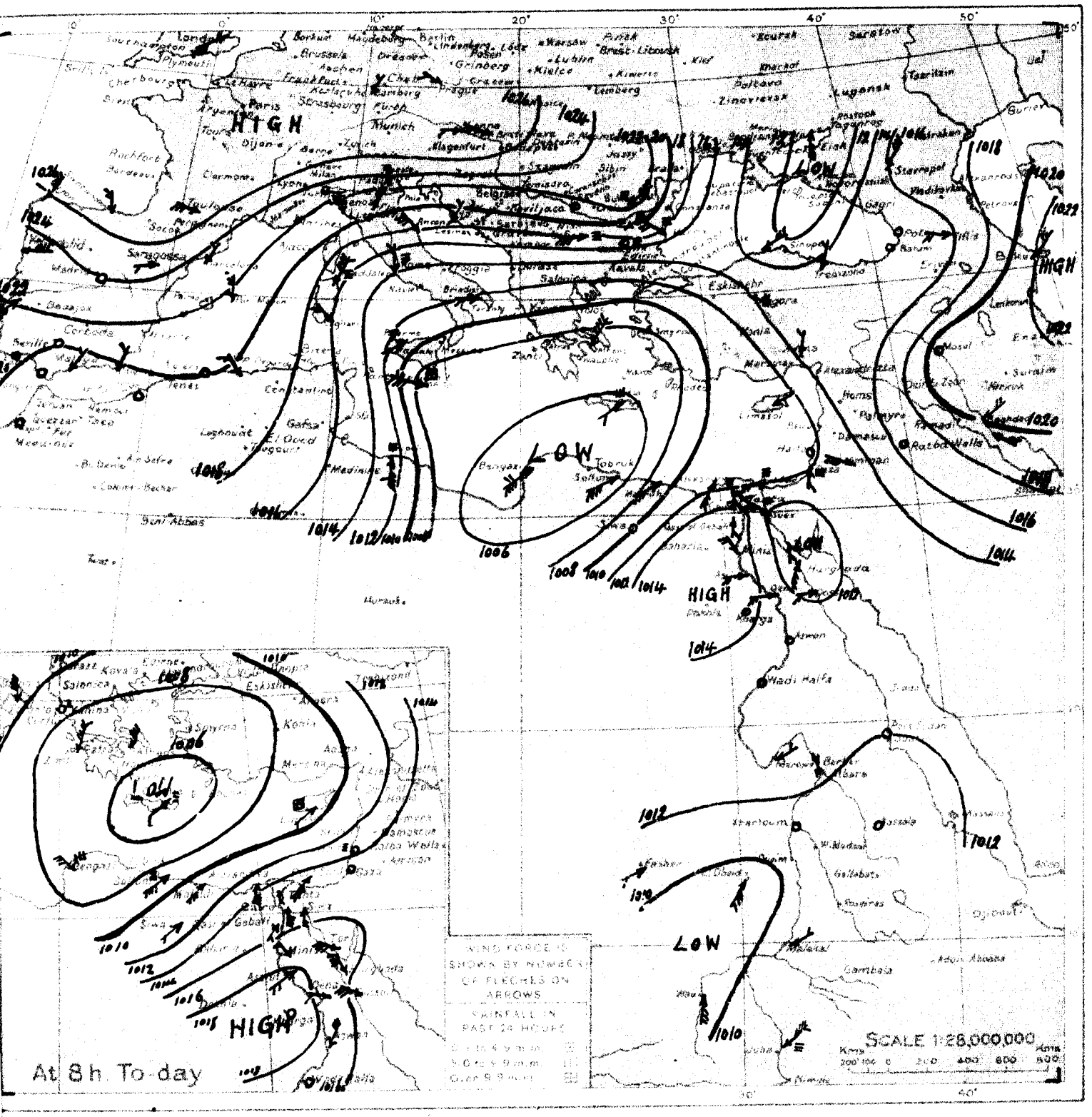
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	8.1	13.33	-0.06	13.32	-0.07
Nasser	7.1	5.80	-1.20	5.80	-1.29
Malakal	9.1	10.36	-1.06	10.3[illegible]	[illegible].08
Roseires	9.1	12.08	-0.14	12.[illegible]	-0.14
Sennar Res.	7.1	20.71	—	20.70	—
Makwar	7.1	4.84	-1.13	4.86	-1.12
Khartoum	9.1	10.64	-0.67	10.65	-0.67
Kh. el Girba					
Atbara	9.1	10.27	-0.51	10.28	-0.51
Wadi Halfa	9.1	2.05	-0.57	2.08	-0.57
Aswan Res.	9.1	113.74	—	113.64	—
" D.S.	9.1	85.56	-0.67	85.56	-0.69
El Leithi	10.1	17.62	-0.80	17.64	-0.80
Roda (Cairo)	10.1	14.34	-0.52	14.34	-0.54

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١-١-٩ Barometer and Wind at 8 h. Yesterday 9.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

.٢١-١-٩ From Observations taken at 8 h. yesterday 9.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.0	+1.3	-2.7	N	2	4	5	-2	—	9	—	4	—	50	—	trace	—	344	—
	MALTA	1007.7	-2.7	-9.9	NW	6	5	11	-1	—	13	-2	8	-2	70	—	31	218	254	4
	✓ATHENS	1007.2	-2.6	-11.1	NNE	5	5	11	-1	—	—	—	—	—	80	—	—	—	190	—
	✓CANDIA	1006.0	-2.7	-11.8	SW	1	3	13	0	—	16	+1	10	+1	—	—	6	278	241	1
	✓LIMASSOL	1010.2	0.0	-7.6	ENE	1	4	16	0		21	+4	14	+7	—	—	0	216	228	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 53

" " sunset 17 14

From Observations taken at 8 h. to-day.

Sunday 11th January, 1931 ١٩٣١ الأحد ١١ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%	%	m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1013.8	+5.0	-4.7	W	3	3	11.8	+2.5	+0.1	~~15~~	—	9	—	69	-4	0	51	40	5
	MATRUH	1015.4	+4.3	-3.3	WSW	3	3	12.0	+2.8	+0.7	16	-2	9	+1	56	-23	2	161	83	4
	ALEXANDRIA	1017.1	+3.7	-1.9	SW	2	4	12.2	+1.6	-1.0	18	-1	10	-1	56	-18	0	83	116	5
	PORT SAID	1017.9	+3.7	+0.4	SW	3	4	11.9	-0.9	-1.4	18	-1	10	-1	64	-13	0	36	38	3
	GAZA																			—
	HAIFA	1015.8	+3.8	-0.5	—	0	1	15.9	+3.2	+3.0	18	0	10	+2	63	-5	0	243	376	2
LOWER EGYPT	TANTA	1017.6	+3.0	—	S	2	4	9.3	-0.7	—	19	—	7	—	70	—	0	22	—	—
	CAIRO: EZBEKIYA	1018.3	+3.1	-0.9	S	2	4	10.5	+0.7	+1.0	20	+1	9	+2	55	-25	0	10	14	—
	CAIRO: GIZA	1018.7	+3.2	-1.2	SSE	3	4	9.9	+1.9	—	18	-1	8	+2	63	—	0	12	12	—
	CAIRO: HELWAN	1018.4	+2.6	-1.2	SSE	3	4	10.1	+1.2	+0.1	18	0	6	-2	49	-20	0	12	12	—
	SIWA	1015.8	+4.0	-4.1	—	0	2	8.5	-2.1	+0.3	—	—	—	—	70	0	0	35	3	—
RED SEA	SUEZ	1017.2	+3.0	-1.4	SE	2	4	13.1	-1.9	+0.8	21	+1	10	0	52	-24	0	10	16	1
	TOR	1018.6	+2.6	+0.3	NE	1	2	12.6	-4.6	+0.1	22	+1	7	-2	49	-10	0	7	9	1
	HURGHADA	1018.4	+3.3	—	WNW	3	1	14.4	-2.6	—	22	—	8	—	53	—	0	0	—	1
	QOSSEIR	1018.7	+3.9	—	WNW	3	2	16.9	-3.0	—	24	—	13	—	30	—	0	15	—	3
UPPER EGYPT	GEBALI	1019.2	+4.1	-0.3	S	1	0	7.0	-2.5	-1.9	19	0	7	+2	78	-1	0	8	—	—
	MINYA	1020.0	—	—	NNW	2	2	10.0	0.0	+0.4	20	0	6	0	62	-18	—	—	—	—
	ASYUT	1020.4	+2.0	+0.1	SW	2	2	9.3	+0.1	0.0	20	0	6	0	56	-16	0	0	—	—
	QENA	1019.9	+2.9	—	NNW	1	1	9.1	-3.9	-1.5	24	+1	5	-2	72	+5	—	—	—	—
	KHARGA	1019.2	+0.5	—	—	0	0	10.6	-1.4	—	23	—	4	—	50	—	0	0	—	—
	ASWAN	1019.4	+3.1	+0.2	—	0	0	11.2	-3.8	-1.4	23	-1	8	-2	50	-4	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.0	+0.8	-2.2	—	0	0	11.8	-0.4	+0.4	24	0	10	+2	45	-7	—	—	—	—
	MEROWE	1013.9	+0.4	-2.9	NE	1	0	19.1	-0.5	+1.7	33	+3	15	+3	32	-6	0	0	1	—
	ATBARA																			—
	KHARTOUM	1011.4	0.0	-2.3	N	1	0	21.1	+1.1	+2.8	38	+8	18	+3	26	-9	0	1	5	—
CENTRAL SUDAN	PORT SUDAN	1014.2	+2.3	-1.3	N	3	4	25.5	+0.1	+2.0	29	+2	22	+2	79	+13	0	29	94	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES																			—
EQUATORIAL SUDAN	EL FASHER	1011.6	+3.6	—	ENE	1	0	17.0	-2.0	+2.2	36	+6	—	—	26	-9	0	1	8	—
	EL OBEID	1011.6	+2.1	-4.4	NE	3	0	21.0	-4.1	+3.2	36	+6	14	+3	49	+14	0	17	19	—
	MALAKAL	1009.4	-0.2	-2.1	—	0	0	26.6	+0.4	+2.6	38	+3	19	+1	38	+11	0	103	93	—
	WAU																			—
	JUBA	—	—	—	NE	4	0	27.0	-1.0	—	40	—	—	—	52	—	0	75	141	—

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 9 00

Height (Metres)	Kms. an hour	Direction
500	25	S
1000	30	SW
1500	45	WSW
2000	35	W
3000	45	W

General Situation

The depression remains northwest of Crete but is becoming shallower. Pressure over Egypt is rising but unsteady.

الحالة العمومية

لا يزال الانخفاض بالشمال الغربي لجزيرة كريت ولكنه يقل عمقا - والضغط فوق مصر آخذ في الارتفاع ولكنه غير ثابت.

Forecast for 24 hours from noon to-day.

Fresh winds, southerly inland, southwest to west on the coast.
Some medium cloud.
Further rain in the north.
Remaining cool and unsettled.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى الظهر الغد

رياح شديدة نوعا جنوبية في الداخل وبين جنوبية غربية وغربية على الساحل - يظهر بعض السحاب المتوسط الارتفاع يتساقط مطر آخر في الشمال - يستمر الطقس باردا ومضطربا.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	56	-10	9.8	-1.0
Ezbekiya	54	-16	9.4	-0.8
Giza	59	-15	9.4	—
Helwan	50	-9	8.4	-0.5

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
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Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
11.1	928	1100
10.1	930	1105

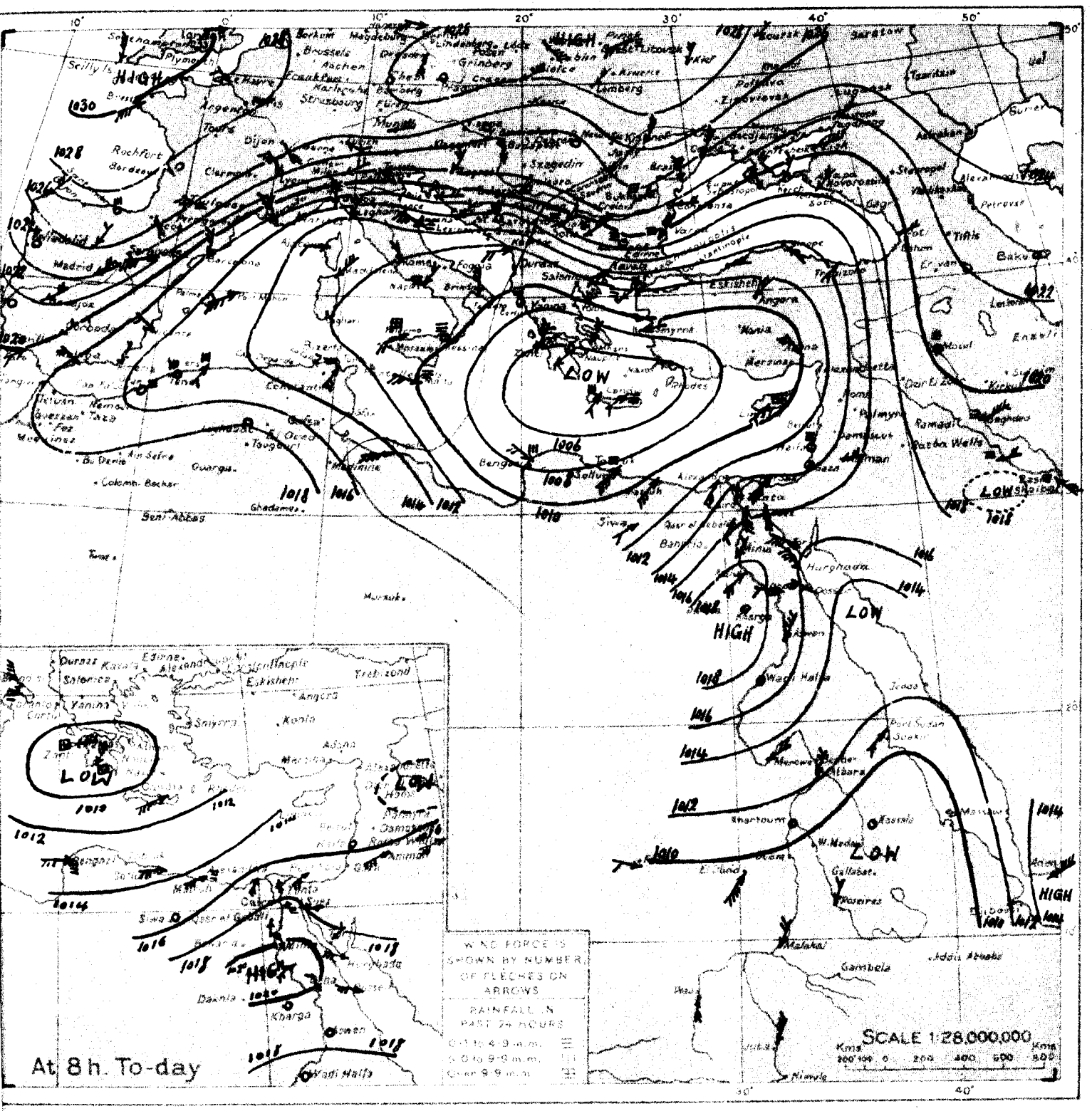
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	10.1	13.34	-0.04	13.35	-0.03
Nasser	9.1	5.75	-1.10	5.77	-1.15
Malakal	10.1	10.33	-1.05	10.36	-1.06
Roseires	10.1	12.06	-0.13	12.08	-0.14
Sennar Res.	9.1	20.71	—	20.70	—
Makwar	9.1	4.84	-1.09	4.90	-1.05
Khartoum / Kh. el Girba	11.1	10.57	-0.71	10.62	-0.67
Atbara	11.1	10.27	-0.49	10.27	-0.51
Wadi Halfa	11.1	2.01	-0.58	2.03	-0.57
Aswan Res.	11.1	113.81	—	113.79	—
" D.S.	11.1	85.77	-0.42	85.77	-0.44
El Leithi	11.1	17.62	-0.78	17.62	-0.80
Roda (Cairo)	11.1	14.34	-0.51	14.34	-0.52

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢١-١-١٠ Barometer and Wind at 8 h. Yesterday 10.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١-١٠ From Observations taken at 8 h. yesterday 10.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.3	-1.7	-4.4	N	2	4	2	-3	—	7	—	1	—	70	—	—	—	347	—
	MALTA	1009.4	+1.7	-8.2	WNW	3	5	11	0	—	12	-3	9	-1	80	—	1	219	257	2
	ATHENS	1007.8	+0.6	-10.6	NNE	3	4	11	0	—	—	—	—	—	70	—	—	—	192	—
	CANDIA	1005.6	-0.4	-12.2	SW	1	1	13	0	—	21	+6	10	+1	—	—	1	279	244	1
	LIMASSOL	1009.9	-0.3	-7.9	SW	1	5	13	-3		17	0	13	+6	—	—	23	239	232	2
EGYPT and SUDAN	Atbara	1013.4	-0.4	-1.5	NNE	2	0	18.0	-1.5	-1.4	24	-6	14	0	44	+9	0	0	1	—
	Kassala	1008.6	-2.0	-4.1	—	0	0	28.0	+6.5	+5.5	36	+2	15	-1	39	-23	0	0	11	—
	Roseires	1008.6	—	-3.3	NNE	1	0	22.0	—	+0.2	30	-6	16	0	43	-1	0	33	37	—
	Malakal	1009.6	-1.0	-1.9	NNE	2	0	26.2	+1.1	+2.2	38	+3	19	+1	23	-4	0	103	93	—
	Wau	1008.7	-0.7	-2.5	S	2	0	25.0	+1.0	-0.8	39	+4	19	+2	64	+15	0	101	146	—
	Juba	—	—	—	NNE	4	2	28.0	+2.0	—	39	—	—	—	47	—	0	75	141	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 53m

" " sunset 17h 15m

From Observations taken at 8h. to-day.

Monday 12th January, 1931 ١٩٣١ الاثنين ١٢ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1017.9	+4.1	-0.6	NNE	1	4	11.8	0.0	+0.1	18	—	10	—	65	-8	0	51	41	1
	MATRUH	1018.8	+3.4	+0.1	WSW	2	2	10.8	-1.2	-0.4	17	-1	10	+2	81	+2	0	161	85	2
	ALEXANDRIA	1019.0	+1.9	0.0	S	2	4	12.1	-0.1	-1.0	19	0	11	0	72	-2	0	83	118	3
	PORT SAID	1019.4	+1.5	+2.0	SW	1	3	12.3	+0.4	-1.0	19	0	11	0	74	-3	0	36	39	1
	GAZA	—	—	—	—	0	3	11.4	-0.7	-0.1	20	+2	8	0	82	+6	0	90	208	—
	HAIFA	1018.0	+2.2	+1.7	SSE	1	4	13.5	-2.4	+0.7	20	+2	10	+2	59	-9	0	243	383	4
LOWER EGYPT	TANTA	1019.1	+1.5	—	SE	1	4	11.5	+2.2	—	19	—	9	—	70	—	0	22	—	—
	CAIRO: EZBEKIYA	1019.5	+1.2	+0.3	—	0	4	9.9	-0.6	+0.4	18	-1	9	+2	73	-7	0	10	14	—
	CAIRO: GIZA	1019.6	+0.9	-0.3	—	0	3	8.1	-1.8	—	18	-1	6	0	85	—	0	12	12	—
	CAIRO: HELWAN	1019.4	+1.0	-0.2	E	1	4	9.9	-0.2	-0.1	19	+1	10	+2	63	-6	0	12	13	—
	SIWA	1016.4	+0.6	-3.5	—	0	0	10.5	+2.0	+2.3	—	—	6	+2	63	-7	0	35	3	—
RED SEA	SUEZ	1018.0	+0.8	-0.6	N	2	4	12.8	-0.3	+0.5	20	0	10	0	67	-9	0	10	16	1
	TOR	1018.0	-0.6	-0.2	NE	2	4	11.8	-0.8	-0.7	21	0	8	-1	63	+4	0	7	9	2
	HURGHADA	1018.2	-0.2	—	WNW	4	3	13.8	-0.6	—	21	—	10	—	53	—	0	0	—	2
	QOSSEIR	1017.6	-1.1	—	WNW	5	1	17.7	+0.8	—	22	—	14	—	38	—	0	15	—	3
UPPER EGYPT	GEBALI	1020.0	+0.8	+0.5	SW	1	0	7.8	+0.8	-1.1	19	0	6	+1	78	-1	0	8	—	—
	MINYA	1019.8	-0.2	—	WSW	2	2	7.0	-3.0	-2.6	21	+1	5	-1	78	-2	—	—	—	—
	ASYUT	1019.6	-0.8	-0.7	SW	2	3	10.8	+1.5	+1.5	22	+2	8	+2	60	-12	0	0	—	—
	QENA	1019.2	-0.7	—	N	2	4	9.6	+0.5	-1.0	24	+1	6	-1	47	-20	—	—	—	—
	KHARGA	1018.4	-0.8	—	—	0	3	11.3	+0.7	—	24	—	5	—	49	—	0	0	—	—
	ASWAN	1017.6	-1.8	-1.6	NE	1	0	13.0	+1.8	+0.5	24	0	10	+1	40	-14	—	—	—	—
SUDAN	WADI HALFA	1015.8	-1.2	-3.4	NNE	1	0	12.4	+0.6	+1.1	25	+1	10	+2	40	-12	—	—	—	—
	KEROWE	1013.0	-0.9	-3.8	NE	2	0	20.6	+1.5	+3.3	35	+6	13	+1	35	-2	0	0	1	—
	ATBARA																			—
	KHARTOUM	1011.4	0.0	-2.8	NNE	1	0	21.0	-0.1	+2.8	37	+7	19	+4	43	+8	0	1	5	—
	KASSALA	1017.0	+2.8	+1.5	NW	4	4	24.8	-0.7	+1.4	30	+3	22	+2	69	+3	drops	29	94	4
	WAD MEDANI																			
	ROSEIRES																			
	EL FASHER	1009.6	-2.0	—	NNE	1	0	19.0	+2.0	+4.2	36	+6	13	+3	42	+7	0	1	8	
	EL OBEID																			
	MALAKAL	1009.4	0.0	-2.1	ENE	1	0	26.2	-0.4	+2.2	40	+5	19	+1	58	+31	0	103	93	
	WAU																			
	JUBA	—	—	—	N	1	3	29.0	+2.0	—	40	—	—	—	43	—	0	75	141	

TEMP. F C — 120 110 100 90 80 70 60 50 40 30 20 10 0

PRESS. Mm. Mb. — 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observation at Helwan of 8.45

Height (Metres)	Kms. an hour	Direction
500	10	ENE
1000	10	NE
1500	10	S
2000	15	SW
3000	30	WNW

General Situation

Egypt is now an area of relatively high pressure, with a shallow depression over Asia Minor. Pressure over the central Mediterranean is again falling; there is a shallow depression north of Sicily, and a deeper one southwest of Tripoli.

الحالة الجوية

مصر الآن منطقة ضغط مرتفع ارتفاعا نسبيا مع وجود انخفاض ضئيل على آسيا الصغرى والضغط على اواسط البحر الابيض المتوسط آخذ فى الهبوط ثانية بالنسبة لوجود انخفاض قليل العمق شمال صقلية وآخر عميق فى جنوب غرب طرابلس.

Forecast for 24 hours from noon to-day.

Light winds, on the coast southerly, inland variable in direction.
At times much high cloud.
Slightly warmer.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح خفيفة جنوبية على الساحل ومختلفة الاتجاه فى الداخل - يكثر السحاب العالى احيانا
والطقس أميل قليلا للدفء.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	51	-15	10.6	-0.1
Ezbekiya	49	-20	8.7	-1.5
Giza	56	-17	9.0	—
Helwan	38	-20	8.0	-0.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
11.1	928	1100
10.1	930	1105

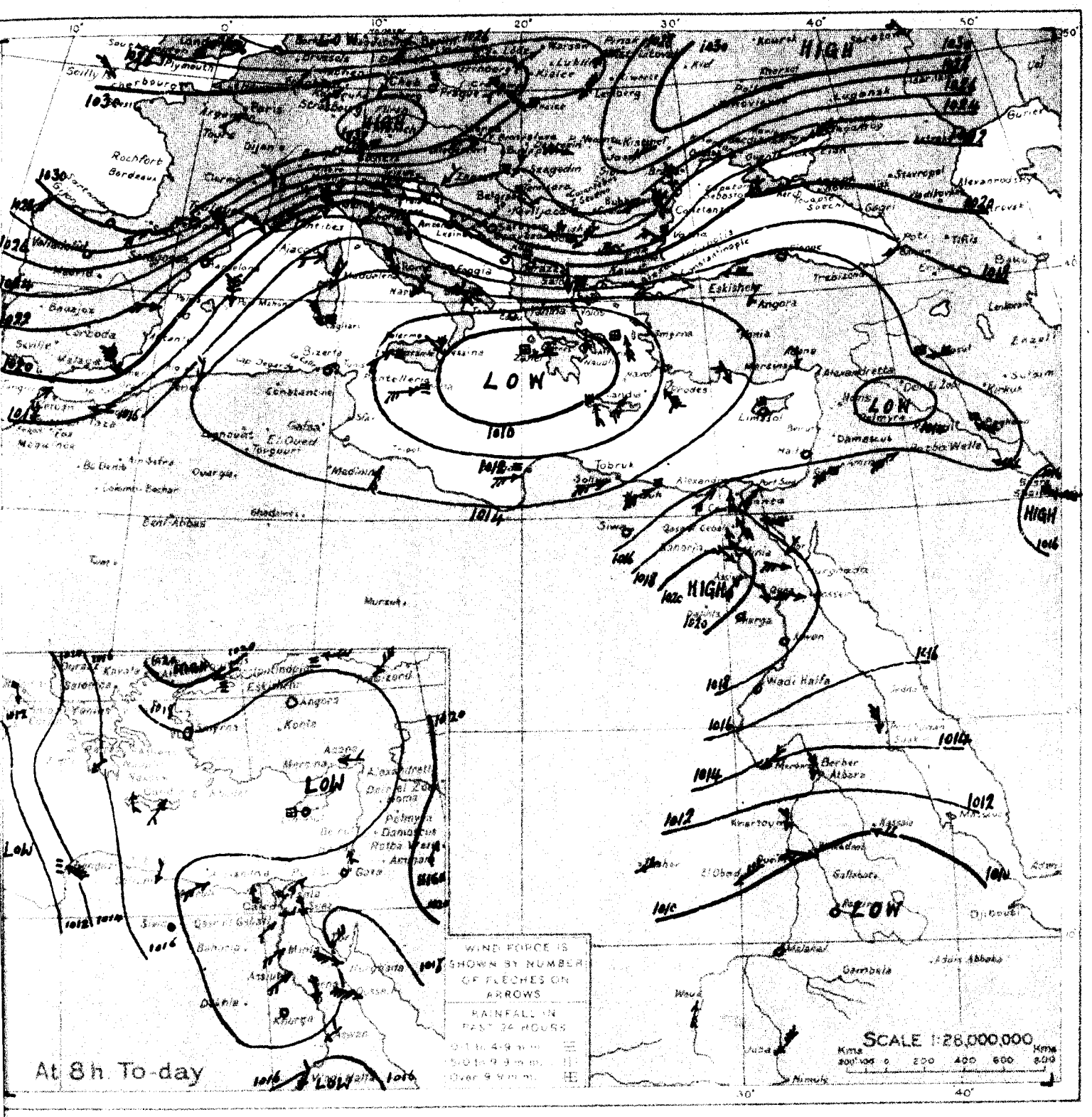
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	11.1	13.32	-0.06	13.34	-0.04
Nasser	10.1	5.72	-1.04	5.75	-1.10
Malakal	11.1	10.31	-1.03	10.33	-1.05
Roseires	12.1	12.04	-0.12	12.05	-0.13
Sennar Res.	10.1	20.70	—	20.71	—
Makwar	10.1	4.87	-1.04	4.84	-1.09
Khartoum	12.1	10.54	-0.72	10.57	-0.71
Kh. el Girba					
Atbara	12.1	10.26	-0.49	10.27	-0.49
Wadi Halfa	12.1	1.97	-0.61	2.01	-0.58
Aswan Res.	11.1	113.81	—	113.79	—
" D.S.	11.1	85.77	-0.42	85.74	-0.44
El Leithi	12.1	17.82	-0.76	17.83	-0.78
Roda (Cairo)	12.1	14.31	-0.48	14.34	-0.51

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١ - ١ - ١١ Barometer and Wind at 8 h. Yesterday 11.1.31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Snowing	6
Sand storm	7
Misty or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Tempestuous	8
Confused	9

.٢١ - ١ - ١١ From Observations taken at 8 h. yesterday. 11.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.0	+1.7	-2.7	N	4	4	3	+1	—	8	—	1	—	70	—	0	—	349	—
	MALTA	1010.3	+0.9	-7.3	W	3	4	9	-2	—	13	-2	8	-2	80	—	1	220	259	2
	ATHENS	1009.8	+2.0	-8.6	N	1	5	11	0	—	—	—	—	—	90	—	—	—	194	—
	CANDIA	1010.3	+4.7	-7.3	SW	3	3	15	+2	—	22	+7	11	+2	—	—	0	279	246	2
	LIMASSOL	1014.7	+4.8	-3.1	—	0	4	15	+2		18	+1	8	+1	—	—	9	248	235	1
EGYPT and SUDAN	Atbara عطبرة	1012.4	-1.0	-2.5	N	2	0	21.5	+3.5	+2.2	27	-3	16	+2	54	+19	0	0	1	—
	Kassala كسلا	1010.0	+1.4	-2.7	ESE	2	0	22.5	-5.5	0.0	36	+2	15	-1	41	-21	0	0	11	—
	Wad Medani	1009.8	-1.7	-3.6	WNW	3	0	25.5	-0.5	+4.9	39	+5	21	+6	29	-9	0	8	13	—
	Roseires	1009.3	+0.7	-2.6	—	0	0	21.5	-0.5	-0.3	36	0	16	0	39	-5	0	33	37	—
	Wau واو	1009.6	+0.9	-1.6	S	2	1	25.0	0.0	-0.8	37	+2	20	+3	70	+22	0	101	146	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 6h 53m

" " sunset 17h 16m

From Observations taken at 8h. to-day.

Tuesday 13th January, 1931 — الثلاثاء ١٣ يناير ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total From Oct. 1 to yesterday	Normal From Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1008.3	-9.6	-10.3	ESE	1	0	12.2	+0.4	+0.6	—	—	11	—	73	0	0	57	42	2
	MATRUH	1011.6	-7.2	-7.1	SE	2	2	9.8	-1.0	-1.3	19	+1	8	0	74	-5	0	161	86	2
	ALEXANDRIA	1013.5	-5.5	-5.5	SE	3	3	10.9	-1.2	-2.2	22	+3	10	-1	86	+12	0	83	120	3
	PORT SAID	1014.3	-5.1	-3.1	SE	4	3	16.3	+4.0	+3.1	19	0	12	+1	84	+7	0	36	40	3
	GAZA	—	—	—	—	0	0	11.1	-0.3	-0.4	19	+1	7	-1	73	-3	0	90	211	—
	HAIFA	1015.8	-2.2	-0.5	SSE	4	0	15.4	+1.9	+2.6	21	+3	11	+3	60	-8	0	243	390	3
LOWER EGYPT	TANTA	1014.8	-4.3	—	NNE	1	4	9.9	-1.6	—	22	—	8	—	74	—	0	22	—	—
	CAIRO EZBEKIYA	1014.2	-5.3	-5.0	S	1	2	9.0	-0.9	-0.5	21	+2	6	-1	70	-9	0	10	14	—
	CAIRO GIZA	1014.0	-5.6	-5.9	SSE	1	3	6.0	-2.1	—	22	+3	3	-3	90	—	0	12	12	—
	CAIRO HELWAN	1014.0	-5.4	-5.6	SSE	2	3	11.0	+1.1	+1.0	20	+2	9	+1	45	-24	0	12	13	—
	SIWA	1008.6	-7.8	-11.3	—	0	0	10.2	-0.3	+2.0	—	—	8	+4	58	-12	0	35	3	—
RED SEA	SUEZ	—	—	—	S	1	3	13.9	+1.1	+1.6	20	0	9	-1	68	-8	0	10	16	2
	TOR	1016.2	-1.8	-2.0	NE	1	2	11.6	-0.2	-0.8	22	+1	7	-2	70	+11	0	7	9	1
	HURGHADA	1016.2	-2.0	—	WNW	3	2	13.7	-0.1	—	22	—	8	—	51	—	0	0	—	1
	QOSSEIR	1016.2	-1.4	—	W	4	0	19.1	+1.4	—	23	—	14	—	52	—	0	15	—	2
UPPER EGYPT	GEBALI	1015.1	-4.9	-4.4	NW	1	0	7.0	-0.8	-1.8	19	0	4	-1	85	+6	0	8	—	—
	MINYA	1014.6	-5.2	—	N	1	1	9.0	+2.0	-0.5	21	+1	3	-3	67	-13	—	—	—	—
	ASYUT	1015.2	-4.4	-5.1	SSE	3	3	9.6	-1.2	+0.3	24	+4	6	0	73	+1	0	0	—	—
	QENA	1016.3	-2.9	—	NNE	2	3	11.8	+2.2	+1.3	24	+2	5	-2	42	-25	—	—	—	—
	KHARGA	1014.6	-3.8	—	—	0	4	12.0	+0.7	—	26	—	7	—	43	—	0	0	—	—
	ASWAN	1015.8	-1.8	-3.4	—	0	0	14.0	+1.0	+1.5	28	+4	11	+2	57	+3	—	—	—	—
NORTH SUDAN	WADI HALFA	1013.9	-1.9	-5.3	—	0	0	14.8	+2.4	+3.5	27	+3	10	+2	62	+10	—	—	—	—
	MEROWE	1013.0	0.0	-3.8	NE	2	0	22.6	+2.0	+5.3	38	+9	18	+6	35	-1	0	0	1	—
	ATBARA	1013.6	+0.5	-1.3	NE	2	0	22.0	0.0	+2.8	—	-3	17	+3	58	+23	0	0	1	—
	KHARTOUM	1012.6	+1.2	-1.6	NNE	1	0	20.8	-0.2	+2.6	36	+6	18	+3	61	+26	0	1	5	—
SOUTH SUDAN	PORT SUDAN	1015.8	-1.2	+0.3	NW	3	4	24.1	-0.7	+0.7	29	+2	22	+2	71	+5	drops	29	94	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES																			—
	EL FASHER	1010.6	+1.0	—	NW	1	0	20.5	+1.5	+5.7	37	+7	11	+1	26	-8	0	1	8	—
	EL OBEID																			—
	MALAKAL	1009.3	-0.1	-2.2	NNE	3	1	28.0	+1.8	+4.0	40	+5	19	+1	47	+21	0	103	93	—
	WAU																			—
	JUBA	—	—	—	NE	3	0	29.5	+0.5	—	39	—	—	—	35	—	0	75	141	—

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Kms an hour	Direction
500	30	S
1000	60	S
1500	45	S
2000	50	SSW
3000		

General Situation

The Mediterranean depression has deepened considerably and is centred east of Malta. Pressure over Egypt is falling, especially in the west.

الحالة العمومية

قد ازداد انخفاض البحر الابيض عمقا كثيرا وهو الآن شرقى مالطه والضغط آخذ فى الهبوط فوق مصر خصوصا فى الجهة الغربية

Forecast for 24 hours from noon to-day.

Moderate southeasterly to southerly winds, freshening.
At times much high cloud.
Light rain on the coast probable tomorrow.
Becoming milder.

التغيرات المنتظر حصولها فى الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة بين جنوبية شرقية وجنوبية تشتد قوتها
يكثر السحاب العالى احيانا
يحتمل ساقط مطر خفيف غدا على الساحل
الطقس آيل الى الدفء

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	70	+4	12.9	+2.2
Ezbekiya	63	-6	9.7	-0.5
Giza	71	-2	9.6	—
Helwan	44	-14	8.2	-0.7

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
13-1	985	1101
12-1	927	1099

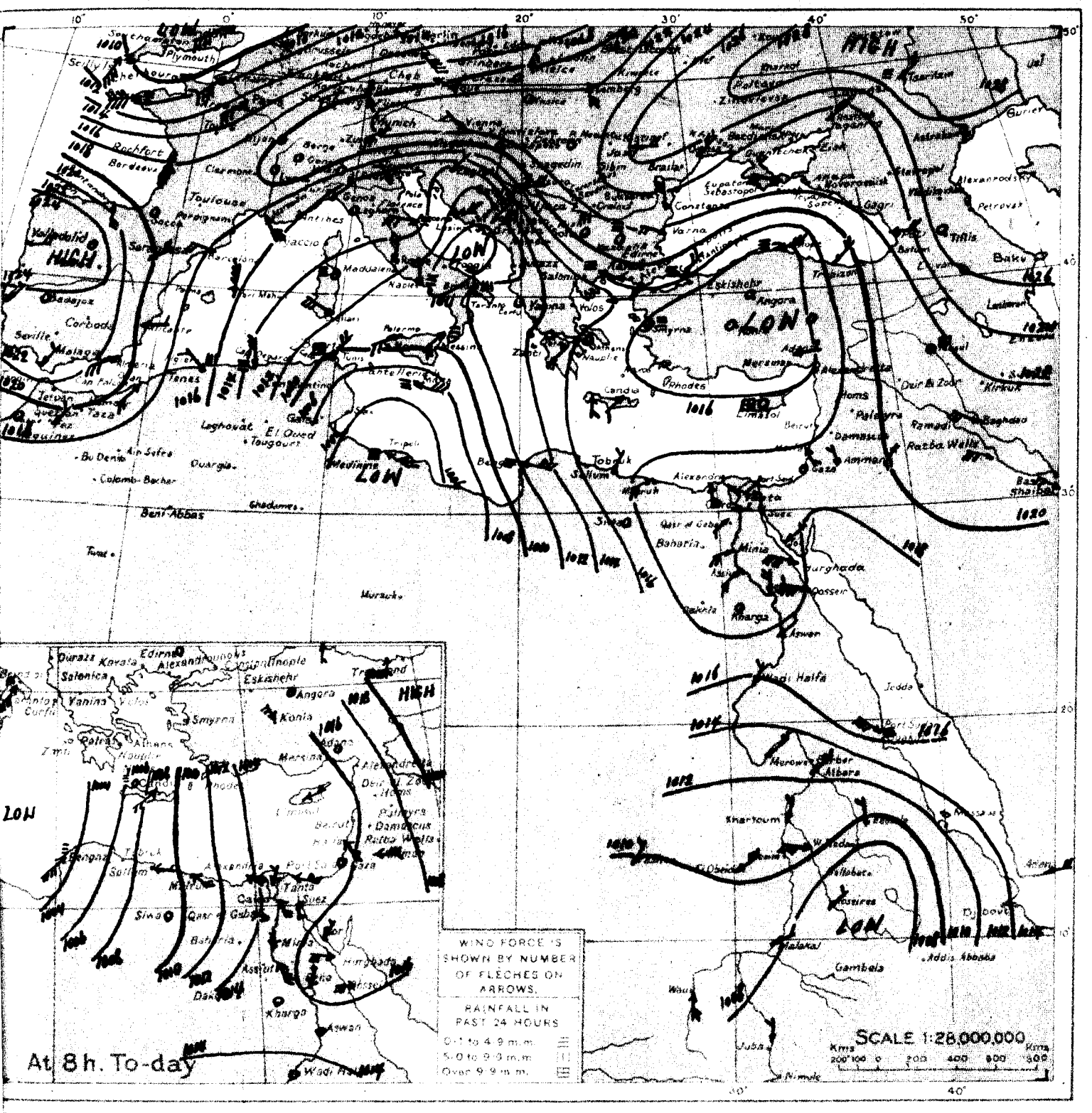
GAUGE	Date 1931	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Juba	12-1	13.33	-0.04	13.32	-0.06
Nasser	11-1	5.69	-0.98	5.72	-1.04
Malakal	12-1	10.20	-1.10	10.31	-1.03
Roseires	13-1	12.03	-0.12	12.04	-0.12
Sennar Res.	12-1	20.70	—	20.70	—
Makwar	12-1	4.78	-1.10	4.80	-1.10
Khartoum	12-1	10.54	-0.72	10.57	-0.71
Kh. el Girba					
Atbara	13-1	10.25	-0.48	10.26	-0.49
Wadi Halfa	12-1	1.97	-0.61	2.01	-0.58
Aswan Res.	13-1	113.88	—	113.85	—
" D.S.	13-1	85.85	-0.30	85.76	-0.41
El Leithi	13-1	17.62	-0.74	17.62	-0.76
Roda (Cairo)	13-1	14.39	-0.44	14.36	-0.48

PRINTED AT THE SURVEY OF EGYPT 1929(29/699/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١ -١ -١٢ Barometer and Wind at 8 h. Yesterday 12 - 1 - 1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -١-١٢ From Observations taken at 8 h. yesterday. 12 - 1 - 1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C.	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.6	-1.4	-4.2	NNE	2	4	4	+1	—	8	—	2	—	70	—	—	—	352	—
	MALTA	1007.8	-2.5	-9.8	ESE	3	5	11	+2	—	14	-1	9	-1	90	—	3	223	262	2
	ATHENS	1016.4	+6.6	-2.2	—	0	3	8	-3	—	—	—	—	—	80	—	—	—	196	—
	CANDIA	1017.4	+7.1	-0.2	SW	1	2	11	-4	—	21	+6	10	+1	—	—	0	279	249	2
	LIMASSOL	1016.3	+1.6	-1.5	—	0	1	14	-1	—	18	+1	9	+2	—	—	10	258	238	2
EGYPT and SUDAN	Akbara	1013.1	+0.7	-1.8	NE	2	0	22.0	+0.5	+2.7	27	-3	17	+3	54	+19	0	0	1	—
	Kassala	1009.4	-0.6	-3.3	N	1	0	26.0	+3.5	+3.6	35	+1	20	+4	48	-14	0	0	11	—
	Wad Medani	1018.3	+0.5	-3.1	WNW	4	0	24.0	-1.5	+3.4	39	+5	20	+5	53	+15	0	8	13	—
	Kosseir	1006.0	-3.3	-5.9	NE	1	0	23.5	+2.0	+1.7	38	+2	18	+2	56	+12	0	33	37	—
	El Obeid	1011.8	+0.2	-4.2	NE	3	0	21.8	+0.8	+4.1	35	+5	15	+4	53	+18	0	17	19	—
	Wau	1009.9	+0.3	-1.3	S	2	0	25.0	0.0	-0.8	39	+4	21	+4	61	+13	0	101	146	—
								25.0												

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 52

" " sunset 17 16

From Observations taken at 8h. to-day.

Wednesday 14th January, 1931 ١٩٣١ الاربعاء ١٤ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1014.2	+5.9	-4.4	N	4	6	10.2	-2.0	-1.4	[illegible]	—	9	—	94	+21	0	51	43	6
	MATRUH	1015.4	+3.8	-3.3	SW	4	8	9.4	-0.4	-1.7	22	+4	8	0	54	-25	0	161	88	5
	ALEXANDRIA	1017.6	+4.1	-1.4	SW	3	8	10.4	-0.5	-2.7	20	+1	9	-2	52	-22	0	83	121	3
	PORT SAID	1018.0	+3.7	+0.6	WSW	4	7	11.8	-4.5	-1.4	21	+2	11	0	61	-16	0	36	40	3
	GAZA	—	—	—	S	2	1	15.2	+4.1	+3.8	26	+8	10	+2	74	-2	0	90	214	—
	HAIFA	1014.0	-1.8	-2.3	—	0	4	19.6	+4.2	+6.8	23	+5	10	+2	62	-6	0	243	396	2
LOWER EGYPT	TANTA	1018.6	+3.8		SW	2	0	10.5	+0.6	—	22	—	7	—	53	—	0	22	—	—
	CAIRO EZBEKIYA	1019.0	+4.8	-0.2	SSE	2	0	11.0	+2.0	+1.6	25	+6	8	+1	52	-27	0	10	15	—
	CAIRO GIZA	1019.2	+5.2	-0.7	SSW	1	3	10.8	+4.8	—	24	+5	6	0	52	—	0	12	13	—
	CAIRO HELWAN	1019.8	+5.8	+0.2	WSW	2	0	10.0	-1.0	0.0	23	+5	9	+1	55	-14	0	12	14	—
	SIWA	1017.9	+9.3	-1.9	—	0	0	9.0	-1.2	+0.8	—	—	6	+2	67	-3	0	35	3	—
RED SEA	SUEZ	1017.2	—	-1.4	NW	2	2	15.8	+1.9	+3.6	21	+1	12	+2	42	-34	0	10	16	1
	TOR	1016.2	0.0	-2.0	N	2	4	17.0	+5.4	+4.6	24	+3	11	+2	88	+29	0	7	10	2
	HURGHADA	1015.9	-0.3	—	WNW	3	3	18.8	+5.1	—	24	—	12	—	90	—	dr.	dr.	—	1
	QOSSEIR	1015.6	-0.6	—	WSW	3	4	21.9	+2.8	—	26	—	19	—	79	—	0	15	—	1
UPPER EGYPT	GEBALI	1020.0	+4.9	+0.5	NW	3	0	10.0	+3.0	+1.2	24	+5	6	+1	50	-28	0	8	—	—
	MINYA	1021.0	+6.4	—	NE	1	0	11.0	+2.0	+1.5	24	+4	7	+1	58	-22	—	—	—	—
	ASYUT	1021.1	+5.9	+0.8	WSW	3	0	10.7	+1.1	+1.4	21	+1	9	+3	64	-8	0	0	—	—
	QENA	1017.4	+1.1	—	WSW	5	4	16.2	+4.4	+5.7	23	+1	12	+5	57	-10	[illegible]	—	—	—
	KHARGA	1020.3	+5.7	—	NNE	1	4	14.5	+2.5	—	26	—	8	—	39	—	0	0	—	—
	ASWAN	1015.6	-0.2	-3.6	N	2	3	22.7	+8.7	+10.2	31	+7	14	+5	43	-11	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.4	+1.5	-3.8	NW	4	0	19.2	+4.4	+8.0	37	+13	—	—	42	-10	—	—	—	—
	MEROWE	1013.5	+0.5	-3.3	NE	2	0	23.6	+1.0	+6.4	38	+9	16	+4	36	0	0	0	1	—
	ATBARA																			—
	KHARTOUM	1012.4	-0.2	-1.8	—	0	0	21.0	+0.2	+2.9	35	+5	19	+4	51	+16	0	1	5	—
CENTRAL SUDAN	EAST SUDAN	1015.8	0.0	+0.2	—	0	1	25.4	+1.3	+2.1	28	+1	21	+1	85	+19	0	29	95	1
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1008.8	+2.1	-3.1	—	0	0	25.0	-1.0	+3.2	35	-1	19	+3	40	-3	0	33	37	—
SOUTH SUDAN	EL FASHER	1013.0	+2.4	—	W	1	0	17.0	-3.5	+2.3	37	+7	11	+1	38	+4	0	1	8	—
	EL OBEID	1010.7	-1.2	-5.2	NE	3	0	26.1	0.0	+8.5	36	+6	15	+4	63	+28	0	17	19	—
	MALAKAL																			—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C: 120 110 100 90 80 70 60 50 40 30 27 — 40 30 20 10 0 -3

PRESS. Mm. Mb.: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at h. m. 10 00

Height (metres)	Kms. an hour	Direction
500	15	WSW
1000	35	WSW
1500	40	WSW
2000		
3000		

General Situation

The depression has moved east and is now situated over Asia Minor. A secondary passed along the coast of Egypt yesterday evening and has now reached Syria. There is a shallow depression near the Gulf of Akaba. Upper Egypt has become an area of high pressure.

الحالة العمومية

مر الانخفاض نحو الشرق ويقع الآن على آسيا الصغرى وقد اجتاز انخفاض ثانوي ساحل مصر مساء أمس ووصل الآن الى الشام ويوجد انخفاض ضئيل على خليج العقبة وقد صار الصعيد الآن منطقة ضغط مرتفع.

Forecast for 24 hours from noon to-day.

Light to moderate southwest winds. Some medium cloud. Light rain on the coast probable. Cooler, but temperature remaining above normal.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح جنوبية غربية ما بين الخفيفة والمعتدلة. يظهر بعض السحب المتوسط الارتفاع ويحتمل ان تمطر قليلا على الساحل والطقس أبرد للبرودة الآن درجة الحرارة تستمر فوق المعدل.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	61	-5	10.9	+0.2
Ezbekiya	53	-16	11.5	+1.3
Giza	62	-11	11.2	—
Helwan	40	-18	10.7	+1.8

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Malakal River Gauge Reading for 12.1.31 published on 13.1.31 should read 10.30 instead of 10.20 m.

ملاحظة: صحة قراءة النهر بمقياس الملاكال يوم ١٢-١-٣١ المذكورة بتقرير يوم ١٣-١-٣١ هي ١٠٫٣٠ بدلا من ١٠٫٢٠ متر.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
13.1	985	1101
12.1	927	1099

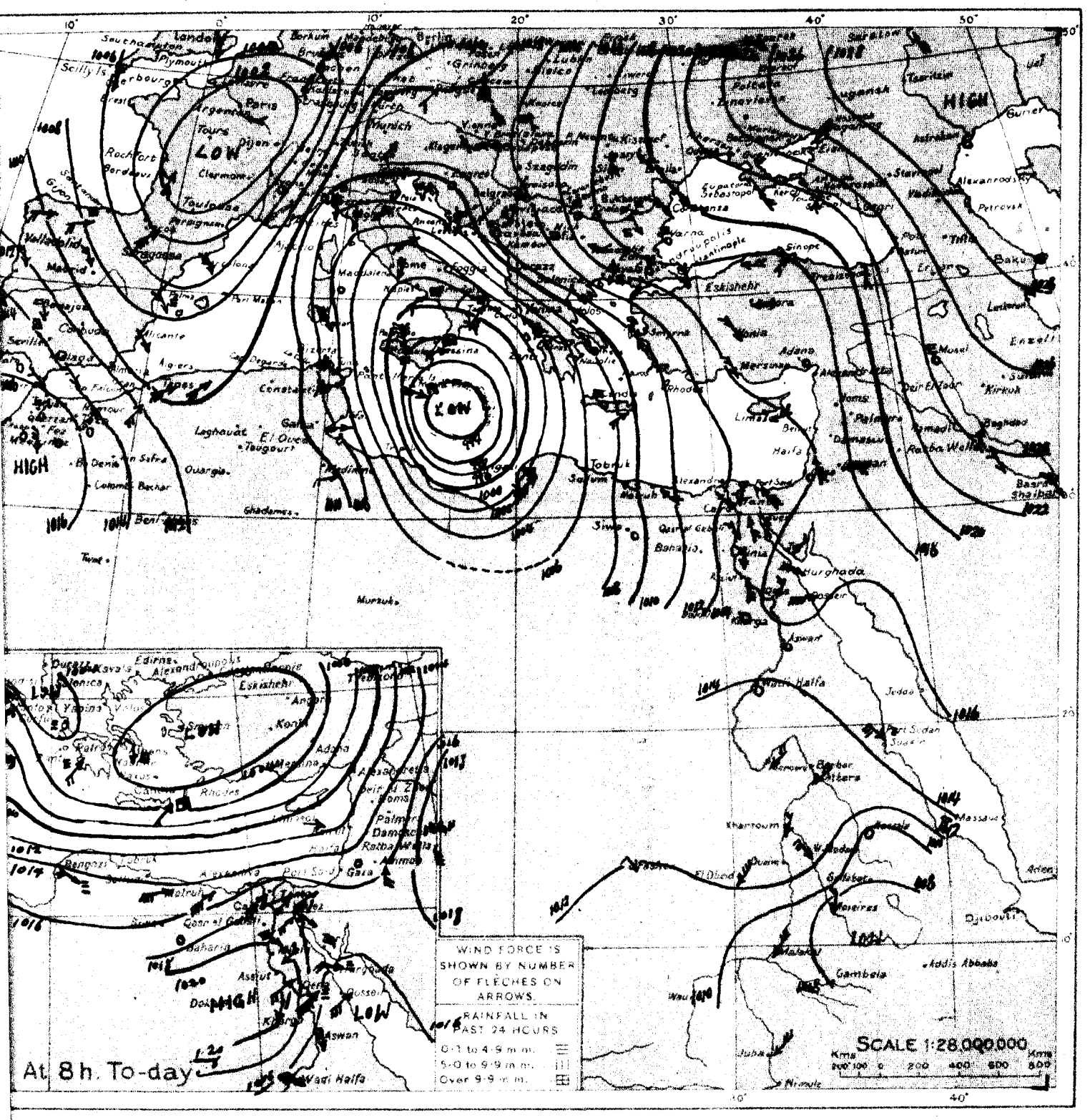
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	13.1	13.32	-0.05	13.33	-0.04
Nasser	13.1	5.65	-0.87	5.66	-0.94
Malakal	13.1	10.27	-0.99	10.30	-1.00
Roseires	14.1	12.03	-0.10	12.03	-0.12
Sennar Res.	13.1	20.70	—	20.70	—
Makwar	13.1	4.76	-1.10	4.78	-1.10
Khartoum	14.1	10.51	-0.71	10.52	-0.72
Kh. el Girba					
Atbara	14.1	10.21	-0.50	10.25	-0.48
Wadi Halfa	14.1	1.90	-0.67	1.93	-0.65
Aswan Res.	13.1	113.88	—	113.85	—
" D.S.	13.1	85.85	-0.30	85.76	-0.41
El Leithi	14.1	17.60	-0.75	17.62	-0.74
Roda (Cairo)	14.1	14.39	-0.43	14.39	-0.44

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

Barometer and Wind at 8 h. Yesterday 13.1.31. ١٣-١-٣١.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

From Observations taken at 8 h. yesterday. 13.1.31. ١٣-١-٣١.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C	°C.	°C.	°C	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1003.4	-9.2	-13.4	NE	2	2	3	-1	—	7	—	3	—	70	—	—	—	555	—
	MALTA	993.4	-14.4	-24.2	NNW	3	5	11	0	—	15	0	9	-1	90	—	13	236	264	2
	ATHENS	1009.0	-7.4	-9.6	—	0	9	13	+5	—	—	—	—	—	80	—	—	—	177	—
	CANDIA	1009.5	-7.9	-8.1	SW	2	4	17	+6	—	18	+3	13	+4	—	—	0	279	252	3
	LIMASSOL	1015.9	-0.4	-1.9	ENE	2	2	16	+2		19	+2	9	+2	—	—	0	258	241	3
EGYPT and SUDAN	Kassala	1009.5	+0.1	-3.2	—	0	0	26.0	0.0	+3.6	36	+2	19	+3	48	-14	0	8	11	—
	Wad Medani	1012.2	+1.9	-1.2	NNW	3	0	23.5	-0.5	+3.0	38	+4	18	+3	59	+22	0	8	13	—
	Roseires	1006.7	+0.7	-5.2	NNE	1	0	26.0	+2.5	+4.2	30	-6	19	+3	36	-7	0	33	37	—
	El Obeid	1011.9	+0.1	-4.0	NE	3	0	26.1	+4.3	+8.4	37	+7	15	+4	54	+19	0	17	19	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 52

" " sunset 17 17

From Observations taken at 8h. to-day.

Thursday 15th January, 1931 ١٩٣١ الخميس ١٥ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1019.6	+5.4	+1.0	WNW	3	0	11.1	+0.9	-0.4	19	—	9	—	73	0	0	51	44	4
	MATRUH	1019.9	+4.5	+1.2	WSW	2	0	10.2	+0.8	-0.9	19	+1	9	+1	70	-9	0	161	89	3
	ALEXANDRIA	1020.4	+2.8	+1.4	SSW	1	2	12.1	+1.7	-0.9	19	0	10	-1	72	-2	0	83	123	2
	PORT SAID	1020.6	+2.6	+3.2	WSW	3	0	10.9	-0.9	-2.2	18	-1	9	-1	67	-10	0	36	41	3
	GAZA	—	—	—	SW	1	2	10.4	-4.8	-1.0	18	0	8	0	54	-22	0	90	217	—
	HAIFA	1019.1	+5.1	+2.9	—	0	4	14.5	-5.1	+1.8	21	+3	11	+3	65	-3	0	243	403	3
LOWER EGYPT	TANTA	1019.4	+0.8	—	S	1	0	8.5	-2.0	—	19	—	8	—	66	—	0	22	—	—
	CAIRO / EZBEKIYA	1020.8	+1.8	+1.6	SSE	1	0	9.3	-1.7	-0.1	21	+2	8	+1	50	-29	0	10	15	—
	GIZA	1021.1	+1.9	+1.2	SSE	1	0	8.9	-1.9	—	21	+2	4	-2	62	—	0	12	13	—
	HELWAN	1021.1	+1.5	+1.5	ESE	2	0	9.1	-0.9	-0.8	22	+4	8	0	41	-28	0	12	14	—
	SIWA	1020.8	+2.9	+1.0	—	0	0	2.7	-6.3	-5.5	—	—	1	-3	80	+10	0	35	3	—
RED SEA	SUEZ	1020.4	+3.2	+1.9	N	1	0	10.0	-5.8	-2.2	21	+1	9	-1	62	-14	0	10	16	0
	TOR	1019.1	+2.9	+0.9	ENE	2	0	13.0	-4.0	+0.6	23	+2	8	-1	46	-13	0	7	10	2
	HURGHADA	1019.8	+3.9	—	WNW	4	0	13.7	-5.1	—	24	—	10	—	39	—	0	0		2
	QOSSEIR	1019.2	+3.6	—	NW	6	0	17.8	-4.1	—	26	—	11	—	32	—	0	15		5
UPPER EGYPT	GERGEH	1021.5	+1.5	+2.0	SW	1	0	4.5	-5.5	-4.3	20	+1	2	-3	68	-10	0	8		—
	MINYA	1021.4	+0.4	—	NNW	2	0	7.5	-3.5	-2.0	24	+4	3	-3	65	-15	—	—		—
	ASYUT	1021.5	+0.4	+1.2	SSW	2	0	7.3	-3.4	-2.0	19	-1	4	-2	64	-8	0	0		—
	QENA	1020.2	+2.8	—	NW	2	0	8.6	-7.6	-1.9	23	+1	7	0	52	-15	—	—		—
	KHARGA	1020.4	+0.1	—	N	1	0	11.0	-3.5	—	22	—	7	—	41		0	0		—
	ASWAN	1017.8	+2.2	-1.4	NNE	2	0	16.0	-6.7	+3.5	28	+4	14	+5	24	-30	—	—		—
NILE VALLEY	WADI HALFA	1016.3	+0.9	-2.9	—	0	0	15.0	-4.2	+3.8	29	+5	13	+5	30	-22	—	—		—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1012.7	+0.3	-1.5	NNE	1	0	22.4	+1.4	+4.3	35	+5	20	+5	44	+9	0	1	5	—
SUDAN	PORT SUDAN	1015.5	-0.3	-0.1	NE	2	0	26.6	+1.2	+3.3	30	+3	23	+3	76	+10	0	29	95	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1008.7	-0.1	-3.2	NNE	1	0	24.5	-0.5	+2.8	36	0	19	+3	36	-7	0	33	37	
	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA	—	—	—	N	7	1	26.5	-1.0	—	38	—	—	—	63	—	0	75	141	

Upper Wind Observations at Helwan at 8.45 h. m.

Height in metres	Kms. an hour	Direction
500	15	NNW
1000	25	ENE
1500	5	NW
2000	20	NW
3000	25	WSW

General Situation

Egypt is now an area of high pressure.

الحالة الجوية

مصر الآن منطقة ارتفاع .

Forecast for 24 hours from noon to-day.

Light to moderate winds, on the coast southwest to west; inland southerly, becoming northeasterly tomorrow. Clear or occasional high cloud. Little change in temperature.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر غد

رياح بين الخفيفة والمعتدلة غربية وجنوبية غربية على الساحل وجنوبية في الداخل تتحول الى شمالية شرقية بالكرة . السماء صحو أو يعتريها بعض السحاب العالي أحيانا . ولا تتغير درجة الحرارة تقريبا .

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	46	-20	9.0	-1.7
Ezbekiya	45	-24	8.3	-1.9
Giza	45	-28	7.9	—
Helwan	43	-15	7.4	-1.5

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually.
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
14.1	986	1158
13.1	985	1101

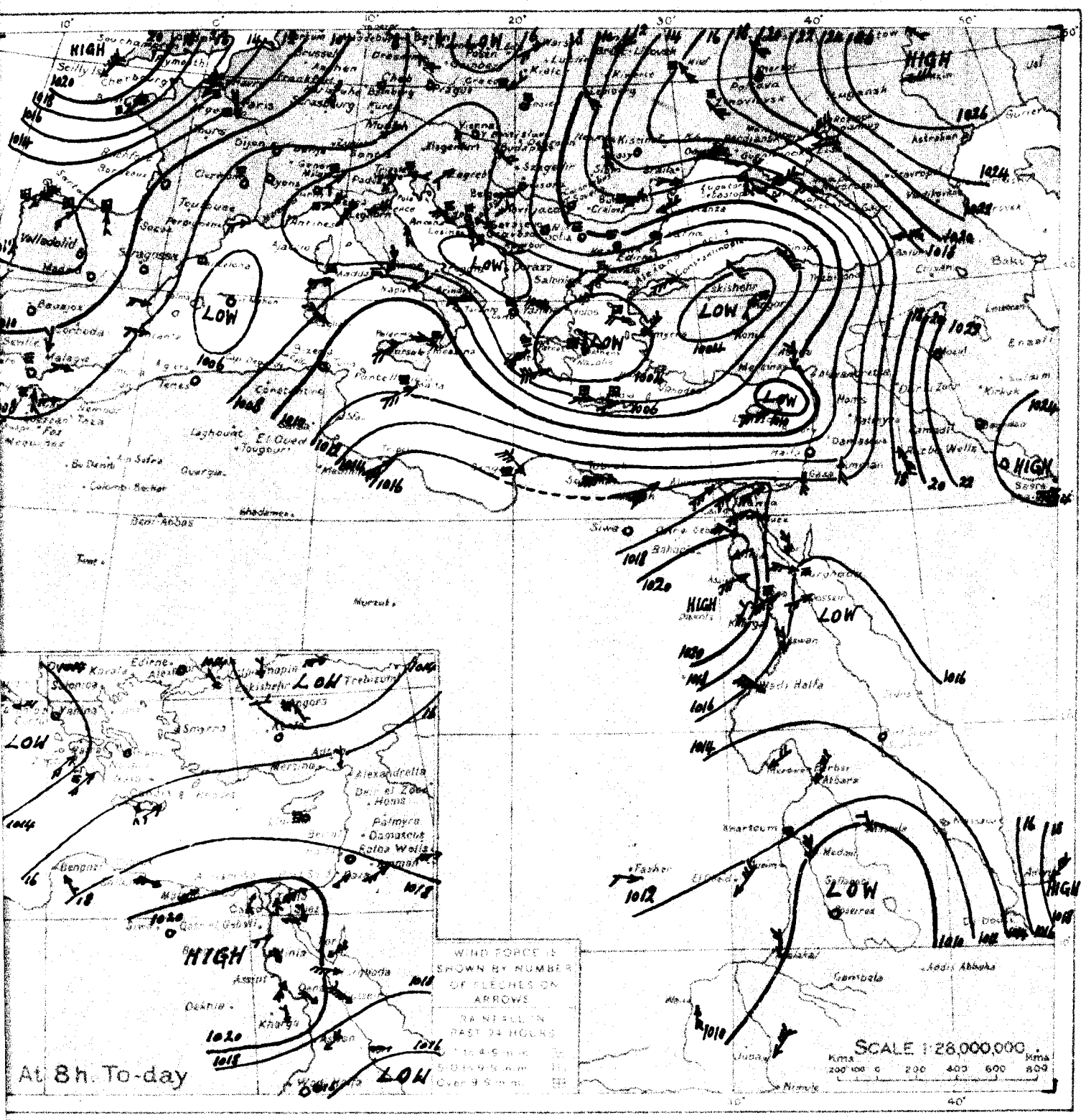
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	14.1	13.33	-0.04	13.32	-0.05
Nasser	13.1	5.65	-0.87	5.66	-0.94
Malakal	14.1	10.25	-0.93	10.27	-0.99
Roseires	15.1	12.03	-0.07	12.03	-0.1[illegible]
Sennar Res.	14.1	20.70	—	20.70	—
Makwar	14.1	4.75	-1.09	4.76	-1.10
Khartoum	15.1	10.49	-0.70	10.51	-0.7[illegible]
Kh. el Girba					
Atbara					
Wadi Halfa	14.1	10.21	-0.50	10.25	-0.4[illegible]
Aswan Res.	14.1	1.90	-0.67	1.93	-0.65
" D.S.	14.1	113.90	—	113.88	—
El Leithi	14.1	85.86	-0.27	85.85	-0.30
Roda (Cairo)	15.1	17.60	-0.72	17.60	-0.75
	15.1	14.36	-0.45	14.39	-0.43

PRINTED AT THE SURVEY OF EGYPT 1929(29/459/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٤-١-٣١ Barometer and Wind at 8 h. Yesterday 14.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

١٤-١-٣١ From Observations taken at 8 h yesterday 14.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
		mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.0	+4.6	-9.0	NE	2	4	5	+2	—	10	—	2	—	80	—	3	—	357	—
	MALTA	1011.2	+17.8	-6.6	WSW	3	4	11	0	—	13	-2	11	+1	70	—	trace	236	266	2
	ATHENS	1002.7	-6.3	-16.0	N	1	5	10	-3	—	—	—	9	+4	90	—	14	—	199	—
	CANDIA	1005.0	-4.5	-12.5	SW	1	3	14	-3	—	20	+5	10	+1	—	—	11	290	255	2
	LIMASSOL	1010.8	-5.1	-7.0	W	2	2	17	+1		19	+3	13	+7	—	—	0	258	245	3
EGYPT and SUDAN	Atbara عطبرة	1013.6	0.0	-1.3	NE	3	0	22.0	0.0	+2.8	27	-3	18	+4	54	+20	0	0	1	—
	Kassala كسلا	1009.4	-0.1	-3.3	N	1	0	23.5	-2.5	+1.1	37	+3	19	+3	63	+1	0	0	11	—
	Wad Medani ود مدني	1009.8	-2.4	-3.6	N	2	0	24.5	+1.0	+4.0	39	+5	17	+2	53	+16	0	8	13	—
	Malakal ملكال	1010.3	+1.0	-1.2	N	2	0	28.6	+0.6	+4.6	40	+5	21	+3	20	-6	0	105	93	—
	Wau واو	1010.0	+0.7	-1.2	S	2	1	24.0	-1.0	-1.9	38	+3	22	+5	82	+35	0	101	146	—
	Juba جوبا	—	—	—	NE	5	3	27.5	-2.0	—	41	—	—	—	50	—	0	75	141	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 h 52 m

" " sunset 17 h 18 m

From Observations taken at 8 h. to-day.

Friday 16th January, 1931 ١٩٣١ الجمعة ١٦ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1017.8	-7.8	-0.9	—	0	0	9.9	-1.2	-1.6	[illegible]	—	8	—	62	-11	0	51	45	1
	MATRUH	1018.3	-1.6	-0.4	SE	2	0	7.8	-2.4	-3.2	20	+2	7	-1	78	-1	0	161	91	1
	ALEXANDRIA	1019.6	-0.8	+0.6	SE	1	0	14.6	-2.5	+1.6	22	+3	12	+2	89	+15	0	83	125	2
	PORT SAID	1019.4	-1.2	+2.0	SSW	1	8	12.7	+1.8	-0.4	21	+2	10	0	83	+6	0	36	42	1
	GAZA	—	—	—	—	0	0	9.8	-0.6	-1.5	19	+1	8	0	78	+2	0	90	220	—
	HAIFA	1018.3	-0.8	+2.1	—	0	0	[illegible]	[illegible]	[illegible]	21	+3	10	+2	[illegible]	[illegible]	0	243	410	3
LOWER EGYPT	TANTA	1019.2	-0.2	—	N	1	0	10.0	+1.5	—	23	—	7	—	96	—	0	22	—	—
	CAIRO: EZBEKIYA	1018.4	-2.4	-0.8	N	1	0	9.4	+0.1	0.0	21	+2	7	0	79	0	0	10	15	—
	CAIRO: GIZA	1019.0	-2.1	-0.9	N	1	0	9.0	+0.1	—	20	+1	4	-2	87	—	0	12	13	—
	CAIRO: HELWAN	1018.4	-2.7	-1.2	—	0	0	11.3	+2.2	+1.4	19	+1	9	+1	72	+3	0	12	14	—
	SIWA	1015.4	-5.4	-4.4	—	0	0	6.0	+3.3	-2.2	—	—	4	0	69	-1	0	35	4	—
RED SEA	SUEZ	1017.8	-2.6	-0.7	N	2	0	11.0	+1.0	-1.2	20	+1	9	-1	69	-7	0	10	16	2
	TOR	1018.2	-0.9	+0.1	NE	2	0	11.0	-2.0	-1.4	21	0	5	-4	54	-5	0	7	10	2
	HURGHADA	1018.0	-1.8	—	NNW	3	0	13.8	+0.1	—	22	—	8	—	40	—	0	0		1
	QOSSEIR	1018.0	-1.2	—	W	2	0	19.0	+1.2	—	23	—	16	—	40	—	0	15		2
UPPER EGYPT	GEBALI	1019.0	-2.5	-0.4	NW	1	0	5.2	+0.7	-3.6	21	+2	4	-1	97	+19	0	8		—
	MINYA	1019.5	-1.9	—	NNW	3	3	5.5	-2.0	-4.0	19	-1	2	-4	93	+13	—			—
	ASYUT	1019.8	-1.7	-0.5	SW	2	0	7.2	-0.1	-2.1	21	+1	5	-1	61	-11	0	0		—
	QENA	1019.2	-1.0	—	NNW	2	0	9.3	+0.7	-1.2	23	+1	8	+1	43	-24				—
	KHARGA	1018.7	-1.7	—	—	0	0	11.3	+0.3	—	22	—	5	—	48		0	0		—
	ASWAN	1017.5	-0.3	-1.6	NNE	1	0	16.6	+0.6	+4.1	28	+4	14	+5	22	-32	—			—
UPPER NILE	WADI HALFA	1016.0	-0.3	-3.2	—	0	0	15.2	+0.2	+4.0	28	+4	12	+4	40	-12	—			—
	MEROWE	1014.0	-0.2	-2.8	NE	2	0	22.6	+0.5	+5.5	38	+9	19	+7	32	-4	0	0	1	—
	ATBARA	1013.3	-0.2	-1.6	E	2	0	24.5	-0.5	+5.4	37	+7	18	+4	42	+8	0	0	1	—
	KHARTOUM	1013.5	+0.8	-0.7	NNE	1	0	22.2	-0.2	+4.2	36	+6	20	+5	46	+11	0	1	5	—
SOUTHERN SUDAN	PORT SUDAN	1015.6	+0.1	0.0	—	0	0	25.7	-0.9	+2.5	30	+3	20	0	74	+8	0	29	96	1
	KASSALA	1009.4	0.0	-2.3	—	0	0	26.0	+0.5	+3.7	37	+3	18	+2	48	-14	0	0	11	—
	WAD MEDANI	1011.4	0.0	-2.0	ESE	3	0	23.5	-1.5	+3.2	39	+5	18	+3	56	+19	0	8	13	—
	ROSEIRES	1009.3	+0.6	-2.6	—	0	0	24.0	-0.5	+2.3	40	+4	18	+2	33	-10	0	30	37	—
	EL FASHER	1012.6	-1.3	—	WNW	1	0	18.0	+1.0	+3.3	38	+8	11	+1	32	-2	0	1	8	—
	EL OBEID																			
	MALAKAL	1011.5	-0.3	0.0	NNE	1	0	26.3	+0.3	+2.3	40	+5	19	+1	29	+3	0	103	93	—
	WAU	1009.6	+0.1	-1.5	S	2	1	26.0	-1.0	+0.1	39	+3	23	+6	55	+8	0	101	146	—
	JUBA	—	—	—	N	8	0	26.5	0.0	—	39	—	—	—	59	—	0	75	142	—

TEMP. F C — 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0, 10

PRESS. Mm. Mb. — 775, 770, 765, 760, 755, 750, 745, 740; 1030, 1025, 1020, 1015, 1010, 1005, 1000, 995, 990

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to-day. التنبؤات للطقس خصوصا في الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	32	-34	13.6	+2.9
Ezbekiya	43	-26	9.6	-0.6
Giza	68	-5	10.1	—
Helwan	44	-14	9.1	+0.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
16.1	964	1249
15.1	985	1206

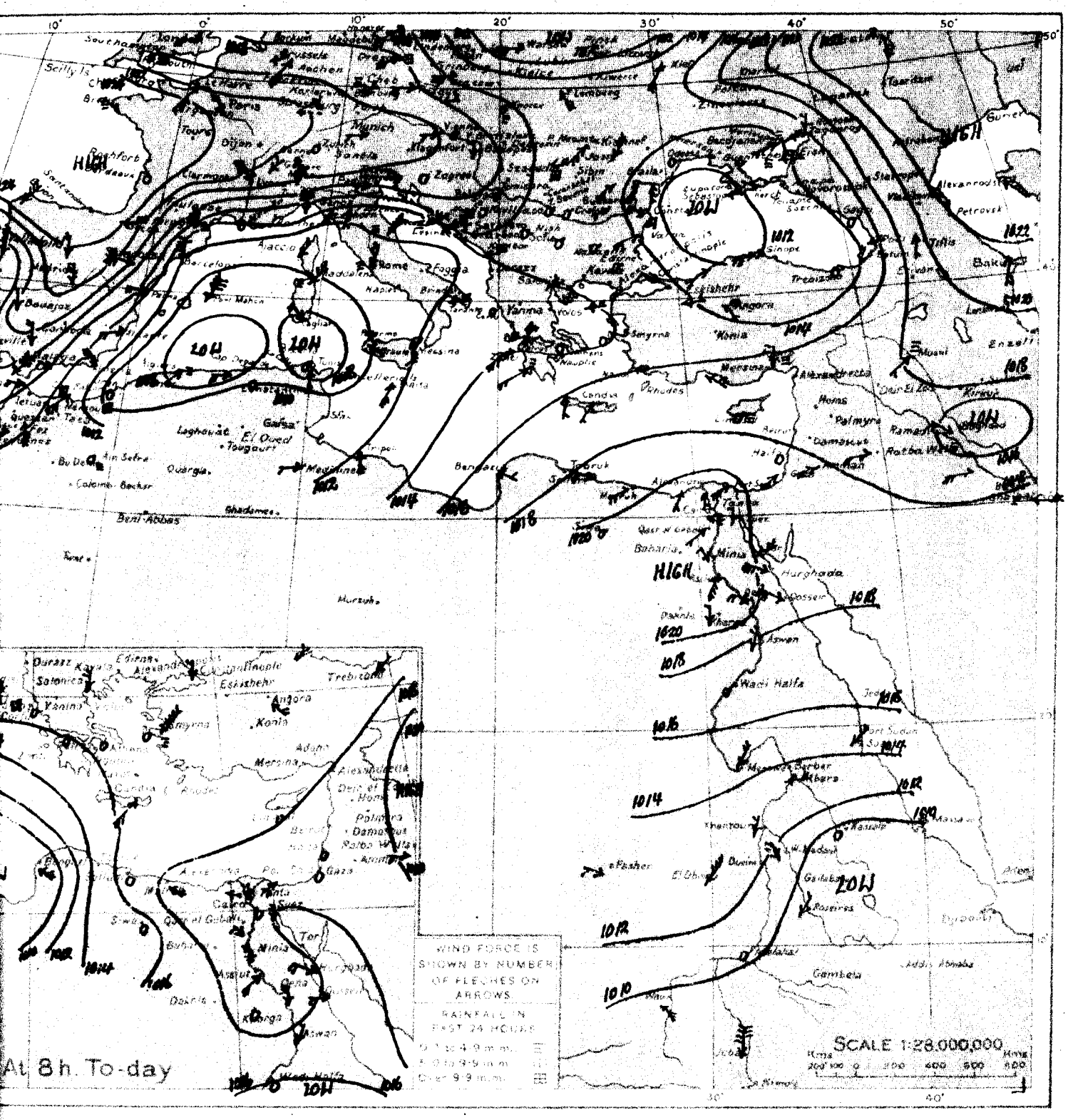
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	16.1	13.33	-0.03	13.34	-0.02
Nasser	15.1	3.41	-0.79	5.62	-0.83
Malakal	16.1	14.23	-0.94	10.24	-0.96
Roseires	16.1	12.03	-0.05	12.03	-0.07
Sennar Res.	16.1	20.71	—	20.70	—
Makwar	16.1	4.70	-1.11	4.74	-1.08
Khartoum	16.1	10.47	-0.70	10.49	-0.70
Kh. el Girba					
Atbara	16.1	10.17	-0.52	10.17	-0.51
Wadi Halfa	16.1	1.85	-0.71	1.88	-0.69
Aswan Res.	16.1	113.88	—	113.86	—
" D.S.	16.1	85.83	-0.26	86.86	-0.26
El Leithi	15.1	17.60	-0.72	17.60	-0.75
Roda (Cairo)	15.1	14.36	-0.45	14.39	-0.43

PRINTED AT THE SURVEY OF EGYPT 1930(20/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١-١٠ Barometer and Wind at 8 h. Yesterday 15. 1. 31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٣١-١-١٠ From Observations taken at 8 h. yesterday 15.1.31

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C.	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.8	+3.8	-5.2	NE	2	4	7	+2	—	11	—	4	—	80	—	1	—	360	—
	MALTA	1011.2	0.0	-6.6	SSW	3	3	12	+1	—	14	-1	11	+1	50	—	0	236	269	1
	ATHENS	1014.3	+11.6	-4.4	—	0	1	11	+1	—	—	—	10	+5	80	—	0	—	201	—
	CANDIA ✓	1016.8	+11.8	-0.7	SW	1	1	12	-2	—	21	+6	10	+1	—	—	0	290	258	2
	LIMASSOL	1016.3	+5.5	-1.5	—	0	2	14	-3	—	19	+3	9	+3	—	—	3	261	248	2
EGYPT and SUDAN	Merowe مروى	1014.2	+0.7	-2.6	NE	2	0	22.1	-1.5	+4.9	36	+7	18	+6	31	-5	0	0	1	—
	Atbara عطبرة	1013.5	-0.1	-1.4	E	2	0	25.0	+3.0	+5.9	36	+6	18	+4	44	+10	0	0	1	—
	Kassala كسلا	1009.4	0.0	-3.3	—	0	0	25.5	+2.0	+3.2	37	+3	19	+3	51	-11	0	0	11	—
	Wad Medani ود مدني	1011.4	+1.6	-2.0	NNW	2	0	25.0	+0.5	+4.6	39	+5	19	+4	40	+3	0	8	13	—
	El Fasher الفاشر	1013.9	+0.9	—	NNW	1	0	17.0	0.0	+2.3	38	+8	12	+2	43	+9	0	1	8	—
	El Obeid الأبيض	1013.4	+2.7	-2.5	NE	4	0	22.3	-3.8	+4.7	36	+6	15	+4	63	+28	0	17	19	—
	Malakal ملكال	1011.6	+1.5	+0.3	—	0	1	26.0	-2.6	+2.0	40	+5	20	+2	52	+26	0	103	93	—
	Wau واو	1007.5	-0.6	-1.7	SE	2	0	27.0	+3.0	+1.1	39	+3	23	+6	66	+19	0	101	146	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 52m

" " sunset 17h 19m

From Observations taken at 8 h. to-day.

Saturday 17th January, 1931 — ١٩٣١ — السبت ١٧ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1010.3	−7.5	−8.4	W	5	6	10.2	+0.3	−1.2	17	—	9	—	70	−3	0	51	46	4
	MATRUH	1010.3	−8.0	−8.3	W	4	0	11.2	+3.4	+0.2	20	+2	7	−1	63	−16	0	161	92	4
	ALEXANDRIA	1009.8	−9.8	−9.2	W	6	2	17.0	+2.4	+4.0	22	+3	11	+1	66	−8	0	83	126	5
	PORT SAID	1010.4	−9.0	−7.0	SSW	3	1	13.6	+0.9	+0.5	20	+2	11	+1	78	+1	0	36	42	2
	GAZA	—	—	—	S	1	3	13.9	+4.1	+2.6	20	+2	8	0	50	−26	0	90	222	—
	HAIFA	1009.1	−9.2	−7.1	SSE	1	1	13.7	—	+1.0	21	+3	10	+2	58	−10	0	243	416	3
LOWER EGYPT	TANTA	1011.2	−8.0	—	SW	1	1	10.8	+0.8	—	23	—	8	—	63	—	0	22	—	—
	CAIRO EZBEKIYA	1012.0	−6.4	−7.2	SSW	2	3	13.0	+3.6	+3.6	24	+5	8	+1	43	−36	0	10	15	—
	CAIRO GIZA	1011.9	−7.1	−8.0	SSE	2	3	13.5	+4.5	—	24	+5	9	+3	41	—	0	12	13	—
	CAIRO HELWAN	1011.4	−7.0	−8.1	S	1	4	14.0	+2.7	+4.1	21	+3	14	+6	28	−41	0	12	14	—
	SIWA	1013.3	−2.1	−6.5	—	0	2	7.7	+1.7	−0.5	—	—	6	+2	73	+3	0	35	4	—
RED SEA	SUEZ	1010.4	−7.4	−8.1	S	3	3	18.0	+7.0	+5.8	22	+3	10	0	73	−3	0	10	16	4
	TOR	1013.9	−4.3	−4.2	S	2	2	19.7	+8.7	+7.3	22	+1	10	+1	75	+16	0	7	10	2
	HURGHADA	1012.8	−5.2	—	NNE	3	2	14.8	+1.0	—	22	—	9	—	70	—	0	0	—	1
	QOSSEIR	1013.8	−4.2	—	SW	2	0	21.0	+2.0	—	23	—	16	—	80	—	0	15	—	2
UPPER EGYPT	GEBALI	1013.4	−5.6	−6.0	W	1	0	9.0	+3.8	+0.2	21	+2	4	−1	78	0	0	8	—	—
	MINYA	1013.5	−6.0	—	SSW	3	1	10.4	+4.9	+0.9	22	+2	—	—	—	—	—	—	—	—
	ASSIUT	1014.6	−5.2	−5.7	SW	2	3	12.9	+5.7	+3.6	24	+4	6	0	56	−16	0	0	—	—
	SENA	1014.8	−4.4	—	NE	2	0	11.2	+1.9	+0.7	26	+4	6	−1	43	−24	—	—	—	—
	KHARGA	1014.4	−4.3	—	—	0	0	13.0	+1.7	—	28	—	7	—	39	—	0	0	—	—
	ASWAN	1014.3	−3.2	−4.8	—	0	0	17.6	+1.0	+5.1	29	+5	14	+5	54	0	—	—	—	—
NILE VALLEY	WADI HALFA	1013.9	−2.1	−5.3	—	0	0	16.4	+1.2	+5.2	31	+7	13	+5	52	0	—	—	—	—
	KEROWE	1013.1	−0.9	−3.7	NE	1	0	23.6	+1.0	+6.5	38	+9	17	+5	30	−6	0	0	1	—
	ATBARA	1012.8	−0.5	−2.1	NE	3	0	23.0	−1.5	+3.9	38	+8	17	+4	44	+10	0	0	1	—
	KHARTOUM	1011.5	−2.0	−2.7	NNE	1	0	23.0	+0.8	+5.0	37	+7	19	+4	28	−7	0	1	5	—
SOUTHERN SUDAN	PORT SUDAN	1014.2	−1.4	−1.4	—	0	0	25.3	−0.4	+2.1	30	+3	20	0	77	+11	0	29	96	1
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1007.5	−1.8	−4.4	—	0	0	24.5	+0.5	+2.7	39	+3	16	0	36	−7	0	33	37	—
KORDOFAN	EL FASHER	1011.1	−1.5	—	WNW	1	0	18.5	+0.5	+3.8	37	+7	13	+3	37	+3	0	1	8	—
	EL OBEID																			
	MALAKAL																			
	WAU	1011.2	+1.6	+0.1	S	2	1	26.0	0.0	+0.1	38	+2	23	+6	56	+10	0	101	147	—
	JUBA																			

Upper Wind Observation at Helwan at h. m. 9 00

Height (metres)	Kms. per hour	Direction
500	35	WSW
1000	35	W
1500	70	WSW
2000	80	WSW
3000		

General Situation

Pressure over Egypt has fallen considerably owing to the approach of a depression which is now centred at the entrance of the Aegean. There is also a shallow depression off the coast of the Delta.

الحالة العمومية

ينخفض الضغط على مصر كثيرا تبعا لقرب انخفاض يقع الآن على مدخل بحر أبجا ويوجد ايضا انخفاض قريب الغور بالقرب من ساحل الدلتا.

Forecast for 24 hours from noon to-day.

On the coast fresh westerly winds; inland moderate southwesterly winds, freshening. Much low cloud. Possibility of light rain on the coast. Slightly cooler but temperature remaining above normal.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح نسيمية غربية على الساحل ومعتدلة جنوبية غربية في الداخل تشتد - يكثر السحاب المنخفض - ويحتمل امطار خفيفة على الساحل - الطقس أميل للبرودة الا أن درجة الحرارة تظل فوق المعدل.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	75	+9	14.1	+3.4
Ezbekiya	59	−9	10.9	+0.7
Giza	66	−6	11.0	—
Helwan	50	−7	10.8	+1.9

NOTE. A dash means that figures are not available

Terms of Subscription. By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
16.1	964	1249
15.1	985	1206

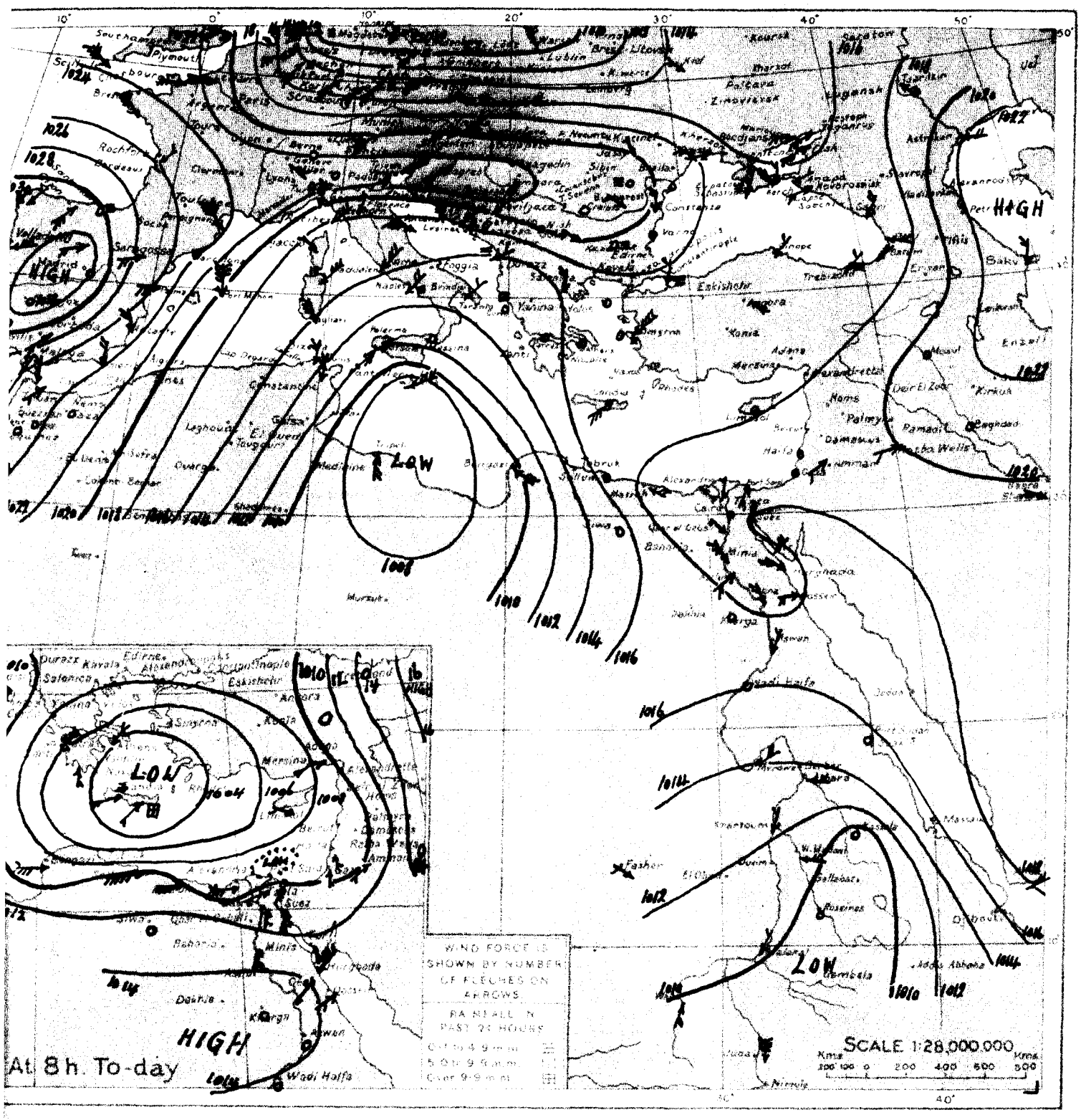
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m	m	m	m
Juba	16.1	13.33	−0.03	13.34	−0.02
Nasser	16.1	5.61	−0.79	5.62	−0.83
Malakal	16.1	10.23	−0.94	10.24	−0.96
Roseires	17.1	12.02	−0.05	12.03	−0.05
Sennar Res.	16.1	20.71	—	20.70	—
Makwar	16.1	4.70	−1.11	4.74	−1.08
Khartoum	17.1	10.44	−0.71	10.47	−0.70
Kh. el Girba					
Atbara	16.1	10.17	−0.52	10.19	−0.51
Wadi Halfa	17.1	1.85	−0.70	1.85	−0.71
Aswan Res.	16.1	113.88	—	113.88	—
" D.S.	16.1	85.83	−0.28	85.86	−0.26
El Leithi	15.1	17.60	−0.72	17.60	−0.75
Roda (Cairo)	15.1	14.36	−0.45	14.39	−0.43

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1), 1930 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

.31-1-17 Barometer and Wind at 8 h. Yesterday 16.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.31-1-17 From Observations taken at 8 h. yesterday. 16.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.3	+4.5	-0.8	NE	3	0	5	-2	—	8	—	3	—	80	—	—	—	362	—
	MALTA	1006.1	-5.1	-11.7	ENE	4	4	14	+2	—	17	+2	12	+2	80	—	0	236	271	2
	ATHENS	1016.4	+2.1	-2.3	—	0	0	10	-1	—	—	—	—	—	80	—	—	—	203	—
	CANDIA	1016.6	-0.2	-0.9	SW	3	1	14	+2	—	21	+6	10	+1	—	—	0	290	261	2
	LIMASSOL	1017.9	+1.6	+0.1	—	0	1	15	+1		21	+5	9	+3	—	—	0	261	251	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 51

" " sunset 17 20

From Observations taken at 8 h. to-day.

Sunday 18th January, 1931 ١٩٣١ الأحد ١٨ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1014.4	+4.1	-4.3	W	3	0	10.1	-0.1	-1.3	15	—	8	—	84	+11	0	51	47	5
	MATRUH	1014.2	+3.9	-4.4	WSW	4	1	11.2	0.0	+0.2	18	0	7	-1	77	-2	0	161	94	5
	ALEXANDRIA	1013.0	+3.2	-5.9	W	6	2	15.4	-1.6	+2.5	19	0	13	+3	83	+9	drops	83	128	6
	PORT SAID	1012.7	+2.3	-4.6	WSW	4	1	12.1	-1.5	-0.9	21	+3	11	+1	82	+5	drops	36	43	5
	GAZA																			
	HAIFA	1006.6	-2.5	-9.6	SSW	1	4	14.7	+1.0	+2.0	18	0	9	+1	63	-5	13	256	423	6
LOWER EGYPT	TANTA	1013.6	+2.4	—	SW	1	0	11.9	+1.1	—	20	—	10	—	76	—	0	22	—	—
	CAIRO / EZBEKIYA	1015.5	+3.5	-3.7	SW	2	1	11.7	-1.3	+2.3	21	+2	10	+3	57	-22	0	10	16	—
	CAIRO / GIZA	1015.1	+3.2	-4.8	SSE	2	3	11.2	-2.3	—	21	+2	10	+4	62	—	0	12	14	—
	CAIRO / HELWAN	1016.3	+4.9	-3.2	S	3	4	10.7	-3.3	+0.9	22	+4	8	0	47	-22	0	12	15	—
	SIWA																			
RED SEA	SUEZ	1013.4	+3.0	-5.1	W	4	4	15.0	-3.0	+2.8	23	+4	13	+3	56	-19	0	10	16	3
	TOR	1016.0	+2.1	-2.1	NE	3	1	15.8	-3.9	+3.4	26	+5	14	+5	56	-3	0	7	10	—
	HURGHADA	1016.3	+3.5	—	NW	5	0	15.5	+0.7	—	21 ?	—	8	—	24	—	0	0	—	3
	QOSSEIR	1015.9	+2.1	—	W	2	0	18.2	-2.8	—	27	—	16	—	58	—	0	15	—	2
UPPER EGYPT	GEBALI	1017.2	+3.8	-2.2	WNW	2	0	10.0	+1.0	+1.2	23	+4	8	+3	64	-14	0	8	—	—
	MINYA	1019.0	+5.5	—	ENE	3	0	9.2	-1.2	-0.3	23	+3	6	0	48	-32	—	—	—	—
	ASYUT	1019.5	+4.9	-0.8	WNW	3	0	9.8	-3.1	+0.5	24	+4	6	0	44	-28	0	0	—	—
	QENA	1019.0	+4.2	—	W	2	0	10.8	-0.4	+0.3	29	+7	9	+2	54	-13	—	—	—	—
	KHARGA	1019.9	+5.5	—	—	0	0	13.0	0.0	—	30	—	9	—	38		0	0	—	—
	ASWAN	1018.8	+4.5	-0.3	N	2	0	16.4	-1.2	+3.9	34	+10	14	+5	20	-34	—	—	—	—
SUDAN	WADI HALFA	1018.0	+4.1	-1.1	NNE	1	0	15.2	-1.2	+4.0	35	+11	14	+6	38	-14	—	—	—	—
	MEROWE	1014.2	+1.1	-2.6	NE	3	0	23.6	0.0	+6.5	39	+10	20	+8	33	-3	0	0	1	—
	ATBARA																			—
	KHARTOUM	1012.0	+0.5	-2.1	NNE	1	0	23.4	+0.4	+5.4	37	+7	19	+4	29	-5	0	1	5	—
	PORT SUDAN	1014.7	+0.5	-0.9	NW	1	0	25.2	-0.1	+2.0	30	+3	20	+1	61	-5	0	29	96	1
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES																			
	EL FASHER																			
	EL OBEID	1011.9	-0.1	-4.0	NE	3	0	23.8	-1.5	+6.3	36	+6	15	+4	56	+21	0	17	19	
	MALAKAL	1010.3	+1.2	-1.2	N	2	0	27.6	0.0	+3.6	40	+5	20	+2	13	-12	0	103	93	
	WAU																			
	JUBA																			

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 9 00

Height (Metres)	Kms an hour	Direction
500	20	SW
1000	45	W
1500	35	W
2000	35	W
3000		

General Situation

Upper Egypt is an area of relatively high pressure, and there is a very steep gradient from Egypt across the eastern Mediterranean to Greece, where a depression is situated. A depression moving east has reached northern Iraq.

الحالة الجوية

مصر العليا منطقة ارتفاع نسبي، وانحدار الضغط كبير من مصر الوجه شرقا البحر الابيض المتوسط الى اليونان حيث يوجد انخفاض - وهناك انخفاض آخر يتحرك شرقا وقد وصل شمال العراق.

Forecast for 24 hours from noon to-day.

On the coast fresh to strong westerly and southwesterly winds. Inland moderate to fresh southerly and southwesterly winds.

Some low cloud. Possibility of light rain on the coast. Cooler.

التغيرات المنتظر حدوثها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين الشمالية والشرقية غربية وجنوبية غربية على الساحل ورياح بين المعتدلة والشمالية جنوبية وجنوبية غربية في الداخل يثار بعض السحاب المنخفض ويحتمل تساقط مطر خفيف على الساحل - الطقس أميل الى البرودة.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	56	-10	12.1	+1.4
Ezbekiya	33	-35	9.3	-0.9
Giza	31	-41	9.3	—
Helwan	28	-29	8.7	-0.2

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
18.1	928	1330
17.1	948	1300

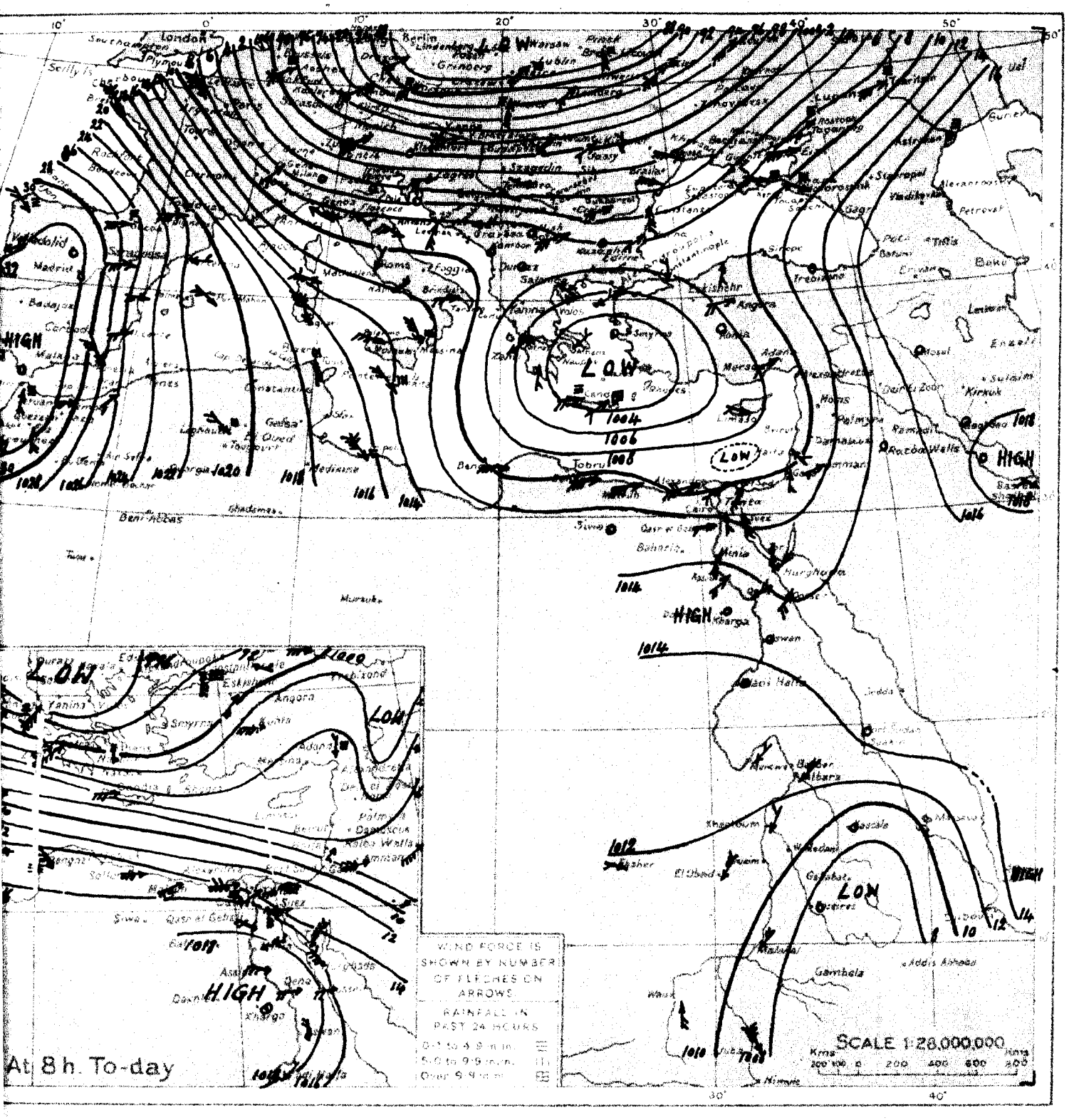
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	17.1	13.36	0.00	13.33	-0.01
Nasser	17.1	5.57	-0.69	5.61	-0.73
Malakal	17.1	10.22	-0.93	10.23	-0.94
Roseires	17.1	12.02	-0.05	12.03	-0.05
Sennar Res.	16.1	20.71	—	20.70	—
Makwar	16.1	4.70	-1.11	4.74	-1.09
Khartoum	18.1	10.42	-0.71	10.44	-0.71
Kh. el Girba					
Atbara	18.1	10.15	-0.51	10.15	-0.53
Wadi Halfa	17.1	1.85	-0.70	1.85	-0.71
Aswan Res.	18.1	113.89	—	113.89	—
" D.S.	18.1	85.76	-0.34	85.79	-0.31
El Leithi	17.1	17.50	-0.78	17.54	-0.76
Roda (Cairo)	17.1	14.32	-0.48	14.34	-0.46

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٧-١-٣١. Barometer and Wind at 8 h. Yesterday 17.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٧-١-٣١. From Observations taken at 8 h. yesterday. 17.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.9	-4.4	-5.2	NE	1	4	2	-3	—	13	—	1	—	80	—	—	—	365	—
	MALTA	1013.3	+7.2	-4.3	NW	3	1	13	-1	—	15	0	8	-2	70	—	5	241	274	2
	ATHENS	1003.8	-12.6	-14.8	NE	1	3	11	+1	—	—	—	—	—	90	—	—	—	204	—
	CANDIA	1003.6	-13.0	-13.9	SW	1	3	13	-1	—	21	+6	10	+1	—	—	16	306	263	3
	LIMASSOL	1007.9	-10.0	-9.7	WNW	1	4	14	-1		22	+6	9	+3	—	—	0	261	255	1
EGYPT and SUDAN	Kassala	1009.4	0.0	-3.3	—	0	0	27.0	+1.0	+4.7	37	+3	19	+3	43	-19	0	0	11	—
	EL Obeid	1012.0	-1.4	-3.9	NE	3	0	25.3	+1.0	+7.8	36	+6	15	+4	54	+19	0	17	19	—
	Malakal	1009.1	-2.4	-2.4	NNE	2	0	27.6	+1.3	+3.6	39	+4	19	+1	19	-6	0	103	93	—
	Juba	—	—	—	NNW	7	2	26.0	-0.5	—	39	—	—	—	62	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 51

" " sunset 17 21

From Observations taken at 8h. to-day.

Monday 19th January, 1931 ١٩٣١ الأثنين ١٩ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018.6	-3.8	-8.1	W	4	2	10.3	+0.2	-1.1	19	—	10	—	79	+6	0	51	48	6
	MATRUH	1010.4	-3.8	-8.2	WSW	6	7	10.8	-0.4	-0.1	20	+2	10	+2	68	-11	0	161	95	8
	ALEXANDRIA	1011.1	-1.9	-7.8	SW	7	1	11.9	-3.5	-1.0	19	0	10	0	75	+1	traces	83	130	6
	PORT SAID	1011.1	-1.6	-6.2	WSW	4	0	12.2	+0.1	-0.8	20	+2	11	+1	74	-3	0	36	44	5
	GAZA	—	—	—	S	2	0	12.1	-1.5	+0.8	19	+1	10	+2	74	-2	0	90	228	—
	HAIFA	1006.3	-0.3	-9.9	SSW	3	1	17.3	+2.6	+4.6	18	0	10	+2	73	+5	35	291	430	6
LOWER EGYPT	TANTA	1012.7	-0.9	—	WSW	2	0	11.0	-0.9	—	21	—	10	—	75	—	0	22	—	—
	CAIRO: EZBEKIYA	1015.0	-0.5	-4.2	S	3	0	10.8	-0.9	+1.4	21	+2	9	+2	75	-4	0	16	16	—
	CAIRO: GIZA	1015.0	-0.1	-4.9	SE	3	0	11.1	-0.1	—	20	+1	8	+2	74	—	0	12	14	—
	CAIRO: HELWAN	1015.9	-0.4	-3.6	SSW	3	0	9.6	-1.7	-0.8	19	+1	8	0	74	+5	0	12	15	—
	SIWA	1015.1	-1.5	-4.7	SW	1	0	11.5	+2.5	+3.3	—	—	9	+5	70	0	0	35	4	—
RED SEA	SUEZ	1013.8	+0.4	-4.7	SW	3	0	15.8	+0.8	+3.6	22	+3	14	+4	59	-16	0	10	16	2
	TOR	1016.2	+0.2	-1.9	N	1	0	15.1	-0.7	+2.7	21	0	10	+1	68	+9	0	7	10	1
	HURGHADA	1016.7	+0.4	—	WNW	4	0	15.0	-0.5	—	22	—	12	—	49	—	0	0	—	2
	QOSSEIR	1015.9	0.0	—	W	3	0	~~15.3~~ 17.3	+0.1	—	25	—	15	—	~~38~~ 44		0	15	—	3
UPPER EGYPT	GEBALI	1016.3	-0.9	-3.1	W	3	0	10.6	+0.6	+1.8	21	+2	9	+4	35	+13	0	8		
	MINYA	1018.4	-0.6	—	WNW	3	0	9.5	+0.3	0.0	20	0	7	+1	74	-6				
	ASYUT	1019.9	+0.4	-0.4	WNW	2	0	10.6	+0.8	+1.3	19	-1	8	+2	71	0	0	0		
	QENA	1019.5	+0.5	—	W	2	0	10.7	-0.1	+0.2	21	-1	8	+1	72	+5				
	KHARGA	1020.4	+0.5	—	—	0	0	9.0	-4.0	—	23	—	4	—	58	—	0	0		
	ASWAN	1019.5	+0.7	+0.4	—	0	2	12.2	-4.2	-0.3	22	-2	8	-1	54	0				
NORTH SUDAN	WADI HALFA	1020.0	+2.0	+0.9	—	0	0	10.2	-5.0	-0.9	24	0	5	-3	41	-10				
	MEROWE	1017.9	+3.7	+1.1	NE	2	0	16.6	-7.0	-0.4	36	+7	13	+1	12	-24	0	0	1	
	ATBARA																			
	KHARTOUM	1014.2	+2.2	+0.1	NNE	2	0	20.2	-3.2	+2.2	37	+7	17	+2	17	-17	0	1	5	
CENTRAL SUDAN	PORT SUDAN	1014.4	-0.3	-1.2	NW	4	1	25.1	-0.1	+2.0	30	+3	20	+1	77	+11	0	29	96	4
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES																			
SOUTH SUDAN	EL FASHER	1013.9	+1.5	—	NNE	1	0	16.0	-3.0	+1.3	38	+8	8	-2	41	+8	0	1	8	
	EL OBEID																			
	MALAKAL	1010.7	+0.4	-0.8	N	3	0	26.2	-1.4	+2.2	40	+4	18	0	15	-10	0	103	93	
	WAU																			
	JUBA																			

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at 8 30 G.M.T.

Height (metres)	Kms. an hour	Direction
500	40	WSW
1000	60	WSW
1500	65	WSW
2000		
3000		

General Situation

The pressure gradient over the eastern Mediterranean remains very steep; the depression over Asia Minor has considerably deepened.

الحالة العمومية

لا يزال تدرج الضغط على شرقي البحر الأبيض حادا جدا بالنسبة لزيادة عمق الانخفاض الواقع على آسيا الصغرى

Forecast for 24 hours from noon to day.

Fresh westerly winds, strong at times.
Some low cloud.
Further showers on the coast tomorrow.
Remaining cool and unsettled.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية غربية تكون شديدة في بعض الأوقات
نظر كمية السحب المنخفضة
وقطر على الساحل غدا
ويستمر الطقس باردا ومضطربا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	68	+2	14.0	+3.3
Ezbekiya	49	-19	10.2	0.0
Giza	59	-13	10.3	—
Helwan	46	-11	9.3	+0.4

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
19-1	923	1334
18-1	928	1330

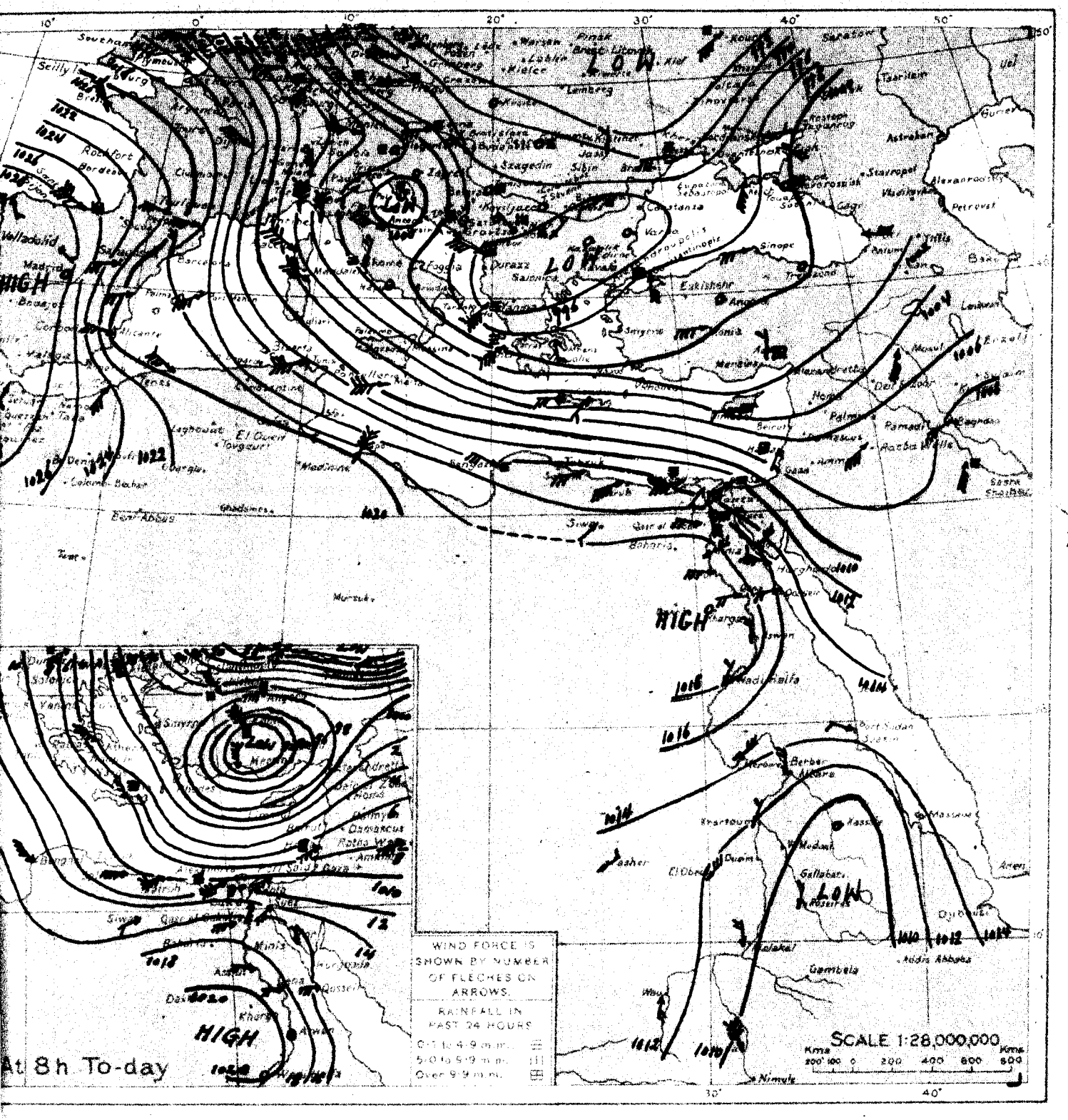
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	18-1	13.34	-0.02	13.36	0.00
Nasser	17-1	5.57	-0.69	5.61	-0.73
Malakal	18-1	10.21	-0.89	10.22	-0.93
Roseires	18-1	12.00	-0.05	12.02	-0.05
Sennar Res.	17-1	20.72	—	20.71	—
Makwar	17-1	4.70	-1.09	4.70	-1.11
Khartoum	18-1	10.42	-0.71	10.44	-0.71
Kh. el Girba					
Atbara	19-1	10.14	-0.50	10.15	-0.51
Wadi Halfa	18-1	1.84	-0.70	1.85	-0.70
Aswan Res.	19-1	113.90	—	113.89	—
" D.S.	19-1	85.73	-0.38	85.76	-0.34
El Leithi	19-1	17.50	-0.71	17.50	-0.76
Roda (Cairo)	19-1	14.32	-0.45	14.32	-0.47

PRINTED AT THE SURVEY OF EGYPT 1929/30/(59/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -١-١٨ Barometer and Wind at 8 h. Yesterday 18-1-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -١-١٨. From Observations taken at 8 h. yesterday 18-1-1931.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C.	°C	°C.	°C.	°C.	°/o		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1001·1	-10·8	-16·0	NE	2	0	8	+6	—	10	—	4	—	70	—	1	—	367	—
	MALTA	1009·8	-3·5	-7·8	W	7	4	13	0	—	14	-1	12	+2	—	—	0	241	276	4
	ATHENS	999·1	-4·7	-19·5	S	1	4	12	+1	—	—	—	10	+5	70	—	—	—	206	—
	CANDIA	1006·0	+2·4	-11·5	SW	1	1	15	+2	—	17	+2	9	0	—	—	0	306	266	2
	LIMASSOL	1003·4	-4·5	-14·2	W	1	1	18	+4	—	19	+3	10	+4	—	—	20	281	258	2
EGYPT and SUDAN	Siwa سيوه	1016·4	+3·3	-3·2	SW	1	0	9·0	+1·3	+0·8	—	—	8	+4	73	+3	0	35	4	—
	Atbara عطبره	1013·5	+0·7	-1·4	N	2	0	24·5	+1·5	+6·4	37	+7	16	+3	41	+7	0	0	1	—
	Kassala كسلا	1009·3	-0·1	-3·4	—	0	0	26·5	-0·5	+4·3	38	+4	17	+1	40	-22	0	0	11	—
	Roseires روصيرس	1009·9	+2·4	-2·0	NNE	1	0	27·0	+2·5	+5·2	38	+2	18	+2	26	-17	0	33	37	—
	El Fasher الفاشر	1012·4	+1·3	—	ENE	1	0	19·0	+0·5	+4·3	37	+7	12	+2	34	+1	0	1	8	—
	Wau واو	1013·0	+1·8	+1·9	S	2	0	25·0	-1·0	-0·9	38	+2	23	+6	61	+15	0	101	147	—
	Juba جوبا	—	—	—	NNW	8	1	28·0	+2·0	—	40	—	—	—	51	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 51m

" " sunset 17h 22m

From Observations taken at 8h. to-day.

Tuesday 20th January, 1931 — الثلاثاء ٢٠ يناير ١٩٣١

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1018.7	+8.1	0.0	W	3	3	9.1	-1.2	-2.3	[illegible]	—	8	—	84	+11	0	51	49	4
	MATRUH	1015.8	+5.4	-2.7	NNW	6	3	14.1	+3.3	+3.2	17	-1	10	+2	53	-26	2	163	97	7
	ALEXANDRIA	1014.6	+3.5	-4.3	~~SW~~ NW	8	4	13.3	+1.4	+0.4	18	-1	11	+1	56	-18	2	85	131	5
	PORT SAID	1013.1	+2.0	-4.2	W	3	3	11.7	-0.5	-1.3	18	0	10	0	84	+7	7	43	44	6
	GAZA	—	—	—	NE	3	4	13.2	+1.1	+1.9	19	+1	10	+2	54	-22	39	129	231	—
	HAIFA	1007.2	+0.9	-8.9	SSW	3	3	11.5	-5.8	-1.2	19	+1	9	+1	72	+4	38	329	436	9
LOWER EGYPT	TANTA	1015.1	+2.4	—	~~SW~~ WNW	1	2	9.5	-1.5	—	18	—	7	—	94	—	2	24	—	—
	CAIRO: EZBEKIYA	1015.5	+0.5	-3.7	W	2	4	10.9	+0.1	+1.5	20	+1	10	+3	74	-5	drops	10	16	—
	CAIRO: GIZA	1015.6	+0.6	-4.2	WSW	2	4	11.0	-0.1	—	19	0	10	+4	75	—	drops	12	14	—
	CAIRO: HELWAN	1016.0	+0.1	-3.4	WNW	3	5	9.8	+0.8	0.0	19	0	10	+2	75	+6	trace	12	15	—
	SIWA	1019.6	+4.5	-0.1	WSW	1	0	9.5	-2.0	+1.3	—	—	8	+4	74	+4	0	35	4	—
RED SEA	SUEZ	1013.9	+0.1	-4.5	NW	2	3	13.0	-2.8	+0.8	20	+1	11	+1	72	-3	0	10	16	2
	TOR	1014.6	-1.6	-3.5	N	2	4	14.8	-0.3	+2.4	21	0	13	+4	81	+22	drops	7	10	2
	HURGHADA	1015.0	-1.7	—	WNW	6	3	16.8	+1.8	—	23	—	12	—	42	—	0	0	—	4
	QOSSEIR	1015.6	-0.3	—	W	2	0	17.1	-1.2	—	25	—	14	—	38	—	0	15	—	2
UPPER EGYPT	GEBALI	1017.0	+0.7	-2.3	NW	4	0	10.2	-0.4	+1.4	20	+1	8	+3	72	-5	drops	8	—	—
	MINYA	1018.7	+0.3	—	WNW	4	0	12.0	+2.5	+2.5	20	0	8	+2	67	-13	—	—	—	—
	ASYUT	1018.6	-1.3	-1.7	NW	3	3	12.5	+1.9	+3.2	20	0	10	+4	64	-7	0	0	—	—
	QENA	1017.8	-1.7	—	WSW	2	4	12.2	+1.5	+1.7	22	0	9	+2	53	-14	—	—	—	—
	KHARGA	1019.8	-0.6	—	—	0	4	9.3	+0.3	—	23	—	6	—	51	—	0	0	—	—
	ASWAN	1019.2	-0.3	+0.1	—	0	0	13.2	+1.0	+0.7	22	-2	8	-1	38	-15	—	—	—	—
NORTH SUDAN	WADI HALFA	1020.3	+0.3	+1.3	—	0	0	10.0	-0.2	-1.1	22	-2	4	-4	50	-1	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1016.7	+2.5	+2.6	N	1	0	16.5	-3.7	-1.5	33	+3	14	-1	16	-18	0	1	5	—
EAST SUDAN	PORT SUDAN																			—
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1011.6	+1.7	-0.2	NNE	1	0	21.5	-0.5	-0.3	37	+1	18	+2	39	-3	0	33	37	—
SOUTH SUDAN	EL FASHER																			—
	EL OBEID	1015.5	+2.2	-0.4	NE	5	0	17.8	-3.0	+0.3	35	+5	10	-1	62	+28	0	17	19	—
	MALAKAL	1011.6	+0.8	0.0	NNE	5	0	25.0	-1.2	+0.9	39	+3	22	+4	6	-19	0	103	93	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C: 120 110 40 100 90 30 80 20 70 60 50 10

PRESS. Mm. Mb.: 775 1030 770 1025 765 1020 760 1015 755 1010 750 1000 745 995 740 990

Upper Wind Observations at Helwan at h. m. 9 15

Height (metres)	Kms an hour	Direction
500	20	WNW
1000	30	NW
1500	50	WNW
2000	50	WNW
3000		

General Situation

The depression is moving east over northern Iraq and pressure over Egypt and the eastern Mediterranean is rapidly rising. The gradient of pressure is still very steep but is weakening.

الحالة العمومية

يتحرك الانخفاض شرقا فوق شمال العراق والضغط آخذ في الارتفاع بسرعة فوق مصر وشرق البحر الابيض ولا يزال انحدار الضغط كبيرا إلا أنه آخذ في الاضمحلال

Forecast for 24 hours from noon to-day.

West to northwest winds, moderate inland, fresh to strong on the coast, moderating tomorrow. Some low cloud. Light scattered showers. Slightly cooler. Unsettled but improving.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين غربية وشمالية غربية معتدلة في الداخل وبين النسيمية والشديدة على الساحل ثم تعتدل باكر وتظهر بعض السحب المنخفضة وشواطئ رذاذ خفيف في انحاء متفرقة - الطقس أبرد قليلا وحالة غير مستقرة إلا أنه يتحسن

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	63	-3	11.5	+0.8
Ezbekiya	59	-9	10.3	+0.1
Giza	61	-11	10.6	—
Heiwan	66	+9	9.5	+0.6

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Mongalla River Gauge Readings for 30 & 31-12-30 were 11.51 & 11.51 M.

قراءتا المنجل بمقياس المنجلا يومي ٣٠ و ٣١-١٢-٣٠ كانتا ١١,٥١ و ١١,٥١ مترا

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
19-1	923	1334
18-1	928	1330

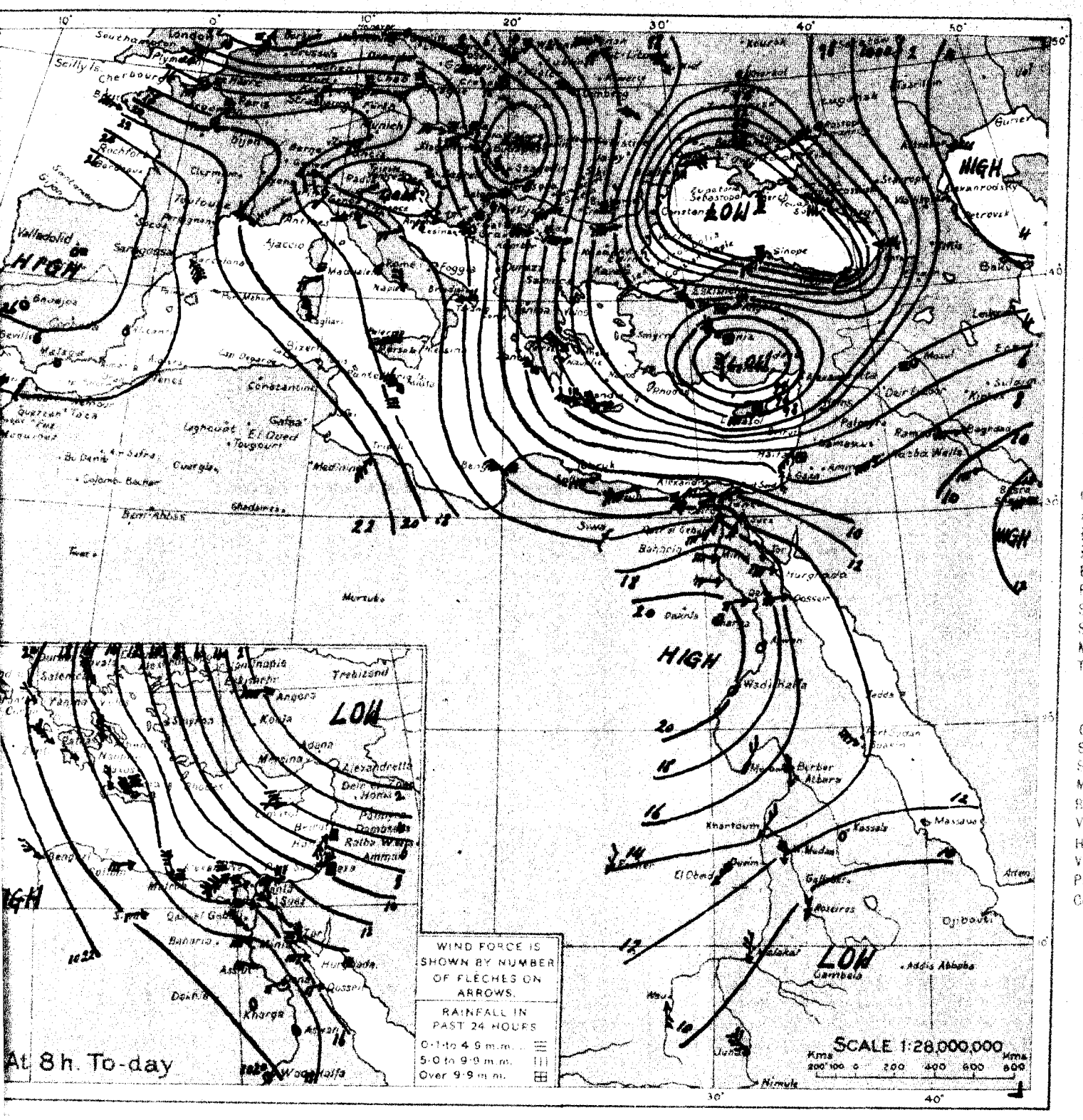
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	19-1	13.34	-0.01	13.34	-0.02
Nasser	18-1	5.61	-0.59	5.57	-0.69
Malakal	19-1	10.20	-0.88	10.21	-0.87
Roseires	20-1	11.94	-0.08	11.97	-0.07
Sennar Res.	18-1	20.72	—	20.72	—
Makwar	18-1	4.82	-0.95	4.70	-1.09
Khartoum	20-1	10.35	-0.74	10.37	-0.74
Kh. el Girba					
Atbara	20-1	10.11	-0.52	10.14	-0.50
Wadi Halfa	19-1	1.81	-0.72	1.84	-0.70
Aswan Res.	19-1	113.90	—	113.89	—
" D.S.	19-1	85.73	-0.38	85.76	-0.34
El Leithi	20-1	17.12	-0.56	17.50	-0.71
Roda (Cairo)	19-1	11.38	-0.45	11.38	-0.47

PRINTED AT THE SURVEY OF EGYPT 1930(30/699/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١ -١-١٩ Barometer and Wind at 8 h. Yesterday 19-1-1931.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -١-١٩ From Observations taken at 8 h. yesterday. 19.1.1931.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	—	—	—	—	0	0	2	-6	—	12	—	1	—	80	—	—	—	370	—
	MALTA	1016.1	+6.3	-1.4	NW	5	3	13	0	—	15	0	11	+1	60	—	tr.	241	279	3
	ATHENS	1003.3	+4.4	-15.1	NW	4	0	10	-2	—	—	—	—	—	40	—	—	—	208	—
	CANDIA	1002.4	-3.6	-15.0	NW	4	3	12	-3	—	21	+6	8	-1	—	—	4	310	269	1
	LIMASSOL	997.8	-5.6	-19.7	W	3	4	13	-5	—	18	+1	12	+6	—	—	19	300	261	4
EGYPT and SUDAN	Atbara	1014.4	+0.9	-0.5	N	4	0	22.5	-2.0	+3.5	37	+7	19	+6	20	-13	0	0	1	—
	Kassala	1010.6	+1.3	-2.0	—	0	4	20.0	-6.5	-2.4	38	+4	13	-3	55	-7	0	0	11	—
	Wad Medani	1010.6	-0.9	-2.8	N	3	0	23.0	+6.5	+2.7	40	+6	19	+4	18	-18	0	8	13	—
	Rosaires	1009.9	0.0	-1.9	NNE	1	0	22.0	-5.0	+0.2	40	+4	15	-1	36	-6	0	35	57	—
	El Obeid	1013.3	+1.4	-2.6	NE	3	0	20.8	-3.0	+3.3	36	+6	15	+4	59	+25	0	17	19	—
	Wau	1012.0	-2.0	0.0	S	2	0	25.0	0.0	-0.9	40	+4	19	+2	54	+8	0	101	147	—
	Juba	—	—	—	NW	6	0	28.0	0.0	—	40	—	—	—	44	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 50m

" " sunset 17h 22m

From Observations taken at 8h. to-day.

Wednesday 21st January, 1931 ١٩٣١ الأربعاء ٢١ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1023·9	+5·2	+3·2	NW	3	1	9·9	+0·8	-1·5	[illegible]	—	7	—	94	+6	0	51	50	4
	MATRUH	1023·0	+7·2	+4·5	N	5	2	14·8	+0·7	+3·9	15	-3	11	+3	51	-28	trace	163	98	5
	ALEXANDRIA	1021·9	+7·3	+3·0	NW	6	4	11·6	-1·7	-1·3	17	-2	11	+1	91	+17	trace	85	133	6
	PORT SAID	1019·4	+6·3	+2·2	NW	4	4	13·5	+1·8	+0·6	15	-3	10	-1	61	-16	9	52	45	4
	GAZA	—	—	—	SW	2	2	12·9	-0·3	+1·6	15	-3	8	0	54	-22	5	134	234	—
	HAIFA	1014·8	+7·6	-1·3	SSW	1	3	13·5	+2·0	+0·8	15	-3	9	+1	60	-7	8	337	443	4
LOWER EGYPT	TANTA	1021·8	+6·7	—	~~SSW~~ WSW	1	3	7·8	-1·7	—	17	—	7	—	100	—	4	28	—	—
	EZBEKIYA	1022·2	+6·7	+3·0	S	2	3	9·0	-1·9	-0·4	15	-4	7	0	83	+5	drops	10	16	—
	GIZA	1022·3	+6·7	+2·5	SE	2	3	8·3	-2·7	—	17	-2	5	-1	93	—	drops	12	14	—
	HELWAN	1022·6	+6·6	+3·2	NNW	2	0	7·3	-2·5	-2·5	16	-3	6	-2	90	+22	drops	12	15	—
	SIWA	1023·1	+3·5	+3·4	—	0	0	8·5	-1·0	+0·3	—	—	5	+1	73	+3	0	35	4	—
RED SEA	SUEZ	1019·4	+5·5	+1·0	N	2	0	13·0	0·0	+0·8	18	-1	12	+2	66	-9	0	10	16	2
	TOR	1019·2	+4·6	+1·2	N	5	2	14·0	-0·8	+1·6	19	-2	12	+3	68	+9	0	7	10	5
	HURGHADA	1019·8	+4·8	—	NNW	6	1	13·2	-3·6	—	21	—	9	—	53	—	0	0	—	4
	QOSSEIR	1019·5	+3·9	—	W	4	0	15·7	-1·4	—	22	—	12	—	44	—	0	15		4
UPPER EGYPT	BENI SUEF	1023·1	+6·1	+3·8	W	1	0	8·2	-2·0	-0·6	18	-1	5	0	91	+14	0	8		
	MINYA	1023·8	+5·1	—	NW	3	0	7·5	-4·5	-2·0	18	-2	6	0	86	+7				
	ASSIUT	1023·8	+5·2	+3·5	W	3	0	8·7	-3·8	-0·6	18	-2	6	0	74	+3	0	0		
	DENDERA	1022·0	+4·2	—	W	2	0	10·0	-2·2	-0·5	22	0	6	-1	72	+5				
	KHARGA	1021·8	+2·0	—	NW	1	0	11·1	+1·8	—	21	—	5		61		0	0		
	ASWAN	1021·8	+2·6	+2·8	NNE	2	0	11·3	-1·9	-1·2	22	-2	9	0	44	-9				
UPPER SUDAN	WADI HALFA	1021·2	+0·9	+2·2	N	2	0	10·2	+0·2	-0·9	22	-2	9	+1	55	+4				
	MEROWE	1017·9	-1·1	+1·2	NNE	2	0	~~14·1~~ 15·1	0·0	-2·8	26	-4	10	-2	~~51~~ 43	+16	0	0	1	
	ATBARA																			
	KHARTOUM	1017·0	+0·3	+2·9	NNE	2	0	15·5	-1·0	-2·5	26	-4	12	-3	33	0	0	1	5	
CENTRAL SUDAN	PORT SUDAN																			
	KASSALA	1010·4	-0·2	-2·2	—	0	0	19·0	-1·0	-3·2	36	+2	11	-5	30	-32	0	0	11	
	WAD MEDANI																			
	KOSSEIR																			
EQUATORIAL SUDAN	EL FASHER	1015·5	+1·2	—	NNE	1	1	10·0	-5·5	-4·7	37	+7	4	-6	35	0	0	1	8	
	EL OBEID	1015·6	+0·1	-0·3	NE	4	0	15·3	-2·5	-2·2	30	0	7	-4	68	+34	0	17	19	
	WAU																			
	KURMUK																			
	WAU																			
	JUBA																			

TEMP. F C — 120 110 100 90 80 70 60 50 40 30 20 10 0 -10 -20 -30 -40

PRESS Mm. Mb. — 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at 8 45 h.

Height (Metres)	Kms. an hour	Direction
500	25	NW
1000	35	NNW
1500	50	NNW
2000		
3000		

General Situation

The pressure over Egypt continues to rise. A wedge of high pressure now extends from the Balkans to Egypt. There is a shallow depression off Tunis.

الحالة العمومية

يستمر الضغط على مصر في الصعود ويمتد الآن نتوء من الضغط العالي من البلقان لمصر ويوجد انخفاض ضحل بالقرب من تونس

Forecast for 24 hours from noon to-day.

On the coast fresh northwesterly winds, moderating. Inland light southwest winds veering to northwest. Some low cloud. Further light scattered showers. Little change in temperature. Weather improving.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح شديدة نوعا من الشمال الغربي على الساحل تقل فيما بعد ورياح خفيفة جنوبية غربية في الداخل تتحول الى الشمال الغربي يظهر بعض السحب المنخفضة وتمطر خفيفا مطرا متفرقا ولا تتغير الحرارة إلا قليلا والطقس آخذ في التحسن

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	51	-15	9·9	-0·8
Ezbekiya	67	-1	9·7	-0·5
Giza	68	-4	10·0	—
Helwan	72	+15	9·0	+0·1

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
20-1	893	1334
19-1	923	1334

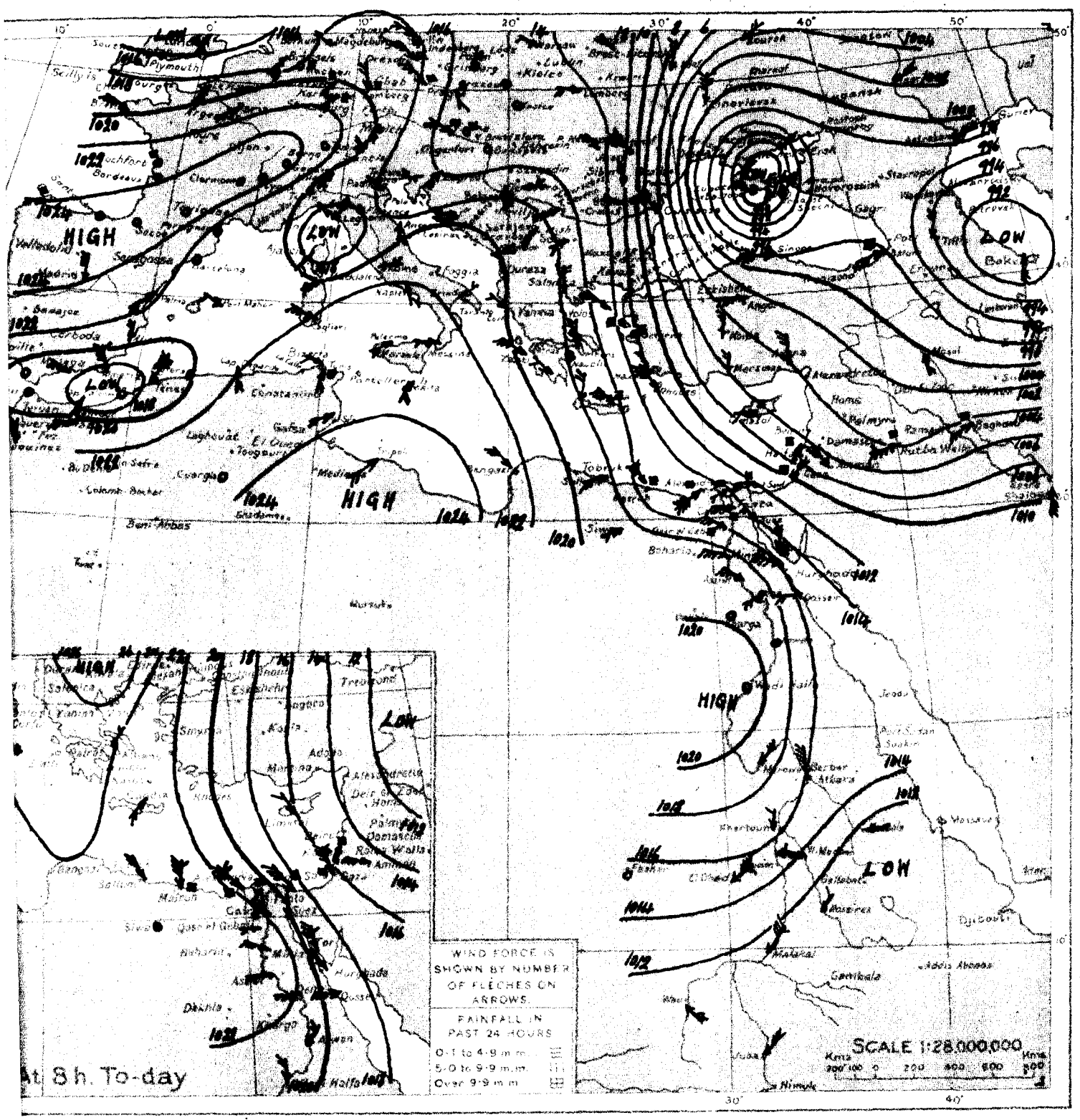
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	20-1	13·32	-0·03	13·34	-0·01
Nasser	19-1	5·57	-0·58	5·61	-0·54
Majakal	20-1	10·19	-0·86	10·20	-0·88
Roseires	20-1	11·94	-0·08	11·97	-0·07
Sennar Res.	19-1	20·70	—	20·72	—
Makwar	19-1	4·78	-0·97	4·82	-0·95
Khartoum	20-1	10·36	-0·74	10·37	-0·74
Kh. el Girba					
Atbara	20-1	10·11	-0·52	10·14	-0·50
Wadi Halfa	20-1	1·78	-0·73	1·81	-0·72
Aswan Res.	20-1	113·91	—	113·90	—
" D.S.	20-1	86·71	-0·41	86·73	-0·38
El Leithi	21-1	17·70	-0·46	17·62	-0·56
Roda (Cairo)	20-1	14·41	-0·35	14·32	-0·45

PRINTED AT THE SURVEY OF EGYPT 1229(29/269/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.1931-1-6 Barometer and Wind at 8 h. Yesterday 20. 1. 1931.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.1931-1-6 From Observations taken at 8 h. yesterday. 20.1.1931.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1020·3	—	+3·3	E	2	4	8	+6	—	10	—	3	—	60	—		—	372	—
	MALTA	1022·0	+5·9	+4·6	SSW	2	4	11	-2	—	14	-1	9	-1	80	—	0	241	281	2
	ATHENS	1017·0	+13·5	-1·6	N	4	0	10	0	—	—	—	—	—	20	—		—	210	—
	CANDIA	1017·2	+14·8	-0·2	NW	4	4	10	-2	—	15	0	9	0	—	—	2	312	272	6
	LIMASSOL	1006·0	+8·2	-11·5	W	1	0	9	-4		15	-2	3	-3	—	—	4	304	265	1
EGYPT and SUDAN	Merowe مروى	1019.0	+1.1	+2.3	NE	3	0	14·1	-2.5	-2.9	29	-1	10	-2	32	-3	0	0	1	—
	Atbara عطبرة	1016.0	+1.6	+1.2	N	4	0	17.8	-4.7	-1.2	32	+2	13	0	29	-4	0	0	1	—
	Kassala كسلا	1010.6	0.0	-2.0	E	1	0	20.0	0.0	-2.2	33	+4	14	-2	64	+2	0	0	11	—
	Wad Medani ود مدني	1013.9	+3.3	+0.5	WNW	5	0	18.5	-4.5	-1.8	38	+4	19	+4	11	-25	0	8	13	—
	El Fasher الفاشر	1014.3	+0.4	—	—	0	0	15.5	-0.5	+0.8	37	+7	8	-2	15	-18	0	1	8	—
	Wau واو	1011.6	+0.6	+0.6	SE	2	1	24.0	-1.0	-1.9	39	+3	19	+2	63	+17	0	101	147	—
	Juba جوبا	—	—	—	NE	3	0	29.0	+1.0	—	42	—	—	—	26	—	0	75	112	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 50m

" " sunset 17h 23m

From Observations taken at 8h. to-day.

Thursday 22nd January, 1931 — ١٩٣١ الخميس ٢٢ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1025.2	+1.3	+6.6	NNE	1	3	10.4	+0.5	-1.0	[illegible]	—	8	—	81	+8	0	51	51	2
	MATRUH	1025.4	+2.4	+6.9	WSW	2	1	10.0	-4.8	-0.9	16	-2	8	0	62	-17	0	163	100	3
	ALEXANDRIA	1025.0	+3.1	+6.1	ESE	1	4	12.4	+0.8	-0.5	16	-3	11	+1	59	-14	1	86	135	4
	PORT SAID	1023.8	+4.4	+6.6	WNW	2	4	13.0	-0.5	+0.1	16	-3	12	+1	57	-20	0	52	46	3
	GAZA	—	—	—	S	1	2	10.6	-2.3	-0.7	15	-3	8	0	81	+5	3	137	237	—
	HAIFA	1021.6	+6.8	+5.6	SSE	1	0	13.0	-0.5	+0.3	16	-2	10	+2	69	+2	0	337	450	3
LOWER EGYPT	TANTA	1024.8	+3.0	—	SSW	1	4	9.0	+1.2	—	16	—	8	—	80	—	drops	28	—	—
	CAIRO: EZBEKIYA	1024.8	+2.6	+5.6	—	0	2	7.7	-1.3	-1.7	16	-3	6	-1	82	+4	drops	10	16	—
	CAIRO: GIZA	1025.1	+2.8	+5.3	—	0	1	7.3	-1.0	—	16	-3	3	-3	94	—	drops	12	14	—
	CAIRO: HELWAN	1024.4	+1.8	+5.0	NE	3	0	8.2	+0.9	-1.6	16	-3	5	-3	73	+5	drops	12	16	—
	SIWA	1023.8	+0.7	+4.2	—	0	0	8.0	-0.5	-0.2	—	—	6	+2	75	+6	0	35	4	—
RED SEA	SUEZ	1023.2	+3.8	+4.8	N	2	0	10.0	-3.0	-2.2	16	-3	8	-2	76	+1	0	10	16	2
	TOR	1021.4	+2.2	+3.4	N	2	0	11.5	-2.5	-0.9	19	-2	7	-2	70	+11	0	7	10	2
	HURGHADA			—						—		—		—		—				
	QOSSEIR	1020.8	+1.3	—	NW	6	0	14.9	-0.8	—	20	—	13	—	52	—	0	15	—	6
UPPER EGYPT	GEBALI	1025.1	+2.0	+5.8	NW	1	0	7.5	-0.7	-1.3	18	-1	3	-2	79	+2	0	8	—	—
	MINYA	1024.3	+0.5	—	NNE	3	0	6.0	-1.5	-3.6	17	-3	4	-2	85	+6	—		—	—
	ASYUT	1023.9	+0.1	+3.7	WSW	2	0	6.4	-2.3	-2.9	16	-4	4	-2	84	+13	0	0	—	—
	QENA	1022.2	+0.2	—	N	2	0	9.3	-0.7	-1.2	20	-2	6	-1	69	+2	—	—	—	—
	KHARGA									—		—		—					—	—
	ASWAN	1021.4	-0.4	+2.4	NNE	1	1	10.2	-1.1	-2.3	20	-4	7	-2	58	+5	—	—	—	—
NORTH SUDAN	WADI HALFA	1019.8	-1.4	+0.8	N	1	1	9.2	-1.0	-1.9	20	-4	8	0	61	+10	—	—	—	—
	MEROWE	1017.1	-1.8	+0.4	NE	2	0	15.6	+1.5	-1.3	25	-5	10	-2	26	-9	0	0	1	—
	ATBARA																			—
	KHARTOUM	1015.6	-1.4	+1.5	NNE	1	2	15.0	-0.5	-3.0	26	-4	12	-3	29	-4	0	1	5	—
CENTRAL SUDAN	KOSTI	1016.0	—	+0.4	NN	4	1	21.5	—	-1.5	26	-1	18	-1	49	-16	0	29	77	4
	KASALA																			
	WAD MEDANI																			
	ROSEIRES																			
SOUTH SUDAN	EL FASHER	1016.2	+0.7	—	NNE	1	0	12.5	+2.5	-2.2	28	-2	6	-4	33	0	0	1	8	—
	EL OBEID																			
	MALAKAL	1012.7	-0.1	+1.3	NNE	4	0	21.4	+0.2	-2.7	32	-4	14	-4	22	-2	0	103	93	—
	WAU																			
	JUBA			—						—		—		—		—				—

TEMP. F. C. — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at 9 h. 15 m.

Height (metres)	Kms. per hour	Direction
500	30	NE
1000	30	NE
1500	55	NNE
2000	20	N
3000		

General Situation

High pressure extending from the Balkans to Egypt is maintained, and the pressure over Egypt has risen. The depression off Tunis is slowly deepening.

الحالة العمومية

لا يزال الارتفاع الممتد بين البلقان ومصر باقيا وقد ازداد الضغط فوق مصر أما الانخفاض الموجود بالقرب من تونس فهو يزداد عمقا ببطء

Forecast for 24 hours from noon to-day.

On the coast light variable winds, chiefly northwesterly; inland light to moderate northerly winds, becoming northeasterly.
Some high cloud.
Temperature about normal.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح خفيفة مختلفة الاتجاه أكثرها شمالية غربية على الساحل ورياح بين الخفيفة والمعتدلة شمالية تتحول الى شمالية شرقية في الداخل — وتظهر بعض السحب العالية ودرجة الحرارة حوالي المعدل

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	68	+2	10.2	-0.5
Ezbekiya	71	+4	8.9	-1.3
Giza	83	+13	8.7	—
Helwan	72	+16	8.1	-0.8

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Malakal River Gauge Reading for 2-1-31 is 11.51 M.

قراءة النهر بمقياس الملكال يوم ٢/١/٣١ هي ١١.٥١ مترا

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
21-1	877	1371
20-1	893	1334

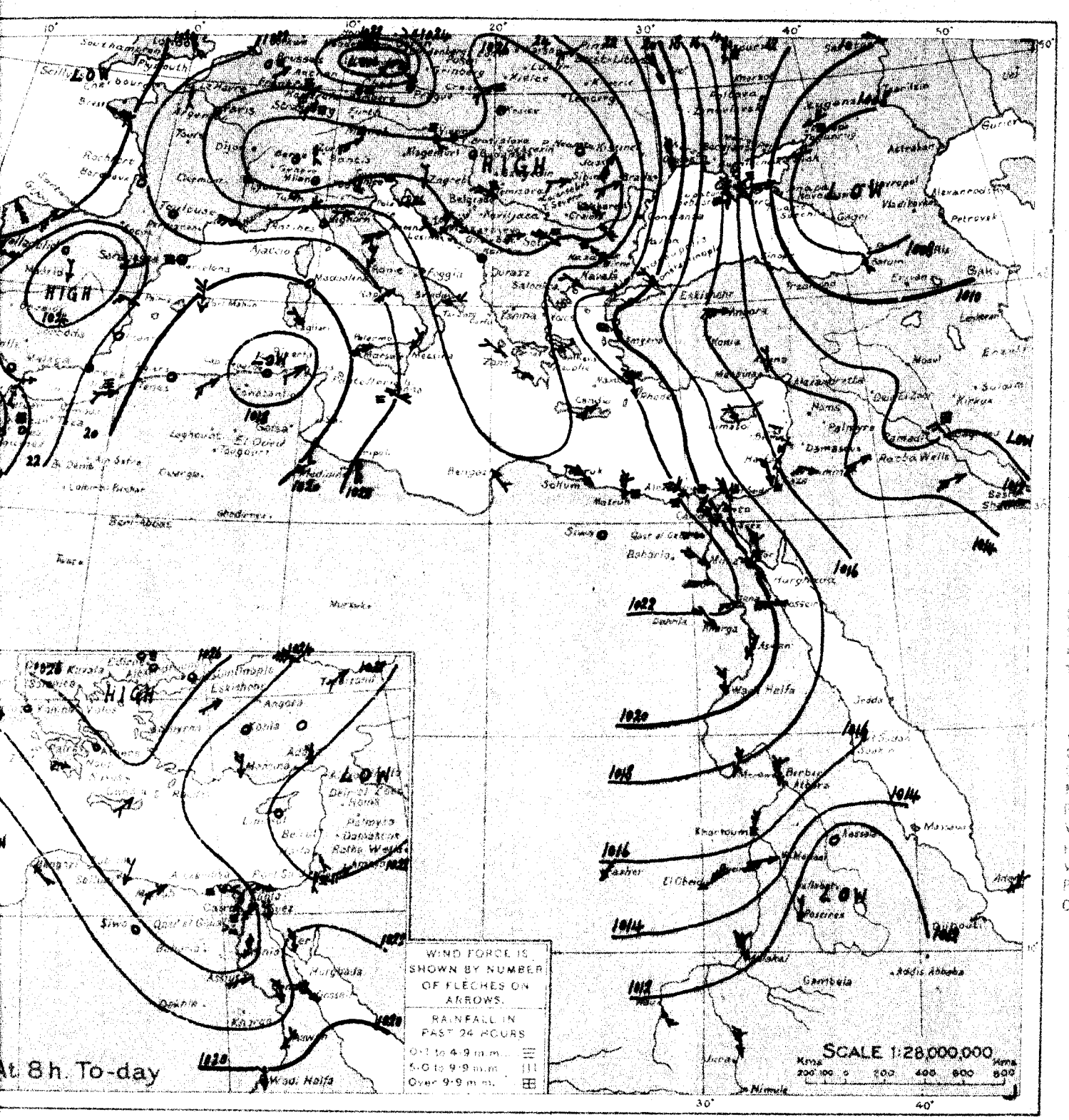
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	21-1	13.34	-0.01	13.32	-0.03
Nasser	20-1	5.52	-0.58	5.57	-0.58
Malakal	21-1	11.18	-0.84	11.19	-0.86
Roseires	22-1	11.88	-0.11	11.91	-0.09
Sennar Res.	21-1	20.70	—	20.70	—
Makwar	21-1	4.70	-1.03	4.74	-1.04
Khartoum	22-1	10.33	-0.72	10.34	-0.73
Kh. el Girba					
Atbara	22-1	10.07	-0.53	10.09	-0.53
Wadi Halfa	21-1	1.76	-0.74	1.73	-0.73
Aswan Res.	21-1	113.89	—	113.91	—
" D.S.	21-1	85.19	-0.44	85.21	-0.41
El Leithi	21-1	17.70	-0.46	17.82	-0.56
Roda (Cairo)	21-1	14.41	-0.35	14.41	-0.35

PRINTED AT THE SURVEY OF EGYPT 1929 (30/589/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١-٣١ Barometer and Wind at 8 h. Yesterday 21.1.31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sandstorm	6
Sandstorm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١-٣١ From Observations taken at 8 h. yesterday. 21.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1022.8	+2.5	+5.8	NE	2	4	8	0	—	12	—	7	—	70	—	—	—	375	—
	MALTA	1021.6	-0.4	+4.2	ESE	2	4	13	+2	—	13	-2	11	+1	70	—	drops	241	283	2
	ATHENS	1023.2	+6.2	+4.6	NE	1	0	7	-3	—	—	—	—	—	60	—	—	—	211	—
	CANDIA	1023.1	+5.9	+5.7	SW	2	0	11	+1	—	15	0	6	-3	—	—	0	312	275	2
	LIMASSOL	1016.0	+10.0	-1.4	NW	1	0	8	-1		13	-4	1	-5	—	—	0	304	268	1
EGYPT and SUDAN	Atbara	1017.0	+1.0	+2.2	N	5	0	17.0	-0.8	-2.0	27	-3	13	-1	38	+6	0	0	1	—
	Wad Medani	1014.3	+0.4	+0.9	W	4	0	15.5	-3.0	-4.8	32	-2	12	-3	36	+1	0	8	13	—
	Rosaires	1011.8	+0.2	0.0	NNE	1	0	18.5	-3.0	-3.3	36	0	15	-1	33	-9	0	33	37	—
	Malakal	1012.8	+1.3	+1.3	N	5	0	21.2	-3.5	-2.9	36	0	17	-1	9	-16	0	103	93	—
	Wau	1011.9	+0.3	+1.0	SE	2	1	23.0	-1.0	-2.7	38	+2	18	0	70	+24	0	101	147	—
	Juba	—	—	—	N	5	0	26.0	-3.0	—	39	—	—	—	19	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 50 m

" " sunset 17 h 24 m

From Observations taken at 8 h. to-day.

Friday 23rd January, 1931 — ١٩٣١ الجمعة ٢٣ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1023·1	-2·1	+4·5	ENE	1	1	13·1	+2·7	+1·7	—	—	8	—	67	-6	0	51	52	2
	MATRUH	1023·2	-2·2	+4·7	NNE	3	4	14·0	+4·0	+3·1	17	-1	9	+1	69	-10	0	163	101	3
	ALEXANDRIA	1023·9	-1·1	+5·1	ESE	1	4	12·3	-0·1	-0·5	19	0	11	+1	66	-7	0	86	137	2
	PORT SAID	1023·4	-0·4	+6·2	WSW	2	1	11·2	-1·8	-1·7	18	-1	9	-2	83	+6	0	52	46	1
	GAZA	—	—	—	—	0	0	9·2	-1·4	-2·1	17	-1	8	0	79	+3	0	137	240	—
	HAIFA	1022·4	+0·8	+6·4	—	0	0	12·5	-0·5	-0·2	18	0	9	+1	69	+2	0	337	457	3
LOWER EGYPT	TANTA	1023·5	-1·3	—	NW	1	0	10·3	+1·3	—	19	—	9	—	81	—	0	28	—	—
	EZBEKIYA	1023·0	-1·8	+3·8	N	2	0	7·0	-0·7	-2·4	20	+1	5	-2	74	-4	0	10	17	—
	GIZA	1023·2	-1·9	+3·4	N	2	0	6·1	-1·2	—	18	-1	4	-2	87	—	0	12	15	—
	HELWAN	1022·4	-2·0	+3·1	E	4	0	11·5	+3·3	+1·7	17	-2	10	+2	53	-15	0	12	16	—
	SIWA	1021·8	-2·0	+2·2	—	0	0	6·7	-1·3	-1·6	—	—	6	+2	78	+8	0	35	4	—
RED SEA	SUEZ	1022·6	-0·6	+4·2	N	2	0	11·0	+1·0	-1·2	17	-2	8	-2	54	-21	0	10	16	2
	TOR	1021·1	-0·3	+3·1	N	2	0	10·0	-1·5	-2·4	19	-2	6	-3	76	+17	0	7	10	2
	HURGHADA	1021·5	0·0	—	NNW	5	0	13·8	+0·7	—	20	—	10	—	49	—	0	0		3
	COSSEIR	1020·3	-0·5	—	NW	4	0	17·0	+2·1	—	20	—	14	—	55	—	0	15	—	4
UPPER EGYPT	SEBAIL	1022·3	-2·8	+3·0	N	1	0	8·0	+0·5	-0·8	18	-1	5	0	83	+6	0	8		—
	MINIA	1022·6	-1·7	—	NNE	3	1	8·5	+2·5	-1·2	19	—	5	—	77	-2				
	ASSIUT	1022·2	-1·7	+2·0	W	3	2	8·4	+2·0	-1·0	20	0	6	0	70	0	0	4		
	QENA	1021·8	-0·4	—	NE	3	0	10·3	+1·0	-0·3	22	-1	7	0	53	-13				
	ASWAN	1021·2	-1·9	—	—	0	0	9·8	-2·2	—	19	—	4	—	57		0	0		
	SHEIKH	1020·3	-1·1	+1·4	NNE	1	3	12·1	+1·9	-0·4	22	-2	10	+1	64	+11	—			
SUDAN	WADI HALFA	1018·6	-1·2	-0·4	—	0	0	11·6	+2·4	+0·5	22	-2	9	+1	55	+4	—			
	SENNAR	1016·0	-1·1	-0·7	NE	2	0	17·6	+2·0	+0·7	30	-1	11	-1	41	+6	0	0	1	
	KOSEIR	1016·0	-0·3	+1·2	NE	2	0	17·0	-1·0	-2·0	29	-1	13	-1	52	+20	0	0	1	
	KHARTOUM	1014·4	-1·2	+0·4	NNE	1	1	18·1	+3·1	+0·1	29	-1	14	-1	38	+5	0	1	5	
	[illegible]	1016·2	+0·2	+0·6	NW	4	4	23·1	+1·6	+0·1	27	0	18	-1	54	-11	0	29	98	4
	[illegible]	1011·0	+0·4	-1·5	—	0	0	24·5	+3·0	+2·4	37	+3	10	-6	15	-47	0	0	11	—
	[illegible]	1010·3	-0·3	-1·4	NNE	1	0	21·0	+2·0	-0·8	35	-1	15	-1	41	0	0	33	37	
	[illegible]	1017·5	+1·3		NNE	1	0	10·0	-2·5	-4·8	29	-2	4	-6	33	+1	0	1	8	
	[illegible]	1012·2	-3·7	-3·6	NE	3	4	19·0	+3·9	+1·5	28	-2	7	-4	61	+28	0	17	19	
	[illegible]	1011·6	-1·1	+0·2	N	4	0	24·2	+2·8	+0·1	34	-2	16	-2	19	-5	0	103	93	
	[illegible]	1012·2	-0·6	+1·4	SE	2	1	21·0	+1·0	-5·0	35	-1	16	-2	41	-4	0	101	147	
	[illegible]	—	—		NW	6	0	22·5	-1·0	—	36		—		30		0	75	142	

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General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	53	-13	10·2	-0·5
Ezbekiya	69	+2	9·0	-1·2
Giza	77	+7	9·4	—
Helwan	60	+4	8·1	-0·9

NOTE. A dash means that figures are not available

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" " Abroad PT.150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
22-1	854	1404
21-1	877	1371

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	23-1	13·32	-0·02	13·32	-0·03
Nasser	21-1	5·43	-0·62	5·52	-0·58
Malakal	23-1	10·17	-0·79	10·17	-0·83
Roseires	23-1	11·66	-0·12	11·68	-0·11
Sennar Res.	21-1	20·70	—	20·70	—
Makwar	21-1	4·70	-1·03	4·70	-1·04
Khartoum	23-1	10·35	-0·67	10·33	-0·72
Kh. el Girba					
Atbara	22-1	10·07	-0·53	10·09	-0·53
Wadi Halfa	23-1	1·74	-0·71	1·75	-0·72
Aswan Res.	22-1	113·89	—	113·89	—
" D.S.	22-1	85·66	-0·48	85·69	-0·44
El Leithi	22-1	17·69	-0·44	17·70	-0·46
Roda (Cairo)	22-1	14·45	-0·30	14·41	-0·35

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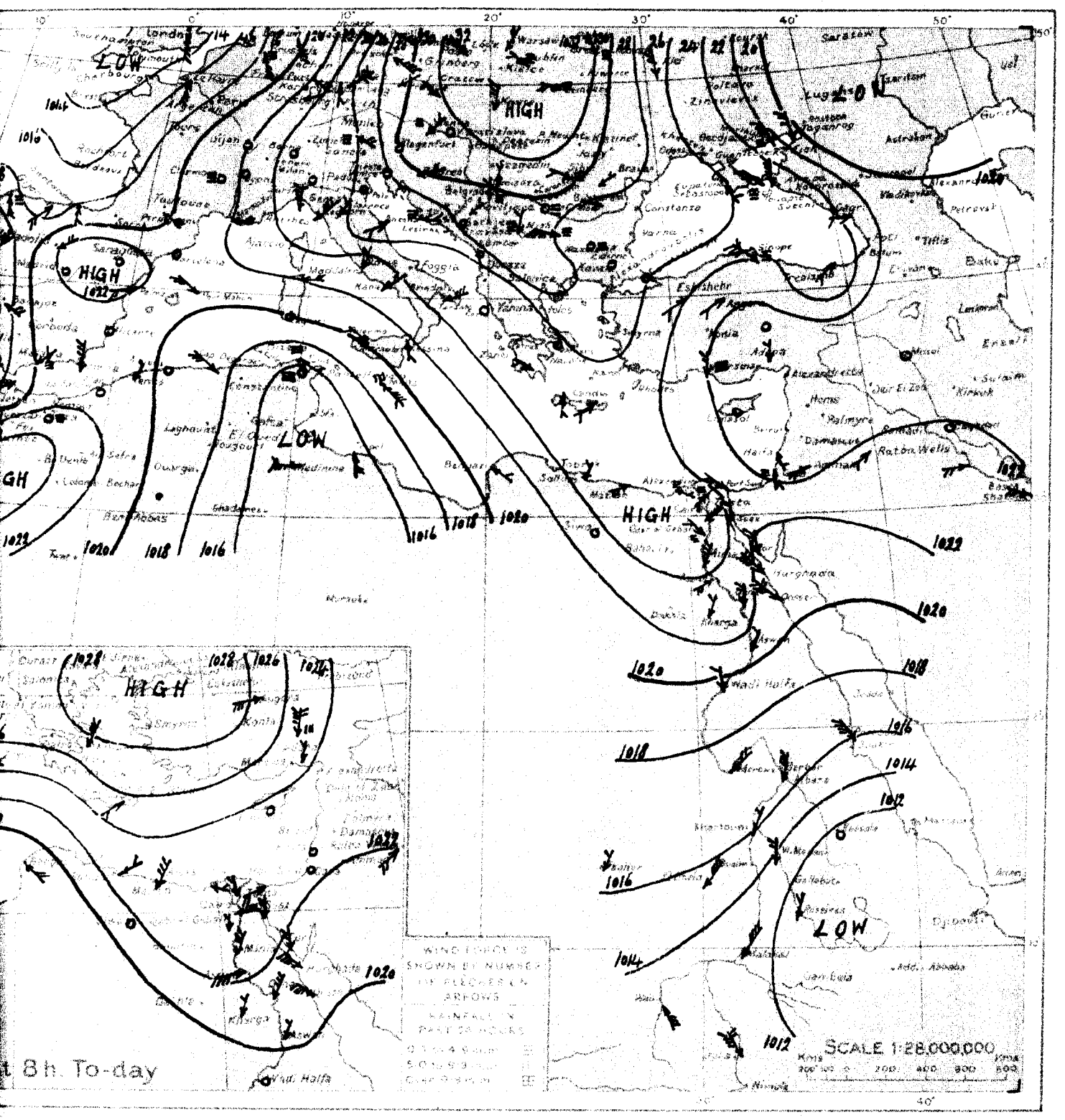
PHYSICAL DEPARTMENT.

REPORT.

٢١-١-٢٢ Barometer and Wind at 8 h. Yesterday 22.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١-٢٢ From Observations taken at 8 h. yesterday 22.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1023.5	+0.7	+6.5	NE	2	1	9	+1	—	13	—	8	—	70	—	—	—	378	—
	MALTA	1018.5	-3.1	+1.3	SE	5	5	13	0	—	15	0	12	+2	80	—	7	248	286	2
	ATHENS	1025.5	+2.3	+7.1	—	0	3	8	+1	—	—	—	6	0	60	—	—	—	213	—
	CANDIA	1025.1	+2.0	+7.7	SW	1	1	10	-1	—	20	+5	7	-2	—	—	0	312	278	2
	LIMASSOL	1021.9	+5.9	+4.5	—	0	0	9	+1		13	-4	1	-5	—	—	0	304	271	1
EGYPT and SUDAN	Hurghada	1021.5	+1.7	—	NW	6	1	13.1	-0.1	—	18	—	9	—	67	—	0	0	—	4
	Kharga	1023.1	+1.3	—	NNE	1	0	12.0	+0.9	—	20	—	7	—	63	—	0	0	—	—
	Atbara	1016.3	-0.7	+1.5	N	3	0	18.0	+1.0	-1.0	28	-2	13	-1	40	+8	0	0	7	—
	Kassala	1010.6	+0.2	-1.9	—	0	0	21.5	+2.5	-0.6	32	-2	15	-1	25	-37	0	0	11	—
	Wad Medani	1012.7	-1.6	-0.7	N	2	0	18.0	+2.5	-2.3	31	-3	13	-2	40	+5	0	8	13	—
	Toseires	1010.6	-1.2	-1.2	NNE	1	0	19.0	+0.5	-2.8	32	-4	14	-2	30	-11	0	33	37	—
	El Obeid	1015.9	+0.3	+0.1	NE	4	0	15.1	-0.2	-2.4	26	-4	7	-4	64	+31	0	17	19	—
	Wau	1012.8	+0.9	+1.9	SE	3	1	20.0	-3.0	-5.9	40	+4	16	-2	81	+36	0	101	147	—
	Tuba	—	—	—	NW	6	0	23.5	-2.5	—	37	—	—	—	23	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 49 m

" " sunset 17 h 25 m

From Observations taken at 8 h. to-day.

Saturday 24th January, 1931 ١٩٣١ السبت ٢٤ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1022.8	-0.3	+4.2	NNE	1	1	12.4	-0.7	+1.0	[illegible]	—	10	—	73	0	0	51	53	1
	MATRUH	1021.9	-1.3	+3.5	SE	2	2	10.8	-3.2	-0.1	18	0	9	+1	79	0	0	163	103	2
	ALEXANDRIA	1021.5	-2.4	+2.7	—	0	2	14.4	+2.1	+1.6	21	+2	11	+1	69	-4	0	86	138	0
	PORT SAID	1019.9	-3.5	+2.8	NE	3	0	15.2	+4.0	+2.3	19	0	11	0	60	-17	0	52	47	3
	GAZA	—	—	—	—	0	0	7.1	-2.1	-4.2	16	-2	6	-2	87	+11	0	137	243	—
	HAIFA	1018.8	-3.6	+2.8	—	0	0	11.3	-1.2	-1.4	18	0	9	+1	72	+5	0	337	463	3
LOWER EGYPT	TANTA	1020.8	-2.7	—	W	1	0	8.5	-1.8	—	20	—	6	—	87	—	0	28	—	—
	CAIRO: EZBEKIYA	1021.0	-2.0	+1.8	NNW	1	8	6.6	-0.4	-2.9	21	+2	5	-2	94	+16	0	10	17	—
	CAIRO: GIZA	1020.7	-2.5	+1.0	N	2	8	7.1	+1.0	—	20	+1	4	-2	100	—	0	12	15	—
	CAIRO: HELWAN	1020.0	-2.4	+0.7	N	2	0	8.0	-3.5	-1.8	21	+2	6	-2	82	+14	0	12	16	—
	SIWA	1020.6	-1.2	+1.0	—	0	0	5.8	-0.9	-2.5	—	—	3	-1	76	+7	0	35	4	—
RED SEA	SUEZ	1018.7	-3.9	+0.3	N	3	0	11.5	+0.5	-0.7	19	0	9	-1	64	-10	0	10	16	2
	TOR	1017.2	-3.9	-0.8	N	1	0	11.4	+1.4	-1.0	20	-1	7	-2	72	+13	0	7	10	1
	HURGHADA	1017.2	-4.3	—	NNW	5	0	14.0	+0.2	—	21	—	8	—	55	—	0	0	—	3
	QOSSEIR	1016.8	-3.5	—	WNW	2	0	18.2	+1.2	—	22	—	13	—	51	—	0	15	—	2
UPPER EGYPT	GEBELI	1020.7	-1.6	+1.4	N	1	0	8.8	+0.8	-0.1	22	+3	5	0	87	+10	0	8		
	MINYA	1020.2	-2.4	—	NW	2	0	6.5	-2.0	-3.2	21	+1	3	-3	78	-1				
	ASYUT	1021.0	-1.2	+0.8	W	2	0	8.5	+0.1	-1.0	22	+2	6	0	61	-9	0	0		
	LUXOR	1018.6	-3.2	—	NW	3	0	10.9	+0.6	+0.3	25	+2	8	+1	64	-2	—			
	KHARGA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	ASWAN	1017.8	-2.5	-1.1	—	0	0	14.0	+1.9	+1.5	26	+2	11	+2	52	-1	—	—	—	—
	WADI HALFA	1016.8	-1.8	-2.1	NNE	1	0	12.6	+1.0	+1.4	25	+1	11	+3	57	+7	—	—	—	—
	KERMA	1014.6	-1.4	-2.0	NE	3	0	20.6	+3.0	+3.7	31	+1	16	+4	38	+3	0	0	1	—
	WADI HALFA	1012.2	-2.2	-1.8	NNE	1	3	20.4	+2.3	+2.4	29	-1	18	+3	42	+10	0	1	5	—
SUDAN	KHARTOUM	1014.7	-1.5	-0.9	N	3	2	24.5	+1.4	+1.5	27	0	22	+3	67	+2	0	29	97	3
	KOSTI	1008.8	-1.5	-2.9	NNE	1	0	21.5	+0.5	-0.3	36	0	16	0	39	-2	0	33	37	—
	FASHODA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	MALAKAL	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	WAU	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	JUBA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Upper Air Temperature at Helwan at 8 30

Height in metres	Temp. °C	Direction
500	35	NE
1000	35	N
1500	25	WNW
2000	35	WNW
3000	65	W

General Situation

The high pressure system extending from the Balkans towards Egypt is maintained. The pressure over the Northern Red Sea is relatively low.

الضغط العالى الممتد من البلقان لمصر حافظا مكانه - والضغط على شمال البحر الأحمر منخفض انخفاضا نسبيا

Forecast for 24 hours from noon to-day.

Moderate north to northeast winds. Clear or occasional high cloud. Rather cool.

الهواء رياح شمالية معتدلة - السماء صحو أو غائم بالجلد أحيانا - والطقس بارد نوعا

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Rel. Hor. Temperature Mean of Day: Yester day	Rel. Hor. Temperature: Diff. from normal
	%	%	°C	°C
Alexandria	66	0	11.2	+0.5
Ezbekiya	63	-4	9.3	-0.9
Giza	69	-1	9.0	—
Helwan	44	-12	9.1	+0.1

NOTE A dash means that figures are not available

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" " Abroad P.T.150

Remarks

Khartoum River Gauge Readings for October 1, 15, 20 & 30, 1930 published on 2, 16, 21, 22-10-30 & 1-11-30 should read 14.41, 13.03, 12.65 & 12.25 instead of 14.38, 12.99, 12.61 & 12.20 M. respectively.

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
23-1	847	1404
22-1	854	1404

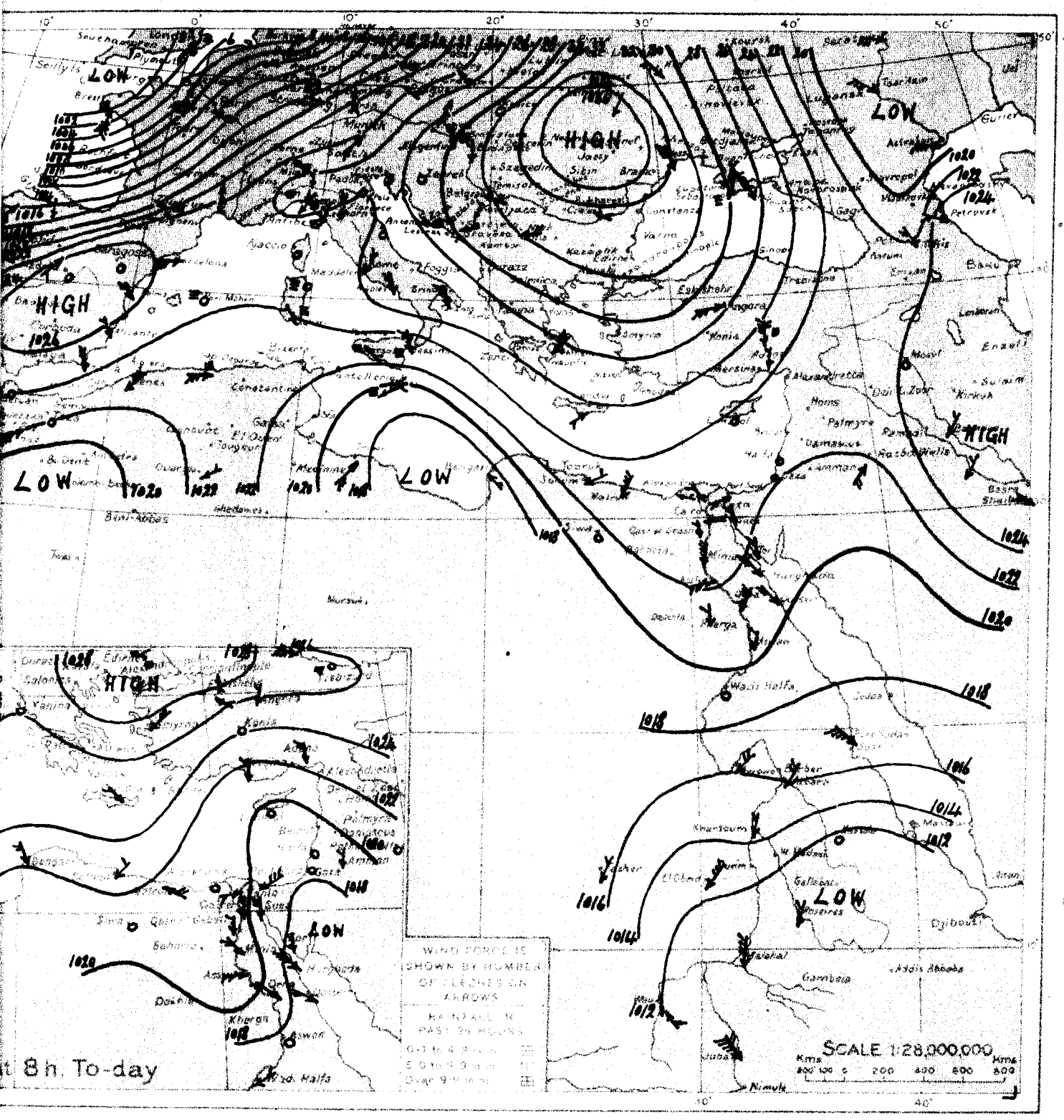
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	23-1	13.32	-0.02	13.32	-0.03
Nasser	21-1	5.43	-0.62	5.52	-0.58
Malakal	23-1	10.17	-0.79	10.17	-0.83
Roseires	24-1	11.84	-0.12	11.86	-0.12
Sennar Res.	21-1	20.70	—	20.70	—
Makwar	21-1	4.70	-1.03	4.70	-1.04
Khartoum	24-1	10.35	-0.64	10.35	-0.67
Kh. el Girba					
Atbara	22-1	10.07	-0.53	10.09	-0.53
Wadi Halfa	24-1	1.73	-0.70	1.74	-0.71
Aswan Res.	23-1	113.90	—	113.89	—
" D.S.	23-1	85.63	-0.52	85.66	-0.48
El Leithi	22-1	17.69	-0.44	17.70	-0.46
Roda (Cairo)	22-1	14.46	-0.30	14.41	-0.35

PRINTED AT THE SURVEY OF EGYPT 1930(20/669/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-١-٢٤ Barometer and Wind at 8 h. Yesterday 23.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١-٢٤ From Observations taken at 8 h. yesterday 23.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1026.2	+2.7	+9.4	NE	2	4	7	-2	—	15	—	6	—	80	—	—	—	380	—
	MALTA	1018.1	-0.4	+0.9	ENE	5	5	13	0	—	13	-2	11	+1	80	—	22	270	288	3
	ATHENS	1027.8	+2.3	+9.4	NE	3	4	9	+1	—	—	—	—	—	70	—	—	—	215	—
	CANDIA	1025.9	+0.8	+8.5	SW	1	4	12	+2	—	20	+5	9	0	—	—	0	312	280	2
	LIMASSOL	1023.5	+1.6	+6.3	—	0	0	7	-2		14	-3	2	-5	—	—	0	304	274	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W(

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 49

" " sunset 17 26

From Observations taken at 8 h. to-day.

Sunday 25th January, 1931 ١٩٣١ الأحد ٢٥ يناير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff. from normal (Maximum)	Temperature: Minimum	Temperature: Diff. from normal (Minimum)	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Normal from Oct. 1	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1023.6	+0.8	+5.0	NE	1	0	12.1	-0.3	+0.7	[illegible]		10		78	+5	0	51	53	1
	MATRUH	1023.4	+1.5	+5.0	SW	2	1	10.8	0.0	-0.1	17	-1	9	+1	77	-2	0	163	104	2
	ALEXANDRIA	1023.1	+1.6	+4.3	SSW	1	3	12.0	-2.4	-0.8	19	0	11	+1	73	0	0	86	140	2
	PORT SAID	1021.9	+2.0	+4.8	W	1	4	13.0	-2.2	+0.1	19	0	12	+1	86	+9	0	52	47	1
	GAZA																			
	HAIFA	1019.4	+0.6	+3.5	—	0	0	14.7	+3.4	+1.9	19	+1	9	+1	66	-1	0	337	470	2
LOWER EGYPT	TANTA	1022.7	+1.9	—	NNW	1	4	9.4	+0.9		18		6		88		0	28		
	CAIRO (EZBEKIYA)	1022.7	+1.7	+3.6	N	1	3	8.0	+1.4	-1.5	20	+1	6	-1	86	+8	0	10	17	
	GIZA	1022.8	+2.1	+3.1	NNW	2	3	6.7	-0.4	—	19	0	3	-3	99	—	0	12	15	
	HELWAN	1022.6	+2.6	+3.3	ENE	1	0	8.0	0.0	-1.8	18	-1	7	-1	82	+14	0	12	17	
	SIWA	1023.1	+2.5	+3.6	—	0	0	7.0	+1.2	-1.3	—	—	4	0	81	+12	0	35	4	
RED SEA	SUEZ	1021.2	+2.5	+2.8	NE	2	0	12.0	+0.5	-0.3	18	-1	10	0	59	-15	0	10	17	2
	TOR	1018.2	+1.0	+0.3	NE	2	0	12.0	+0.6	-0.5	21	0	9	0	89	+30	0	7	10	2
	HURGHADA	1019.0	+1.8	—	NW	6	1	13.4	-0.6	—	23	—	10	—	63	—	0	0		4
	QOSSEIR	1018.0	+1.2	—	NW	7	0	18.0	-0.2	—	23	—	15	—	57	—	0	15		7
UPPER EGYPT	GERGA	—	—	—	N	1	0	9.0	+0.2	+0.1	19	0	5	0	87	+10	0	8		
	MINYA	1023.5	+3.3	—	NNW	2	0	7.2	+0.7	-2.5	19	-1	4	-2	83	+4				
	ASSIUT	1021.9	+0.9	+1.7	WNW	3	0	8.0	-0.5	-1.5	21	+1	5	-1	86	+16	0	0		
	QENA	1019.4	+0.8	—	WNW	2	0	9.6	-1.3	-1.0	27	+4	7	0	75	+9				
	KHARGA	1020.2	+1.8	—	NE	1	1	14.2	+2.4	—	25	—	10		61		0	0		
	ASWAN	1017.4	-0.4	-1.4	NE	2	0	13.0	-1.0	+0.5	28	+4	11	+1	49	-3				
SUDAN	WADI HALFA	1017.5	+0.7	-1.4	N	1	0	11.4	-1.2	+0.2	28	+4	10	+2	46	-4				
	MEROWE	1013.5	-1.1	-3.1	NE	2	1	19.1	-1.5	+2.3	33	+3	16	+4	25	-9	0	0	1	
	ATBARA																			
	KHARTOUM	1012.3	+0.1	-1.7	N	1	1	20.7	+0.3	+2.7	30	0	16	+1	46	+14	0	1	5	
	EL FASHER	1014.4	-0.3	-1.1	N	4	4	24.5	0.0	+1.6	28	+1	23	+4	75	+10	0	29	98	4
	KADUGLI																			
	WAD MEDANI																			
	SENNAR																			
EQUATORIAL PROVINCE	EL FASHER																			
	EL OBEID																			
	MALAKAL	1009.9	-0.8	-1.4	NNE	4	1	25.0	+0.5	+0.9	36	0	22	+4	28	+5	0	103	93	
	WAU	1011.2	-0.8	+0.5	S	2	1	24.0	+4.0	-2.0	36	0	19	+1	33	-12	0	101	147	
	JUBA																			

Upper Wind Observations as observed at 8 45

Height (metres)	Area of cloud	Direction
500	30	NE
1000	30	NE
1500	40	NE
2000	10	N
3000	40	NW

General Situation

The eastern Mediterranean, where the pressure is rapidly falling, is under the influence of a depression situated over central Europe. The high pressure over Egypt is maintained.

الحالة العامة

الضغط آخذ في الهبوط بسرعة فوق شرقي البحر الابيض الذي يوجد بالقرب تحت تأثير انخفاض فوق أواسط أوربا أما الارتفاع الذي فوق مصر فلا يزال مرابطا

Forecast for 24 hours from noon to-day.

Light winds, chiefly westerly on the coast and northeasterly inland.
Occasional high cloud.
Normal temperature.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم

رياح خفيفة أكثرها غربية على الساحل وشمالية شرقية في الداخل - يظهر بعض السحاب العالي أحيانا
درجة الحرارة حوالي المعدل

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	66	0	11.9	+1.2
Ezbekiya	77	+10	10.1	-0.1
Giza	85	+15	10.2	—
Helwan	66	+10	9.4	+0.4

NOTE A dash means that figures are not available

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" " Abroad PT. 150

Remarks

Khartoum River Gauge Readings for November 5-10 & 30, 1930 published on November 6-12 & 30 and December 1 & 2 should read 12.02, 12.00, 11.98, 11.97, 11.95, 11.93 & 11.25 instead of 11.87, 11.85, 11.82, 11.98, 11.97, 11.90 & 11.23 M. respectively.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
25-1	825	1380
24-1	832	1392

ملاحظة
صوابة قراءات النيل بخياس
الخرطوم يوم ٥ - ١٠ - ٣٠
المنشورة بتقارير
نوفمبر ٦ - ١٢ - ٣٠ و نوفمبر
١ و ٢ يجب أن تقرأ
١٢,٠٢ و ١٢,٠٠ و ١١,٩٨ و ١١,٩٧ و ١١,٩٥ و ١١,٩٣ و ١١,٢٥ بدلا من ١١,٨٧ و ١١,٨٥ و ١١,٨٢ و ١١,٩٨ و ١١,٩٧ و ١١,٩٠ و ١١,٢٣ م على الترتيب

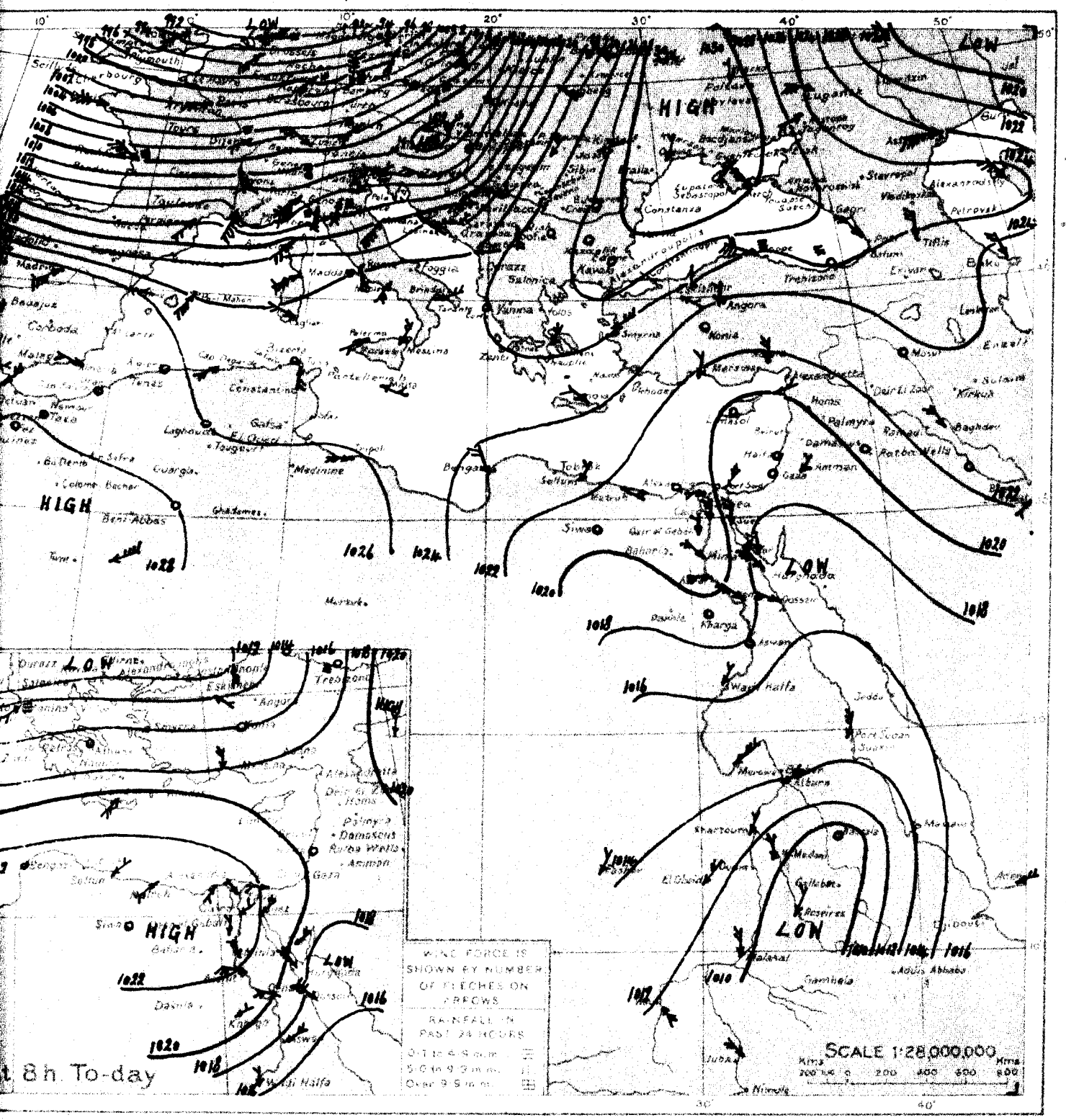
GAUGE	Date 1931	Reading	Diff from normal	Previous day: Reading	Previous day: Diff from normal
		m.	m.	m.	m.
Juba	24-1	13.30	-0.04	13.32	-0.02
Nasser	22-1	5.42	-0.60	5.43	-0.62
Malakal	24-1	10.16	-0.78	10.17	-0.79
Roseires	24-1	11.84	-0.12	11.86	-0.12
Sennar Res.	23-1	20.70	—	20.69	—
Makwar	23-1	4.59	-1.11	4.70	-1.01
Khartoum	24-1	10.35	-0.64	10.35	-0.67
Kh. el Girbi					
Atbara	24-1	10.03	-0.55	10.04	-0.55
Wadi Halfa	25-1	1.72	-0.70	1.73	-0.70
Aswan Res.	25-1	113.92	—	113.91	—
" D.S.	25-1	85.58	-0.59	85.60	-0.56
El Leithi	24-1	17.69	-0.39	17.69	-0.41
Roda (Cairo)	24-1	14.45	-0.32	14.45	-0.30

PRINTED AT THE SURVEY OF EGYPT 1928(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٤-١-٣١ Barometer and Wind at 8 h. Yesterday 24.1.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٤-١-٣١ From Observations taken at 8 h. yesterday 24.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1022.7	-3.5	+5.9	S	3	4	11	+4	—	15	—	7	—	80	—	drops	—	383	—
	MALTA	1024.9	+6.8	+7.8	ESE	1	0	13	0	—	14	-1	11	+1	70	—	0	270	291	—
	ATHENS	1026.2	-1.6	+7.8	NNE	2	0	5	-4	—	—	—	—	—	70	—	—	—	217	—
	CANDIA	1025.4	-0.5	+8.0	NW	1	1	12	0	—	15	0	8	-1	—	—	0	312	283	3
	LIMASSOL	1019.6	-3.9	+2.4	—	0	1	7	0		15	-2	2	-5	—	—	0	304	278	1
EGYPT and SUDAN	Kharga خارجة	1019.4	-1.8	—	—	0	1	11.8	+2.0	—	24	—	5	—	50	—	0	0	—	—
	Atbara عطبرة	1013.8	-2.2	-1.0	ENE	2	0	19.5	+2.5	+0.5	31	+1	16	+2	47	+16	0	0	1	—
	Kassala كسلا	1009.6	-1.4	-2.9	—	0	0	23.5	-1.0	+1.4	37	+3	13	-3	38	-23	0	0	11	—
	Wad Medani ودمدني	1011.4	-0.8	-1.9	N	2	0	19.5	-0.5	-0.8	32	-2	15	0	46	+11	0	8	13	—
	El Fasher الفاشر	1014.3	-3.2	—	NNE	1	1	10.5	+0.5	-4.3	37	+6	8	-2	74	+42	0	1	8	—
	El Obeid الابيض	1013.3	+1.1	-2.5	NE	2	4	16.3	-2.7	-1.2	30	0	12	+1	67	+35	0	17	19	—
	Malakal ملكال	1010.7	-0.9	-0.7	N	2	0	24.5	+0.3	+0.4	35	-1	18	0	27	+3	0	103	93	—
	Wau واو	1012.0	-0.2	+1.2	SE	2	1	20.0	-1.0	-6.0	34	-2	17	-1	59	+14	0	101	147	—
	Juba جوبا	—	—	—	NW	2	1	25.5	+3.0	—	38	—	—	—	35	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W(

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 49

" " sunset 17 27

From Observations taken at 8h. to-day.

Monday 26th January, 1931 ١٩٣١ الاثنين ٢٦ يناير

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to date	Rainfall Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.4	-4.2	+0.8	W	2	0	10.3	-1.8	-1.1	[illegible]	—	9	—	85	+12	0	51	54	3
	MATRUH	1019.4	-4.0	+1.0	WSW	3	0	10.6	-0.2	-0.3	19	+1	9	+1	68	-10	0	163	106	2
	ALEXANDRIA	1019.9	-3.2	+1.2	SSW	1	3	12.8	+0.8	0.0	20	+1	11	+1	81	+8	0	86	142	3
	PORT SAID	1020.0	-1.9	+2.9	SW	2	8	11.5	-1.5	-1.4	20	+1	10	-1	83	+6	0	52	48	1
	GAZA	—	—	—	S	1	0	8.6	-3.5	-2.7	16?	-2	6	-2	81	+5	0	137	249	—
	HAIFA	1017.8	-1.6	+1.9	SSE	1	0	13.9	-0.8	+1.1	19	+1	10	+2	62	-5	0	337	477	3
LOWER EGYPT	TANTA	1020.3	-2.4	—	S	1	2	10.5	+1.1	—	19	—	7	—	81	—	0	28	—	—
	EZBEKIYA	1020.2	-2.5	+1.1	SSW	1	0	9.0	+1.0	-0.6	18	-1	6	-1	81	+3	0	10	18	—
	GIZA	1020.6	-2.2	+0.9	—	0	0	8.1	+1.4	—	18	-1	4	-2	92	—	0	12	15	—
	HELWAN	1020.4	-2.2	+1.2	—	0	0	10.0	+2.0	+0.2	17	-2	8	0	72	+14	0	12	17	—
	SIWA	1020.4	-2.7	+0.9	—	0	0	7.2	+0.2	-1.1	—	—	5	+1	82	+13	0	35	4	—
RED SEA	SUEZ	1019.6	-1.6	+1.2	N	1	0	10.4	-1.6	-1.9	18	-2	8	-2	70	-4	0	10	17	0
	TOR	1018.6	+0.4	+0.7	NE	1	0	11.2	-0.8	-1.3	20	-1	6	-3	79	+20	0	7	10	1
	HURGHADA	1019.1	+0.1	—	WNW	4	0	13.0	-0.4	—	20	—	8	—	55		0	0		2
	COSSEIR	1018.7	+0.7	—	NW	4	0	17.4	-0.6	—	21	—	14	—	44		0	15		4
UPPER EGYPT	GEBALI	1020.8	—	+1.6	NW	1	0	7.8	-1.2	-1.1	19	0	4	-1	75	-1	0	8		
	MINYA	1020.8	-2.7	—	NW	2	0	7.5	+0.3	-2.2	18	-2	4	-2	86	+7				
	ASSIUT	1021.5	-0.4	+1.3	W	3	0	7.1	-0.9	-2.5	20	0	4	-2	83	+14	0	0		
	QENA	1020.3	+0.9	—	WNW	3	0	8.7	-0.9	-2.0	24	+1	5	-2	80	+14				
	KHARGA	1020.0	-0.2	—	—	0	0	11.7	-2.5	—	22	—	5	—	68		0	0		
	ASWAN	1019.5	+2.1	+0.7	N	1	1	11.3	-1.7	-1.2	24	0	8	-2	40	-12	—	—		
	WADI HALFA	1018.3	+0.8	-0.6	NNE	1	0	10.4	-1.0	-0.8	25	0	8	0	48	-2	—	—		
	WADI HALFA	1015.4	+1.9	-1.2	NE	2	0	17.1	-2.0	+0.3	33	+3	13	+1	26	-8	0	0	1	
	SUDAN	1012.6	+0.3	-1.4	NNE	2	0	20.3	-0.4	+2.4	33	+3	17	+2	27	-4	0	1	5	
	SUDAN	1015.9	+1.5	+0.4	N	6	4	23.1	-1.4	+0.2	28	+1	21	+2	63	-2	0	29	98	6
	[illegible]	1007.5	-0.3	-4.2	NNE	1	0	26.0	+2.5	+4.2	35	-1	18	+2	42	+2	0	33	37	
	[illegible]	1012.6	+0.2	-3.1	NE	4	0	19.8	-2.3	+2.3	32	+2	13	+2	57	+25	0	17	19	

General Situation

8 45 The depression is now situated over Greece. The high pressure system over Egypt is weakening.

يقع الانخفاض الآن على اليونان ومنطقة الضغط المرتفع على مصر آخذة في التناقص

800	15	N
1000	20	N
1500	20	N
2000	5	WNW
3000	40	NW

Forecast for 24 hours from noon to-day.

Light westerly winds, freshening on the coast tomorrow. Occasional medium cloud. Temperature slightly above normal.

رياح خفيفة غربية تنشط قليلا على الساحل غدا يظهر بعض السحاب المتوسط أحيانا ودرجة الحرارة تقرب من المعدل قليلا

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Over Sea Temperature Mean of Day Yesterday	Over Sea Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	65	-1	11.4	+0.6
Ezbekiya	75	+8	9.5	-0.7
Giza	83	+13	9.1	—
Helwan	66	+10	8.7	-0.3

NOTE A dash means that figures are not available

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" " Abroad PT 150

Remarks

Khartoum River Gauge Reading for 6-12-30 published on 7-12-30 should read 11.26 instead of 11.20 M.

صحة قراءة النهر بمقياس الخرطوم عن يوم ٦-١٢-٣٠ المنشورة بتقرير يوم ٧-١٢-٣٠ ١١٫٢٦ بدلا من ١١٫٢٠ متر

Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
25-1	825	1380
24-1	832	1392

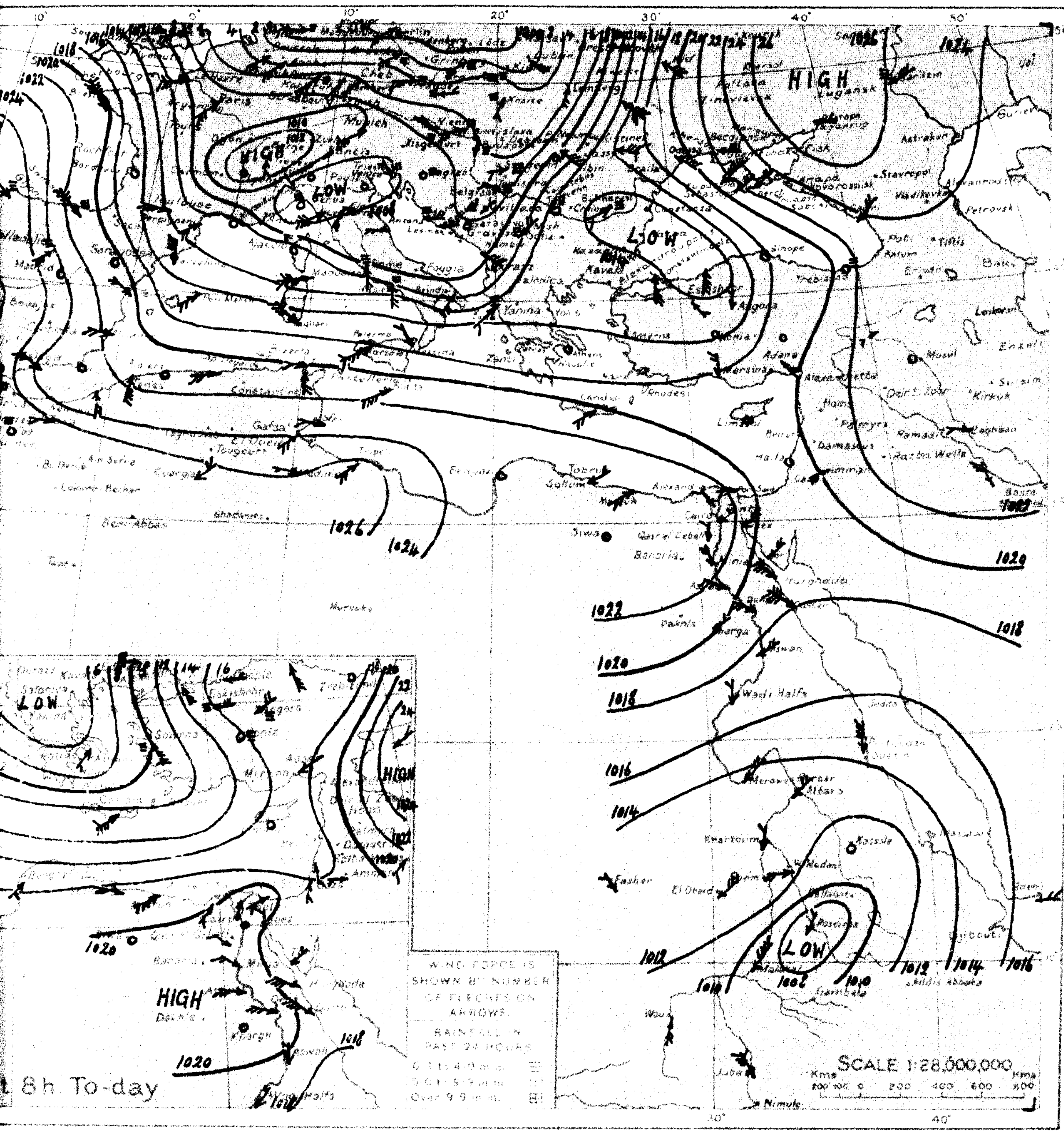
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	25-1	13.30	-0.04	13.30	-0.04
Nasser	24-1	5.36	-0.59	5.40	-0.59
Malakal	25-1	10.15	-0.76	10.16	-0.78
Roseires	26-1	11.81	-0.13	11.82	-0.13
Sennar Res.	25-1	20.70	—	20.71	—
Makwar	25-1	4.68	-0.99	4.61	-1.07
Khartoum	25-1	10.34	-0.63	10.35	-0.64
Kh. el Girba					
Atbara	24-1	10.03	-0.55	10.04	-0.55
Wadi Halfa	25-1	1.72	-0.70	1.73	-0.70
Aswan Res.	25-1	113.92	—	113.91	—
" D.S.	25-1	85.58	-0.59	85.60	-0.56
El Lettin	26-1	17.51	-0.53	17.62	-0.44
Roda (Cairo)	25-1	14.45	-0.32	14.45	-0.32

PRINTED AT THE SURVEY OF EGYPT 1929(29/569/1) 1930. 30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٣١-١-٢٦ Barometer and Wind at 8 h. Yesterday 25.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١-١-٢٦ From Observations taken at 8 h. yesterday 25.1.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.9	-10.8	-4.9	S	1	4	13	+2	—	14	—	11	—	80	—	trace	—	385	—
	MALTA	1021.1	-3.8	+4.0	WSW	4	2	13	0	—	18	+3	10	0	80	—	0	270	293	2
	ATHENS	1017.4	-8.8	-1.0	—	0	3	9	+4	—	—	—	—	—	80	—	—	—	219	—
	CANDIA	1020.7	-4.7	+3.5	SW	2	3	10	-2	—	18	+3	7	-2	—	—	0	312	286	3
	LIMASSOL	1018.6	-1.0	+1.4	—	0	3	13	+6		14	-3	3	-4	—	—	0	304	281	2
EGYPT and SUDAN	Atbara عطبرة	1012.2	-1.6	-2.5	NE	2	1	23.0	+3.5	+4.0	32	+1	17	+3	48	+17	0	0	1	–
	Kassala كسلا	1010.2	+0.6	-2.2	—	0	0	22.5	-1.0	+0.4	36	+2	11	-5	74	+13	0	0	11	–
	Wad Medani ود مدني	1012.4	+1.0	-0.9	W	2	0	20.5	+1.0	+0.2	35	+1	16	+1	45	+10	0	8	13	–
	Roseires الروصيرص	1007.8	-1.0	-3.9	NNE	1	0	23.5	+2.0	+1.7	36	0	19	+3	42	+1	0	33	37	–
	El Fasher الفاشر	1013.0	-1.3	—	NNW	1	0	14.0	+3.5	-0.8	34	+3	8	-2	42	+10	0	1	8	–
	El Obeid الأبيض	1012.4	-0.9	-3.3	NE	3	2	22.1	+5.8	+4.6	32	+2	14	+3	66	+34	0	17	19	–
	Juba جوبا	—	—	—	NW	5	0	27.0	+1.5	—	38	—	—	—	34	—	0	75	142	–

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 48 m

.. .. sunset 17 h 28 m

From Observations taken at 8h. to-day.

Tuesday 27th January, 1931 — ١٩٣١ الثلاثاء ٢٧ يناير

STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff. from normal (mb)	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	SEA
MEDITERRANEAN: SOLLUM	1014.4	-5.0	-4.2	W	3	3	10.1	-0.2	-1.8	[illegible]	—	9	—	76	+3	0	51	55	5
MATRUH	1014.7	-4.7	-3.7	SW	4	1	10.8	+0.2	-0.1	19	+1	9	+1	60	-18	0	165	107	4
ALEXANDRIA	1016.0	-3.9	-2.7	SSW	1	1	10.8	-2.0	-2.0	20	+1	9	-2	65	-8	0	86	143	3
PORT SAID	1017.1	-2.9	0.0	SW	2	1	12.2	+0.7	-0.7	20	+1	10	-1	86	+9	0	52	49	1
GAZA	—	—	—	S	1	1	9.3	+0.7	-2.0	18	0	6	-2	80	+4	0	137	252	—
HAIFA	1016.4	-1.4	+0.6	SSE	1	3	11.5	-2.4	-1.3	21	+3	9	+1	69	+3	0	337	483	4
DELTA: TANTA	1017.9	-2.4	—	SSE	1	2	8.5	-2.0	—	22	—	7	—	73	—	0	28	—	—
ZAGAZIGEEYA	1017.8	-2.4	-1.3	SSE	2	3	10.1	+1.1	+0.5	21	+1	8	+1	73	-5	0	10	18	—
GIZA	1018.2	-2.4	-1.4	SE	1	3	9.0	+0.9	—	21	+2	5	-1	86	—	0	12	16	—
HELWAN	1018.2	-2.2	-1.0	ESE	2	3	10.4	+0.4	+0.6	19	0	9	+1	73	+6	0	12	17	—
[illegible]	1016.6	-3.8	-2.9	—	0	0	6.0	-1.2	-2.3	—	—	3	-1	81	+13	0	35	4	—
RED SEA: SUEZ	1016.6	-3.0	-1.7	N	1	3	10.6	+0.2	-1.7	19	-1	9	-1	70	-4	0	10	17	0
TOR	1017.2	-1.4	-0.7	NE	2	0	10.1	-1.1	-2.5	22	+1	6	-3	80	+21	0	7	10	2
HURGHADA	1017.2	-1.9	—	WNW	5	0	14.2	+1.2	—	21	—	7	—	94	—	0	0		3
QUSSEIR	1017.4	-1.3	—	W	3	0	17.0	-0.4	—	21	—	12	—	48	—	0	15		3
NILE: WADI HALFA	1018.8	-2.0	-0.4	SW	1	0	7.4	-0.4	-1.5	21	+2	5	0	73	-3	0	8	—	—
KORTI	1019.1	-1.7	—	ESE	2	0	6.5	-1.0	-3.3	19	-1	4	-2	90	+11			—	—
ABU HAMED	1019.8	-1.7	-0.3	W	2	0	9.0	+1.9	-0.6	21	+1	6	0	80				—	—
DONGOLA	1018.7	-1.6	—	NNW	2	0	8.0	-0.7	-2.7	23	0	5	-2	58	-8	—	—	—	—
KERMA	1018.8	-1.2	—	—	0	1	9.2	-2.5	—	22	—	4	—	68		0	0	—	—
SEMNA	1017.9	-1.6	-0.9	—	0	1	11.3	0.0	-1.3	24	0	9	-1	49	-3	—	—	—	—
WADI HALFA	1016.7	-1.6	-2.1	NNE	1	0	10.6	+0.2	-0.6	25	0	6	-2	35	-15	—	—	—	—
KORTI	1014.4	-1.0	-2.1	NE	3	0	18.6	+1.5	+1.8	33	+3	14	+2	17	-17	0	0	1	—
ABU HAMED	1013.4	+0.8	-0.5	NNE	2	0	19.5	-0.8	+1.6	33	+3	17	+2	41	+10	0	1	5	—
KHARTOUM	1014.7	-1.2	-0.8	NW	3	4	23.5	+0.4	+0.7	27	0	20	+1	57	-8	0	29	99	3
SOBAT	1009.6	+1.3	-2.8	—	0	0	23.5	-1.5	+1.4	34	0	16	0	56	-5	0	0	11	—
BLUE NILE: ROSEIRES	1008.7	+1.2	-3.0	NNE	1	0	27.5	+1.5	+5.7	37	+1	17	+1	35	-5	0	33	37	—
SENNAR	1004.3	-0.1	—	NNE	1	0	17.0	+2.0	+2.1	34	+3	8	-2	32	-9	0	1	8	—
WHITE NILE: KOSTI	1010.7	+0.7	-0.5	NNE	4	0	26.0	-1.0	+1.9	37	+1	20	+2	24	+1	0	103	93	—

TEMP. F. C. — PRESS. Mm. Mb.

Upper Air Observations — Khartoum at 8 h. 15 m.

Height (metres)	Speed (m/s)	Direction
500	15	SW
1000	25	SW
1500	20	W
2000	35	W
3000	40	W

General Situation

Throughout Egypt and the eastern Mediterranean the pressure is rapidly falling, and there is a steep gradient from Upper Egypt to Greece. The depression centred over Greece has deepened.

الحالة العامة

يهبط الضغط بسرعة فوق مصر وشرقي البحر الأبيض والخط شديد بين مصر العليا واليونان حيث ازداد الانخفاض عمقا

Forecast for 24 hours from noon to-day.

On the coast fresh southwest winds, strengthening. Inland moderate southerly winds, freshening.
Clear at first, Some low cloud later.
Rain in the north probable tomorrow.
Becoming cooler and unsettled.

التوقعات لمدة ٢٤ ساعة من الظهر حتى ظهر اليوم التالي

رياح جنوبية غربية قوية تزداد شدة على الساحل ورياح جنوبية معتدلة تشتد قليلا في الداخل. صحو في البدء ثم يظهر بعض السحب المنخفضة. يحتمل سقوط مطر في الشمال غدا. يصبح الطقس أبرد وغير مستقر

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff. from normal (°C)
Alexandria	70	+5	12.6	+1.8
Ezbekiya	72	+6	10.7	+0.5
Giza	81	+12	10.3	—
Helwan	61	+5	10.2	+1.2

NOTE. A dash means that figures are not available

Terms of Subscription. By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Khartoum River Gauge-reading for 2.1.31. published on 24.3.1.31 should read 10.74 m. instead of 10.67 m.

صحة قراءة النيل بمقياس الخرطوم يوم ٢/١/٣١ المذكورة بتقرير يوم ٢٤/١/٣١ هي ١٠,٧٤ متر بدلا من ١٠,٦٧ متر

Discharges at Aswan measured by authors, m.3 per sec. DATE	1931	1930
26.1	929	1382
25.1	825	1380

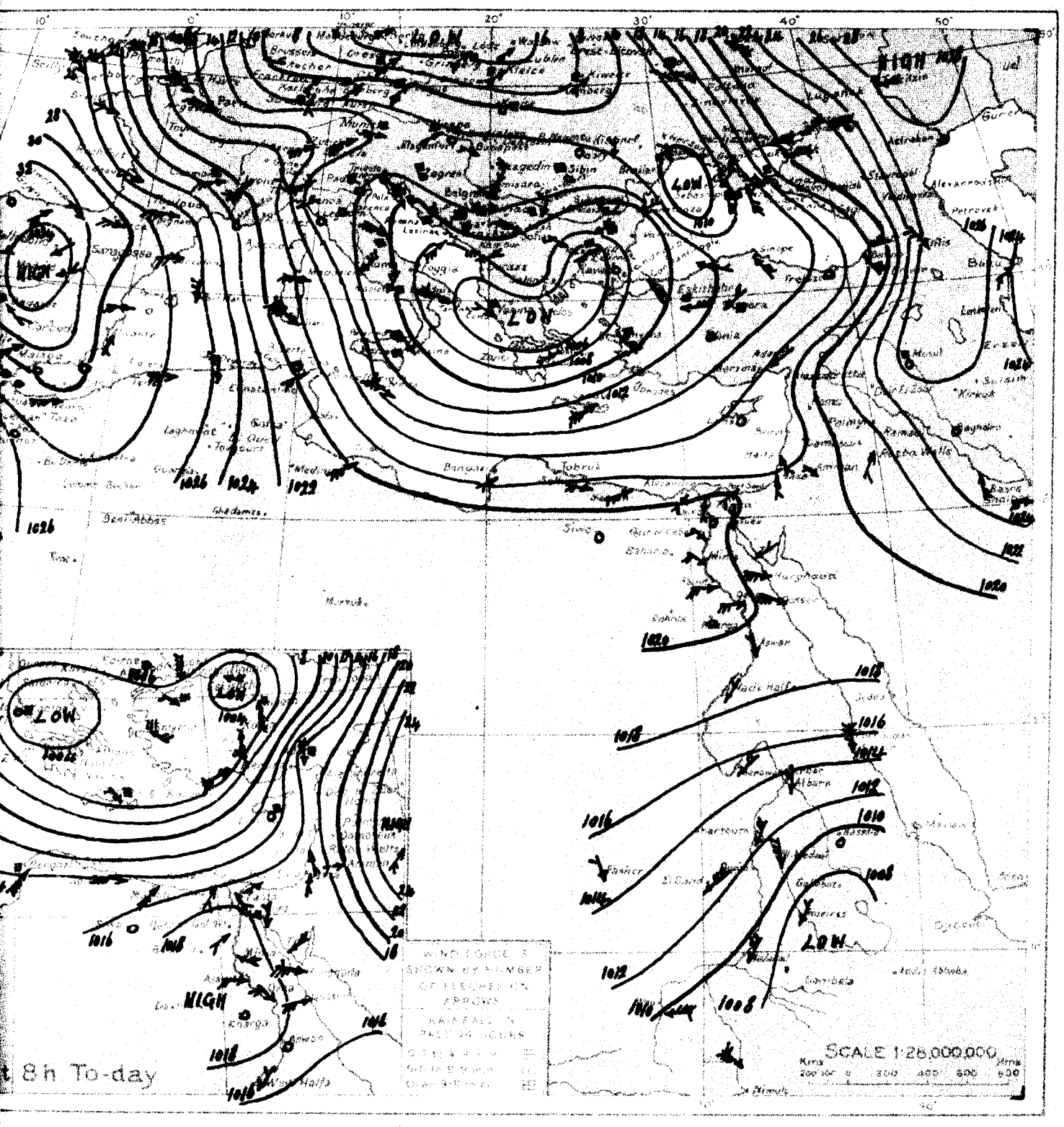
GAUGE	Data (1931)	Reading (m.)	Diff. from normal (m.)	Previous day: Reading (m.)	Previous day: Diff. from normal (m.)
Juba	26.1	13.31	-0.03	13.30	-0.04
Nasser	26.1	5.29	-0.59	5.35	-0.58
Malakal	26.1	10.14	-0.76	10.15	-0.76
Roseires	26.1	11.81	-0.13	11.82	-0.13
Sennar Res.	26.1	20.70	—	20.70	—
Makwar	26.1	4.58	-1.08	4.68	-0.99
Khartoum	26.1	10.31	-0.64	10.34	-0.63
Kh. el Girba					
Atbara	26.1	10.05	-0.51	10.04	-0.53
Wadi Halfa	27.1	1.65	-0.73	1.69	-0.71
Aswan Res.	26.1	113.70	—	113.72	—
" D.S.	26.1	85.72	-0.45	85.58	-0.57
El Leithi	27.1	17.47	-0.06	17.51	-0.53
Roda (Cairo)	26.1	16.41	-0.57	16.45	-0.53

PRINTED AT THE SURVEY OF EGYPT, 1929(30/929/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١-٣١ Barometer and Wind at 8 h. Yesterday 26.1.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١-٣١ From Observations taken at 8 h. yesterday 26.1.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.6	-0.3	-5.2	NE	3	0	8	-5	—	14	—	7	—	70	—	—	—	388	—
	MALTA	1013.3	-7.8	-3.7	NW	6	1	14	+1	—	17	+2	13	+3	70	—	0	270	295	3
	ATHENS	1006.2	-11.2	-12.1	SW	1	4	13	+4	—	—	—	—	—	70	—	—	—	220	—
	CANDIA	1012.3	-8.4	-4.9	SW	5	3	16	+6	—	19	+4	11	+2	—	—	0	312	289	5
	LIMASSOL	1016.3	-2.3	-0.8	—	0	0	14	+1		17	0	6	-1	—	—	0	304	284	1
EGYPT and SUDAN	Atbara عطبرة	1012.4	+0.2	-2.3	N	2	0	23.5	+0.5	+4.5	33	+2	16	+2	45	+14	0	0	1	—
	Kassala كسلا	1008.3	-1.9	-4.1	—	0	0	25.0	+2.5	+2.9	34	0	12	-4	54	-7	0	0	11	—
	Wad Medani ود مدني	1011.6	-0.8	-1.7	N	3	0	24.5	+4.0	+4.2	35	+1	18	+3	50	+15	0	8	13	—
	El Fasher الفاشر	1014.4	+1.4	—	NNW	1	0	15.0	+1.0	+0.2	33	+2	8	-2	25	-7	0	1	8	—
	Malakal ملكال	1010.0	+0.1	-1.3	NNE	3	0	27.0	+2.0	+2.9	37	+1	20	+2	26	+3	0	103	93	—
	Wau واو	1009.9	-1.3	-0.8	E	5	1	26.0	+2.0	0.0	35	-1	20	+2	27	-18	0	101	147	—
	Juba جوبا	—	—	—	NW	6	0	29.5	+2.5	—	40	—	—	—	27	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 48

" sunset 17 29

From Observations taken at 8h. to-day.

Wednesday 28th January, 1931 — ١٩٣١ — الأربعاء ٢٨ يناير

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	SKY	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1st to yesterday	Rainfall Normal from Oct. 1st to yesterday	SEA
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN: SOLLUM	1012.4	-2.3	-6.1	WSW	5	0	10.2	+0.1	-1.2	—	—	9	—	68	-5	0	51	56	6
MATRUH	1012.4	-2.3	-6.0	WSW	5	0	10.3	-0.5	-0.6	19	+1	9	+1	69	-9	0	163	109	4
ALEXANDRIA	1013.6	-2.4	-5.1	SW	6	2	13.0	+2.2	+0.2	19	0	10	-1	63	-10	0	86	145	5
PORT SA'ID	1014.6	-2.5	-2.4	SW	3	0	12.3	+0.1	-0.6	21	+2	11	0	69	-8	0	52	49	3
GAZA	—	—	—	S	1	0	11.4	+2.1	+0.1	20	+2	9	+1	70	-6	0	137	255	—
JAFFA	1012.0	-4.4	-3.8	—	0	0	13.5	+2.0	+0.6	20	+2	9	+1	63	-3	0	337	490	3
DELTA: TANTA	1015.1	-2.8	—	WSW	2	1	10.8	+2.3	—	21	—	8	—	69	—	0	28	—	
ZAGAZIG	1016.6	-1.2	-2.5	SSE	2	0	10.0	-0.1	+0.4	21	+1	9	+2	62	-15	0	10	18	
BENHA	1016.3	-1.9	-3.3	SSE	2	0	9.0	0.0	—	20	+1	7	+1	72	—	0	12	16	
SHIBIN EL KOM	1017.1	-1.1	-2.1	S	3	0	9.0	-1.4	-0.8	19	0	8	0	61	-6	0	12	18	
BENI SUEF	1016.4	-0.2	-3.0	—	0	0	9.5	+3.5	+1.1	—	—	—	—	61	-8	0	35	4	
RED SEA: TOR	1015.5	-1.1	-2.8	S	4	0	17.0	+6.4	+4.6	22	+2	10	0	47	-27	0	10	17	3
KOSEIR	1016.2	-1.0	-1.6	NE	2	0	13.5	+3.4	+0.9	21	0	9	0	33	-26	0	7	10	2
HURGHADA	1016.2	-1.0	—	W	4	0	13.5	-0.7	—	22	—	8	—	61	—	0	0	—	2
QUSEIR	1016.2	-1.2	—	W	2	0	18.2	+1.2	—	22	—	13	—	41	—	0	15	—	2
UPPER EGYPT: ASSIUT	1017.4	-1.4	-1.8	SW	1	0	8.2	+0.8	-0.7	21	+2	6	+1	73	-3	0	8		
MINIA	1018.8	-0.3	—	NNE	3	0	10.5	+4.0	+0.7	21	+1	5	-1	63	-15				
BENI SUEF	1019.1	-0.7	-0.9	SW	2	0	9.0	0.0	-0.7	21	+1	6	0	66	-2	0	0		
FASHA	1018.4	-0.3	—	NW	2	0	9.8	+1.8	-0.9	24	+1	6	-1	73	+7				
KOSSEIR	1018.7	-0.1	—	NW	1	0	8.3	-0.9	—	24	—	4	—	54	—	0	0		
ASWAN	1017.9	0.0	-0.8	—	0	3	12.3	+1.0	-0.3	25	+1	9	-1	51	-1				
WADI HALFA	1017.0	+0.3	-1.8	—	0	1	11.0	+0.4	-0.2	26	+1	8	0	50	+1				
SUDAN: KHARTOUM	1014.2	+0.8	+0.3	NNE	1	0	19.9	+0.4	+2.0	33	+3	17	+2	29	-1	0	1	5	
	1011.6	+0.9	+0.4	NNE	3	3	26.3	+0.3	+2.1	38	+2	22	+4	22	-1	0	103	93	
	—	—		NW	5	0	27.5	-2.5	—	40		—		38		0	75	142	

General Situation

8 30 The depression is moving slowly eastwards and is now centred near Rhodes.

يتحرك الانخفاض ببطء نحو الشرق ويقع الآن بالقرب من جزيرة رودس

Forecast for 24 hours from noon to day.

30 WSW
40 WSW
50 WSW

On the coast fresh to strong southwest winds, veering to west and northwest. Inland fresh southwest to west winds. Clear at first, much low cloud later. Rain in the north. Scattered showers probable. Cooler tomorrow.

رياح جنوبية غربية بالبحر البحيرة والشديدة على الساحل تتحول الى الغرب والشمال الغربي وتكون جنوبية غربية في الداخل تتحول الى الغرب - الجو صحو في الابتداء ثم يتكون سحاب منخفض قليل - وتمطر في الشمال ويحتمل أن تمطر أيضا في أنحاء متفرقة والطقس يميل للبرودة غدا

STATION	Humidity Mean of Day Yesterday	Humidity Diff from normal	Air Temperature Mean of Day Yesterday	Air Temperature Diff from normal
	%	%	°C	°C
Alexandria	51	-14	10.4	-0.4
Ezbekiya	56	-10	10.7	+0.5
Giza	63	-6	10.4	—
Helwan	54	-2	9.9	+0.9

NOTE. A dash means that figures are not available

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Remarks

Wadi Halfa River Gauge Reading for 25-12-30 published on 28th 25-12-30 should read 2.33 instead of 2.31 M.

صحة قراءة المقياس بمقياس وادي حلفا يوم ٢٥/١٢/٣٠ المذكورة بتقرير يوم ٢٨ هي ٢٥-١٢-٣٠ ٢٫٣٣ بدلا من ٢٫٣١ مترا

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
27-1	933	1382
26-1	929	1382

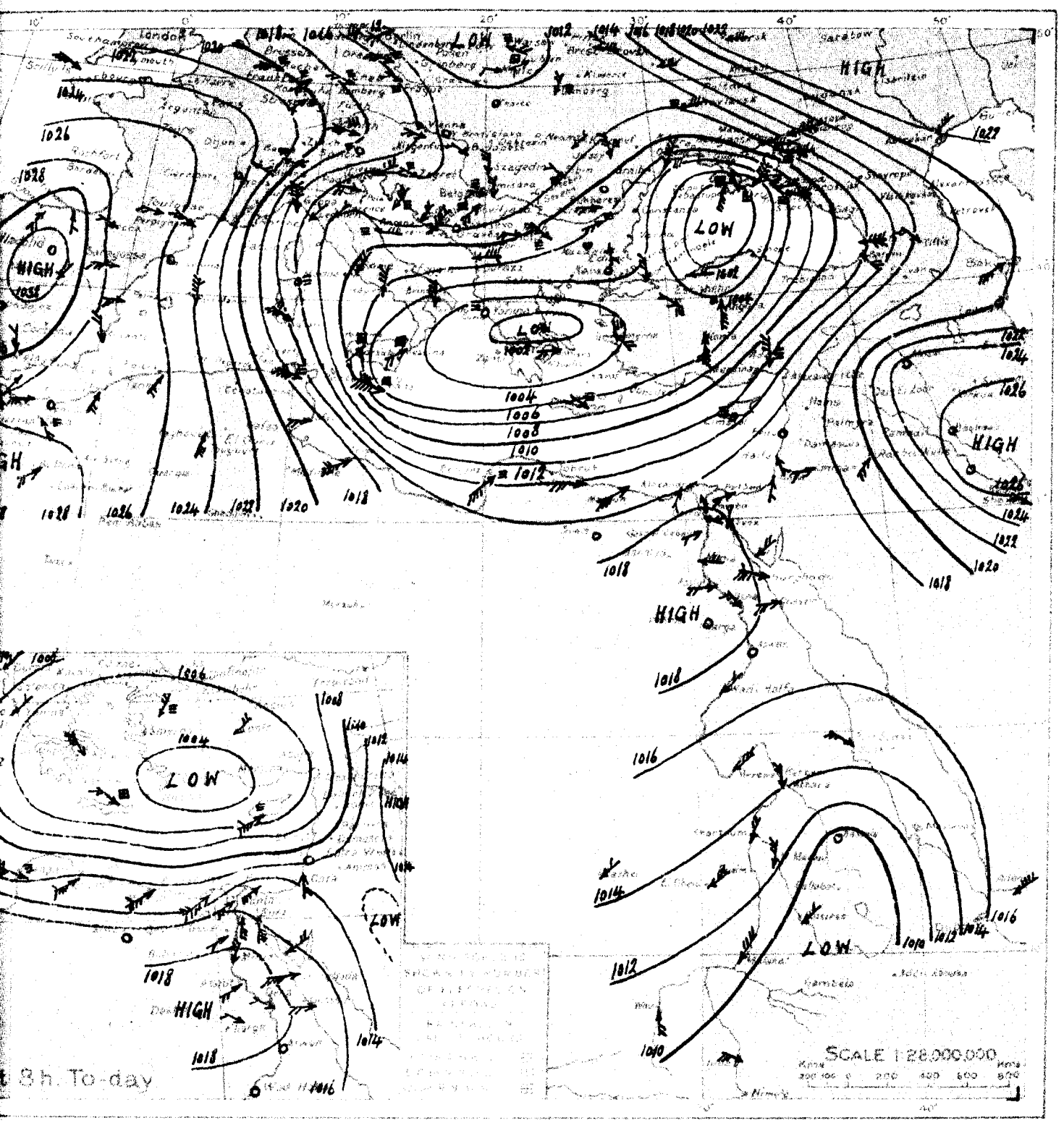
STATIONS	Date 1931	Reading m	Diff from normal m	Reading m	Diff from normal m
Juba	27-1	13.32	-0.02	13.31	-0.03
Nasser	27-1	5.27	-0.58	5.29	-0.59
Malakal	27-1	10.12	-0.75	10.14	-0.76
Roseires	28-1	11.79	-0.11	11.80	-0.12
Sennar Res	27-1	20.70	—	20.70	—
Makwar	27-1	4.56	-1.09	4.58	-1.08
Khartoum	27-1	10.28	-0.65	10.31	-0.64
Kh. el Garbi					
Atbara	27-1	10.04	-0.51	10.05	-0.51
Wadi Halfa	27-1	1.65	-0.73	1.69	-0.71
Aswan Res	27-1	113.90	—	113.90	—
" D.S.	27-1	85.72	-0.44	85.72	-0.45
El Lahai	28-1	17.40	-0.62	17.47	-0.56
Roda (Cairo)	27-1	14.41	-0.38	14.41	-0.37

PRINTED AT THE SURVEY OF EGYPT (820(29/559)) 1920 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

XI - 1 - CV Barometer and Wind at 8 h. Yesterday 27.1.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0- 1	0
Almost calm	2- 6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	75-90	10
Storm	91-104	11
Hurricane above 104		12

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rain	5
Sand [illegible]	6
Sand [illegible]	7
Mist [illegible]	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

XI - 1 - CV From Observations taken at 8 h. yesterday 27.1.31.

	STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change in 24 hours	BAROMETER: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Max. Yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Min. Yesterday	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from 1 to yesterday	RAINFALL: Normal from 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1010.0	-1.6	-6.7	NE	2	4	6	-2	—	14	—	4	—	56	—	—	—	390	—
	MALTA	1005.8	-7.5	-11.2	WNW	4	3	11	-3	—	14	-1	7	-3	60	—	11	281	298	5
	ATHENS	1002.7	-3.5	-15.6	W	2	1	10	-3	—	—	—	—	—	60	—	—	—	222	—
	CANDIA	1007.0	-5.3	-10.2	NW	1	1	13	-3	—	20	+5	11	+2	—	—	2	314	292	4
	LIMASSOL	1012.7	-3.6	-4.4	—	0	2	16	+2		19	+2	11	+4	—	—	1	305	288	1
EGYPT and SUDAN	Atbara عطبرة	1014.0	+1.6	-0.7	N	2	0	21.0	-2.5	+2.0	33	+2	16	+2	49	+19	0	0	1	—
	Wad Medani [illegible]	1012.7	+1.1	-0.6	N	3	0	22.0	-2.5	+1.7	36	+2	18	+3	58	+24	0	8	13	—
	El Obeid [illegible]	1012.3	-0.3	-3.4	NE	3	0	21.8	+2.0	+4.3	32	+2	13	+2	62	+31	0	17	19	—
	Wau [illegible]	1010.3	+0.4	-0.3	S	2	1	25.0	-1.0	-1.1	36	0	20	+2	34	-10	0	101	147	—
	Juba [illegible]	—	—	—	NW	3	0	30.0	+0.5	—	41	—	—	—	33	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 47

" sunset 17 29

From Observations taken at 8h. to-day.

Thursday 29th January, 1931 ١٩٣١ الخميس ٢٩ يناير

STATION	Barometer Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Past 24 hours	Total since 1st Oct.	Total since 1st Jan.	Sea
							°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
SOLLUM	1018.4	+6.0	-0.1	WNW	3	2	10.2	0.0	-1.2	[illegible]		8		73	0	0	51	57	4
MATRUH	1017.4	+5.0	-0.9	WNW	3	2	8.3	-2.0	-2.7	18	0	8	0	86	+8	trace	163	110	4
ALEXANDRIA	1015.6	+2.0	-3.1	NW	8	3	13.4	+0.4	+0.6	18	-1	10	-1	65	-8	drops	86	147	5
PORT SAID	1015.0	+0.4	-2.0	W	4	3	11.1	-1.2	-1.8	19	0	10	-1	85	+9	0	52	50	4
[illegible]	—	—	—	Calm	1	0	12.1	+0.7	+0.7	19	+1	10	+2	60	-16	0	137	258	
[illegible]	1009.6	-2.4	-6.1	SSW	1	4	14.2	+0.7	+1.3	19	+1	9	+1	60	-6	15	352	497	4
[illegible]	1016.3	+1.2		SSW	1	4	9.3	-1.5		20		7		75		0	28		
[illegible]	1017.9	+1.3	-1.1	SSW	2	0	9.7	-0.3	0.0	21	+1	9	+2	61	-16	0	10	18	
[illegible]	1018.0	+1.7	-1.6	S	1	0	10.0	+1.0	—	20	+1	8	+2	62	—	0	12	16	
[illegible]	1018.7	+1.6	-0.4	SSE	2	0	6.6	-2.4	-3.2	19	0	5	-3	62	-4	0	12	18	
[illegible]	1019.8	+3.4	+0.4	—	0	0	8.2	-1.3	-0.2	—	—	6	+2	79	+10	0	35	4	
[illegible]	1016.3	+0.8	-2.0	SW	2	0	14.5	-2.5	+2.1	22	+2	13	+3	53	-20	0	10	17	2
[illegible]	1017.1	+0.9	-0.7	NE	2	4	14.5	+1.0	+1.8	23	+2	10	+1	77	+18	0	7	10	2
[illegible]	1017.2	+1.0		NNW	5	1	16.2	+2.7		23		12		58		0	0		3
[illegible]	1016.6	+0.4		N	2	0	19.7	+1.5		24		16		29		0	15		2
[illegible]	1019.1	+1.7	0.0	W	3	0	8.0	-0.2	-1.0	21	+1	5	0	65	-11	0	8		
[illegible]	1020.4	+1.6		WSW	2	0	9.8	-0.7	0.0	21	+1	7	0	47	-31				
[illegible]	1020.7	+1.6	+0.7	WSW	2	3	8.9	-0.1	-0.8	19	-1	7	+1	52	-16	0	0		
[illegible]	1018.6	+0.2		WNW	2	0	11.5	+1.7	+0.8	25	+2	8	+1	69	+4				
[illegible]	1019.2	+0.5		NE	1	0	14.2	+5.9		24		8		35		0	0		
[illegible]	1017.8	-0.1	-0.9	NNE	1	0	14.2	+1.9	+1.6	25	+1	10	0	43	-9				
[illegible]	1013.9	-1.7	-2.5	NE	2	0	19.6	0.0	+2.8	34	+4	14	+2	13	-20	0	0	1	
[illegible]	1012.0	-2.2	-1.9	—	1	1	19.3	-0.6	+1.4	35	+5	18	+3	35	+5	0	1	5	
[illegible]	1010.7	+1.2	-0.9	NNE	1	0	24.0	-1.0	+2.1	38	+2	18	+2	39	-1	0	33	37	
[illegible]	1010.3	-2.8	-5.3	NE	5	0	23.2	+2.0	+5.7	33	+2	14	+3	59	+28	0	17	19	

Depression Report

9 00 The depression continues to move slowly eastwards and is now situated over Syria. Pressure in Egypt is again rising.

٧ يزال الانخفاض يتحرك شرقا ببطء وهو الآن فوق سوريا وقد أخذ الضغط في الارتفاع ثانية فوق مصر.

[illegible]	30	N
[illegible]	45	W
[illegible]	40	W
[illegible]	50	W

Forecast for 24 hours from noon to-day.

On the coast fresh to strong west to northwest winds, moderating tomorrow. Inland moderate to fresh westerly winds. Much low cloud.
Further rain in the north.
Remaining cool.

رياح غربية وشمالية غربية بين النسيمية والشديدة تعتدل غدا على الساحل ورياح غربية بين المعتدلة والنسيمية في الداخل يكثر السحاب المنخفض ويتساقط مطر آخر في الشمال يستمر الطقس مائلا للبرودة

STATION	Humidity Mean of day		Evaporation Last 24 hours	
	Tenths	Diff. from normal	mm	Diff. from normal
Alexandria	58	-7	11.2	+0.4
Ezbekiya	41	-25	9.1	-1.1
Giza	47	-22	8.9	—
Helwan	48	-8	7.9	-1.1

Remarks

Discharges at Aswan measured by gauges m3 per sec.

DATE	1931	1930
29-1	927	1353
28-1	926	1382

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
		m	m	m	m
Duda	28-1	13.32	-0.01	13.32	-0.02
Nassir	27-1	5.27	-0.58	5.29	-0.59
Malakal	28-1	10.11	-0.74	10.12	-0.75
Roseires	28-1	11.79	-0.11	11.80	-0.12
Sennar Res.	28-1	20.70	—	20.70	—
Makwar	28-1	4.53	-1.11	4.56	-1.09
Khartoum	28-1	10.25	-0.66	10.28	-0.65
Khor el Gerba					
Atbara	28-1	10.05	-0.49	10.04	-0.51
Wadi Halfa	28-1	1.61	-0.75	1.65	-0.73
Aswan Res.	29-1	113.82	—	113.87	—
" D.S.	29-1	85.74	-0.40	85.74	-0.41
El Lessi	29-1	17.26	-0.74	17.40	-0.62
Roda (Cairo)	28-1	14.39	-0.41	14.41	-0.38

NOTE. A dash means that figures are not available

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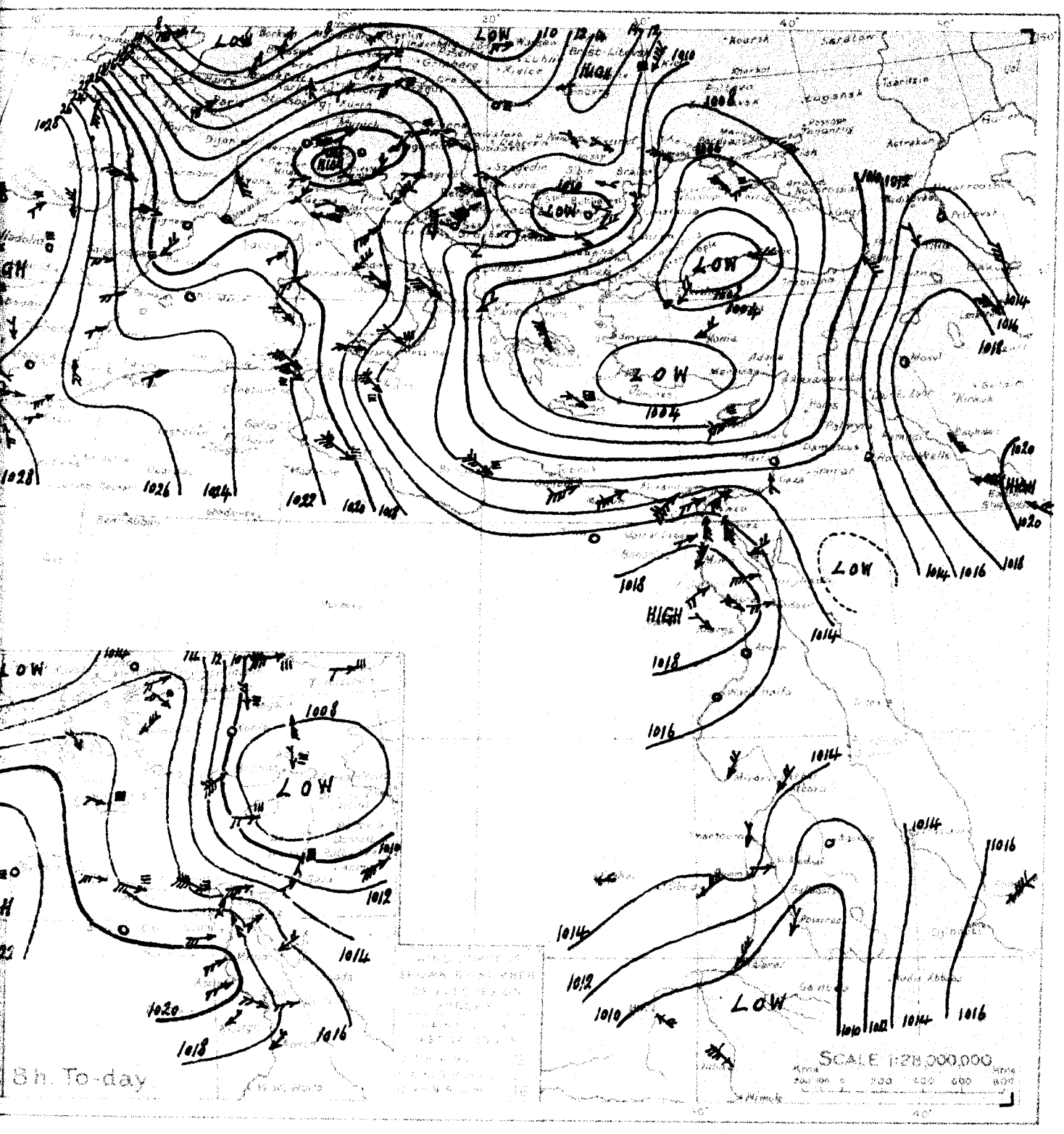
PHYSICAL DEPARTMENT.

REPORT.

.٢١-١-٢٨ Barometer and Wind at 8 h. Yesterday 28.1.31.



WIND VELOCITY

	MPH	Force
Calm	1-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-89	10
Storm	90-104	11
Hurricane	105-194	12

STATE OF SKY

Clear	0
1 Clouds	1
2 Clouds	2
3 Clouds	3
Sky half clouded	4
Cloudy	5
Cloudy	6
Cloudy	7
Sky	8
Fog	9
Thunderstorm	0

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Unknown	9

.٢١-١-٢٨ From Observations taken at 8 h. yesterday 28.1.31.

	Barometer Reduced to 0° Sea Level	Difference from Normal	Difference from Yesterday	Wind Direction	Force	Sky	Temperature At 8 h.	Max.	Min.	Max. Yesterday	Difference from normal	Min.	Difference from normal	Humidity At 8 h.	Difference from normal	Rainfall Past 24 hours	Since 1st Jan.	Since 1st Jan. last year	Sea
							°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
ROME	1018.8	+8.8	+2.1	NE	3	c	3	-3	—	11	—	2	—	60	—	—	—	393	—
MALTA	1012.6	+6.8	-6.2	NW	1	3	9	-2	—	12	-3	7	-3	50	—	1	282	300	4
ATHENS	1005.3	+2.6	-13.0	NNW	4	4	5	-5	—	—	—	—	—	60	—	—	—	224	—
CANDIA	1005.3	-1.7	-11.9	NW	2	4	9	-4	—	20	+5	7	-2	—	—	13	327	295	6
LIMASSOL	1005.6	-7.1	-11.4	WSW	5	4	16	0		19	+2	13	+6	—	—	2	307	291	6
Merowe مروى	1015.6	+1.2	-0.9	NE	2	0	19.6	+1.0	+2.8	33	+3	14	+2	22	-12	0	0	1	—
Atbara عطبرة	1014.0	0.0	-0.7	NE	2	0	23.0	+2.0	+4.0	33	+2	17	+3	48	+18	0	0	1	—
Kassala كسلا	1011.9	+2.3	-0.5	—	0	0	20.5	-3.0	-1.6	36	+2	16	0	33	-28	0	0	11	—
Wad Medani ود مدني	1014.0	+1.3	+0.7	W	2	0	22.0	0.0	+1.7	31	-3	17	+2	36	+2	0	8	13	—
Roseires الروصيرص	1009.5	+0.8	-2.1	NNE	1	0	25.0	-2.5	+3.1	38	+2	18	+2	34	-6	0	33	37	—
El Fasher الفاشر	1014.8	+0.5	—	E	1	0	22.5	+5.5	+7.6	35	+4	8	-2	20	-11	0	1	8	—
El Obeid الأبيض	1013.1	+0.8	-2.5	NE	4	0	21.2	-0.6	+3.7	33	+3	14	+3	62	+31	0	17	19	—
Wau واو	1009.6	-0.7	-1.0	SE	2	1	25.0	0.0	-1.1	36	0	18	0	61	+17	0	101	147	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 47

" " sunset 17 30

From Observations taken at 8 h. to-day.

Friday 30th January, 1931 — ١٩٣١ الجمعة ٣٠ يناير

	STATION	Barometer Reduced to Sea Level	Diff. from normal	Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum yesterday	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Yesterday	Rainfall To 8 h. to-day	Rainfall Since 1st Sept.	Sea
								°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1022.8	+4.4	+4.3	WNW	3	0	8.2	-2.0	-3.2	[illegible]		6		85	+12	0	51	58	5
	MATRUH	1022.6	+5.2	+4.3	WNW	3	1	7.6	-0.7	-3.4	15	-3	7	-1	82	+4	1	164	112	4
	ALEXANDRIA	1022.4	+6.8	+3.8	NW	1	3	14.3	+0.9	+1.5	16	-3	10	-1	52	-21	trace	86	149	3
	PORT SAID	1021.4	+6.4	+4.5	N	2	1	11.0	-0.1	-1.9	18	-1	10	-1	75	-1	trace	52	51	5
	GAZA	—	—	—	—	0	2	11.6	-0.5	+0.2	16	-2	10	+2	79	+3	3	140	261	
	HAIFA	1017.6	+8.0	+1.9	SSW	1	3	12.6	-1.6	-0.3	18	0	9	+1	68	+2	6	358	504	5
LOWER EGYPT	TANTA	1023.4	+7.1		S	1	0	6.1	-3.2		18		4		87		2	30		
	ZAGAZIGUEIK	1023.4	+5.5	+4.4	SE	1	0	7.8	-1.9	-1.9	17	-3	6	-1	75	-2	drops	10	18	
	GIZA	1023.8	+5.8	+4.2	SE	1	0	7.2	-2.8	—	18	-1	3	-3	77	—	drops	12	16	
	HELWAN	1023.4	+4.7	+4.3	ESE	1	0	7.2	+0.6	-2.6	16	-3	5	-3	79	+13	0	12	18	
	SIWA	1023.2	+3.4	+3.9	—	0	0	9.0	+0.8	+0.6	—	—	2	-2	80	+11	0	35	4	
RED SEA	SUEZ	1021.8	+5.5	+3.5	NE	2	0	10.0	-4.5	-2.4	19	-1	9	-1	74	+1	drops	10	17	1
	TOR	1020.7	+3.6	+2.9	NNW	4	0	13.6	-0.9	+0.9	19	-2	12	+3	85	+26	0	7	10	4
	HURGHADA	1021.5	+4.3		NW	6	1	13.0	-3.2		20		9		57		0	0		4
	QUSSEIR	1020.8	+4.2		NW	7	0	15.4	-4.3		22		15		53		0	15		7
UPPER EGYPT	QENA	1024.0	+4.9	+4.9	W	1	0	6.0	-2.0	-3.0	18	-2	3	-2	78	+2	0	8		
	[illegible]	1024.3	+3.9		WNW	2	0	6.0	-3.8	-3.8	17	-3	3	-4	85	+7				
	ASSIUT	1025.0	+4.3	+5.0	WSW	2	0	7.0	-1.9	-2.7	14	-6	4	-2	81	+13	0	0		
	[illegible]	1022.2	+3.6		N	1	0	9.6	-1.9	-1.1	22	-1	6	-1	61	-4				
	[illegible]	1023.4	+4.2		N	1	0	10.3	-3.9		20		7		61		0	0		
	ASWAN	1021.4	+3.6	+2.7	NNE	2	1	11.9	-2.3	-0.7	23	-1	10	0	44	-7				
[illegible]	[illegible]	1020.2	+3.6	+1.5	NNE	5	1	11.8	-1.8	+0.5	24	-1	10	+2	45	-4				
	[illegible]	1016.0	+2.1	-0.4	NNE	5	0	17.6	-2.0	+0.8	34	+4	12	0	15	-18	0	0	1	
	[illegible]	1014.8	+1.7	+0.2	N	5	0	21.5	-1.3	+2.5	36	+5	18	+4	32	+3	0	0	1	
	[illegible]	1013.3	+1.3	-0.6	NNE	1	0	20.1	+0.8	+2.2	34	+4	19	+4	16	-13	0	1	5	
[illegible]	[illegible]	1009.4	-0.6	-3.0	—	0	0	24.0	+1.5	+1.9	37	+3	18	+2	57	-4	0	0	11	
	[illegible]	1011.9	+1.6	-1.3	S	3	0	21.5	-3.0	+1.2	34	0	19	+4	21	-12	0	8	13	
	[illegible]	1009.5	-1.2	-2.1	NNE	1	0	25.0	+1.0	+3.1	39	+3	17	+1	34	-6	0	33	37	
	[illegible]	1015.1	+4.4		NNW	1	0	15.0	-3.0	+0.1	36	+5	11	+1	49	+18	0	1	8	
	[illegible]	1013.3	+3.0	-2.3	NE	4	2	19.1	-4.1	+1.5	34	+3	16	+5	59	+29	0	17	19	
	[illegible]	1009.4	-0.4	-1.8	NNE	4	0	28.0	+0.7	+3.8	40	+4	22	+4	41	+19	0	103	93	
	[illegible]	1010.0	-0.2	-0.5	SE	2	1	24.0	0.0	-2.2	36	0	19	+1	39	-5	0	101	147	
	[illegible]	—	—	—	NW	5	3	26.0	-4.5		40		26		59		0	75	166	

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day		Wet Bulb Temperature Mean of Day	
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	57	-8	10.3	-0.5
Ezbekiya	53	-13	8.6	-1.6
Giza	64	-5	8.5	—
Helwan	62	+6	7.5	-1.5

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

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

DATE	1931	1930
30-1	927	1339
29-1	927	1353

STATION	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m	m	m	m
Juba	30-1	13.32	-0.01	13.32	-0.01
Nasser	29-1	5.22	-0.57	5.24	-0.58
Malakal	28-1	10.11	-0.74	10.12	-0.75
Roseires	28-1	11.79	-0.11	11.80	-0.12
Sennar Res.	30-1	20.70	—	20.70	—
Makwar	30-1	4.54	-1.08	4.52	-1.11
Khartoum	28-1	10.25	-0.66	10.28	-0.65
Kh. el Girba					
Atbara	28-1	10.05	-0.49	10.04	-0.51
Wadi Halfa	28-1	1.61	-0.75	1.65	-0.73
Aswan Res.	30-1	113.74	—	113.82	—
" D.S.	30-1	85.75	-0.38	85.74	-0.40
El Leiki	30-1	17.20	-0.79	17.26	-0.74
Roda (Cairo)	28-1	14.39	-0.41	14.41	-0.38

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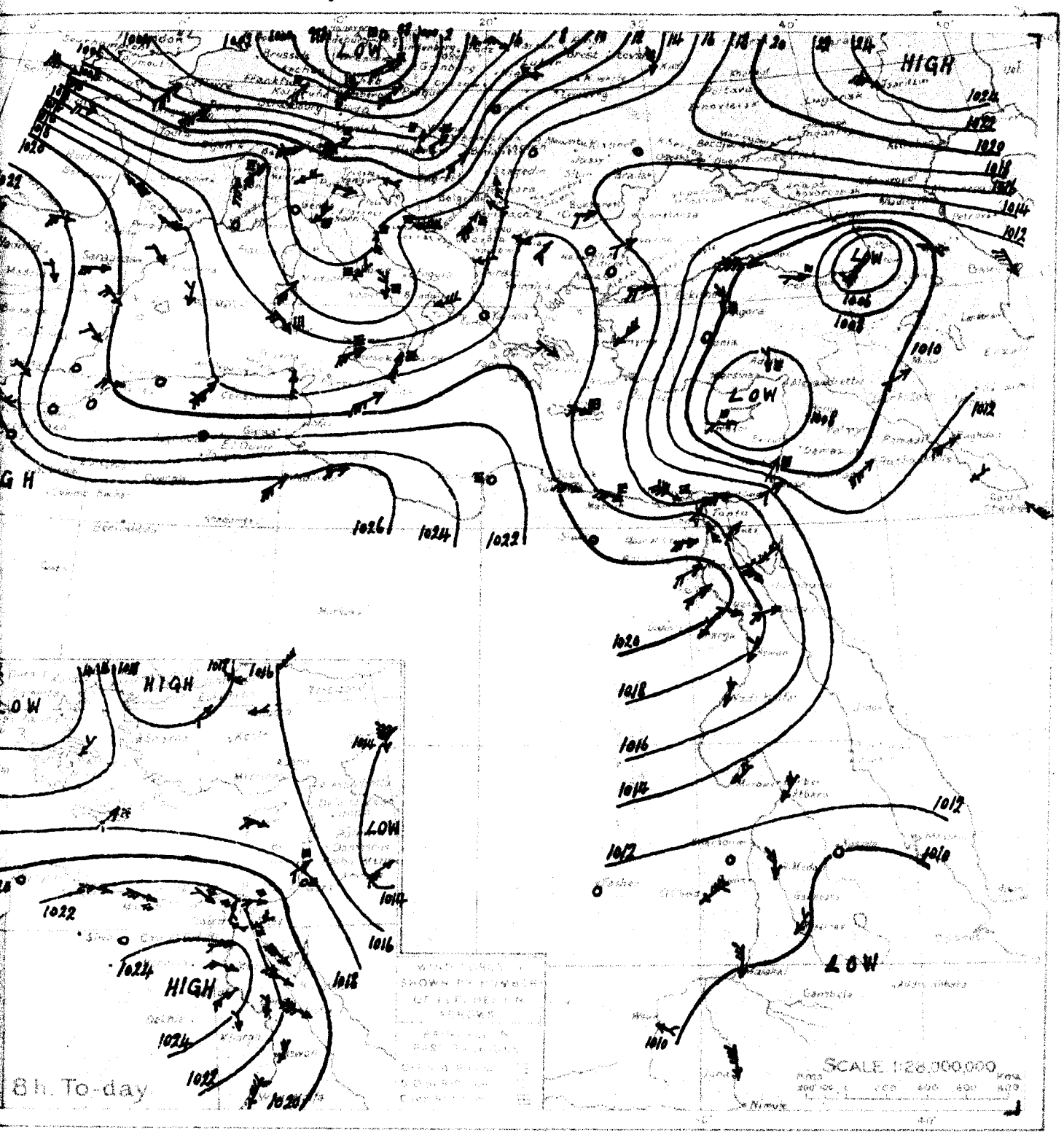
PHYSICAL DEPARTMENT.

REPORT.

.٢١-١-٢٩ Barometer and Wind at 8 h. Yesterday 29.1.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
Cloudy	1
Cloudy	2
Cloudy	3
Entirely cloudy	4
[illegible]	5
[illegible]	6
[illegible]	7
[illegible]	8
[illegible]	9

STATE OF SEA

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

.٢١-١-٢٩ From Observations taken at 8 h yesterday 29.1.31.

	STATION	PRESSURE: Reduced to Sea level	PRESSURE: Change in 24 hours	PRESSURE: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h	TEMPERATURE: Change in 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Maximum yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from 0.0 to yesterday	RAINFALL: Normal from 0.0 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.4	-6.4	-4.3	NE	1	1	4	+1	—	10	—	3	—	30	—	3	—	395	—
	MALTA	1019.8	+7.2	+3.0	WSW	4	3	11	+2	—	11	-4	7	-3	60	—	0	282	303	2
	ATHENS	1018.4	+13.1	+0.1	NW	1	2	3	-2	—	—	—	—	—	40	—	—	—	226	—
	CANDIA	1017.5	+12.2	+0.3	WNW	1	3	10	+1	—	11	-4	5	-4	—	—	17	344	297	6
	LIMASSOL	1006.3	+0.7	-10.7	W	2	1	12	-4		18	+1	8	+1	—	—	6	313	294	4
EGYPT and SUDAN	Wadi Halfa (وادي حلفا)	1016.6	-0.4	-2.1	NNE	2	0	13.6	+2.6	+2.3	26	+1	10	+2	30	-19	—	—	—	—
	Atbara (العطبرة)	1013.1	-0.9	-1.5	NNE	2	0	22.8	-0.2	+3.8	34	+3	19	+5	53	+24	0	0	1	—
	Kassala (كسلا)	1010.0	-1.9	-2.4	—	0	0	22.5	+2.0	+0.4	36	+2	16	0	51	-10	0	0	11	—
	Wad Medani (ودمدني)	1010.3	-3.7	-3.0	N	2	0	24.5	+2.5	+4.2	37	+3	19	+4	36	+3	0	8	13	—
	El Fasher (الفاشر)	1010.7	-4.1	—	—	0	1	18.0	-4.5	+3.1	36	+5	10	0	36	+5	0	1	8	—
	Malakal (الملاكال)	1009.8	-1.8	-1.4	N	3	0	27.3	+1.0	+3.1	39	+3	20	+2	20	-2	0	103	93	—
	Wau (واو)	1010.2	+0.6	-0.3	SE	1	1	24.0	-1.0	-2.2	36	0	20	+2	57	+13	0	101	147	—
	Juba (جوبا)	—	—	—	NNW	4	3	30.5	+3.0	—	—	—	—	—	42	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 46.

" sunset 17 31

From Observations taken at 8h. to-day

Saturday 31st January, 1931 — ١٩٣١ السبت ٣١ يناير

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff. from normal	Temperature Maximum	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Last 24 hours	Rainfall Since 1st Sept.	Rainfall Last year to date	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1023.5	+0.7	+5.0	NW	2	0	10.8	+2.6	-0.6	[illegible]	—	[illegible]	—	72	-2	0	51	59	3
MATRUH	1022.6	0.0	+4.3	WNW	2	0	7.5	-0.1	-3.5	17	-1	6	-2	62	-15	0	164	113	3
ALEXANDRIA	1023.2	+0.8	+4.6	SW	1	0	11.7	-2.6	-1.1	19	0	8	-3	66	-7	0	86	150	3
PORT SAID	1023.1	+1.7	+6.2	WSW	2	0	10.9	-0.1	-2.0	19	0	9	-2	75	-1	0	52	51	1
GAZA	—	—	—	—	0	8	10.2	-1.4	-1.2	16	-2	8	0	76	0	0	140	264	
HAIFA	1019.8	+2.2	+4.2	—	0	4	11.4	-1.2	-1.6	16	-2	8	0	67	+1	14	372	510	4
TANTA	1023.5	+0.1	—	SE	1	0	7.3	+1.2	—	19	—	5	—	68		0	30		
EZBEKIYA	1023.9	+0.5	+4.9	S	1	0	7.5	-0.3	-2.2	17	-3	5	-2	70	-7	0	10	19	
GIZA	1023.9	+0.1	+4.4	SE	2	0	6.9	-0.3	—	19	0	2	-4	73	—	0	12	17	
HELWAN	1023.8	+0.4	+4.8	NNE	1	0	8.6	+1.4	-1.2	17	-2	7	-1	61	-5	0	12	19	
SIWA	1022.3	-0.9	+3.0	—	0	0	2.0	-7.0	-6.4	—	—	0	-4	85	+16	0	35	4	
SUEZ	1022.6	+0.8	+4.3	NW	1	0	10.0	0.0	-2.4	19	-1	7	-3	74	+1	0	10	17	0
TOR	1021.1	+0.4	+3.4	NE	2	0	10.0	-3.6	-2.7	19	-2	4	-5	74	+15	0	7	10	2
HURGHADA	1021.2	-0.3		NW	6	1	12.9	-0.1		19		9		56		0	0		4
QOSSEIR	1019.6	-1.2		NW	4	0	17.0	+1.6		19		13		53		0	15		4
SECA	1024.6	+0.6	+5.5	W	1	0	6.0	0.0	-3.0	18	-2	3	-2	70	-5	0	8		
[illegible]	1024.0	-0.3		NNE	2	0	7.0	+1.0	-2.9	17	-3	3	-4	71	-7				
[illegible]	1024.2	-0.8	+4.2	WNW	2	0	6.5	-0.5	-3.2	17	-4	4	-2	77	+10	0	0		
[illegible]	1022.8	+0.6		NW	2	0	6.7	-1.9	-4.0	21	-2	3	-4	69	+4				
[illegible]	1021.6	-1.8		NNE	2	0	10.5	+0.2		20		5		55		0	0		
[illegible]	1020.7	-0.7	+2.1	NNE	1	0	9.5	-2.4	-3.2	22	-2	7	-3	43	-8				
[illegible]	1013.4	-1.8	-0.3	NNE	2	0	10.0	-1.8	-1.3	21	-4	8	0	39	-10				
[illegible]	1015.5	-0.5	-0.9	NE	2	0	17.1	-0.5	+0.3	30	0	12	0	21	-12	0	0	1	
[illegible]	1013.5	+0.2	-0.3	NNE	1	0	19.4	-0.7	+1.5	31	+1	17	+2	18	-11	0	1	5	
[illegible]	1011.2	-0.7	-2.0	N	2	0	21.5	0.0	+1.2	35	+1	18	+3	39	+6	0	8	13	
[illegible]	1014.3	+1.0	-1.2	NE	3	0	19.2	+0.1	+1.6	31	0	13	+2	62	+32	0	17	19	
[illegible]	—	—		NW	5	0	26.0	0.0		40	—	—		66		0	75	142	

8 15 Egypt is now an area of high pressure with a very shallow depression over Asia Minor. There is a fairly deep depression over Italy.

مصر الآن منطقة ضغط مرتفع مع انخفاض ضحل جدا على آسيا الصغرى ويوجد انخفاض عميق نوعا على إيطاليا

[illegible]	15	NNW
[illegible]	5	N
[illegible]	5	NE
[illegible]	15	WNW
[illegible]	30	W

Forecast for 24 hours from noon to-day.

On the coast light westerly winds. Inland light to moderate northerly winds, becoming northeasterly. Clear or occasional medium cloud. Temperature about normal.

رياح غربية خفيفة على الساحل وبرياح بين الخفيفة والمعتدلة في الداخل تكون شمالية ثم تتحول الى الشمال الشرقي السماء صحو أو غائم بسحاب المتوسط أحيانا درجة الحرارة حول المعدل

STATION	Humidity Mean of day		Wind Mean velocity	
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%	[illegible]	[illegible]
Alexandria	53	-12	11.3	+0.5
Ezbekiyah	67	+1	8.1	-2.1
Giza	76	+7	8.2	—
Helwan	60	+4	7.5	-1.5

NOTE. A dash means that figures are not available.

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" " Abroad P.T.150

Remarks

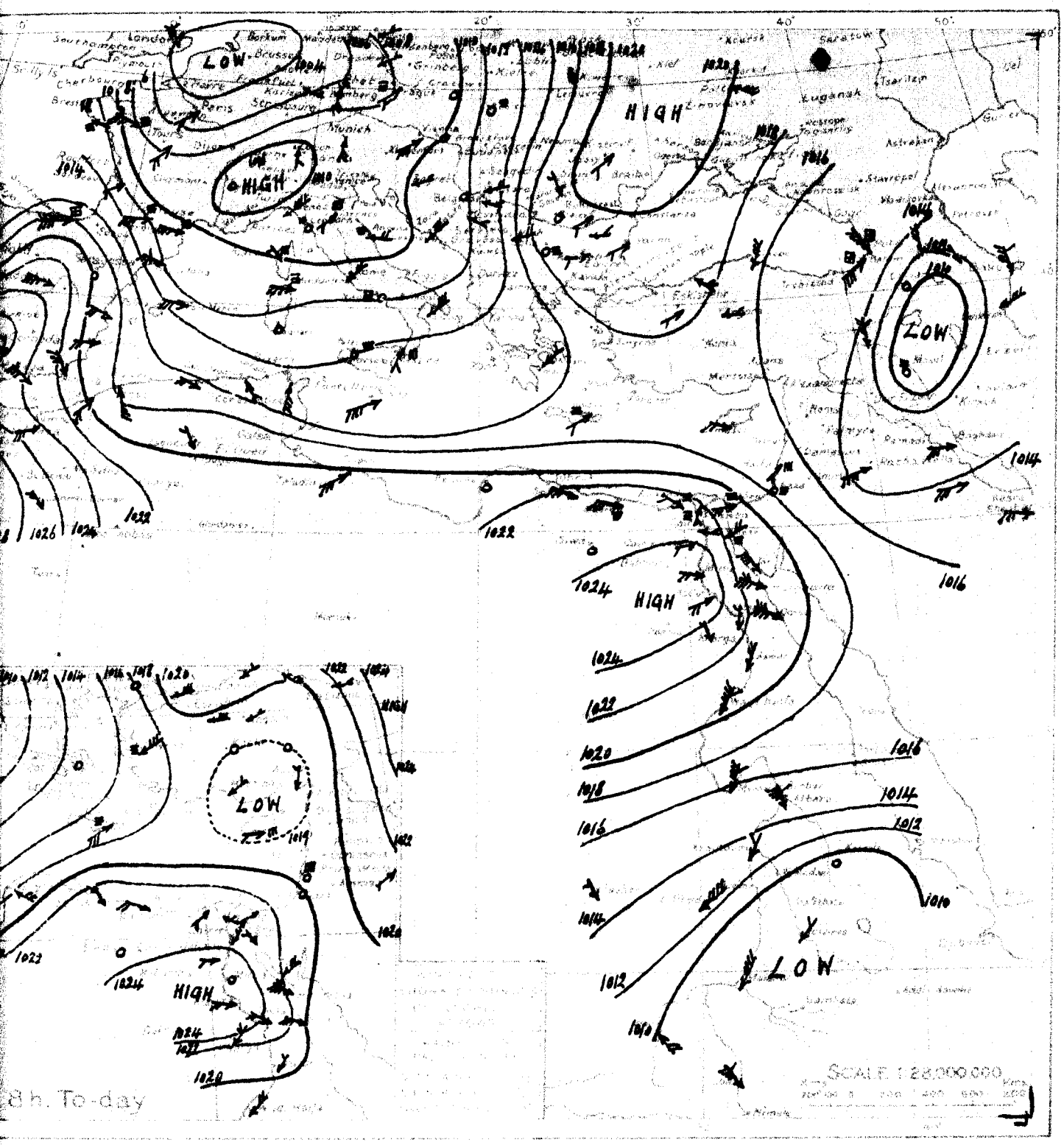
Exchanges at Cairo measured by Sun at noon		
DATE	Sun	Time
30-1	927	1339
29-1	927	1353

Juba	30-1	13.32	-0.01	13.32	-0.01
Nassir	29-1	5.22	-0.57	5.24	-0.58
Malakal	30-1	10.08	-0.73	10.09	-0.74
Rosaires	30-1	11.76	-0.12	11.78	-0.11
Sennar [illegible]	30-1	20.70	—	20.70	—
Makwar	30-1	4.54	-1.08	4.52	-1.11
Khartoum	30-1	10.22	-0.65	10.24	-0.65
Kh. [illegible] Cairo					
Atbara	29-1	10.03	-0.50	10.05	-0.49
Wadi Halfa	30-1	1.58	-0.74	1.58	-0.76
Aswan Reg.	30-1	113.74	—	113.82	—
[illegible]	30-1	85.75	-0.38	85.74	-0.40
El Lahun	31-1	17.18	-0.80	17.20	-0.79
Roda (Cairo)	29-1	14.36	-0.46	14.39	-0.41

PHYSICAL DEPARTMENT.

REPORT.

.٣١-١-٣٠ Barometer and Wind at 8 h Yesterday 30.1.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-33	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane above	104	12

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Fairly clouded	4
Rainy	5
Sand	6
Sand	7
Mist	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Fresh	4
Rough	5
Very Rough	6
Very Rough	7
Very Rough	8
Very Rough	9

.٣١-١-٣٠ From Observations taken at 8 h yesterday 30.1.31.

MEDITERRANEAN	HOME	1010.4	-2.0	-6.3	NE	2	0	4	0		11		2		60		—		398	
	MALTA	1015.3	-4.5	-1.4	WSW	4	2	13	+2		14	-1	12	+2	70		0	282	305	2
	ATHENS	1015.6	-2.8	-2.6	NE	1	1	7	+4		—	—	—	—	70		—		227	
	CANDIA	1017.4	-0.1	+0.2	SW	1	4	11	+1		14	-1	6	-3			1	345	300	3
	LIMASSOL	1016.7	+10.4	-0.3	WNW	2	0	9	-3		15	-2	2	-5			0	313	297	2
EGYPT and SUDAN																				

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of JANUARY 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.		STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value			Column	Correct value
Alexandria ...	1	Wind direction	W	Roseires ...	13	Maximum	—
Suez		Minimum	12	Gaza	14	8 h. temp.	15·7
Qasr el Gebali.		Barometer	1019·8	,,		Humidity	69
Qena		Barometer	1020·8	Kharga		Rainfall	Drops
Tanta	4	Wind direction	W	Atbara		Maximum	—
Port Said ...	6	Wind direction	E	El Obeid ...		8 h. temp.	28·1
Roseires ...		Maximum	29	,,		Humidity	52
El Fasher ...		Minimum	9	Gaza	15	State of sky	4
Sollum	7	Wind direction	SSE	Minya		Maximum	—
Matruh		State of sky	3	Haifa	16	8 h. temp.	16·4
Khartoum ...		Minimum	16	,,		Humidity	60
Port Sudan ...		8 h. temp.	25·1	Minya		State of sky	8
,,		Humidity	41	,,		8 h. temp.	—
Sollum	8	Rainfall	0	,,		Humidity	—
Qasr el Gebali.		Barometer	1012·8	Qosseir	19	8 h temp.	17·3
Khartoum ...		8 h. temp.	19·9	,,		Humidity	44
,,		Humidity	30	Alexandria ...	20	Wind direction	NW
Port Sudan ...		Minimum	20	Tanta		,,	WSW
El Fasher ...		,,	8	Tanta	21	Wind direction	WSW
Sollum	9	Wind force	3	Merowe... ...		8 h. temp.	15·1
Suez		Rainfall	7	,,		Humidity	43
Qosseir		Barometer	1010·7	Matruh	23	Wind direction	E
Atbara		Maximum	—	Minya		Maximum	19
El Fasher ...		Minimum	10	,,		Minimum	5
Sollum	10	Wind direction	WSW	Wau	24	Maximum	—
Gaza		State of sky	4	El Fasher ...	28	Wind direction	NNW
Qosseir		Wind direction	WNW	,,		8 h temp.	16·0
Minya		Barometer	1017·6	,,		Humidity	29
,,		Wind direction	ENE	,,	29	Wind direction	NNW
Atbara		Maximum	—	,,		Wind force	1
Qosseir	11	State of sky	0	Juba		Maximum	40
Atbara		Maximum	—	Qasr el Gebali.	30	Wind direction	S
El Fasher ...		Minimum	12	Juba		Minimum	—
Atbara	12	Maximum	—	Sollum	31	8 h. temp.	10·3
Roseires ...		8 h. temp	—	,,		Humidity	78
,,		Humidity	—	,,		Minimum	8
Atbara	13	Maximum	—	Gaza		State of sky	4

REMARKS:— (1) Cancel all readings at KASSALA for the whole month.
(2) Cancel Maximum readings at SOLLUM for the whole month.
(3 Cancel Wind Force at JUBA for the whole month.

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR JANUARY, 1931.

The Weather.

The unusually mild weather which prevailed during December continued almost throughout the whole of January.

At the beginning of the month Egypt was an area of high pressure ; the weather was fine but the air very damp, and on the 3rd, 5th and 7th, there were thick morning mists in Cairo district. A depression then arriving over western Egypt brought light scattered showers throughout Lower Egypt, and a decided fall in temperature. A depression situated near Crete on the 9th remained almost stationary for three days, causing fresh to strong southwesterly winds and rather rough seas over the eastern Mediterranean, with a continuation of the cool weather.

On the 13th Egypt again came under the influence of a depression, which on that day was situated near Malta and was very deep. There was a secondary off Sollum resulting in warm southeasterly winds in Egypt. Both depressions travelled quickly in an easterly direction, their passage being followed by strong westerly winds along the coast.

On the 15th Egypt became an area of high pressure with settled conditions prevailing until the 17th, when a spell of very rough weather lasting for five days began. On that day a depression was centred north of Crete, and moved east during the day, deepening and causing winds of gale force and rough seas throughout the eastern Mediterranean. At Alexandria a velocity of seventy-seven kilometres an hour from the southwest was recorded. There was little improvement on the following day. On the 19th the gradient of pressure from Egypt to Cyprus increased considerably, and the storm continued with greater severity. Throughout Lower Egypt and the eastern Mediterranean the wind blew with gale force from between southwest and northwest, and in the early hours of the morning of the 20th a velocity of 80 kilometres an hour was recorded at Alexandria. The depression then rapidly moved to the northeast, and cold northwesterly winds following in its rear caused widespread rain in Lower Egypt. By the 22nd conditions had much improved and the weather had become warmer ; it remained settled for a week, but on the 28th a depression which had arrived north of Egypt caused strong southwesterly and northwesterly winds, reaching 67 kilometres an hour at Atexandria, rough seas and cool showery weather for two days.

For the month as a whole the barometric pressure was above normal and the temperature below, in all districts throughout Egypt and the Sudan. On the Mediterranean coast the mean temperature has been above normal for every month since last March, while in Middle Egypt it has fallen as low as the normal in only one month—November—during the same period. It has been an unusually mild winter in Egypt. The rainfall was very low thourghout Egypt, being on the average less than a third of the normal amount for January.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR JANUARY 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX.+MIN./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1017·4	—0·8	19·8	+1·4	11·3	+0·9	15·6	+1·2	16	—19
II. Middle Egypt	1018·4	—1·2	20·1	+1·3	7·8	+0·8	14·0	+1·0	4	— 8
III. Upper Egypt	1018·0	—1·6	24·1	+1·7	9·0	+1·3	16·6	+1·5	0	— 1
IV. North Sudan	1012·8	—1·9	33·3	+2·5	15·6	+1·6	24·4	+2·0	0	0
V. Red Sea*	(1014·5)	—1·1	(27·5)	+0·5	(20·9)	+1·2	(24·2)	+0·8	(0)	— 7
VI. Central Sudan	1010·9	—2·8	35·1	+1·7	15·9	+1·9	25·5	+1·8	0	0
VII. South Sudan	1010·6	—0·8	37·6	+2·0	19·6	+2·0	28·6	+2·0	3	+ 2

* Port Sudan only.
NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

L. J. SUTTON,
Director, Meteorological Service.

State of the River.

Lake Albert at Butiaba fell 9 centimetres during the month. Its level on February 1st, 1931, was 31 centimetres above normal and 61 centimetres above that of the corresponding day of last year.

The Bahr el Jebel at Juba remained almost steady throughout the month. Its levels were a few centimetres below the normal, but on the average 20 centimetres above last year's.

River Sobat at Nasser fell much slower than normally during the first 20 days and at about normal rate for the rest of the month. The levels throughout were below normal and much lower than last year's.

The White Nile at Malakal fell at almost normal rate. The levels throughout the month were much below normal and last year's.

The Blue Nile at Roseires fell at normal rate. The levels throughout the month were a few centimetres below normal and on the average 64 centimetres below last year's. At Khartoum the Blue Nile fell normally. The levels were much below both the normal and last year's.

The Main Nile at Wadi Halfa fell at normal rate throughout the month. The levels were much below both the normal and last year's.

The differences of the mean levels in January 1931 from those of January 1930 and from the normal 1906–1930 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	Jan. 1931 Minus Jan. 1930.	Jan. 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·20	— 0·04
Nasser	— 1·44	— 0·86*
Malakâl	— 1·17	— 0·94
Roseires	— 0·64	— 0·13
Khartoum	— 0·89	— 0·68
Wadi Halfa	— 0·77	— 0·67

* Nasser Normal is for 1922–30 only.

Discharges of the Nile during December, 1930.

Observed by the Irrigation Department.

Aswân

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	86·64	1390
2	86·65	1390
3	86·65	1390
4	86·64	1390
5	86·64	1390
6	86·64	1390
7	86·63	1390
8	86·63	1390
9	86·62	1390
10	86·63	1390
11	86·62	1390
12	86·62	1390
13	86·62	1390
14	86·62	1390
15	86·62	1390
16	86·62	1390
17	86·62	1390
18	86·62	1390
19	86·42	1250
20	86·20	1120
21	86·19	1130
22	85·99	994
23	85·77	868
24	85·74	866
25	85·66	811
26	85·64	812
27	85·63	811
28	85·63	810
29	85·62	813
30	85·62	814
31	85·61	815
Approx. Monthly Mean		1190
Normal Mean 1912-1929		1520

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	2·65	1530
4	2·59	1510
6	2·54	1470
8	2·48	1430
9	2·47	1440
11	2·42	1390
13	2·38	1350
14	2·37	1350
16	2·34	1350
18	2·31	1330
20	2·33	1340
21	2·35	1330
23	2·33	1290
24	2·31	1300
26	2·29	1290
27	2·29	1250
28	2·28	1260
30	2·24	1220
31	2·20	1240
Approx. Monthly Mean		1370
Normal Mean 1912-1929		1850

Atbara (Kilo. 3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	9·98	16
Approx. Monthly Mean		—
Normal Mean 1912-1929		15

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	11·40	1370
10	11·41	1280
15	11·35	1280
20	11·31	1240
25	11·26	1230
30	11·20	1100
Approx. Monthly Mean		1260
Normal Mean 1912-1929		1640

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·07	1260
8	11·09	1280
13	11·02	1260
17	10·98	1170
22	10·92	1180
29	10·78	1050
Approx. Monthly Mean		1190
Normal Mean 1912-1929		1660

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·20	353
6	11·26	375
10	11·22	385
15	11·15	325
20	11·09	321
27	10·96	290
31	10·80	235
Approx. Monthly Mean		329
Normal Mean 1912-1929		581

Makwâr * (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	5·48	382
3	5·45	356
6	5·45	356
8	5·37	361
10	5·38	346
13	5·36	355
15	5·38	353
17	5·29	328
20	5·24	305
22	5·26	294
24	5·12	275
27	5·05	247
29	5·05	236
31	4·97	218
Approx. Monthly Mean		316
Normal Mean 1912-1929		543

Gezîra Main Canal

(Kilo. 1·3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
15	16·27	75
15	16·27	79
31	15·93	63
31	15·93	56
Approx. Monthly Mean		74
Normal Mean 1925-1929		49

Roseires (Blue Nile)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	12·94	500
4	12·88	476
6	12·82	456
8	12·78	446
10	12·76	439
12	12·76	435
14	12·68	420
16	12·65	411
18	12·66	409
20	12·58	381
22	12·50	365
24	12·43	344
26	12·38	329
28	12·32	313
30	12·27	302
Approx. Monthly Mean		402
Normal Mean 1912-1929		499

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·53	949
7	11·54	909
11	11·46	889
16	11·40	864
21	11·34	849
28	11·19	779
Approx. Monthly Mean		859
Normal Mean 1912-1929		1090

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	11·41	881
10	11·20	767
15	11·02	762
20	10·89	729
25	10·77	704
30	10·61	675
Approx. Monthly Mean		765
Normal Mean 1912-1929		1100

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	12·61	405
9	12·40	321
14	12·20	295
19	12·05	265
24	11·92	250
29	11·76	200
Approx. Monthly Mean		296
Normal Mean 1912-1929		630

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	7·80	306
3	7·68	301
4	7·58	295
6	7·35	281
8	7·18	271
9	7·11	253
11	7·04	254
13	7·01	244
15	6·95	246
16	6·89	237

River Sobât (*contd.*).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
17	6·86	231
18	6·81	237
20	6·79	229
22	6·73	225
23	6·66	218
24	6·58	204
25	6·48	197
27	6·34	180
29	6·22	169
30	6·18	168
31	6·11	159
Approx. Monthly Mean		237

River Baro

(6 Kms. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	6·98	169
3	6·89	166
4	6·84	158
6	6·72	150
8	6·62	153
9	6·57	148
11	6·56	150
13	6·52	147
15	6·44	155
16	6·40	151
17	6·35	148
18	6·36	152
20	6·36	154
22	6·25	142
23	6·18	135
34	6·10	128
25	6·03	123
27	5·90	116
29	5·81	108
30	5·74	101
31	5·68	102
Approx. Monthly Mean		143

River Pibor

(6 Kms. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	6·96	145
3	6·88	143
4	6·83	137
6	6·72	126
8	6·62	117
9	6·57	105
11	6·56	100
13	6·52	96
15	6·41	94
16	6·40	92
17	6·35	89
18	6·36	89
20	6·36	82
22	6·25	81
23	6·18	80
24	6·10	80
25	6·03	78
27	5·90	69
29	5·81	64
30	5·74	60
31	5·68	56
Approx. Monthly Mean		96

* Discharges from December 6th onwards are measured at Hillet Sherif, 14 kms. D.S. Dam.

Discharges of the Nile during December, 1930 (*continued*).

Observed by the Irrigation Department.

Akobo (River Pibor).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	13·24	8
9	12·65	10
17	12·24	4
24	11·92	4
30	11·45	2
Approx. Monthly Mean		6

Bahr el Zerâf (Kilo. 3).

(Gauge at mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	12·19	137
8	12·07	134
13	11·93	136
18	11·84	129
23	11·76	130
28	11·69	128
Approx. Monthly Mean		132
Normal Mean 1912-1929		155

(D.S. Tail Cut No. 2).
(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·38	136
7	26·38	135
10	26·38	143
14	26·38	143
17	26·38	127
21	26·38	132
24	26·38	133
28	26·38	131
31	26·38	130
Approx. Monthly Mean		135
Normal Mean 1926-1929		149

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	27·98	21
6	27·98	20
9	27·98	19
13	27·98	19
16	27·98	21
20	27·98	19
23	27·98	19
27	27·98	22
30	27·98	21
Approx. Monthly Mean		20
Normal Mean 1926-1929		46

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	12·41	323
8	12·32	332
13	12·21	345
18	12·12	346
23	12·05	328
28	12·00	335
Approx. Monthly Mean		335
Normal Mean 1923-1929		283

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·75	314
17	13·71	325
27	13·66	328
Approx. Monthly Mean		321
Normal Mean 1923-1929		284

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·75	19
17	13·71	14
27	13·66	16
Approx. Monthly Mean		16
Normal Mean 1923-1929		13

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·75	310
17	13·71	316
27	13·66	325
Approx. Monthly Mean		316
Normal Mean 1923-1929		277

(Kilo. 281).
(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·48	356
4	26·48	351
8	26·48	355
11	26·48	368
16	26·48	362
18	26·48	363
22	26·48	368
25	26·48	363
29	26·48	354
31	26·48	358
Approx Monthly Mean		360
Normal Mean 1927-1929		370

(D.S. Head of Zerâf Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·48	238
4	26·48	240
8	26·48	242
11	26·48	237
15	26·48	240
18	26·48	237
22	26·48	238
25	26·48	235
29	26·48	239
31	26·48	241
Approx. Monthly Mean		239
Normal Mean 1926-1929		228

Jebel-Zerâf Cuts.

(Tail Cut No 2).
(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·38	26
7	26·38	26
10	26·38	25
14	26·38	26
17	26·38	26
21	26·38	26
24	26·38	27
28	26·38	26
31	26·38	26
Approx. Monthly Mean		26
Normal Mean 1926-1929		25

(Tail Cut No. 1)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	27·98	94
6	27·98	91
9	27·98	91
13	27·98	91
16	27·98	91
20	27·98	89
23	27·98	90
27	27·98	92
30	27·98	88
Approx. Monthly Mean		90
Normal Mean 1926-1929		71

Jebel-Zerâf Cuts (*contd.*)

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·48	26
7	26·48	26
10	26·48	26
14	26·48	26
17	26·48	26
21	26·48	26
24	26·48	26
28	26·48	26
31	26·48	26
Approx. Monthly Mean		26
Normal Mean 1926-1929		26

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·74	95
6	11·74	95
9	11·74	92
13	11·74	92
16	11·74	91
20	11·74	90
23	11·74	90
27	11·74	94
30	11·74	91
Approx. Monthly Mean		92
Normal Mean 1926-1929		75

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·74	368
6	11·74	369
9	11·74	369
13	11·74	369
16	11·74	368
20	11·74	355
23	11·74	367
27	11·74	365
30	11·74	364
Approx. Monthly Mean		366
Normal Mean 1926-1929		345

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·61	793
3	11·61	783
4	11·64	796
5	11·64	810
6	11·62	794
9	11·65	787
12	11·62	778
13	11·62	783
17	11·59	763
18	11·58	751
19	11·57	751
20	11·57	758
22	11·55	767
23	11·55	765
24	11·54	742
26	11·54	766
27	11·53	753
29	11·51	747
Approx. Monthly Mean		770
Normal Mean 1912-1929		820

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³/p.s.
			M.		
		River Sobât and Tributaries.			
4/12/30	Khor Filus.	At Mouth	12·64	Hillet Doleib	1
14/12/30	" "	" "	12·20		1
24/12/30	" "	" "	11·92		2
5/12/30	Pibor.	D.S. Makwai Junction	6·76	Pibor Mouth	129
12/12/30	"	" " "	6·54	"	104
19/12/30	"	" " "	6·38	"	87
26/12/30	"	" " "	5·97	"	73
5/12/30	Khor Makwai.	At Mouth...	6·77	"	12
12/12/30	" "	" "	6·54	"	9
19/12/30	" "	" "	6·38	"	15
26/12/30	" "	" "	5·97	"	10
5/12/30	Pibor.	U.S. Makwai Junction	6.77	"	115
12/12/30	"	" " "	6·54	"	94
19/12/30	"	" " "	6.38	"	77
26/12/30	"	" " "	5·97	"	63
		Khor Adar (White Nile).			
10/12/30	Khor Adar.	400 ms. U.S. Junction with White Nile	11·24	Melut.	4
		Bahr el Ghazal and Tributaries.			
18/12/30	Jur.	Wau	10·69	Wau	55
19/12/30	"	"	10·68	"	53
20/12/30	"	"	10·67	"	53
22/12/30	"	"	10·70	"	55
23/12/30	"	"	10·68	"	53
24/12/30	"	"	10·65	"	50
25/12/30	"	"	10·63	"	46
27/12/30	"	"	10·56	"	46
29/12/30	"	"	10·53	"	41

P. Phillips,
Director, Hydrological Service.

Government Press
10825-1930-440 ex.

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 46m

" " sunset 17h 32m

From Observations taken at 8h. to-day.

Sunday 1st February, 1931 · ١٩٣١ الأحد أول فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1015.9	-7.6	-2.5	S	3	0	10.1	-0.7	-1.4	~~14~~	—	7	—	40	-34	0	51	60	4
	MATRUH	1017.2	-5.4	-1.0	W	2	0	6.7	-0.8	-4.3	18	0	5	-3	64	-13	0	164	115	1
	ALEXANDRIA	1018.6	-4.6	0.0	S	1	0	11.7	0.0	-1.1	20	+1	9	-2	69	-4	0	86	152	2
	PORT SAID	1018.2	-4.9	+1.3	SE	3	0	13.4	+2.5	+0.5	20	+1	10	-1	81	+5	0	52	52	2
	GAZA																			
	HAIFA	1017.9	-1.9	+2.4	SSE	2	0	14.0	+2.6	+1.0	17	-1	19	+1	70	+4	11	383	517	3
LOWER EGYPT	TANTA	1018.4	-5.1	—	NNW	1	0	7.0	-0.3	—	20	—	5	—	88		0	30		
	CAIRO EZBEKIYA	1017.6	-6.3	-1.4	—	0	0	6.0	-1.5	-3.7	19	-1	4	-3	82	+5	0	10	19	
	GIZA	1017.8	-6.1	-1.7	NNW	1	0	5.0	-1.9	—	18	-1	2	-4	95	—	0	12	17	
	HELWAN	1017.1	-6.7	-1.9	E	1	0	8.9	+0.3	-1.0	18	-1	6	-2	53	-13	0	12	19	
	SIWA	1016.2	-6.1	-3.0	—	0	0	2.5	+0.5	-6.0	—	—	1	-3	82	+13	0	35	4	
RED SEA	SUEZ	1016.8	-5.8	-1.5	N	2	0	10.0	0.0	-2.5	19	-1	8	-2	80	+7	0	10	17	2
	TOR	1016.7	-4.4	-1.0	NE	2	0	10.0	0.0	-2.7	20	-1	5	-4	80	+21	0	7	10	2
	HURGHADA	1016.7	-4.5	—	NW	5	1	12.3	-0.6	—	20	—	5	—	53	—	0	0		3
	QOSSEIR	1016.2	-3.4	—	WNW	4	0	17.0	0.0	—	21	—	13	—	57		0	15		3
UPPER EGYPT	OFBALI	1018.2	-6.4	-0.8	NW	1	0	5.0	-1.0	-4.1	19	-1	2	-3	81	+6	0	8		
	MINYA	1018.0	-6.0	—	NW	2	0	4.5	-2.5	-5.4	19	-1	2	-5	84	+6				
	ASYUT	1018.4	-5.8	-1.5	WSW	3	0	7.8	+1.3	-1.9	22	+1	4	-2	68	+1	0	0		
	QENA	1017.9	-4.9	—	NE	1	2	8.8	+2.1	-2.0	23	0	5	-2	51	-14				
	KHARGA	1017.2	-4.4	—	—	0	1	9.5	-1.0	—	23	—	1		49		0	0		
	ASWAN	1017.0	-3.7	-1.6	NE	1	1	12.0	+2.5	-0.7	25	0	9	-1	65	+14				
NILE VALLEY	WADI HALFA	1015.2	-3.2	-3.4	—	0	0	11.2	+1.2	-0.1	24	-1	8	0	50	+2				
	MEROWE																			
	ATBARA																			
	KHARTOUM	1011.9	-1.6	-1.9	NNE	1	0	20.1	+0.7	+2.2	31	+1	17	+2	40	+11	0	1	5	
SUDAN	PORT SUDAN																			
	KASSALA																			
	WAD MEDANI	1012.4	+1.2	-0.8	N	3	0	21.5	0.0	+1.1	36	+2	18	+3	46	+13	0	8	13	
	ROSEIRES																			
SOUTHERN SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind observations at Helwan at 8 45

Height (metres)	Km. per hour	Direction
500	5	SE
1000	20	SSW
1500	25	SW
2000	35	SSW
3000		

General Situation

The Mediterranean depression is slowly approaching and is now centred between Malta and Crete, and has deepened. Throughout Egypt the pressure is falling.

حالة الجو

إن الضغط الذي فوق البحر الأبيض يقبل ببطء وهو الآن بين مالطه وجزيرة كريت وقد ازداد عمقا والضغط آخذ في الهبوط فوق مصر عموما

Forecast for 24 hours from noon to-day.

Southerly winds, light inland, moderate on the coast.
Some high cloud, increasing.
Remaining cool.

تنبؤات الطقس للخمس والعشرين ساعة التالية من ظهر اليوم

رياح جنوبية خفيفة في الداخل ومعتدلة على الساحل
يتكاثر السحاب العالي
يستمر الطقس مائلا للبرودة

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	66	+1	10.6	-0.2
Ezbekiya	61	-5	8.6	-1.6
Giza	66	-3	8.0	—
Helwan	47	-9	7.9	-1.1

NOTE. A dash means that figures are not available

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" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
31-1	925	1322
30-1	927	1339

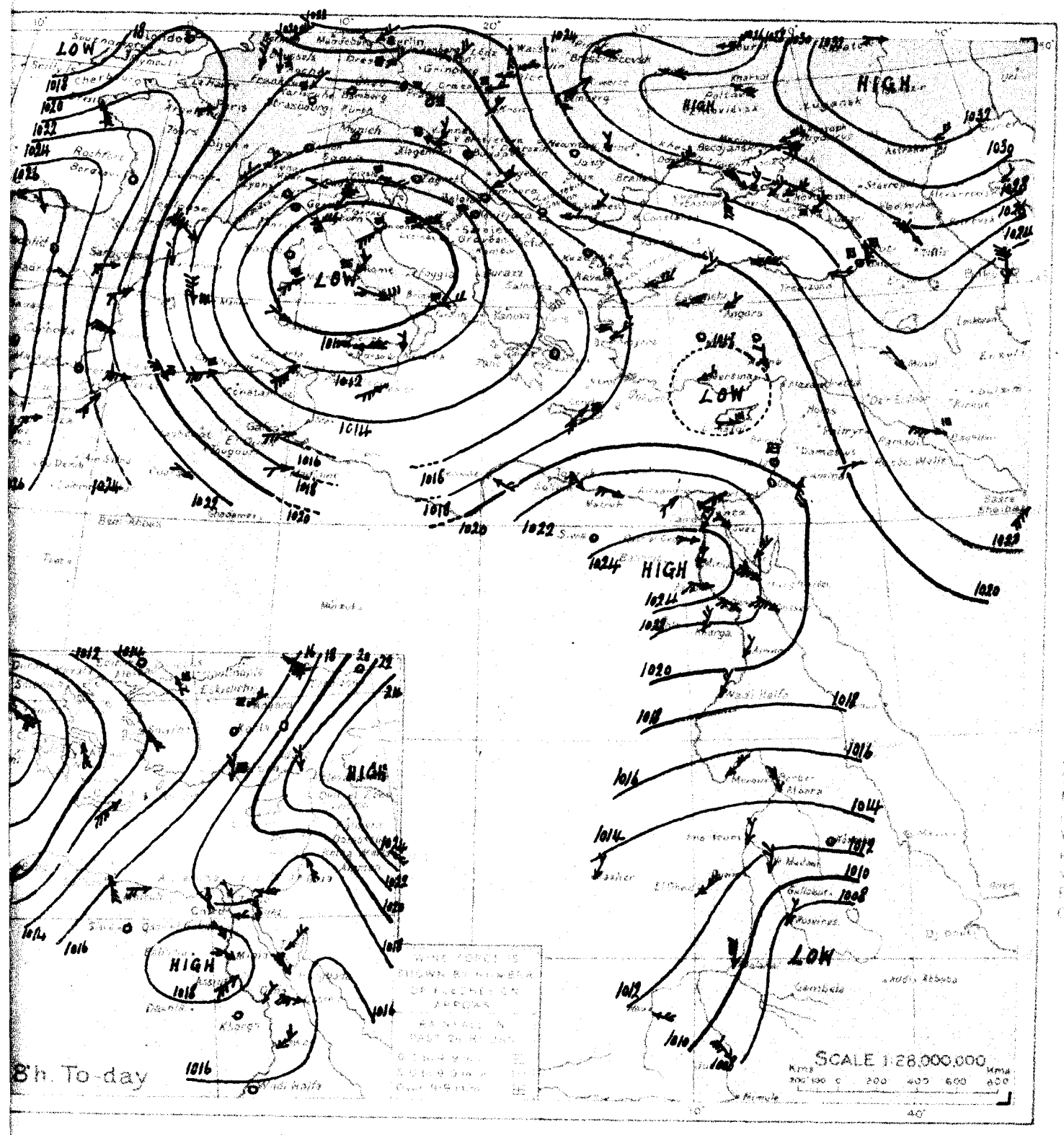
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	31-1	13.31	-0.02	13.32	-0.01
Nasser	31-1	5.17	-0.54	5.21	-0.55
Malakal	31-1	10.07	-0.72	10.08	-0.73
Roseires	31-1	11.74	-0.13	11.76	-0.12
Sennar Res.	31-1	20.70	—	20.70	—
Makwar	31-1	4.53	-1.07	4.54	-1.08
Khartoum	31-1	10.19	-0.66	10.22	-0.65
Kh. el Girba					
Atbara	31-1	10.00	-0.50	10.01	-0.51
Wadi Halfa	31-1	1.53	-0.77	1.58	-0.74
Aswan Res.	31-1	113.69	—	113.74	—
" D.S.	31-1	85.75	-0.36	85.75	-0.38
El Lelini	1-2	17.15	-0.81	17.18	-0.80
Roda (Cairo)	31-1	14.34	-0.56	14.34	-0.52

PRINTED AT THE SURVEY OF EGYPT (829(29/54)/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١-٣١. Barometer and Wind at 8 h. Yesterday 31.1.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
4 Clouded	4
Lowering	5
Slight haze	6
Slight fog	7
Misty fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Fair	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٣١-١-٣١. From Observations taken at 8 h yesterday 31.1.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Diff. from normal	BAROMETER Diff. from yesterday	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Diff. from normal	TEMPERATURE Diff. from yesterday	TEMPERATURE Maximum	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total since 1st Oct.	RAINFALL Normal from Oct. 1st	SEA
	mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1008.3	-2.1	-8.4	NE	2	3	4	0	—	13	—	3	—	80	—	3	—	400	—
MALTA	1012.9	-2.4	-3.8	WSW	3	2	11	-2	—	16	+1	9	-1	70	—	0	282	308	2
ATHENS	1014.2	-1.4	-4.0	—	0	5	9	+2	—	—	—	—	—	80	—	—	—	229	—
CANDIA	1017.5	+0.1	+0.4	SW	3	4	13	+2	—	19	+4	11	+2	—	—	drops	345	303	3
LIMASSOL	1018.7	+2.0	+1.9	W	1	2	12	+3		14	-3	8	+1	—	—	8	321	301	2
Atbara عطبرة	1014.4	-0.4	-0.2	N	3	0	19.5	-2.0	+0.5	34	+3	17	+3	51	+22	0	0	1	—
Kassala كسلا	1012.7	+3.3	+0.3	—	0	0	22.5	-1.5	+0.4	36	+2	16	0	51	-11	0	0	11	—
Roseires الروصيرص	1007.8	-1.7	-3.8	NNE	1	0	26.0	+1.0	+4.1	39	+3	21	+5	42	+3	0	33	37	—
El Fasher الفاشر	1013.0	-2.1	—	NNE	1	0	15.0	0.0	+0.1	33	+2	8	-2	25	-5	0	1	8	—
Malakal ملكال	1010.2	+0.8	-1.0	N	4	0	26.2	-1.8	+2.0	39	+3	21	+3	21	-1	0	103	93	—
Wau واو	1011.6	+1.6	+1.2	SE	2	1	25.0	+1.0	-1.2	37	+1	20	+2	28	-16	0	101	147	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 45

" " sunset 17 33

From Observations taken at 8h. to-day.

Monday 2nd February, 1931 — ١٩٣١ الاثنين ٢ فبراير

STATION	Barometer: Reduced to Sea Level (m.b)	Barometer: Change in past 24 hours (m.b)	Barometer: Diff. from normal (m.b)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Yesterday (m.m)	Rainfall: To 8 h. to-day (m.m)	Rainfall: Since 1st Oct. (m.m)	Sea
MEDITERRANEAN																			
SOLLUM																			
MATRUH	1013.1	-4.1	-5.1	WSW	4	0	8.4	+1.7	-2.7	[illegible]	0	6	-2	71	-6	0	164	116	3
ALEXANDRIA	1013.6	-5.0	-4.9	SSW	2	[illegible]	11.7	0.0	-1.1	20	+1	10	-1	67	-6	0	86	153	3
PORT SAID	1012.8	-5.4	-4.0	W	3	0	11.4	-2.0	-1.5	17	-2	9	-2	63	-13	0	52	52	2
GAZA	—	—	—	SW	1	0	11.8	+1.4	+0.3	22	+4	8	0	58	-18	0	140	270	
HAIFA	1012.0	-5.9	-3.5	SSE	2	0	13.9	-0.1	+0.8	17	-1	9	+1	60	-6	0	383	520	3
DELTA & LOWER EGYPT																			
TANTA	1011.0	—		SW	1	0	7.8	+0.8		21		5		68		0	30		
ZAGAZIG	1015.1	-2.5	-3.8	SE	1	0	9.0	+3.0	-0.8	21	+1	5	-2	48	-29	0	10	19	
GIZA	1015.0	-2.8	-4.4	SE	2	0	9.1	+4.1	—	21	+1	4	-2	47	—	0	12	17	
HELWAN	1015.0	-2.1	-4.0	SE	2	0	9.3	+0.4	-0.6	19	0	7	-1	37	-29	0	12	19	
SIWA	1015.2	-1.0	-4.0	—	0	0	6.2	+3.7	-2.4	—	—	2	-2	66	-3	0	35	4	
RED SEA																			
SUEZ	1012.7	-4.1	-5.6	S	1	0	16.0	+6.0	+3.5	20	0	9	-1	41	-32	0	10	17	1
TOR	1014.3	-2.4	-3.3	NE	2	1	12.0	+2.0	-0.8	22	+1	7	-2	66	+7	0	7	10	2
HURGHADA	1015.0	-1.7		NW	5	0	12.9	+0.6		21		7		68		0	0		3
QUSSEIR	1014.3	-1.9		W	4	0	19.1	+2.1		23		14?		28		0	15		2
UPPER EGYPT																			
GEBAL	1016.4	-1.8	-2.6	SW	1	0	3.8	-1.2	-5.3	20	0	2	-3	78	+3	0	8		
MINIA	1017.2	-0.8		ENE	2	0	7.8	+3.3	-2.1	21	+1	3	-4	64	-13				
ASSIUT	1017.1	-1.3	-2.8	WSW	2	2	7.5	-0.3	-2.3	20	-1	5	-1	60	-7	0	0		
QENA	1016.6	-1.3		NNE	1	2	8.6	-0.2	-2.2	21	-2	4	-3	68	+3				
KHARGA	1016.4	-0.8		NW	1	1	9.6	+0.1		25		4		40		0	0		
ASWAN	1015.5	-1.5	-3.0	—	0	3	14.0	+2.0	+1.3	25	0	10	0	52	+1				
NUBIA & SOUDAN																			
WADI HALFA	1014.6	-0.6	-4.0	—	0	2	13.8	+2.6	+2.5	26	+1	11	+3	60	+12				
MEROWE																			
ATBARA																			
KHARTOUM	1011.6	-0.3	-2.2	NNE	1	0	19.5	-0.6	+1.6	34	+4	17	+2	35	+7	0	1	5	
UPPER SUDAN																			
KASSALA																			
[illegible]																			
[illegible]																			
[illegible]																			
[illegible]	1010.2	-2.8		NNW	1	0	19.0	+3.0	+4.0	37	+6	11	+1	58	+28	0	1	8	
[illegible]	1010.0	-0.4	-1.6	NNE	2	3	27.0	+0.3	+2.7	39	+3	22	+4	22	+1	0	103	93	

General Diagram

Date	Hour	Pressure
8 45		

Hours	Speed	Direction
500	15	WSW
1000	35	WSW
1500	50	SW
2000	65	WSW
3000		

General Forecast

The depression is now situated over southern Greece and pressure over Egypt and the eastern Mediterranean continues to fall.

بقع الانخفاض الآن في جنوب اليونان والضغط على مصر وشرق البحر الابيض يستمر في الهبوط

Forecast for 24 hours from noon to-day.

On the coast moderate southwesterly winds, freshening. Inland moderate south to southwest winds. Some high cloud, increasing. Light rain probable in the north tomorrow. Remaining cool.

تصريح الطقس لمدة ٢٤ ساعة من ظهر اليوم

على الساحل رياح معتدلة جنوبية غربية تنشط فيما بعد وفي الداخل رياح معتدلة بين الجنوب والجنوب الغربي تنشر بعض السحب المرتفعة وتزداد ويحتمل أن تمطر غدا في الشمال ويستمر الطقس باردا

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Net Rad. Temperature Mean of Day: Yesterday (°C)	Net Rad. Temperature Mean of Day: Diff. from normal (°C)
Alexandria	59	-6	11.1	+0.2
Ezbekiya	61	-4	8.5	-1.8
Giza	66	-1	8.2	—
Helwan	41	-14	7.9	-1.2

NOTE A dash means that figures are not available

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Remarks

Malakal River Gauge

Reading for 12-1-31 published on 13 & 14-1-31 should read 10.29 instead of 10.20 M.

صحة قراءة النيل بملكال يوم ١٢/١/٣١ المنشورة في ١٣/١/٣١ و ١٤/١/٣١ هي ١٠٫٢٩ بدلا من ١٠٫٢٠ مترا

Discharge at Aswan measured by sluices m³ per sec. DATE	1931	1930
1-2	924	1306
31-1	925	1322

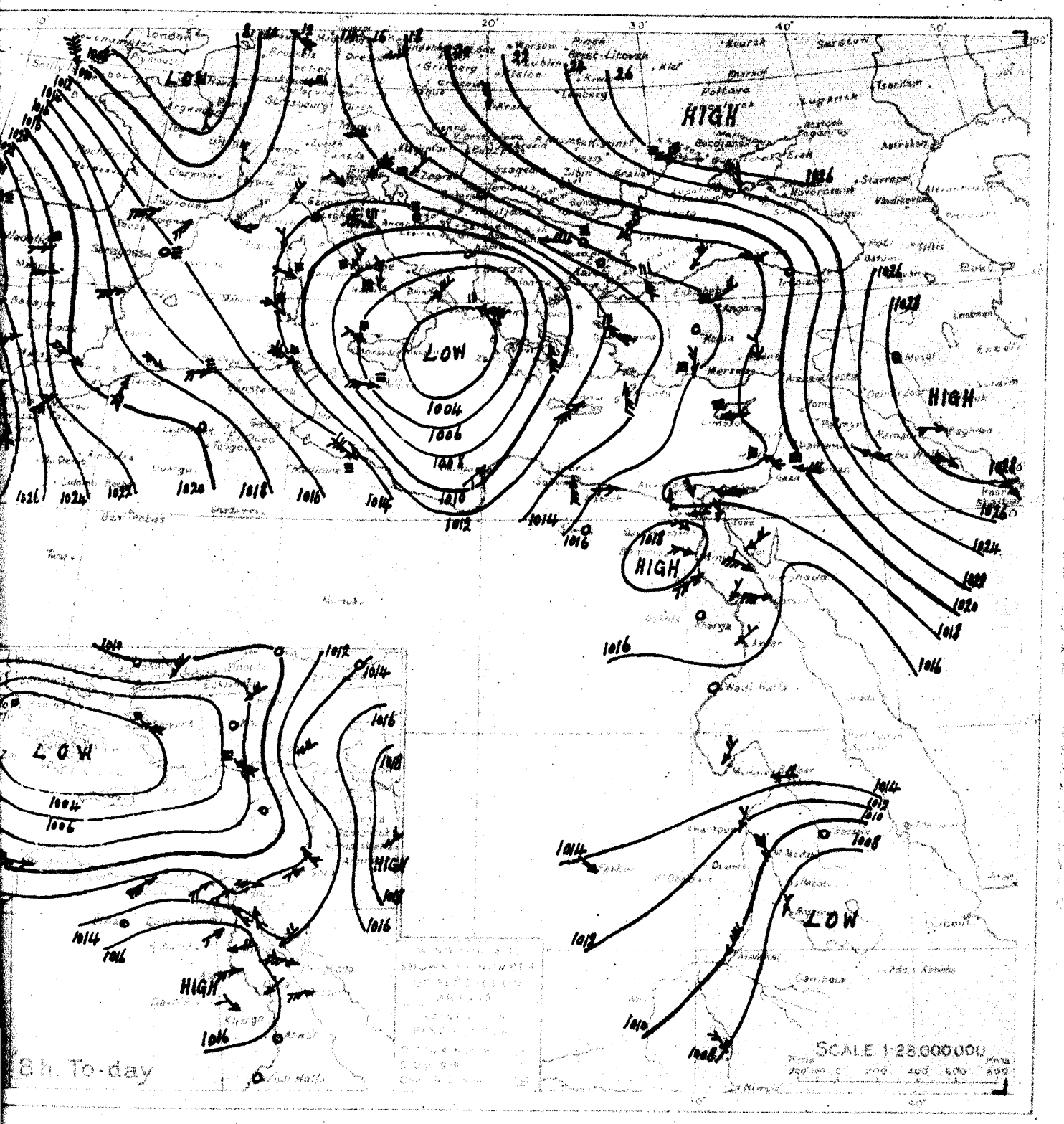
Gauge	Date 1931	Reading (m)	Diff. from normal (m)	Previous day Reading (m)	Previous day Diff. from normal (m)
Juba	1-2	13.30	-0.02	13.31	-0.02
Nasser	31-1	5.17	-0.54	5.21	-0.55
Malakal	1-2	10.06	-0.70	10.07	-0.72
Roseires	2-2	11.71	-0.14	11.72	-0.14
Sennar Res.	31-1	20.70	—	20.70	—
Makwar	31-1	4.53	-1.07	4.54	-1.08
Khartoum	2-2	10.17	-0.64	10.18	-0.65
Kh. el Girnaï					
Atbara	1-2	9.98	-0.50	10.00	-0.50
Wadi Halfa	1-2	1.51	-0.77	1.53	-0.77
Aswan Res.	1-2	113.66	—	113.69	—
" D.S.	1-2	85.74	-0.35	85.75	-0.36
El Leithi	1-2	17.15	-0.81	17.18	-0.80
Roda (Cairo)	1-2	14.32	-0.63	14.34	-0.56

PRINTED AT THE SURVEY OF EGYPT 1929(29/569/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١-٢-٣١ Barometer and Wind at 8 h. Yesterday 1.2.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١-٢-٣١ From Observations taken at 8 h. yesterday 1.2.31.

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.4	+0.1	-8.2	NE	2	4	6	+2	—	13	—	4	—	70	—	5	—	403	—
	MALTA	1005.4	-7.5	-11.2	WNW	4	3	9	-2	—	15	0	8	-2	70	—	3	285	310	2
	ATHENS	1008.8	-5.4	-9.4	S	3	4	13	+4	—	—	—	—	—	60	—	—	—	231	—
	CANDIA	1012.2	-5.3	-4.9	SW	4	2	14	+1	—	19	+4	11	+2	—	—	0	345	306	3
	LIMASSOL	1017.2	-1.5	+0.4	ESE	1	1	16	+4		17	0	7	0	—	—	trace	321	304	2
EGYPT and SUDAN	Merowe	1015.2	-0.3	-1.1	NE	2	0	17.1	0.0	+0.3	31	+1	13	+1	36	+4	0	0	1	—
	Atbara	1014.4	0.0	-0.1	E	2	0	20.5	+1.0	+1.5	32	+1	15	+1	41	+13	0	0	1	—
	Kassala	1009.5	-3.2	-2.8	—	0	0	23.0	+0.5	+0.9	36	+2	16	0	41	-19	0	0	11	—
	Roseires	1007.5	-0.3	-4.0	NNE	1	0	24.0	-2.0	+2.0	40	+4	19	+3	46	+7	0	33	37	—
	El Fasher	1013.0	0.0	—	NW	1	0	16.0	+1.0	+1.0	35	+4	8	-2	41	+11	0	1	8	—
	Malakal	1010.4	+0.2	-0.8	NNE	4	1	26.7	+0.5	+2.4	38	+2	21	+3	25	+3	0	103	93	—
	Juba	—	—	—	NNW	5	3	27.0	+1.0	—	40	—	—	—	52	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 44m

" " sunset 17h 34m

From Observations taken at 8h. to-day.

Tuesday 3rd February, 1931 — الثلاثاء ٣ فبراير ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Highest yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Lowest last night	TEMPERATURE Diff. from normal	HUMIDITY At 8h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Since 1st Oct. last year	RAINFALL Normal to 1st Oct.	SEA
		mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.4	-0.6	-7.0	WNW	4	0	7.6	-1.3	-3.9	16	—	7	—	67	-7	0	51	62	5
	MATRUH	1012.2	-0.9	-6.0	WSW	2	1	8.8	+0.4	-2.3	18	0	6	-2	60	-17	0	164	117	4
	ALEXANDRIA	1012.3	-1.3	-6.2	SW	2	0	9.4	-2.3	-3.4	17	-2	7	-4	42	-31	0	86	154	3
	PORT SAID	1012.7	-0.1	-4.1	SW	3	6	10.5	-0.9	-2.4	20	+1	8	-3	53	-23	0	52	53	3
	GAZA	—	—	—	S	1	3	10.6	-1.2	-1.0	18	0	6	-2	57	-18	0	140	272	
	HAIFA	1010.0	-2.0	-5.5	—	0	4	13.2	-0.7	+0.1	17	-1	9	+1	59	-7	0	383	523	2
LOWER EGYPT	TANTA	1013.6	—	—	S	1	0	6.4	-1.4		19	—	3		55		0	30	—	
	EZBEKIYA	1013.9	-1.2	-5.0	SSE	3	0	8.5	-0.5	-1.3	20	0	7	0	41	-36	0	10	19	
	GIZA	1013.6	-1.4	-5.8	SE	2	0	7.6	-1.5	—	19	-1	6	0	50	—	0	12	17	
	HELWAN	1014.0	-1.0	-4.9	SSE	2	0	8.8	-0.5	-1.1	19	0	7	-1	31	-35	0	12	19	
	SIWA	1013.6	-1.6	-5.5	—	0	0	5.1	-1.1	-3.5	—	—	3	-1	75	+6	0	35	4	
RED SEA	SUEZ	1013.3	+0.6	-4.9	S	3	0	15.0	-1.0	+2.5	21	+1	7	-3	30	-43	0	10	17	2
	TOR	1013.3	-1.0	-4.3	NE	2	0	13.6	+1.6	+0.8	24	+3	8	-1	61	+2	0	7	10	2
	HURGHADA	1013.9	-1.1	—	NNW	5	1	15.7	+2.8	—	24	—	9		85		0	0		3
	QOSSEIR	1014.0	-0.3	—	NW	3	0	19.1	0.0	—	24	—	16	—	25		0	15		2
UPPER EGYPT	DESALI																			
	MINIA	1015.9	-1.3	—	WSW	2	0	8.5	+0.7	-1.4	20	-1	4	-3	54	-23				
	ASYUT	1017.1	0.0	-2.7	W	2	0	9.5	+2.0	-0.3	20	-1	5	-1	50	-17	0	0		
	QENA	1015.9	-0.7	—	NW	2	0	11.0	+2.4	+0.1	25	+1	8	+1	52	-13				
	KHARGA	1016.3	-0.1	—	NNW	1	0	12.0	+2.4	—	24	—	6		33		0	0		
	ASWAN	1015.0	-0.5	-3.5	NNE	2	3	16.0	+2.0	+3.2	25	0	14	+4	24	-26				
	WADI HALFA	1013.3	-1.3	-5.2	NNE	1	2	15.4	+1.6	+4.0	26	+1	14	+6	34	-14				
	ABU HAMED																			
	ATBARA																			
	KHARTOUM	1009.9	-1.7	-3.8	N	1	0	20.0	+0.5	+2.0	34	+4	18	+3	24	-4	0	1	5	
	KOSTI																			
	MALAKAL	1010.6	+0.6	-2.5	N	2	1	21.8	-3.2	+1.4	38	+4	16	+1	33	+1	0	8	13	
	WAU																			
	LOKOJA																			
	JUBA	1009.5	+1.1	-5.9	N	2	0	19.0	-4.7	+1.3	33	+2	10	-1	34	+5	0	17	19	
	MASSAUA	1008.8	-1.2	-2.3	NE	2	3	27.5	+0.5	+3.2	39	+3	21	+3	21	0	0	103	93	

General Synopsis

8 15

The depression is situated at the entrance of the Adriatic and appears to be filling up. There is a shallow depression over Syria. Pressure over Egypt and the eastern Mediterranean remains low.

يوجد الانخفاض الآن عند مدخل الأدرياتيك ويظهر أنه آخذ في الامتلاء وهناك انخفاض قريب الغور فوق سوريا ولا يزال الضغط منخفضا فوق مصر وشرق البحر الأبيض

500	25	SSW
1000	45	WSW
1500	45	W
2000		
2500		

Forecast for 24 hours from noon to-day.

Moderate to fresh winds southerly inland, southwest to west on the coast.
Light rain probable on the coast.
Mainly clear.
Remaining cool.

رياح بين المعتدلة والنشيطة جنوبية في الداخل وبين غربية وجنوبية غربية على الساحل
يحتمل تساقط مطر خفيف على الساحل
السماء صحو على العموم ويستمر الطقس باردا

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	53	-12	9.6	-1.3
Ezbekiya	42	-23	7.5	-2.8
Giza	42	-25	7.3	—
Helwan	32	-23	6.6	-2.5

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Nassef River Gauge
Reading for 30-12-30
published on 1-1-31
should read 6.18
instead of 6.22 M.

صحة قراءة النيلومتر
الناصر يوم ٣٠/١٢/٣٠
المذكورة بتقرير يوم ١/١/٣١
هي ٦٫١٨ بدلا من ٦٫٢٢ مترا

Discharges at Sennar measured by Sudan m3 per sec

DATE	1931	1930
2-2	925	1317
1-2	924	1306

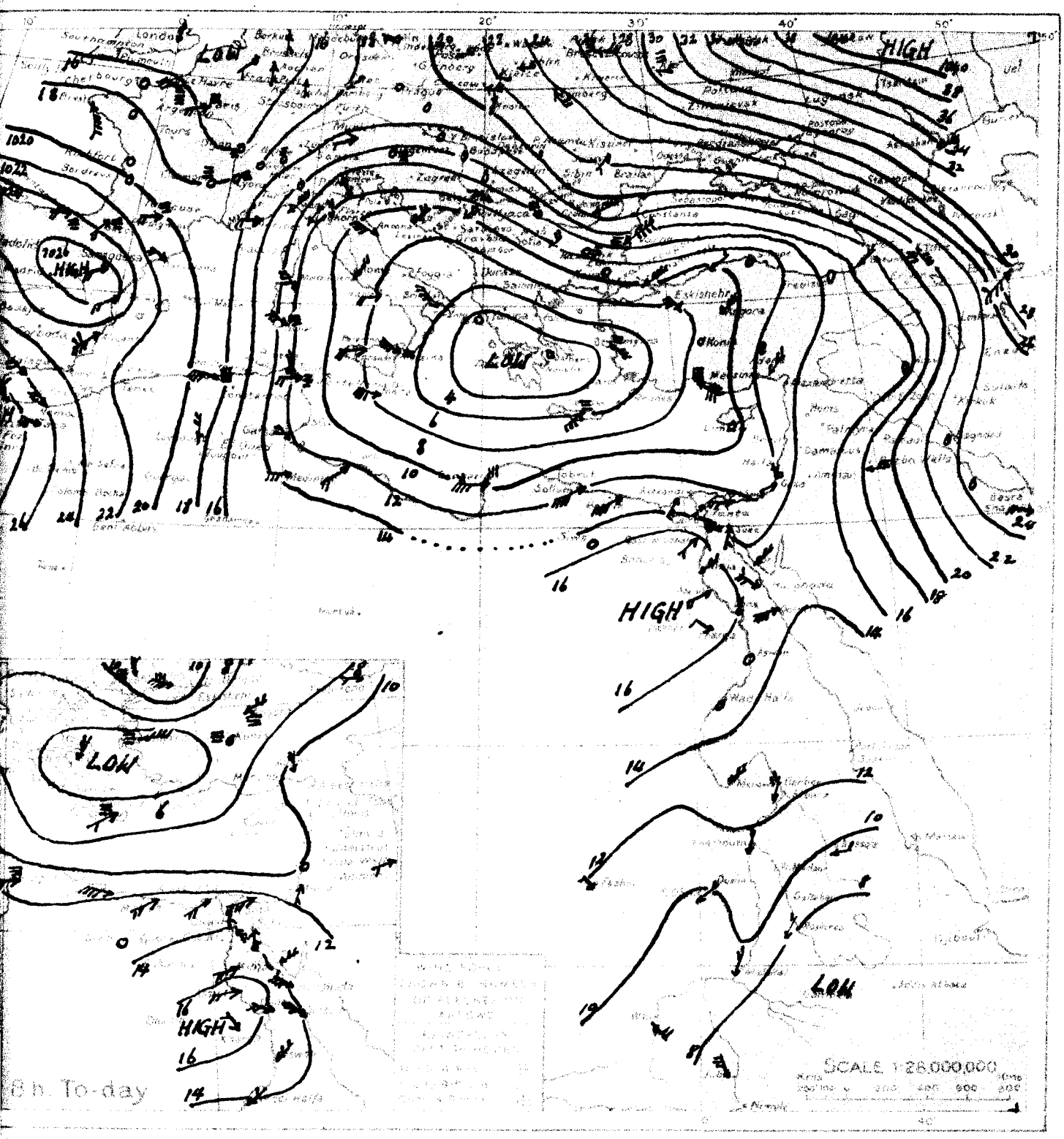
GAUGE	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
		m	m	m	m
Juba	2-2	13.29	-0.02	13.30	-0.02
Nassef	1-2	5.19	-0.46	5.17	-0.54
Malakal	2-2	10.05	-0.69	10.06	-0.70
Roseires	3-2	11.69	-0.15	11.71	-0.14
Sennar Res.	2-2	20.70	—	20.70	—
Makwar	2-2	4.55	-1.03	4.52	-1.07
Khartoum	2-2	10.17	-0.64	10.18	-0.65
Kh. el Giroa					
Atbara	2-2	9.96	-0.51	9.98	-0.50
Wadi Halfa	3-2	1.48	-0.76	1.50	-0.76
Aswan Res.	2-2	113.62	—	113.66	—
" D.S.	2-2	85.73	-0.34	85.74	-0.35
El Leithi	3-2	17.13	-0.79	17.14	-0.80
Roda (Cairo)	2-2	14.39	-0.62	14.32	-0.63

PRINTED AT THE SURVEY OF EGYPT 1930(29/5/69/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

٢١ . ٢ . ٢ Barometer and Wind at 8 h Yesterday 2. 2. 31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ . ٢ . ٢ From Observations taken at 8 h. yesterday 2.2.31

	STATION	BAROMETER Reduced at Sea Level	BAROMETER Diff. from normal	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Diff. from normal	TEMPERATURE Diff. from normal	TEMPERATURE Max. of yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.0	+0.6	-7.6	NE	2	1	4	-2	—	12	—	3	—	70	—	—	—	405	—
	MALTA	1007.9	+2.5	-8.5	WNW	4	3	9	0	—	12	-3	9	-1	70	—	1	286	312	2
	ATHENS	—	—	—	—	0	4	8	-5	—	—	—	—		90	—	—	—	232	—
	CANDIA	1005.0	-7.2	-12.1	SW	3	2	12	-2	—	17	+2	8	-1	—	—	3	348	309	3
	LIMASSOL	1009.1	-8.1	-7.6	—	0	2	16	0		19	+2	11	+4	—	—	0	321	307	1
EGYPT and SUDAN	Sollum	1012.0	-3.9	-6.4	WSW	4	0	8.9	-1.2	-2.6	15	—	7	—	71	-3	0	51	61	6
	Merowe	1012.4	-2.8	-3.9	NE	2	1	19.6	+2.5	+2.6	33	+3	15	+3	29	-3	0	0	1	—
	Atbara	1013.4	-1.0	-1.1	N	2	0	22.5	+2.0	+3.5	34	+3	17	+3	44	+16	0	0	1	—
	Kassa	1009.5	0.0	-2.8	E	1	0	25.0	+2.0	+2.9	36	+2	16	0	51	-9	0	0	11	—
	Wad Medani	1010.0	—	-3.2	—	3	1	25.0	+3.5	+4.6	38	+4	19	+4	25	-7	0	8	13	—
	Rosseires	1006.2	-1.3	-5.3	NNE	1	0	29.0	+5.0	+7.0	40	+4	22	+6	40	+1	0	33	37	—
	El Obeid	1008.4	-4.9	-7.0	NE	2	0	23.7	+4.4	+6.0	31	0	17	+6	61	+32	0	17	19	—
	Wau	1009.6	-1.5	-0.8	SE	2	1	26.0	+1.0	-0.3	38	+2	20	+2	64	+20	0	101	147	—
	Juba	—	—	—	NW	3	2	27.5	+0.5	—	37	—	—	—	50	—	0	75	142	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WI

CAIRO, to-morrow

Time of sunrise 06 44

" " sunset 17 35

From Observations taken at 8 h. to-day.

Wednesday 4th February, 1931 ١٩٣١ الاربعاء ٤ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.6	+2.2	-4.7	N	3	0	8.4	+0.8	-3.1	[illegible]		7		79	+5	0	51	62	4
	MATRUH	1013.9	+1.7	-4.3	NSW	4	1	9.8	+1.0	-1.4	19	+1	8	0	76	-1	0	164	118	3
	ALEXANDRIA	1014.4	+2.1	-4.0	SW	1	0	10.6	+1.2	-2.2	18	-1	8	-3	65	-7	0	66	154	3
	PORT SAID	1014.6	+1.9	-2.2	WSW	3	0	11.6	+1.1	-1.3	19	0	9	-2	66	-20	0	52	53	3
	GAZA	—	—	—	SW	2	2	8.9	-1.7	-2.7	18	0	6	-2	59	-16	0	140	275	
	HAIFA	1011.6	+1.6	-3.9	—	0	4	13.5	+0.3	+0.3	15	-3	8	0	63	-2	10	393	526	3
LOWER EGYPT	TANTA	1015.1	+1.5		SW	2	0	7.9	+1.5		19		5		60		0	30		
	EZBEKIYA	1015.8	+1.9	-3.0	SSE	3	0	9.3	+0.8	-0.5	20	0	7	-1	45	-32	0	10	19	
	GIZA	1016.2	+2.6	-3.2	SE	2	0	9.1	+1.5	—	19	-1	7	+1	50	—	0	12	17	
	HELWAN	1016.8	+2.8	-2.1	SSE	3	0	9.1	+0.3	-0.9	18	-1	8	0	41	-25	0	12	20	
	SIWA	1015.9	+2.3	-3.1	—	0	0	7.5	+2.4	-1.2	—	—	5	+1	72	+3	0	35	4	
RED SEA	SUEZ	1014.8	+1.5	-3.4	S	1	0	13.0	-2.0	+0.4	21	+1	9	-1	55	-18	0	10	17	0
	TOR	1016.2	+2.9	-1.3	NE	1	2	12.1	-1.5	-0.8	21	0	6	-3	75	+16	0	7	10	1
	HURGHADA	1016.6	+2.1		NW	5	1	15.1	-0.6		21		9		80	—	0	0		3
	QOSSEIR	1016.3	+2.3		WNW	5	1	17.0	-2.1		24		13		26		0	15		4
UPPER EGYPT	SOHAG	1017.5	—	-1.5	S	1	0	5.6	—	-3.6	20	0	2	-3	75	0	0	8		
	MINIA	1018.0	+2.1		WNW	2	0	8.5	0.0	-1.4	20	-1	4	-3	56	-21				
	ASSIUT	1018.2	+1.1	-1.6	NNE	2	3	7.2	-2.3	-2.7	20	-1	7	+1	61	-5	0	0		
	QENA	1018.0	+2.1		NW	2	3	9.3	-1.7	-1.7	24	0	5	-2	51	-13				
	KHARGA	1018.0	+1.7		—	0	4	8.4	-3.6		22		4		42		0	0		
	ASWAN	1016.2	+3.2	-0.2	—	0	0	11.3	-4.7	-1.5	24	-1	8	-2	38	-12				
SUDAN	WADI HALFA	1016.0	+2.7	-2.5	NNE	1	0	12.0	-3.4	+0.6	25	0	9	+1	39	-8				
	SEROWE	1012.4	+1.8	-3.8	NE	2	0	18.1	-1.5	+1.3	32	+2	14	+2	20	-11	0	0	1	
	ATBARA																			
	KHARTOUM	1010.3	+0.4	-3.4	NNE	1	0	20.0	0.0	+2.0	34	+3	18	+3	21	-7	0	1	5	
	KOR. ADA																			
	ROSEIRES																			
	SENNAR																			
	EL FASHER																			
	EL OBEID																			
	KASSALA																			
	MALAKAL																			
	JUBA																			

Upper Wind Observations

Helwan at 8 30

Height in Metres	Speed in Knots	Direction
500	20	SW
1000	45	WSW
1500	55	WSW
2000	65	WSW
3000		

General Situation

The depression has moved eastwards and is now situated north of Cyprus. The whole of the Mediterranean is an area of low pressure, with shallow depressions west of Sardinia and near the entrance of the Adriatic.

تركز الانخفاض نحو الشرق ويقع الآن على شمال قبرص وعموماً البحر الأبيض المتوسط بأكمله منطقة من الضغط المنخفض حيث يوجد انخفاضان آخران ضحلان أحدهما غرب سردينيا والآخر على مدخل الادرياتيك .

Forecast for 24 hours from noon to-day.

Moderate to fresh winds, westerly on the coast, between south and west inland. Some low cloud, increasing. Possibility of light rain near the coast. Remaining cool.

تنبؤات [illegible] من اليوم [illegible]

رياح بين المعتدلة والشديدة غربية على الساحل وما بين الجنوب والغرب في الداخل . تظهر بعض السحب المنخفضة ويكثر . ويحتمل ان تمطر خفيفا بالقرب من الساحل ويبقى الطقس باردا .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wind Pressure Temperature Mean of Day: Yesterday	Wind Pressure Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	50	-15	9.6	-1.1
Ezbekiya	44	-21	7.6	-2.7
Giza	49	-18	7.0	—
Helwan	31	-24	6.5	-2.6

NOTE A dash means that figures are not available

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" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by studies in m³ per sec.	DATE	1931	1930
	3.2	925	1307
	2.2	925	1317

GAUGE	Date	Reading	Diff. from normal	Previous Day: Reading	Previous Day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	3.2	13.70	-0.01	13.29	-0.02
Nasser	2.2	5.17	-0.46	5.19	-0.46
Malakal	3.2	10.04	-0.66	10.05	-0.69
Roseires	4.2	11.57	-0.14	11.69	-0.15
Sennar Res.	2.2	20.70	—	20.70	—
Makwar	2.2	4.55	-1.03	4.52	-1.07
Khartoum	3.2	10.16	-0.63	10.17	-0.64
Kh. el Girba					
Atbara	3.2	9.95	-0.51	9.96	-0.51
Wadi Halfa	3.2	1.48	-0.76	1.50	-0.76
Aswan Res.	3.2	113.54	—	113.62	—
" D.S.	3.2	85.73	-0.32	85.73	-0.34
El Leithi	4.2	17.13	-0.77	17.13	-0.79
Roda (Cairo)	3.2	14.63	-0.44	14.39	-0.62

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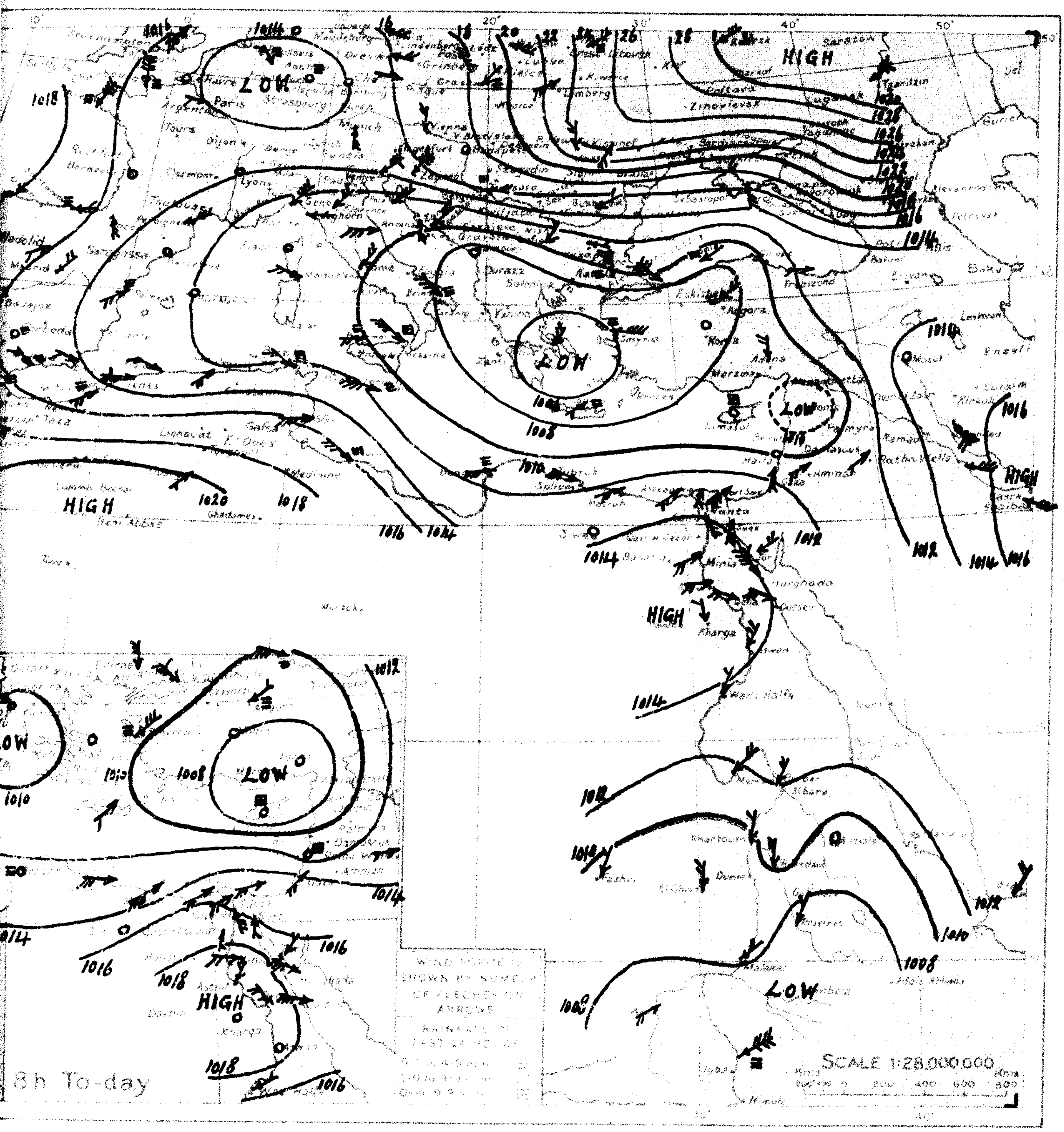
PHYSICAL DEPARTMENT.

REPORT.

٣-٢-٣١. Barometer and Wind at 8 h Yesterday 3.2.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣-٢-٣١. From Observations taken at 8 h yesterday 3.2.31.

	STATION	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h	Diff. from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1010.3	+1.3	-6.3	NE	2	0	3	-1	—	11	—	2	—	70	—	—	—	408	—
	MALTA	1010.4	+2.5	-5.9	WNN	4	1	9	0	—	13	-2	8	-2	60	—	1	287	314	2
	ATHENS	1004.7	—	-13.3	NNE	2	4	7	-1	—	—	—	—	—	70	—	—	—	234	—
	CANDIA	1006.6	+1.6	-10.5	SW	1	4	11	-1	—	19	+4	8	-1	—	—	drops	348	311	2
	LIMASSOL	1008.4	-0.7	-8.3	—	0	5	9	-7		18	+1	8	+1	—	—	16	337	310	1
EGYPT and SUDAN	Merowe مروي	1010.6	-1.8	-5.6	NE	2	0	19.6	0.0	+2.8	34	+4	15	+3	22	-10	0	0	1	—
	Atbara عطبرة	1012.0	-1.4	-2.4	NNE	2	0	23.0	+0.5	+4.0	35	+4	17	+3	38	+10	0	0	1	—
	Kassala كسلا	1009.3	-0.2	-3.0	—	0	0	20.0	-5.0	-2.2	37	+2	18	+2	36	-24	0	0	11	—
	Roseires الروصيرص	1008.3	+0.6	-4.6	NNE	1	0	29.0	0.0	+7.0	40	+4	19	+3	46	+7	0	33	37	—
	El Fasher الفاشر	1009.0	-1.2	—	NNE	1	0	17.5	-1.5	+2.5	36	+5	12	+2	44	+14	0		8	—
	Wau واو	1007.8	-1.8	-2.5	SW	2	1	27.0	+1.0	+0.6	40	+4	23	+5	60	+17	0	101	148	—
	Juba جوبا	—	—	—	NE	7	0	27.5	0.0	—	41	—	—	—	57	—	trace	75	143	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 43m

" " sunset 17h 36m

From Observations taken at 8h. to-day.

Thursday 5th February, 1931 — ١٩٣١ الخميس ٥ فبراير

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1014.6	+1.0	-3.7	WNW	2	1	9.2	+0.8	-2.4	[illegible]	—	8	—	95	+21	0	51	63	4
	MATRUH	1015.8	+1.9	-2.3	SW	3	3	9.8	0.0	-1.4	17	-1	9	+1	48	-28	0	164	119	3
	ALEXANDRIA	1016.6	+2.2	-1.8	SSW	1	2	10.8	+0.2	-2.0	18	-1	9	-2	69	-3	1	87	155	3
	PORT SAID	1016.4	+1.8	-0.3	WSW	3	2	11.9	+0.3	-1.0	20	+1	10	-1	76	0	0	52	54	3
	GAZA	—	—	—	S	1	0	12.1	+3.2	+0.4	18	0	8	0	67	-8	0	140	278	—
	HAIFA	1013.6	+2.0	-1.8	—	0	3	12.7	-0.8	-0.5	15	-3	8	0	63	-2	46	439	529	2
LOWER EGYPT	TANTA	1017.1	+2.0	—	SE	1	4	7.6	-0.3	—	20	—	5	—	70	—	0	30	—	—
	CAIRO EZBEKIYA	1017.6	+1.8	-1.2	SSE	1	3	10.6	+1.3	+0.7	21	+1	8	0	52	-25	0	10	20	—
	CAIRO GIZA	1017.9	+1.7	-1.4	SE	1	3	10.0	+0.9	—	20	0	6	0	62	—	0	12	18	—
	CAIRO HELWAN	1017.9	+1.1	-0.9	SE	2	2	10.8	+1.7	+0.8	19	0	8	0	46	-20	0	12	20	—
	SIWA	1015.9	0.0	-3.1	—	0	2	8.2	+0.7	-0.5	—	—	6	+2	70	+1	0	35	4	—
RED SEA	SUEZ	1016.3	+1.5	-1.9	N	1	1	10.5	-2.5	-2.1	21	+1	8	-2	67	-5	0	10	17	0
	TOR	1016.0	-0.2	-1.5	N	2	3	15.0	+2.9	+2.0	21	0	7	-2	74	+15	0	7	10	2
	HURGHADA	1016.4	+0.4	—	NNW	5	1	12.5	-2.6	—	21	—	7	—	49	—	0	0		3
	QOSSEIR	1016.2	-0.1	—	WNW	5	0	17.1	+0.1	—	22	—	12	—	29	—	0	15	—	5
UPPER EGYPT	GEBALI	1018.4	+0.9	-0.5	SW	1	0	5.0	-0.6	-4.3	21	+1	2	-3	76	+2	0	8	—	—
	MINYA	1018.7	+0.7	—	NNE	2	0	8.5	0.0	-1.4	20	-1	4	-3	56	-21	—	—	—	—
	ASYUT	1018.4	+0.2	-1.4	SW	2	2	9.6	+2.4	-0.3	20	-1	5	-1	50	-16	0	0	—	—
	QENA	1017.4	-0.6	—	N	2	2	9.7	+0.4	-1.4	22	-2	5	-2	36	-28	—	—	—	—
	KHARGA	1016.8	-1.2	—	—	0	0	10.8	+2.4	—	24	—	5	—	41	—	0	0	—	—
	ASWAN	1016.7	-1.5	-1.7	—	0	2	11.7	+0.4	-1.2	22	-3	8	-2	40	-10	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.1	-0.9	-3.4	—	0	0	11.4	-0.6	-0.1	23	-2	9	+1	37	-10	—	—	—	—
	MEROWE	1013.0	+0.6	-3.1	NE	3	0	17.6	-0.5	+0.8	31	+1	12	0	15	-16	0	0	1	—
	ATBARA																			—
	KHARTOUM	1010.3	0.0	-3.4	NNE	1	0	19.7	-0.3	+1.7	35	+4	17	+2	16	-11	0	1	5	—
EAST SUDAN	PORT SUDAN				N															
	KASSALA	1008.2	0.0	-4.0	WSW	3	0	24.0	-1.5	+1.8	37	+2	20	+4	60	0	0	0	11	—
	WAD MEDANI																			—
	ROSEIRES	1005.6	-1.0	-5.8	NNE	1	0	26.5	+1.5	+4.4	41	+5	18	+2	40	+2	0	33	37	—
SOUTH SUDAN	EL FASHER	1009.3	+2.2	—	NNW	1	1	18.5	-0.5	+3.4	37	+6	13	+3	—	—	0	1	8	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 8 15

Height (metres)	Kms an hour	Direction
500	10	W
1000	25	NW
1500	20	NW
2000	20	WNW
3000	40	W

General Situation

The depression is now situated over Asia Minor and is filling up. Pressure has risen over Egypt and the eastern Mediterranean but another depression which is now near Tripoli is approaching.

الحالة العمومية

يوجد الانخفاض الآن فوق آسيا الصغرى وهو آخذ في الامتلاء وقد ارتفع الضغط فوق مصر وشرقي البحر الابيض إلا أن هناك انخفاض آخر بالقرب من طرابلس يقبل نحو مصر

Forecast for 24 hours from noon to-day.

On the coast light to moderate westerly winds becoming southerly tomorrow. Inland light to moderate winds between southeast and southwest.
Some high cloud.
Little change in temperature.

التغيرات المنتظر حصولها في الخمس والعشرين ساعة التالية من ظهر اليوم الى ظهر غد

رياح بين الخفيفة والمعتدلة غربية تتحول الى جنوبية على الساحل غدا ورياح بين الخفيفة والمعتدلة بين جنوبية شرقية وجنوبية غربية في الداخل
وظهر بعض السحاب العالي ولا تتغير درجة الحرارة إلا قليلا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	64	-1	10.9	4.0
Ezbekiya	43	-22	8.6	-1.8
Giza	49	-18	8.1	—
Helwan	37	-18	7.8	-1.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
4-2	926	1311
3-2	925	1307

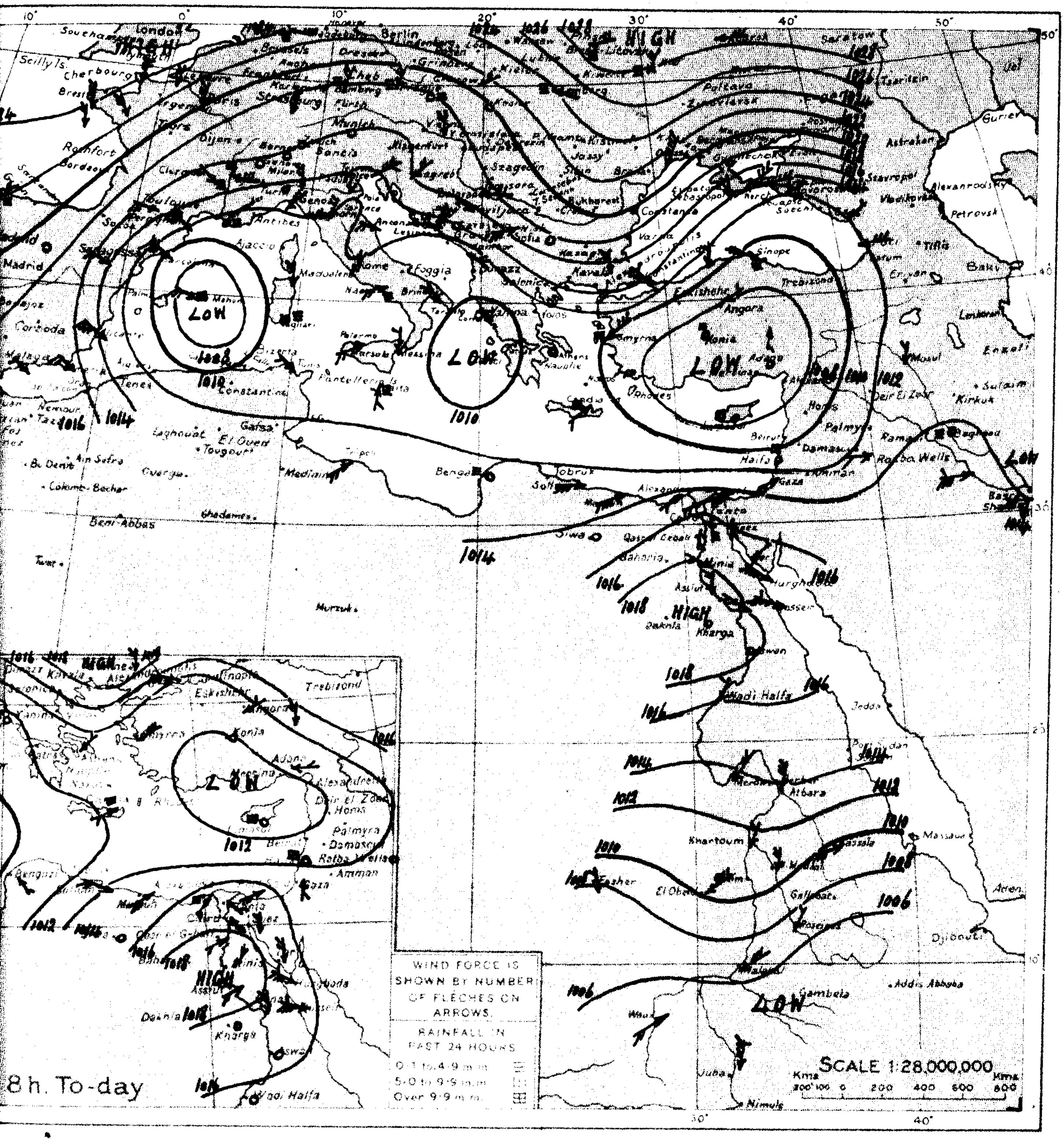
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m	m	m	m
Juba	4-2	13.30	0.00	13.30	-0.01
Nasser	3-2	5.15	-0.45	5.17	-0.46
Malakal	4-2	10.02	-0.68	10.04	-0.68
Roseires	5-2	11.65	-0.15	11.67	-0.14
Sennar Res.	3-2	20.70	—	20.70	—
Makwar	3-2	4.55	-1.02	4.55	-1.03
Khartoum	5-2	10.13	-0.62	10.15	-0.62
Kh. el Girba					
Atbara	4-2	9.94	-0.51	9.95	-0.51
Wadi Halfa	5-2	1.45	-0.75	1.47	-0.75
Aswan Res.	4-2	113.48	—	113.54	—
" D.S.	4-2	85.72	-0.31	85.73	-0.32
El Leithi	5-2	17.14	-0.74	17.13	-0.77
Roda (Cairo)	4-2	14.27	-0.28	14.63	-0.44

PRINTED AT THE SURVEY OF EGYPT 1929 (29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٤-٢-٣١. Barometer and Wind at 8 h. Yesterday 4.2.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤-٢-٣١. From Observations taken at 8 h. yesterday. 4.2.31.

	STATION	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1010.8	+0.5	-5.8	NE	2	4	5	+2	—	12	—	3	—	80	—	—	—	410	—
	MALTA	1010.3	-0.1	-6.0	S	1	3	11	+2	—	13	-2	8	-2	60	—	1	288	315	2
	ATHENS	1010.4	+5.7	-7.6	—	0	2	7	0	—	—	—	—	—	80	—	—	—	235	—
	CANDIA	1010.2	+3.6	-6.9	SW	1	4	10	-1	—	19	+4	8	-1	—	—	2	350	314	2
	LIMASSOL	1007.5	-0.9	-9.1	—	0	4	11	+2		15	-2	8	+1	—	—	15	352	312	1
EGYPT and SUDAN	Atbara عطبره	1014.0	+2.0	-0.4	N	3	0	22.7	-0.3	+3.6	35	+4	18	+4	46	+19	0	0	1	—
	Kassala كسلا	1008.2	-1.1	-4.0	WSW	4	0	25.5	+5.5	+3.3	36	+1	18	+2	48	-12	0	0	11	—
	Wad Medani ود مدني	1010.2	-0.4	-2.9	N	2	0	23.1	+1.3	+2.7	39	+5	19	+4	34	+2	0	8	13	—
	Roseires الروصيرص	1006.6	-0.2	-4.8	NNE	1	0	25.0	-4.0	+2.9	41	+5	19	+3	34	-4	0	33	37	—
	El Fasher الفاشر	1007.1	-1.9	—	NNW	1	0	19.0	+1.5	+3.9	37	+6	12	+2	63	+34	0	1	8	—
	El Obeid الابيض	1010.3	+0.8	-5.0	NE	4	0	21.0	+2.0	+3.2	36	+5	14	+3	30	+1	0	17	19	—
	Malakal ملكال	1007.6	-1.2	-3.4	NE	3	1	26.0	-1.5	+1.6	40	+4	20	+2	15	-6	0	103	93	—
	Wau واو	1005.4	-2.4	-4.9	SW	2	1	28.0	+1.0	+1.6	41	+5	23	+5	54	+11	0	101	148	—
	Juba جوبا	—	—	—	N	5	0	30.0	+2.5	—	40	—	—	—	36	—	0	75	143	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 42m

" " sunset 17h 36m

From Observations taken at 8h to-day.

Friday 6th February, 1931 ١٩٣١ الجمعه ٦ فبراير

	STATION	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (m.m.)	Rainfall: Total since 1st Oct. yesterday (m.m.)	Rainfall: Normal from 1st Oct. to yesterday (m.m.)	Sea
MEDITERRANEAN	SOLLUM	1011.8	-2.8	-6.5	SE	1	3	10.1	+0.9	-1.5	[illegible]	—	7	—	63	-11	0	51	64	1
	MATRUH	1013.4	-2.4	-4.7	SW	3	3	9.3	-0.5	-1.9	20	+2	7	-1	55	-21	0	164	120	2
	ALEXANDRIA	1015.5	-1.1	-2.8	SSE	1	3	11.6	+0.8	-1.2	20	+1	9	-2	62	-10	0	87	156	2
	PORT SAID	1015.4	-1.0	-1.3	S	1	2	10.8	-1.1	-2.1	21	+2	8	-3	70	-6	0	52	54	1
	GAZA	—	—	—	—	0	0	9.8	-2.3	-2.0	18	0	6	-2	78	+3	0	140	281	—
	HAIFA	1014.0	+0.4	-1.4	—	0	0	13.5	+0.8	+0.2	16	-2	9	+1	63	-2	6	445	532	2
LOWER EGYPT	TANTA	1015.6	-1.5	—	S	2	4	9.0	+1.4	—	21	—	3	—	61	—	0	30	—	—
	CAIRO EZBEKIYA	1014.3	-3.3	-4.5	—	0	4	8.8	-1.8	-1.1	19	-1	6	-2	76	0	0	10	20	—
	CAIRO GIZA	1015.1	-2.8	-4.2	—	0	4	4.5	-5.5	—	20	0	2	-4	92		0	12	18	—
	CAIRO HELWAN	1014.6	-3.3	-4.1	ENE	5	4	12.3	+1.5	+2.3	18	-2	8	0	41	-25	0	12	20	—
	SIWA	1009.9	-6.0	-9.0	ENE	1	2	9.1	+0.9	+0.3	—	—	8	+4	60	-9	0	35	4	—
RED SEA	SUEZ	1014.4	-1.9	-3.8	N	2	4	10.0	-0.5	-2.7	20	0	8	-2	68	-4	0	10	17	2
	TOR	1014.2	-1.8	-3.3	N	1	4	13.0	-2.0	0.0	20	-1	11	+2	82	+23	0	7	10	1
	HURGHADA	1015.0	-1.4	—	NNW	5	1	15.0	+2.5	—	21	—	12	—	82	—	0	0		3
	QOSSEIR	1014.0	-2.2	—	WNW	4	4	17.2	+0.1	—	22	—	15	—	46	—	0	15	—	3
UPPER EGYPT	GEBALI	1015.5	-2.9	-3.4	S	1	0	7.0	+2.0	-2.3	18	-2	4	-2	75	+1	0	8	—	—
	MINYA	1014.6	-4.1	—	WSW	2	2	9.8	+1.3	-0.2	18	-3	7	0	76	0	—	—	—	—
	ASYUT	1015.4	-3.0	-2.3	WSW	2	4	10.6	+1.0	+0.6	21	0	7	+1	63	-3	0	0	—	—
	QENA	1015.1	-2.3	—	W	2	3	12.9	+3.2	+1.7	25	+1	9	+2	57	-7	—	—	—	—
	KHARGA	1014.4	-2.4	—	N	1	4	14.6	+3.8	—	24	—	10	—	37		0	0	—	—
	ASWAN	1013.5	-3.2	-4.9	—	0	2	14.2	+2.5	+1.2	24	-1	10	0	35	-15	—	—	—	—
NORTH SUDAN	WADI HALFA	1012.3	-2.8	-6.1	—	0	0	13.0	+1.6	+1.5	23	-3	11	+3	35	-12	—	—	—	—
	MEROWE	1011.1	-1.9	-5.0	NE	2	0	19.6	+2.0	+2.8	33	+3	14	+2	22	-9	0	0	1	—
	ATBARA	—	—	—	N	2	0	20.5	+0.5	+1.3	34	+3	17	+3	60	+33	0	0	1	—
	KHARTOUM	1009.4	-0.9	-4.2	NNE	3	0	21.0	+1.3	+2.9	34	+3	18	+3	21	-6	0	1	5	—
EAST SUDAN	PORT SUDAN	1013.9	—	-1.3	NW	3	4	22.6	—	-0.1	26	-1	19	0	56	-8	0	29	101	3
	KASSALA	1008.2	0.0	-3.9	SSE	1	0	24.5	+0.5	+2.3	35	0	17	+1	53	-6	0	0	11	—
	WAD MEDANI																			
	ROSEIRES	1003.4	-2.2	-8.0	NNE	1	0	28.5	+2.0	+6.4	40	+4	21	+5	31	-7	0	33	37	—
SOUTH SUDAN	EL FASHER	1006.7	-2.6	—	N	1	0	20.0	+1.5	+4.8	37	+6	13	+3	—	—	0	1	8	—
	EL OBEID	1009.9	-0.7	-5.4	NE	2	0	20.0	-1.0	+2.1	35	+4	13	+2	40	+12	0	17	19	—
	MALAKAL	1006.0	-2.2	-5.0	NNE	4	1	27.7	+0.5	+3.2	40	+4	21	+3	16	-5	0	103	93	—
	WAU	1009.5	+2.7	-0.7	S	2	1	26.0	-1.0	-0.5	39	+3	23	+5	60	+17	0	101	148	—
	JUBA	—	—	—	NW	4	0	28.5	-1.0	—	41	—	—	—	31	—	0	75	143	—

TEMP. F. C. — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h m.

Height (metres)	Kms an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff from normal (°C)
Alexandria	60	-9	10.9	0.0
Ezbekiya	47	-18	8.9	-1.5
Giza	55	-12	9.1	—
Helwan	41	-14	8.5	-0.7

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
6-2	929	1275
5-2	927	1309

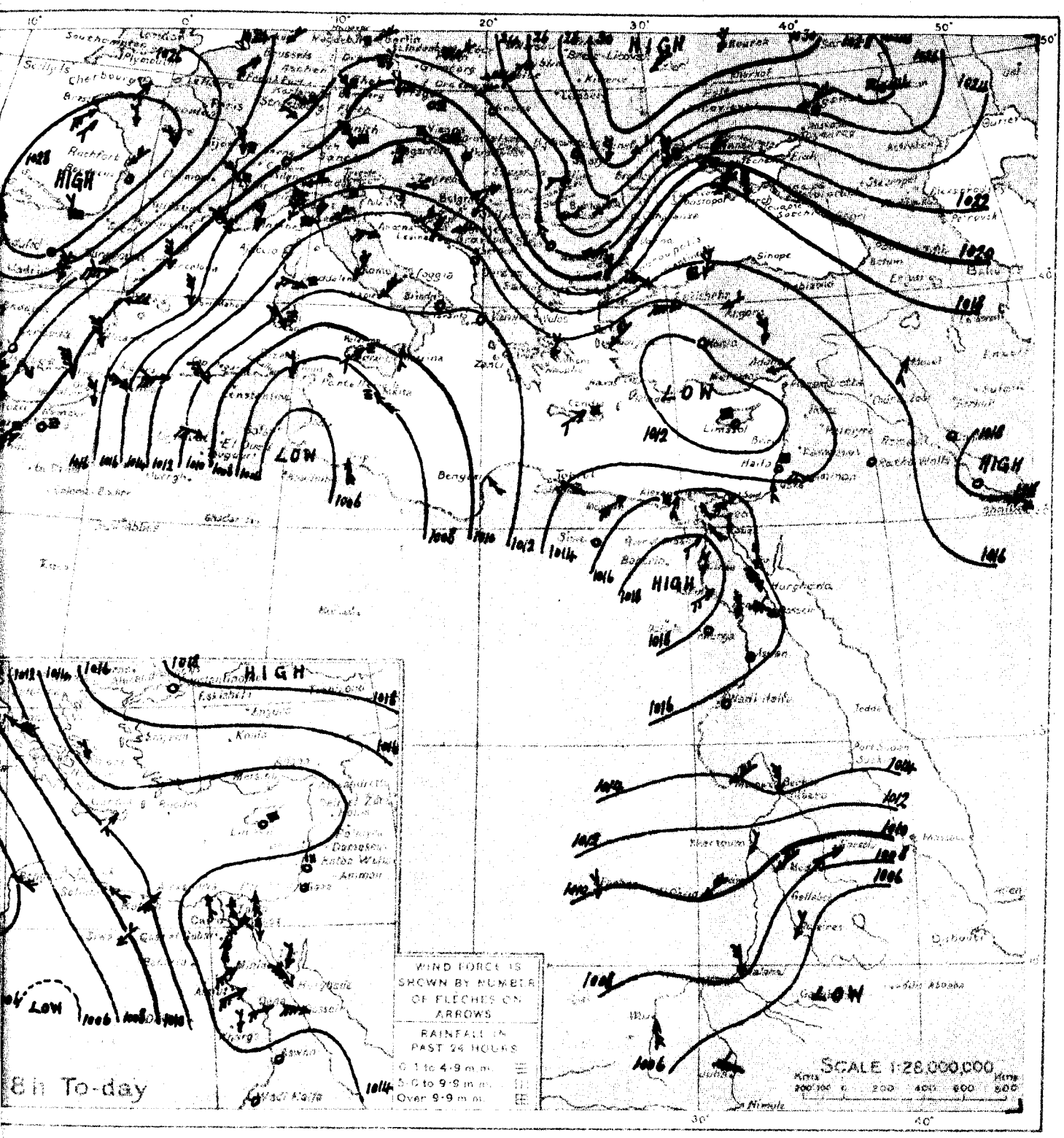
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff from normal m.
Juba	6-2	13.28,	-0.01	13.28	-0.02
Nasser	5-2	5.12	-0.43	5.13	-0.45
Malakal	6-2	9.99	-0.67	10.00	-0.68
Roseires	6-2	11.64	-0.15	11.65	-0.15
Sennar Res.	5-2	20.66	—	20.68	—
Makwar	5-2	4.54	-1.01	4.55	-1.01
Khartoum	6-2	10.11	-0.62	10.13	-0.62
Kh. el Girba					
Atbara	6-2	9.93	-0.50	9.94	-0.50
Wadi Halfa	6-2	1.48	-0.70	1.45	-0.75
Aswan Res.	6-2	113.36	—	113.41	—
" D.S.	6-2	85.73	-0.28	85.74	-0.28
El Leithi	6-2	17.14	-0.71	17.14	-0.74
Roda (Cairo)	5-2	15.19	-0.06	14.87	-0.28

PRINTED AT THE SURVEY OF EGYPT 1929(29/556/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١ - ٢ - ٥ Barometer and Wind at 8 h. Yesterday 5.2.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0- 1	0
Almost calm	2- 6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-38	5
Strong	39-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - ٢ - ٥ From Observations taken at 8 h. yesterday. 5.2.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.2	+1.4	-4.2	NE	2	4	6	+1	—	12	—	4	—	70	—	—	—	412	—
	MALTA	1008.0	-2.3	-8.2	SE	3	3	12	+1	—	16	+1	11	+1	70	—	trace	288	317	2
	ATHENS	1013.9	+3.5	-4.1	NNE	1	3	7	0	—	—	—	—	—	80	—	—	—	236	—
	CANDIA	1013.1	+2.9	-3.4	SW	1	2	9	-1	—	19	+4	7	-2	—	—	2	352	317	1
	LIMASSOL	1011.2	+3.7	-5.4	—	0	2	13	+2		16	-1	7	0	—	—	11	363	315	1
EGYPT and SUDAN	Atbara	1014.0	0.0	-0.4	N	3	0	20.0	-2.7	+0.9	33	+2	16	+2	55	+28	0	0	1	—
	Wad Medani	1008.7	-1.5	-4.3	NE	3	0	22.0	-1.1	+1.6	39	+5	19	+4	30	-1	0	8	13	—
	El Obeid	1010.6	+0.3	-4.7	NE	3	0	21.0	0.0	+3.1	34	+3	14	+3	40	+12	0	17	19	—
	Malakal	1008.2	+0.6	-2.8	N	3	2	27.2	+1.2	+2.8	40	+4	22	+4	14	-7	0	103	93	—
	Wau	1006.8	+1.4	-3.4	S	2	1	27.0	-1.0	+0.5	38	+2	23	+5	62	+19	0	101	148	—
	Juba	—	—	—	NW	5	0	29.5	-0.5	—	41	—	—	—	35	—	0	75	143	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 41 m

" " sunset 17 h 37 m

From Observations taken at 8 h. to-day.

Saturday 7th February, 1931 — ١٩٣١ السبت ٧ فبراير

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1005.0	-6.8	-13.2	W	4	2	10.2	+0.1	-1.5	[illegible]	—	9	—	67	-7	0	51	64	6
	MATRUH	1005.0	-8.4	-13.1	WSW	3	4	11.3	+2.1	0.0	19	+1	9	+1	62	-14	0	164	121	3
	ALEXANDRIA	1004.4	-11.1	-13.8	S	1	4	14.2	+2.6	+1.3	18	-1	11	0	37	-35	0	87	157	1
	PORT SAID	1005.6	-9.8	-11.0	S	4	4	15.5	+4.7	+2.6	18	-1	11	0	62	-14	0	52	54	3
	GAZA	—	—	—	SE	1	4	15.1	+5.3	+3.3	20	+2	9	+1	46	-29	0	140	283	
	HAIFA	1007.1	-6.9	-8.2	—	0	4	13.6	+0.1	+0.3	21	+3	10	+2	63	-2	0	445	535	2
LOWER EGYPT	TANTA	1006.0	-9.6	—	SSE	1	4	13.5	+4.5	—	22	—	6	—	57	—	drops	30		
	CAIRO (ABBASSIA)	1007.0	-7.3	-11.7	SSE	2	5	12.7	+3.9	+2.7	21	+1	8	0	83	+7	trace	10	20	
	GIZA	1007.2	-7.9	-12.0	SSE	2	5	12.1	+7.6	—	21	+1	4	-2	91	—	1	13	18	
	HELWAN	1007.6	-7.0	-11.1	S	5	5	12.1	-0.2	+2.0	21	+1	12	+4	84	+19	1	13	20	
	SIWA	1008.4	-1.5	-10.5	—	0	1	11.8	+2.7	+2.9	—	—	—	—	61	-7	0	35	4	
RED SEA	SUEZ	1008.2	-6.2	-10.0	S	2	4	16.0	+6.0	+3.2	20	0	—	—	69	-3	drops	10	17	1
	TOR	1009.8	-4.4	-7.6	E	1	4	16.8	+3.8	+3.7	20	-1	12	+3	81	+22	[illegible]	7	10	1
	HURGHADA																			
	QOSSEIR	1009.9	-4.1	—	SW	1	4	19.9	+2.7	—	22	—	17	—	39		0	15		1
UPPER EGYPT	GEBEL	1010.7	-4.8	-8.1	S	3	[illegible]	12.5	+5.5	+3.1	19	-1	7	+1	—	—	9	17		
	SIUT	1010.0	-4.6	—	ESE	2	2	14.5	+4.7	+4.5	19	-2	8	+1	100	+24	Rain			
	ASYUT	1011.4	-4.0	-8.3	S	2	4	12.6	+2.0	+2.5	19	-2	10	+4	82	+16	1	1		
	SENA	1010.8	-4.3	—	ENE	2	3	15.8	+2.9	+4.5	24	0	12	+5	36	-28				
	KHARGA	1010.3	-4.1		—	0	4	15.3	+0.7	—	25	—	12		43		1	1		
	ASWAN	1010.6	-2.9	-7.8	—	0	4	17.0	+2.8	+4.0	26	+1	14	+4	52	+2				
	WADI HALFA																			
	SENNAR	1009.0	-2.1	-7.0	NE	2	0	21.1	+1.5	+4.3	36	+6	16	+4	25	-6	0	0	1	
	KODA																			
	KHARTOUM	1008.6	-0.8	-5.0	—	0	0	22.0	+1.0	+3.9	36	+5	20	+5	28	+1	0	1	5	
	[illegible]	1010.7	-3.2	-4.5	N	2	4	23.7	+1.1	+1.0	26	-1	20	+1	63	-1	0	29	101	2
	[illegible]	1007.0	-1.2	-5.1	—	0	0	26.0	+1.5	+3.7	36	+1	19	+2	55	-4	0	0	11	

TEMP. F. C. 120 110 100 90 80 70 60 50 40 30 20 10

PRESS. Mm Mb 775 770 765 760 755 750

General Situation

A shallow depression is situated in Upper Egypt west of the Nile. The Mediterranean depression which has deepened is moving east and is now centred over Crete, and pressure throughout Egypt is unsteady and very low.

الحالة العامة

هناك انخفاض قريب الغور غربي مصر العليا غربي النيل أما انخفاض البحر الأبيض الذي ازداد عمقا فهو يتحرك شرقا وقد وصل الآن إلى كريت والضغط فوق مصر عموما مضطرب ومنخفض

Forecast for 24 hours from noon to-day.

On the coast moderate south to west winds; inland light to moderate variable winds chiefly southerly. Much low cloud.
Rain throughout Lower Egypt.
Remaining cool and unsettled.

توقعات الطقس من ظهر اليوم لمدة ٢٤ ساعة

رياح معتدلة جنوبية وغربية على الساحل وبالداخل معتدلة مختلفة الاتجاه أكثرها جنوبية في الداخل كثير السحب المنخفضة وبساقط مطر على مصر السفلى عموما يستمر الطقس مضطربا وبائسا للبرودة

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Air Temperature Mean of Day Yesterday	Air Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	58	-6	9.5	-1.4
Ezbekiya	61	-3	9.3	-1.1
Giza	73	+8	8.3	—
Helwan	27	-26	8.7	-0.5

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT. 150 "

Remarks

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

DATE	1931	1930
6-2	929	1275
5-2	927	1309

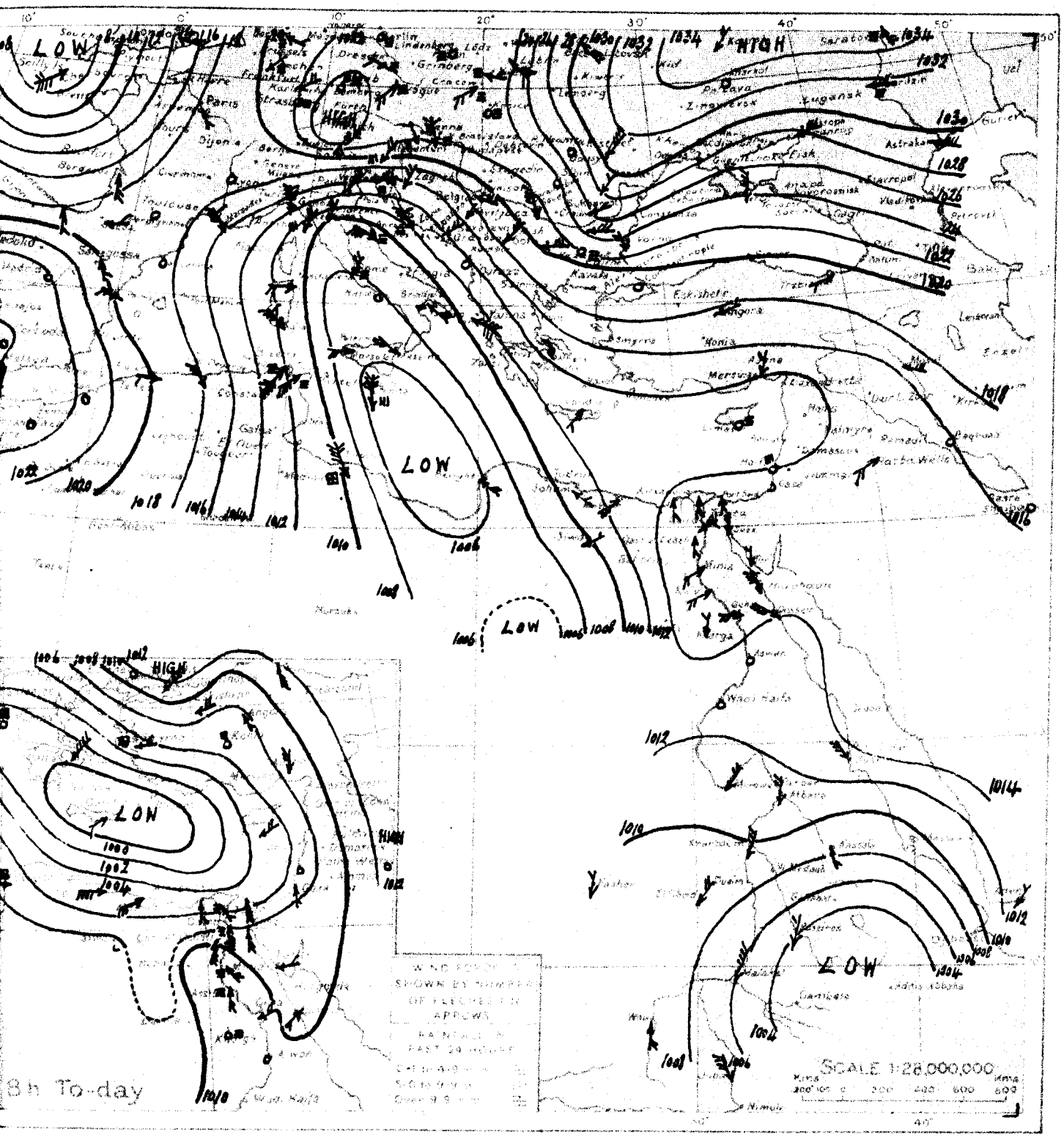
GAUGE	Date	Reading	Diff from normal	Date	Reading	Diff from normal
	1931	m	m		m	m
Juba	6-2	13.28	-0.01		13.28	-0.02
Nasser	5-2	5.12	-0.43		5.13	-0.45
Malakal	6-2	9.99	-0.67		10.00	-0.68
Roseires	7-2	11.62	-0.16		11.64	-0.15
Sennar Res.	6-2	20.66	—		20.66	—
Makwar	6-2	4.54	-1.00		4.54	-1.01
Khartoum	6-2	10.11	-0.62		10.13	-0.62
Kh. el Girba						
Atbara	6-2	9.93	-0.50		9.94	-0.50
Wadi Halfa	6-2	1.48	-0.70		1.45	-0.75
Aswan Res.	6-2	113.36	—		113.41	—
" D.S.	6-2	85.73	-0.28		85.74	-0.28
El Leithi	7-2	17.18	-0.65		17.14	-0.71
Roda (Cairo)	5-2	15.19	-0.06		14.87	-0.28

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٢-٦ Barometer and Wind at 8 h. Yesterday 6.2.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Extremely clouded	4
Fog	5
Snow	6
Sleet	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٢١-٢-٦ From Observations taken at 8 h yesterday. 6.2.31.

STATION	BAROMETER Reduced to Sea level	Diff. from normal	Diff. from yesterday	WIND Direction	Force	SKY	TEMPERATURE At 8 h	Diff. from normal	Diff. from yesterday	Max. yesterday	Diff. from normal	Min. yesterday	Diff. from normal	HUMIDITY At 8 h	Diff. from normal	RAINFALL Past 24 hours	Total from 1 Oct. to yesterday	Normal from 1 Oct. to yesterday	SEA
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1007.8	-4.4	-8.6	NE	2	5	5	-1	—	13	—	5	—	80	—	trace	—	414	—
MALTA	1004.7	-3.3	-11.5	NE	7	4	12	0	—	15	0	11	+1	60	—	6	294	319	4
ATHENS	1014.6	+0.7	-3.3	N	1	5	7	0	—	—	—	—	—	90	—	—	—	238	—
CANDIA	1013.0	-0.1	-4.0	SW	1	3	10	+1	—	17	+2	8	-1	—	—	0	352	319	4
LIMASSOL	1013.3	+2.1	-3.1	—	0	1	13	0		17	0	7	0	—	—	2	365	318	1

MEDITERRANEAN

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 41m

" " sunset 17h 38m

From Observations taken at 8h. to-day.

Sunday 8th February, 1931 — ١٩٣١ — الأحد ٨ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Yesterday	Rainfall: Since 1st Sept.	Rainfall: Last year to date	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM																			
	MATRUH	1010.4	+5.4	-7.7	WNW	4	0	9.3	-2.0	-2.0	17	-1	9	+1	80	+4	drops	164	122	8
	ALEXANDRIA	1011.2	+6.8	-7.0	SW	6	2	11.2	-3.0	-1.7	18	-1	10	-1	75	+3	T	88	158	6
	PORT SAID	1011.5	+5.9	-5.1	WSW	4	0	10.8	-4.7	-2.2	16	-3	9	-2	75	-1	2	54	55	4
	GAZA																			
	HAIFA	1007.5	+0.4	-7.8	SW	1	3	13.6	0.0	+0.2	16	-2	9	+1	74	+9	46	491	538	3
LOWER EGYPT	TANTA	1012.3	+6.3		WSW	1	0	8.8	-4.7		19		7		76		trace	30		
	EZBEKIYA	1013.3	+6.3	-5.3	SSE	2	0	10.0	-2.7	0.0	20	0	9	+1	74	-2	6	16	20	
	GIZA	1013.3	+6.1	-5.9	SW	2	0	10.6	-1.5	—	18	-2	8	+2	70	—	7	20	18	
	HELWAN	1014.2	+6.6	-4.4	S	3	0	8.2	-3.9	-1.9	19	-1	7	-1	83	+18	6	19	20	
	SIWA	1015.2	+6.8	-3.6	—	0	0	9.6	-2.2	+0.7	—	—	7	+2	73	+5	0	35	4	
RED SEA	SUEZ	1011.6	+3.4	-6.5	SW	3	0	12.1	-1.9	+1.3	18	-2	12	+2	63	-9	8	18	17	2
	TOR	1013.9	+4.1	-3.5	N	1	2	12.4	-4.4	-0.8	18	-3	9	0	94	+35	4	11	11	1
	HURGHADA																			
	QOSSEIR	1013.8	+3.9		W	4	1	17.4	-2.5		26		14		51		0	15		4
UPPER EGYPT	GERGEH	1015.1	+4.4	-3.7	NW	2	0	9.8	-2.7	+0.3	18	-2	7	+1	69	-5	0	17		
	MINIA	1015.5	+5.5		—	0	0	9.5	-5.0	-0.6	15	-6	7	0	80	+4				
	ASYUT	1017.0	+5.6	-2.6	WSW	2	0	10.2	-2.4	+0.1	14	-7	8	+1	76	+11	6	7		
	SOHAG	1016.2	+5.4		W	2	0	10.2	-5.6	-1.2	22	-2	8	+1	89	+26	Rain			
	KHARGA	1017.1	+6.8		—	0	0	9.0	-6.3		18		5		81		0	1		
	ASWAN	1015.5	+4.9	-2.8	NE	3	4	14.0	-3.0	+0.9	29	+4	11	+1	47	-2				
	WADI HALFA	1013.9	+3.6	-4.4	N	4	2	13.6	-2.4	+2.0	33	+7	13	+5	56	+10				
	SARRAS																			
	ATBARA																			
	KHARTOUM	1007.5	-1.1	-6.0	N	2	0	23.3	+1.3	+5.2	38	+7	22	+7	16	-10	0	1	5	
	KHARTOUM SUDAN	1009.3	-1.4	-5.8	N	3	4	25.5	+1.8	+2.8	28	+1	23	+4	80	+16	drops	29	101	3
	KASSALA	1008.6	-1.4	-4.3	NE	2	2	25.5	+1.5	+4.8	41	+6	23	+8	30	0	0	8	13	
	[illegible]																			
	[illegible]	1008.3	-1.0	-6.9	NE	3	0	26.3	-0.6	+8.3	37	+6	16	+5	25	-2	0	17	19	
	[illegible]	1006.3	-1.5	-4.6	N	1	3	26.8	-3.6	+2.2	40	+4	22	+4	31	+11	0	103	93	

General Situation

The depression which crossed Upper Egypt yesterday has now reached Iraq, while the Mediterranean depression is situated north of Egypt but is filling up. Pressure over Egypt is rising but is still low. There is a shallow depression near Sicily.

قد وصل الانخفاض الذي اجتاز مصر العليا البارحة إلى العراق أما انخفاض البحر الأبيض فهو الآن بشمال مصر ولكنه آخذ في الامتلاء والضغط آخذ في الارتفاع فوق مصر ولكنه لا يزال منخفضا وهناك انخفاض قريب الغور بالقرب من صقلية

9 15		
900	20	WSW
1200	45	W
1500	40	WSW
1800	50	WSW
2100		

Forecast for 24 hours from noon to-day.

On the coast fresh westerly winds; inland moderate to fresh south to southwest winds.
Some low cloud.
Light rain near the coast.
Remaining cool.

رياح نسيمية غربية على الساحل ورياح بين المعتدلة والنسيمية جنوبية وجنوبية غربية في الداخل
يظهر بعض السحب المنخفضة ويتساقط مطر خفيف بالقرب من الساحل - يستمر الطقس باردا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	42	-22	11.0	0.0
Ezbekiya	69	+5	11.2	+0.8
Giza	73	+8	10.9	—
Helwan	73	+20	10.8	+1.6

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post PT.100 annually
" " Abroad PT.150

Remarks

Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
7-2	868	1251
6-2	929	1275

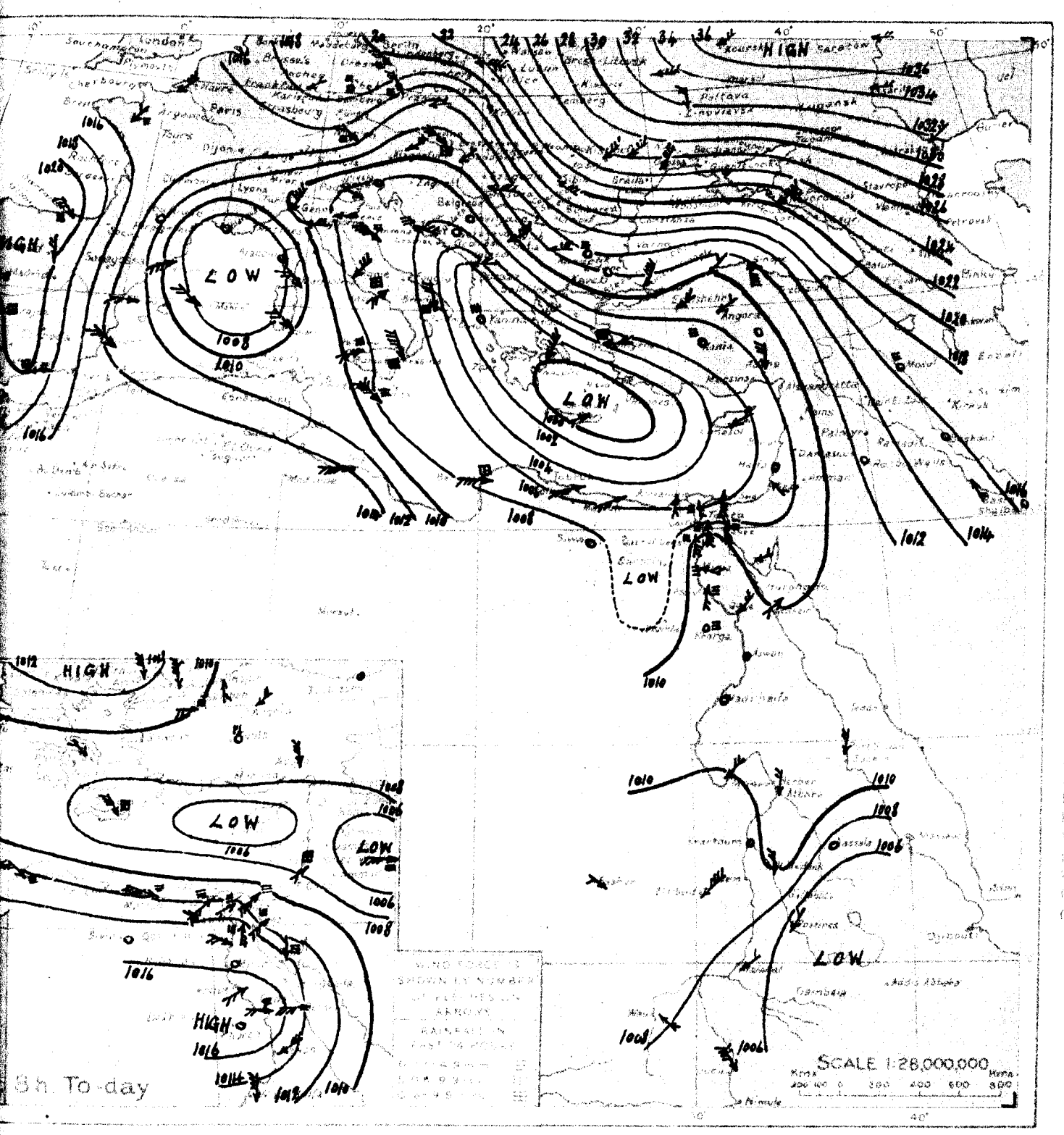
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m	m	m	m
Juba	7-2	13.28	-0.01	13.28	-0.01
Nasser	5-2	5.12	-0.43	5.13	-0.45
Malakal	6-2	9.99	-0.67	10.00	-0.68
Roseires	7-2	11.62	-0.16	11.64	-0.15
Sennar Res.	6-2	20.66	—	20.66	—
Makwar	6-2	4.54	-1.00	4.54	-1.01
Khartoum	6-2	10.11	-0.62	10.13	-0.62
Kh. el Girba					
Atbara	6-2	9.93	-0.50	9.94	-0.50
Wadi Halfa	6-2	1.48	-0.70	1.45	-0.75
Aswan Res.	7-2	113.30	—	113.36	—
" D.S.	7-2	85.62	-0.36	85.73	-0.28
El Leithi	8-2	17.21	-0.59	17.18	-0.65
Roda (Cairo)	7-2	15.66	+0.31	15.48	+0.18

PRINTED AT THE SURVEY OF EGYPT 1928(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٢-٧ Barometer and Wind at 8 h Yesterday 7.2.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٢-٧ From Observations taken at 8 h. yesterday 7.2.31.

	STATION	BAROMETER Reduced to Sea level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.4	-0.4	-9.0	NE	3	0	1	-4	—	7	—	0	—	80	—	—	—	417	—
	MALTA	1007.4	+2.7	-8.6	WNW	6	3	10	-2	—	13	-2	8	-2	60	—	1	295	321	4
	ATHENS	1000.6	-14.0	-17.3	NNE	4	4	9	+2	—	—	—	—	—	80	—	—	—	239	—
	CANDIA	999.2	-13.8	-17.8	SW	1	3	12	+2	—	18	+3	11	+2	—	—	0	352	322	1
	LIMASSOL	1005.6	-7.7	-10.8	ENE	2	4	14	+1		19	+2	10	+3	—	—	0	365	320	3
EGYPT and SUDAN	Wadi Halfaiwa وادي	1010.3	-2.0	-3.1	—	0	0	16.0	+3.0	+4.4	26	0	11	+3	28	-18	—	—	—	—
	Atbara العطبرة	1012.2	—	-2.1	N	2	0	22.0	+1.5	+2.8	35	+4	18	+4	54	+28	0	0	1	—
	Wad Medani وادي	1010.6	+1.8	-3.0	N	2	1	24.0	+0.5	+3.4	38	+4	21	+6	40	+9	0	8	13	—
	Roseires الروصيرص	1003.0	-0.4	-8.4	NNE	1	0	26.5	-2.0	+4.3	40	+4	21	+5	40	+2	0	33	37	—
	El Fasher الفاشر	—	—	—	NW	1	1	22.0	+2.0	+6.8	37	+6	14	+4	32	+3	0	1	8	—
	El Obeid الرصيص	1009.3	-0.6	-5.9	NE	4	3	26.9	+6.9	+8.9	35	+4	16	+5	27	0	0	17	19	—
	Malakal الملوكال	1007.8	+1.8	-3.1	ENE	1	2	30.4	+2.7	+5.9	40	+4	22	+4	22	+1	0	103	93	—
	Wau واو	1008.3	-1.2	-1.8	SE	2	1	26.0	0.0	-0.5	39	+3	23	+5	64	+21	0	101	148	—
	Juba جوبا	—	—	—	NW	6	1	29.5	+1.0	—	41	—	—	—	27	—	0	75	143	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 40 m

" " sunset 17 h 39 m

From Observations taken at 8h. to-day.

Monday 9th February, 1931 ١٩٣١ الاثنين ٩ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1012.8	+0.2	-5.4	W	4	0	9.8	-0.8	-1.9	17	—	8	—	74	0	0	51	66	5
	MATRUH	1013.4	+3.0	-4.6	NW	4	0	9.8	+0.5	-1.6	16	-2	9	+1	74	-2	0	164	122	4
	ALEXANDRIA	1013.9	+2.7	-4.3	SW	4	2	12.1	+0.9	-0.8	18	-1	10	-1	63	-9	0	88	158	4
	PORT SAID	1013.3	+1.8	-3.2	WSW	3	1	11.8	+1.0	-1.2	19	0	10	-1	78	+2	0	54	55	4
	GAZA	—	—	—	S	1	0	9.6	-2.7	-2.4	17	-1	7	-1	69	-6	0	145	289	—
	HAIFA	1010.7	+3.2	-4.5	SW	2	5	11.5	-2.1	-1.9	16	-2	10	+2	59	-6	22	513	541	2
LOWER EGYPT	TANTA	1014.7	+1.9	—	SW	1	1	7.8	-1.0	—	19	—	6	—	85	—	0	30	—	—
	CAIRO: EZBEKIYA	1015.1	+1.8	-3.5	SSE	2	3	9.6	-0.4	-0.5	18	-2	8	0	71	-5	0	16	20	—
	CAIRO: GIZA	1015.0	+1.7	-4.1	SE	2	3	9.5	-1.1	—	18	-2	8	+2	75	—	0	20	18	—
	CAIRO: HELWAN	1015.2	+1.0	-3.4	S	2	3	9.0	+0.8	-1.2	17	-3	9	+1	71	+6	0	19	20	—
	SIWA	1015.1	-0.1	-3.7	—	0	0	8.8	-0.8	-0.2	—	—	5	0	68	0	0	35	4	—
RED SEA	SUEZ	1013.4	+1.8	-4.7	SW	2	1	15.8	+1.7	+2.9	19	-1	11	+1	52	-20	0	18	17	1
	TOR	1014.0	+0.1	-3.3	NE	1	1	12.0	-0.4	-1.3	19	-2	7	-2	79	+20	0	11	11	1
	HURGHADA	1014.3	+0.4	—	NW	6	1	13.0	-0.2	—	20	—	8	—	55	—	0	0	—	3
	QOSSEIR	1014.4	+0.6	—	NW	5	4	15.5	-1.9	—	21	—	13	—	41	—	0	15	—	5
UPPER EGYPT	GEBALI	1016.2	+1.1	-2.5	SSW	1	0	8.4	-1.4	-1.1	19	-1	4	-2	78	+5	0	17	—	—
	MINYA	1016.6	+1.1	—	SSW	3	0	8.2	-1.3	-1.9	18	-3	4	-3	87	+12	—	—	—	—
	ASYUT	1017.1	+0.1	-2.5	WSW	2	0	9.1	-1.1	-1.1	18	-4	6	-1	77	+12	0	7	—	—
	QENA	1015.9	-0.3	—	W	2	4	8.4	-1.8	-3.1	22	-2	6	-2	77	+14	—	—	—	—
	KHARGA	1016.1	-0.7	—	—	0	4	10.7	+1.7	—	22	—	6	—	64	—	0	1	—	—
	ASWAN	1015.0	-0.5	-3.3	N	2	4	12.6	-1.4	-0.5	21	-4	12	+2	44	-5	—	—	—	—
UPPER NILE	WADI HALFA	1013.8	-0.1	-4.5	N	2	2	14.0	+0.4	+2.3	21	-5	13	+5	35	-11	—	—	—	—
	MEROWE	1010.4	-0.4	-5.5	NE	2	0	18.6	-1.0	+1.8	32	+1	15	+2	35	+5	0	0	1	—
	ATBARA																			—
	KHARTOUM	1008.7	+1.2	-4.8	N	2	1	21.0	-2.3	+2.8	35	+4	19	+4	36	+10	0	1	5	—
SOUTH SUDAN	PORT SUDAN	1013.1	+3.8	-2.0	N	4	4	25.7	+0.2	+3.6	27	0	22	+3	90	+26	drops	29	101	4
	KASSALA	1006.3	-0.7	-5.7	S	—	1	24.5	-2.0	+2.2	40	+5	23	+6	64	+5	0	0	11	—
	WAD MEDANI																			—
	ROSEIRES	1004.3	+1.1	-7.0	NNE	1	0	27.0	-1.0	+4.7	42	+5	18	+2	31	-6	0	33	37	—
	EL FASHER																			—
	EL OBEID	1008.2	-0.1	-6.9	NE	3	0	23.1	-3.2	+5.0	37	+6	16	+5	42	+15	0	17	19	—
	MALAKAL	1006.3	0.0	-4.6	NE	2	0	27.8	+1.0	+3.2	41	+5	22	+4	20	0	0	103	93	—
	WAU																			—
	JUBA	—	—	—	NW	7	1	30.5	-0.5	—	43	—	—	—	53	—	0	75	144	—

TEMP. F. C. — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Knots an hour	Direction
500	20	SSW
1000	30	WSW
1500	30	W
2000	30	W
3000	50	W

General Situation

The depression north of Egypt is moving slowly east and continues to become shallower. Pressure over Egypt has risen but a depression now east of Malta is approaching.

الحالة العمومية

يسير الانخفاض في شمال مصر ببطء نحو الشرق وهو مستمر في الاضمحلال وقد ارتفع الضغط على مصر وحالة انخفاض في شرق مالطا يتقدم نحونا

Forecast for 24 hours from noon to-day.

On the coast moderate to fresh westerly winds, backing to south tomorrow; inland light to moderate southerly winds.
Occasional medium cloud.
Little change in temperature.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر غد

رياح غربية ما بين المعتدلة والشديدة قوتها على الساحل تتحول الى الجنوب غدا ورياح ما بين الخفيفة والمعتدلة جنوبية في الداخل
نظام بعض السحب الوسط احيانا
ولا تتغير درجة الحرارة الا قليلا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	68	+4	11.4	+0.4
Ezbekiya	63	-1	9.2	-1.3
Giza	61	-4	8.9	—
Helwan	67	+14	8.4	-0.8

NOTE A dash means that figures are not available

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" " Abroad P.T. 150

Remarks

Nasser River Gauge
Reading for 17/1/31 published on 18-20/1/31 should read 5.62 instead of 5.57 M.

هذه قراءة النيل بمقياس الناصر بتاريخ ١٧/١/٣١ المنشورة بتقارير ١٨-٢٠/١/٣١ هي ٥,٦٢ بدلا من ٥,٥٧ مترا

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
8-2	814	1227
7-2	868	1251

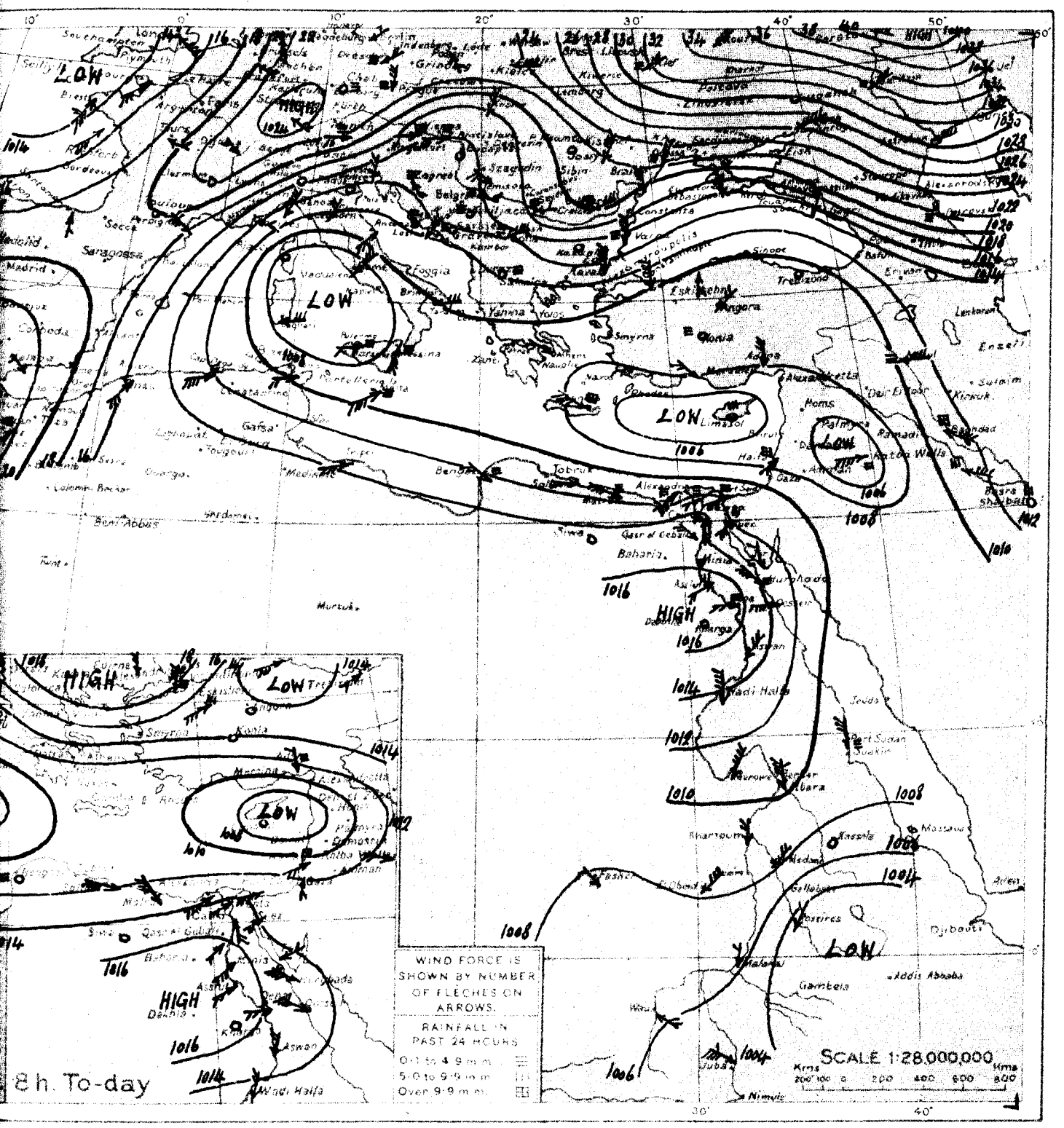
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	8-2	13.28	-0.01	13.28	-0.01
Nasser	7-2	5.11	-0.39	5.12	-0.41
Malakal	8-2	9.97	-0.66	9.98	-0.66
Roseires	8-2	11.61	-0.16	11.62	-0.16
Sennar Res.	8-2	20.62	—	20.62	—
Makwar	8-2	4.54	-0.97	4.54	-0.98
Khartoum	8-2	10.12	-0.57	10.11	-0.60
Kh. el Girbd					
Atbara	8-2	9.91	-0.50	9.92	-0.50
Wadi Halfa	8-2	1.42	-0.72	1.43	-0.73
Aswan Res.	8-2	113.25	—	113.30	—
" D.S.	8-2	85.54	-0.42	85.62	-0.36
El Leithi	9-2	17.22	-0.56	17.21	-0.59
Roda (Cairo)	8-2	15.73	+0.31	15.66	+0.31

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٨-٢١-٢ Barometer and Wind at 8 h. Yesterday 8.2.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨-٢١-٢ From Observations taken at 8 h. yesterday. 8.2.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. mum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.4	0.0	-9.0	NE	4	4	3	+2	—	7	—	0	—	70	—	—	—	419	—
	MALTA	1008.6	+1.2	-7.4	WSW	4	3	11	+1	—	13	-2	8	-2	70	—	2	297	323	2
	ATHENS	1008.7	+8.1	-9.2	NW	1	4	8	-1	—	—	—	—	—	80	—	—	—	240	—
	CANDIA	1006.4	+7.2	-10.6	NW	4	4	14	+2	—	19	+4	11	+2	—	—	11	363	324	7
	LIMASSOL	1005.4	-0.2	-10.9	—	0	2	15	+1		17	-1	7	0	—	—	8	373	323	1
EGYPT and SUDAN	Sollum سلوم	1012.6	+7.6	-5.6	WNW	3	0	10.6	+0.4	-1.1	16	—	9	—	69	-5	0	51	65	4
	Hurghada الغردقة	1013.9	+4.8	—	NNW	4	1	13.2	-5.8	—	20	—	9	—	67	—	drops	drops	—	2
	Merowe مروى	1010.8	+1.8	-5.2	NNE	4	0	19.6	-1.5	+2.8	40	+10	17	+5	41	+11	0	0	1	—
	Atbara العطبرة	1011.1	-1.1	-3.1	N	5	0	21.5	-0.5	+2.3	38	+7	20	+8	32	+2	0	0	1	—
	Kassala كسلا	1007.0	0.0	-5.0	—	0	0	26.5	+0.5	+4.2	36	+1	19	+2	53	-6	0	0	11	—
	Roseires الروصيرص	1003.2	+0.2	-8.1	NNE	1	0	28.0	+1.5	+5.8	42	+5	18	+2	33	-4	0	33	37	—
	El Fasher الفاشر	1006.6	—	—	NNW	1	0	20.0	-2.0	+4.7	38	+7	14	+4	40	+12	0	1	8	—
	Wau واو	1006.2	-2.1	-3.9	SE	2	1	26.0	0.0	-0.6	40	+4	23	+5	69	+26	0	101	149	—
	Juba جوبا	—	—	—	NW	5	1	31.0	+1.5	—	—	—	—	—	34	—	0	75	144	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 39m

" " sunset 17h 40m

From Observations taken at 8h. to-day.

Tuesday 10th February, 1931 — ١٩٣١ — الثلاثاء ١٠ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. last yesterday	Rainfall: Normal since 1st Oct. yesterday	SEA
		mb	m.b	m.b				°C	°C	°C		°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.8	-1.0	-6.3	NNE	1	4	11.4	+1.6	-0.3	14	—	9	—	70	-4	0	51	67	1
	MATRUH	1014.4	+1.0	-3.6	WNW	2	2	9.2	-0.6	-2.2	19	+1	7	-1	51	-25	0	164	123	2
	ALEXANDRIA	1015.2	+1.3	-2.9	SSW	1	3	11.3	-0.8	-1.6	19	0	8	-3	44	-28	0	88	159	2
	PORT SAID	1015.8	+2.5	-0.7	S	3	0	11.0	-0.8	-2.0	20	+1	8	-3	87	+12	0	54	56	2
	GAZA	—	—	—	NW	1	0	9.9	+0.3	-2.2	18	0	8	0	79	+4	6	151	291	
	HAIFA	1013.9	+3.2	-1.3	SSW	2	1	13.6	+2.1	+0.1	16	-2	9	+1	65	0	22	535	544	2
LOWER EGYPT	TANTA	1015.8	+1.6	—	SE	1	0	8.8	+1.0	—	21	—	6	—	80	—	0	30	—	—
	EZBEKIYA	1015.6	+0.5	-2.9	S	1	0	7.9	-1.7	-2.2	21	+1	6	-2	65	-11	0	16	20	—
	GIZA	1015.9	+0.9	-3.2	SE	1	1	9.8	+0.3	—	19	-1	4	-2	64	—	0	20	18	
	HELWAN	1016.0	+0.8	-2.5	E	1	0	10.0	+1.0	-0.2	19	-1	8	0	50	-15	0	19	21	—
	SIWA	1013.9	-1.2	-4.8	—	0	1	7.0	-1.8	-2.1	—	—	6	+1	66	-2	0	35	4	
RED SEA	SUEZ	1015.2	+1.8	-2.9	N	2	0	11.8	-4.0	-1.1	20	0	9	-1	67	-5	0	18	17	1
	TOR	1014.3	+0.3	-3.0	N	3	3	13.6	+1.6	+0.2	19	-2	9	0	82	+23	0	11	11	3
	HURGHADA	1013.1	-1.2	—	NNW	5	2	14.8	+1.8	—	20	—	11	—	51	—	0	0	—	3
	QOSSEIR																			
UPPER EGYPT	GEBALI	1016.6	+0.4	-2.1	S	1	0	8.0	-0.4	-1.6	20	0	4	-2	79	+6	0	17		
	MINYA	1016.4	-0.2	—	N	2	0	9.2	+1.0	-1.0	19	-2	6	-1	87	+12				
	ASYUT	1016.2	-0.9	-3.3	SW	2	3	9.0	-0.1	-1.3	18	-4	6	-1	87	+22	0	7		
	QENA	1015.4	-0.5	—	NNW	1	3	11.5	+3.1	-0.2	23	-1	8	0	60	-3				
	KHARGA	1015.8	-0.6	—	—	0	4	11.8	+1.1	—	20	—	3		66		0	1		
	ASWAN	1014.2	-0.8	-4.0	NNE	2	4	14.5	+1.9	+1.3	22	-4	12	+2	43	-6				
SUDAN	WADI HALFA	1013.1	-0.7	-5.1	N	2	3	13.8	-0.2	+2.1	22	-4	11	+3	39	-6				
	KHARTOUM	1010.7	+0.3	-5.1	NE	2	0	17.6	-1.0	+0.8	31	0	13	0	23	-7	0	0	1	
	ATBARA																			
	KASSALA	1009.3	+0.6	-4.2	NNE	1	0	20.5	-0.5	+2.3	35	+4	19	+4	25	0	0	1	5	
	[illegible]	1010.6	-2.5	-4.4	N	4	4	23.4	-2.3	+0.7	27	0	22	+3	64	0	0	29	102	4
	[illegible]	1007.2	+1.3	-5.6	N	2	2	22.5	-1.5	+1.7	40	+5	20	+5	27	-3	0	8	13	
	[illegible]	1009.0	+3.0		NNW	1	0	19.0	0.0	+3.5	37	+6	14	+4	30	+2	0	1	8	
	[illegible]	1011.1	+2.9	-3.9	NE	2	4	20.0	-3.1	+1.8	37	+6	16	+5	36	+10	0	17	19	
	[illegible]	1005.6	-0.7	-5.2	NNE	3	0	27.8	0.0	+3.1	41	+5	23	+5	18	-2	0	103	93	
	[illegible]	1004.0	-2.4	-6.0	S	2	0	28.0	-1.0	+1.4	40	+4	22	+4	60	+18	0	101	149	

Time of Observations: 9 00

General Situation

Over the Delta the pressure continues to rise, but over the west of Egypt and in Upper Egypt the pressure is falling, and there are indications of a depression over the interior of Tripoli.

لا يزال الضغط آخذا في الارتفاع فوق الدلتا ولكنه آخذ
الهبوط فوق غرب مصر وصعيد العليا وهناك ما يدل على
وجود انخفاض فوق داخلية طرابلس

Hours	Speed	Direction
500	5	SSW
1000	5	NE
1500	10	NNE
2000	15	NNE
2300	15	WNW

Forecast for 24 hours from noon to-day.

On the coast light southerly winds. Inland light variable winds, chiefly southerly, becoming easterly later.
Clear or occasional high cloud.
Milder.

رياح خفيفة جنوبية على الساحل ورياح مختلفة الاتجاه
اكثرها جنوبية تتحول الى شرقية في الداخل
السماء صحو أو يظهر بها قبعة السحاب العالي أحيانا
الطقس أميل الى الدفء

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	53	-11	10.1	-1.0
Ezbekiya	53	-11	8.9	-1.6
Giza	63	-2	9.1	—
Helwan	49	-4	8.5	-0.8

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by gauges m³ per sec

DATE	1931	1930
9-2	751	1205
8-2	814	1227

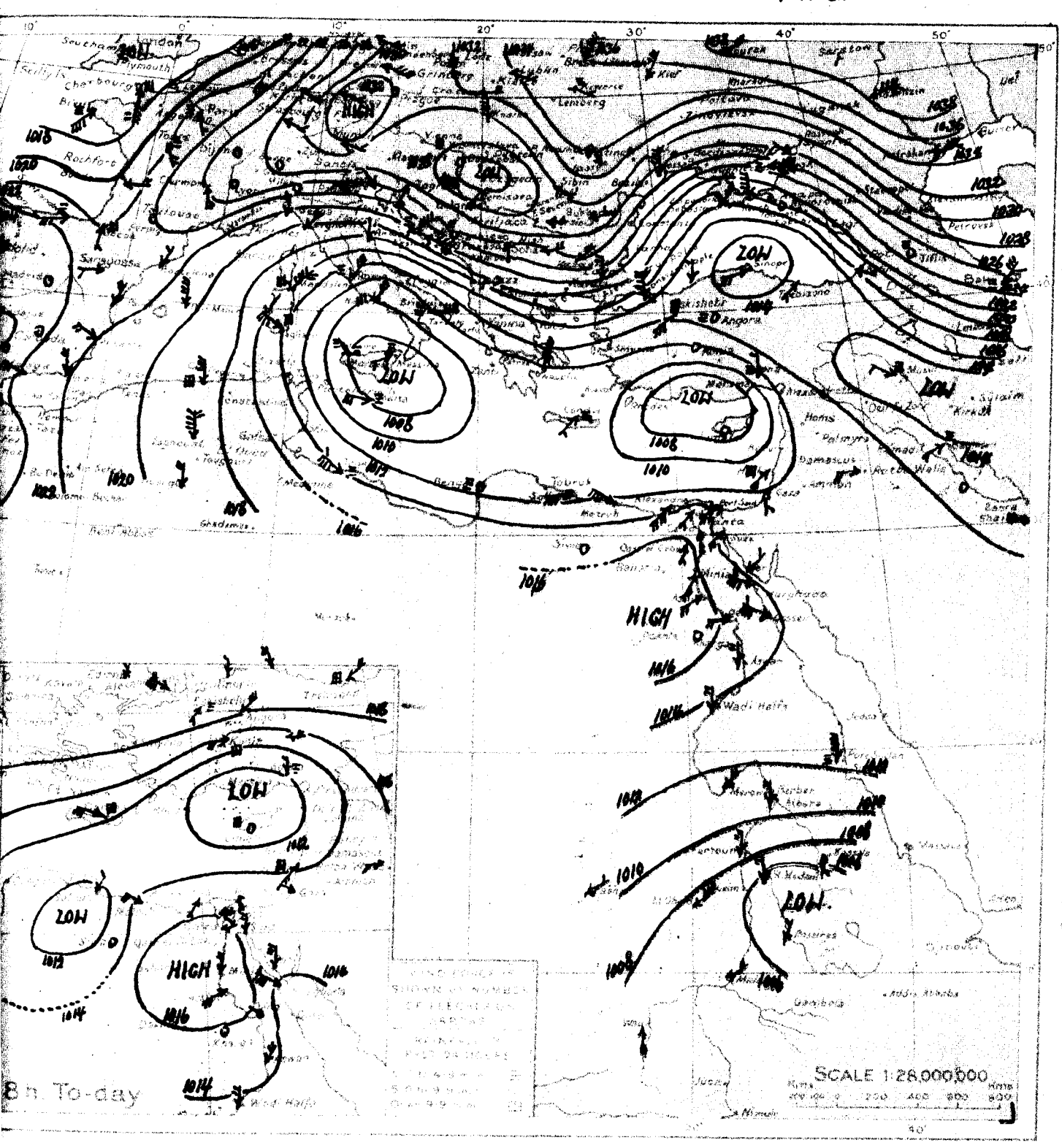
GAUGE	Date	Reading	Diff from normal	Provisional: Reading	Provisional: Diff from normal
	1931	m.	m.	m.	m.
Juba	9-2	13.28	0.00	13.28	-0.01
Nassir	8-2	5.10	-0.38	5.11	-0.39
Malakal	9-2	9.95	-0.66	9.97	-0.66
Roseires	10-2	11.58	-0.17	11.60	-0.16
Sennar Res.	9-2	20.60	—	20.62	—
Makwar	9-2	4.54	-0.96	4.54	-0.97
Khartoum	10-2	10.09	-0.56	10.10	-0.57
Kh. el Girba					
Atbara	9-2	9.89	-0.51	9.91	-0.50
Wadi Halfa	9-2	1.41	-0.71	1.42	-0.72
Aswan Res.	9-2	113.18	—	113.25	—
" D.S.	9-2	85.43	-0.51	85.54	-0.42
El Leithi	10-2	17.20	-0.56	17.22	-0.56
Roda (Cairo)	10-2	15.75	+0.27	15.73	+0.27

PRINTED AT THE SURVEY OF EGYPT 1526(29/55W) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٢-٩ Barometer and Wind at 8 h. Yesterday 9.2.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٢-٩ From Observations taken at 8 h. yesterday 9.2.31.

	STATION	PRESSURE: Reduced to Sea Level	PRESSURE: Diff. from yesterday	PRESSURE: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in past 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Maximum yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1st to yesterday	RAINFALL: Normal from Oct. 1st to yesterday	SEA
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.8	+5.4	-3.5	NE	4	4	5	+2	—	—	—	2	—	60	—	tr.	—	421	—
	MALTA	1007.7	-0.9	-6.2	NNW	3	4	8	-3	—	14	-1	6	-4	70	—	3	300	325	2
	ATHENS	1012.8	+4.1	-5.0	NNE	4	4	8	0	—	—	—	—	—	70	—	—	—	242	—
	CANDIA	1010.6	+4.2	-6.4	SW	1	4	12	-2	—	17	+2	9	0	—	—	2	365	327	2
	LIMASSOL	1007.9	+2.5	-8.4	—	0	2	14	-1	—	18	0	8	+1	—	—	0	373	326	1
SUDAN	Atbara	1010.3	-0.8	-3.9	N	2	0	22.0	+0.5	+2.7	34	+3	18	+4	36	+11	0	0	1	—
	Wad Medani	1005.9	-2.7	-7.0	N	2	0	24.0	-1.5	+3.3	41	+6	20	+5	29	-1	0	8	13	—
	El Fasher	1006.0	-0.6	—	ENE	1	0	19.0	-1.0	+3.6	39	+6	14	+4	30	+2	0	1	8	—
	Halfa	1006.4	+0.2	-3.6	S	2	1	29.0	+3.0	+2.4	41	+5	24	+6	40	-2	0	101	149	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY W

CAIRO, to-morrow

Time of sunrise 06h 42m

" " sunset 17h 41m

From Observations taken at 8h. to-day.

Wednesday 11th February, 1931 ١٩٣١ الاربعاء ١١ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Normal to Yesterday from Oct. 1	Rainfall: Difference	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.8	+1.0	-5.3	NNW	4	4	10.8	-0.6	-1.0	18	—	10	—	69	-5	0	51	68	5	
	MATRUH	1011.4	-3.0	-6.6	NE	2	4	14.0	+4.8	+2.6	20	+2	9	+1	68	-7	0	164	124	3	
	ALEXANDRIA	1010.7	-4.5	-7.3	S	1	1	12.5	+1.2	-0.5	21	+2	10	-1	59	-13	0	88	160	2	
	PORT SAID	1009.9	-5.9	-6.5	SW	2	0	12.1	+1.1	-1.0	21	+2	9	-2	66	-9	0	54	56	2	
	GAZA	—	—	—	S	1	2	9.7	-0.2	-2.5	18	0	7	-1	79	+4	0	151	294		
	HAIFA	1008.0	-5.9	-7.2	SW	2	3	13.9	+0.3	+0.4	20	+2	9	+1	55	-10	0	535	547	2	
LOWER EGYPT	TANTA	1011.0	-4.8	—	S	1	0	9.9	+1.1	—	23	—	7	—	61	—	0	30	—		
	EZBEKIYA	1010.2	-5.4	-8.3	SSE	1	0	8.3	+0.4	-1.9	21	0	6	-2	66	-10	0	16	20		
	GIZA	1010.6	-5.3	-8.4	—	0	0	6.5	-3.3	—	21	+1	1	-5	81	—	0	20	18		
	HELWAN	1010.4	-5.6	-8.1	—	0	0	7.1	-2.9	-3.2	20	0	7	-2	80	+15	0	19	21		
	SIWA	1011.8	-2.1	-6.9	—	0	1	11.2	+4.2	+2.1	—	—	—	—	49	-19	0	35	4		
RED SEA	SUEZ	1009.3	-5.9	-8.7	N	1	0	12.2	+0.4	-0.7	21	+1	9	-1	65	-7	0	18	17	0	
	TOR	1010.2	-4.1	-7.0	NE	1	0	12.1	-1.5	-1.3	21	-1	8	-1	78	+19	0	11	11	1	
	HURGHADA	1009.6	-3.5	—	NNW	4	2	15.4	+0.6	—	21	—	11	—	55	—	0	0		2	
	QOSSEIR	1009.5	—	—	WNW	3	3	18.0	—	—	21	—	15	—	44	—	0	15		2	
UPPER EGYPT	GEBALI	1011.1	-5.5	-7.6	W	1	0	9.6	+1.6	-0.1	20	-1	5	-1	71	-2	0	17			
	MINIA	1010.6	-5.8	—	WNW	2	2	9.8	+0.6	-0.4	21	0	5	-2	74	-1					
	ASYUT	1011.8	-4.4	-7.6	SW	2	0	9.8	+0.8	-0.6	21	-1	7	0	70	+5	0	7			
	QENA	1011.2	-4.2	—	W	2	0	11.6	+0.1	-0.2	22	-3	9	+1	68	+5					
	KHARGA	1011.5	-4.3	—	WNW	1	0	12.0	+0.2	—	21	—	7		39		0	1			
	ASWAN	1010.6	-3.6	-7.5	NE	1	1	14.9	+0.4	+1.6	24	-2	12	+2	34	-14					
	WADI HALFA	1011.8	-1.3	-6.4	—	0	0	13.2	-0.6	+1.4	23	-3	10	+1	39	-6					
	KHARTOUM	1009.1	-1.6	-6.7	NE	2	0	21.1	+3.5	+4.3	33	+2	16	+3	22	-8	0	0	1		
	KASSALA	1010.7	-0.4	-3.4	N	2	0	22.5	+1.0	+3.1	35	+4	19	+5	37	+12	0	0	1		
	HALFA	1007.8	-1.5	-5.6	—	0	0	22.1	+1.6	+3.8	37	+6	18	+3	33	+8	0	1	5		
	PORT SUDAN	1007.9	-2.7	-7.1	SW	1	4	24.2	+0.8	+1.5	27	0	22	+3	72	+8	0	29	102	1	
	SINKAT	1006.6	+0.2	-5.2	—	0	0	23.0	-1.5	+0.5	38	+3	19	+2	63	+5	0	0	11		
	WADI MEDANI	1003.6	-2.2	-7.6	NNE	1	0	26.5	-1.0	+4.1	41	+4	21	+5	34	-3	0	33	37		
	KASSALA	1005.1	-0.5	-5.7	NNE	4	2	29.8	+2.0	+5.1	42	+6	24	+6	17	-3	0	103	93		

Hourly Sea Observations at Alexandria at 9 00

Hours	Force	Direction
0600	5	S
1000	10	NSW
1500	15	W
2000	25	W
2300	40	W

General Situation

Pressure over Egypt remains very low and a depression centred near Cyprus has deepened. There is a steep gradient of pressure from the Balkans towards Egypt.

لا يزال الضغط فوق مصر منخفضا وقد ازداد الانخفاض الذي فوق قبرص غورا وانحدار الضغط كبير من البلقان نحو مصر.

Forecast for 24 hours from noon to-day.

On the coast moderate south to west winds. Inland light to moderate winds, chiefly southerly. Some medium cloud. Remaining mild.

رياح معتدلة بين جنوبية وغربية على الساحل ورياح بين الخفيفة والمعتدلة أكثرها جنوبية في الداخل. قليل بعض السحب المتوسط الارتفاع. يستمر الطقس مائلا للدفء.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	46	-16	9.8	-1.3
Ezbekiya	54	-10	8.7	-1.8
Giza	51	-14	9.3	—
Helwan	34	-19	7.7	-1.6

NOTE. A dash means that figures are not available

Terms of Subscription. By Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m3 per sec. DATE	1931	1930
10.2	645	1198
9.2	751	1205

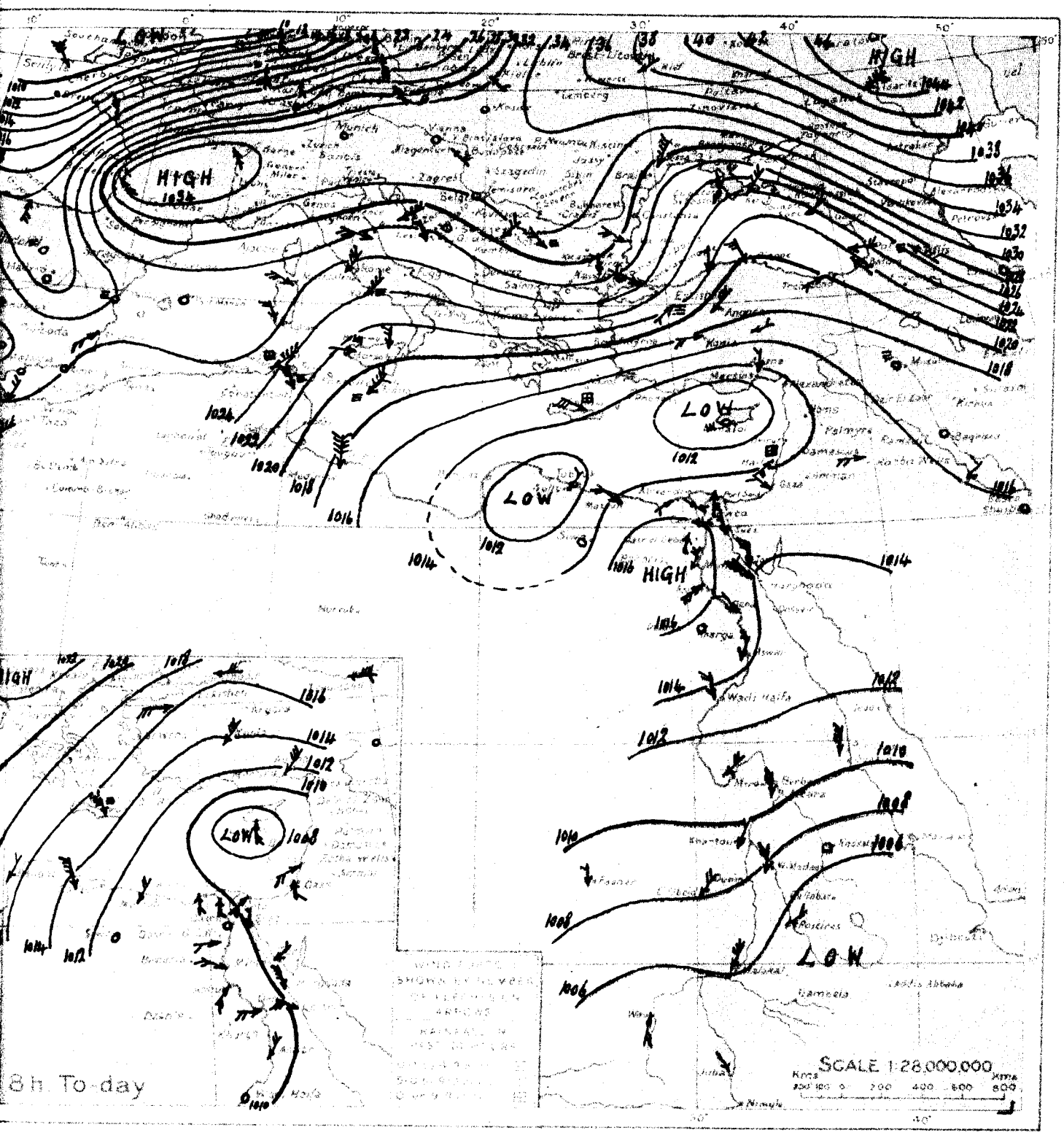
Gauge	Date 1931	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff m
Juba	10.2	13.27	-0.01	13.28	0.00
Nasser	9.2	5.10	-0.36	5.10	-0.38
Malakal	10.2	9.94	-0.65	9.95	-0.66
Roseires	11.2	11.56	-0.17	11.58	-0.17
Sennar Res.	10.2	20.57	—	20.60	—
Makwar	10.2	4.54	-0.95	4.54	-0.96
Khartoum	10.2	10.09	-0.56	10.10	-0.57
Kh. el Girba					
Atbara	10.2	9.89	-0.51	9.89	-0.51
Wadi Haifa	11.2	1.38	-0.70	1.39	-0.71
Aswan Res	10.2	113.21	—	113.18	—
" D.S.	10.2	85.31	-0.61	85.43	-0.51
El Leithi	11.2	17.16	-0.58	17.20	-0.56
Roda (Cairo)	10.2	15.75	+0.27	15.73	+0.27

PRINTED AT THE SURVEY OF EGYPT 1928/29/59/61 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٠-٢-٣١. Barometer and Wind, at 8 h. Yesterday 10·2·31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Rough	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٠-٢-٣١. From Observations taken at 8 h. yesterday 10·2·31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1024.7	+11.9	+8.4	NE	3	0	4	-1	—	10	—	2	—	60	—	—	—	424	—
	MALTA	1017.0	+9.3	+1.1	NE	5	1	12	+4	—	11	-4	8	-2	70	—	drops	300	326	3
	ATHENS									—						—		—		—
	CANDIA	1015.1	+4.5	-1.9	WNW	3	4	11	-1	—	19	+4	9	0	—	—	26	391	330	7
	LIMASSOL	1011.1	+3.2	-5.1	—	0	1	11	-3		17	-1	8	+1	—	—	8	381	329	1
EGYPT and SUDAN	Atbara عطبرة	1011.1	+0.8	-3.0	N	3	0	21.5	-0.5	+2.2	36	+5	18	+4	32	+7	0	0	1	—
	Kassala كسلا	1006.4	+0.1	-5.5	—	0	0	24.5	0.0	+2.1	38	+3	22	+5	64	+6	0	0	11	—
	Roseires [illegible]	1005.8	+1.5	-5.4	NE	1	0	27.5	+0.5	+5.2	41	+4	22	+6	30	-7	0	33	37	—
	Juba جوبا	—	—	—	NW	—	0	30.0	-0.5	—	42	—	—	—	41	—	0	75	144	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 37

" " sunset 17 41

From Observations taken at 8h. to-day.

Thursday 12th February, 1931 — ١٩٣١ — الخميس ١٢ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.7	+3.9	-1.3	WNW	3	0	8.2	-2.6	-3.6	[illegible]	—	8	—	81	+7	0	51	68	5
	MATRUH	1015.2	+3.8	-2.7	WNW	4	3	9.1	-4.9	-2.4	16	-2	8	0	88	+13	1	165	125	8
	ALEXANDRIA	1013.5	+2.8	-4.5	W	7	3	13.3	+0.8	+0.3	19	0	10	-1	59	-13	1	89	161	6
	PORT SAID	1012.2	+2.3	-4.2	NSW	4	0	11.6	-0.5	-1.5	20	+1	10	-1	80	+5	0	54	56	5
	GAZA	—	—	—	SW	2	4	11.3	+1.6	-1.0	17	-1	9	+1	89	+14	25	176	297	
	HAIFA	1011.6	+3.6	-3.5	SSW	3	4	14.0	+0.1	+0.4	19	+1	10	+2	69	+5	15	550	550	4
LOWER EGYPT	TANTA	1014.4	+3.4		SW	1	2	9.0	-0.9	—	21	—	7	—	87		drops	30	—	
	CAIRO: EZBEKIYA	1015.5	+5.3	-2.9	W	2	0	9.9	+1.6	-0.4	21	6	7	-1	63	-12	drops	16	21	
	CAIRO: GIZA	1015.5	+4.9	-3.5	W	3	1	9.4	+2.9	—	22	+2	6	0	71		drops	20	19	
	CAIRO: HELWAN	1016.3	+5.9	-2.1	WNW	3	1	8.9	+1.8	-1.5	19	-1	8	-1	72	+7	0	19	21	
	SIWA	1017.9	+6.1	-0.7	—	0	0	7.5	-3.7	-1.7	—	—	6	+1	79	+12	0	35	4	
RED SEA	SUEZ	1014.0	+4.7	-4.0	SW	2	2	13.2	+1.0	+0.2	20	0	11	+1	64	-8	9	27	17	1
	TOR	1015.1	+4.9	-2.1	N	5	1	16.0	+3.9	+2.5	23	+1	10	0	74	+20	0	11	11	5
	HURGHADA	1014.6	+5.6	—	NNW	5	1	15.9	+0.5	—	22	—	12	—	42	—	0	0		3
	QOSSEIR	1015.1	+5.6	—	WNW	6	0	17.0	-1.0	—	23	—	14	—	32		0	15		6
UPPER EGYPT	GEBALI	1017.6	+6.5	-1.0	W	2	0	10.0	+0.4	+0.2	19	-2	7	+1	62	-11	0	17		
	MINYA	1019.0	+8.4		WNW	2	0	8.5	-1.3	-1.8	21	0	6	-1	83	+8				
	ASYUT	1019.6	+7.8	+0.2	W	3	0	9.2	-0.6	-1.2	19	-3	6	-1	72	+7	0	7		
	QENA	1017.9	+6.7	—	W	3	0	9.8	-1.8	-2.1	24	-1	7	-1	62	-1				
	KHARGA	1020.3	+8.8		—	0	0	11.0	-1.0	—	21	—	5		52		0	1		
	ASWAN	1018.6	+8.0	+0.5	—	0	0	13.8	-1.1	+0.5	26	0	10	-1	45	-3				
SUDAN	WADI HALFA	1019.1	+7.3	+1.0	—	0	0	13.8	-2.4	-1.1	23	-3	9	0	47	+2				
	SEROWE	1011.6	+2.5	-4.1	NNE	7	0	14.6	-6.5	-2.3	31	0	12	-1	33	+3	0	0	1	
	ATBARA																			
	KHARTOUM	1009.4?	+1.6	-4.0	N	4	6	17.4	-4.7	-1.0	35	+4	17	+2	13	-12	0	1	5	
	KOSTI	1010.6	+2.7	-4.3	NW	4	3	25.1	+0.9	+2.4	28	+1	23	+4	65	+1	0	29	102	4
	SENNAR	1012.0	+5.4	+0.2	N	1	0	19.5	-3.5	-3.1	40	+5	19	+2	28	-30	0	0	11	
	KASSALA	1011.1	+7.5	-0.1	NNW	2	0	25.5	-1.0	+3.0	43	+6	23	+7	15	-22	0	33	37	
	EL FASHER																			
	EL OBEID																			
	VALKA	1010.6	+5.5	-0.2	NNE	4	2	27.0	-2.8	+2.2	42	+6	23	+5	11	-9	0	103	93	
	ASU																			
	JUBA																			

Upper Air Observations at 9 30

Height	Kts	Direction
500	50	W
1000	35	WNW
1500	45	WNW
2000		
3000		

General Situation

The depression to the north has deepened and is moving slowly east over Syria. Pressure over Egypt has risen, but there is a shallow depression near the entrance to the Adriatic and pressure over the central Mediterranean is again falling.

الحالة العامة

قد ازداد الانخفاض الذي في الشمال غورا وهو يتحرك شرقا ببطء فوق سوريا وقد ارتفع الضغط فوق مصر ولكن هناك انخفاض قريب الغور عند مدخل الادرياتيك واخذ الضغط في الهبوط ثانية فوق اواسط البحر الابيض

Forecast for 24 hours from noon to-day.

Inland moderate to fresh westerly winds; on the coast fresh, at times strong, westerly winds moderating tomorrow. Much low cloud. Light rain probable in the north. Cooler.

حالة الطقس المتوقعة في خمس عشرة ساعة ظهر اليوم

رياح غربية بين المعتدلة والنشيطة في الداخل ورياح غربية نشيطة بالسواحل تكون شديدة أحيانا ثم تعتدل باكر على الساحل يكثر السحاب المنخفض ويحتمل تساقط مطر خفيف في الشمال الطقس أبرد قليلا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	57	-7	10.6	-0.5
Ezbekiya	59	-4	9.1	-1.5
Giza	69	+6	8.9	—
Helwan	68	+16	8.4	-0.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m3 per sec		
DATE	1931	1930
11-2	605	1186
10-2	645	1198

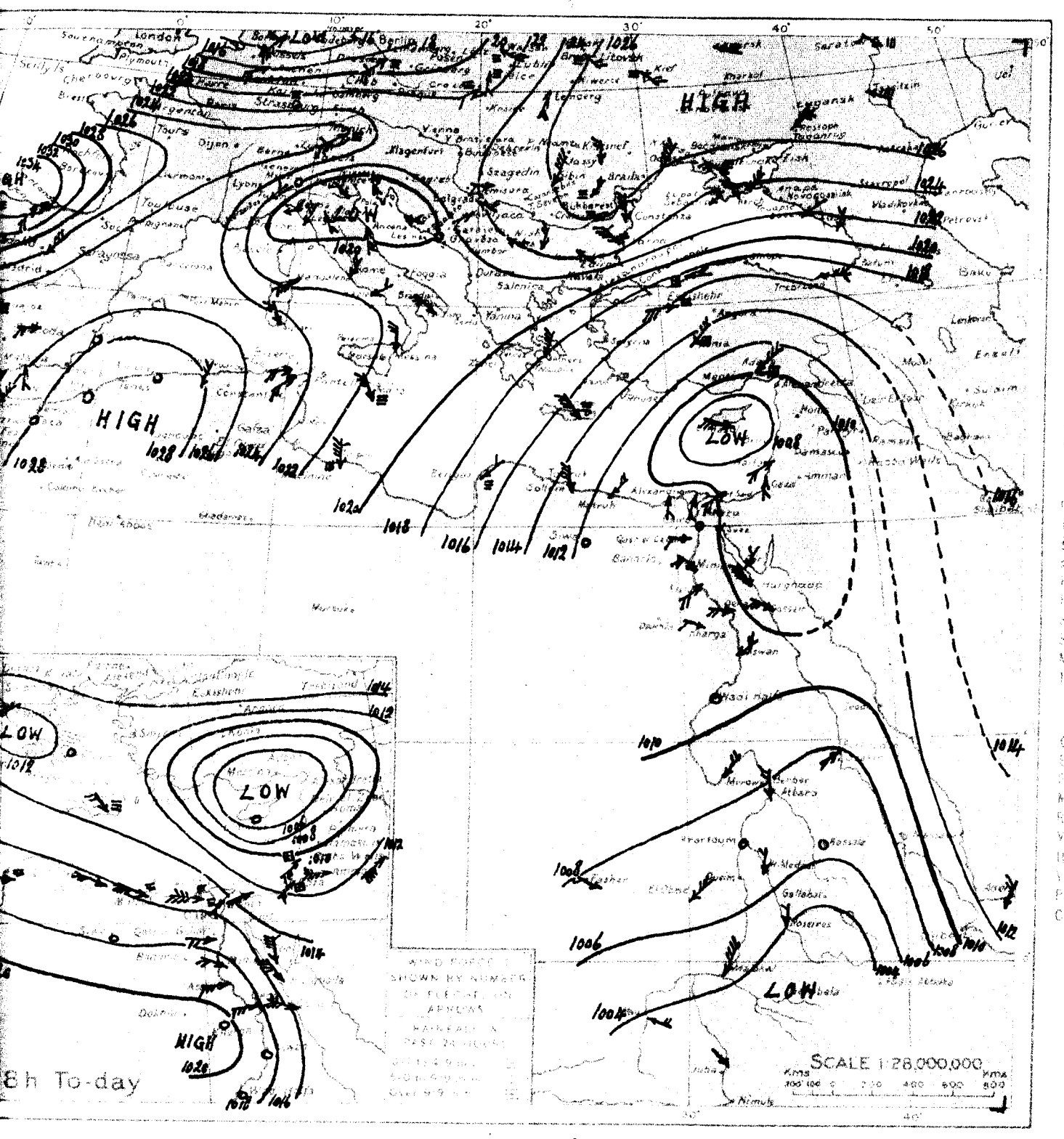
	Date	Reading	Diff. from normal	Reading	Diff.
	1931	m.	m.	m.	m.
Juba	11-2	13.28	0.00	13.27	-0.01
Nassar	9-2	5.10	-0.36	5.10	-0.38
Malakal	11-2	9.93	-0.64	9.94	-0.65
Roseires	12-2	11.54	-0.18	11.56	-0.17
Sennar Res.	10-2	20.57	—	20.60	—
Makwar	10-2	4.54	-0.95	4.54	-0.96
Khartoum	11-2	10.11	-0.52	10.09	-0.56
Kn. el Gerba					
Atbara	11-2	9.89	-0.49	9.89	-0.50
Wadi Halfa	11-2	1.38	-0.70	1.39	-0.71
Aswan Res.	11-2	113.21	—	113.21	—
" D.S.	11-2	85.29	-0.61	85.31	-0.61
El Lethi	12-2	17.16	-0.56	17.16	-0.58
Roda (Cairo)	11-2	15.75	+0.25	15.75	+0.27

PRINTED AT THE SURVEY OF EGYPT 1928(25/559/1) 1930(30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ٢ - ١١ Barometer and Wind at 8 h. Yesterday 11.2.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Raining	5
Misty haze	6
Sand storm	7
Misty fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Ripple	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ - ٢ - ١١ From Observations taken at 8 h yesterday. 11.2.31.

	STATION	BAROMETER Reduced to Sea Level	Correction to Sea Level	Correction to 32° F	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Diurnal Range	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum Yesterday	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Last 24 hours	Total from 1st to yesterday	Normal from 1st to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.1	-3.6	+4.8	NE	2	3	0	-4	—	12	—	-1	—	80	—	—	—	426	—
	MALTA	1021.8	+4.8	+6.0	NNW	3	1	11	-1	—	13	-2	8	-2	50	—	drops	300	328	2
	ATHENS	1017.9	—	+0.1	NNE	3	4	5	—	—	—	—	—	—	60	—	—	—	245	—
	CANDIA	1015.0	-0.1	-2.0	NW	4	4	9	-2	—	13	-2	8	-1	—	—	2	393	332	7
	LIMASSOL	1007.9	-4.2	-8.3	WNW	2	4	12	+1		17	-1	10	+3	—	—	0	381	332	2
EGYPT and SUDAN	Wad Medani	1007.5	+0.3	-5.3	N	2	0	24.5	+2.0	+3.7	39	+4	21	+6	45	+16	0	8	13	—
	El Fasher	1006.4	-2.6	—	NW	1	1	21.5	+2.5	+5.9	38	+7	14	+4	25	-3	0	1	8	—
	El Obeid	1007.6	—	-7.4	NE	3	0	22.2	+2.2	+3.9	35	+4	17	+6	40	+14	0	17	19	—
	Wau	1003.9	-0.1	-6.1	SE	2	1	28.0	0.0	+1.4	40	+4	23	+5	73	+31	0	101	150	—
	Juba	—	—	—	NW	—	0	31.5	+1.5	—	43	—	—	—	48	—	0	75	144	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 36m

" " sunset 17h 42m

From Observations taken at 8h. to-day

Friday 13th February, 1931 — ١٩٣١ — الجمعه ١٣ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. last year	Rainfall: Normal since 1st Oct. last year	Sea
		m.b	m.b	m.b				°C	°C	°C	°C		°C		%		m.m.	m.m.	m.m.	
Mediterranean	SOLLUM	1013·1	-3·6	-4·9	W	4	3	10·3	+2·1	—	17	—	8	—	81	+7	0	51	69	5
	MATRUH	1012·0	-3·2	-5·9	WNW	5	2	10·8	+1·7	-0·7	17	-1	9	+1	87	+12	0	165	126	9
	ALEXANDRIA	1011·6	-1·9	-6·3	W	6	4	13·6	+0·3	+0·5	16	-3	11	0	79	+7	1	90	161	5
	PORT SAID	1011·5	-0·7	-4·8	WSW	5	7	12·3	+0·7	-0·8	18	-1	11	0	63	-12	trace	54	57	5
	GAZA	—	—	—	S	2	3	10·8	-0·5	-1·6	15	-3	9	+1	81	+6	17	193	300	
	HAIFA	1006·8	-4·8	-8·3	SSW	1	4	13·6	-0·4	0·0	18	0	11	+3	70	+6	30	580	553	5
Lower Egypt	TANTA	1012·7	-1·7	—	N	1	4	11·5	+2·5	—	18		9	—	53		drops	30	—	
	EZBEKIYA	1014·0	-1·5	-4·4	SSW	4	1	11·0	+1·1	+0·6	18	+3	9	+1	54	-21	0	16	21	
	GIZA	1013·9	-1·6	-5·0	SSW	4	1	10·7	+1·3	—	18	-2	9	+3	64	—	0	20	19	
	HELWAN	1014·6	-1·7	-3·8	SW	6	2	10·8	+1·9	+0·3	17	-3	8	-1	60	-5	0	19	21	
	SIWA	1015·1	-2·8	-3·4	—	0	0	10·0	+2·5	+0·7	—	—	—	—	76	+9	0	35	4	
Red Sea	SUEZ	1013·6	-0·4	-4·4	S	4	4	14·0	+0·8	+1·0	18	-2	13	+3	57	-15	0	27	17	3
	TOR	1017·1	+2·0	0·0	N	1	2	13·0	-3·0	-0·6	19	-3	9	-1	83	+23	0	11	11	1
	HURGHADA	1016·8	+2·2	—	NW	5	1	14·0	-1·9	—	21	—	7	—	69		0	0		3
	QOSSEIR	1017·8	+2·7	—	W	5	0	16·0	-1·0	—	24	—	11	—	36	—	0	15		4
Upper Egypt	GERGA	1016·6	-1·0	-1·9	WSW	3	0	11·0	+1·0	+1·1	18	-3	8	+2	56	-17	0	17		
	MINIA	1018·0	-1·0	—	SSW	2	0	10·5	+2·0	+0·1	18	-3	7	0	59	-15				
	ASSIUT	1019·0	-0·6	-0·3	SW	2	0	10·7	+1·5	+0·2	17	-5	6	-1	57	-7	0	7		
	KENA	1019·2	+1·3		NW	2	0	8·3	-1·5	-3·7	22	-3	4	-4	67	+7				
	ASWAN	1019·8	-0·5		SSE	1	0	7·7	-3·3	—	20	—	2	—	60		0	1		
	WADI HALFA	1018·0	-0·6	0·0	—	0	0	10·6	-3·2	-2·8	21	-5	7	-4	45	-3				
	KHARTOUM	1019·4	+0·3	+1·3	NW	1	0	9·8	-1·0	-2·1	21	-5	6	-3	45	+1				
	SENNAR	1017·4	—	+1·7	NE	3	0	13·6	-1·0	-3·3	24	-7	9	-4	30	+1	0	0	1	
	ATBARA	1016·3	-0·4	+2·4	N	4	0	17·0	+0·5	-2·5	25	-7	14	0	30	+6	0	0	1	
	KASSALA	1015·5	—	+2·2	NNE	2	0	16·5	-0·9	-1·9	25	-6	15	-1	16	-8	0	1	5	
	FASHODA	1014·8	+4·2	-0·1	NW	4	0	21·4	-3·7	-1·3	28	+1	16	-3	33	-31	0	29	102	4
	KORDOFAN	1013·1	+1·1	+1·4	—	0	0	16·0	-3·5	-6·6	31	-4	14	-3	24	-34	0	0	11	
	FASHER	1011·8	-1·6	-0·4	NW	2	0	18·5	-2·5	-2·4	29	-6	19	+4	14	-15	0	8	13	
	KHARTOUM	1012·0	-0·9	+0·9	NNE	1	0	22·0	-3·5	-0·6	33	-4	19	+2	16	-20	0	33	37	
	SOBAT	1015·5	-0·9		NE	1	0	13·0	-2·0	-2·7	31	-1	8	-2	25	-2	0	1	8	
	MALAKAL	1010·7	+0·1	0·0	NNE	5	1	22·8	-4·2	-2·1	33	-4	20	+2	4	-16	0	103	93	
	ROSEIRES	1011·1	+3·3	+1·2	NW	4	0	24·0	-4·0	-2·6	34	-2	22	+3	17	-25	0	101	150	
	SENNAR DAM	—	—		NNW	6	2	27·5	0·0		41		27		21		0	75	145	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wind Velocity Mean of Day: Yesterday	Wind Velocity Mean of Day: Diff. from normal
	%	%	m/s	m/s
Alexandria	51	-13	10·4	-0·7
Ezbekiya	49	-14	9·4	-1·2
Giza	59	-4	9·4	—
Helwan	53	+1	8·1	-1·3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by gauges m³ per sec

DATE	1931	1930
13-2	655	1195
12-2	668	1187

GAUGE	Date	Reading	Diff. from normal	Previous 24 hours: Reading	Previous 24 hours: Diff. from normal
	1931	m.	m.	m.	m.
Juba	13-2	13·28	0·00	13·28	0·00
Nasser	10-2	5·09	-0·36	5·10	-0·36
Malakal	13-2	9·93	-0·60	9·93	-0·62
Roseires	13-2	11·52	-0·19	11·54	-0·18
Sennar R.s	12-2	20·50	—	20·55	—
Makwar	12-2	4·60	-0·86	4·54	-0·94
Khartoum	11-2	10·11	-0·52	10·09	-0·56
Kh. el Gebel					
Atbara	13-2	9·87	-0·49	9·87	-0·50
Wadi Halfa	13-2	1·33	-0·71	1·36	-0·70
Aswan Res.	13-2	113·22	—	113·23	—
" O.S.	13-2	85·19	-0·67	85·23	-0·65
El Leithi	13-2	17·18	-0·52	17·16	-0·56
Roda (Cairo)	12-2	15·75	+0·24	15·75	+0·20

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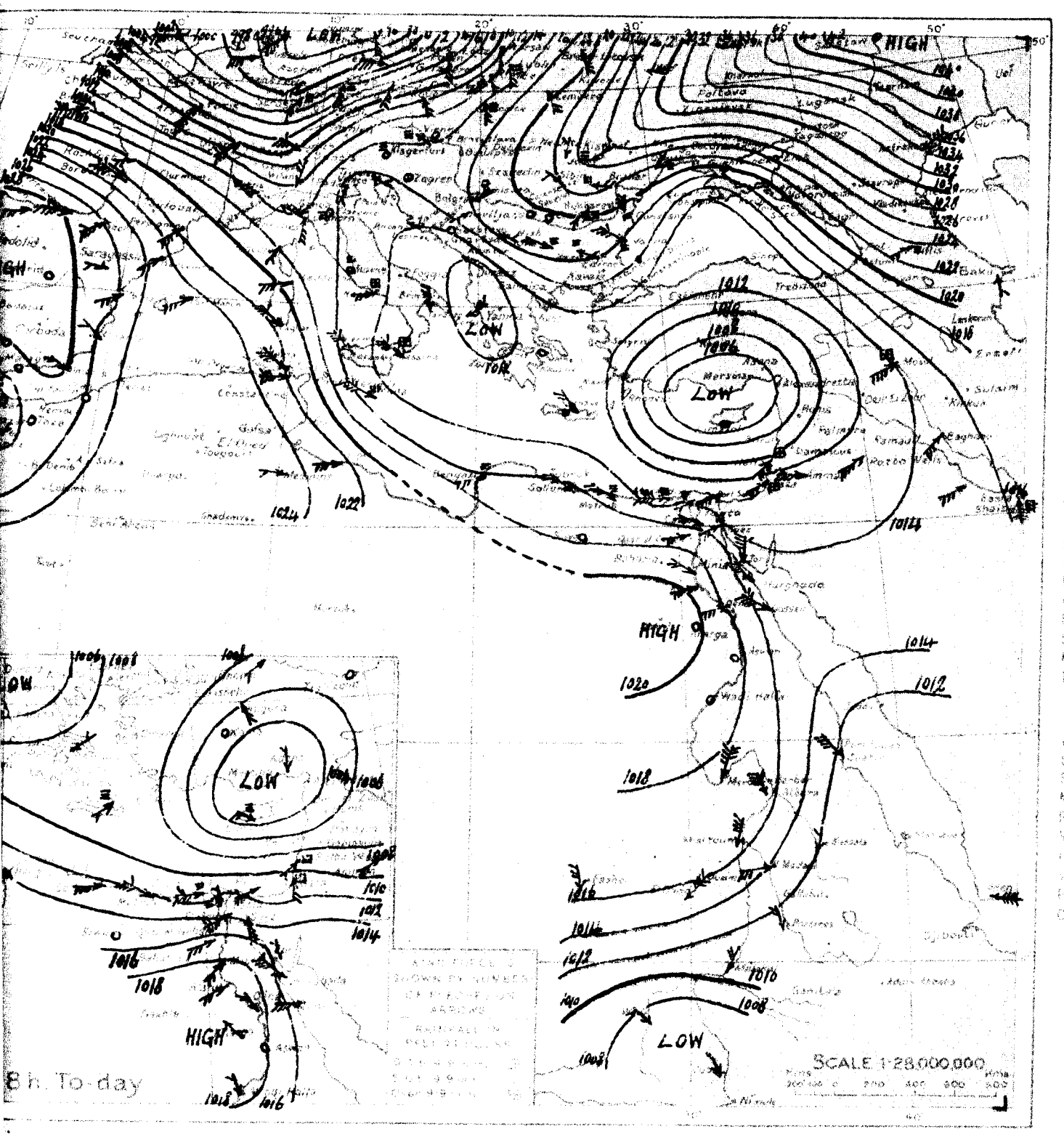
PHYSICAL DEPARTMENT.

REPORT.

.٣١-٢-١٢ Barometer and Wind at 8 h. Yesterday 12.2.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١-٢-١٢ From Observations taken at 8 h. yesterday. 12.2.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. to yesterday	Rainfall: Normal from Oct. to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.8	-5.3	-0.5	—	0	1	4	+4	—	9	—	0	—	—	—	1	—	428	—
	MALTA	1015.4	-6.4	-0.4	WNW	6	4	12	+1	—	13	-2	11	+1	60	—	5	305	330	3
	ATHENS	1013.3	-4.6	-4.3	—	0	3	4	-1	—	—	—	—	—	60	—	—	—	246	—
	CANDIA	1013.8	-1.2	-3.0	NW	2	4	9	0	—	11	-4	6	-3	—	—	1	394	335	4
	LIMASSOL	1004.6	-3.3	-11.4	—	0	3	12	0		17	-1	6	-1	—	—	0	381	334	1
SUDAN	Atbara	1016.7	—	+2.7	NNW	6	0	16.5	-6.0	-2.9	36	+5	16	+4	11	-14	0	8	1	—
	Wad Medani	1013.4	+5.9	+0.7	W	3	0	21.0	-3.5	+0.2	41	+6	19	+4	20	-9	0	8	13	—
	El Fasher	1016.4	+10.0	—	NNW	3	1	15.0	-6.5	-0.6	38	+7	11	+1	53	+26	0	1	8	—
	El Obeid	1015.2	+7.6	+0.3	NE	6	4	18.2	-4.0	-0.2	32	+1	15	+4	43	+20	0	17	19	—
	Wau	1007.8	+3.9	-2.2	NW	1	1	28.0	0.0	+1.4	41	+5	26	+8	60	+18	0	101	150	—
	Juba	—	—	—	NW	—	0	27.5	-4.0	—	41	—	—	—	60	—	0	75	145	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 36

" " sunset 17 43

From Observations taken at 8h. to-day.

Saturday 14th February, 1931 — ١٩٣١ السبت ١٤ فبراير

STATION	Barometer Reduced to Sea Level at 8 h.	Change in last 24 hours	Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff from normal	Max	Diff from normal	Min	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall Last 24 hours	Since 1st Sept.	Since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	—	—	—	SW	2	0	12.3	+2.0	+0.4	17	—	10		87	+13	0	51	70	3
MATRUH	1014.6	+2.6	-3.2	W	3	4	11.3	+0.5	-0.2	16	-2	9	0	78	+3	0	165	127	2
ALEXANDRIA	1016.3	+4.7	-1.6	S	1	4	12.0	-1.6	-1.1	17	-2	10	-1	67	-5	0	90	162	2
PORT SAID	1016.6	+5.1	+0.3	S	4	4	12.2	-0.1	-1.0	18	-1	10	-1	79	+4	0	54	57	4
SUEZ	—	—	—	—	0	1	11.4	+0.6	-1.1	17	-1	9	+1	78	+3	3	196	302	
CAIRO	1014.8	+8.0	-0.3	—	0	4	13.8	+0.2	+0.1	17	-1	10	+2	60	-4	30	610	556	3
TANTA	1016.6	+3.9		SW	1	4	11.1	-0.4		21		9		72		0	30		
ZAGAZIG	1016.8	+2.8	-1.5	SSE	1	4	12.9	+1.9	+2.5	20	-1	10	+2	51	-24	0	16	21	
BILBEIS	1016.7	+2.8	-2.2	SE	1	4	12.1	+1.4	—	19	-1	8	+2	64	—	0	20	19	
MANSURA	1017.1	+2.5	-1.2	SSE	2	2	12.4	+1.6	+1.9	19	-1	11	+2	50	-15	0	19	21	
EL KAB	1015.1	0.0	-3.4	—	0	0	9.1	-0.9	-0.2	—	—	8	+3	88	+21	0	35	4	
ASYUT	1015.6	+2.0	-2.4	E	2	0	12.9	-1.1	-0.2	20	-1	10	0	66	-6	0	27	17	1
[illegible]	1016.4	-0.7	-0.7	NE	1	0	11.2	-1.8	-2.5	20	-2	7	-3	85	+25	0	11	11	1
KHARGA	1015.8	-1.0		W	5	1	13.5	-0.5		22		6		62		0	0		3
DAKHLA	1015.9	-1.9		WNW	4	0	16.3	+0.3		23		12		40		0	15		3
[illegible]	1017.9	+1.3	-0.6	S	1	0	8.4	-2.6	-1.6	20	-1	5	-1	81	+9	0	17		
[illegible]	1018.0	0.0		W	1	0	7.8	-2.7	-2.7	20	-2	4	-3	86	+12				
[illegible]	1018.2	-0.8	-1.0	SW	3	0	9.6	-1.1	-1.0	19	-3	6	-1	75	+6	0	7		
[illegible]	1017.6	-1.6		—	1	0	8.8	+0.5	-3.4	21	-4	4	-4	50	-12				
[illegible]	1017.5	-2.3		—	0	0	10.5	+2.8		22		4		37		0	1		
[illegible]	1017.0	-1.0	-1.0	—	0	0	10.5	-0.1	-3.0	21	-5	6	-5	51	+4				
[illegible]	1016.7	-2.7	-1.3	—	0	0	9.0	-0.8	-3.0	21	-5	3	-6	48	+4				
[illegible]	1015.0	-2.4	-0.6	NE	2	0	13.1	-0.5	-3.8	25	-6	8	-5	34	+5	0	0	1	
[illegible]	1015.0	-1.3	+1.1	N	2	0	18.7	+1.7	-0.9	27	-5	14	0	40	+16	0	0	1	
[illegible]	1013.4	-2.1	+0.2	NNE	1	0	18.1	+1.6	-0.4	26	-5	15	-1	16	-8	0	1	5	
[illegible]	1013.5	-1.3	-1.3	NW	3	3	21.3	-0.1	-1.4	25	-2	17	-2	53	-11	0	29	102	3
[illegible]	1013.9	+2.1	+1.3	NW	2	0	20.0	+1.5	-0.9	31	-4	16	+1	11	-18	0	8	13	
[illegible]	1011.4	-4.1		NE	1	1	16.0	+3.0	+0.3	31	-1	8	-2	29	+2	0	1	8	
[illegible]	1010.7	0.0	0.0	NNE	3	0	25.0	+2.2	+0.1	35	-2	21	+2	8	-12	0	103	93	

General Situation

9 00 The depression has now passed to Asia Minor and has almost filled up. Pressure over Egypt has risen. A deep depression is centred over the Adriatic and another north of Sicily, and pressure west of Egypt is falling very rapidly.

قد ترك الانخفاض الى آسيا الصغرى وكاد يمتلئ وقد ارتفع الضغط فوق مصر وهناك انخفاض عميق فوق بحر الادرياتيكي وآخر بشمال صقلية والضغط غرب مصر آخذ في الهبوط بسرعة كبيرة

Forecast for 24 hours from noon to-day.

8.00	10	S
10.00	10	WSW
12.00	10	WSW
14.00	15	SW
16.00	20	W

Light to moderate southerly winds.
Some high cloud.
Mild.

رياح جنوبية بين الخفيفة والمعتدلة
يظهر فيها السحاب العالي
الطقس مائل للدفء

STATION	Humidity Mean of Day		Wind Mean Velocity	
	Mean	Diff. from normal	Mean	Diff. from normal
	%	%		
Alexandria	69	+5	12.1	+1.0
Ezbekiya	49	-14	9.4	-1.2
Giza	59	-4	9.4	—
Helwan	51	-1	9.6	+0.2

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharge of Assiut measured by Sudd m3 per sec

DATE	1930	1931
13-2	655	1195
12-2	668	1187

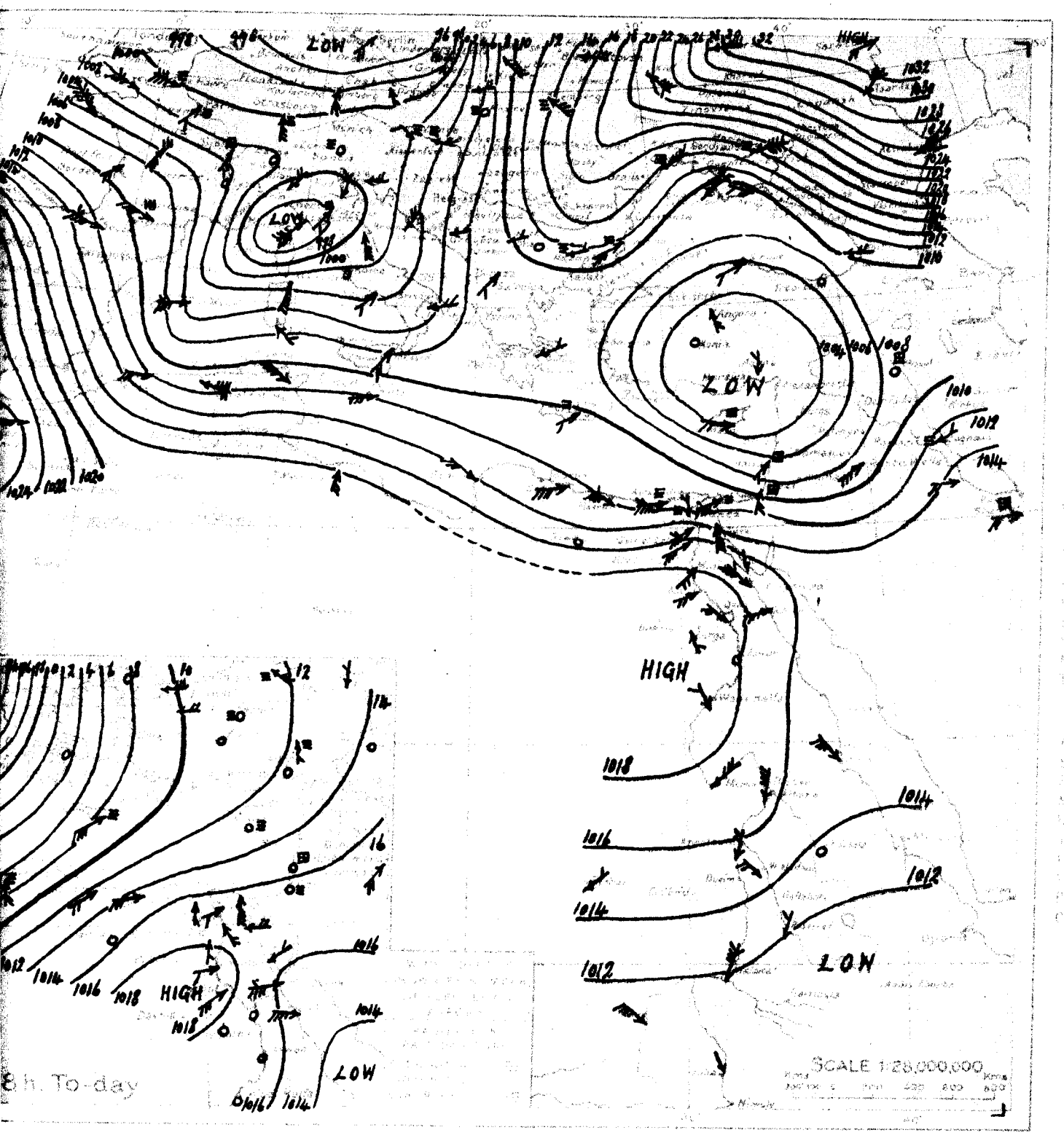
Juba	13-2	13.28	0.00	13.28	0.00
Nasser	10-2	5.09	-0.36	5.10	-0.36
Malakal	13-2	9.93	-0.60	9.93	-0.62
Roseires	14-2	11.51	-0.19	11.52	-0.19
Sennar Res	12-2	20.50	—	20.55	—
Makwar	12-2	4.60	-0.86	4.54	-0.94
Khartoum	11-2	10.11	-0.52	10.09	-0.56
Kh. el Gerba					
Atbara	13-2	9.87	-0.49	9.87	-0.50
Wadi Halfa	14-2	1.32	-0.70	1.33	-0.71
Aswan Res	13-2	113.22	—	113.23	—
" D.S.	13-2	85.19	-0.67	85.23	-0.65
El Lessan	14-2	17.18	-0.49	17.18	-0.52
Roda (Cairo)	12-2	15.75	+0.24	15.75	+0.25

PRINTED AT THE SURVEY OF EGYPT 1520(29/699/1) 1930 30/556

PHYSICAL DEPARTMENT.

REPORT.

.٣١-٢-١٣ Barometer and Wind at 8 h. Yesterday 13.2.31.



.٣١-٢-١٣ From Observations taken at 8 h yesterday 13.2.31.

														HUMIDITY		RAINFALL			
																			SEA
	1002.4	-13.4	-13.9	—	0	—	6	+2		10	—	4	—	80	—	—	—	430	—
MALTA	1012.0	-3.4	-3.6	W	4	4	12	0		13	-2	11	+1	70	—	0	305	332	3
ATHENS	1008.6	-4.7	-9.0	ENE	1	1	6	+2		—	—	—	—	60	—	—	—	247	—
CANDIA	1010.3	-3.5	-6.5	SW	1	4	9	0		15	0	6	-3	—	—	1	395	338	3
LIMASSOL	1003.5	-1.1	-12.5	WNW	2	4	12	0		16	-2	7	0	—	—	2	383	337	2

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 h 35 m

" " sunset 17 h 44 m

From Observations taken at 8h. to-day.

Sunday 15th February, 1931 — ١٩٣١ الأحد ١٥ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum last night	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Amount yesterday	Rainfall: Total since 1st Oct.	Rainfall: Total last year to date	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.6	—	-6.2	SSW	5	2	12.6	+0.3	+0.7	[illegible]	—	10	—	50	-24	0	51	70	6
	MATRUH	1015.0	+0.4	-2.8	SW	4	2	9.4	-1.9	-2.3	19	+1	7	-2	66	-9	0	165	128	3
	ALEXANDRIA	1017.8	+1.5	-0.1	SSE	1	1	12.2	+0.2	-1.0	21	+2	9	-2	70	-2	0	90	163	2
	PORT SAID	1017.6	+1.0	+1.4	SE	3	0	14.3	+2.1	+1.0	21	+2	11	0	88	+13	0	54	57	1
	GAZA																			
	HAIFA	1017.4	+2.6	+2.4	NNE	1	0	16.2	+2.4	+2.5	19	0	10	+2	60	-4	0	610	559	2
CAIRO & EGYPT	TANTA	1017.6	+1.0	—	NE	1	0	10.6	-0.5		22		9	—	77	—	0	30		
	EZBEKIYA	1017.5	+0.7	-0.7	SSE	1	0	9.4	-3.5	-1.1	21	0	7	-1	69	-6	0	16	21	—
	GIZA	1017.1	+0.4	-1.7	—	0	1	8.0	-4.1	—	22	+2	4	-2	88	—	0	20	19	
	HELWAN	1017.8	+0.7	-0.4	ENE	1	0	12.1	-0.3	+1.5	20	0	8	-1	50	-15	0	19	22	
	SIWA	1013.0	-2.1	-5.4	NE	1	0	11.0	+1.9	+1.6	—	—	—	—	55	-12	0	35	4	
RED SEA	SUEZ	1015.9	+0.3	-2.0	N	1	0	12.0	-0.9	-1.2	21	0	9	-1	75	+3	0	27	17	0
	TOR	1015.9	-0.5	-1.1	NE	1	0	11.8	+0.6	-2.0	20	-2	7	-3	80	+20	0	11	11	1
	HURGHADA	1016.0	+0.2		NNW	5	0	15.0	+1.5		20		8		49		0	0		3
	QOSSEIR	1016.8	+0.9		WNW	4	0	17.9	+1.6		22		13		49		0	15		2
UPPER EGYPT	GERGA	1018.2	+0.3	-0.2	NW	1	0	9.0	+0.6	-1.1	20	-1	5	-1	73	+1	0	17		
	MINIA	1018.0	0.0		NNW	2	0	9.8	+2.0	-0.8	20	-2	4	-3	74	0				
	ASSIUT	1017.9	-0.3	-1.2	NNE	3	0	9.9	+0.3	-0.8	20	-2	6	-1	64	0	0	7		
	QENA	1018.3	+0.7		NW	1	0	9.6	+0.8	-2.8	23	-2	5	-3	66	+4				
	KHARGA	1018.2	+0.7		—	0	0	9.0	-1.5		22		4		54		0	1		
	ASWAN	1018.2	+1.2	+0.3	—	0	0	11.5	+1.0	-2.1	22	-4	7	-4	58	+11				
	WADI HALFA	1016.6	-0.1	-1.3	N	1	0	9.4	+0.4	-2.7	22	-5	6	-3	46	+2				
	KOROSKO	1015.2	+0.2	-0.4	NE	2	0	15.6	+2.5	-1.4	29	-2	9	-4	22	-7	0	0	1	
	ATBARA																			
	KHARTOUM	1013.5	+0.1	+0.3	NNE	2	0	19.0	+0.9	+0.5	31	-1	15	-1	16	-8	0	1	5	
	PORT SUDAN	1014.8	+1.3	+0.1	NW	2	4	22.9	+1.6	+0.2	25	-2	20	+1	55	-9	0	29	102	2
	[illegible]	1009.6	-1.1	-1.4	NNE	1	1	26.5	+4.5	+3.7	37	0	21	+4	17	-19	0	33	37	
	[illegible]	1010.3	-0.4	-0.3	N	3	2	27.3	+2.3	+2.3	39	+2	24	+5	9	-11	0	103	93	
	[illegible]	1009.4	+0.1	-0.5	SW	2	1	22.0	-3.0	-4.7	—	—	22	+3	66	+24	0	101	150	

General Situation

9 00

Upper Egypt is an area of high pressure. Over the west of Egypt pressure is slowly falling. The Mediterranean depression, which is very deep, is centred near the foot of Italy, and a sharp gradient of pressure from Egypt to Malta has resulted.

هذه ارتفاع فوق مصر العليا والضغط آخذ في الهبوط ببطء في غرب مصر ويوجد انخفاض البحر الأبيض الآن بجنوب إيطاليا وهو عميق جدا وينتج عن ذلك وجود انحدار كبير للضغط بين مصر ومالطة

500	20	SSE
CCC	10	S
[illegible]	5	S
[illegible]	20	SSE

Forecast for 24 hours from noon to-day.

Inland light southeasterly winds; on the coast moderate southerly winds, strengthening tomorrow. Clear at first, high cloud increasing later. Remaining mild.

رياح خفيفة جنوبية شرقية في الداخل ورياح معتدلة جنوبية تزداد شدة بالتدريج على الساحل السماء صحو في البدء ثم يزداد السحاب العالي يستمر الطقس مائلا للدفء

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	59	-5	12.0	+0.9
Ezbekiya	51	-12	10.2	-0.5
Giza	61	-2	10.3	—
Helwan	43	-9	9.8	+0.4

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually

" " " Abroad PT 150

Remarks

Khashm El Girba River

Gauge Reading for 26 & 30/11/1930 published on Nov. 28, 29 & Dec. 3-6, 1930 should read 10.38 & 10.38 instead of 10.40 & 10.36 M. respectively.

مقياس خشم القربة عيار يوم ٢٦ و ٣٠ نوفمبر المذكوره بتقارير الأيام ٢٨ و ٢٩ نوفمبر و ٣-٦ ديسمبر هي ١٠,٣٨ و ١٠,٣٨ بدلا من ١٠,٤٠ و ١٠,٣٦ مترا على الترتيب

Discharges at Aswan measured by gauges m.3 per sec

DATE	1931	1930
14-2	643	1187
13-2	655	1195

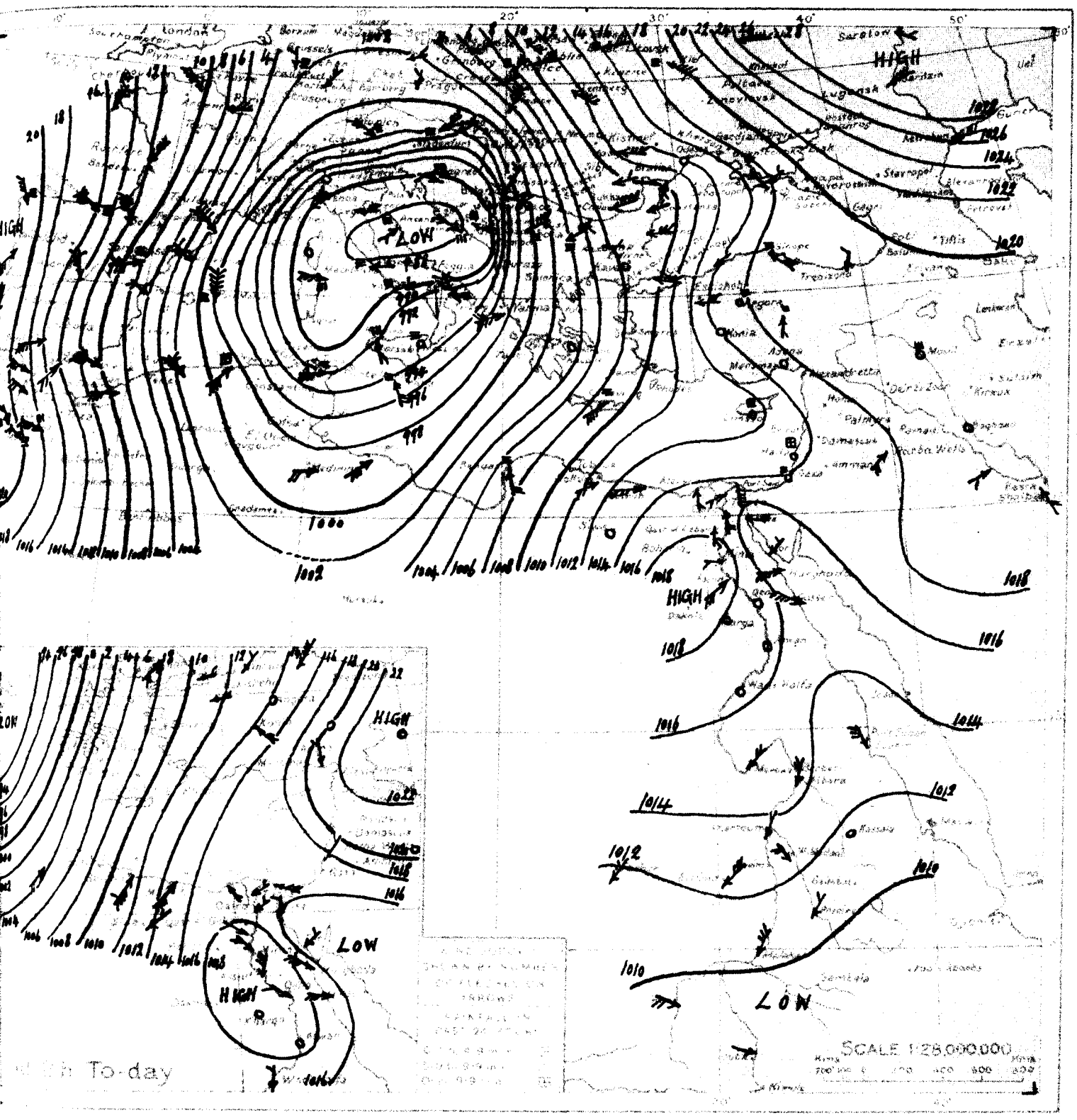
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
		m	m	m	m
Juba	14-2	13.30	+0.02	13.28	0.00
Nasser	12-2	5.65	-0.36	5.06	-0.37
Malakal	15-2	9.93	-0.56	9.93	-0.58
Roseires	14-2	11.51	-0.19	11.52	-0.19
Sennar Res.	12-2	20.50	—	20.55	—
Makwar	12-2	4.60	-0.86	4.54	-0.94
Khartoum	14-2	10.07	-0.50	10.03	-0.56
Kh. el Gieba					
Atbara	14-2	9.86	-0.49	9.87	-0.49
Wadi Halfa	14-2	1.32	-0.70	1.33	-0.71
Aswan Res	14-2	113.22	—	113.22	—
" D.S.	14-2	85.16	-0.68	85.19	-0.67
El Leithi	15-2	17.18	-0.48	17.18	-0.49
Roda (Cairo)	14-2	15.75	+0.21	15.75	+0.23

PRINTED AT THE SURVEY OF EGYPT 1930(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.21-2-14 Barometer and Wind at 8 h. Yesterday 14.2.31.



WIND VELOCITY

	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 above 104		12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

.21-2-14 From Observations taken at 8 h. yesterday. 14.2.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Correction for Height	BAROMETER Reduced to Sea Level and Height	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Maximum in 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Minimum in 24 hours	TEMPERATURE Diff. from normal	HUMIDITY Mean for 24 hours	HUMIDITY Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Jan. 1st to yesterday	RAINFALL Normal from Jan. 1st to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	988.7	-13.7	-27.5	E	1	4	6	0	—	11	—	5	—	80	—	1	—	433	—
MALTA	995.0	-17.0	-20.6	SSE	3	4	12	0	—	14	-1	11	+1	80	—	drops	305	334	2
ATHENS	1003.4	-5.2	-14.2	—	0	4	11	+5	—	—	—	—	—	70	—	—	—	249	—
CANDIA	1009.3	-1.0	-7.5	SW	4	3	14	+5	—	19	+4	8	-1	—	—	1	396	340	4
LIMASSOL	1013.4	+9.9	-2.5	—	0	1	14	+2		16	-2	7	0	—	—	1	284	340	1
Kassala	1010.2	-2.9	-1.5	—	0	0	22.5	+6.5	-0.1	32	-3	16	-1	51	-6	0	0	11	—
Roseires	1010.7	-1.3	-0.3	NNE	1	0	22.0	0.0	-0.7	34	-3	18	+1	22	-14	0	33	37	—
El Obeid	1012.6	—	-2.2	NE	3	4	18.3	—	-0.3	28	-4	11	0	28	+3	0	17	19	—
Wau	1009.3	-1.8	-0.6	NW	2	0	25.0	+1.0	-1.6	36	0	20	+1	31	-11	0	101	150	—
Juba	—	—	—	NW	—	0	28.0	+0.5	—	37	—	—	—	36	—	0	75	145	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 34m

" " sunset 17h 44m

From Observations taken at 8h. to-day.

Monday 16th February, 1931 ١٩٣١ الاثنين ١٦ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total to date	Rainfall: Total last year to date	Rainfall: Total last year	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.8	-1.8	-8.0	SSW	4	0	15.4	+2.8	+3.4	[illegible]	—	—	—	45	-29	0	51	71	6	
	MATRUH	1012.4	-2.6	-5.3	S	5	3	15.0	+5.6	+3.2	22	+4	9	0	49	-26	0	165	129	3	
	ALEXANDRIA	1016.0	-1.8	-1.8	SSE	1	3	13.2	+1.0	0.0	23	+3	11	0	64	-8	0	90	164	2	
	PORT SAID	1016.6	-1.0	+0.5	SE	1	2	13.2	-1.1	-0.1	20	+1	10	-1	75	0	0	54	58	1	
	GAZA	—	—	—	NW	2	2	16.7	+4.6	+4.1	21	+3	11	+3	55	-20	0	196	308		
	HAIFA	1017.8	+0.4	+2.8	SSE	2	3	15.6	-0.6	+1.8	19	0	11	+3	66	+2	0	610	562	4	
LOWER EGYPT	TANTA	1016.4	-1.2	—	NE	1	4	10.7	+0.1	—	24	—	8	—	89	—	0	30	—		
	ZAGAZIGEBERIYA	1016.0	-1.5	-2.1	SSE	1	3	11.1	+1.7	+0.5	24	+3	8	0	70	-5	0	16	21		
	BILBEIS	1016.2	-0.9	-2.6	E	1	3	9.8	+1.8	—	23	+2	6	0	75	—	0	20	19		
	HELWAN	1016.0	-1.8	-2.2	E	1	3	15.3	+3.2	+4.6	22	+2	11	+2	35	-30	0	19	22		
	SIWA	1012.7	-0.3	-5.7	—	0	0	12.0	+1.0	+2.5	—	—	10	+5	48	-19	0	35	4		
RED SEA	SUEZ	1015.2	-0.7	-2.7	—	0	1	13.4	+1.4	+0.2	23	+2	10	0	67	-5	0	27	17	0	
	TOR	1016.0	+0.1	-1.0	—	0	3	14.0	+2.2	+0.1	23	+1	10	0	81	+21	0	11	11	0	
	HURGHADA	1016.3	+0.3	—	NW	5	1	16.4	+1.4	—	23	—	10	—	39		0	0		3	
	QOSSEIR	1016.7	-0.1	—	W	2	3	19.4	+1.5	—	24	—	14	—	42		0	15		2	
UPPER EGYPT	GENEH	1016.8	-1.4	-1.6	SE	1	0	12.0	+3.0	+1.8	23	+2	8	+2	76	+4	0	17			
	MINIA	1016.4	-1.6	—	WNW	1	3	11.0	+1.2	+0.3	23	+1	8	+1	81	+7					
	ASSIUT	1017.0	-0.9	-2.1	S	3	2	11.8	+1.9	+1.0	20	-3	10	+3	69	+5	0	7			
	GIRGA	1017.6	-0.7	—	E	1	2	10.8	+1.9	-1.8	25	0	8	0	51	-11					
	KHARGA	1015.9	-2.3		—	0	3	12.8	+3.8	—	24	—	8	—	45		0	1			
	ASWAN	1016.8	-1.4	-1.0	—	0	3	13.5	+2.0	-0.2	24	-2	9	-2	49	+2					
	WADI HALFA	1016.0	-0.6	-1.8	—	0	0	11.4	+2.0	-0.8	24	-3	6	-3	43	0					
	KERMA	1014.6	-0.6	-0.9	NE	2	0	18.6	+3.0	+1.6	31	0	13	0	17	-12	0	0	1		
	ATBARA																				
	KHARTOUM	1013.4	-0.1	+0.2	NNE	1	0	20.5	+1.5	+1.9	33	+1	16	0	16	-8	0	1	5		
	KHARTOUM NORTH	1014.8	0.0	+0.1	NW	3	0	23.6	+0.7	+0.9	27	0	20	+1	57	-7	0	29	103	3	
	SOBA																				
	DONGOLA	1009.6	0.0	-1.3	NNE	1	0	26.5	0.0	+3.7	39	+2	19	+2	34	-2	0	13	38		
	WADI HALFA	1010.8	-0.6		NW	1	0	21.0	+1.0	+5.1	36	+4	13	+2	23	-4	0	1	8		
	ABU HAMED	1012.2	-0.1	-2.6	NE	3	1	22.3	+1.2	+3.5	33	+1	15	+4	28	+3	0	17	19		
	BERBER	1009.6	-0.7	-1.0	N	3	0	27.8	+0.5	+2.7	39	+2	22	+3	8	-12	0	103	93		
	KASSALA																				
	KHARTOUM																				
	WAD MEDANI																				
	SENNAR																				
	KOSTI																				
	FASHER																				
	EL OBEID																				
	KORDOFAN																				
	DONGOLA																				
	WADI HALFA																				
	ABU HAMED																				
	BERBER																				
	KASSALA																				
	KHARTOUM																				
	WAD MEDANI																				
	SENNAR																				
	KOSTI																				
	FASHER																				
	EL OBEID																				
	KORDOFAN																				

Upper Air Observations

Height	Time	Direction
	8 45	
500	10	S
1000	30	SSW
1500		
2000		
3000		

General Situation

The pressure over Egypt continues to fall, especially in the west. The depression is centred between Malta and Greece and is less deep. There is also a shallow secondary off Sollum.

يستمر الضغط على مصر في الهبوط لاسيما في الغرب والانخفاض يقع الآن ما بين مالطة واليونان وهو أقل عمقا ويوجد انخفاض آخر ثانوي القرب من السلوم

Forecast for 24 hours from noon to day.

Inland light southerly winds, freshening. On the coast fresh south to west winds.

Much cloud at times. Possibility of rain on the coast tomorrow.

Mild, becoming somewhat cooler tomorrow.

~~Changeable.~~

توقعات ... من ظهر اليوم الظهر التالي

رياح جنوبية خفيفة في الداخل تزيد قوتها نوعا وعلى الساحل رياح شمالية غربية الجنوب والغرب وتكثر السحب في بعض الأوقات ويحتمل أن تمطر خفيفا على الساحل غدا والطقس معتدل إلا أنه يبرد نوعا غدا ويأخذ في التغير

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	60	-4	11.8	+0.6
Ezbekiya	57	-6	10.1	+0.7
Giza	74	+11	10.5	—
Helwan	39	-13	10.1	+0.6

NOTE. A dash means that figures are not available.

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" " " Abroad P.T.150 "

Remarks

Wadi Halfa River Gauge Reading for 6/2/31 published on 6-8/2/31 should read 1.44 instead of 1.48 M.

صحة قراءة النهر بمقياس وادي حلفا يوم ٦/٢/٣١ المذكورة بتقارير ٦-٨/٢/٣١ هي ١,٤٤ بدلا من ١,٤٨ مترا

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
15-2	634	1157
14-2	643	1187

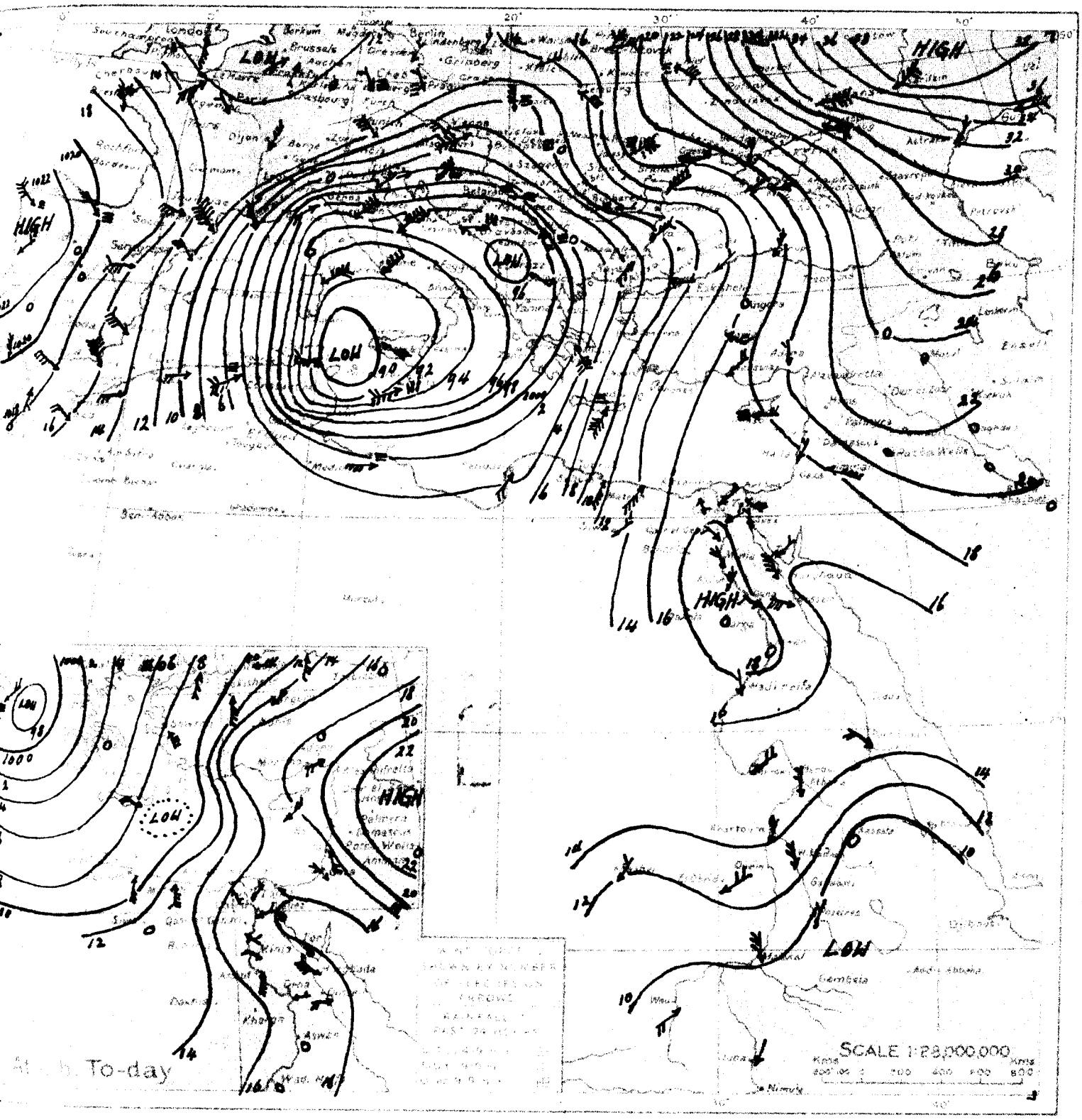
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Diff. from normal
	1931	m	m	m	m
Juba	15-2	13.28	-0.01	13.30	+0.02
Nasser	14-2	4.98	-0.40	5.00	-0.40
Malakal	15-2	9.93	-0.56	9.93	-0.58
Roseires	16-2	11.49	-0.16	11.50	-0.18
Sennar Res.	14-2	20.43	—	20.46	—
Makwar	14-2	4.60	-0.85	4.60	-0.85
Khartoum	15-2	10.07	-0.49	10.07	-0.50
Kh. el Girba					
Atbara	15-2	9.82	-0.52	9.86	-0.49
Wadi Halfa	16-2	1.29	-0.69	1.31	-0.69
Aswan Res	15-2	113.22	—	113.22	—
" D.S.	15-2	85.14	-0.67	85.16	-0.68
El Leithi	16-2	17.16	-0.48	17.18	-0.48
Roda (Cairo)	14-2	15.75	+0.21	15.75	+0.23

PRINTED AT THE SURVEY OF EGYPT 1929 (25/689/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١ . ٢ . ١٥ Barometer and Wind at 8 h. Yesterday 15 . 2 . 1931



WIND VELOCITY

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

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Fairing	5
Sand Rain	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Rough	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ . ٢ . ١٥ From Observations taken at 8 h yesterday. 15 . 2 . 31

Station	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	993.1	+4.4	-23.1	NE	4	4	5	-1	—	10	—	4	—	70	—	4	—	435	—
MALTA	993.9	-1.1	-21.7	WSW	6	2	9	-3	—	14	-1	6	-4	50	—	5	310	336	3
ATHENS	1001.4	-2.0	-16.2	SSE	7	4	16	+5	—	—	—	—	—	50	—	—	—	250	—
CANDIA	1008.6	-0.7	-8.2	SSW	8	1	17	+3	—	17	+2	13	+4	—	—	drops	396	343	7
LIMASSOL	1018.0	+4.6	+2.1	E	2	0	16	+2		18	0	11	+4	—	—	drops	284	342	3
Atbara	1014.6	-0.4	+0.8	N	2	0	19.0	+0.3	-0.7	30	-2	13	-1	38	+14	0	0	1	—
Kassala	1009.6	-0.6	-2.0	—	0	0	23.5	+1.0	+0.8	34	-1	17	-1	45	-12	0	0	11	—
Wad Medani	1013.4	-0.5	+0.8	N	2	2	22.0	+2.0	+1.0	34	-1	18	+2	16	-12	0	8	13	—
E L Fasher	1011.4	0.0	—	NNE	1	1	20.0	+4.0	+4.2	35	+3	15	+5	21	-6	0	1	8	—
E L Obeid	1012.3	-0.3	-2.5	NE	2	2	21.1	+2.8	+2.4	32	0	11	0	43	+18	0	17	19	—
Juba	—	—	—	NNE	—	2	27.5	-0.5	—	40	—	—	—	41	—	0	75	145	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 53

" sunset 17h 45

From Observations taken at 8 h. to-day.

Tuesday 17th February, 1931 ١٩٣١ الثلاثاء ١٧ فبراير

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h. °C	Change in past 24 hours °C	Diff. from normal °C	Maximum Yesterday °C	Diff. from normal °C	Minimum °C	Diff. from normal °C	HUMIDITY At 8 h. %	Diff. from normal	RAINFALL Past 24 hours m.m.	Total from Oct. 1 to yesterday m.m.	Normal from Oct. 1 to yesterday m.m.	SEA
MEDITERRANEAN	SOLLUM	1017.0	+7.2	-0.7	N	1	0	13.1	-2.3	+1.1	[illegible]	—	8	—	58	-16	0	51	72	3
	MATRUH	1016.8	+4.4	-0.9	E	2	0	15.2	+0.2	+3.4	26	+8	15	+6	79	+4	0	165	130	2
	ALEXANDRIA	1014.8	-1.2	-2.9	NNW	5	4	16.1	+2.9	+2.8	27	+7	11	0	84	+12	0	90	165	3
	PORT SAID	1015.6	-1.0	-0.5	S	2	0	13.7	+0.5	+0.3	22	+3	11	0	58	-17	0	54	58	2
	GAZA	—	—	—	—	0	0	14.1	-2.6	+1.4	27	+8	10	+2	69	-5	0	196	310	—
	HAIFA	1014.8	-3.0	-0.1	SSE	1	0	17.5	+1.9	+3.6	22	+3	13	+5	59	-5	0	610	565	3
LOWER EGYPT	TANTA	1015.6	-0.8		SSE	1	0	12.7	+2.0	—	25	—	8	—	37	—	0	30	—	—
	CAIRO EZBEKIYA	1015.5	-0.5	-2.6	SSW	2	0	13.0	+1.9	+2.4	25	+4	10	+2	46	-29	0	16	21	—
	CAIRO GIZA	1015.1	-1.1	-3.6	SE	2	0	14.0	+4.2	—	24	+3	6	0	45	—	0	20	19	—
	CAIRO HELWAN	1014.8	-1.2	-3.3	SE	3	0	17.8	+2.5	+7.0	24	+4	13	+4	24	-41	0	19	22	—
	SIWA	1016.0	+3.3	-2.3	—	0	0	9.1	-2.9	-0.5	—	—	7	+2	79	+12	0	35	4	—
RED SEA	SUEZ	1015.0	-0.2	-2.8	N	1	0	12.5	-0.9	+0.8	22	+1	10	0	70	-2	0	27	17	0
	TOR	1015.6	-0.4	-1.3	NE	1	1	16.5	+2.5	+2.5	25	+3	10	0	82	+22	0	11	11	1
	HURGHADA	1015.4	-0.9	—	NNW	4	2	15.0	-1.4	—	27	—	11	—	61	—	0	0	—	2
	QOSSEIR	1015.4	-1.3	—	W	1	0	22.1	+2.7	—	24	—	12	—	46	—	0	15	—	1
UPPER EGYPT	GEBALI	1016.6	-0.2	-1.7	S	1	0	10.0	-2.0	-0.3	26	+5	6	0	62	-10	0	17		
	MINYA	1016.2	-0.2		WNW	1	0	13.0	+2.0	+2.2	25	+3	8	+1	55	-19				
	ASYUT	1016.8	-0.2	-2.2	SSW	2	2	13.2	+1.4	+2.3	24	+1	10	+3	50	-14	0	7		
	QENA	1016.3	-1.3		NE	1	3	15.3	+4.5	+2.6	28	+2	11	+3	40	-21				
	KHARGA	1015.8	-0.1		—	0	2	13.8	+1.0	—	27	—	9	—	38		0	1		
	ASWAN	1016.3	-0.5	-1.5	—	0	3	20.9	+7.4	+7.0	30	+4	13	+2	40	-7				
NUBIA	WADI HALFA	1015.0	-1.0	-2.8	—	0	4	18.4	+7.0	+6.1	30	+3	9	0	35	-8				
	MEROWE	1015.0	+0.4	-0.5	NE	2	0	23.6	+5.0	+6.5	35	+4	17	+4	24	-4	0	0	1	
	ATBARA																			
SUDAN	KHARTOUM	1013.0	-0.4	-0.1	NNE	3	0	23.1	+2.6	+4.4	36	+4	18	+2	[illegible]	3	0	1	5	
	PORT SUDAN	1017.2	+2.4	+2.6	NW	1	0	23.2	-0.4	+0.4	27	0	18	[illegible]	[illegible]	[illegible]	0	29	103	1
	KASSALA																			
	WAD MEDANI	1010.8	-1.0	-1.7	N	4	0	26.2	+0.2	+5.0	39	+4	22	[illegible]	[illegible]	[illegible]	[illegible]	8	13	
	ROSEIRES	1007.6	-2.0	-3.3	NNE	1	0	26.0	-0.5	+3.1	41	+4	19	+2	[illegible]	[illegible]	[illegible]	33	38	
SOUTH SUDAN	EL FASHER	1011.6	+0.8	—	NNE	4	0	25.0	+4.0	+9.0	33	+1	17	+6	37	[illegible]	[illegible]	1	8	
	EL OBEID																			
	MALAKAL	1009.1	-0.5	-1.4	NNE	4	0	29.0	+1.2	+3.8	40	+3	22	+3	12	[illegible]	[illegible]	[illegible]	93	
	WAU																			
	JUBA																			

TEMP. F C — PRESS. Mm. Mb

Upper Wind Observations at Helwan at 8h 30m

Height (metres)	Kms per hour	Direction
500	20	SSW
1000	20	WSW
1500	25	WSW
2000	25	WSW
3000	20	WSW

General Situation

The Mediterranean depression has filled up considerably and has travelled in a northeasterly direction. The secondary depression is now situated to the north of Egypt. There is also a deep depression over Corsica.

Forecast for 24 hours from noon to-day.

On the coast moderate to fresh northerly and northwesterly winds. Inland light to moderate winds chiefly southerly. Clear or occasional low cloud. Becoming slightly coder tomorrow.

STATION	Humidity Mean of Day Yesterday %	Diff. from normal %	Wet Bulb Temperature Mean of Day Yesterday °C	Diff. from normal °C
Alexandria	52	-12	12.9	+1.7
Ezbekiya	53	-9	10.6	-0.2
Giza	59	-3	10.3	—
Helwan	25	-26	10.6	+1.1

NOTE. A dash means that figures are not available

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" " " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
16.2	625	1139
15.2	634	1157

GAUGE	Date 1931	Reading m	Previous day Reading m	Diff. from normal m
Juba	16.2	13.27	28	-0.01
Nasser	15.2	4.97	98	-0.40
Malakal	16.2	9.93	93	-0.56
Roseires	16.2	11.49	50	-0.18
Sennar Res.	16.2	20.36	40	—
Makwar	16.2	4.60	0	-0.84
Khartoum	16.2	10.08	7	-0.49
Kh. el Girba				
Atbara	16.2	9.82	2	-0.52
Wadi Halfa	16.2	1.29	1	-0.69
Aswan Res.	16.2	113.23	22	—
" D.S.	16.2	85.11	14	-0.67
El Leithi	16.2	17.16	6	-0.48
Roda (Cairo)	16.2	5.73	25	[illegible]

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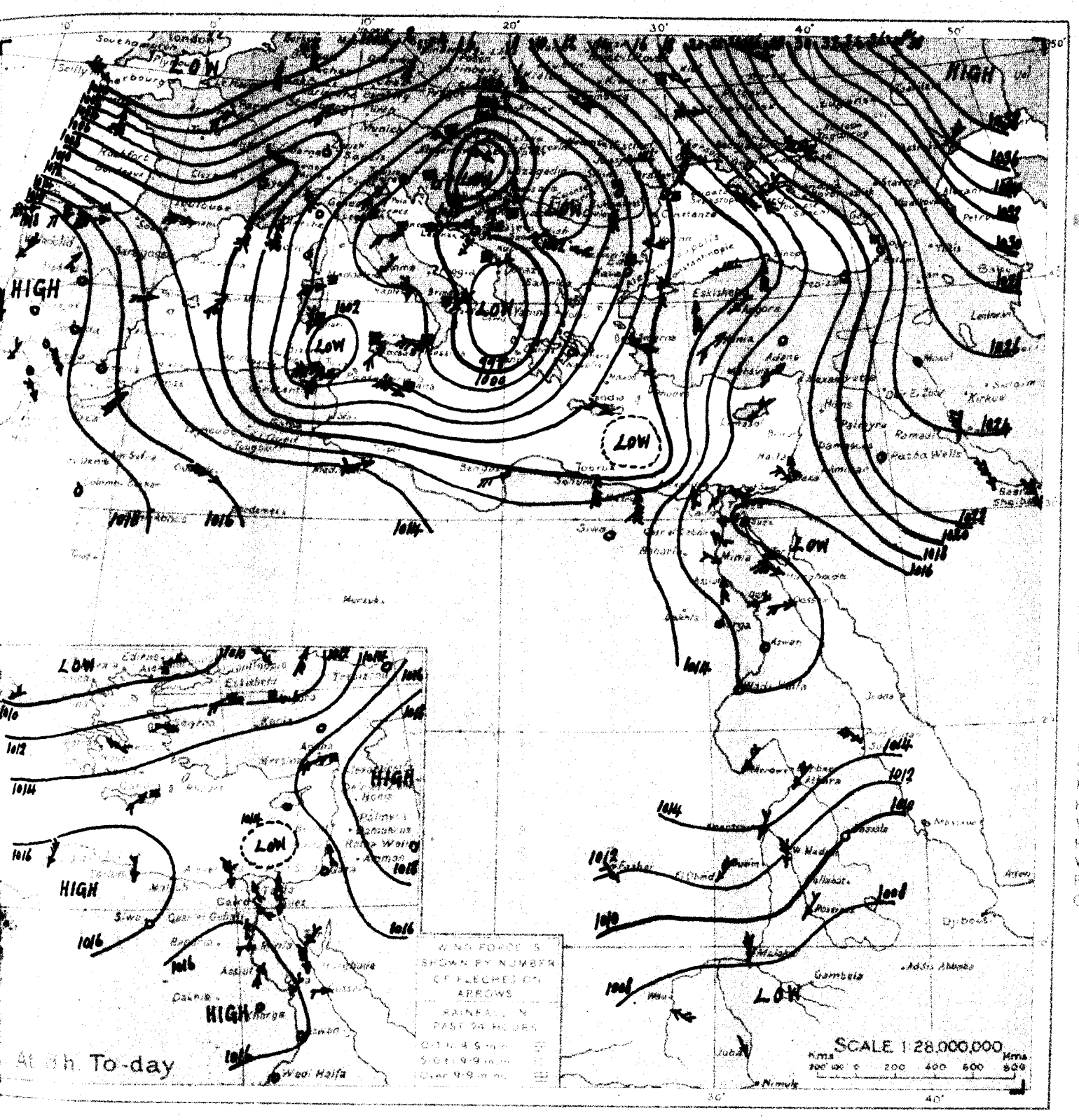
PHYSICAL DEPARTMENT.

R REPORT.

.21-2-17 Barometer and Wind at 8 h. Yesterday 16.2.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-2-17 From Observations taken at 8 h. yesterday 16.2.31.

STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change in past 24 hours	BAROMETER: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in past 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Max. yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1 to yesterday	RAINFALL: Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C.	°C.	°C	%		m.m.	m.m.	m.m.	
ROME	1001.5	+8.4	-14.5	NE	1	4	4	-1	—	11	—	2	—	60	—	—	—	437	—
MALTA	1004.5	+10.6	-11.1	WNW	6	3	9	0	—	11	-4	6	-4	70	—	14	324	337	3
ATHENS	1005.9	+4.5	-11.6	—	0	4	11	-5	—	—	—	—	—	60	—	—	—	251	—
CANDIA	1009.3	+0.7	-7.5	WNW	2	4	15	-2	—	20	+5	13	+4	—	—	0	396	346	4
LIMASSOL	1016.3	-1.7	+0.5	ENE	2	4	17	+1		19	+1	13	+6	—	—	0	284	345	3
Atbara	1014.6	0.0	+0.9	NE	2	0	20.0	+1.0	+0.2	31	-1	14	-1	40	+16	0	0	1	—
Kassala	1010.0	+0.4	-1.5	—	0	0	27.5	+4.0	+4.7	37	+2	17	-1	11	-45	0	0	11	—
Wad Medani	1011.8	-1.6	-0.7	N	3	0	26.0	+4.0	+4.9	37	+2	18	+2	20	-8	0	8	13	—
Wau	1007.5	-1.9	-2.4	SE	2	0	28.0	+6.0	+1.2	39	+2	—	—	39	-3	0	101	151	—
Juba	—	—	—	NW	—	3	27.5	0.0	—	35	—	—	—	60	—	0	75	145	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 32 m

" " sunset 17 h 46 m

From Observations taken at 8 h. to-day.

Wednesday 18th February, 1931 — ١٩٣١ — الاربعاء ١٨ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1 to yesterday (m.m.)	Rainfall: Normal from Oct. 1 to yesterday (m.m.)	Sea
MEDITERRANEAN	SOLLUM	1020.8	+3.8	+3.1	NNE	1	0	11.8	-1.3	-0.3	[illegible]	—	8	—	78	+4	0	51	73	1
	MATRUH	1020.7	+3.9	+3.1	—	0	0	10.3	-4.9	-1.6	17	-1	8	-1	93	+18	0	165	131	3
	ALEXANDRIA	1020.8	+6.0	+3.2	N	1	0	16.2	+0.1	+2.9	19	-1	13	+2	69	-3	0	90	165	2
	PORT SAID	1019.5	+3.9	+3.5	N	3	1	16.1	+2.4	+2.7	27	+7	13	+1	69	-6	0	54	59	2
	GAZA	—	—	—	—	0	3	13.7	-0.4	+0.9	28	+9	10	+2	86	+12	0	196	313	—
	HAIFA	1015.5	+0.7	+0.6	—	0	0	16.5	-1.0	+2.5	26	+7	13	+5	62	-2	0	610	568	1
LOWER EGYPT	TANTA	1020.6	+5.0	—	NNW	1	0	9.9	-2.8	—	26	—	7	—	94	—	0	30	—	—
	CAIRO EZBEKIYA	1019.8	+4.3	+1.8	NNW	1	0	11.0	-2.0	+0.3	25	+4	10	+2	87	+12	0	16	21	—
	CAIRO GIZA	1020.2	+5.1	+1.6	NNW	1	8	9.1	-4.9	—	26	+5	8	+2	99	—	0	20	19	—
	CAIRO HELWAN	1019.8	+5.0	+1.7	NNE	2	3	14.0	-3.8	+3.2	26	+5	12	+3	74	+9	0	19	22	—
	SIWA	1019.0	+3.0	+0.7	—	0	0	9.0	-0.1	-0.7	—	—	6	0	71	+4	0	35	4	—
RED SEA	SUEZ	1018.2	+3.2	+0.4	N	3	4	15.6	+3.1	+2.3	23	+2	12	+2	69	-3	0	27	17	3
	TOR	1015.9	+0.3	-0.9	—	0	1	16.5	0.0	+2.4	24	+2	13	+3	84	+24	0	11	11	1
	HURGHADA	1015.8	+0.4	—	NNW	6	1	17.5	+2.5	—	26	—	13	—	85	—	0	0		4
	QOSSEIR	1015.2	-0.2	—	WNW	4	0	21.1	-1.0	—	26	—	16	—	40	—	0	15	—	2
UPPER EGYPT	GEBALI	1020.0	+3.4	+1.7	N	3	0	13.0	+3.0	+2.6	25	+4	10	+4	77	+5	0	17	—	—
	MINYA	1018.7	+2.5	—	NNW	3	0	13.0	0.0	+2.2	29	+7	11	+3	83	+9	—	—	—	—
	ASYUT	1018.0	+1.2	-0.9	W	3	0	12.0	-1.2	+1.0	27	+4	10	+3	89	+25	0	7	—	—
	QENA	1016.0	-0.3	—	WNW	2	1	14.5	-0.8	+1.7	31	+5	11	+2	63	+2	—	—	—	—
	KHARGA	1016.0	+0.2	—	—	0	0	17.5	+3.7	—	30	—	13	—	42	—	0	1	—	—
	ASWAN	1015.2	-1.1	-2.5	—	0	0	18.3	-2.6	+4.3	32	+5	15	+4	27	-19	—	—	—	—
NORTH SUDAN	WADI HALFA	1014.0	-1.0	-3.7	—	0	0	18.4	0.0	+6.0	33	+6	15	+6	57	+14	—	—	—	—
	MEROWE	1013.4	-1.6	-2.0	NE	1	0	22.6	-1.0	+5.5	36	+4	17	+4	35	+7	0	0	1	—
	ATBARA	1015.1	-0.9	+1.5	NE	2	0	25.4	-0.1	+5.4	37	+5	19	+4	42	+9	0	0	1	—
	KHARTOUM	1012.3	-0.7	-0.7	NE	4	0	24.9	+1.8	+6.1	36	+4	21	+5	29	+6	0	1	5	—
EAST SUDAN	PORT SUDAN	1014.6	-2.6	-0.1	SW	2	0	24.6	+1.4	+1.8	29	+2	19	0	77	+13	0	29	103	2
	KASSALA	1009.6	-1.0	-1.7	N	4	0	27.5	0.0	+4.5	37	+1	22	+4	1	-55	0	0	11	—
	WAD MEDANI	1010.8	0.0	-1.6	N	2	0	27.5	+1.3	+6.2	39	+4	19	+3	24	-4	0	8	13	—
	ROSEIRES	1009.8	+2.2	-1.1	NNE	1	0	26.5	+0.5	+3.5	42	+5	20	+3	28	-7	0	33	38	—
SOUTH SUDAN	EL FASHER	1015.2	+3.6	—	W	1	0	22.0	-3.0	+5.9	37	+5	14	+3	29	+3	0	1	8	—
	EL OBEID	1010.2	-1.4	-4.4	NE	3	1	24.5	-3.0	+5.5	35	+3	16	+4	47	+22	0	17	19	—
	MALAKAL	1009.1	0.0	-1.3	N	4	0	31.0	+2.0	+5.7	41	+4	25	+6	12	-8	0	103	93	—
	WAU	1008.2	-0.8	-1.6	NW	2	0	28.0	+1.0	+1.1	41	+4	23	+4	33	-9	0	101	151	—
	JUBA	—	—	—	NNW	—	1	29.0	+1.5	—	41	—	—	—	37	—	0	75	146	—

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms. an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff from normal (°C)
Alexandria	69	+5	14.2	+3.0
Ezbekiya	39	-23	11.1	+0.2
Giza	57	-5	12.7	—
Helwan	41	-10	12.6	+3.1

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17. 2	625	1107
16. 2	625	1139

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	16.2	13.27	-0.02	13.28	-0.01
Nasser	17.2	4.93	-0.39	4.95	-0.39
Malakal	16.2	9.93	-0.56	9.93	-0.56
Roseires	16.2	11.49	-0.16	11.50	-0.18
Sennar Res.	18.2	20.28	—	20.31	—
Makwar	18.2	4.60	-0.81	4.60	-0.82
Khartoum	16.2	10.08	-0.47	10.07	-0.49
Kh. el Girba					
Atbara	16.2	9.82	-0.51	9.82	-0.52
Wadi Halfa	16.2	1.29	-0.69	1.31	-0.69
Aswan Res.	17.2	113.24	—	113.23	—
" D.S.	17.2	85.11	-0.66	85.11	-0.68
El Leithi	18.2	17.11	-0.49	17.16	-0.46
Roda (Cairo)	16.2	15.73	+0.18	15.75	+0.20

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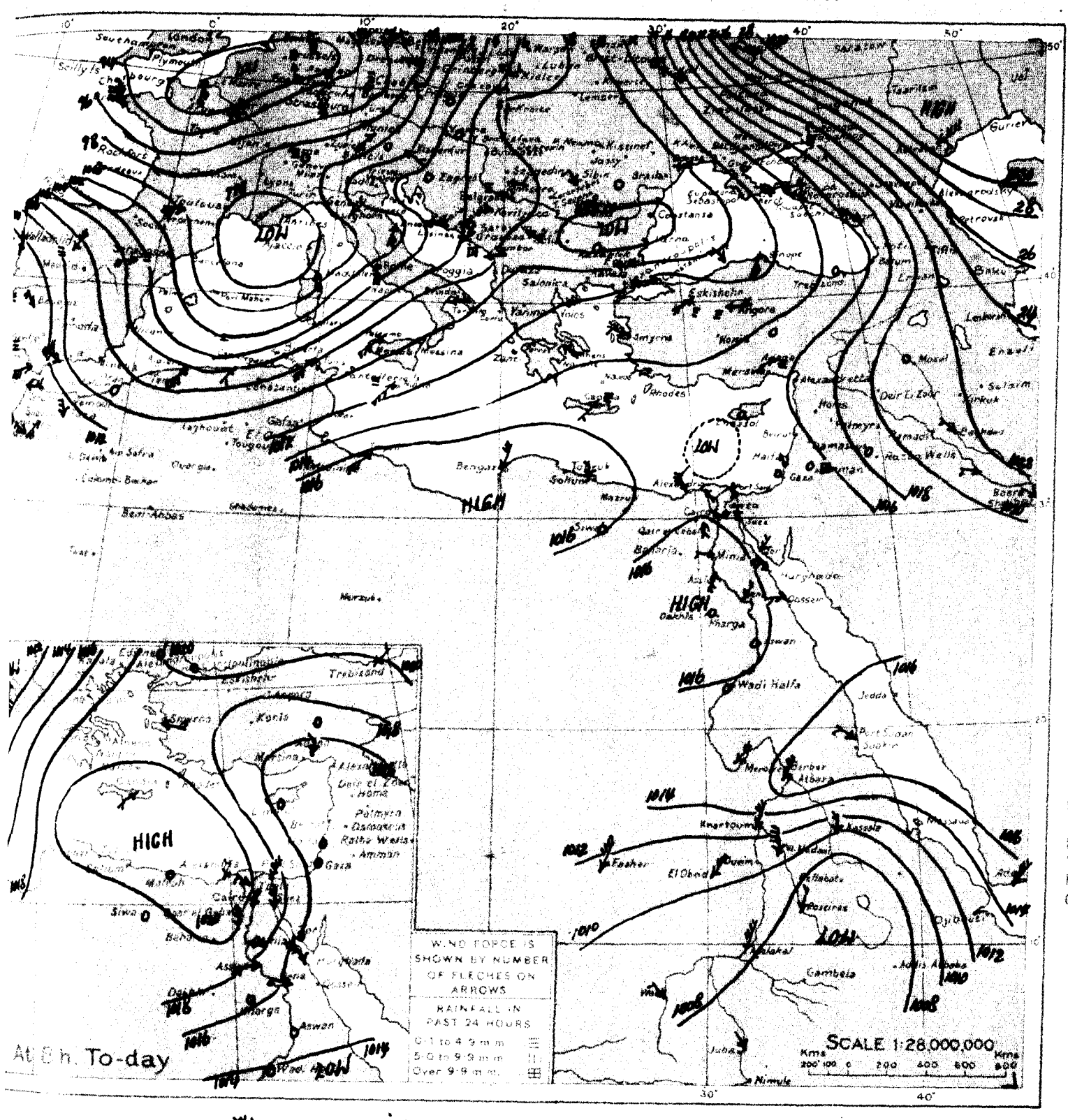
PHYSICAL DEPARTMENT.

REPORT.

٣١-٢-١٧ Barometer and Wind at 8 h. Yesterday 17. 2. 31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٢-١٧ From Observations taken at 8 h yesterday 17. 2. 31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1003.6	+2.1	-12.3	S	3	4	9	+5	—	11	—	4	—	70	—	—	—	440	—
	MALTA	1011.6	+7.1	-4.0	SW	3	5	11	+2	—	12	-4	9	-1	70	—	1	325	339	2
	ATHENS	1012.8	+6.9	-4.6	SE	1	1	9	-2	—	—	—	—	—	60	—	—	—	253	—
	CANDIA	1015.4	+6.1	-1.3	SW	1	1	12	-3	—	18	+3	9	0	—	—	1	397	348	2
	LIMASSOL	1014.7	-1.6	-1.1	—	0	0	14	-3	—	21	+3	7	0	—	—	0	284	348	1
EGYPT and SUDAN	Albara عطبره	1016.0	+1.4	+2.3	NNE	3	0	25.5	+5.5	+5.6	34	+2	18	+3	39	+16	0	0	1	—
	Kassala كسلا	1010.0	0.0	-1.4	N	2	0	27.5	0.0	+4.6	38	+2	17	-1	6	-50	0	0	11	—
	El Obeid الابيض	1011.6	-0.6	-3.1	NE	3	1	23.0	+0.7	+4.1	36	+4	15	+4	35	+10	0	17	19	—
	Hau حاو	1009.0	+1.5	-0.8	NW	1	3	27.0	-1.0	+0.2	41	+4	24	+5	34	-8	0	101	151	—
	Juba جوبا	—	—	—	NW	—	0	27.5	0.0	—	39	—	—	—	54	—	0	75	146	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 31 m

" " sunset 17 h 47 m

From Observations taken at 8 h. to-day.

Thursday 19th February, 1931 ١٩٣١ الخميس ١٩ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal (Yesterday)	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1023.1	+2.3	+5.5	—	0	0	14.9	+3.1	+2.7	19	—	9	—	65	-9	0	51	74	0
	MATRUH	1022.8	+2.1	+5.2	NNW	2	0	10.3	0.0	-1.7	17	-1	7	-2	79	+4	0	165	132	2
	ALEXANDRIA	1023.1	+2.3	+5.6	NE	1	3	16.3	+0.1	+2.9	20	0	13	+2	60	-12	0	90	166	2
	PORT SAID	1021.5	+2.0	+5.5	NNW	2	3	16.3	+0.2	+2.8	22	+2	14	+2	66	-8	0	54	59	3
	GAZA	—	—	—	S	1	0	12.6	-1.1	-0.3	24	+5	9	+1	83	+9	0	196	316	—
	HAIFA	1019.2	+3.7	+4.4	—	0	0	13.6	-2.9	-0.5	22	+3	11	+2	67	+3	0	610	571	1
LOWER EGYPT	TANTA	1022.3	+1.7	—	N	1	0	12.3	+2.4	—	22	—	7	—	69	—	0	30	—	—
	CAIRO: EZBEKIYA	1021.6	+1.8	+3.7	NNW	1	0	10.4	-0.6	-0.4	21	0	8	0	72	-3	0	16	22	—
	CAIRO: GIZA	1021.6	+1.4	+3.0	NNW	1	1	8.7	-0.4	—	21	0	5	-1	92	—	0	20	20	—
	CAIRO: HELWAN	1021.9	+2.1	+3.9	NE	3	0	11.9	-2.1	+1.0	20	-1	10	+1	60	-5	0	19	22	—
	SIWA	1020.3	+1.3	+2.1	—	0	0	11.3	+2.3	+1.4	—	—	8	+2	72	+5	0	35	4	—
RED SEA	SUEZ	1021.6	+3.4	+3.9	N	2	0	13.0	-2.6	-0.4	21	0	10	0	68	-4	0	27	17	1
	TOR	1017.9	+2.0	+1.1	N	2	0	17.0	+0.5	+2.8	22	0	11	+1	83	+23	0	11	11	2
	HURGHADA	1018.0	+2.2	—	NNW	5	0	16.8	-0.7	—	25	—	14	—	47	—	0	0	—	3
	QOSSEIR	1017.5	+2.3	—	NW	8	0	18.9	-2.2	—	25	—	17	—	53	—	0	15	—	8
UPPER EGYPT	GEBALI	1022.4	+2.4	+4.2	N	1	0	10.0	-3.0	-0.5	23	+1	7	+1	87	+16	0	17	—	—
	MINYA	1021.1	+2.4	—	WNW	2	0	9.0	-4.0	-1.9	23	+1	6	-2	100	+27	—	—	—	—
	ASYUT	1021.0	+3.0	+2.2	W	3	0	10.0	-2.0	-1.1	25	+2	6	-1	79	+16	0	7	—	—
	QENA	1019.1	+3.1	—	WNW	2	0	11.5	-3.0	-1.3	32	+6	9	0	77	+16	—	—	—	—
	KHARGA	1020.0	+4.0	—	N	2	0	15.4	-2.1	—	29	—	12	—	53	—	0	1	—	—
	ASWAN	1017.9	+2.7	+0.3	NE	2	0	17.8	-0.5	+3.6	32	+5	14	+3	31	-15	—	—	—	—
NORTH SUDAN	WADI HALFA	1016.0	+2.0	-1.6	N	1	0	16.0	-2.4	+3.4	34	+7	14	+5	31	-11	—	—	—	—
	MEROWE	1013.8	+0.4	-1.5	NE	2	0	23.1	+0.5	+5.9	37	+5	17	+4	29	+1	0	0	1	—
	ATBARA	1013.1	[illegible]	-0.5	N	2	0	25.3	-0.1	+5.2	37	+5	19	+4	36	+13	0	0	1	—
	KHARTOUM	1011.8	-0.5	-1.1	NNE	2	0	24.4	-0.5	+5.5	37	+5	20	+4	23	0	0	1	5	—
EAST SUDAN	PORT SUDAN	1014.6	0.0	+0.1	NW	2	0	24.1	-0.5	+1.3	29	+2	20	+1	66	+2	0	29	103	2
	KASSALA	1008.7	-0.9	-2.5	N	1	0	27.5	0.0	+4.4	39	+3	19	+1	38	-17	0	0	11	—
	WAD MEDANI	1008.0	-2.8	-4.3	N	3	0	25.5	-2.0	+4.0	39	+3	21	+5	26	-1	0	8	13	—
	ROSEIRES	1007.5	-2.3	-3.3	NE	1	0	28.0	+1.5	+4.9	42	+5	22	+5	27	-8	0	33	38	—
SOUTH SUDAN	EL FASHER	1009.5	-5.7	—	NW	1	0	23.0	+1.0	+6.8	39	+7	14	+3	28	+2	0	1	8	—
	EL OBEID	1011.9	+1.7	+2.6	NE	4	0	22.4	-2.1	+3.3	37	+5	17	+5	42	+18	0	17	19	—
	MALAKAL	1010.2	+1.1	-0.2	ENE	3	0	28.3	-2.7	+2.9	40	+3	21	+2	48	+23	0	103	93	—
	WAU	1009.3	+1.1	-0.5	N	1	1	27.0	-1.0	0.0	41	+4	22	+3	40	-2	0	101	152	—
	JUBA	—	—	—	NNW	—	4	27.5	-1.5	—	41	—	—	—	50	—	0	75	146	—

TEMP. F. C. — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	62	-2	12.4	+1.1
Ezbekiya	65	+3	11.4	+0.4
Giza	75	+13	10.7	—
Helwan	50	-1	11.1	+1.6

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
19.2	624	1069
18.2	625	1098

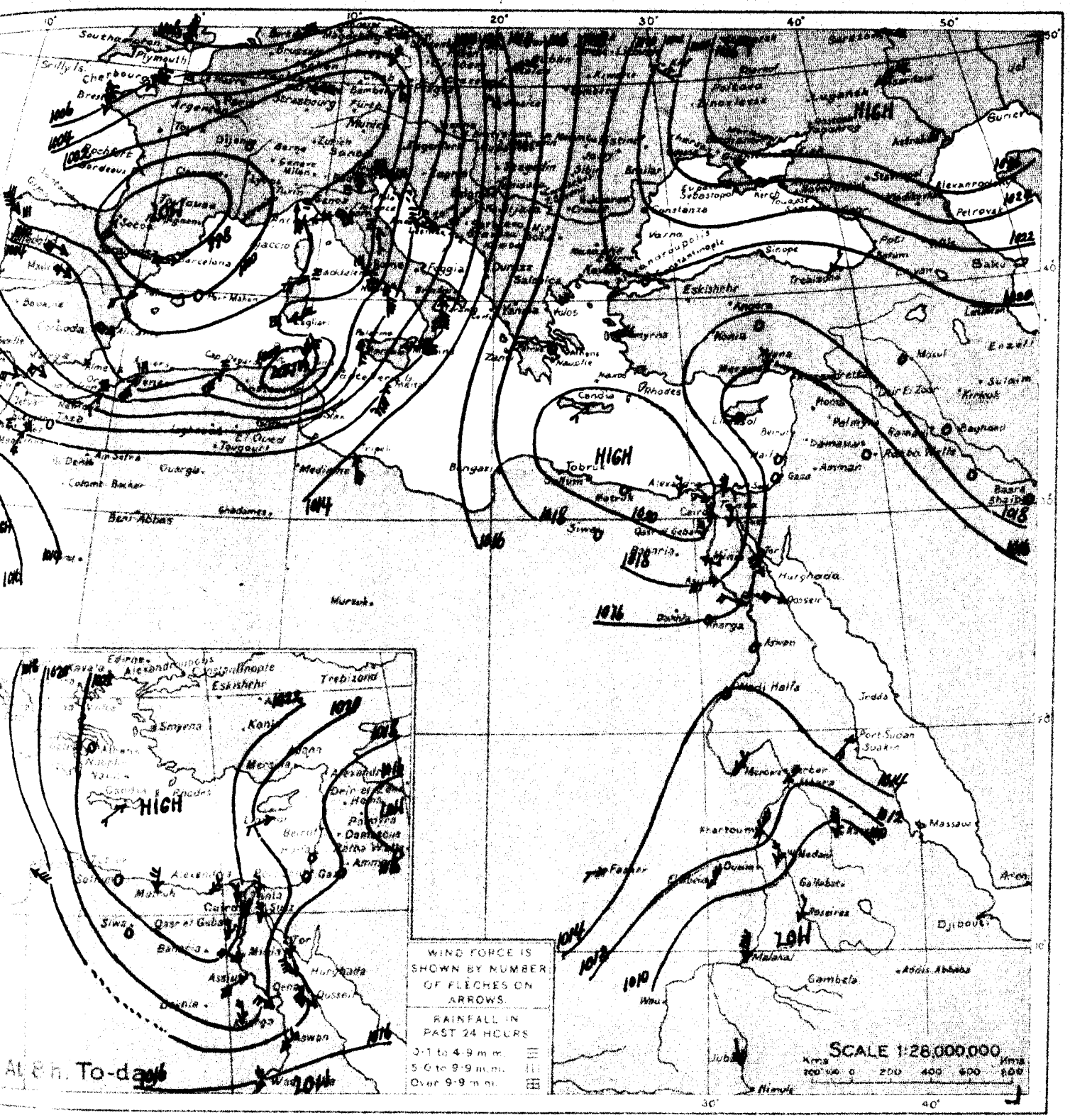
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	18.2	13.26	-0.03	13.26	-0.03
Nasser	19.2	4.90	-0.38	4.91	-0.39
Malakal	18.2	9.91	-0.54	9.92	-0.54
Roseires	18.2	11.47	-0.17	11.48	-0.16
Sennar Res.	19.2	20.23	—	20.28	—
Makwar	19.2	4.60	-0.81	4.60	-0.81
Khartoum	18.2	10.03	-0.50	10.08	-0.46
Kh. el Girba					
Atbara	18.2	9.88	-0.43	9.83	-0.49
Wadi Halfa	18.2	1.29	-0.65	1.29	-0.67
Aswan Res.	19.2	113.20	—	113.25	—
" D.S.	19.2	85.10	-0.63	85.10	-0.65
El Leithi	19.2	17.09	-0.48	17.11	-0.49
Roda (Cairo)	18.2	15.70	+0.15	15.70	+0.15

PRINTED AT THE SURVEY OF EGYPT 1929(29/6/31) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٢-١٨ Barometer and Wind at 8 h. Yesterday 18.2.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٢-١٨ From Observations taken at 8 h. yesterday 18.2.31

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b	m.b.				°C.	°C.	°C	°C.	°C.	°C	°C.	°/o		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1005.0	+1.4	-10.8	SE	1	4	8	-1	—	12	—	7	—	90	—	8	—	442	—
	MALTA	1012.5	+0.9	-3.1	SSW	5	0	13	+2	—	14	-2	11	+1	50	—	0	325	341	2
	ATHENS	1019.2	+6.4	+2.0	—	0	1	10	+1	—	—	—	—	—	70	—	—	—	254	—
	CANDIA	1021.2	+5.8	+4.5	SW	1	1	12	0	—	21	+6	8	-1	—	—	0	397	351	1
	LIMASSOL	1015.0	+0.3	-0.6	—	0	0	13	-1		20	+2	6	-1	—	—	0	284	351	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 30 m

" " sunset 17 h 48 m

From Observations taken at 8 h. to-day.

Friday 20th February, 1931 — ١٩٣١ — الجمعة ٢٠ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal (Yesterday)	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1020.3	-2.8	+2.7	E	1	0	12.3	-2.6	+0.1	18	—	10	—	94	+20	0	51	74	2
	MATRUH	1021.1	-1.7	+3.6	SSE	1	0	10.0	-0.3	-2.0	18	0	8	-1	80	+5	0	165	133	1
	ALEXANDRIA	1022.0	-1.1	+4.5	NW	2	1	15.6	-0.7	+2.8	22	+2	13	+2	55	-17	0	90	167	2
	PORT SAID	1020.0	-1.5	+4.1	N	3	4	16.9	+0.6	+3.3	22	+2	15	+3	71	-3	0	54	59	3
	GAZA	—	—	—	—	0	0	13.1	+0.5	+0.1	24	+5	10	+2	86	+12	0	196	319	—
	HAIFA	1018.3	-0.9	+3.5	—	0	0	17.2	+3.6	+3.0	21	+2	11	+2	63	-1	0	610	574	2
LOWER EGYPT	TANTA	1020.6	-1.7	—	NW	1	4	12.8	+0.5	—	22	—	9	—	78	—	0	30	—	—
	CAIRO / EZBEKIYA	1019.8	-1.8	+1.9	NNW	1	0	13.0	+2.6	+2.1	21	0	10	+2	75	0	0	16	22	—
	CAIRO / GIZA	1020.3	-1.3	+1.8	NNW	1	0	10.9	+1.2	—	21	0	8	+2	89	—	0	20	20	—
	CAIRO / HELWAN	1020.3	-1.6	+2.4	NE	2	0	10.9	-1.0	-0.1	20	-1	10	+1	87	+24	0	19	22	—
	SIWA	1020.4	+0.1	+2.3	—	0	0	11.6	+0.3	+1.6	—	—	8	+2	68	+2	0	35	4	—
RED SEA	SUEZ	1018.7	-2.9	+1.0	N	3	0	13.2	+0.2	-0.2	21	0	11	0	75	+3	0	27	17	2
	TOR	1016.4	-1.5	-0.3	N	1	0	15.6	-1.4	+1.3	21	-1	9	-1	83	+23	0	11	11	1
	HURGHADA	1016.4	-1.6	—	NNW	5	0	16.3	-0.5	—	22	—	11	—	52	—	0	0	—	3
	QOSSEIR	1016.0	-1.5	—	NW	4	0	12.8	-6.1	—	22	—	14	—	96	—	0	15	—	4
UPPER EGYPT	GEBALI	1020.6	+1.8	+2.4	NW	3	0	14.0	+4.0	+3.4	21	-1	9	+3	78	+7	0	17	—	—
	MINYA	1019.8	-1.3	—	N	3	0	11.5	+2.5	+0.5	20	-2	7	-1	88	+15	—	—	—	—
	ASYUT	1019.8	-1.2	+1.1	W	3	0	9.6	-0.4	-1.6	21	-2	6	-2	84	+21	0	7	—	—
	QENA	1018.0	-1.1	—	WNW	2	0	11.6	+0.1	-1.4	26	0	8	-1	68	+8	—	—	—	—
	KHARGA	1019.1	-0.9	—	—	0	0	13.4	-2.0	—	24	—	7	—	62	—	0	1	—	—
	ASWAN	1017.9	0.0	+0.3	—	0	0	14.0	-3.8	-0.3	29	+2	9	-2	53	+7	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.0	+1.0	-0.5	N	1	0	12.8	-3.2	+0.1	30	+3	10	+1	34	-8	—	—	—	—
	MEROWE	1015.0	+1.2	-0.2	NE	1	0	20.6	-2.5	+3.3	36	+3	15	+2	12	-16	0	0	1	—
	ATBARA	1013.5	+0.4	0.0	N	2	0	25.0	-0.3	+4.8	36	+4	17	+2	34	+12	0	0	1	—
	KHARTOUM	1012.7	+0.9	-0.1	NNE	3	3	22.0	-2.4	+3.0	35	+3	19	+3	12	-11	0	1	5	—
EAST SUDAN	PORT SUDAN	1013.4	-1.2	-1.0	NW	2	0	23.6	-0.5	+0.7	29	+2	14	-5	39	-25	0	29	103	2
	KASSALA	1010.0	+1.3	-1.1	—	0	0	22.5	-5.0	-0.8	37	+1	16	-2	44	-11	0	0	11	—
	WAD MEDANI	1009.8	+1.8	-2.4	N	2	0	23.0	-2.5	+1.3	38	+2	18	+2	26	-1	0	8	13	—
	ROSEIRES	1007.6	+0.1	-3.1	NNE	1	0	24.5	-3.5	+1.3	40	+3	18	+1	24	-10	0	33	38	—
SOUTH SUDAN	EL FASHER	1013.0	+3.5	—	WNW	2	1	22.0	-1.0	+5.7	37	+5	16	+5	19	-7	0	1	8	—
	EL OBEID	1011.9	0.0	-2.5	NNE	2	0	19.9	-2.5	+0.7	37	+5	15	+3	29	+5	0	17	19	—
	MALAKAL	1008.8	-1.4	-1.8	N	4	0	28.2	-0.1	+2.7	40	+3	21	+2	14	-6	0	103	93	—
	WAU	1009.3	0.0	-0.4	N	3	0	26.0	-1.0	-1.0	40	+3	21	+2	62	+20	0	101	152	—
	JUBA	—	—	—	NNW	—	3	31.5	+4.0	—	42	—	—	—	21	—	0	75	146	—

TEMP. F C: 120 110 100 90 80 70 60 50 40 30 20 10 0 -10 -20 -30

PRESS. Mm. Mb.: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at h. m.

Height (metres)	Km. an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation — الحالة العامة

Forecast for 24 hours from noon to-day. — التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	52	-12	12.1	+0.6
Ezbekiya	61	-1	11.1	0.0
Giza	70	+8	10.9	—
Helwan	51	0	10.3	+0.7

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
20-2	625	1053
19-2	624	1069

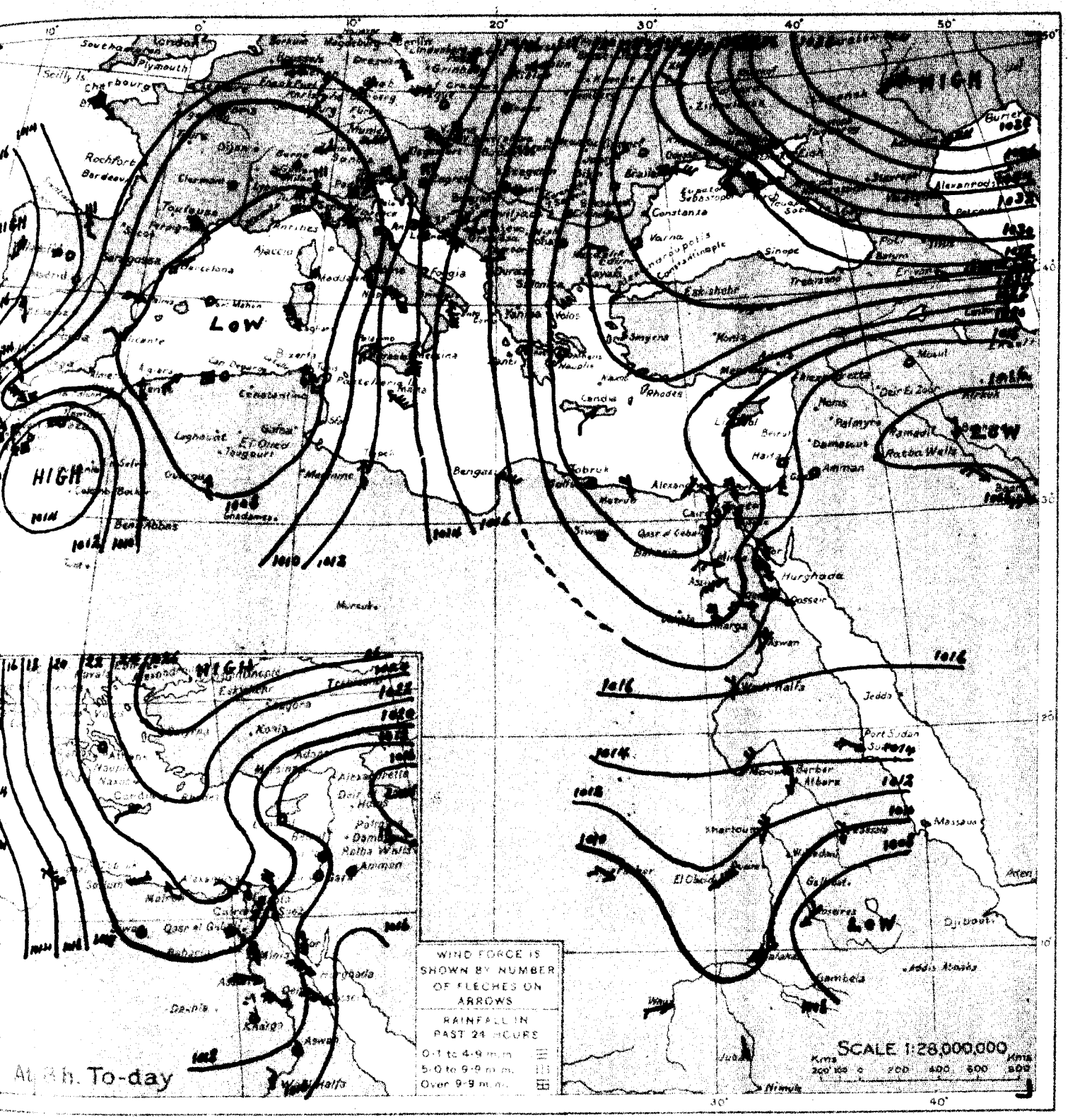
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	20-2	13.29	0.00	13.30	+0.01
Nasser	20-2	4.90	-0.36	4.90	-0.38
Malakal	20-2	9.90	-0.53	9.90	-0.54
Roseires	20-2	11.45	-0.18	11.46	-0.17
Sennar Res.	20-2	20.18	—	20.23	—
Makwar	20-2	4.60	-0.80	4.60	-0.81
Khartoum	20-2	10.02	-0.48	10.02	-0.50
Kh. el Girba					
Atbara	20-2	9.88	-0.40	9.88	-0.42
Wadi Halfa	19-2	1.27	-0.66	1.29	-0.65
Aswan Res.	20-2	113.25	—	113.20	—
" D.S.	20-2	85.09	-0.62	85.10	-0.63
El Leithi	20-2	17.47	-0.48	17.09	-0.48
Roda (Cairo)	20-2	15.77	+0.22	15.75	+0.20

PRINTED AT THE SURVEY OF EGYPT 1930 (20/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٢-١٩ Barometer and Wind at 8 h. Yesterday 19.2.1931.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٢-١٩ From Observations taken at 8 h. yesterday 19.2.1931.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b.				°C.	°C.	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.7	+3.7	-7.1	S	3	4	12	+4	—	12	—	7	—	70	—	3	—	444	—
	MALTA	1012.2	-0.3	-3.4	SE	4	1	14	+1	—	16	0	12	+2	90	—	0	325	343	2
	ATHENS	1022.0	+2.8	+4.9	—	0	0	10	0	—	—	—	—	—	70	—	—	—	255	—
	CANDIA	1022.8	+1.6	+6.1	SW	1	0	11	-1	—	21	+6	7	-2	—	—	0	397	334	1
	LIMASSOL	1018.7	+3.7	+3.1	WSW	1	0	14	+1	.	20	+2	7	0	—	—	0	384	354	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WI

CAIRO, to-morrow

Time of sunrise 06 h 29 m

" " sunset 17 h 48 m

From Observations taken at 8h. to-day.

Saturday 21st February, 1931 ١٩٣١ السبت ٢١ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1016.7	-2.6	-0.9	ESE	2	4	11.9	-0.4	-0.3	[illegible]	—	9	—	80	+6	0	51	75	3
	MATRUH	1017.8	-3.3	+0.3	SE	2	4	11.3	+1.3	-0.7	18	0	9	0	88	+13	0	165	134	1
	ALEXANDRIA	1019.9	-2.1	+2.5	E	2	3	14.3	-1.3	+0.8	21	+1	12	+1	66	-6	0	90	168	2
	PORT SAID	1019.9	-0.1	+4.1	ENE	4	2	16.6	-0.3	+2.9	20	0	15	+3	63	-11	0	54	60	3
	GAZA	—	—	—	—	0	0	13.4	+0.3	+0.3	20	+1	8	0	87	+13	0	196	321	—
	HAIFA	1019.0	+0.7	+4.2	—	0	0	15.5	-1.7	+1.2	21	+2	11	+2	62	-1	0	610	577	2
LOWER EGYPT	TANTA	1020.0	-0.6	—	N	1	4	12.5	-0.3	—	22	—	9	—	71	—	0	30	—	—
	CAIRO: EZBEKIYA	1020.0	+0.2	+2.2	N	1	3	10.7	-2.3	-0.3	23	+1	8	-1	80	+6	0	16	22	—
	CAIRO: GIZA	1019.1	-1.2	+0.7	N	1	3	11.0	+1.0	—	22	+1	6	0	87	—	0	20	20	—
	CAIRO: HELWAN	1019.0	-1.3	+1.1	ENE	4	3	13.6	+2.7	+2.5	22	+1	12	+3	70	+5	0	19	23	—
	SIWA	1016.0	-4.4	-1.9	E	1	1	12.5	+0.9	+2.3	—	—	—	—	71	+5	0	35	4	—
RED SEA	SUEZ	1017.6	-1.1	0.0	N	2	3	13.9	+0.7	+0.4	21	0	12	+1	79	+7	0	27	17	2
	TOR	1017.2	+0.8	+0.6	NE	1	0	14.1	-1.5	-0.4	20	-2	9	-1	79	+19	0	11	11	1
	HURGHADA	1017.5	+1.1	—	NNW	5	0	16.5	+0.2	—	22	—	9	—	61	—	0	0	—	3
	QOSSEIR	1016.3	+0.3	—	NW	6	0	20.2	—	—	23	—	—	—	45	—	0	15	—	6
UPPER EGYPT	GEBAL	1019.2	-1.4	+1.1	NW	2	0	11.8	-2.2	+1.1	22	0	7	0	85	+14	0	17	—	—
	MINYA	1019.2	-0.6	—	WNW	1	0	9.5	-2.0	-1.6	21	-1	6	-2	87	+14	—	—	—	—
	ASYUT	1019.1	-0.7	+0.5	WSW	3	0	9.6	0.0	-1.7	22	-1	8	0	82	+19	0	7	—	—
	QENA	1018.2	+0.2	—	WNW	2	0	10.9	-0.7	-2.3	28	+2	8	-1	77	+17	—	—	—	—
	KHARGA	1017.8	-1.3	—	NNE	1	0	11.6	-1.8	—	24	—	7	—	74	—	0	1	—	—
	ASWAN	1017.1	-0.8	-0.4	—	0	0	12.6	-1.4	-1.9	26	-1	10	-1	52	+7	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.0	0.0	-0.4	NNW	1	0	11.8	-1.0	-1.1	26	-1	8	-1	54	+12	—	—	—	—
	MEROWE	1014.8	-0.2	-0.3	NE	2	0	18.6	-2.0	+1.2	34	+2	14	+1	17	-11	0	0	1	—
	ATBARA	1013.5	0.0	0.0	N	4	0	23.5	-1.5	+3.2	33	+1	15	0	16	-6	0	0	1	—
	KHARTOUM	1013.0	+0.3	+0.2	N	1	0	18.9	-3.1	-0.3	33	+1	15	-1	9	-14	0	1	5	—
EAST SUDAN	PORT SUDAN	1013.4	0.0	-0.9	NW	3	0	23.1	-0.5	+0.2	28	+1	18	-1	59	-5	0	29	104	3
	KASSALA	1009.6	-0.4	-1.4	—	0	0	23.5	+1.0	+0.1	35	-1	15	-3	35	-20	0	0	11	—
	WAD MEDANI	1010.4	+0.6	-1.7	N	3	0	21.5	-1.5	-0.3	36	0	16	0	12	-15	0	8	13	—
	ROSEIRES	1008.0	+0.4	-2.7	NNE	1	0	23.0	-1.5	-0.4	39	+2	20	+3	31	-3	0	33	38	—
SOUTH SUDAN	EL FASHER	1011.2	-1.8	—	WNW	1	0	19.0	-3.0	+2.6	36	+4	13	+2	12	-14	0	1	8	—
	EL OBEID	1013.0	+1.1	-1.3	NE	2	0	17.8	-2.1	-1.5	34	+2	12	0	27	+3	0	17	19	—
	MALAKAL	1010.7	+1.9	+0.5	N	3	0	27.2	-1.0	+1.6	39	+2	22	+3	7	-13	0	103	93	—
	WAU	1009.0	-0.3	-0.7	NW	2	1	24.0	-2.0	-3.0	41	+4	21	+2	33	-9	0	101	152	—
	JUBA	—	—	—	NW	4	0	29.5	-2.0	—	41	—	—	—	40	—	0	75	146	—

TEMP. F. C. — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms. an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	56	-8	11.9	+0.3
Ezbekiya	63	+1	12.3	+1.1
Giza	67	+5	12.0	—
Helwan	65	+14	11.2	+1.5

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
20.2	625	1053
19.2	624	1069

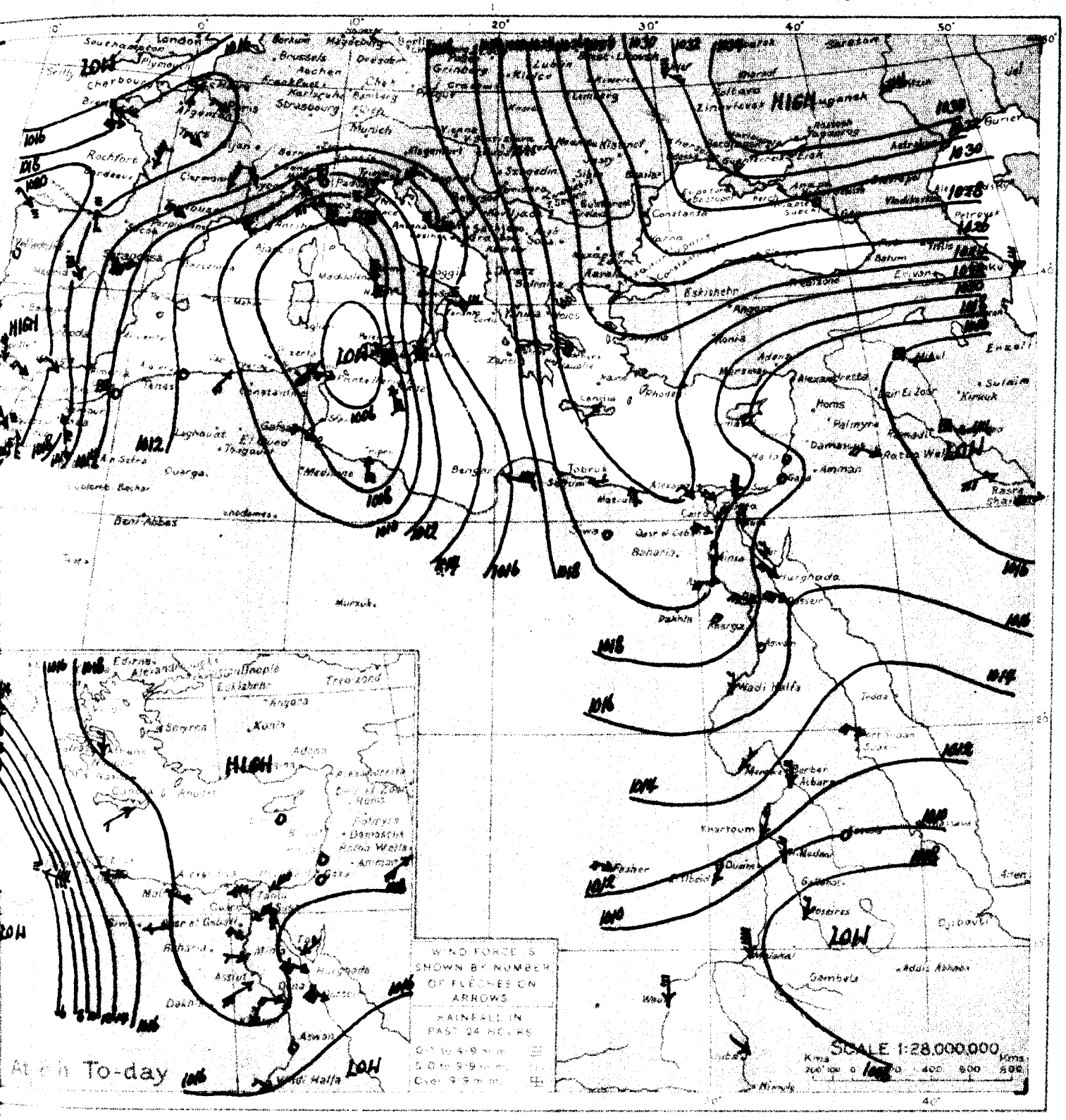
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	21.2	13.28	-0.01	13.29	0.00
Nasser	20.2	4.90	-0.36	4.90	-0.38
Malakal	21.2	9.88	-0.53	9.90	-0.53
Roseires	21.2	11.44	-0.19	11.45	-0.16
Sennar Res.	20.2	20.18	—	20.23	—
Makwar	20.2	4.60	-0.80	4.60	-0.81
Khartoum	21.2	10.04	-0.44	10.02	-0.48
Kh. el Girba					
Atbara	21.2	9.84	-0.42	9.88	-0.40
Wadi Halfa	19.2	1.27	-0.66	1.29	-0.65
Aswan Res.	20.2	113.25	—	113.20	—
" D.S.	20.2	85.09	-0.62	85.10	-0.63
El Leithi	21.2	17.03	-0.50	17.07	-0.48
Roda (Cairo)	21.2	15.70	+0.15	15.77	+0.22

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٢-٢٠ Barometer and Wind at 8 h. Yesterday 20.2.31



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٢-٢٠ From Observations taken at 8 h. yesterday 20.2.31

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.4	-0.3	-7.2	S	3	5	13	+1	—	15	—	12	—	80	—	tr.	—	446	—
	MALTA	1006.8	-5.4	-8.7	SSE	5	2	15	+1	—	17	+1	14	+4	80	—	0	325	345	2
	ATHENS	1023.5	+1.5	+6.5	—	0	0	10	0	—	—	—	—	—	70	—	—	—	257	—
	CANDIA	1022.8	0.0	+6.1	SW	1	0	11	0	—	20	+4	7	-2	—	—	0	397	356	1
	LIMASSOL	1018.0	-0.7	+2.5	—	0	0	14	0		20	+2	7	0	—	—	0	284	356	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06h 28m

" sunset 17h 49m

From Observations taken at 8h. to-day.

Sunday 22nd February, 1931 — ١٩٣١ الأحد ٢٢ فبراير

	STATION	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1st to yesterday (m.m.)	Rainfall: Normal from Oct. 1st to yesterday (m.m.)	Sea
MEDITERRANEAN	SOLLUM	1015.0	-1.7	-2.5	WNW	2	3	12.7	+0.8	+0.4	[illegible]	—	10	—	51	-23	0	51	76	3
	MATRUH	1014.6	-3.2	-2.9	NW	5	4	15.0	+3.7	+2.9	21	+2	11	+2	61	-14	0	165	134	5
	ALEXANDRIA	1014.8	-5.1	-2.6	SSE	3	3	13.8	-0.5	+0.2	22	+2	13	+2	72	0	0	90	168	3
	PORT SAID	1015.1	-4.8	-0.7	SE	2	2	16.6	0.0	+2.8	19	-1	15	+3	68	-6	0	54	60	2
	GAZA																			
	HAIFA	1015.6	-3.4	+0.9	SSE	2	2	16.5	+1.0	+2.1	23	+3	12	+3	61	-2	0	610	580	5
LOWER EGYPT	TANTA	1014.6	-5.4	—	NE	1	4	12.7	+0.2	—	23	—	10	—	73		0	30		
	CAIRO: EZBEKIYA	1014.4	-5.6	-3.3	S	2	1	13.8	+3.1	+2.8	25	+3	10	+1	60	-14	0	16	22	
	CAIRO: GIZA	1014.3	-4.8	-4.1	SE	1	2	15.1	+4.1	—	24	+3	9	+3	60	—	0	20	20	
	CAIRO: HELWAN	1014.4	-4.6	-3.4	SSE	2	1	14.8	+1.2	+3.6	25	+4	12	+3	44	-21	0	19	23	
	SIWA	1016.0	0.0	-1.9	—	0	2	18.0	+0.5	+2.7	—	—	—	—	61	-5	0	35	4	
RED SEA	SUEZ	1013.8	-3.8	-3.8	S	[illegible]	0	19.0	+5.1	+5.4	23	+2	—	—	58	-14	0	27	17	2
	TOR	1015.5	-1.7	-1.1	—	0	0	[illegible]	+0.2	-0.3	24	+2	9	-1	[illegible]	+15	0	11	12	0
	HURGHADA																			
	QOSSEIR	1015.9	-0.4	—	W	1	0	20.4	+0.2	—	24	—	14		55		0	15	—	1
UPPER EGYPT	GEBALI	1015.5	-3.7	-2.5	NE	1	0	12.0	+0.2	+1.2	24	+2	9	+2	79	+8	0	17		
	MINYA	1014.8	-4.4	—	SSW	2	0	14.5	+6.0	+3.3	24	+2	9	+1	53	-20				
	ASYUT	1015.8	-3.3	-2.7	SSW	3	0	13.3	+3.7	+1.9	24	+1	9	+1	59	-4	0	7		
	QENA	1016.2	-2.0	—	ENE	2	1	12.6	+1.7	-0.7	28	+1	9	0	61	+1				
	KHARGA	1015.2	-2.6	—	—	0	3	13.3	+1.7	—	26	—	7	—	41		0	1		
	ASWAN	1016.3	-0.8	-1.1	—	0	1	14.7	+2.1	+0.1	29	+2	12	+1	42	-3				
NORTH SUDAN	WADI HALFA	1015.1	-1.9	-2.2	—	0	2	13.8	+2.0	+0.8	26	-2	8	-1	33	-8				
	WEROWE	1014.0	-0.8	-1.0	ENE	1	0	20.1	+1.5	+2.6	32	0	12	-2	14	-13	0	6	1	
	ATBARA	1013.5	—	+0.1	N	4	0	23.5	—	+3.0	33	+1	15	0	16	-6	0	0	1	
	KHARTOUM	1012.7	-0.3	0.0	NNE	2	0	19.4	+0.5	+0.1	32	0	16	0	16	-7	0	1	5	
CENTRAL SUDAN	PORT SUDAN	1014.7	+1.3	+0.5	NW	2	0	24.1	+1.0	+1.2	27	0	16	-3	46	-18	0	29	104	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.3	+1.3	-1.3	—	0	0	24.0	+1.0	+0.6	39	+1	15	-2	20	-14	0	33	38	
SOUTH SUDAN	EL FASHER	1012.7	+1.5	—	ENE	1	0	17.0	-2.0	+0.4	[illegible]	+5	13	+2	26	0	0	1	8	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — PRESS. Mm. Mb

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Kms an hour	Direction
500	30	S
1000	25	SSW
1500	5	SE
2000	5	SE
3000	30	W

General Situation

There is a shallow depression north of Egypt and pressure has fallen.
A deep depression is centred near the entrance of the Adriatic, and pressure over the central Mediterranean is again falling.

حالة الجو

هناك انخفاض قريب الجو بشمال مصر وقد هبط الضغط
ويوجد انخفاض عميق عند مدخل الادرياتيك وقد أخذ الضغط
فوق أواسط البحر الأبيض في الهبوط ثانية

Forecast for 24 hours from noon to-day.

Southerly winds, moderate to fresh on the coast, light to moderate inland.
Some high cloud.
Mild.

تنبؤات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح جنوبية معتدلة والنسيمة على الساحل وبه
الخفيفة والمعتدلة في الداخل
يكثر بعض السحب العالية
الطقس مائل للدفء

STATION	Humidity Mean of Dry: Yesterday (%)	Humidity Mean of Dry: Diff. from normal (%)	Wet Bulb Temperature Mean of Dry: Yesterday (°C)	Wet Bulb Temperature Mean of Dry: Diff. from normal (°C)
Alexandria	66	+2	13.3	+1.7
Ezbekiya	67	+7	12.8	+1.6
Giza	72	+11	12.4	—
Helwan	45	-5	12.1	+2.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
20-2	625	1053
19-2	624	1069

GAUGE	Date 1931	Reading (m)	Diff. from normal (m)	Previous day: Reading (m)	Previous day: Diff. from normal (m)
Juba	21-2	13.28	-0.01	13.29	0.00
Nasser	20-2	4.90	-0.36	4.90	-0.38
Malakal	21-2	9.88	-0.53	9.90	-0.53
Roseires	22-2	11.43	-0.19	11.44	-0.19
Sennar Res.	20-2	20.18	—	20.23	—
Makwar	20-2	4.60	-0.80	4.66	-0.81
Khartoum	21-2	10.04	-0.44	10.02	-0.48
Kh. el Girba					
Atbara	21-2	9.84	-0.42	9.88	-0.40
Wadi Halfa	22-2	1.20	-0.68	1.21	-0.69
Aswan Res.	20-2	113.25	—	113.20	—
" D.S.	20-2	85.09	-0.62	85.10	-0.63
El Leithi	22-2	17.02	-0.49	17.03	-0.50
Roda (Cairo)	22-2	15.64	+0.09	15.70	+0.15

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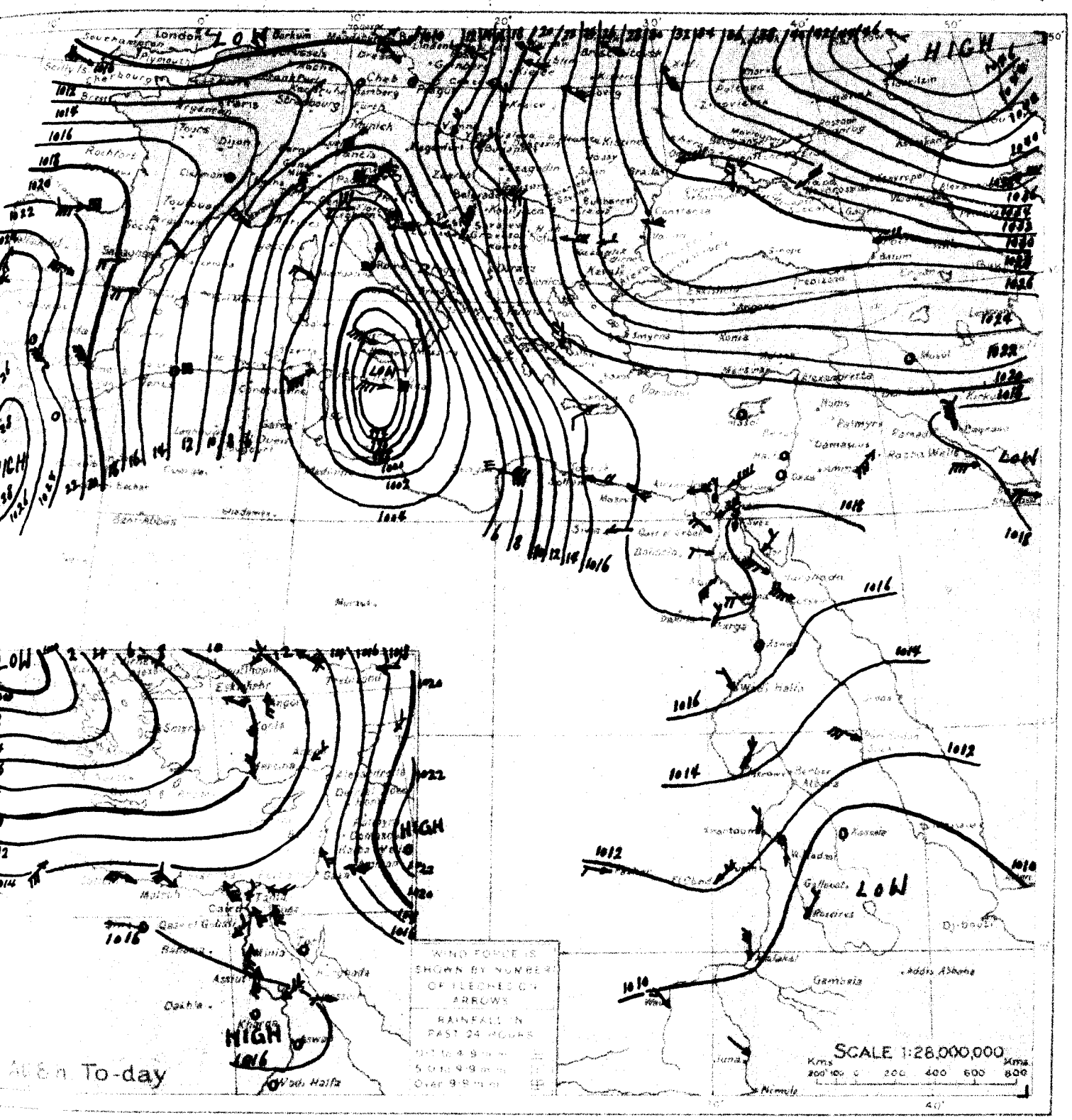
PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٢-٢١ Barometer and Wind at 8 h. Yesterday 21 - 2 - 1931



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

STATE OF SKY	
Clear	0
Fair	1
Cloudy	2
Overcast	3
Extremely cloudy	4
Haze	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٢-٢١ From Observations taken at 8 h. yesterday 21-2-31

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1000.8	-7.6	-14.7	NE	2	4	10	-3	—	17	—	9	—	90	—	4	—	449	—
MALTA	991.7	-15.1	-23.8	WNW	4	5	12	-3	—	17	+1	11	+1	90	—	14	339	346	3
ATHENS	1018.4	-5.1	+1.4	N	1	4	11	+1	—	—	—	—	—	70	—	—	—	258	—
CANDIA	1016.3	-6.5	-0.4	WSW	1	4	11	0	—	21	+5	9	0	—	—	0	397	359	1
LIMASSOL	1019.5	+1.5	+4.0	—	0	0	14	0	—	21	+3	7	0	—	—	0	284	359	1

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 27

" " sunset 17 50

From Observations taken at 8 h. to-day.

Monday 23rd February, 1931 ١٩٣١ الاثنين ٢٣ فبراير

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1015.5	+0.5	-2.0	W	4	0	9.1	-3.6	-3.3	[illegible]	—	6	—	75	+1	0	51	76	5
	MATRUH	1016.3	+1.7	-1.1	WNW	3	0	8.8	-6.2	-3.4	16?	-3	6	-3	42	-33	0	165	135	4
	ALEXANDRIA	1016.8	+2.0	-0.5	W	3	0	4.4	+0.6	+0.7	20	0	9	-2	65	-7	trace	90	169	4
	PORT SAID	1016.7	+1.6	+1.0	W	3	0	13.3	-3.3	-0.6	23	+3	12	0	62	-12	drops	54	61	3
	GAZA	—	—	—	W	4		15.9	+0.7	+2.7	22	+3	14	+6	67	-7	2	198	327	—
	HAIFA	1012.8	-2.8	-1.9	—	0	4	14.3	-2.2	-0.2	20	0	11	+2	55	-8	3	613	583	2
LOWER EGYPT	TANTA	1017.2	+2.6	—	SE	1	0	7.8	-4.9	—	22	—	6	—	86	—	2	32	—	—
	CAIRO EZBEKIYA	1018.0	+3.6	+0.4	SSW	1	0	10.3	-3.5	-0.8	26	+4	8	-1	66	-8	drops	16	22	—
	CAIRO GIZA	1017.9	+3.6	-0.4	SSE	2	0	11.1	-4.0	—	25	+4	6	0	74	—	1	21	20	—
	CAIRO HELWAN	1018.4	+4.0	+0.7	ESE	1	0	10.6	-4.2	-0.7	26	+5	8	-1	61	-14	drops	19	23	—
	SIWA	1017.9	+1.9	+0.1	—	0	0	6.5	-6.5	-3.9	—	—	2	-4	60	-6	0	35	4	—
RED SEA	SUEZ	1016.6	+2.8	-0.9	NE	2	2	13.8	-5.2	+0.1	23	+2	12	+1	63	-9	drops	27	17	2
	TOR	1013.9	-1.6	-2.6	N	4	0	18.3	—	+3.5	25	+3	[illegible]	+6	85	+25	drops	11	12	4
	HURGHADA	1013.9	-1.6	—	NW	6	0	18.0	0.0	—	26	—	15	—	64	—	drops	drops	—	4
	QOSSE'IR	1013.5	-2.4	—	NW	6	0	20.7	+0.3	—	25	—	16	—	54	—	0	15	—	6
UPPER EGYPT	GEBALI	1019.0	+3.5	+1.0	NW	1	0	10.2	-1.8	-0.8	24	+2	6	-1	48	-23	trace	17	—	—
	MINYA	1019.0	+4.2	—	N	1	0	10.5	-4.0	-0.8	25	+2	8	0	63	-10	—	—	—	—
	ASYUT	1019.1	+3.3	+0.7	W	2	0	10.4	-2.9	-1.1	29	+5	8	0	66	+3	0	7	—	—
	QENA	1016.2	0.0	—	SW	3	0	13.9	+1.3	+0.5	31	+4	12	+3	60	0	—	—	—	—
	KHARGA																		—	—
	ASWAN	1015.1	-1.2	-2.2	N	1	0	16.5	+1.8	+1.7	31	+4	15	+3	41	-4	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.1	0.0	-2.1	N	2	0	16.0	+2.2	+2.8	32	+4	13	+3	41	0	—	—	—	—
	MEROWE	1012.0	-2.0	-2.9	NE	1	0	20.6	+0.5	+2.9	34	+2	16	+2	21	-6	0	0	1	—
	ATBARA																			—
	KHARTOUM	1010.7	-2.0	-1.9	NNE	1	0	22.5	+3.1	+3.0	35	+3	18	+2	17	-5	0	1	5	—
EAST SUDAN	PORT SUDAN	1012.0	-2.7	-2.2	—	0	0	23.6	-0.5	+0.6	28	+1	17	-2	75	+11	0	29	104	1
	KASSALA																			—
	WAD MEDANI	1010.2	0.0	-1.7	N	2	0	26.0	+4.5	+4.0	37	+1	18	+2	24	-2	0	8	13	—
	ROSE RES	1008.0	-1.3	-2.5	N	1	0	24.0	0.0	+0.5	40	+2	16	-2	20	-13	0	33	38	—
SOUTH SUDAN	EL FASHER	1011.4	-1.3		WNW	1	0	20.5	+3.5	+3.8	37	+4	13	+2	16	-9	0	1	8	—
	EL OBEID	1011.4	-1.6	-2.8	NE	4	0	22.3	+3.8	+2.7	34	+1	12	0	19	-5	0	17	19	—
	MALAKAL	1008.0	-2.7	-2.1	NNE	4	0	27.8	+1.6	+1.9	40	+3	18	-1	8	-13	0	103	93	—
	WAU																			—
	JUBA																			—

TEMP. F C — 120 110 100 90 80 70 60 50 40 30 20 10 0 — 27 — 3

PRESS. Mm. Mb. — 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Kms an hour	Direction
500	10	W
1000	25	NW
1500	20	NW
2000		
3000		

General Situation

The main depression which is slowly moving east and filling up is now situated over Greece.

Pressure over the eastern Mediterranean is falling, but over Egypt pressure is maintained.

الحالة العمومية

يتحرك الانخفاض الرئيسي شرقا وهو فوق اليونان الآن وآخذ في الامتلاء - والضغط آخذ في الهبوط فوق شرق البحر الابيض المتوسط ولكنه على حاله فوق مصر .

Forecast for 24 hours from noon to day.

On the coast moderate winds between south and west. Inland light winds variable in direction, chiefly southwest.

Occasional medium cloud.

Normal temperature.

التوقعات للمدة من الظهر الى الظهر

رياح معتدلة على الساحل بين جنوبية وغربية ورياح خفيفة مختلفة الاتجاه في الداخل اكثرها جنوبية غربية - يظهر بعض السحاب المتوسط الارتفاع احيانا - ودرجة الحرارة حوالي المعدل

STATION	Humidity Mean of Day: Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	66	+2	12.1	+0.4
Ezbekiya	62	+2	12.6	+1.3
Giza	65	+4	12.5	—
Helwan	58	+8	11.4	+1.6

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
22.2	625	981
21.2	625	1009

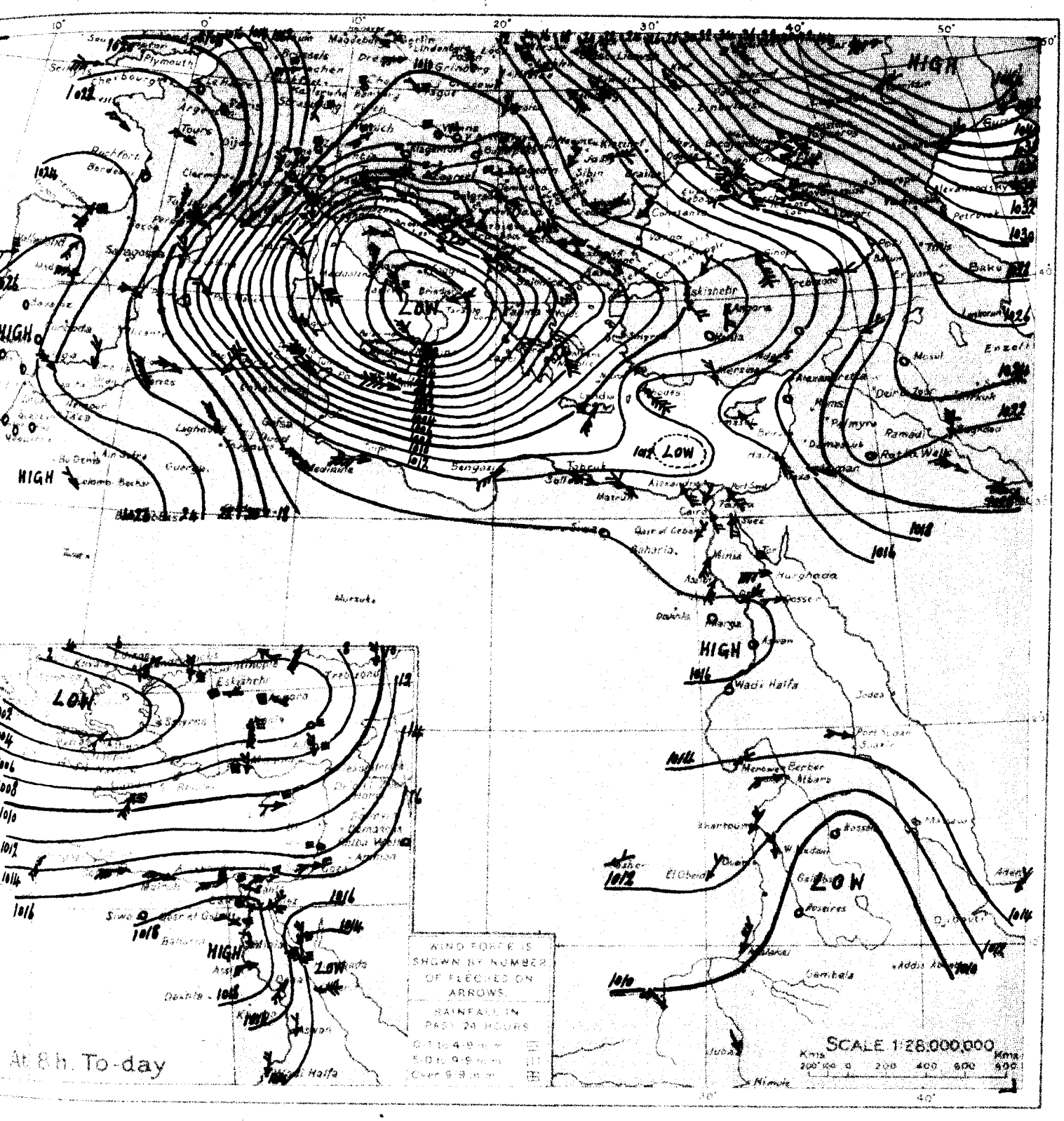
GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Previous day: Diff from normal
	1931	m.	m.	m.	m.
Juba	22.2	13.28	0.00	13.28	-0.01
Nasser	20.2	4.90	-0.36	4.90	-0.38
Malakal	22.2	9.87	-0.53	9.88	-0.53
Roseires	22.2	11.43	-0.19	11.44	-0.19
Sennar Res.	21.2	20.13	—	20.18	—
Makwar	21.2	4.59	-0.81	4.60	-0.80
Khartoum	22.2	10.03	-0.43	10.04	-0.44
Kh. el Girba					
Atbara	22.2	9.82	-0.43	9.84	-0.42
Wadi Halfa	22.2	1.20	-0.68	1.21	-0.69
Aswan Res.	22.2	113.25	—	113.25	—
" D.S.	22.2	85.10	-0.59	85.10	-0.60
El Leithi	23.2	17.00	-0.50	17.02	-0.49
Roda (Cairo)	23.2	15.66	-0.11	15.64	+0.09

PRINTED AT THE SURVEY OF EGYPT 1930(30/558/1) 1930 (30/558)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١ - C - CC Barometer and Wind at 8 h. Yesterday 22.2.31.



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

STATE OF SKY	
Clear	0
Clouded	1
Clouded	2
Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - C - CC From Observations taken at 8 h. yesterday 22.2.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b	m.b				°C.	°C	°C	°C	°C.	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	992.7	-8.1	-22.7	NE	3	4	11	+1	—	12	—	9	—	60	—	—	—	451	—
	MALTA	999.1	+7.4	-16.4	WNW	8	5	12	0	—	13	-3	10	4	70	—	8	347	348	6
	ATHENS	1005.8	-12.6	-11.0	S	4	4	12	+1	—	—	—	—	—	60	—	—	—	260	—
	CANDIA	1010.7	-5.6	-6.0	SSW	3	2	14	+3	—	16	0	11	+2	—	—	3	400	362	3
	LIMASSOL	1017.0	-2.5	+1.6	SE	1	4	16	+2		19	+1	9	+2	—	—	0	284	362	3
EGYPT and SUDAN	Hurghada	1015.5	-2.0	—	W	4	0	18.0	+1.5	—	23	—	9	—	53	—	0	0	—	2
	Atbara	1014.0	+0.5	+0.6	W	2	0	22.0	-1.5	+1.5	33	+1	14	-1	29	+7	0	0	1	—
	Kassala	1009.6	0.0	-1.3	—	0	0	26.0	+2.5	+2.5	36	0	20	+2	21	-34	0	0	11	—
	Wad Medani	1010.2	-0.2	-1.8	N	2	0	21.5	0.0	-0.4	35	-1	16	0	18	-9	0	8	13	—
	El Obeid	1013.0	0.0	-1.2	NE	1	0	18.5	+0.7	-0.9	33	+1	12	0	26	+2	0	17	19	—
	Malakal	1010.7	0.0	+0.5	NNE	4	0	26.2	-1.0	+0.5	39	+2	18	-1	10	-11	0	103	93	—
	Wau	1009.8	+0.8	+0.1	NW	2	0	24.0	0.0	-3.0	39	+2	17	-2	35	-7	0	101	152	—
	Juba	—	—	—	NW	—	0	28.5	-1.0	—	40	—	—	—	49	—	0	75	147	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h. 26 m.

" " sunset 17 h. 50 m.

From Observations taken at 8 h. to-day.

Tuesday 24th February, 1931 — الثلاثاء ٢٤ فبراير ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C		°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1013.3	-2.2	-4.2	W	3	0	9.3	+0.2	-3.2	[illegible]		—	7	—	78	+4	0	51	77	5
	MATRUH	1012.8	-3.5	-4.6	WSW	4	0	10.3	+1.5	-2.0	20		+1	8	-1	59	-16	0	165	136	5
	ALEXANDRIA	1014.2	-2.6	-3.0	SW	4	0	11.9	-2.5	-1.9	18		-2	9	-2	32	-40	0	90	170	4
	PORT SAID	1015.0	-1.7	-0.7	SSW	3	0	12.2	-1.1	-1.8	21		+1	9	-3	74	0	0	54	61	3
	GAZA	—	—	—	S	2	0	10.6	-5.3	-2.7	18		-1	7	-2	79	+5	0	198	329	—
	HAIFA	1013.6	+0.8	-1.0	—	0	0	12.9	-1.4	-1.7	17		-3	9	0	64	+1	0	613	586	1
LOWER EGYPT	TANTA	1015.4	-1.8	—	SSE	1	0	7.5	-0.3	—	21		—	5	—	59	—	0	32	—	—
	CAIRO EZBEKIYA	1015.9	-2.1	-1.7	SSE	2	0	9.9	-0.4	-1.3	20		-2	7	-2	41	-33	0	16	22	—
	CAIRO GIZA	1015.6	-2.3	-2.6	SSE	2	0	10.0	-1.1	—	20		-1	4	-2	41	—	0	21	20	—
	CAIRO HELWAN	1016.0	-2.4	-1.7	SE	2	0	11.0	+0.4	-0.3	19		-2	7	-2	25	-40	0	19	23	—
	SIWA	1013.9	-4.0	-3.9	—	0	0	8.0	+1.5	-2.5	—		—	4	-2	62	-4	0	35	4	—
RED SEA	SUEZ	1014.6	-2.0	-2.8	NE	1	0	12.5	-1.3	-1.2	21		0	8	-3	54	-19	0	27	17	1
	TOR	1014.0	+0.1	-2.4	N	2	0	17.8	-0.5	+2.7	22		0	7	-4	65	+5	0	11	12	2
	HURGHADA	1012.8	-1.1	—	NW	5	0	15.0	-3.0	—	22		—	8	—	33	—	0	0	—	3
	QOSSEIR	1013.8	+0.3	—	W	3	0	19.2	-1.5	—	24		—	139	—	31	—	0	15	—	3
UPPER EGYPT	GEBAL	1016.3	-2.7	-1.6	SSW	1	0	8.0	-2.2	-3.0	21		-1	8	+1	59	-11	0	17	—	—
	MINYA	1017.1	-1.9	—	WSW	1	0	7.0	-3.5	-4.4	20		-3	3	-5	51	-22	—	—	—	—
	ASYUT	1017.8	-1.3	-0.5	WSW	2	0	9.0	-1.4	-2.6	20		-4	5	-3	42	-21	0	7	—	—
	QENA	1016.2	0.0	—	W	3	0	10.1	-3.8	-3.5	26		-1	6	-3	54	-6	—	—	—	—
	KHARGA	1017.5	-0.5	—	—	0	0	11.5	-4.1	—	22		—	2	—	32	—	0	1	—	—
	ASWAN	1016.0	+0.9	-1.2	—	0	0	11.8	-4.7	-3.2	27		-1	6	-4	32	-12	—	—	—	—
NORTH SUDAN	WADI HALFA	1014.6	-0.5	-2.5	—	0	0	12.6	-3.4	-0.8	33		+5	11	+1	24	-17	—	—	—	—
	MEROWE	1013.0	+1.0	-1.8	NE	2	0	19.6	-1.0	+1.7	35		+3	15	+1	22	-5	0	0	1	—
	ATBARA																				—
	KHARTOUM	1010.3	-0.4	-2.2	NNE	2	0	21.0	-1.5	+1.3	35		+2	17	+1	16	-6	0	1	5	—
CENTRAL SUDAN	PORT SUDAN	1011.9	-0.1	-2.2	NW	2	4	23.9	+0.3	+0.9	28		0	19	0	76	+12	0	29	104	2
	KASSALA	1008.2	-1.3	-2.6	—	0	0	24.5	-1.0	+0.6	37		0	16	-2	13	-41	0	0	11	—
	WAD MEDANI	1010.0	-0.2	-1.8	N	3	0	27.0	+1.0	+4.9	38		+2	19	+3	15	-11	0	8	13	—
	ROSEIRES	1008.0	0.0	-2.5	—	0	0	23.5	-0.5	-0.1	40		+2	16	-2	35	+2	0	33	38	—
SOUTH SUDAN	EL FASHER	1009.4	-2.0	—	NW	1	0	18.0	-2.5	+1.2	36		+3	13	+2	20	-5	0	1	8	—
	EL OBEID																				—
	MALAKAL	1008.2	+0.2	-1.8	N	4	1	27.3	-0.5	+1.3	41		+3	21	+1	9	-12	0	103	93	—
	WAU	1007.9	+0.3	-1.7	SW	2	0	25.0	0.0	-2.0	41		+4	16	-4	—	—	0	101	153	—
	JUBA	—	—	—	NW	—	0	29.5	+0.5	—	42		—	—	—	46	—	0	75	147	—

Upper Wind Observations at Helwan at 8 h. 30 m.

Height (metres)	Km. an hour	Direction
500	20	SW
1000	30	W
1500	40	W
2000	40	W
3000		

General Situation

Egypt is under the influence of the Mediterranean depression which is now centred near Athens, but continues to become shallower. Pressure over the eastern Mediterranean and Egypt is slowly falling.

الحالة العمومية

تقع مصر تحت تأثير انخفاض البحر الأبيض الذي يقع الآن بالقرب من أثينا ولكنه يقل عمقا ويرتفع الضغط على شرق البحر الأبيض ومصر بالتدريج

Forecast for 24 hours from noon to-day.

Moderate to fresh winds southwest to west on the coast, southerly inland.
Clear today, some medium cloud tomorrow.
Light rain on the coast probable tomorrow.
Remaining cool.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر غد

رياح جنوبية غربية الى غربية ما بين المعتدلة والشديدة نوعا على الساحل وجنوبية في الداخل
السماء صحو اليوم وقد يظهر بعض السحاب المتوسط غدا
ويحتمل أن تمطر خفيفا على الساحل بالمر ويستمر الطقس بارد بوجه عام

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	58	-6	10.8	-0.9
Ezbekiya	53	-7	8.3	-3.0
Giza	67	+6	8.8	—
Helwan	37	-13	7.6	-2.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
23-2	670	969
22-2	625	981

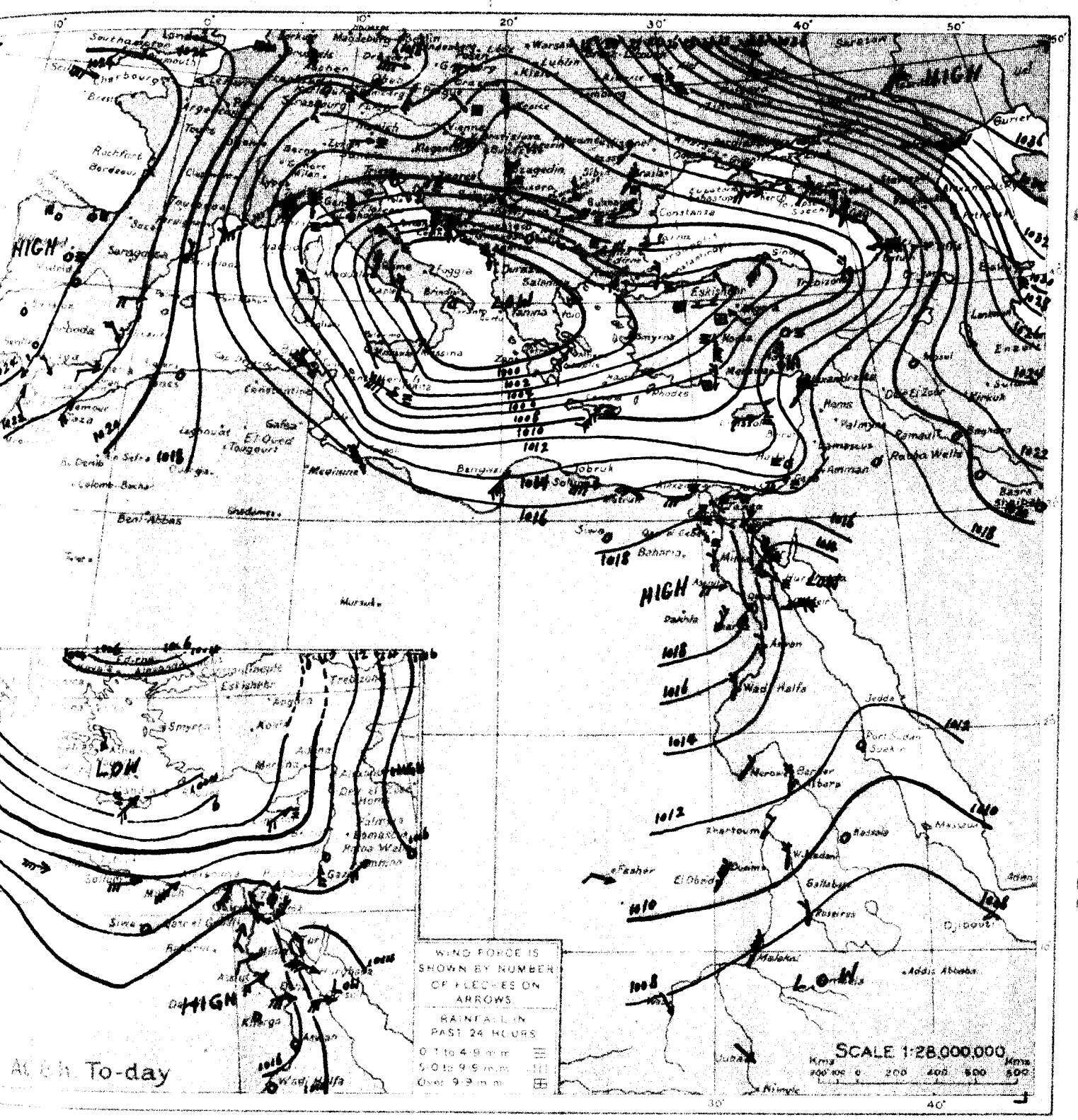
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	23-2	13.28	0.00	13.28	0.00
Nasser	21-2	4.91	-0.33	4.90	-0.36
Malakal	23-2	9.86	-0.53	9.87	-0.53
Roseires	23-2	11.42	-0.19	11.43	-0.19
Sennar Res.	23-2	20.06	—	20.08	—
Makwar	23-2	4.50	-0.89	4.50	-0.89
Khartoum	23-2	10.04	-0.41	10.03	-0.43
Kh. el Girba					
Atbara	23-2	9.83	-0.41	9.82	-0.43
Wadi Halfa	23-2	1.20	-0.66	1.20	-0.68
Aswan Res.	23-2	113.21	—	113.25	—
" D.S.	23-2	85.18	-0.48	85.10	-0.59
El Leithi	24-2	16.98	-0.50	17.00	-0.56
Roda (Cairo)	24-2	15.70	+0.15	15.66	+0.11

PRINTED AT THE SURVEY OF EGYPT 1930(85/969/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١ -٢-٢٣ Barometer and Wind at 8 h. Yesterday 23-2-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٢-٢٣ From Observations taken at 8 h. yesterday 23-2-1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1001·8	+9·1	-13·4	NE	3	2	9	-2	—	15	—	7	—	50	—	—	—	453	—
	MALTA	1004·8	+5·7	-10·7	NNW	8	4	10	-2	—	13	-3	7	-3	60	—	1	348	350	5
	ATHENS	1001·1	-4·7	-15·7	SW	1	3	12	0	—	—	—	—	—	60	—	—	—	261	—
	CANDIA	1008·6	-2·1	-8·0	SSW	5	3	13	-1	—	17	+1	10	+1	—	—	drops	400	364	4
	LIMASSOL	1010·6	-6·4	-4·8	W	1	0	13	-3		19	+1	10	+3	—	—	3	287	364	3
EGYPT and SUDAN	Kharga	1018·0	+2·8	—	NNE	2	0	15·6	+2·3	—	29	—	12	—	26	—	0	1	—	—
	Atbara	1012·7	-1·3	-0·7	N	2	0	21·5	-0·5	+0·8	34	+1	15	0	28	+6	0	0	1	—
	Kassala	1009·5	-0·1	-1·3	—	0	0	25·5	-0·5	+1·8	36	0	15	-3	21	-33	0	0	11	—
	Wau	1007·6	-2·2	-2·0	NW	1	0	25·0	+1·0	-2·0	41	+4	17	-3	34	-8	0	101	152	—
	Jaba	—	—	—	NW	—	0	29·0	+0·5	—	41	—	—	—	29	—	0	75	147	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 25 m

" " sunset 17 h 51 m

From Observations taken at 8 h. to-day.

Wednesday 25th February, 1931 — ١٩٣١ الاربعاء ٢٥ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal (Yesterday)	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1018.0	+4.7	+0.6	NW	2	0	9.2	-0.1	-3.4	[illegible]	—	6	—	89	+15	0	51	78	4
	MATRUH	1017.0	+4.2	-0.3	NNW	3	0	10.0	-0.3	-2.4	17	-2	8	-1	74	-1	0	165	137	5
	ALEXANDRIA	1016.8	+2.6	-0.4	N	2	0	15.2	+3.3	+1.4	19	-1	9	-3	75	+3	0	90	171	3
	PORT SAID	1016.4	+1.4	+0.8	WSW	2	0	12.9	+0.7	-1.1	22	+2	10	-2	67	-7	0	54	61	3
	GAZA	—	—	—	—	0	0	12.1	+1.5	-1.2	19	0	8	-1	68	-5	0	198	332	—
	HAIFA	1013.0	-0.6	-1.6	—	0	4	15.2	+2.3	+0.5	21	+1	10	+1	72	+9	5	618	589	3
LOWER EGYPT	TANTA	1017.0	+1.6	—	S	1	0	9.5	+2.0	—	22	—	5	—	64	—	0	32	—	—
	CAIRO: EZBEKIYA	1017.9	+2.0	+0.4	SE	2	0	11.8	+1.9	+0.5	23	+1	9	0	45	-29	0	16	22	—
	CAIRO: GIZA	1017.8	+2.2	-0.4	SE	2	0	11.9	+1.9	—	22	+1	8	+2	53	—	0	21	20	—
	CAIRO: HELWAN	1018.0	+2.0	+0.4	SE	2	0	11.7	+0.7	+0.3	21	0	9	0	39	-26	0	19	23	—
	SIWA	1017.8	+3.9	0.0	—	0	0	9.3	+1.3	-1.4	—	—	4	-2	70	+4	0	35	4	—
RED SEA	SUEZ	1016.7	+2.1	-0.7	NE	1	0	13.0	+0.5	-0.8	21	-1	9	-2	50	-23	0	27	17	1
	TOR	1015.8	+1.8	-0.5	NW	4	0	18.1	+0.3	+2.9	23	+1	12	+1	84	+23	0	11	12	4
	HURGHADA	1016.3	+3.8	—	NW	5	0	15.4	+0.4	—	22	—	9	—	33	—	0	0	—	3
	QOSSEIR	1016.3	+2.2	—	NW	5	0	19.4	+0.2	—	23	—	15?	—	19	—	0	15	—	5
UPPER EGYPT	GEBALI	1018.7	+2.4	+0.8	S	1	0	11.0	+3.0	-0.1	23	+1	5	-2	58	-12	0	17	—	—
	MINYA	1019.1	+2.0	—	NNW	1	0	9.5	+2.5	-2.0	22	-1	4	-4	55	-18	—	—	—	—
	ASYUT	1020.2	+2.4	+2.0	W	2	0	11.8	+2.8	+0.1	21	-3	8	0	47	-16	0	7	—	—
	QENA	1018.0	+1.8	—	NNW	2	1	10.4	+0.3	-3.4	27	0	7	-3	53	-6	—	—	—	—
	KHARGA	1019.1	+1.6	—	—	0	0	14.5	+3.0	—	23	—	5	—	39	—	0	1	—	—
	ASWAN	1017.8	+1.8	+0.7	—	0	0	10.3	-1.5	-4.8	25	-3	7	-5	36	-8	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.1	+2.5	+0.1	NNE	1	0	10.2	-2.4	-3.4	24	-4	7	-3	26	-14	—	—	—	—
	MEROWE	1014.3	+1.3	-0.4	NNE	2	0	17.6	-2.0	-0.5	34	+2	13	-1	15	-12	0	0	1	—
	ATBARA																			—
	KHARTOUM	1012.3	+2.0	-0.1	NNE	2	1	21.0	0.0	+1.2	36	+3	18	+1	9	-13	0	1	5	—
EAST SUDAN	PORT SUDAN	1013.4	+1.5	-0.6	N	2	1	25.1	+1.2	+2.0	29	+1	21	+2	63	-1	0	29	104	2
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1007.1	+0.9	-3.3	NNE	1	0	25.0	+1.5	+1.3	41	+3	17	-1	28	-4	0	33	38	—
SOUTH SUDAN	EL FASHER			—																—
	EL OBEID																			—
	MALAKAL	1008.3	+0.1	-1.7	N	4	0	28.6	+1.3	+2.4	41	+3	21	+1	10	-11	0	103	93	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F. C. — PRESS Mm. Mb.

Upper Wind Observations at Helwan at h. m. 8 15

Height (metres)	Kms. an hour	Direction
500	15	N
1000	30	N
1500	30	N
2000	50	N
3000	55	N

General Situation

The depression has now passed to Asia Minor and pressure over Egypt and the eastern Mediterranean has risen. There is a shallow depression between Malta and Crete.

الحالة العمومية

مرّ الانخفاض الى آسيا الصغرى وقد ارتفع الضغط على مصر وشرق البحر الابيض المتوسط — ويوجد انخفاض ضئيل ما بين مالطا وكريت .

Forecast for 24 hours from noon to-day.

On the coast moderate to fresh westerly winds. Inland light to moderate south to west winds. Occasional medium cloud. Little change in temperature.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين المعتدلة والنسيم غربية على الساحل وما بين الخفيفة والمعتدلة جنوبية الى غربية في الداخل — بعض السحاب المتوسط احيانا — ولا تتغير درجة الحرارة الا قليلا

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	48	-16	10.0	-1.8
Ezbekiya	35	-25	8.5	-2.9
Giza	33	-28	8.3	—
Helwan	21	-29	7.1	-2.7

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Khartoum river-gauge reading for 12.2.31 is 9.97 m.

قراءة المقياس بخزان الخرطوم يوم ١٢/٢/٣١ هي ٩٫٩٧ م

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
24.2	669	949
23.2	670	949

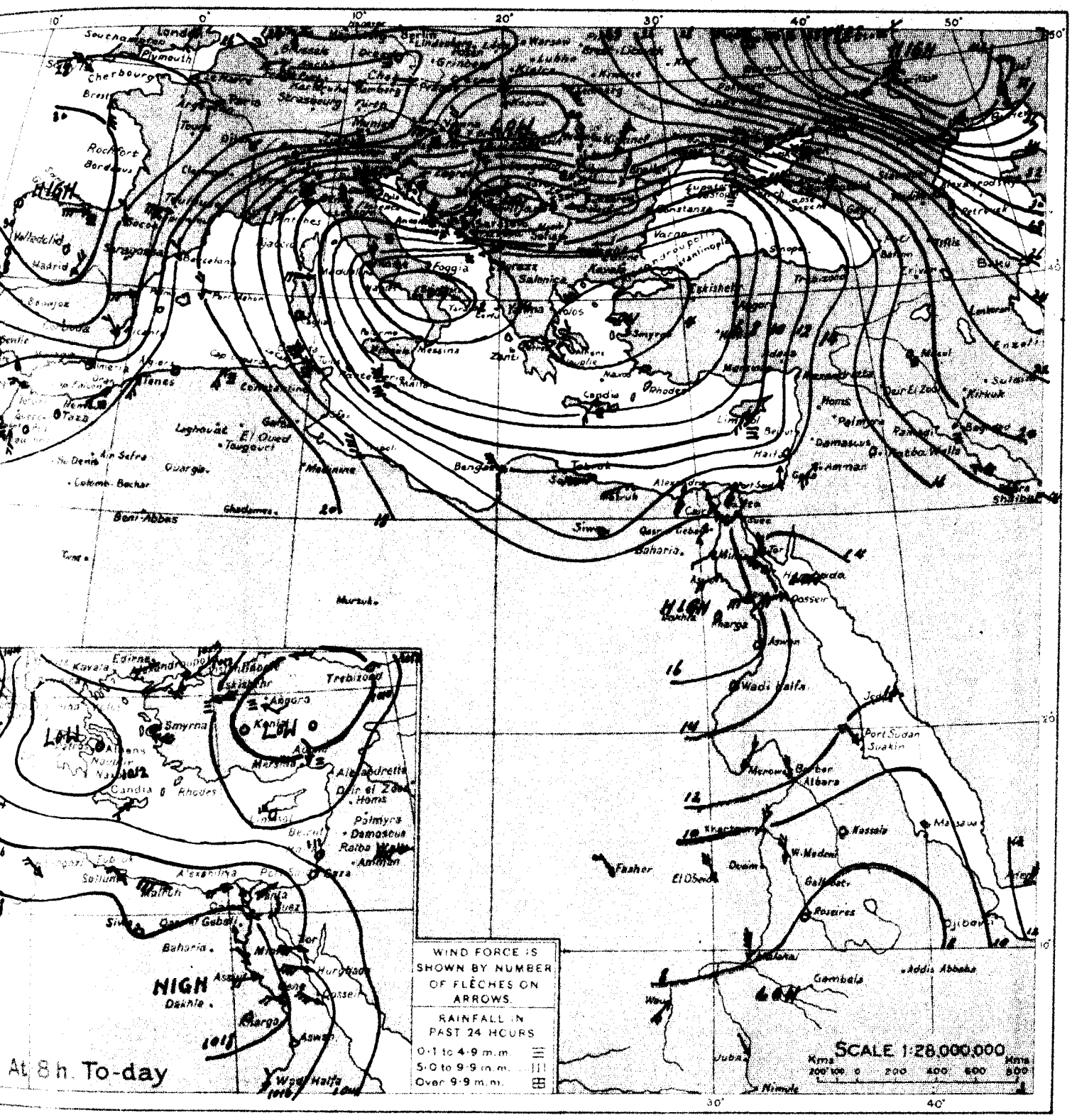
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	24.2	13.30	+0.02	13.28	0.00
Nasser	23.2	4.94	-0.25	4.92	-0.29
Malakal	24.2	9.85	-0.53	9.86	-0.53
Roseires	25.2	11.40	-0.19	11.41	-0.19
Sennar Res.	24.2	20.02	—	20.06	—
Makwar	24.2	4.50	-0.88	4.50	-0.89
Khartoum	24.2	10.05	-0.39	10.04	-0.41
Kh. el Girba					
Atbara	24.2	9.82	-0.41	9.83	-0.41
Wadi Halfa	24.2	1.19	-0.65	1.20	-0.66
Aswan Res.	24.2	113.19	—	113.21	—
" D.S.	24.2	85.18	-0.46	85.18	-0.48
El Leithi	25.2	16.96	-0.51	16.98	-0.50
Roda (Cairo)	25.2	15.73	+0.18	15.70	+0.15

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ . ٢ . ٢٤ Barometer and Wind at 8 h. Yesterday 24 · 2 · 31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ . ٢ . ٢٤ From Observations taken at 8 h. yesterday. 24. 2. 31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1003.6	+1·8	-11·5	NE	3	4	6	-3	—	14	—	4	—	60	—	—	—	456	—
	MALTA	1009·8	+5·0	-5·7	NW	5	3	11	+1	—	13	-3	9	-1	50	—	1	349	352	4
	ATHENS	1003·1	+2·0	-13·6	NNE	1	2	8	-4	—	—	—	—	—	70	—	—	—	262	—
	CANDIA	1005·8	-2·8	-10·8	SW	2	1	11	-2	—	20	+4	9	0	—	—	3	403	367	2
	LIMASSOL	1009·5	-1·1	-5·7	SW	2	3	15	+2		18	0	7	0	—	—	trace	287	367	5
EGYPT and SUDAN	Atbara	1012·7	0·0	-0·6	N	2	0	22.0	+0·5	+1·2	35	+2	17	+2	36	+14	0	0	1	—
	EL Obeid	1010·7	-0·7	-3·4	NNW	2	2	20·2	-2·1	+0·4	36	+3	14	+2	30	+7	0	17	19	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 24 m

" " sunset 17 h 52 m

From Observations taken at 8h. to-day.

Thursday 26th February, 1931 — ١٩٣١ الخميس ٢٦ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1019.8	+1.8	+2.4	NW	2	0	12.1	+2.9	-0.6	[illegible]	—	8	—	76	+2	0	51	79	3
	MATRUH	1019.9	+2.9	+2.6	WNW	2	0	10.3	+0.3	-2.2	16	-3	9	0	83	+8	0	165	138	3
	ALEXANDRIA	1020.0	+3.2	+2.9	W	3	1	15.9	+0.7	+2.0	19	-1	9	-3	61	-11	0	90	172	3
	PORT SAID	1019.2	+2.8	+3.7	W	3	0	13.5	+0.6	-0.6	22	+2	11	-1	81	+7	0	54	62	3
	GAZA	—	—	—	SW	1	3	12.4	+0.3	-1.0	18	-1	10	+1	87	+14	5	203	335	—
	HAIFA	1014.7	+1.7	+0.1	SSE	1	1	15.2	0.0	+0.4	20	0	10	+1	72	+9	5	623	592	2
LOWER EGYPT	TANTA	1019.8	+2.8	—	WSW	1	0	9.8	+0.3	—	23	—	6	—	86	—	0	32	—	—
	CAIRO EZBEKIYA	1021.0	+3.1	+3.6	S	1	1	11.4	-0.4	0.0	23	+1	8	-1	66	-8	0	16	23	—
	CAIRO GIZA	1021.0	+3.2	+2.9	SE	1	3	12.0	+0.1	—	22	0	6	-1	64	—	0	21	21	—
	CAIRO HELWAN	1021.0	+3.0	+3.4	—	0	1	11.2	-0.5	-0.3	21	0	9	-1	62	-3	0	19	23	—
	SIWA	1019.2	+1.4	+1.5	—	0	0	12.5	+3.2	+1.7	—	—	4	-2	71	+5	0	35	4	—
RED SEA	SUEZ	1019.4	+2.7	+2.1	NE	2	0	13.2	+0.2	-0.6	21	-1	10	-1	64	-9	0	27	17	1
	TOR	1017.9	+2.1	+1.6	N	4	3	18.3	+0.2	+3.0	23	+1	14	+3	68	+7	0	11	12	4
	HURGHADA	1018.8	+2.5	—	NNW	5	3	17.0	+1.6	—	22	—	10	—	56	—	0	0		3
	QOSSEIR	1017.8	+1.8	—	NW	5	1	19.8	+0.4	—	23	—	15	—	29	—	0	15	—	5
UPPER EGYPT	GEBALI	1021.5	+2.8	+3.7	S	1	0	11.7	+0.7	+0.5	22	-1	6	-1	62	-8	0	17	—	—
	MINYA	1021.4	+2.3	—	NNW	1	0	11.2	+1.7	-0.4	22	-1	6	-2	67	-6			—	—
	ASYUT	1021.4	+1.2	+3.3	WNW	3	2	11.6	-0.2	-0.2	22	-2	8	0	46	-16	0	7	—	—
	QENA	1019.8	+1.8	—	W	2	1	12.2	+1.8	-1.8	26	-1	9	-1	61	+2	—		—	—
	KHARGA	1020.4	+1.3	—	NNE	1	4	15.5	+1.0	—	24	—	7	—	39		0	1	—	—
	ASWAN	1019.2	+1.4	+2.2	—	0	2	13.4	+3.1	-1.9	25	-3	10	-2	42	-2	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.9	+0.8	+1.0	—	0	0	12.2	+2.0	-1.5	26	-2	8	-2	43	+3	—	—	—	—
	MEROWE	1015.2	+0.9	+0.6	NE	2	0	16.6	-1.0	-1.7	33	0	11	-3	12	-15	0	0	1	—
	ATBARA																			—
	KHARTOUM	1012.6	+0.3	+0.3	NNE	3	0	20.3	-0.7	+0.3	35	+2	16	-1	10	-12	0	1	5	—
EAST SUDAN	PORT SUDAN	1017.1	+3.7	+3.1	NW	3	1	24.2	-0.9	+1.0	28	0	19	0	56	-8	0	29	104	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES																			
SOUTH SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — 120 110 100 90 80 70 60 50 40 30 27 — 40 35 30 25 20 15 10 5 0 -3

PRESS. Mm. Mb. — 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990 985 980

Upper Wind Observations at Helwan at h. m. 8 15

Height (metres)	Kms an hour	Direction
500	15	NNW
1000	35	NW
1500	30	WNW
2000	40	NW
3000	50	W

General Situation

The pressure continues to rise and Egypt is now an area of high pressure, with pressure decreasing to northern Syria where there is a shallow depression.

الحالة العمومية

يستمر الضغط في الصعود ومصر الآن منطقة ارتفاع ويهبط الضغط الى شمال سوريا حيث يوجد هناك انخفاض قريب الغور

Forecast for 24 hours from noon to-day.

On the coast moderate west to northwest winds.
Inland light to moderate winds, chiefly west to northwest.
Some medium cloud.
Little change in temperature.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة مابين الغربية والشمالية الغربية على الساحل
ورياح مابين الخفيفة والمعتدلة تكون غالبا بين غربية وشمالية غربية
ينتظر بعض السحاب المتوسط
ولا تتغير درجة الحرارة إلا قليلا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	65	+1	12.5	+0.7
Ezbekiya	39	-21	9.8	-1.7
Giza	45	-16	9.9	—
Helwan	31	-19	8.9	-1.0

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Juba River Gauge
Reading for 3-2-1931 published on 4-2-1931 should read 13.30 instead of 13.70 M.
صحة قراءة النهر بجنوب
جوبا يوم ٣/٢/٩٣١ المنشورة
بتقرير يوم ٤/٢/٩٣١ هي
١٣,٣٠ بدلا من ١٣,٧٠ مترا

Discharges at Aswan measured by sluices m3 per sec.

DATE	1931	1930
25-2	672	950
24-2	669	949

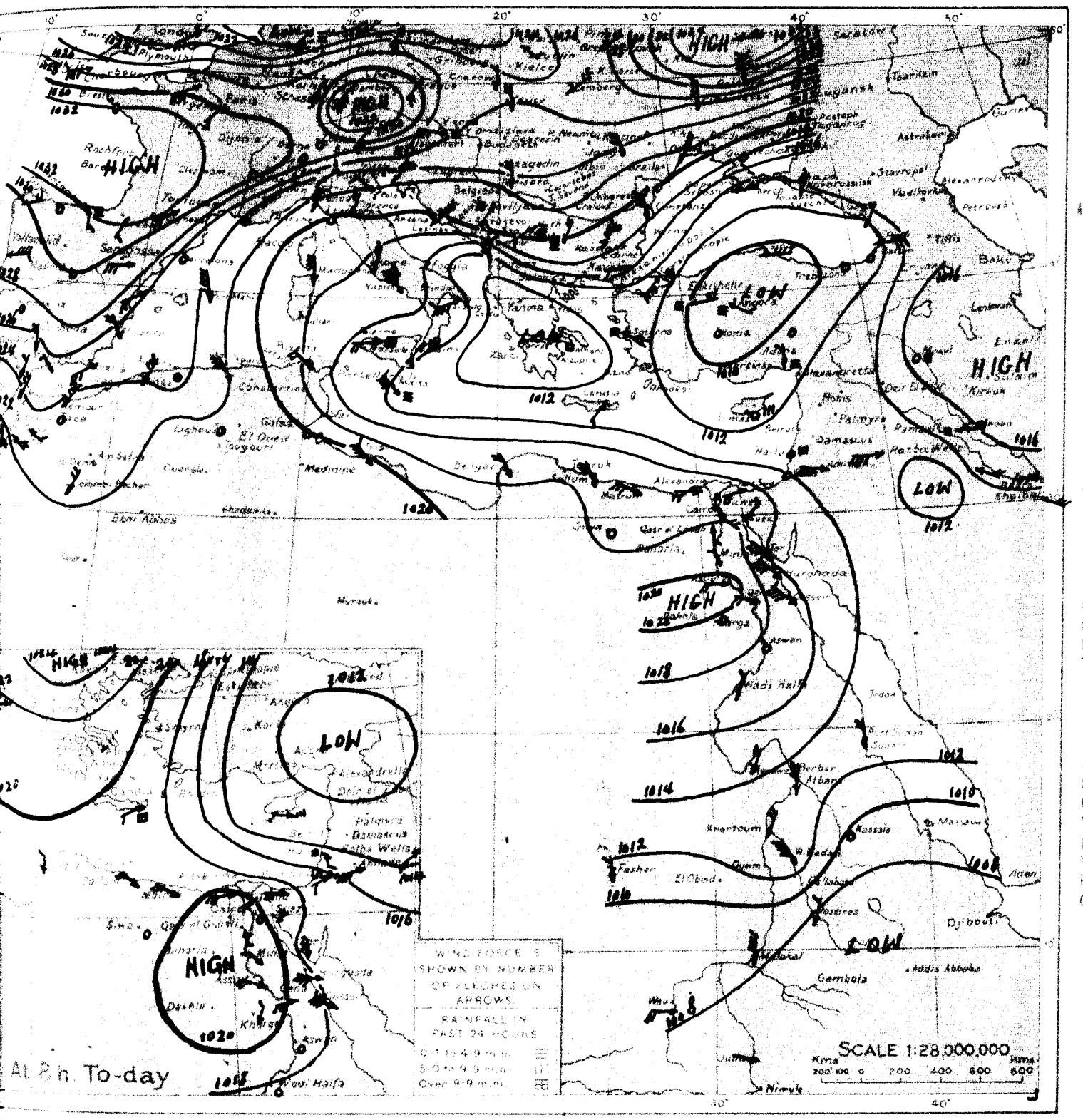
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	25-2	13.28	0.00	13.30	+0.02
Nasser	24-2	4.93	-0.25	4.96	-0.25
Malakal	24-2	9.85	-0.53	9.86	-0.53
Roseires	26-2	11.38	-0.20	11.40	-0.19
Sennar Res.	25-2	19.98	—	20.02	—
Makwar	25-2	4.50	-0.88	4.50	-0.88
Khartoum	26-2	10.00	-0.42	10.03	-0.40
Kh. el Girba					
Atbara	25-2	9.82	-0.40	9.82	-0.41
Wadi Halfa	25-2	1.17	-0.65	1.19	-0.65
Aswan Res.	25-2	113.18	—	113.19	—
" D.S.	25-2	85.16	-0.45	85.18	-0.46
El Leithi	26-2	16.94	-0.52	16.96	-0.51
Roda (Cairo)	25-2	15.73	+0.18	15.70	+0.15

PRINTED AT THE SURVEY OF EGYPT 1929(29/569/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٢-٢٥ Barometer and Wind at 8 h. Yesterday 25-2-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٢-٢٥ From Observations taken at 8 h yesterday. 25-2-1931

	STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change in last 24 hours	BAROMETER: Diff from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in last 24 hours	TEMPERATURE: Diff from normal	TEMPERATURE: Maximum yesterday	TEMPERATURE: Diff from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1 to yesterday	RAINFALL: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1017.0	+13.4	+2.0	NE	3	0	7	+1	—	13	—	5	—	50	—	—	—	458	—
	MALTA	1013.6	+3.8	-1.9	NW	5	2	10	-1	—	13	-3	8	-2	70	—	3	352	354	3
	ATHENS	1011.8	+8.7	-4.8	—	0	5	8	0	—	—	—	—	—	90	—	—	—	264	—
	CANDIA	1012.2	+6.4	-4.4	SW	1	1	11	0	—	21	+5	8	-1	—	—	0	403	369	2
	LIMASSOL	1011.1	+1.6	-4.1	—	0	2	13	-2		17	-1	8	+1	—	—	8	295	370	1
EGYPT and SUDAN	Atbara	1012.6	-0.1	-0.7	N	3	0	22.5	+0.5	+1.5	35	+2	17	+2	34	+13	0	0	1	—
	Kassala	1008.6	+0.4	-2.1	—	0	0	22.5	-2.0	-1.5	38	+1	16	-2	17	-36	0	0	11	—
	Medani	1013.0	+3.0	+1.2	NNW	4	0	25.0	-2.0	+2.8	40	+4	20	+4	8	-18	0	8	13	—
	El Fasher	1010.8	+1.4	—	NNW	1	0	20.0	+2.0	+3.0	37	+4	12	+1	18	-7	0	1	8	—
	Wau	1008.7	+0.8	-0.9	W	2	0	26.0	+1.0	-1.0	41	+4	19	-1	24	-18	0	101	153	—
	Juba	—	—	—	WNW	—	1	28.0	-1.5	—	41	—	—	—	51	—	0	75	147	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 23 m

" " sunset 17 h 52 m

From Observations taken at 8h. to-day.

Friday 27th February, 1931 ١٩٣١ الجمعة ٢٧ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.5	−0.3	+2.7	ENE	1	3	12.1	0.0	−0.7	—	—	9	—	80	+6	0	51	80	1
	MATRUH	1019.5	−0.4	+2.2	NNW	2	2	10.3	0.0	−2.3	17	−2	9	0	89	+14	0	165	139	2
	ALEXANDRIA	1020.7	+0.7	+3.7	S	2	2	13.6	−2.3	−0.3	20	0	10	−2	85	+13	0	90	172	2
	PORT SAID	1020.2	+1.0	+4.7	SW	2	0	13.4	−0.1	−0.8	21	+1	11	−1	83	+9	0	54	62	3
	GAZA	—	—	—	—	0	0	11.3	−1.1	−2.2	17	−3	10	+1	89	+16	3	206	338	—
	HAIFA	1017.2	+2.5	+2.6	—	0	2	16.4	+1.2	+1.5	19	−1	11	+2	69	+6	2	625	595	3
LOWER EGYPT	TANTA	1020.3	+0.5	—	SSE	1	0	11.7	+1.9	—	22	—	7	—	79	—	0	32	—	—
	CAIRO EZBEKIYA	1020.0	−1.0	+2.7	—	0	0	11.8	+0.4	+0.3	22	0	8	−1	69	−4	0	16	23	—
	CAIRO GIZA	1020.2	−0.8	+2.2	—	0	0	11.8	−0.2	—	21	−1	5	−2	90	—	0	21	21	—
	CAIRO HELWAN	1020.0	−1.0	+2.5	—	0	0	13.5	+2.3	+1.9	20	−2	9	−1	56	−9	0	19	24	—
	SIWA	1017.8	−1.4	+0.1	—	0	0	9.7	−2.8	−1.2	—	—	5	−1	66	0	0	35	4	—
RED SEA	SUEZ	1019.1	−0.3	+1.9	N	1	0	13.5	+0.3	−0.4	22	0	10	−1	66	−7	0	27	17	0
	TOR	1017.2	−0.7	+1.0	N	4	2	18.8	+0.5	+3.3	22	0	11	0	87	+26	0	11	12	4
	HURGHADA	1018.3	−0.5	—	WNW	5	3	17.5	+0.5	—	22	—	14	—	70	—	0	0		3
	QOSSEIR	1017.2	−0.6	—	NW	7	—	19.9	+0.1	—	24	—	—	—	50	—	0	15		7
UPPER EGYPT	GEBEL	1020.3	−1.2	+2.5	N	1	0	11.7	0.0	+0.3	22	0	8	+1	78	+8	0	17	—	—
	MINYA	1019.5	−1.9	—	N	1	2	11.0	−0.2	−0.8	22	−1	6	−2	71	−1				
	ASYUT	1020.0	−1.4	+2.0	WSW	3	2	11.7	+0.1	−0.2	21	−3	10	+2	66	+4	0	7	—	—
	QENA	1018.0	−1.8	—	NW	1	3	12.9	+0.7	−1.2	26	−1	10	0	63	+4	—		—	—
	KHARGA	1017.6	—	—	NNE	1	4	17.7	+2.2	—	25	—	8	—	43		0	1	—	—
	ASWAN	1017.1	−2.1	+0.2	—	0	2	16.8	+3.4	+1.3	27	−1	12	0	38	−5	—	—	—	—
NORTH SUDAN	WADI HALFA	1016.0	−1.9	−0.8	—	0	0	17.8	+5.6	+3.9	27	−1	11	+1	—	—			—	—
	MEROWE	1013.8	−1.4	−0.8	NE	2	0	19.6	+3.0	+1.1	35	+2	14	0	16	−10	0	0	1	—
	ATBARA	1013.1	−0.2	0.0	N	2	0	22.8	+2.3	+1.5	35	+2	17	+2	46	+25	0	0	1	—
	KHARTOUM	1012.8	+0.2	+0.6	NNE	3	0	22.4	+2.1	+2.2	34	+1	18	+1	21	−1	0	1	5	—
EAST SUDAN	PORT SUDAN	1014.7	−2.4	+0.8	NW	3	4	23.1	−1.1	−0.1	28	0	19	0	61	−3	0	29	105	3
	KASSALA	1009.4	−0.1	−1.1	—	0	0	24.0	−0.5	−0.3	37	0	17	−1	60	+7	0	0	11	
	MAC MEDAHO ROSEIRES	1008.8	+0.5	−1.5	—	0	0	26.0	−1.5	+2.1	40	+2	19	+1	24	−8	0	33	38	
KORDOFAN	EL FASHER	1013.3	+0.9	—	NW	1	1	19.0	−2.0	+1.7	37	+4	13	+1	16	−9	0	1	8	
	EL OBEID	1012.7	+1.3	−1.1	NE	2	0	21.5	−1.5	+1.1	36	+3	14	+2	30	+7	0	17	19	
	MALAKAL	1011.4	+1.5	+1.5	NE	1	1	28.5	+0.4	+2.1	40	+2	20	0	13	−8	0	103	93	
	WAU	1010.4	+2.5	+0.9	SW	1	1	27.0	−1.0	−0.1	40	+3	20	0	56	+13	0	101	154	
	[illegible]	—	—	—	NNW	—	3	24.0	−2.5	—	35	—	—	—	83	—	14	91	148	

Upper Air Observations at Helwan at h. m.

Height (metres)	Kms an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation الحالة العمومية

Forecast for 24 hours from noon to-day. تغيرات منتظر حصولها في الفترة من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	62	−2	13.1	+1.2
Ezbekiya	56	−4	11.1	−0.5
Giza	51	−9	11.2	—
Helwan	49	0	10.2	+0.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
27.2	674	931
26.2	672	947

GAUGE	Date 1931	Reading m	Diff. from normal m	Previous day: Reading m	Previous day: Diff. from normal m
Juba	27.2	13.32	+0.05	13.30	+0.02
Nasser	24.2	493	−0.25	494	−0.25
Malakal	26.2	9.85	−0.51	9.85	−0.52
Roseires	27.2	11.37	−0.20	11.38	−0.20
Sennar Res.	26.2	19.93	—	19.98	—
Makwar	26.2	4.50	−0.87	4.50	−0.88
Khartoum	27.2	9.99	−0.42	10.00	−0.42
Kh. el Girba					
Atbara	27.2	9.85	−0.35	9.83	−0.38
Wadi Halfa	27.2	1.16	−0.63	1.17	−0.63
Aswan Res.	24.2	113.10	—	113.13	—
" D.S.	27.2	85.18	−0.42	85.18	−0.43
El Leithi	24.2	16.93	−0.52	16.94	−0.52
Roda (Cairo)	24.2	15.70	+0.15	15.73	+0.18

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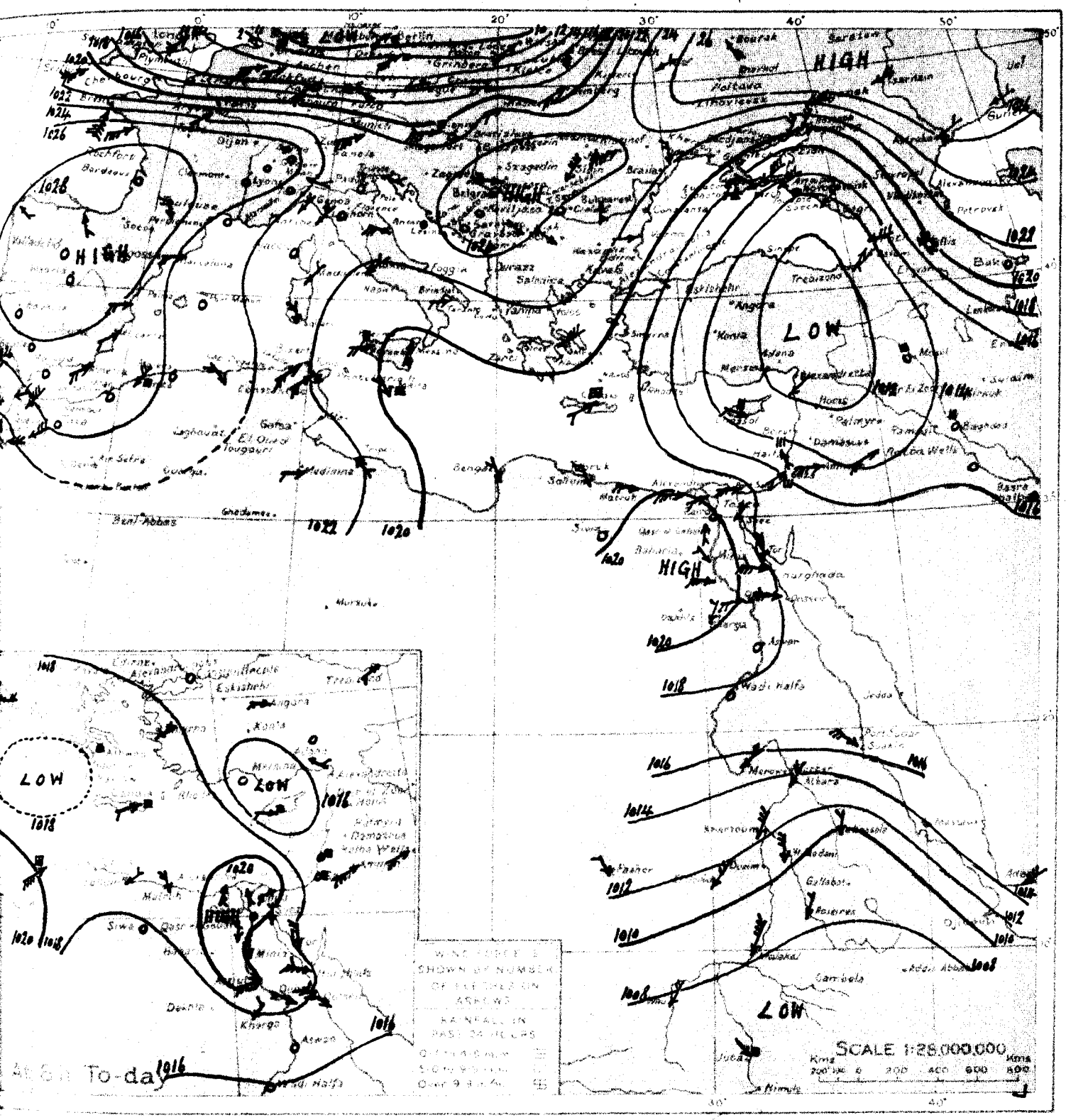
PHYSICAL DEPARTMENT.

REPORT.

٢٦-٢-٣١. Barometer and Wind at 8 h. Yesterday 26.2.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٢٦-٢-٣١. From Observations taken at 8 h. yesterday 26.2.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
	ROME	1021.2	+4.2	+6.4	NE	1	0	6	-1	—	14	—	5	—	50	—	—	—	460	—
	MALTA	1018.4	+4.8	+2.9	N	1	4	10	0	—	13	-3	8	-2	80	—	drops	352	356	2
	ATHENS	1020.6	+8.8	+4.0	NE	4	4	8	0	—	—	—	—	—	70	—	—	—	265	—
	CANDIA	1019.6	+7.4	+3.0	WSW	1	4	10	-1	—	18	+2	8	-1	—	—	15	418	372	3
	LIMASSOL	1012.6	+1.5	-2.5	WNW	1	2	13	0		18	0	8	+1	—	—	6	301	373	2
EGYPT and SUDAN	Atbara	1013.3	+0.7	+0.1	NE	2	0	20.5	-2.0	-0.7	35	+2	14	-1	52	+31	0	0	1	—
	Kassala	1009.5	+0.9	-1.1	N	1	0	24.5	+2.0	+0.3	38	+1	19	+1	57	+4	0	0	11	—
	Wad Medani	1011.6	-1.4	-0.1	N	3	0	25.5	+0.5	+3.1	40	+4	19	+2	12	-14	0	8	13	—
	Roseires	1008.3	+1.2	-2.0	NNE	1	0	27.5	+2.5	+3.6	41	+3	21	+3	19	-13	0	33	38	—
	EL Fasher	1012.4	+1.6	—	NW	1	0	21.0	+1.0	+3.9	38	+5	11	-1	14	-11	0	1	8	—
	El Obeid	1011.4	-0.9	-2.5	NE	2	0	23.0	+1.5	+2.8	35	+2	14	+2	18	-5	0	17	19	—
	Malakal	1009.9	+1.6	0.0	NNE	4	0	28.1	-0.5	+1.8	42	+4	23	+3	9	-12	0	103	93	—
	Wau	1007.9	-0.8	-1.6	NE	2	1	28.0	+2.0	+1.0	41	+4	19	-1	22	-21	0	101	153	—
	Juba	—	—	—	NW	—	3	26.5	-1.5	—	40	—	—	—	73	—	0	77	148	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 22 m

" " sunset 17 h 33 m

From Observations taken at 8h. to-day.

Saturday 28th February, 1931 — ١٩٣١ — السبت ٢٨ فبراير

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1017.1	-0.4	+1.8	NW	2	0	10.1	-2.0	-2.7	18	—	7	—	84	+10	0	51	80	3
	MATRUH	1018.3	-1.2	+1.1	ENE	1	1	12.6	+2.3	-0.1	19	0	10	+1	91	+16	trace	165	140	2
	ALEXANDRIA	1018.3	-2.4	+1.3	NE	2	2	14.8	+1.2	+0.3	22	+2	11	-1	67	-5	0	90	175	3
	PORT SAID	1017.2	-3.0	+1.8	SE	2	0	14.1	+0.7	-0.2	20	0	12	0	78	+4	0	54	63	1
	GAZA	—	—	—	—	0	0	12.1	+0.8	-1.6	19	-1	8	-1	85	+12	0	206	340	—
	HAIFA	1016.0	-1.2	+1.4	—	0	0	15.3	-1.1	+0.2	20	0	10	+1	71	+8	0	625	598	1
LOWER EGYPT	TANTA	1017.5	-2.8	—	NNW	1	0	10.0	-1.7	—	23	—	8	—	83	—	0	32	—	—
	CAIRO: EZBEKIYA	1016.2	-3.8	-1.0	WNW	1	0	12.8	+1.0	+1.2	24	+2	10	+1	66	-7	0	16	23	—
	CAIRO: GIZA	1015.9	-4.3	-2.1	NNW	2	1	11.9	+0.1	—	22	0	8	+1	76	—	0	21	21	—
	CAIRO: HELWAN	1015.2	-4.8	-2.2	N	1	2	13.4	-0.1	+1.7	22	0	13	+3	53	-12	0	19	24	—
	SIWA	1017.4	-0.4	-0.2	—	0	0	12.5	+2.8	+1.5	—	—	—	—	77	+12	0	35	4	—
RED SEA	SUEZ	1015.1	-4.0	-2.1	N	2	3	12.9	-0.6	-1.0	22	0	11	0	67	-6	0	27	17	2
	TOR	1014.2	-3.0	-1.9	N	1	3	15.3	-3.5	-0.3	22	-1	9	-2	88	+27	0	11	12	3
	HURGHADA	1016.0	-2.3	—	NNW	5	0	18.2	+0.7	—	22	—	8	—	48	—	0	0	—	3
	QOSSEIR	1014.3	-2.9	—	NW	5	0	21.9	+2.0	—	23	—	16	—	29	—	0	15	—	5
UPPER EGYPT	GEBALI	1017.2	-3.1	-0.5	NW	1	0	12.0	+0.3	+0.4	23	0	8	+1	65	-5	0	17	—	—
	MINIA	1015.4	-4.1	—	NNW	1	0	10.0	-1.0	-1.9	24	+1	6	-2	74	+2	—	—	—	—
	ASYUT	1015.9	-4.1	-2.0	W	2	0	12.0	+0.3	-0.0	24	0	8	0	59	-3	0	7	—	—
	QENA	1015.4	-2.6	—	NNW	2	0	14.0	+1.1	-0.1	27	-1	10	0	44	-14	—	—	—	—
	KHARGA	1014.8	—	—	—	0	0	16.0	-1.7	—	27	—	9	—	50	—	0	1	—	—
	ASWAN	1014.7	-2.4	-2.1	—	0	0	15.7	-1.1	0.0	29	+1	12	0	39	-4	—	—	—	—
NORTH SUDAN	WADI HALFA	1012.6	-3.4	-4.1	—	0	0	14.8	+2.0	+0.8	30	+1	10	0	35	-4	—	—	—	—
	MEROWE	1013.0	-0.8	-1.5	NE	2	0	20.6	+1.0	+1.9	36	+3	15	+1	17	-9	0	0	1	—
	ATBARA	1013.1	0.0	+0.1	E	2	0	24.0	+1.2	+2.6	34	+1	17	+2	42	+21	0	0	1	—
	KHARTOUM	1011.6	-1.2	-0.5	N	1	0	22.9	+0.5	+2.6	36	+3	18	+1	28	+6	0	1	5	—
EAST SUDAN	PORT SUDAN	1013.3	-1.4	-0.5	N	2	2	24.1	+1.0	+0.8	28	0	19	0	72	+8	0	29	105	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1008.6	-0.2	-1.6	NNE	1	0	27.5	+1.5	+3.5	41	+3	18	0	30	-1	0	33	38	
SOUTH SUDAN	EL FASHER																			
	EL OBEID	1010.7	-2.0	-3.0	NNE	2	0	23.7	+2.2	+3.1	37	+4	16	+3	26	+3	0	17	19	
	MALAKAL	1010.6	-0.8	+0.7	NE	2	0	27.5	-1.0	+0.9	40	+2	20	0	18	-3	0	103	93	
	WAU																			
	JUBA																			

TEMP. F C — PRESS Mm. Mb.

Upper Wind Observations at Helwan at h. m. 8 15

Height (metres)	Kms an hour	Direction
500	20	ENE
1000	20	N
1500	25	NNW
2000	15	NW
3000	45	W

General Situation

The west of Egypt is an area of high pressure. A shallow depression from the western desert passed south of Cairo during the night and is now east of Sinai.

الحالة العمومية

توجد منطقة ضغط مرتفع في غرب مصر وقد مر انخفاض قليل العمق من الصحراء الغربية على جنوب القاهرة اثناء الليل وهو يقع الآن شرقي سيناء

Forecast for 24 hours from noon to-day.

North to northeast winds, moderate on the coast, moderate to fresh inland.
Occasional medium cloud.
Slightly cooler.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح ما بين الشمالية والشمالية الشرقية معتدلة على الساحل وما بين المعتدلة والنشيطة نوعاً ما في الداخل وتقل السحب المتوسطة احياناً ويبرد الطقس قليلاً

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	74	+10	13.0	+1.1
Ezbekiya	57	-3	11.7	0.0
Giza	67	+7	11.9	—
Helwan	43	-6	10.8	+0.8

NOTE. A dash means that figures are not available

Terms of Subscription Byinland Post, PT 100 annually

" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
27.2	674	931
26.2	672	947

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	27-2	13.32	+0.05	13.30	+0.02
Nasser	24-2	4.93	-0.25	4.94	-0.25
Malakal	27-2	9.85	-0.50	9.85	-0.51
Roseires	28-2	11.36	-0.20	11.37	-0.20
Sennar Res.	26-2	19.93	—	19.98	—
Makwar	26-2	4.50	-0.87	4.50	-0.88
Khartoum	28-2	9.99	-0.41	9.99	-0.42
Kh. el Girba					
Atbara	27-2	9.85	-0.35	9.83	-0.38
Wadi Halfa	27-2	1.16	-0.63	1.17	-0.63
Aswan Res.	27-2	113.40	—	113.13	—
" D.S.	27-2	85.18	-0.42	85.18	-0.42
El Leithi	28-2	16.92	-0.52	16.93	-0.52
Roda (Cairo)	28-2	15.68	+0.13	15.70	+0.15

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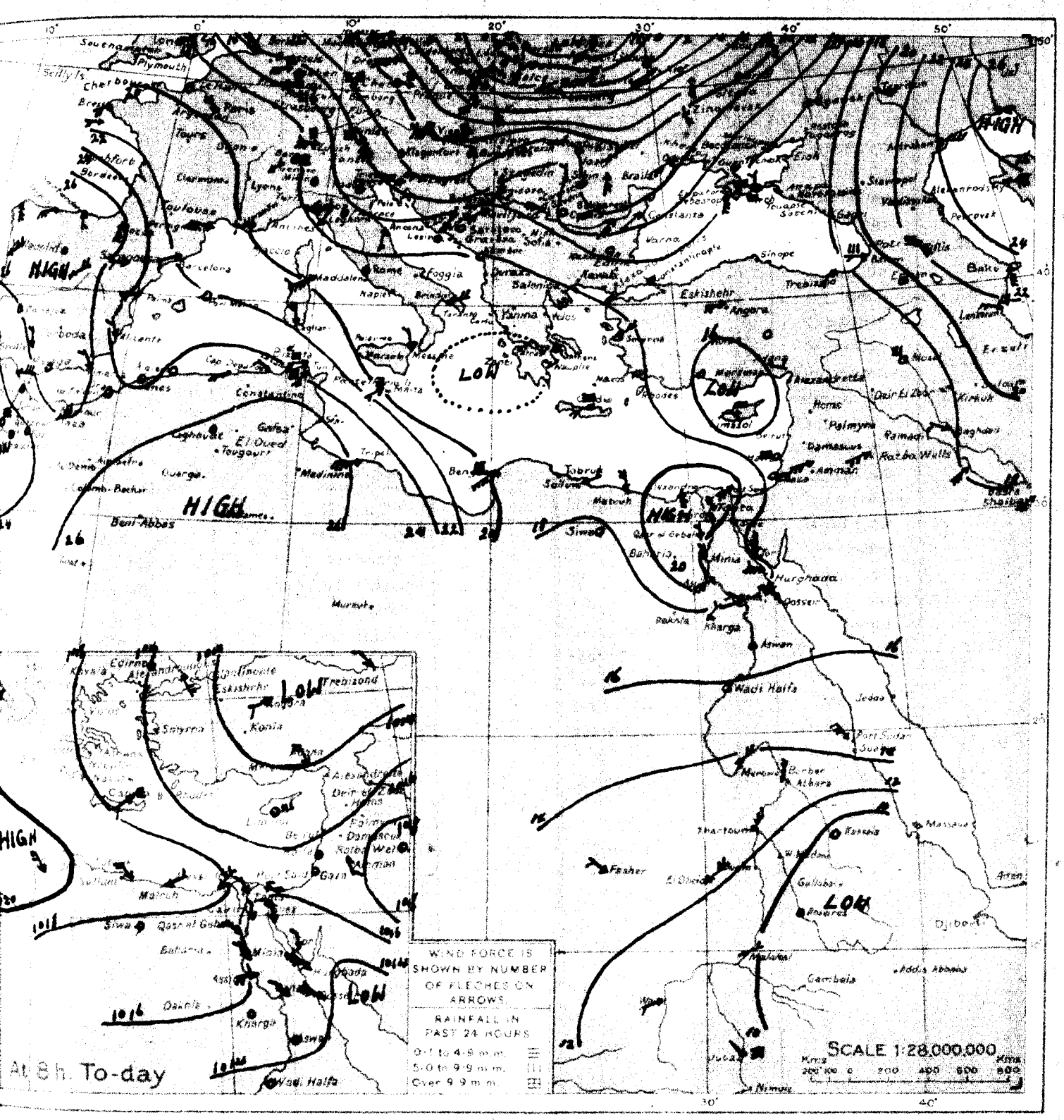
PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٢-٢٧ Barometer and Wind at 8 h. Yesterday 27 - 2 - 1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٢-٢٧ From Observations taken at 8 h. yesterday 27- 2 - 1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.8	-1.4	+5.0	—	0	3	8	+2	—	14	—	2	—	50	—	—	—	462	—
	MALTA	1019.5	+1.1	+4.1	WSW	1	4	9	-1	—	13	-3	8	-2	80	—	2	354	357	2
	ATHENS	1018.3	-2.3	+1.9	—	0	3	8	0	—	—	—	—	—	70	—	—	—	266	—
	CANDIA	1018.7	-0.9	+2.1	SW	1	3	10	0	—	13	-3	7	-2	—	—	1	419	375	2
	LIMASSOL	1015.9	+3.3	+0.8	WNW	1	1	13	0		17	-2	7	0	—	—	trace	301	376	2
EGYPT and SUDAN																				

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of FEBRUARY 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Malakal... ...	1	Wind force	2
Alexandria ...	2	State of sky	2
Tanta		Barometer	1014·0
El Obeid ...		8 h. temp.	—
,,		Humidity	—
,,		Minimum	—
Malakal... ...		8 h. temp.	26·0
,,		Humidity	26
Qosseir	3	Minimum	16
El Fasher ...		Humidity	—
Alexandria ...	4	State of sky	2
,,	5	,,	4
Qosseir		,,	0
Minya		Wind direction	NE
Kassala... ...		Wind direction	N
Tor	7	Rainfall	Drops
Qasr el Gebali.		State of sky	—
,,		Humidity	94
Qena		State of sky	4
Wadi Halfa ...		Maximum	—
Roseires ...		Wind direction	—
,,		Wind force	0
Haifa	8	Wind direction	SSW
Qosseir		Rainfall	Drops
Kharga		Maximum	20
Kassala... ...		Maximum	—
Hurghada ...	9	Wind force	5
,,		State of sky	1
Haifa	10	Rainfall	32
Hurghada ...		Barometer	1014·4

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Haifa	11	Wind direction	—
,,		Wind force	0
Atbara	12	Wind direction	N
Aswân	13	Barometer	1019·4
Qena	14	Wind direction	N
,,		Wind force	1
,,		State of sky	0
El Fasher ...		Wind direction	ESE
Wau	15	Maximum	39
Atbara	16	8 h. temp.	20·2
,,		Humidity	39
Wau		Minimum	22
Harghada ...	19	Wind direction	NW
Malakal... ...		Humidity	16
Hurghada ...	20	Wind direction	NW
Qena		Wind direction	WSW
Merowe... ...		Maximum	—
Hurghada ...	21	Wind direction	NW
Suez	22	Wind force	3
Tor		8 h. temp.	—
Tor		Humidity	—
Atbara		Wind direction	NE
El Fasher ...		Maximum	—
Tanta	23	Wind direction	SSE
Gaza		Wind force	1
Tor		Minimum	—
Qosseir		Wind direction	NW
Juba	25	Wind direction	NNW
Kharga	27	Barometer	1017·6

REMARKS:— Cancel Maximum readings at SOLLUM for the whole month.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR FEBRUARY, 1931.

The Weather.

The chief characteristics of the weather of February were the unusually small amount of rain along the Mediterranean Coast, the rainstorm of the 7th, when rain fell almost throughout Upper Egypt, and the low degree of humidity in Egypt.

At the beginning of the month, Egypt was an area of high pressure. Night temperatures were distinctly low owing to radiation, falling to within a degree of freezing point at desert stations. On the 2nd a fairly deep depression appeared near Crete. Moving in a northeasterly direction it reached Asia Minor two days later, and became less deep. Its influence on the weather of Egypt was small, and there was very little rainfall.

On the 6th there was a depression between Malta and Benghasi, with a secondary in the desert south of Siwa Oasis. By the following morning the main depression was centred over Crete, while the secondary was crossing Upper Egypt from the west. Skies became overcast with heavy clouds, and the wind strengthened during the day, reaching gale force in many places and being accompanied by sharp showers throughout most of the day. The rainfall was generally heavy over Middle and Upper Egypt and in Sinai. At Qasr el Gebali, in the Fayûm, 9 millimetres were recorded. In Cairo there were 6 millimetres, while at Minia 4 millimetres fell, and at Assiut 7 millimetres. Such rainfall in Upper Egypt is quite exceptional. At Aswan there was no rain but the occurrence of a duststorm was evidence of the disturbed conditions prevailing in the south. At Sakha in the middle of the Delta the rainfall amounted to 10 millimetres.

The main depression at the same time was traversing the eastern Mediterranean and giving rise to winds of gale force. At Alexandria the wind attained a velocity of 66 kilometres an hour from the west-southwest. Conditions became settled by the 9th when the depression became shallower, but this improvement did not last long as on the 11th a depression situated near Cyprus deepened sharply, and strong northwest and west winds blew across Egypt. At Alexandria on the 12th a velocity of 70 kilometres an hour was registered. The weather became much cooler, with showers on the coast and in the Delta. There was heavy rainfall at Rosetta, where 11 millimetres were recorded. The weather became settled on the 14th and continued mild and fine until the end of the third week. The temperature at Alexandria reached 27° C. *i.e.*, 7° C. above normal, on the 16 th. Unusually hot weather for the time of year prevailed in the Sudan during this period, the temperature reaching 39° C. at El Fasher and 34° C. at Wadi Halfa, both being 7° C. above normal.

On the 22nd an extensive and deep depression was situated over southern Italy and there was a shallow depression off Alexandria. The latter moveds towards the Syrian Coast causing a considerable fall in temperature with widespread but moderate dust storms and light showers throughout Egypt. The main depression, which kept well to the north, passed to Asia Minor with little effect on the weather of Egypt. At the end of the month, Egypt was an area of high pressure, with fine and mild weather.

For the month as a whole the mean atmospheric pressure was everywhere considerably below normal, especially over the central Sudan. The temperature for the month along the Mediterranean Coast was slightly below normal, for the first time during the last twelve months. Elsewhere in Egypt temperatures were normal or slightly above. In the Sudan, especially in the south, temperatures were exceptionally high, averaging 3° C. above normal in the extreme south, where it was the hottest February at least since records became availmal able twenty-two years ago.

The rainfall along the Mediterranean Coast was very small, being only one third of the normal amount. In Lower Egypt it was average, but it was much in excess of the normal in Upper Egypt.

The relative humidity was 7 per cent below normal in Cairo and 5 per cent below in Alexandria.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR FEBRUARY 1931.

DISTRICTS.	Barometric Pressure.		Temperature.						Rainfall.	
			Maximum.		Minimum.		Max.+Min./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1015·7	—1·3	20·0	+0·4	10·4	—0·7	15·2	—0·2	8	—16
II. Middle Egypt	1016·3	—2·1	21·1	+0·5	7·7	+0·1	14·4	+0·3	8	0
III. Upper Egypt	1016·3	—2·0	24·6	—0·4	9·2	+0·4	16·9	0·0	8	+ 6
IV. North Sudan	1011·7	—1·9	34·5	+2·1	16·4	+1·6	25·4	+1·8	0	0
V. Red Sea*	(1013·2	—1·5	27·5	+0·4	19·3	+0·3	23·4	+0·4)	(0)	— 4
VI. Central Sudan	1009·6	—3·2	37·6	+2·8	17·5	+2·6	27·6	+2·7	0	0
VII. South Sudan	1008·6	—1·6	39·8	+3·2	21·4	+2·7	30·6	+3·0	0	— 4

* Port Sudan only.
NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

L. J. SUTTON,
Director, Meteorological Service.

State of the River.

Lake Albert at Butiaba remained almost steady during the month. Its level on March 1st, 1931 was 43 centimetres above normal and 64 centimetres above that of the corresponding day of last year.

The Bahr el Jebel at Juba was practically steady throughout the month. The levels were above last year's.

River Sobat at Nasser fell rather slower than normally. The levels were below normal and much lower than last year's.

The White Nile at Malakal fell slower than normally. The levels were much below both the normal and last year's.

The Blue Nile at Roseires fell at normal rate throughout the month. The levels were a few centimetres below normal and much below last year's. At Khartoum the Blue Nile fell slower than normally. The levels were below both the normal and last year's.

The main Nile at Wadi Halfa fell at normal rate. The levels were much below both the normal and last year's.

The differences of the mean levels in February 1931 from those of February 1930 and from the normal 1906–1930 were :—

STATION.	Mean Differences of Levels.	
	Feb. 1931 Minus Feb. 1930.	Feb. 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·23	0·00
Nasser	— 0·80	— 0·37*
Malakâl	— 0·60	— 0·61
Roseires	— 0·56	— 0·17
Khartoum	— 0·72	— 0·52
Wadi Halfa	— 0·79	— 0·70

* Nasser Normal is for 1922–30 only.

Discharges of the Nile during January, 1931.

Observed by the Irrigation Department.

Aswân

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	85·61	811
2	85·61	804
3	85·60	806
4	85·59	807
5	85·59	805
6	85·56	804
7	85·56	805
8	85·56	811
9	85·56	814
10	85·77	930
11	85·77	928
12	85·76	927
13	85·85	985
14	85·86	986
15	85·86	985
16	85·83	964
17	85·79	948
18	85·76	928
19	85·73	923
20	85·71	893
21	85·69	877
22	85·66	854
23	85·63	847
24	85·60	832
25	85·58	825
26	85·72	929
27	85·72	933
28	85·74	926
29	85·74	927
30	85·75	927
31	85·75	925
Approx. Monthly Mean		886
Normal Mean 1912-1930		1120

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	2·17	1200
4	2·16	1200
5	2·15	1170
6	2·12	1210
7	2·10	1170
8	2·08	1170
9	2·05	1140
10	2·03	1110
11	2·01	1090
12	1·97	1080
13	1·93	1050
14	1·90	1010
15	1·88	996
17	1·85	996
18	1·84	963
19	1·81	958
20	1·78	936
22	1·75	923
23	1·74	908
24	1·73	940
25	1·72	915
26	1·69	893
27	1·65	863
28	1·61	834
29	1·58	810
31	1·53	798
Approx. Monthly Mean		1020
Normal Mean 1912-1930		1400

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	11·00	936
11	10·96	929
17	10·84	841
22	10·74	751
27	10·72	736
31	10·66	682
Approx. Monthly Mean		850
Normal Mean 1912-1930		1260

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	10·63	941
8	10·58	921
13	10·47	807
19	10·34	697
25	10·32	709
29	10·23	681
Approx. Monthly Mean		793
Normal Mean 1912-1930		1250

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	10·67	211
11	10·57	2 0
17	10·44	151
22	10·33	146
27	10·28	124
31	10·19	128
Approx. Monthly Mean		171
Normal Mean 1912-1930		331

Hillet Sherif (Blue Nile).

(Sennar Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	10·22	214
5	10·22	217
7	10·18	189
10	10·14	178
12	10·09	169
14	10·06	166
19	10·04	162
21	10·00	149
24	9·98	147
26	9·89	120
28	9·85	106
31	9·84	111
Approx. Monthly Mean		163
Normal Mean 1912-1930		312

Gezîra Main Canal

(Kilo. 1·3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
15	15·82	56
15	15·81	58
31	15·79	57
31	15·79	56
Approx. Monthly Mean		57
Normal Mean 1926-1930		36

Roseires (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	12·22	290
3	12·17	279
5	12·14	273
7	12·11	264
9	12·08	256
11	12·05	248
13	12·03	240
15	12·03	240
17	12·02	237
19	11·97	231
21	11·91	218
23	11·86	207
25	11·82	196
27	11·80	191
29	11·78	187
31	11·74	179
Approx. Monthly Mean		233
Normal Mean 1912-1930		288

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·03	715
7	10·94	700
12	10·82	651
18	10·70	611
21	10·63	581
28	10·52	547
Approx. Monthly Mean		629
Normal Mean 1912-1930		906

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	10·45	602
10	10·33	597
15	10·24	576
21	10·18	568
26	10·14	555
31	10·07	529
Approx. Monthly Mean		580
Normal Mean 1912-1930		811

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	11·58	172
9	11·44	108
14	11·35	114
19	11·28	104
24	11·25	109
29	11·17	85
Approx. Monthly Mean		118
Normal Mean 1912-1930		326

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	6·04	157
2	6·00	149
3	5·93	140
5	5·83	127
6	5·80	133
7	5·80	128
8	5·80	123
9	5·78	116
10	5·75	117
12	5·69	116

River Sobât (*contd.*).

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
13	5·68	113
14	5·65	107
15	5·64	106
16	5·64	109
17	5·65	109
19	5·60	103
20	5·55	97
21	5·46	92
22	5·45	89
23	5·43	89
24	5·39	86

River Baro

(600 mts. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	5·64	97
2	5·57	97
3	5·53	95
5	5·45	90
6	5·44	88
7	5·41	89
8	5·39	86
9	5·37	84
10	5·34	85
12	5·30	80
13	5·28	77
14	5·26	80
15	5·24	79
16	5·26	83
17	5·27	80
19	5·22	75
20	5·16	74
21	5·12	67
22	5·08	67
23	5·07	63
24	5·04	60

Gambeila (River Baro).

	Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Dec.	2	10·00	142
	5	9·99	137
	9	10·16	147
	12	10·08	138
	16	10·08	145
	19	9·98	126
	23	9·82	97
	27	9·76	98
	30	9·68	90
Approx. Monthly Mean			124
Jan.	3	9·63	79
	6	9·61	75
	9	9·58	75
	13	9·60	80
	16	9·55	74
	20	9·46	67
	23	9·44	59

Discharges of the Nile during January, 1931 (*continued*).

Observed by the Irrigation Department.

River Pibor
(600 mts. U.S. Baro Junction).
(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	5·64	58
2	5·57	52
3	5·53	51
5	5·45	45
6	5·44	46
7	5·41	46
8	5·39	44
9	5·37	44
10	5·34	42
12	5·30	39
13	5·28	39
14	5·26	36
15	5·24	36
16	5·26	37
17	5·27	39
19	5·22	38
20	5·16	32
21	5·12	28
22	5·08	30
23	5·07	31
24	5·04	29

Akobo (River Pibor).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	11·10	2
13	10·80	2

Bahr el Zerâf (Kilo. 3).
(Gauge at mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·61	120
8	11·55	122
13	11·47	119
18	11·44	114
23	11·42	112
28	11·38	113
Approx. Monthly Mean		117
Normal Mean 1912-1930		148

(D.S. Tail Cut No. 2).
(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	26·38	128
7	26·38	135
11	26·38	137
14	26·38	136
18	26·38	132
21	26·38	133
25	26·38	130
28	26·38	130
Approx. Monthly Mean		132
Normal Mean 1927-1930		143

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	27·98	18
6	27·98	16
10	27·98	18
13	27·98	14
17	27·98	14
20	27·98	19
24	27·98	12
27	27·98	13
31	27·98	15
Approx. Monthly Mean		16
Normal Mean 1927-1930		40

Abu Tong (White Nile).
(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·92	338
8	11·87	312
13	11·82	330
18	11·78	329
23	11·76	307
28	11·74	326
Approx. Monthly Mean		329
Normal Mean 1923-1930		311

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·61	331
17	13·58	332
27	13·54	320
Approx. Monthly Mean		328
Normal Mean 1923-1930		292

Bahr el Ghazal (at mouth)
(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·61	13
17	13·58	14
27	13·54	13
Approx. Monthly Mean		14
Normal Mean 1923-1930		16

Bahr el Jebel (Kilo. 3).
(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·61	321
17	13·58	320
27	13·54	318
Approx. Monthly Mean		320
Normal Mean 1923-1930		281

(Kilo. 281).
(D.S. Tail Peake's Channel)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	26·48	371
8	26·48	365
12	26·48	367
15	26·48	362
19	26·48	368
22	26·48	369
26	26·48	373
29	26·48	365
Approx Monthly Mean		367
Normal Mean 1927-1930		361

(D.S. Head of Zerâf Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	26·48	234
8	26·48	233
12	26·48	233
15	26·48	231
19	26·48	233
22	26·48	231
26	26·48	234
29	26·48	232
Approx. Monthly Mean		233
Normal Mean 1927-1930		226

Jebel-Zerâf Cuts.
(Tail Cut No. 2).
(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	26·38	24
7	26·38	25
11	26·38	25
14	26·38	24
18	26·38	25
21	26·38	25
25	26·38	25
28	26·38	25
Approx. Monthly Mean		25
Normal Mean 1927-1930		27

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	27·98	89
6	27·98	85
10	27·98	90
13	27·98	85
17	27·98	89
20	27·98	88
24	27·98	88
27	27·98	88
31	27·98	89
Approx. Monthly Mean		88
Normal Mean 1927-1930		74

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	26·48	27
7	26·48	28
11	26·48	27
14	26·48	26
18	26·48	27
21	26·48	26
25	26·48	27
28	26·48	27
Approx. Monthly Mean		27
Normal Mean 1927-1930		28

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·74	91
6	11·74	90
10	11·74	93
13	11·74	91
17	11·74	90
20	11·74	90
24	11·74	90
27	11·74	89
31	11·74	94
Approx. Monthly Mean		91
Normal Mean 1927-1930		78

Bahr el Jebel.
(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·74	368
6	11·74	367
10	11·74	359
13	11·74	348
17	11·74	346
20	11·74	352
24	11·74	346
27	11·74	345
31	11·74	350
Approx. Monthly Mean		354
Normal Mean 1927-1930		349

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·51	728
2	11·52	765
5	11·51	728
6	11·50	745
7	11·50	756
11	11·51	734
12	11·50	734
14	11·50	733
15	11·50	734
16	11·49	728
17	11·49	724
19	11·49	732
20	11·48	720
21	11·48	733
22	11·47	717
23	11·47	724
24	11·47	719
26	11·47	719
27	11·47	729
28	11·47	701
29	11·47	711
31	11·46	718
Approx. Monthly Mean		731
Normal Mean 1912-1930		736

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³/p.s.
			M.		
		River Sobât and Tributaries.			
4/1/31	Khor Filus.	At Mouth	11·58	Hillet Doleib	1
14/1/31	" "	" "	11·35		1
24/1/31	" "	" "	11·25		1
4/12/30	Nyanding.	" "	7·59	Nasser	6
28/11/30	Pibor.	D.S. Gila Junction	7·24	Pibor Mouth	118
28/11/30	Gila.	Mouth	7·24		74
28/11/30	Pibor.	U.S. Gila Junction	7·24		38
29/11/30	"	D.S. Geni "	13·54	Akobo	23
29/11/30	Geni.	Mouth	13·54	"	1
29/11/30	Pibor.	D.S. Akobo Junction	13·54	"	22
29/11/30	Akobo.	At Mouth...	13·54	"	13
30/11/30	Pibor.	D.S. Agwei Junction	13·50	"	9
30/11/30	Agwei.	Mouth	13.50	"	1
30/11/30	Pibor.	U.S. Agwei Junction	13·50	"	6
14/11/30	Baro.	U.S. Baro-Adura Junction	8.38	Pibor Mouth	275
26/11/30	"	" " "	7·40		179
14/11/30	Adura.	" " "	8·38	"	15
26/11/30	"	" " "	7·40	"	4
15/11/30	Mechar.	At Mouth...	8·30	"	21
25/11/30	"	" " "	7·48	"	5
16/11/30	Jokau.	At Junction with Baro	8·23	"	11
25/11/30	"	" " "	7·48	"	8
16/11/30	Baro.	U.S. Baro-Adura bifurcation	8·23	"	251
25/11/30	"	" " "	7·48	"	167
		Bahr el Ghazal and Tributaries.			
5/1/31	Jur.	Wau	10·42	Wau	30
6/1/31	"	"	10·41	"	29
7/1/31	"	"	10·39	"	31
10/1/31	"	"	10·37	"	31
11/1/31	"	"	10.35	"	29
12/1/31	"	"	10·34	"	26
		Bahr el Jebel and Tributaries.			
15/1/31	Jebel.	Gemeiza, Eastern Channel	428·47	Gemeiza	536
19/1/31	"	Giggin, Western Channel	28·62	Giggin	152
16/1/31	"	1 Km. U.S. Terrikaka...	12·99	Terrikaka	727

P. Phillips,
Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 20 m

" " sunset 17 h 54 m

From Observations taken at 8 h. to-day.

Sunday 1st March, 1931 ١٩٣١ الأحد أول مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1020.8	+1.7	+3.5	WNW	3	0	10.8	+0.7	-2.1	17	—	7	—	81	+7	0	51	81	4
	MATRUH	1021.1	+2.8	+3.9	NW	2	3	10.7	-1.9	-2.1	17	-2	9	0	83	+8	0	165	141	2
	ALEXANDRIA	1020.8	+2.5	+4.0	NW	2	3	16.1	+1.3	+1.9	19	-1	13	+1	59	-13	1	91	174	3
	PORT SAID	1019.9	+2.7	+4.6	WSW	2	1	14.1	0.0	-0.4	20	0	12	0	80	+7	0	54	63	3
	GAZA																			—
	HAIFA	1016.3	+0.3	+1.9	—	0	2	14.7	-0.6	-0.6	19	-2	11	+2	66	+3	7	632	601	3
LOWER EGYPT	TANTA	1020.6	+3.1	—	E	1	0	12.5	+2.5	—	23	—	8	—	63	—	0	32	—	—
	CAIRO EZBEKIYA	1020.8	+4.6	+3.8	—	0	0	12.0	-0.8	+0.2	23	0	9	0	78	+5	0	16	23	—
	CAIRO GIZA	1021.0	+5.1	+3.2	—	0	0	12.4	+0.5	—	21	-1	8	+1	83	—	0	21	21	—
	CAIRO HELWAN	1021.1	+5.9	+3.8	—	0	0	12.0	-1.4	+0.1	22	0	9	-1	75	+10	0	19	24	—
	SIWA	1020.3	+2.9	+2.8	—	0	0	9.2	-3.3	-2.1	—	—	5	-2	71	+6	0	35	4	—
RED SEA	SUEZ	1019.8	+4.7	+2.8	N	2	0	13.5	+0.6	-0.6	21	-1	11	0	74	+1	0	27	17	1
	TOR	1017.2	+3.0	+1.2	N	2	0	18.8	+3.5	+3.1	23	0	13	+2	78	+17	0	11.	12	2
	HURGHADA	1017.2	+1.2	—	NW	5	0	17.2	-1.0	—	23	—	13	—	54	—	0	0	—	3
	QOSSEIR	1017.0	+2.7	—	N	6	0	20.5	-1.4	—	24	—	17	—	45	—	0	15	—	6
UPPER EGYPT	GEBALI	1020.8	+3.6	+3.2	NW	1	0	11.8	-0.2	-0.4	23	0	9	+2	78	+9	0	17	—	—
	MINYA	1019.8	+4.4	—	N	2	0	12.0	+2.0	-0.3	24	+1	8	0	76	+4	—	—	—	—
	ASYUT	1020.6	+4.7	+2.8	WNW	3	0	13.1	+1.1	+0.8	27	+2	10	+2	69	+7	0	7	—	—
	QENA	1018.3	+2.9	—	WNW	2	0	12.9	-1.1	-1.6	30	+2	11	+1	58	0	—	—	—	—
	KHARGA	1019.4	+4.6	—	ENE	1	0	16.0	0.0	—	31	—	2	—	59	+	0	1	—	—
	ASWAN	1016.7	+2.0	-0.1	N	2	0	17.4	+1.7	+1.4	30	+2	13	+1	25	-17	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.8	+3.2	-0.6	—	0	0	15.0	+0.2	+0.7	32	+3	13	+3	30	-8	—	—	—	—
	MEROWE	1015.0	+2.0	+0.7	NE	2	0	21.1	+0.5	+1.9	37	+4	16	+2	15	-11	0	0	1	—
	ATBARA																			—
	KHARTOUM	1011.9	+0.3	+0.1	NNE	2	0	23.0	+0.1	+2.3	36	+3	19	+2	13	-8	0	1	5	—
EAST SUDAN	PORT SUDAN	1014.4	+1.1	+0.6	N	1	0	24.2	+0.1	+0.8	29	+1	20	+1	74	+10	0	29	105	1
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1009.6	+1.0	-0.4	N	1	0	26.0	-1.5	+1.6	41	+3	19	+1	30	-1	0	33	38	—
SOUTH SUDAN	EL FASHER			—																—
	EL OBEID																			—
	MALAKAL	1009.5	-1.1	-0.3	NNE	4	0	27.8	+0.3	+0.9	41	+3	21	+1	17	-5	0	103	93	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C. — 120 110 40 100 90 30 80 20 70 60 10 50 40 30 27 0 -3

PRESS. Mm. Mb. — 775 1030 770 1025 765 1020 760 1015 755 1010 750 1005 745 1000 740 995

Upper Wind Observations at Helwan at h. m. 8 45

Height (metres)	Km. an hour	Direction
500	10	NNW
1000	20	N
1500	10	NNW
2000	15	WNW
3000	20	WNW

General Situation

Egypt is now an area of high pressure with a shallow low pressure near Cyprus. Over the central Mediterranean pressure is rapidly falling owing to a deep and very extensive depression which covers central Europe.

الحالة العمومية

مصر الآن منطقة ارتفاع وهناك انخفاض قريب القطر بالقرب من قبرص والضغط آخذ في الهبوط بسرعة فوق اواسط البحر الأبيض المتوسط وذلك لوجود انخفاض عميق ومتسع جداً فوق اواسط اوروبا

Forecast for 24 hours from noon to-day.

Moderate winds between west and north. At times much medium cloud. Remaining cool.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة بين غربية وشمالية. يكثر السحاب المتوسط الارتفاع أحياناً. يستمر الطقس بارد للبرودة.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	63	-1	12.5	+0.5
Ezbekiya	59	-1	11.9	+0.1
Giza	61	+1	11.7	—
Helwan	50	+1	10.9	+0.9

NOTE A dash means that figures are not available

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Remarks

Wadi Halfa River Gauge Reading for 20.2.31 is 1.25 m.

قراءة النيلومتر بمقياس وادي حلفا يوم ٢٠-٢-٣١ هي ١٫٢٥ متر

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
1.3	685	901
28.2	674	914

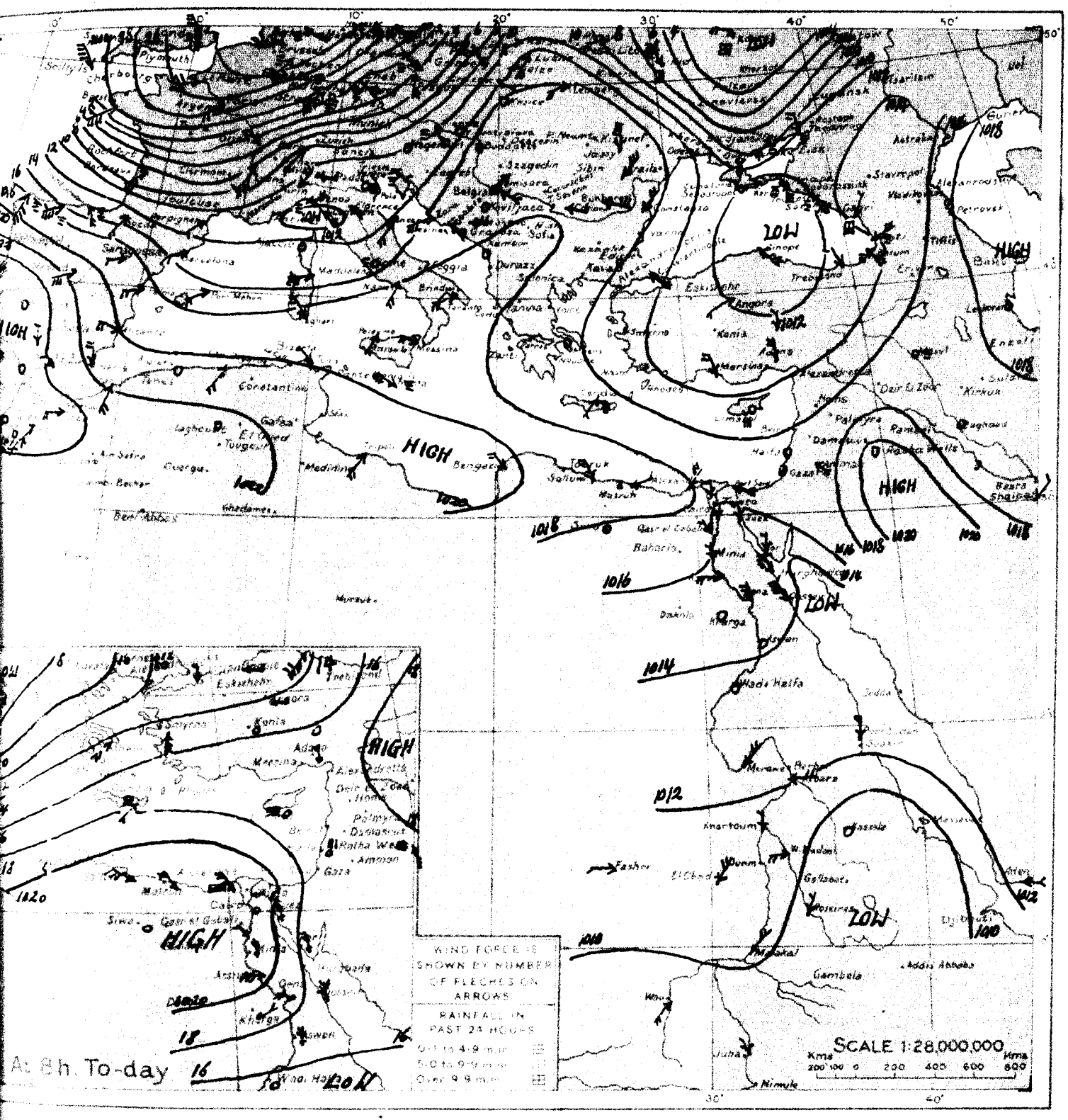
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	28.2	13.30	+0.03	13.32	+0.05
Nasser	27.2	4.92	-0.24	4.93	-0.23
Malakal	28.2	9.85	-0.50	9.85	-0.50
Roseires	1.3	11.35	-0.19	11.36	-0.20
Sennar Res.	28.2	19.86	—	19.90	—
Makwar	28.2	4.49	-0.86	4.50	-0.86
Khartoum	28.2	9.99	-0.41	9.99	-0.42
Kh. el Girba					
Atbara	28.2	9.85	-0.34	9.85	-0.35
Wadi Halfa	28.2	1.13	-0.65	1.16	-0.63
Aswan Res.	1.3	113.05	—	113.08	—
" D.S.	1.3	85.20	-0.37	85.18	-0.41
El Leithi	1.3	16.91	-0.51	16.92	-0.52
Roda (Cairo)	1.3	15.66	+0.11	15.68	+0.13

PRINTED AT THE SURVEY OF EGYPT 1929(29/580/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٢-٢٨ Barometer and Wind at 8 h. Yesterday 28.2.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٢-٢٨ From Observations taken at 8 h. yesterday. 28.2.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.8	-4.0	+1.1	—	0	4	11	+3	—	13	—	7	—	80	—	dr.	—	465	—
	MALTA	1019.7	+0.2	+4.3	WNW	4	4	12	+3	—	14	-2	10	0	80	—	3	357	359	2
	ATHENS	1016.0	-2.3	-0.3	—	0	0	9	+1	—	—	—	—	—	70	—	—	—	268	—
	CANDIA	1016.8	-1.9	+0.2	SW	1	3	11	+1	—	16	0	8	-2	—	—	2	421	377	3
	LIMASSOL	1015.0	-0.9	0.0	—	0	1	11	-2		17	-2	7	0	—	—	9	310	378	3
EGYPT and SUDAN	Kassala كسلا	1009.4	0.0	-1.0	—	0	0	23.5	-0.5	-0.9	37	0	17	-1	67	+15	0	0	11	—
	Wad Medani ودمدني	1012.0	—	+0.5	W	2	0	24.5	—	+1.9	38	+2	18	+1	24	-1	0	8	13	—
	El Fasher الفاشر	1010.6	-2.7	—	WNW	1	0	19.5	+0.5	+2.1	38	+5	11	-1	21	-4	0	1	8	—
	Wau واو	1009.1	-1.3	-0.4	SW	2	0	27.0	0.0	-0.1	40	+3	20	0	46	+3	0	101	154	—
	Juba جوبا	—	—	—	NW	—	1	26.0	+2.0	—	36	—	—	—	66	—	0	91	148	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 6h 20m

" " sunset 17h 55m

From Observations taken at 8h. to-day.

Monday 2nd March, 1931 — ١٩٣١ الاثنين ٢ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.8	-7.0	-3.5	WSW	4	6	13.1	+2.3	+0.1	[illegible]	—	9	—	58	-16	0	51	81	5
	MATRUH	1015.6	-5.5	-1.5	SW	4	0	11.7	+1.0	-1.2	16	-3	9	0	64	-11	0	165	141	2
	ALEXANDRIA	1017.1	-3.7	+0.3	S	3	0	12.5	-3.6	-1.8	20	0	10	-2	65	-7	0	91	174	4
	PORT SAID	1017.9	-2.0	+2.6	S	3	0	12.8	-1.3	-1.8	21	+1	11	-1	94	+21	0	54	63	2
	GAZA	—	—	—	—	0	0	13.4	-0.3	-0.6	18	-2	8	-1	80	+8	0	207	344	—
	HAIFA	1015.9	-0.4	+1.6	—	0	3	13.7	-1.0	-1.7	21	0	10	+1	66	+3	2	634	602	3
LOWER EGYPT	TANTA	1017.5	-3.1	—	SSE	1	0	16.7	+4.2	—	21	—	7	—	40	—	0	32	—	—
	CAIRO EZBEKIYA	1017.6	-3.2	+0.7	SSE	1	0	12.5	+0.5	+0.6	21	-2	9	0	72	-1	0	16	23	—
	CAIRO GIZA	1018.2	-2.8	+0.5	SE	1	0	13.0	+0.6	—	21	-1	6	-1	76	—	0	21	21	—
	CAIRO HELWAN	1018.3	-2.8	+1.1	E	2	0	12.6	+0.6	+0.6	20	-2	9	-1	66	+1	0	19	24	—
	SIWA	1016.3	-4.0	-1.1	—	0	0	8.5	-0.7	-2.8	—	—	4	-3	73	+8	0	35	4	—
RED SEA	SUEZ	1016.7	-3.1	-0.2	N	1	0	13.5	0.0	-0.6	21	-1	10	-1	72	-1	0	27	17	0
	TOR	1016.0	-1.2	+0.1	N	2	0	16.0	-2.8	+0.1	22	-1	8	-3	79	+18	0	11	12	2
	HURGHADA	1015.8	-1.4	—	WNW	5	0	16.0	-1.2	—	23	—	10	—	43	—	0	0	—	3
	QOSSEIR			—						—		—		—		—				
UPPER EGYPT	GEBAL	1013.8	-2.0	+1.2	NW	1	0	11.0	-0.8	-1.4	22	-1	8	0	75	+6	0	17	—	—
	MINYA	1019.1	-0.7	—	NNW	2	0	9.5	-2.5	-2.9	20	-3	5	-3	78	+6	—	—	—	—
	ASYUT	1019.2	-1.4	+1.5	W	2	0	12.0	-1.1	-0.5	22	-3	8	-1	52	-10	0	7	—	—
	QENA	1018.3	0.0	—	W	2	0	12.8	-0.1	-1.9	28	-1	8	-2	60	+3	—	—	—	—
	KHARGA	1019.4	0.0	—	—	0	0	13.0	-3.0	—	25	—	6	—	53	—	0	1	—	—
	ASWAN	1018.0	+1.3	+1.3	NE	1	0	14.5	-2.9	-1.7	27	-1	11	-1	36	-6	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.5	+1.7	+1.1	NNE	2	0	13.6	-1.4	-0.9	29	0	10	-1	40	+2	—	—	—	—
	MEROWE	1015.1	+0.1	+0.9	NE	2	0	18.6	-2.5	-0.8	35	+2	13	-2	17	-9	0	0	1	—
	ATBARA																			—
	KHARTOUM	1013.5	+1.6	+1.7	NNE	2	0	20.5	-2.5	-0.3	36	+3	17	0	16	-3	0	1	5	—
EAST SUDAN	PORT SUDAN	1013.3	-1.1	-0.4	N	2	0	23.6	-0.6	+0.1	28	0	18	-1	58	-7	0	29	105	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.5	-0.1	-0.5	NNE	1	0	27.0	+1.0	+2.4	41	+3	20	+2	37	+7	0	33	38	—
SOUTH SUDAN	EL FASHER																			
	EL OBEID	1013.0	+1.6	-0.2	NE	2	0	21.5	-2.3	+0.5	37	+3	14	0	18	-5	0	17	19	—
	MALAKAL	1010.3	+0.8	+0.5	NNE	3	0	28.3	+0.5	+1.3	41	+3	21	+1	6	-16	0	103	93	—
	NAU																			
	JUBA			—						—		—		—		—				—

TEMP. F C — PRESS. Mm. Mb

Upper Wind Observations at Helwan at h. m. 8 45

Height (metres)	Kms an hour	Direction
500	0	—
1000	20	NW
1500	30	WNW
2000	20	WNW
3000		

General Situation

The depression is travelling quickly towards the east and is now centred over Bulgaria, and a sharp gradient of pressure has resulted across the eastern Mediterranean. There are also indications of a secondary depression between Crete and Sollum.

الحالة العمومية

يسير الانخفاض بسرعة نحو الشرق وقد وصل الآن لبلغاريا ودار تدرج الضغط حادا على شرقي البحر الأبيض المتوسط وتوجد علامات عن وجود انخفاض ثانوي ما بين جزيرة كريت والسلوم

Forecast for 24 hours from noon to-day.

Moderate to fresh winds, westerly on the coast, southerly and southwesterly inland.
Clear or occasional medium cloud.
Mild; becoming changeable.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين المعتدلة والشديدة غربية على الساحل وجنوبية غربية في الداخل - السماء صحو أو يظهر بها سحب متوسطة أحيانا والطقس معتدل إلا أنه قابل للتغير

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	62	-3	12.5	+0.4
Ezbekiya	65	+6	11.8	-0.1
Giza	70	+12	11.8	—
Helwan	55	+7	10.6	+0.6

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices, m 3 per sec

DATE	1931	1930
1-3	685	901
28-2	674	914

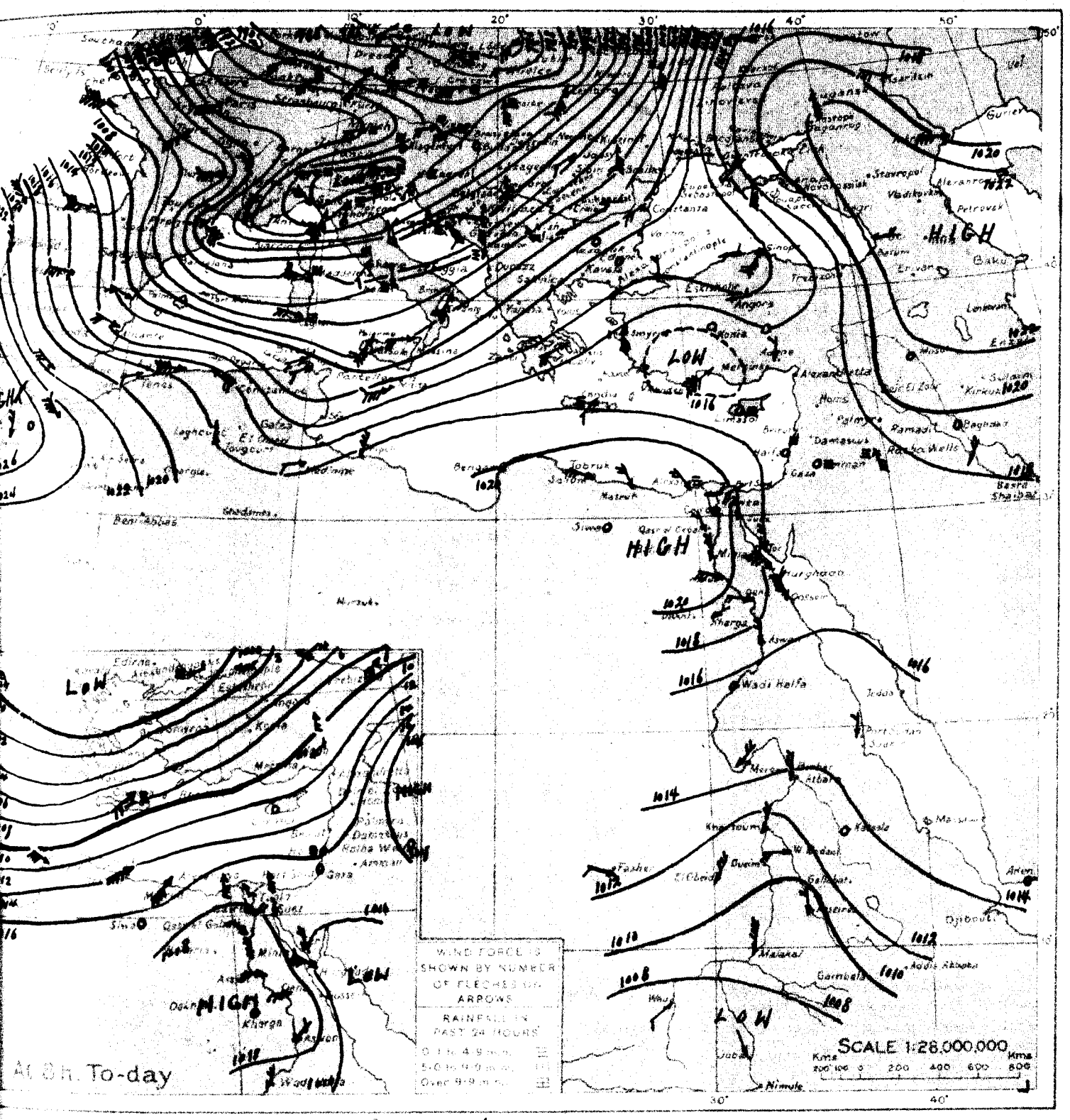
GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Previous day: Diff from normal
	1931	m.	m.	m.	m.
Juba	1-3	13.30	+0.41	13.30	+0.43
Nasser	28-2	6.89	-0.27	11.92	-0.34
Malakal	1-3	9.85	-0.49	9.85	-0.50
Roseires	2-3	11.34	-0.18	11.35	-0.19
Sennar Res.	28-2	19.86	—	19.90	—
Makwar	28-2	4.49	-0.86	4.50	-0.86
Khartoum	1-3	9.92	-0.40	9.99	-0.41
Kh. el Girba					
Atbara	1-3	9.82	-0.36	9.85	-0.34
Wadi Halfa	1-3	1.13	-0.63	1.13	-0.65
Aswan Res.	1-3	113.05	—	113.08	—
" D.S.	1-3	85.20	-0.37	85.18	-0.41
El Leithi	2-3	16.87	-0.54	16.91	-0.51
Roda (Cairo)	2-3	15.64	+0.09	15.66	+0.11

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣ -١ Barometer and Wind at 8 h. Yesterday 1 - 3 - 1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣ -١ From Observations taken at 8 h yesterday. 1 - 3 - 1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1000.6	-15.2	-13.8	SW	1	5	11	0	—	14	—	10	—	90	—	5	—	467	—
	MALTA	1012.1	-7.6	-3.3	WSW	5	1	14	+2	—	14	-2	11	+1	60	—	0	357	361	2
	ATHENS	1014.4	-1.6	-1.6	WSW	2	0	10	+1	—	—	—	—	—	70	—	—	—	269	—
	CANDIA	1017.9	+1.1	+1.5	SW	1	1	12	+1	—	17	+1	8	-2	—	—	3	424	380	3
	LIMASSOL	1016.3	+1.3	+1.3	—	0	0	10	-1		17	-2	6	-1	—	—	3	313	381	2
EGYPT and SUDAN	Abbaya	1012.8	-0.3	-0.1	N	3	0	24.0	0.0	+2.2	36	+3	18	+3	39	+18	0	0	1	—
	Kassala	1014.0	+4.6	+3.7	—	0	0	25.0	+1.5	+0.2	38	+1	18	0	51	-1	0	0	11	—
	Madani	1011.6	-0.4	+0.1	WNW	2	0	26.5	+2.0	+3.7	39	+3	21	+4	17	-8	0	8	13	—
	El Fasher	1012.8	+2.2	—	WNW	1	0	22.0	+2.5	+4.3	40	+7	12	0	16	-8	0	1	8	—
	El Obeid	1011.4	+0.7	-1.9	NNE	3	0	23.8	+0.1	+2.9	37	+3	15	+1	17	-6	0	17	19	—
	Wau	1007.8	-1.3	-1.6	SW	1	0	28.0	+1.0	+0.9	41	+4	22	+2	39	-4	0	101	164	—
	Juba	—	—	—	NW	—	3	28.5	+2.5	—	40	—	—	—	55	—	0	91	148	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 18m

" " sunset 17h 55m

From Observations taken at 8h. to-day.

Tuesday 3rd March, 1931 — ١٩٣١ الثلاثاء ٣ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1015.6	+1.8	-1.6	WNW	3	4	11.3	-1.8	-1.8	[illegible]	—	9	—	70	-4	0	51	82	4
	MATRUH	1014.3	-1.3	-2.8	NNW	4	4	11.2	-0.5	-1.8	23	+4	10	+1	73	-2	0	165	142	4
	ALEXANDRIA	1013.4	-3.7	-3.3	WNW	5	4	14.3	+1.8	0.0	21	0	11	-1	78	+6	trace	91	175	5
	PORT SAID	1012.8	-5.1	-2.4	SW	4	7	15.1	+2.3	+0.4	23	+3	13	+1	70	-3	0	54	64	3
	GAZA	—	—	—	SW	1	0	14.9	+1.5	+0.8	18	-2	10	+1	61	-11	0	207	344	—
	HAIFA	1008.4	-7.5	-5.9	—	0	4	17.0	+3.3	+1.5	19	-2	11	+1	72	+9	2	136	603	3
LOWER EGYPT	TANTA	1013.9	-3.6	—	WSW	1	0	12.0	—	—	23	—	9	—	76	—	0	32	—	—
	CAIRO: EZBEKIYA	1014.6	-3.0	-2.2	WNW	3	2	13.9	+1.4	+1.9	22	-1	10	+1	65	-18	0	16	23	—
	CAIRO: GIZA	1014.8	-3.4	-2.9	WSW	2	1	13.9	+0.9	—	22	0	9	+2	66	—	0	21	21	—
	CAIRO: HELWAN	1015.1	-3.2	-2.6	S	1	1	10.7	-1.9	-1.5	21	-1	2	-7	45	-20	0	19	24	—
	SIWA	1017.6	+1.3	+0.2	—	0	0	11.0	+2.5	-0.4	—	—	8	—	75	+10	0	35	4	—
RED SEA	SUEZ	1013.0	-3.7	-3.9	W	1	0	18.0	+4.5	+3.8	22	0	12	+1	53	-20	0	27	18	0
	TOR	1015.0	-1.0	-0.8	N	2	0	16.0	0.0	0.0	22	-1	9	-2	72	+11	0	11	12	2
	HURGHADA	1014.7	-1.1	—	NNW	5	0	18.2	+2.2	—	23	—	8	—	27	—	0	0	—	3
	QOSSEIR	1015.2	—	—	NNW	4	0	20.0	—	—	25	—	14	—	25	—	0	15	—	4
UPPER EGYPT	GEBALI	1016.3	-2.8	-1.2	NW	3	0	12.2	+1.2	-0.4	23	0	8	0	54	-14	0	17	—	—
	MINYA	1017.2	-1.9	—	NNW	2	0	12.5	+3.0	-0.1	23	-1	8	0	51	-21	—	—	—	—
	ASYUT	1018.2	-1.0	+0.6	W	2	0	12.4	+0.4	-0.3	22	-3	6	-3	53	-9	0	7	—	—
	QENA	1017.6	-0.7	—	NNW	1	0	11.8	-1.0	-3.1	27	-2	6	-4	58	+1	—	—	—	—
	KHARGA	1018.7	-0.7	—	SW	1	0	11.6	-1.4	—	24	—	4	—	31	—	0	1	—	—
	ASWAN	1017.8	-0.2	+1.2	—	0	0	14.8	+0.3	-1.6	25	-4	9	-3	41	-1	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.1	-0.4	+0.8	—	0	0	12.4	-1.2	-2.3	26	-3	6	-5	44	+6	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1013.8	+0.3	+2.1	N	2	0	19.0	-1.5	-2.0	34	+1	16	-1	15	-6	0	1	5	—
SUDAN	PORT SUDAN	1013.4	+0.1	-0.3	NW	3	0	23.4	-0.2	-0.1	28	0	18	-1	61	-4	0	29	105	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1009.1	-0.4	-0.8	N	1	0	25.0	-2.0	+0.2	41	+3	19	+1	40	+10	0	33	38	—
SOUTH SUDAN	EL FASHER	1013.5	+0.5	—	NNE	2	0	17.5	-2.0	-0.6	38	+5	11	-2	23	-1	0	1	8	
	EL OBEID																			
	MALAKAL	1011.0	+0.7	+1.3	N	5	0	27.3	-1.0	+0.2	41	+3	21	+1	3	-19	0	103	94	
	WAU																			
	JUBA	—	—	—	NW	—	3	27.0	+0.5	—	39	—	—	—	60	—	0	91	150	—

TEMP. F. C. — PRESS. Mm. Mb

Upper Wind Observations at Helwan at 8h. 15m.

Height (metres)	Km. an hour	Direction
500	35	N
1000	35	N
1500	35	N
2000		
3000		

General Situation

The depression has now reached the Black Sea. The gradient from Egypt across the eastern Mediterranean remains steep, but the pressure over Egypt is now rising.

الحالة العمومية

وصل الانخفاض الآن الى البحر الأسود وتدرج الضغط من مصر على شرق البحر الأبيض لا يزال حادا ولكن الضغط على مصر آخذ في الصعود

Forecast for 24 hours from noon to-day.

Moderate to fresh winds, westerly inland, west to northwest on the coast.
Some medium cloud.
Light rain probable in the north.
Slightly cooler.

تغيرات الضغط والطقس من ظهر اليوم الى ظهر الغد

رياح بين المعتدلة والنسيم غربية في الداخل وبين غربية وشمالية غربية على الساحل
ويظهر بعض السحب المتوسطة ويحتمل أن تمطر خفيفا في الشمال
والطقس أميل قليلا للبرودة

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	45	-20	11.3	-0.8
Ezbekiya	50	-9	11.2	-0.7
Giza	56	-2	11.5	—
Helwan	44	-4	10.2	+0.1

NOTE A dash means that figures are not available

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Remarks

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

DATE	1931	1930
2-3	686	870
1-3	685	901

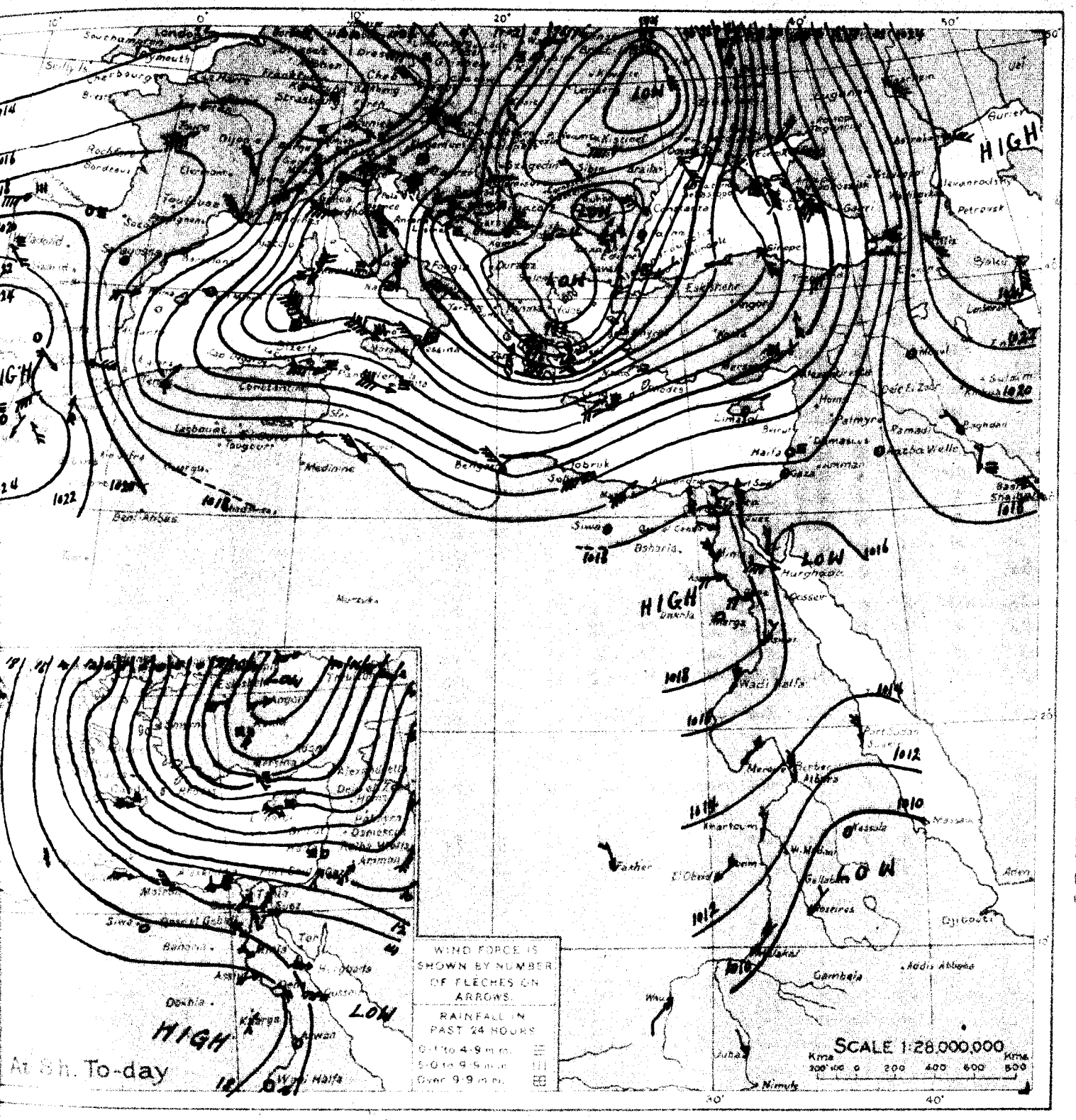
GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Previous day: Diff from normal
	1931	m.	m.	m.	m.
Juba	2-3	13.28	+0.02	13.30	+0.04
Nasser	1-3	4.86	-0.30	4.89	-0.27
Malakal	2-3	9.85	-0.48	9.85	-0.49
Roseires	2-3	11.34	-0.18	11.35	-0.17
Sennar Res.	1-3	19.82	—	19.86	—
Makwar	1-3	4.49	-0.86	4.49	-0.86
Khartoum	2-3	9.95	-0.41	9.98	-0.40
Kh. el Girba					
Atbara	2-3	9.80	-0.37	9.82	-0.36
Wadi Halfa	2-3	1.13	-0.62	1.13	-0.63
Aswan Res.	2-3	112.98	—	113.05	—
" D.S.	2-3	85.20	-0.36	85.20	-0.37
El Leithi	3-3	16.86	-0.54	16.87	-0.54
Roda (Cairo)	3-3	15.64	+0.09	15.64	+0.09

PRINTED AT THE SURVEY OF EGYPT 1529(29/560/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣-٢ Barometer and Wind at 8 h. Yesterday 2 - 3 - 1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣-٢ From Observations taken at 8 h. yesterday. 2 - 3 - 1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C.	%		m.m	m.m.	m.m.	
MEDITERRANEAN	ROME	1005·6	+5·0	-8·7	NE	1	0	—	—	—	14	—	9	—	80	—	3	—	469	—
	MALTA	1008·2	-3·9	-7·2	WNW	7	1	12	-2	—	16	0	9	-1	30	—	3	360	362	5
	ATHENS	993·3	-4·1	-22·6	S	7	5	13	+3	—	—	—	—	—	70	—	—	—	270	—
	CANDIA	1006·4	-11·5	-10·0	SW	2	4	14	+2	—	21	+5	12	+2	—	—	drops	424	381	3
	LIMASSOL	1013·9	-2·4	-1·1	—	0	3	13	+3		18	-1	8	0	—	—	0	313	382	2
EGYPT and SUDAN	Atbara	1013·1	+0·3	+0·3	N	3	0	24·0	0·0	+2·0	37	+3	15	-1	39	+19	0	0	1	—
	Kassala	1009·3	-4·7	-0·9	—	0	0	25·0	0·0	+0·1	38	+1	17	-2	47	-4	0	0	11	—
	El Fasher	1013·0	+0·2	—	NNW	1	0	19·5	-2·5	+1·6	37	+4	12	0	21	-3	0	1	8	—
	Wau	1010·2	+2·4	+0·8	SW	1	0	26·0	-2·0	-1·2	42	+5	21	+1	42	-1	0	101	155	—
	Juba	—	—	—	NW	—	3	26·5	-2·0	—	40	—	—	—	66	—	0	91	149	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 6h 17m

" " sunset 17h 56m

From Observations taken at 8h. to-day.

Wednesday 4th March, 1931 — الاربعاء ٤ مارس ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1021.0	+5.4	+3.8	WNW	2	2	10.9	-0.4	-2.2	[illegible]	—	9	—	74	+1	0	51	82	3
	MATRUH	1019.0	+4.7	+1.9	NNW	7	1	13.2	+2.0	+0.2	16	-3	11	+1	62	-13	0	165	142	9
	ALEXANDRIA	1017.4	+4.0	+0.8	WNW	7	4	12.9	-1.4	-1.5	18	-3	11	-1	64	-8	1	92	175	6
	PORT SAID	1015.9	+3.1	+0.8	NW	4	4	11.8	-3.5	-3.0	19	-1	10	-2	78	+5	1	55	64	5
	GAZA	—	—	—	NW	2	3	13.4	-1.5	-0.8	18	-2	10	+1	72	0	21	228	345	—
	HAIFA	1009.4	+1.0	-4.8	SSW	1	4	11.6	-5.4	-4.0	19	-2	9	-1	73	+10	11	647	604	4
LOWER EGYPT	TANTA	—	—	—	WSW	1	4	11.5	-0.5	—	20	—	9	—	81	—	drops	32	—	—
	CAIRO EZBEKIYA	1018.6	+4.0	+1.9	WNW	2	3	11.3	-2.6	-0.8	21	-2	10	0	66	-7	drops	16	24	—
	CAIRO GIZA	1018.6	+3.8	+1.6	SW	2	3	10.9	-3.0	—	18	-4	8	+1	74	—	0	21	21	—
	CAIRO HELWAN	1018.8	+3.7	+1.8	W	1	3	11.6	+0.3	-1.3	20	-2	9	-1	65	0	0	19	25	—
	SIWA	1021.6	+4.0	+4.5	—	0	0	10.5	-0.5	-1.0	—	—	8	+1	71	+6	0	35	4	—
RED SEA	SUEZ	1015.5	+0.5	-3.3	NW	2	4	14.5	-3.5	+0.2	23	+1	13	+1	62	-11	drops	27	18	2
	TOR	1017.2	+2.2	+1.4	N	5	1	17.0	+1.0	+0.8	25	+2	8	-3	70	+9	0	11	12	5
	HURGHADA	1016.3	+1.6	—	NW	5	0	17.5	-0.7	—	28	—	12	—	40	—	0	0	—	3
	QOSSEIR	1016.8	+1.6	—	WNW	5	0	18.9	-1.1	—	25	—	15	—	32	—	0	15	—	4
UPPER EGYPT	GEBALI	1020.0	+3.7	+2.5	NW	4	0	12.0	-0.2	-0.9	21	-3	7	-1	59	-9	0	17	—	—
	MINYA	1020.8	+3.6	—	NW	4	1	12.7	+0.2	-0.1	21	-3	8	-1	67	-5	—	—	—	—
	ASYUT	1021.2	+3.0	+3.7	W	3	3	10.4	-1.5	-1.9	22	-3	7	-2	62	+1	0	7	—	—
	QENA	1019.2	+1.6	—	W	2	0	12.8	+1.0	-2.2	27	-2	8	-2	58	+1	—	—	—	—
	KHARGA	1020.4	+1.7	—	N	1	0	15.0	+3.4	—	26	—	7	—	49	—	0	1	—	—
	ASWAN	1019.5	+1.7	+3.0	N	2	0	14.6	-0.2	-2.0	27	-2	12	-1	38	-3	—	—	—	—
NORTH SUDAN	WADI HALFA	1019.6	+2.5	+3.4	NNE	2	0	13.0	+0.8	-1.9	27	-3	11	0	35	-2	—	—	—	—
	MEROWE	1016.8	+1.3	+2.8	N	4	0	18.6	+0.5	-1.2	31	-3	13	-2	17	-8	0	0	1	—
	ATBARA	1015.8	+2.3	+3.1	N	5	0	21.5	0.0	-0.9	34	0	16	0	25	+5	0	0	1	—
	KHARTOUM	1014.8	+1.0	+3.2	NNE	2	0	19.6	+0.6	-1.7	31	-3	15	-2	11	-10	0	1	5	—
SUDAN	PORT SUDAN	1014.7	+1.3	+1.1	—	0	0	23.4	0.0	-0.2	27	-1	16	-3	49	-16	0	29	105	1
EAST SUDAN	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1009.3	+0.2	-0.5	NNE	1	0	23.5	-1.5	-1.5	38	0	16	-2	23	-7	0	33	38	—
SOUTH SUDAN	EL FASHER																			—
	EL OBEID	1013.9	+2.0	+0.9	NE	3	2	18.0	-0.5	-3.4	33	-1	10	-4	20	-3	0	17	19	—
	MALAKAL	1011.0	0.0	+1.3	NNE	4	1	24.8	-2.5	-2.5	38	0	17	-3	3	-20	0	103	94	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C: 120 110 100 90 80 70 60 50 40 27 — 40 30 20 10 0 -3

PRESS. Mm. Mb.: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at h. m. 9 30

Height (metres)	Kms per hour	Direction
500	30	NW
1000	50	NW
1500		
2000		
3000		

General Situation

Pressure continues to rise and a system of high pressure has been established over western Egypt and the central Mediterranean. There is a steep gradient of pressure from Egypt to Syria where the depression is now centred.

الحالة العمومية

يستمر الضغط في الصعود وقد تكونت منطقة ضغط مرتفع على غرب مصر واواسط البحر الابيض المتوسط وتدرج الضغط حاد ما بين مصر والشام حيث يوجد مركز الانخفاض الجوي.

Forecast for 24 hours from noon to-day.

West to northwest winds, on the coast fresh at times strong, inland moderate to fresh. Gusty; moderating tomorrow. Light rain throughout Lower Egypt.
Remaining cool. Unsettled, but conditions improving tomorrow.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح ما بين الغرب والشمال الغربي نسبيا على الساحل تكون شديدة احيانا وما بين المعتدلة والنسيم في الداخل ذات هبات متقطعة تشتد غدا - تمطر خفيفا على جميع الوجه البحري - ويظل الطقس باردا ومضطربا الزاد الحالة تأخذ في التحسن من باكر.

STATION	Humidity Mean of Day: Yester day	Diff. from normal	Wet Bulb Temperature Mean of Day: Yester day	Diff. from normal
	%	%	°C	°C
Alexandria	61	-4	12.9	+0.7
Ezbekiya	46	-13	11.2	-0.8
Giza	52	-6	11.2	—
Helwan	40	-8	9.2	-0.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
4.3	683	843
3.3	686	843

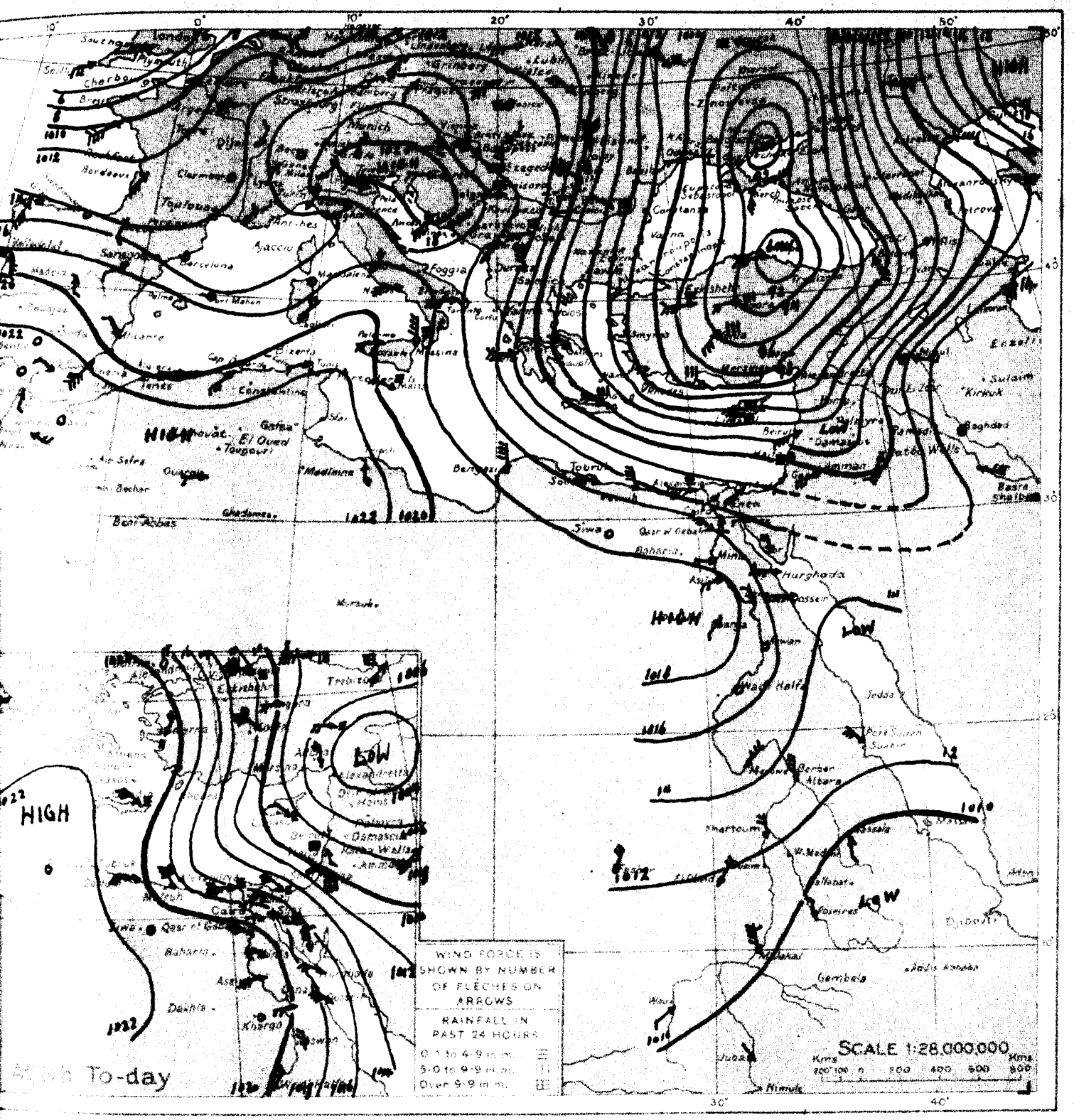
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	3.3	13.28	+0.02	13.28	+0.02
Nasser	3.3	4.80	-0.36	4.82	-0.34
Malakal	3.3	9.84	-0.42	9.85	-0.41
Roseires	4.3	11.31	-0.19	11.33	-0.18
Sennar Res.	3.3	19.70	—	19.76	—
Makwar	3.3	4.53	-0.80	4.53	-0.81
Khartoum	3.3	9.93	-0.42	9.95	-0.41
Kh. el Girba					
Atbara	3.3	9.79	-0.37	9.80	-0.37
Wadi Halfa	4.3	1.13	-0.60	1.13	-0.61
Aswan Res.	4.3	112.92	—	112.98	—
" D.S.	4.3	85.20	-0.34	85.20	-0.35
El Leithi	4.3	16.86	-0.52	16.86	-0.54
Roda (Cairo)	4.3	15.60	+0.05	15.64	+0.09

PRINTED AT THE SURVEY OF EGYPT 1929(22/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣-٣ Barometer and Wind at 8 h. Yesterday 3.3.1931.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣-٣ From Observations taken at 8 h. yesterday. 3.3.1931.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C	°C	°C.	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.6	+13.0	+4.4	NE	2	4	2	—	—	11	—	0	—	60	—	—	—	471	—
	MALTA	1018.9	+10.7	+3.5	WNW	3	2	11	-1	—	13	-3	9	-1	70	—	tr.	360	363	2
	ATHENS	1006.8	+13.5	-9.0	NW	3	2	6	-7	—	—	—	—	—	40	—	—	—	271	—
	CANDIA	1009.4	+3.0	-7.0	WNW	2	3	11	-3	—	17	+1	7	-3	—	—	5	429	382	5
	LIMASSOL	1005.1	-8.8	-9.7	WNW	3	4	11	-2		18	-1	11	+3	—	—	9	322	384	5
EGYPT and SUDAN	Merowe مروى	1015.5	+0.4	+1.4	NE	3	0	18.1	-0.5	-1.5	32	-1	12	-3	16	-9	0	0	1	—
	Atbara عطبرة	1012.5	+0.4	+0.7	N	4	0	21.5	-2.5	-0.7	35	+1	16	0	46	+26	0	0	1	—
	Kassala كسلا	1009.3	0.0	-0.9	S	1	0	26.0	+1.0	+0.9	38	+1	18	-1	19	-32	0	0	11	—
	El Obeid الابيض	1011.9	-1.1	-1.2	NE	2	0	18.5	-3.0	-2.7	35	+1	12	-2	26	+3	0	17	19	—
	Wau واو	1010.7	+0.5	+1.3	SW	1	1	27.0	+1.0	-0.2	41	+3	21	+1	31	-13	0	101	156	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 16m

" " sunset 17h 57m

From Observations taken at 8h. to-day.

Thursday 5th March, 1931 — ١٩٣١ — الخميس ٥ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1023.5	+2.5	+6.3	WNW	1	3	10.5	-0.4	-2.7	15	—	9	—	68	-5	0	51	83	3
	MATRUH	1024.2	+5.2	+7.2	WNW	2	0	9.5	-3.7	-3.6	14	-5	6	-4	67	-8	0	165	143	3
	ALEXANDRIA	1024.7	+7.3	+8.1	NW	1	2	13.3	+0.4	-1.2	15	-6	10	-2	54	-18	trace	92	176	2
	PORT SAID	1023.8	+7.9	+8.7	N	2	4	12.8	+1.0	-2.7	16	-4	11	-1	53	-20	1	56	64	2
	GAZA	—	—	—	—	0	2	10.2	-3.2	-4.2	14	-6	10	+1	81	+9	3	231	346	—
	HAIFA	1020.7	+11.3	+6.5	—	0	2	13.5	+1.9	-2.2	16	-5	9	-1	63	0	2	649	604	3
LOWER EGYPT	TANTA	1024.6	—	—	WSW	1	0	9.4	-2.1	—	17	—	5	—	69	—	drops	32	—	—
	CAIRO: EZBEKIYA	1024.2	+5.6	+7.5	S	1	0	9.0	-2.3	-3.2	19	-4	6	-4	73	0	drops	16	24	—
	CAIRO: GIZA	1024.6	+6.0	+7.1	NNW	1	0	8.9	-2.0	—	17	-6	2	-5	88	—	drops	21	22	—
	CAIRO: HELWAN	1024.8	+6.0	+7.9	NNE	2	0	8.9	-2.1	-3.5	16	-6	5	-5	82	-3	drops	19	25	—
	SIWA	1024.6	+3.0	+7.4	—	0	0	8.2	-2.3	-3.5	—	—	3	-4	67	+2	0	35	4	—
RED SEA	SUEZ	1023.1	+9.6	+6.4	N	1	1	10.1	-4.4	-4.2	17	-5	7	-5	71	-2	0	27	18	0
	TOR	1021.2	+4.0	+5.5	N	3	1	13.5	-3.5	-2.8	21	-2	9	-3	66	+4	0	11	12	3
	HURGHADA	1021.6	+5.3	—	WNW	5	0	12.8	-4.7	—	21	—	8	—	57	—	0	0	—	3
	QOSSEIR	1021.1	+4.3	—	NNW	6	2	15.7	-3.2	—	22	—	13	—	58	—	0	15	—	6
UPPER EGYPT	GEBALI	1024.8	+4.8	+7.4	W	1	0	7.0	-5.0	-6.1	20	-4	4	-4	82	+14	0	17	—	—
	MINYA	1024.8	+4.0	—	NW	2	0	7.8	-4.9	-5.3	19	-5	4	-5	78	+6	—	—	—	—
	ASYUT	1024.3	+3.1	+6.9	WSW	3	0	8.6	-2.3	-4.3	19	-6	4	-5	65	+4	0	7	—	—
	QENA	1021.8	+2.6	—	WNW	1	3	10.7	-2.1	-4.5	22	-7	8	-3	70	+14	—	—	—	—
	KHARGA	1023.0	+2.6	—	NNW	1	4	11.5	-3.5	—	21	—	9	—	49	—	0	1	—	—
	ASWAN	1020.7	+1.2	+4.4	NNE	2	4	13.5	-1.1	-3.3	23	-6	11	-2	44	+3	—	—	—	—
NORTH SUDAN	WADI HALFA	1019.6	0.0	+3.5	N	2	0	12.6	-0.4	-2.5	23	-7	10	-1	46	+9	—	—	—	—
	MEROWE	1017.5	+0.7	+3.6	NE	1	1	17.1	-1.5	-2.9	29	-5	12	-3	30	+5	0	0	1	—
	ATBARA																			—
	KHARTOUM	1015.0	+0.2	+3.5	NNE	3	0	18.2	-1.4	-3.3	31	-3	15	-2	23	+2	0	1	5	—
EAST SUDAN	PORT SUDAN	1017.4	+2.7	+3.9	NW	6	0	22.2	-1.2	-1.5	28	0	18	-1	56	-9	0	29	105	6
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1009.5	+0.2	-0.2	NNE	1	0	23.0	-0.5	-2.2	39	+1	18	0	18	-11	0	33	38	—
NORTH KORDOFAN	EL FASHER			—																—
	EL OBEID																			—
	MALAKAL	1011.2	+0.2	+1.6	N	4	2	24.2	-0.6	-3.2	38	0	21	+1	7	-16	0	103	94	—
	WAU																			—
	JUBA			—																—

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 8 45

Height (metres)	Kms. an hour	Direction
500	10	NE
1000	25	NNE
1500	30	N
2000	10	NNW
3000	20	WNW

General Situation

The high pressure over Egypt has strengthened, but over the central Mediterranean and west of Egypt the pressure is again falling owing to a depression which is situated over Italy and is deepening.

الحالة العمومية

قد ازداد الارتفاع الذي فوق مصر وتكبد الضغط آخذ في الهبوط ثانية فوق غرب مصر وواسط البحر الابيض المتوسط وذلك لوجود انخفاض يزداد غورا فوق ايطاليا.

Forecast for 24 hours from noon to-day.

Light to moderate westerly and northwesterly winds, backing tomorrow on the coast to southwest. Occasional medium cloud.
Slightly warmer tomorrow, but temperature remaining below normal.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة غربية وشمالية غربية تتحول الى جنوبية غربية باكر على الساحل - يظهر بعض السحاب المتوسط الارتفاع احيانا - ترتفع درجة الحرارة قليلا باكر ولكنها تبقى دون المعدل.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	58	-7	9.2	-3.0
Ezbekiya	62	+3	9.4	-2.7
Giza	62	+4	9.1	—
Helwan	56	+8	8.5	-1.7

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
4.3	683	843
3.3	686	843

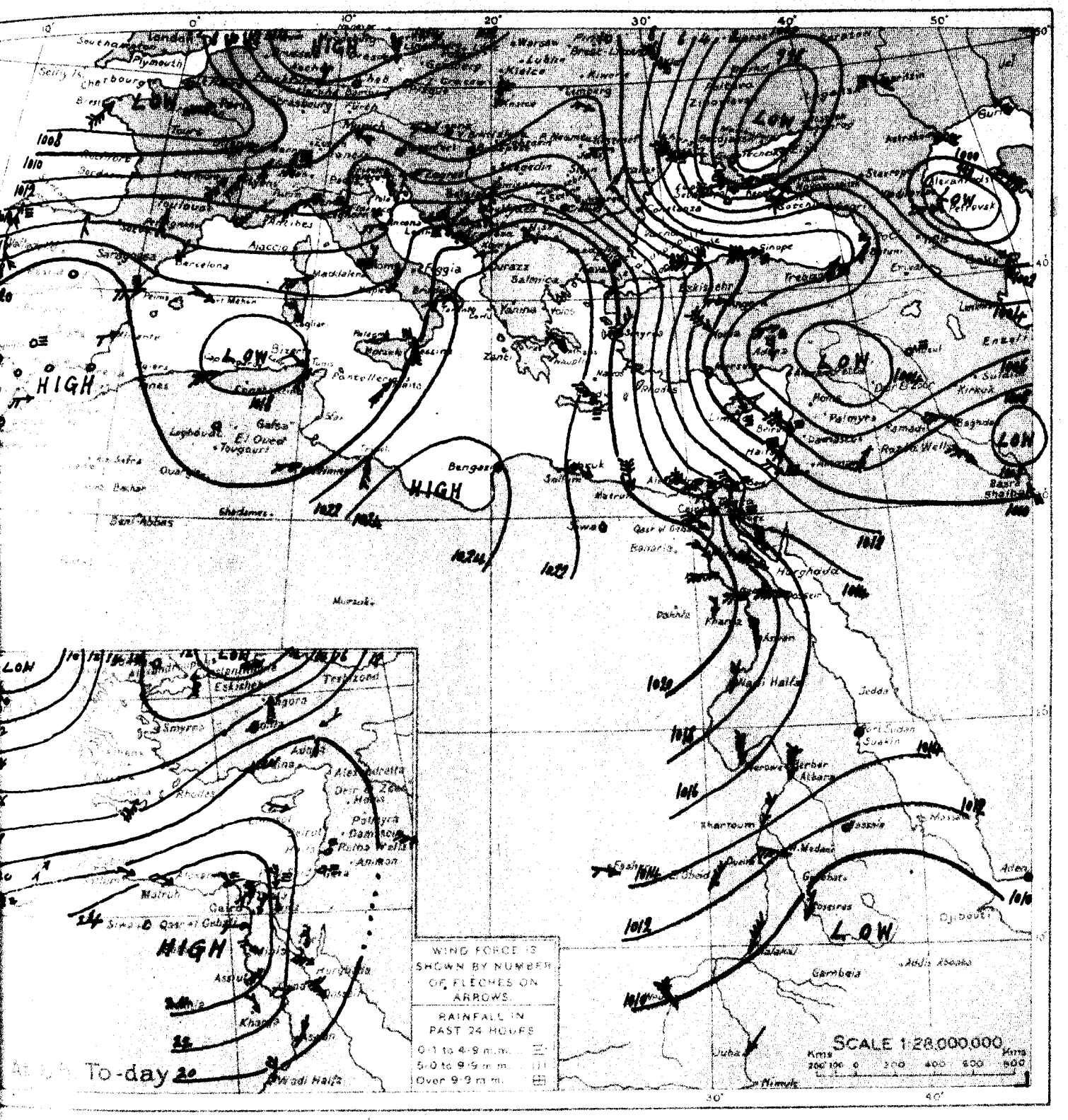
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	4.3	13.27	+0.02	13.28	+0.02
Nasser	3.3	4.80	-0.36	4.82	-0.34
Malakal	4.3	4.84	-0.47	4.84	-0.47
Roseires	5.3	11.29	-0.20	11.31	-0.19
Sennar Res.	3.3	19.70	—	19.76	—
Makwar	5.3	4.53	-0.80	4.53	-0.81
Khartoum	5.3	4.89	-0.44	4.91	-0.43
Kh. el Girba					
Atbara	4.3	9.78	-0.37	9.79	-0.37
Wadi Halfa	4.3	1.13	-0.60	1.13	-0.61
Aswan Res.	4.3	112.92	—	112.98	—
" D.S.	4.3	85.20	-0.34	85.20	-0.35
El Leithi	5.3	16.86	-0.50	16.86	-0.52
Roda (Cairo)	5.3	15.58	+0.03	15.60	+0.05

PRINTED AT THE SURVEY OF EGYPT 1929(29/999/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٤ - ٣ - ٣١ Barometer and Wind at 8 h. Yesterday 4.3.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤ - ٣ - ٣١ From Observations taken at 8 h. yesterday 4.3.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.4	-2.2	+2.4	NE	1	4	7	+5	—	10	—	1	—	80	—	1	—	474	—
	MALTA	1019.9	+1.0	+4.5	SW	4	0	14	+8	—	13	-3	12	+2	80	—	0	360	364	1
	ATHENS	1023.6	+16.8	+8.0	WNW	1	0	3	-3	—	—	—	—	—	40	—	—	—	272	—
	CANDIA	1021.6	+12.2	+5.2	NW	4	3	9	-2	—	15	-1	7	-3	—	—	drops	429	384	6
	LIMASSOL	1008.4	+3.3	-6.4	NW	1	1	7	-4		16	-3	3	-5	—	—	1	323	385	3
EGYPT and SUDAN	Kassala كسلا	1010.4	+1.1	+0.3	—	0	0	22.0	-4.0	-3.3	37	0	15	-4	50	-1	0	0	11	—
	Wad Medani	1011.2	-0.8	+0.1	WNW	4	0	23.0	+1.0	-0.4	36	-1	15	-2	38	+14	0	8	13	—
	El Fasher	1014.2	+0.7	—	WNW	1	0	18.0	+0.5	-0.4	38	+4	9	-4	20	-4	0	1	8	—
	Wau	1009.8	-0.9	+0.5	NW	7	0	25.0	-2.0	-2.2	40	+2	22	+2	11	-33	0	101	156	—
	Juba جوبا	—	—	—	NE	—	1	28.5	+1.5	—	42	—	—	—	33	—	0	91	151	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 15 m

" " sunset 17 h 57 m

From Observations taken at 8h. to-day.

Friday 6th March, 1931 ١٩٣١ الجمعه ٦ مارس

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
								°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1017.8	-5.7	+3.6	SW	4	6	12.7	+2.2	-0.6	[illegible]	—	10	—	51	-22	0	51	83	5
	MATRUH	1020.7	-3.5	+3.7	SSW	5	0	13.2	+3.7	0.0	20	+1	6	-4	56	-18	0	165	143	2
	ALEXANDRIA	1019.4	-5.3	+2.9	S	3	3	11.5	-1.8	-3.1	18	-3	9	-3	60	-12	0	92	176	3
	PORT SAID	1023.1	-0.7	+8.1	S	2	1	11.6	-1.2	-3.5	18	-2	8	-4	71	-1	0	56	65	1
	GAZA	—	—	—	—	0	0	9.4	-0.8	-5.1	16	-4	7	-2	79	+7	0	231	347	—
	HAIFA	1021.0	+0.3	+6.8	—	0	0	12.6	-0.9	-3.2	18	-3	10	0	69	+7	0	649	605	2
LOWER EGYPT	TANTA	1023.2	-1.4	—	SE	1	4	10.0	+0.6	—	19	—	5	—	69	—	0	32	—	—
	CAIRO EZBEKIYA	1022.2	-2.0	+5.6	—	0	1	9.0	0.0	-3.3	18	-5	6	-4	76	+4	0	16	24	—
	CAIRO GIZA	1022.7	-1.9	+5.3	—	0	2	8.7	-0.2	—	18	-5	3	-4	81	—	0	21	22	—
	CAIRO HELWAN	1022.4	-2.4	+5.5	—	0	1	9.0	+0.1	-3.6	17	-5	8	-2	70	+5	0	19	25	—
	SIWA	1021.8	-2.8	+4.6	—	0	0	9.0	+0.8	-2.9	—	—	4	-3	70	+5	0	35	5	—
RED SEA	SUEZ	1021.5	-1.6	+4.9	NE	2	0	10.0	-0.1	-4.4	17	-6	9	-3	68	-6	0	27	18	1
	TOR	[illegible]	0.0	+5.6	NE	1	0	14.2	+0.7	-2.3	18	-5	6	-6	76	+14	0	11	12	1
	HURGHADA	1019.0	-2.6	—	WNW	5	0	15.0	+2.2	—	19	—	8	—	42	—	0	0	—	3
	QOSSEIR	1019.0	-2.1	—	NNW	6	0	17.9	+2.2	—	20	—	14	—	34	—	0	15	—	6
UPPER EGYPT	GEBALI	1023.5	-1.3	+6.1	NW	1	0	10.0	+3.0	-3.3	21	-3	5	-3	[illegible]	+12	0	17	—	—
	MINYA	1023.1	-1.7	—	NNW	2	0	9.5	+1.7	-3.8	19	-5	4	-5	74	+3	—	—	—	—
	ASYUT	1023.4	-0.9	+6.1	W	3	0	9.0	+0.4	-4.0	17	-8	4	-5	72	+11	0	7	—	—
	QENA	1021.2	-0.6	—	W	2	0	9.9	-0.8	-5.5	22	-7	6	-5	67	+11	—	—	—	—
	KHARGA	1021.9	-1.1	—	—	0	0	11.8	+0.3	—	19	—	6	—	56	—	0	1	—	—
	ASWAN	1020.2	-0.5	+4.0	N	1	0	13.6	+0.1	-3.4	22	-7	9	-4	32	-8	—	—	—	—
NORTH SUDAN	WADI HALFA	1019.6	0.0	+3.6	NW	2	0	12.2	-0.4	-3.1	23	-7	8	-3	39	+3	—	—	—	—
	MEROWE	1016.6	-0.9	+2.8	NNE	3	0	17.6	+0.5	-2.6	30	-4	12	-3	23	-2	0	0	1	—
	ATBARA	1015.2	-0.6	+2.6	N	4	0	20.8	+0.8	-2.0	32	-2	16	0	39	+19	0	0	1	—
	KHARTOUM	1015.2	+0.2	+3.8	NNE	2	0	20.0	+1.8	-1.7	31	-3	15	-2	18	-2	0	1	5	—
EAST SUDAN	PORT SUDAN	1014.8	-2.6	+1.3	N	2	0	21.7	-0.5	-2.1	26	-2	16	-3	55	-10	0	29	105	2
	KASSALA	1010.0	-0.3	0.0	—	0	0	22.5	0.0	-3.1	38	+1	16	-3	37	-13	0	0	11	—
	WAD MEDANI	1010.7	-3.3	-0.1	WNW	3	0	22.5	+2.0	-1.3	34	-3	15	-3	20	-4	0	8	13	—
	ROSEIRES	1009.4	-0.1	-0.2	NNE	1	0	24.0	+1.0	-1.4	37	-2	18	-1	20	-9	0	33	38	—
SOUTH SUDAN	EL FASHER	1014.3	-1.2	—	NW	1	0	19.0	+2.5	0.0	31	-3	10	-3	19	-4	0	1	8	—
	EL OBEID	1015.0	-0.5	+2.2	NNE	4	0	18.5	+1.5	-3.3	30	-4	12	-2	29	+7	0	17	19	—
	MALAKAL	1011.9	+0.7	+2.3	NNE	4	1	25.6	+1.4	-1.8	35	-3	20	0	9	-14	0	103	94	—
	WAU	1011.1	+0.5	+1.8	W	2	1	25.0	+2.0	-2.2	36	-2	22	+2	16	-28	0	101	158	—
	JUBA	—	—	—	NNW	—	3	27.0	-3.0	—	38	—	—	—	37	—	0	91	153	—

TEMP. F C: 120 110 100 90 80 70 60 50 40 30 27 — 40 30 20 10 0 -3

PRESS. Mm. Mb.: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	52	-13	9.4	-2.9
Ezbekiya	57	-2	9.1	-3.1
Giza	74	+16	8.9	—
Helwan	47	-1	7.5	-2.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
6.3	733	851
5.3	685	843

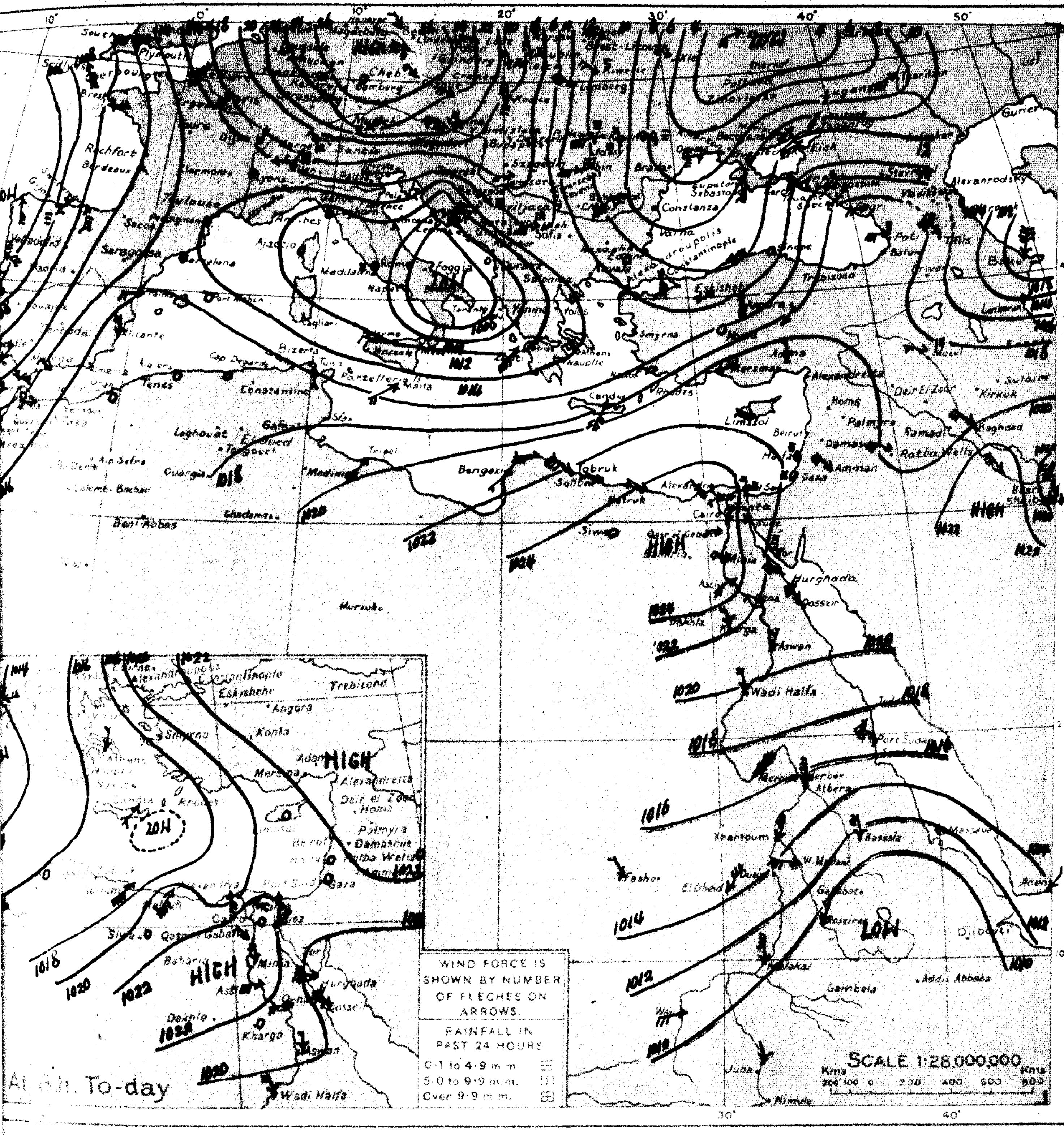
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	6.3	13.26	+0.01	13.26	+0.01
Nasser	4.3	4.75	-0.41	4.80	-0.36
Malakal	6.3	9.84	-0.46	9.84	-0.47
Roseires	6.3	11.28	-0.21	11.29	-0.20
Sennar Res.	4.3	19.65	—	19.70	—
Makwar	4.3	4.53	-0.78	4.53	-0.80
Khartoum	6.3	9.89	-0.43	9.89	-0.44
Kh. el Girbd					
Atbara	6.3	9.77	-0.37	9.78	-0.37
Wadi Halfa	6.3	1.10	-0.61	1.12	-0.60
Aswan Res.	6.3	112.82	—	112.85	—
" D.S.	6.3	85.28	-0.23	85.21	-0.32
El Leithi	6.3	16.89	-0.46	16.86	-0.50
Roda (Cairo)	6.3	15.58	+0.03	15.58	+0.03

PRINTED AT THE SURVEY OF EGYPT 1928(29/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٣-٥ Barometer and Wind at 8 h. Yesterday 5.3.31



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٣-٥ From Observations taken at 8 h. yesterday. 5.3.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1010.6	-5.8	-3.3	—	0	3	11	+4	—	13	—	6	—	80	—	1	—	476	—
	MALTA	1014.2	-5.7	-1.0	WSW	2	0	14	0	—	18	+2	12	+2	80	—	0	360	365	1
	ATHENS	1012.4	-11.2	-3.2	—	0	4	10	+7	—	—	—	—	—	70	—	—	—	274	—
	CANDIA	1017.4	-4.2	+1.0	SSW	6	3	13	+4	—	14	-2	5	-5	—	—	0	429	385	5
	LIMASSOL	1021.0	+12.6	+6.3	WNW	1	0	7	0		13	-6	1	-7	—	—	0	323	386	3
EGYPT and SUDAN	Albara عطبره	1015.8	0.0	+3.1	N	4	0	20.0	-1.5	-2.6	33	-1	15	-1	40	+20	0	0	1	—
	Kassala كسلا	1010.3	-0.1	+0.3	N	2	0	22.5	+0.5	-2.9	36	-1	16	-3	17	-33	0	0	11	—
	Wad Medani ود مدني	1014.0	+2.8	+3.0	WNW	4	0	20.5	-2.5	-3.1	35	-2	16	-1	52	+28	0	8	13	—
	El Fasher الفاشر	1015.5	+1.3	—	NNW	1	0	16.5	-1.5	-2.1	32	-2	8	-5	25	+1	0	1	8	—
	El Obeid الأبيض	1015.5	+1.6	+2.6	NE	3	4	17.0	-1.0	-4.8	32	-2	11	-3	24	+2	0	17	19	—
	Wau واو	1010.6	+0.8	+1.3	W	3	1	23.0	-2.0	-4.2	38	0	19	-1	18	-26	0	101	157	—
	Juba جوبا	—	—	—	NNW	—	1	30.0	+1.5	—	40	—	—	—	38	—	0	91	152	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 14 (h m)

" sunset 17 58 (h m)

From Observations taken at 8h. to-day.

Saturday 7th March, 1931 — ١٩٣١ السبت ٧ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1020.0	+2.2	+2.9	WSW	3	3	16.2	+3.5	+2.8	24	—	13	—	38	-35	0	51	83	5
	MATRUH	1021.4	+0.7	+4.5	SSW	4	2	15.0	+1.8	+1.8	25	+5	13	+3	63	-11	0	165	144	2
	ALEXANDRIA	1023.6	+4.2	+7.2	S	3	2	13.0	+1.5	-1.7	22	+1	10	-2	73	+1	0	92	176	2
	PORT SAID	1023.1	0.0	+8.1	SE	2	0	14.6	+3.0	-0.6	19	-1	11	-2	84	+12	0	56	65	1
	GAZA	—	—	—	—	0	0	10.6	+1.2	-4.0	17	-3	5	-4	70	-2	0	231	347	—
	HAIFA	1021.9	+0.9	+7.8	SSE	1	0	13.9	+1.3	-2.0	18	-3	9	-1	64	+2	0	649	606	3
LOWER EGYPT	TANTA	1023.1	-0.1	—	NE	1	0	12.3	+2.3	—	23	—	9	—	79	—	0	32	—	—
	CAIRO EZBEKIYA	1022.2	0.0	+5.7	N	1	1	10.1	+1.1	-2.3	22	-1	7	-3	74	+2	0	16	24	—
	CAIRO GIZA	1022.2	-0.5	+4.9	NW	2	2	9.9	+1.2	—	22	-1	4	-3	86	—	0	21	22	—
	CAIRO HELWAN	1021.6	-0.8	+4.3	ENE	5	2	16.5	+7.5	+3.8	21	-1	9	-1	36	-28	0	19	25	—
	SIWA	1020.4	-1.4	+3.3	—	0	0	10.9	+1.9	-1.1	—	—	6	-1	64	0	0	35	5	—
RED SEA	SUEZ	1021.9	+0.4	+5.4	N	2	0	14.0	+4.0	-0.5	21	-2	10	-2	62	-12	0	27	19	2
	TOR	1019.1	-2.1	+3.6	N	1	0	17.2	+3.0	+0.6	20	-3	7	-5	78	+16	0	11	12	1
	HURGHADA	1019.2	+0.2	—	NNW	5	0	17.8	+2.8	—	22	—	9	—	29	—	0	0	—	3
	QOSSEIR	1018.4	-0.6	—	NNW	5	0	20.3	+2.4	—	23	—	17	—	33	—	0	15	—	5
UPPER EGYPT	GEBALI	1021.8	-1.7	+4.5	N	2	0	14.0	+4.0	+0.5	23	-1	7	-1	52	-16	0	17	—	—
	MINYA	1021.9	-1.2	—	NNE	2	0	11.5	+2.0	-1.9	21	-3	6	-3	58	-13	—	—	—	—
	ASYUT	1020.7	-2.7	+3.5	W	3	1	10.2	+1.2	-3.0	23	-3	6	-3	61	0	0	7	—	—
	QENA	1019.8	-1.4	—	NW	1	0	12.5	+2.6	-3.1	22	-8	7	-4	51	-5	—	—	—	—
	KHARGA	1019.9	-2.0	—	—	0	0	15.0	+3.2	—	24	—	7	—	43	—	0	1	—	—
	ASWAN	1018.8	-1.4	+2.7	—	0	2	13.7	+0.1	-3.5	26	-3	9	-4	39	-1	—	—	—	—
SUDAN	WADI HALFA	1018.0	-1.6	+2.1	—	0	0	12.4	+0.2	-3.1	26	-4	9	-2	33	-3	—	—	—	—
	MEROWE	1016.0	-0.6	+2.3	NE	2	0	19.6	+2.0	-0.8	32	-2	13	-2	22	-3	0	0	1	—
	ATBARA																			—
	KHARTOUM	1014.2	-1.0	+2.9	NNE	1	0	20.0	0.0	-1.9	32	-2	16	-1	20	0	0	1	5	—
	PORT SUDAN	1014.7	-0.1	+1.3	NW	3	0	23.5	+1.8	-0.4	27	-1	18	-1	57	-8	0	29	106	3
	KASSALA																			—
	WAD MEDANI	1012.0	+1.3	+1.4	WNW	3	1	24.0	+1.5	+0.1	36	-1	18	0	17	-7	0	8	13	—
	ROSEIRES	1009.6	+0.2	+0.1	NNE	1	0	25.0	+1.0	-0.6	37	-2	19	0	34	+5	0	33	39	—
	EL FASHER	1013.4	-0.9	—	N	1	0	18.0	-1.0	-1.1	33	-1	10	-3	16	-7	0	1	8	—
	EL OBEID																			—
	MALAKAL																			—
	WAU																			—
	JUBA			—					—			—		—		—				—

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Kms. an hour	Direction
500	30	ENE
1000	40	ENE
1500	35	ENE
2000	45	ENE
3000		

General Situation

The high pressure over Egypt is maintained but an unusually deep and extensive depression covers the western and central Mediterranean, and pressure over western Egypt is already falling.

الحالة العمومية

لا تزال منطقة الضغط المرتفع محافظة كما زال على مصر ولكن يوجد على غرب وأواسط البحر الابيض انخفاض متسع عميق بشكل غير عادي والضغط على غرب مصر قد ابتدأ في الهبوط

Forecast for 24 hours from noon to-day.

Moderate to fresh winds, on the coast southerly, inland northeasterly, veering to southeast tomorrow. Occasional high cloud. Warm.

Further outlook: Moderate khamsin conditions probable.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

الرياح ما بين الشمالية والشرقية خفيفة على الساحل وشمالية شرقية داخل القطر تتحول الى الجنوب الشرقي غداً وتظهر سحب عالية بالسماء الطقس دافئ واذا نظرنا بعيداً فيحتمل أن تظهر أحوال خماسينية

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	51	-14	10.8	-1.5
Ezbekiya	55	-3	10.7	-1.6
Giza	54	-4	10.7	—
Helwan	44	-3	8.9	-1.4

NOTE. A dash means that figures are not available

Terms of Subscription. By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
6-3	733	851
5-3	685	843

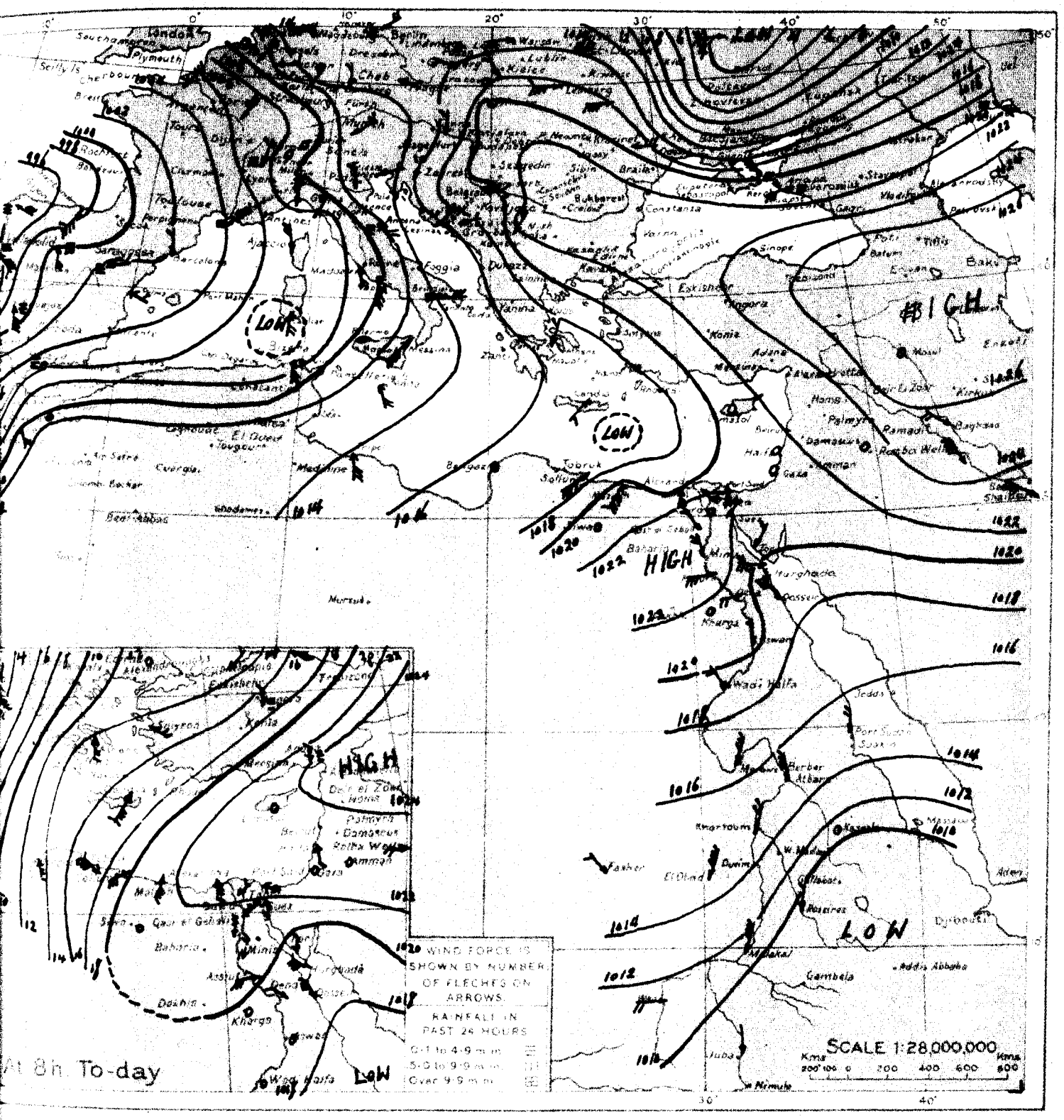
GAUGE	Date	Reading	Diff from normal	Previous Day: Reading	Previous Day: Diff from normal
	1931	m	m	m	m
Juba	6-3	13.26	+0.01	13.26	+0.01
Nasser	4-3	4.75	-0.41	4.80	-0.36
Malakal	6-3	9.84	-0.46	9.84	-0.47
Roseires	7-3	11.27	-0.21	11.28	-0.21
Sennar Res.	4-3	19.65	—	19.70	—
Makwar	4-3	4.53	-0.78	4.53	-0.80
Khartoum	6-3	9.89	-0.43	9.89	-0.44
Kh. el Girbd					
Atbara	7-3	9.75	-0.39	9.77	-0.37
Wadi Halfa	6-3	1.10	-0.61	1.12	-0.60
Aswan Res.	6-3	112.82	—	112.85	—
" D.S.	6-3	85.28	-0.23	85.21	-0.32
El Leithi	7-3	16.92	-0.42	16.89	-0.46
Roda (Cairo)	7-3	15.60	+0.04	15.58	+0.03

PRINTED AT THE SURVEY OF EGYPT 1929(29/599/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣ -٦ Barometer and Wind at 8 h. Yesterday 6-3-1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣ -٦ From Observations taken at 8 h. yesterday. 6-3-1931

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1009.4	-1.2	-4.5	S	2	4	12	+1	—	17	—	10	—	90	—	—	—	478	—
MALTA	1013.5	-0.7	-1.7	SSE	2	3	13	-1	—	17	+1	11	+1	90	—	0	360	366	1
ATHENS	1017.6	+5.2	+2.1	NNE	1	4	10	0	—	—	—	—	—	70	—	—	—	275	—
CANDIA	1017.0	-0.4	+0.7	SW	1	3	15	+2	—	18	+2	11	+1	—	—	0	429	386	2
LIMASSOL	1020.2	-0.8	+5.5	—	0	3	13	+6		14	-5	6	-2	—	—	0	323	387	2
EGYPT and SUDAN																			

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 13m

" " sunset 17h 59m

From Observations taken at 8h. to-day.

Sunday 8th March, 1931 ١٩٣١ الأحد ٨ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1016.0	-4.0	-1.1	ENE	2	4	17.2	+1.0	+3.7	~~22~~	—	8	—	45	-28	0	51	84	4
	MATRUH	1017.4	-4.0	+0.5	SSE	2	2	13.3	-1.7	0.0	26	+6	12	+2	87	+13	0	165	144	1
	ALEXANDRIA	1018.4	-5.2	+2.1	E	2	3	16.7	+3.7	+1.9	25	+4	12	0	76	+4	0	92	177	3
	PORT SAID	1018.0	-5.1	+3.1	E	3	0	17.0	+2.4	+1.7	19	-1	14	+1	90	+18	0	56	65	2
	GAZA																			
	HAIFA	1018.7	-3.2	+4.6	SSE	1	1	18.0	+4.1	+2.0	20	-1	11	+1	66	+4	0	649	607	3
LOWER EGYPT	TANTA	1017.9	-5.2	—	N	1	0	13.4	+1.1	—	26	—	10	—	94	—	0	32	—	—
	CAIRO EZBEKIYA	1017.1	-5.1	+0.7	NE	1	0	11.4	+1.3	-1.1	27	+4	8	-2	64	-8	0	16	24	—
	CAIRO GIZA	1017.4	-4.8	+0.1	NNW	2	8	8.7	-1.2	—	26	+3	6	-1	99	—	0	21	22	—
	CAIRO HELWAN	1017.6	-4.5	+0.4	NE	2	0	15.8	-0.7	+3.1	27	+4	9	-1	36	-28	0	19	25	—
	SIWA	1014.7	-5.7	-2.3	—	0	0	13.0	+2.1	+0.9	—	—	6	-1	55	-9	0	35	5	—
RED SEA	SUEZ	1016.3	-5.6	-0.1	N	1	0	14.4	+0.4	-0.2	27	+4	11	-1	65	-9	0	27	19	0
	TOR	1016.6	-2.5	+1.2	—	0	0	18.0	+0.8	+1.3	23	0	10	-2	75	+13	0	11	13	0
	HURGHADA	1016.4	-2.8	—	NW	5	0	20.0	+2.2	—	26	—	10	—	31	—	0	0	—	3
	QOSSEIR	1016.7	-1.7	—	NNW	5	0	22.2	+1.9	—	25	—	17	—	17	—	0	15	—	4
UPPER EGYPT	GEBALI	1017.5	-4.3	+0.3	W	1	0	13.0	-1.0	-0.7	28	+4	8	0	66	-1	0	17	—	—
	MINYA	1018.0	-3.9	—	NW	2	0	11.2	-0.3	-2.4	26	+2	6	-3	71	0	—	—	—	—
	ASYUT	1017.8	-2.9	+0.7	WSW	2	0	14.2	+4.0	+0.9	28	+2	8	-1	43	-18	0	7	—	—
	QENA	1017.5	-2.3	—	WNW	1	0	14.8	+2.3	-1.0	31	+1	9	-2	42	-13	—	—	—	—
	KHARGA	1017.0	-2.9	—	—	0	0	17.1	+2.1	—	29	—	8	—	32	—	0	1	—	—
	ASWAN	1017.0	-1.8	+1.0	—	0	2	17.5	+3.8	+0.2	30	0	12	-1	26	-14	—	—	—	—
SOUTH SUDAN	WADI HALFA	1015.5	-2.5	-0.3	—	0	0	12.8	+0.4	-2.9	29	-1	7	-4	30	-5	—	—	—	—
	MEROWE	1013.8	-2.2	+0.1	NE	2	0	21.6	+2.0	+1.0	34	0	14	-2	20	-4	0	0	1	—
	ATBARA																			—
	KHARTOUM	1012.8	-1.4	+1.6	NNE	2	0	21.6	+1.6	-0.5	34	0	17	-1	18	-2	0	1	5	—
	PORT SUDAN	1014.6	-0.1	+1.2	N	4	0	24.6	+1.1	+0.6	27	-1	18	-1	70	+5	0	29	106	4
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1009.9	+0.3	+0.5	N	1	0	26.0	+1.0	+0.2	39	0	19	0	30	+2	0	33	39	—
	EL FASHER	1011.1	-2.3	—	NNW	1	0	18.5	+0.5	-0.8	~~34~~	-3	10	-4	18	-5	0	1	8	—
	EL OBEID																			—
	MALAKAL	1010.6	-1.2	+1.1	NNE	3	0	27.3	+1.3	-0.4	39	+1	18	-3	12	-12	0	103	95	—
	WAU																			—
	JUBA																			—

TEMP. F. C. 120 110 100 90 80 70 60 50 40 30 20 10 0

PRESS. Mm. Mb 775 770 765 760 755 750 745 740

Upper Wind Observations at Helwan at 8 h. 30 m.

Height (Metres)	Speed in knots per hour	Direction
500	15	SSE
1000	5	ESE
1500	5	SW
2000	10	WNW
3000	10	WNW

General Situation

The main depression is situated over the Adriatic. A depression now centred between Malta and Crete is approaching and the high pressure over Egypt is rapidly breaking down. There are also indications of a depression over the Libyan desert. The pressure system is much disturbed.

الحالة الجوية

يوجد الانخفاض الرئيسي الآن فوق الادرياتيك وهناك انخفاض بين مالطه وكريت وهو مقبل وقد أخذ الارتفاع الذي فوق مصر في الاضمحلال بسرعة وهناك ايضا ما يدل على وجود انخفاض فوق صحراء ليبيا وتوزيع الضغط مضطرب جدا.

Forecast for 24 hours from noon to-day.

On the coast light easterly winds, veering to south and freshening tomorrow. Inland light variable winds, becoming moderate southerly.
Much high cloud.
Remaining warm. Moderate khamsin conditions.

تغيرات الطقس المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح خفيفة شرقية على الساحل تتحول الى جنوبية وتشتد قليلا باكر
رياح خفيفة مختلفة الاتجاه في الداخل تصير نسبيا جنوبية
يكثر السحاب العالي - يسير الطقس دافئا وخمسينيا متوسطا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	75	+10	14.2	+1.8
Ezbekiya	48	-10	11.7	-0.7
Giza	54	-4	11.7	—
Helwan	27	-20	11.3	+0.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
8.3	730	826
7.3	730	854

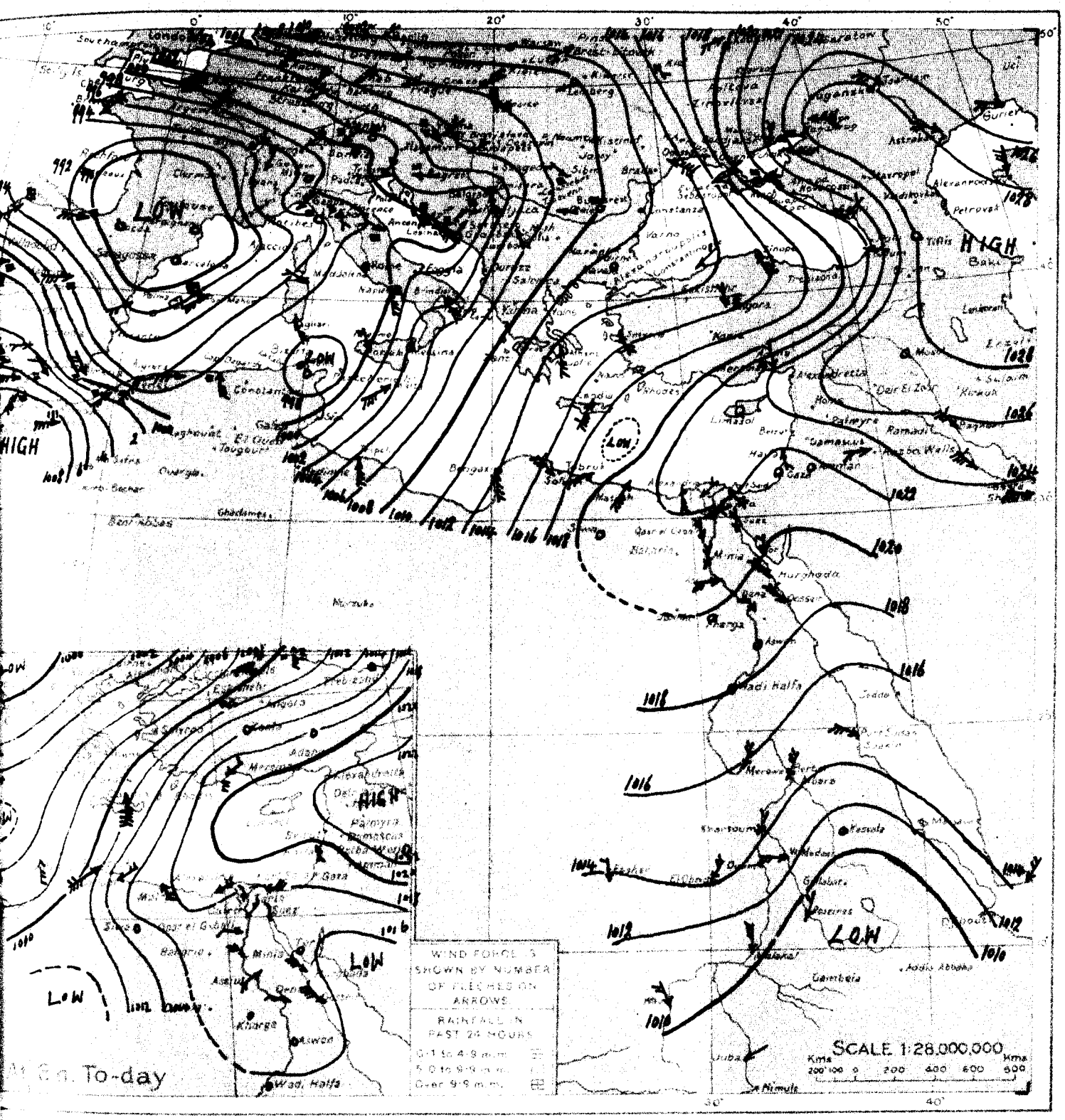
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	7.3	18.30	+0.05	13.26	+0.01
Nasser	6.3	4.72	-0.44	4.72	-0.44
Malakal	7.3	9.84	-0.46	9.84	-0.46
Roseires	7.3	11.27	-0.21	11.28	-0.21
Sennar Res.	6.3	19.53	—	19.58	—
Makwar	6.3	4.53	-0.75	4.53	-0.77
Khartoum	7.3	9.91	-0.40	9.89	-0.43
Kh. el Girba					
Atbara	7.3	9.75	-0.39	9.77	-0.37
Wadi Halfa	7.3	1.08	-0.60	1.10	-0.61
Aswan Res.	8.3	112.71	—	112.77	—
" D.S.	8.3	85.29	-0.20	85.29	-0.21
El Leithi	8.3	16.93	-0.39	16.97	-0.41
Roda (Cairo)	8.3	15.62	+0.06	15.60	+0.04

PRINTED AT THE SURVEY OF EGYPT 1930(29/559/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٧ Barometer and Wind at 8 h. Yesterday 7.3.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٤-٧ From Observations taken at 8 h. yesterday. 7.3.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	998.0	-11.4	-15.8	—	0	4	12	0	—	17	—	11	—	70	—	—	—	480	—
	MALTA	1003.3	-10.2	-11.9	SW	4	4	19	+6	—	18	+1	15	+5	40	—	0	360	368	2
	ATHENS	1014.3	-3.3	-1.1	S	3	4	14	+4	—	—	—	—	—	80	—	—	—	276	—
	CANDIA	1017.0	0.0	+0.7	SSW	5	4	19	+4	—	22	+6	12	+2	—	—	0	429	387	2
	LIMASSOL	1023.2	+3.0	+8.6	—	0	1	14	+1		18	-1	8	0	—	—	0	323	388	1
EGYPT and SUDAN	Atbara عطبرة	1014.6	-0.6	+2.1	NNE	3	0	21.5	+0.7	-1.5	32	-2	16	0	35	+15	0	0	1	—
	Kassala كسلا	1010.7	+0.7	+0.8	—	0	0	26.0	+3.5	+0.3	35	-2	20	+1	48	-2	0	0	11	—
	El Obeid الأبيض	1014.7	-0.5	+2.1	NE	2	3	19.9	+1.4	-2.1	32	-2	13	-1	26	+4	0	17	19	—
	Malakal ملكال	1011.8	-0.1	+2.2	N	4	0	24.0	+0.4	-1.5	37	-1	19	-2	9	-14	0	103	95	—
	Wau واو	1011.0	-0.1	+1.7	NW	2	0	26.0	+1.0	-1.2	37	-1	21	+1	16	-29	0	101	159	—
	Juba جوبا	—	—	—	ENE	—	3	23.5	-3.5	—	37	—	—	—	—	—	0	91	154	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 12 m

" " sunset 17 h 59 m

From Observations taken at 8 h. to-day.

Monday 9th March, 1931 ١٩٣١ الاثنين ٩ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal (yesterday)	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1008.6	-7.4	-8.5	WSW	4	4	19.8	+2.6	+6.2	~~24~~	—	15	—	36	-37	0	51	84	5
	MATRUH	1008.6	-8.8	-8.3	S	2	4	17.8	+4.5	+4.4	23	+3	12	+2	27	-47	0	165	145	1
	ALEXANDRIA	1011.5	-6.9	-4.8	SSE	1	4	16.6	-0.1	+1.7	25	+4	14	+2	61	-11	0	92	177	2
	PORT SAID	1011.8	-6.2	-3.0	SSE	2	3	17.1	+0.1	+1.7	20	0	13	0	54	-18	0	56	66	1
	GAZA	—	—	—	—	0	0	17.1	+3.2	+2.3	24	+3	12	+3	58	-13	0	231	349	—
	HAIFA	1011.5	-7.2	-2.5	—	0	4	20.0	+2.0	+3.9	21	0	13	+3	63	+1	0	649	608	3
LOWER EGYPT	TANTA	1011.6	-6.3	—	E	1	1	15.3	+1.9	—	29	—	12	—	54	—	0	32	—	—
	CAIRO EZBEKIYA	1011.5	-5.6	-4.8	SSE	1	3	15.8	+4.4	+3.2	29	+5	10	0	39	-33	0	16	25	—
	CAIRO GIZA	1011.8	-5.6	-5.4	SE	1	3	15.4	+6.7	—	30	+7	7	0	45	—	0	21	22	—
	CAIRO HELWAN	1012.2	-4.9	-4.5	ESE	2	4	19.4	+3.6	+6.6	29	+6	15	+5	16	-48	0	19	26	—
	SIWA	1007.8	-6.9	-9.2	—	0	2	14.2	+1.2	+2.0	—	—	6	-2	55	-9	0	35	5	—
RED SEA	SUEZ	1011.1	-5.2	-5.3	SE	1	2	15.0	+0.6	+0.3	24	+1	12	0	66	-8	0	27	19	0
	TOR	1012.6	-4.0	-2.8	N	2	2	20.1	+2.1	+3.2	27	+3	13	+1	66	+4	0	11	13	2
	HURGHADA	1012.0	-4.4	—	ESE	3	3	19.0	-1.0	—	27	—	13		48		0	0		1
	QOSSEIR	1012.4	-4.3	—	WSW	1	0	23.1	+0.9	—	26	—	17	—	49	—	0	15	—	0
UPPER EGYPT	GEBALI	1012.8	-4.7	-4.4	S	1	0	14.0	+1.0	+0.2	29	+5	9	+1	62	-5	0	17	—	—
	MINYA	1012.8	-5.2	—	NNE	1	0	13.5	+2.3	-0.2	29	+5	8	-1	63	-8	—	—	—	—
	ASYUT	1013.0	-4.8	-4.0	WSW	2	0	16.5	+2.3	+3.0	30	+4	12	+3	43	-17	0	7	—	—
	QENA	1012.4	-5.1	—	NNE	1	4	17.9	+3.1	+1.9	33	+3	13	+2	54	-1	—	—	—	—
	KHARGA	1014.9	-2.3	—	—	0	0	18.0	+0.9	—	32	—	11	—	24		0	1	—	—
	ASWAN	1012.0	-5.0	-3.8	—	0	4	21.0	+3.5	+3.5	34	+4	17	+4	28	-11	—	—	—	—
NORTH SUDAN	WADI HALFA	1011.6	-3.9	-4.1	—	0	2	16.2	+3.4	+0.3	33	+3	11	-1	40	+5			—	—
	MEROWE	1010.8	-3.0	-2.8	NE	1	0	23.6	+2.0	+2.8	36	+2	14	-2	18	-6	0	0	1	—
	ATBARA																			—
	KHARTOUM	1010.6	-2.2	-0.4	—	0	0	22.1	+0.5	-0.2	35	+1	17	-1	28	+8	0	1	5	—
EAST SUDAN	PORT SUDAN	1011.9	-2.7	-1.4	N	2	4	25.3	+0.7	+1.3	29	+1	22	+3	59	-6	0	29	106	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.6	-0.3	+0.3	—	0	0	27.0	+1.0	+1.0	40	+1	18	-1	31	+3	0	33	39	
SOUTH SUDAN	EL FASHER	1009.8	-1.3	—	NNW	1	0	20.0	+1.5	+0.5	37	+3	12	-2	25	+2	0	1	8	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — PRESS Mm. Mb.

Upper Wind Observations at Helwan at 8.45 h. m.

Height (metres)	Speed (knots)	Direction
500	20	S
1000	25	SW
1500	20	SW
2000	35	SW
3000	35	WSW

General Situation

Pressure over Egypt continues to fall. The depression which was west of Crete yesterday is now off Matruh. There is also a shallow depression near Siwa Oasis. The depression over northern Italy remains stationary.

الحالة العامة

يستمر الضغط على مصر فى الهبوط والانخفاض الذى كان أمس غرب كريت وصل الآن بالقرب من مطروح ويوجد أيضا انخفاض ضئيل على سيوه - وأما الانخفاض على شمال ايطاليا فلا يزال مرابطا هناك .

Forecast for 24 hours from noon to-day.

Moderate southerly winds, probably veering to west tomorrow.
Much high cloud.
Cooler tomorrow, but temperature remaining above normal. Conditions changeable.

تعبيرات للتنبؤ حصولها فى الطقس من ظهر اليوم الى ظهر الغد

رياح جنوبية معتدلة تتحول الى الغرب غدا
يكثر السحاب العالى - ويبرد الطقس بأكثر الوالد درجة الحرارة تظل فوق المعدل وحالة الجو متغيرة .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Air Temperature Mean of Day: Yesterday	Air Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	70	+5	15.6	+3.2
Ezbekiya	52	-6	12.5	0.0
Giza	76	+18	13.0	—
Helwan	24	-23	12.0	+1.6

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by gauges m 3 per sec

DATE	1931	1930
8.3	730	826
7.3	730	854

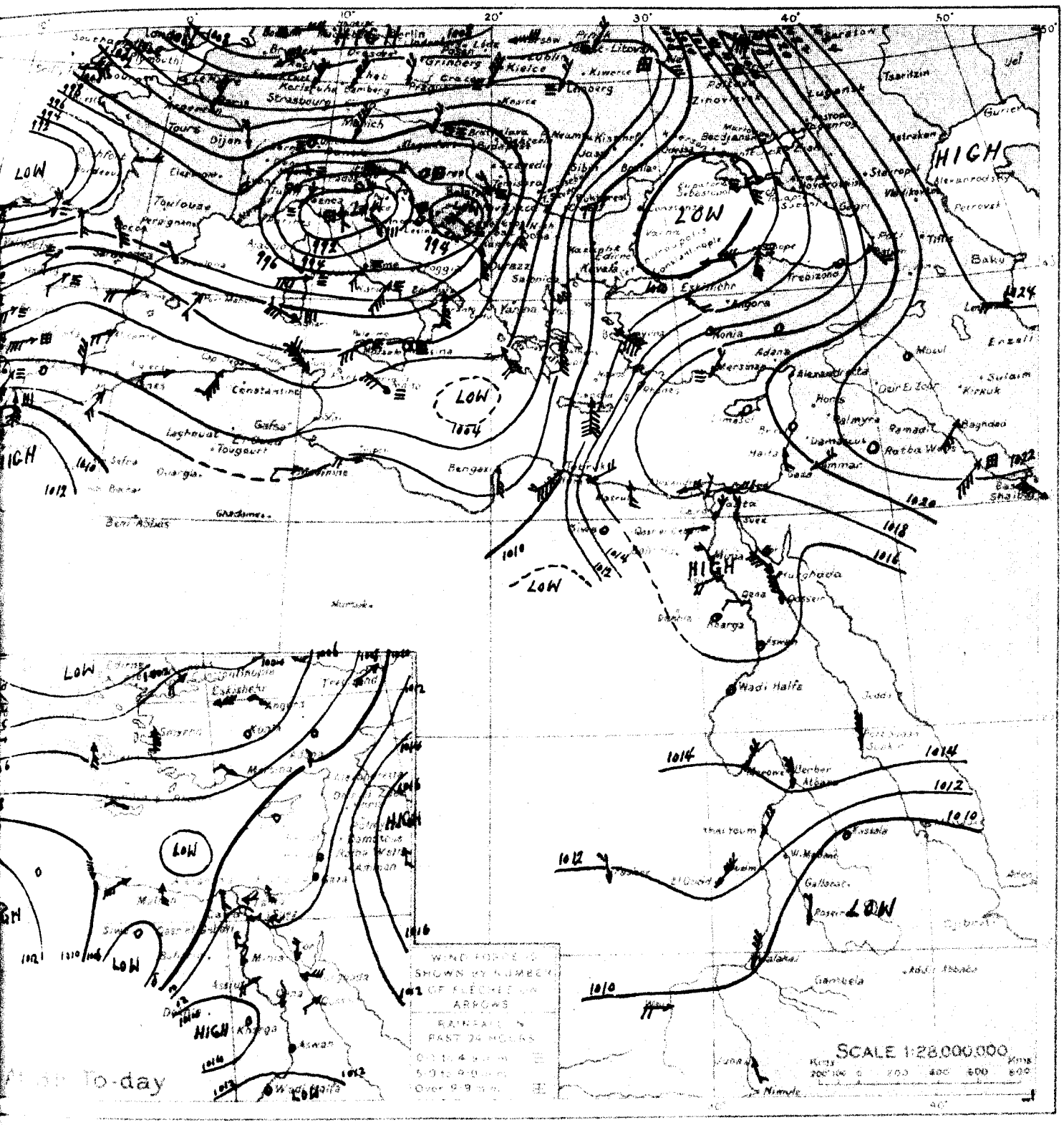
GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Previous day: Diff from normal
	1931	m.	m.	m.	m.
Juba	8.3	13.30	+0.05	13.30	+0.05
Nasser	8.3	4.70	-0.46	4.69	-0.47
Malakal	8.3	9.83	-0.45	9.84	-0.46
Roseires	9.3	11.24	-0.22	11.26	-0.21
Sennar Res.	8.3	19.41	—	19.47	—
Makwar	8.3	4.53	-0.74	4.53	-0.74
Khartoum	8.3	9.94	-0.36	9.91	-0.40
Kh. el Girba					
Atbara	8.3	9.74	-0.39	9.75	-0.39
Wadi Halfa	8.3	1.07	-0.58	1.08	-0.60
Aswan Res.	8.3	112.71	—	112.77	—
" D.S.	8.3	85.29	-0.20	85.29	-0.39
El Leithi	9.3	16.93	-0.37	16.93	-0.37
Roda (Cairo)	9.3	15.62	+0.06	15.62	+0.06

PRINTED AT THE SURVEY OF EGYPT 1929(29/599/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣-٨ Barometer and Wind at 8 h. Yesterday 8-3-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣-٨ From Observations taken at 8 h. yesterday 8-3-1931

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Max. yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	995.5	-2.5	-18.1	SW	2	4	19	+7	—	18	—	12	—	90	—	1	—	483	—
MALTA	1004.3	+1.0	-10.9	NW	4	0	15	-4	—	23	+6	13	+3	60	—	drops	360	369	2
ATHENS	1007.4	-6.9	-7.8	S	5	3	18	+4	—	—	—	—	—	40	—	—	—	277	—
CANDIA	1011.1	-5.9	-5.2	S	9	4	19	0	—	23	+7	17	+7	—	—	0	429	388	7
LIMASSOL	1019.6	-3.6	+5.0	—	0	3	12	-2		18	-1	7	-1	—	—	0	323	390	3
Atbara عطبرة	1015.2	+0.6	+2.7	N	2	0	21.0	-0.5	-2.1	34	0	14	-2	41	+22	0	0	1	—
Kassala كسلا	1009.5	-1.2	-0.3	—	0	0	23.5	-2.5	-2.4	37	0	16	-3	49	-1	0	0	11	—
El Obeid الأبيض	1012.7	-2.0	+0.2	NE	4	0	19.7	-0.2	-2.4	34	0	14	0	43	+21	0	17	19	—
Wau واو	1009.6	-1.4	+0.3	W	2	0	27.0	+1.0	-0.2	40	+2	19	-1	23	-22	0	101	159	—
Juba جوبا	—	—	—	SSE	—	2	25.5	+2.0	—	37	—	—	—	48	—	0	91	155	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 11

" " sunset 18 00

From Observations taken at 8h. to-day.

Tuesday 10th March, 1931 — ١٩٣١ الثلاثاء ١٠ مارس

	STATION	Barometer Reduced to 32° Fahr.	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8h.	Humidity Diff. from normal	Rainfall Last 24 hours	Rainfall Since 1st Jan.	Rainfall Same date last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.6	+4.0	-4.5	NNW	2	0	13.2	-6.6	-0.5	—		10		85	+12	0	51	84	4
	MATRUH	1011.9	+3.3	-4.9	NNW	5	3	15.8	-2.0	+2.3	30	+10	15	+5	84	+10	0	165	145	5
	ALEXANDRIA	1009.6	-1.9	-6.6	NW	6	3	16.6	0.0	+1.6	30	+9	15	+3	81	+10	0	92	177	4
	PORT SAID	1007.0	-4.8	-7.8	WSW	3	0	18.0	+0.9	+2.5	25	+4	16	+3	61	-11	Rain	56	66	2
	GAZA	—	—	—	—	0	0	21.4	+4.3	+6.5	31	+10	15	+6	47	-24	0	231	349	
	JAFFA	1007.4	-4.1	-6.6	—	0	0	21.6	+1.6	+5.4	23	+1	15	+5	66	+4	0	649	609	3
OWAIS EGYPT	TANTA	1008.8	-2.8		SW	3	2	15.9	+0.6		30		10		83		0	32		
	SHEBEEN EL KOM	1010.3	-1.2	-5.9	WNW	2	4	15.7	-0.1	+3.0	29	+5	12	+2	82	+10	0	16	25	
	GIZA	1010.2	-1.6	-6.9	WNW	2	3	15.9	+0.5	—	28	+5	9	+1	85	—	0	21	22	
	HELWAN	1009.9	-2.3	-6.7	NW	2	4	14.2	-5.2	+1.3	30	+7	12	+1	88	+24	0	19	26	
	SIWA	1014.4	+6.6	-2.5	—	0	0	13.1	-1.1	+0.8	—	—	—	—	66	+2	0	35	5	
RED SEA	SUEZ	1007.2	-3.9	-9.1	S	2	0	19.3	+4.3	+4.5	25	+2	15	+3	78	+4	0	27	19	2
	TOR	1009.1	-3.5	-6.2	—	0	0	22.0	+1.9	+5.0	31	+7	15	+3	82	+20	0	11	13	0
	HURGHADA	1008.7	-3.3		N	4	0	21.6	+2.6		29		13		69		0	0		2
	QUSSEIR	1009.3	-3.1		SSW	1	0	22.7	-0.4		30		18		45		0	15		0
[illegible]	[illegible]	1011.8	-1.0	-5.3	NW	2	0	17.0	+3.0	+3.0	28	+4	10	+2	72	+5	0	17		
	[illegible]	1012.6	-0.2		WNW	3	0	15.0	+1.5	+1.2	31	+6	11	+2	75	+4				
	[illegible]	1013.3	+0.3	-3.6	WNW	2	0	15.8	-0.7	+2.1	33	+7	14	+5	53	-7	0	7		
	[illegible]	1011.0	-1.4		WSW	6	0	20.4	+2.5	+4.2	35	+5	12	+1	[illegible]	-34				
	[illegible]	1011.9	-2.8		NNW	1	0	20.4	+2.4		34		10		36		0	1		
	[illegible]	1011.2	-0.8	-4.6	—	0	0	21.7	+0.7	+4.0	36	+6	16	+3	38	-1				
	[illegible]	1012.2	+0.6	-3.4	—	0	0	16.6	+0.4	+0.5	37	+6	12	0	26	-9				
	[illegible]	1011.8	+1.0	-1.7	NE	1	0	24.6	+1.0	+3.6	38	+4	16	0	26	+2	0	0	1	
	[illegible]	—	—	—	N	2	0	25.0	+1.5	+1.5	37	+2	18	+2	40	+21	0	0	1	
	[illegible]	1011.8	+1.2	+0.8	N	1	0	22.1	0.0	-0.4	37	+3	19	+1	26	+6	0	1	5	
	[illegible]	1011.6	-0.3	-1.6	S	1	0	26.8	+1.5	+2.7	28	0	21	+2	81	+16	0	29	106	1
	[illegible]	1008.3	-1.3	-0.9	—	0	0	27.5	+0.5	+1.3	42	+3	18	-1	24	-4	0	33	39	
	[illegible]	1010.4	+0.6		NNW	1	0	20.0	0.0	+0.4	40	+6	13	-1	18	-5	0	1	8	
	[illegible]	1009.3	-0.2	-0.2	NE	3	0	32.0	+4.2	+4.1	41	+2	21	0	8	-16	0	103	96	
	[illegible]	1008.2	-1.2		SSW	—	0	27.5	-1.5		39		—		50		0	91	157	

General Situation

9 15 The depression passed north of the Delta early this morning and is now situated near Cyprus. Pressure in Egypt has risen rapidly.

قد مر الانخفاض بشمال الدلتا في الصباح المبكر وهو الآن بالقرب من قبرص وقد ارتفع الضغط بسرعة فوق مصر

500 25 WNW

1000
1500
2000
2500

Forecast for 24 hours from noon to day

Moderate to fresh northwest winds.
Some medium cloud.
Temperature about normal.

رياح شمالية غربية بين المعتدلة والشديدة نوعا
بعض سحب المتوسط الارتفاع
درجة الحرارة حوالى المعدل

STATION	Humidity Mean of day	Humidity Diff. from normal	Temperature Mean of day	Temperature Diff. from normal
	%	%	°C	°C
Alexandria	53	-12	15.0	+2.5
Ezbekiya	33	-25	13.3	+0.7
Giza	32	-26	13.0	—
Helwan	7	-40	11.8	+1.3

NOTE. A dash means that figures are not available.

Terms of Subscription By mail and Post PT.100 annually
" " Abroad PT.150

Remarks

Discharges at Assuan measured by sluices in c.s. per sec.

DATE	1931	1930
9-3	731	808
8-3	730	826

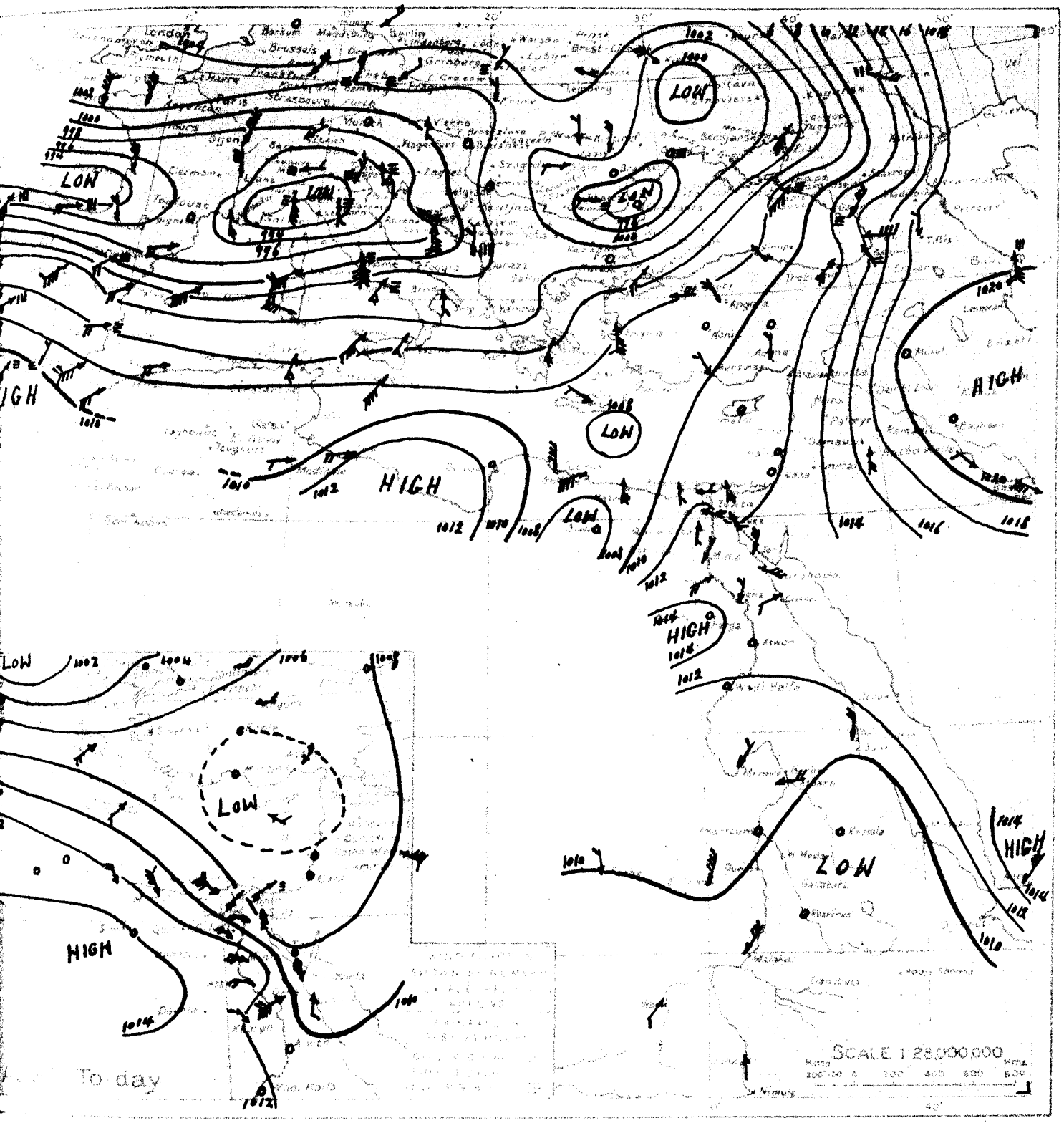
STATION	Reading	Rise	Diff. from normal	Reading	Rise
		m	m	m	m
Juba	9-3	13.29	+0.05	13.30	+0.05
Nasser	8-3	4.70	-0.46	4.69	-0.47
Malakal	9-3	9.82	-0.45	9.83	-0.45
Roseires	10-3	11.23	-0.22	11.24	-0.22
Sennar Res.	9-3	19.34	—	19.41	—
Makwar	9-3	4.53	-0.74	4.53	-0.74
Khartoum	10-3	9.96	-0.32	9.95	-0.34
Kh. el Girba					
Atbara	10-3	9.76	-0.36	9.74	-0.39
Wadi Halfa	9-3	1.08	-0.56	1.07	-0.58
Aswan Res.	9-3	112.65	—	112.71	—
" D.S.	9-3	85.28	-0.20	85.29	-0.20
El Leithi	10-3	16.93	-0.36	16.93	-0.37
Roda (Cairo)	10-3	15.60	+0.04	15.62	+0.06

PRINTED AT THE SURVEY OF EGYPT 1926/25/559/(1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣-٩ Barometer and Wind at 8 h. Yesterday 9-3-1931



WIND VELOCITY

	Km/h	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	19-25	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
Cloudy	1
Cloudy	2
Cloudy	3
Fog or hazy	4
Rain	5
Snow	6
Sleet	7
Mist	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

١٩٣١ -٣-٩ From Observations taken at 8 h yesterday 9-3-1931

	Barometer to Sea Level	Temp. Air	Dew Point	Wind Direction	Force	Sky	Air Max.	Air Min.	Sea Surface	Sea Surface Diff. from normal	Air Max.	Air Min.	Air Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Day	Rainfall Month	Rainfall Year	Sea
	mm	°C	°C				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
ROME	999.6	+4.1	-13.9	S	8	4	13	-6	—	15	—	11	—	80	—	1	—	485	—
MALTA	1008.0	+3.7	-7.2	SSW	4	2	14	-1	—	17	0	12	+2	90	—	0	360	370	1
ATHENS	1006.0	-1.4	-9.2	SSW	2	3	13	-5	—	—	—	—	—	80	—	—	—	278	—
CANDIA	1008.3	-2.8	-8.0	WNW	1	3	17	-2	—	20	+4	15	+5	—	—	0	429	390	2
LIMASSOL	1011.6	-8.0	-2.8	—	0	3	14	+2		19	0	9	+1	—	—	0	323	391	4
Atbara عطبرة	—	—	—	E	2	0	23.5	+2.5	+0.2	35	0	17	+1	42	+23	0	0	1	—
Kassala كسلا	1009.4	-0.1	-0.4	—	0	0	23.5	0.0	-2.5	32	-5	16	-3	19	-30	0	0	11	—
El Obeid الأبيض	1010.3	-2.4	-2.1	NNE	4	0	23.8	+4.1	+1.5	36	+2	13	-1	20	-2	0	17	20	—
Malakal ملكال	1009.5	-1.1	0.0	NE	3	0	27.8	+0.5	0.0	40	+2	18	-3	8	-16	0	103	95	—
Wau واو	1008.3	-1.3	-0.9	SW	1	0	27.0	0.0	-0.3	40	+2	21	+1	34	-11	0	101	160	—
Juba جوبا	1009.4	—	—	SSE	—	2	29.0	+3.5	—	40	—	—	—	49	—	0	91	156	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 10 m

" sunset 18 h 01 m

From Observations taken at 8 h. to-day.

Wednesday 11th March, 1931 ١٩٣١ الأربعاء ١١ مارس

STATION	Barometer: Pressure at Sea-Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Last 24 hours	Rainfall: From 1st Oct.	Rainfall: From 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN SOLLUM	1014.6	+2.0	-2.4	WNW	2	3	15.7	+2.5	+2.0	28	—	12	—	51	-22	0	51	85	4
MATRUH	1014.2	+2.3	-2.5	WSW	4	2	17.6	+1.8	+4.0	18	-2	13	+3	47	-27	0	165	146	2
ALEXANDRIA	1015.1	+5.5	-1.1	SW	3	0	16.3	-0.3	+1.3	21	0	13	+1	51	-20	0	92	178	0
PORT SAID	1015.1	+8.1	+0.4	WSW	2	1	16.2	-1.8	+0.6	22	+1	13	0	64	-8	0	56	66	3
GAZA	—	—	—	S	1	1	15.5	-5.9	+0.5	29	+8	13	+4	82	+11	0	231	350	
HAIFA	1011.4	+4.0	-2.5	—	0	4	18.9	-2.7	+2.6	28	+6	15	+5	71	+9	0	649	610	2
TANTA	1015.8	+7.0		--	0	0	14.4	-1.5		23		9		63		0	32		
ZAGAZIG	1016.7	+6.4	+0.6	S	2	0	14.8	-0.9	+2.0	25	+1	12	+2	51	-21	0	16	25	
MINIA	1017.0	+6.8	0.0	S	3	0	14.8	-1.1	—	24	+1	10	+2	69	—	0	21	22	
HELWAN	1017.8	+7.9	+1.3	SE	2	0	14.0	-0.2	+0.9	23	0	11	0	57	-7	0	19	26	
ASWAN	1015.8	+1.4	-1.0	—	0	0	13.0	-0.1	+0.5	—	—	9	+1	68	+4	0	35	5	
RED SEA SUEZ	1015.5	+8.3	-0.7	S	3	0	17.5	-1.8	+2.6	29	+6	12	0	70	-4	0	27	20	2
TOR	1015.6	+6.5	+0.4	NNW	3	0	22.0	0.0	+4.9	29	+5	16	+4	63	+1	0	11	13	3
HURGHADA	1015.8	+7.1		NW	5	0	20.8	-0.8		27		10		43		0	0		3
QUSEIR	1015.4	+6.1		N	6	0	22.5	-0.2		33		19		41		0	15		7
[illegible]	1018.3	+6.5	+1.3	SW	1	0	14.5	-2.5	+0.4	26	+2	9	+1	57	-10	0	17		
[illegible]	1018.6	+6.0		NNW	2	0	12.7	-2.3	-1.2	26	+1	9	0	71	0				
[illegible]	1019.2	+5.9	+2.4	W	2	0	16.8	+1.0	+3.0	26	0	11	+1	56	-4	0	7		
[illegible]	1017.0	+6.0		WNW	2	0	17.2	-3.2	+0.7	31	+1	12	+1	55	+1				
[illegible]	1017.2	+5.3		—	0	0	20.0	-0.4		30		12		47		0	1		
[illegible]	1016.3	+5.1	+0.6	N	1	0	18.5	-3.2	+0.6	33	+3	15	+2	36	-3				
[illegible]	1016.3	+4.1	+0.8	—	0	0	15.4	-1.2	-0.9	34	+3	11	-1	34	0				
[illegible]	1013.5	+1.7	+0.1	NE	3	0	22.6	-2.0	+1.5	38	+3	18	+2	25	+1	0	0	1	
[illegible]	1012.4	+0.6	+1.6	NNE	2	0	22.1	0.0	-0.5	36	+2	17	-1	17	-3	0	1	5	
[illegible]	1012.7	+1.1	-0.5	N	1	0	26.6	-0.2	+2.4	30	+2	21	+1	83	+18	0	29	106	1
[illegible]	1009.0	+0.7	-0.6	—	0	0	27.0	-2.0	+0.7	38	0	19	0	34	-15	0	0	11	
[illegible]	1007.4	-0.9	-1.7	NNE	1	0	26.5	-1.0	+0.1	41	+2	20	+1	40	+12	0	33	39	
[illegible]	1012.7	+2.3		WSW	1	0	19.0	-1.0	-0.8	40	+5	10	-4	19	-4	0	1	8	
[illegible]	1008.8	-0.5	-0.6	NNE	4	0	28.9	-3.1	+0.9	42	+3	20	-1	3	-22	0	103	96	
[illegible]	1007.0	-0.5	-2.1	NW	2	0	28.0	-1.0	+0.7	43	+5	22	+1	22	-24	0	101	162	
[illegible]	1007.9	-0.3		ESE	—	2	28.5	+1.0		42		—		45		0	91	158	

8 45 Upper Egypt is now an area of high pressure. The depression is now passing over the Syrian desert to Iraq, but north of Egypt the pressure remains low. A deep depression is situated over Italy.

صار الصعيد الآن منطقة ضغط مرتفع ويسير الانخفاض الآن على صحراء الشام نحو العراق - وأما الضغط في شمال مصر فلا يزال منخفضا - ويوجد انخفاض عميق على ايطاليا.

15	WSW
30	W
30	W
45	WNW
60	NW

Forecast for 24 hours from noon to-day.

Fresh winds, between south and west, moderating tomorrow.
Some high cloud.
Slightly warmer tomorrow.

رياح نسيمية ما بين الجنوب والغرب تخف قوتها غدا.
تظهر بعض السحب العالي - ويرتفع الطقس قليلا بكرة.

STATION	Humidity: Mean of Day	Humidity: Diff. from normal	Temperature: Mean of Day	Temperature: Diff. from normal
	%	%	°C	°C
Alexandria	80	+15	15.2	+2.7
Ezbekiya	64	+6	15.1	+2.5
Giza	69	+11	14.2	—
Helwan	64	+17	13.5	+2.9

NOTE. A dash means that figures are not available.

Terms of Subscription By inland post P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by Sudan Irrig. Dept.

DATE	1931	1930
10.3	732	791
9.3	731	808

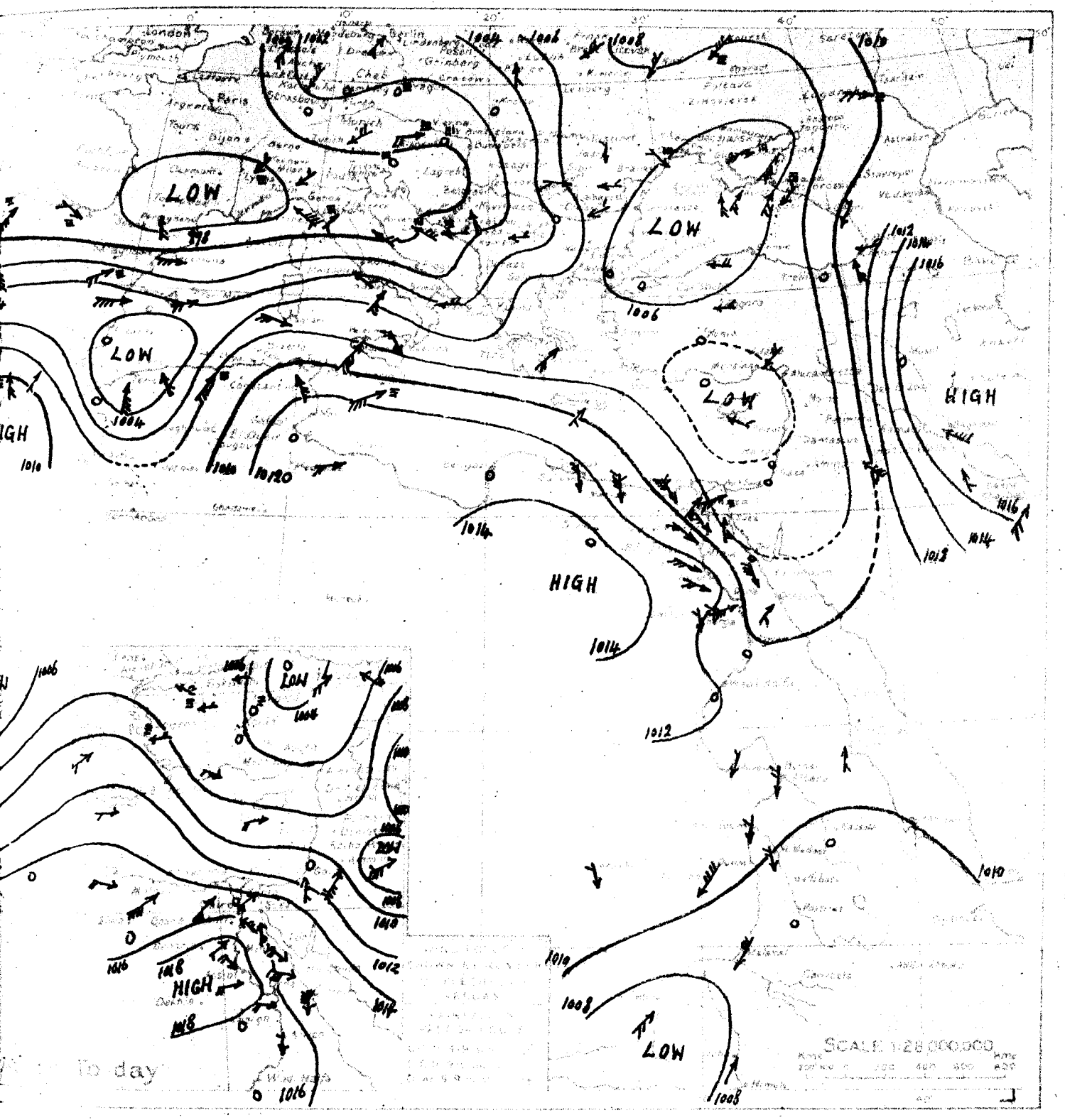
Station	Gauge	Reading	Diff. from normal	Rise	
	m	m	m	m	m
Juba	10.3	13.28	+0.04	13.29	+0.05
Nimule	8.3	4.70	-0.46	4.69	-0.47
Mongalla	10.3	9.82	-0.44	9.82	-0.45
Bor	11.3	11.22	-0.22	11.23	-0.22
Sennar Res.	10.3	19.28	—	19.34	—
Makwar	10.3	4.52	-0.75	4.53	-0.74
Khartoum	10.3	9.96	-0.32	9.95	-0.34
Kh. el Girba	10.3				
Atbara	11.3	9.76	-0.35	9.76	-0.36
Wadi Halfa	10.3	1.11	-0.52	1.08	-0.56
Aswan Res.	10.3	112.61	—	112.65	—
" D.S.	10.3	85.27	-0.20	85.[illegible]	-0.20
El Lelli	11.3	16.93	-0.35	16.[illegible]	-0.36
Roda (Cairo)	11.3	15.60	+0.04	15.[illegible]	+0.04

PRINTED AT THE SURVEY OF EGYPT (320(33/339)) 1930 (50/536)

PHYSICAL DEPARTMENT.

REPORT.

Barometer and Wind at 8 h. Yesterday 10.3.31.



From Observations taken at 8 h. yesterday 10.3.31.

	Barometer Reduced to 0° Sea Level	Barometer Departure from Normal	Barometer Tendency	Wind Direction	Wind Force	Sky	Temperature Dry Bulb	Temperature Departure from Normal	Temperature Wet Bulb	Temperature Dry Bulb	Temperature Departure from Normal	Temperature Wet Bulb	Humidity	Humidity Departure from Normal	Rainfall	Rainfall	Rainfall	Sea
Cairo	1003.4	+3.8	-10.0	SE	1	4	14	+1		17	—	12	—	70	—	—	487	—
Alexandria	1010.7	+2.7	-4.5	WSW	4	0	16	+2		21	+4	14	+4	70		trace	360	371	1
Tunis	1006.6	+0.6	-8.5	SW	2	4	14	+1		—	—	—	—	60		—		279
Candia	1009.6	+1.3	-6.7	SW	1	3	16	-1		22	+6	11	+1	—		0	429	391	2
Massoul	1006.8	-4.8	-7.6	SE	1	3	16	+2		23	+4	10	+2			0	323	393	4
Kassala	1008.3	-1.1	-1.4	—	0	0	29.0	+5.5	+2.8	38	0	17	-2	7	-42	0	0	11	—
Wad Medani	—	—	—	N	2	0	25.5	+0.5	+1.2	38	0	17	-1	11	-12	0	8	13	—
El Obeid	1010.7	+0.4	-1.6	NE	4	0	26.2	+2.4	+3.7	39	+4	13	-1	14	-8	0	17	20	—
Wau	1007.5	-0.8	-1.6	SW	2	1	29.0	+2.0	+1.7	42	+4	19	-1	19	-27	0	101	161	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 08 m

" " sunset 18 h 01 m

From Observations taken at 8 h. to-day.

Thursday 12th March, 1931 — ١٩٣١ الخميس ١٢ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C		°C	°C	°C	%		m.m	m.m.	m.m	
MEDITERRANEAN	SOLLUM	1015.5	+0.9	-1.5	WSW	3	0	20.1	+4.4	+6.3	[illegible]	—	14	—	40	-33	0	51	85	5
	MATRUH	1017.2	+3.0	+0.5	SW	4	0	19.3	+1.7	+5.6	22	+2	13	+3	50	-24	0	165	146	2
	ALEXANDRIA	1019.6	+4.8	+3.5	S	1	0	14.7	-1.6	-0.4	22	+1	12	0	73	+2	0	92	178	3
	PORT SAID	1019.5	+4.4	+4.8	SSW	2	8	15.6	-0.6	-0.1	26	+5	13	0	91	+19	0	56	67	2
	GAZA	—	—	—	—	0	2	15.4	-0.1	+0.3	23	+2	11	+2	86	+15	0	231	351	—
	HAIFA	1017.8	+6.4	+3.9	—	0	0	20.2	+1.3	+3.8	26	+4	15	+5	67	+5	0	649	611	2
LOWER EGYPT	TANTA	1019.5	+3.7	—	SE	1	0	13.5	-0.9	—	27	—	10	—	89	—	0	32	—	—
	EZBEKIYA	1019.9	+3.2	+3.9	—	0	0	14.6	-0.2	+1.6	30	+6	11	+1	68	-4	0	16	25	—
	GIZA	1019.6	+2.6	+2.7	—	0	0	14.0	-0.8	—	28	+4	6	-2	71	—	0	21	22	—
	BIHELWAN	1020.0	+2.2	+3.5	—	0	0	16.4	+2.4	+3.1	28	+5	12	+1	40	-24	0	19	26	—
	SIWA	1018.3	+2.5	+1.5	—	0	0	17.0	+4.0	+4.4	—	—	10	+2	61	-3	0	35	5	—
RED SEA	SUEZ	1018.7	+3.2	+2.6	N	2	0	15.0	-2.5	+0.1	25	+2	12	0	70	-4	0	27	20	1
	TOR	1017.4	+1.8	+2.3	NNW	4	0	20.0	-2.0	+2.7	28	+4	15	+3	82	+20	0	11	13	4
	HURGHADA	1018.2	+2.4	—	WNW	5	0	22.5	+1.7	—	28	—	14	—	40	—	0	0		3
	QOSSEIR	1017.6	+2.2	—	NW	5	0	24.3	+1.8	—	25	—	19	—	36	—	0	15	—	3
UPPER EGYPT	GEBALI	1020.3	+2.0	+3.3	NW	1	0	15.5	+1.0	+1.3	30	+5	10	+2	63	-3	0	17	—	—
	MINYA	1020.2	+1.6	—	NW	2	0	14.5	+1.8	+0.5	29	+4	10	+1	75	+4			—	—
	ASSIUT	1020.2	+1.0	+3.5	W	2	0	16.3	-0.5	+2.3	28	+2	12	+2	54	-6	0	7	—	—
	QENA	1019.2	+2.2	—	WNW	1	0	18.7	+1.5	+2.0	33	+3	14	+2	46	-7	—		—	—
	KHARGA	1018.6	+1.4	—	—	0	0	19.6	-0.4	—	30	—	10	—	41	—	0	1	—	—
	ASWAN	1018.4	+2.1	+2.8	—	0	0	19.0	+0.5	+1.0	32	+2	15	+2	37	-1	—	—	—	—
[illegible]	[illegible]	1016.8	+0.5	+1.3	—	0	0	17.0	+1.6	+0.6	29	-2	13	+1	34	0	—	—	—	—
	[illegible]	1013.9	+0.4	+0.6	NE	3	0	21.6	-1.0	+0.3	35	0	16	0	26	+2	0	0	1	—
	ASSALA																			—
	[illegible]	1011.6	-0.8	+0.9	NNE	3	0	22.0	-0.1	-0.8	36	+1	17	-1	12	-8	0	1	5	—
	PORT [illegible]	1014.7	+2.0	+1.6	NW	4	0	24.7	-1.9	+0.3	30	+2	20	0	64	-1	0	29	106	4
	[illegible]																			—
	ABU MEDINA																			—
	[illegible]	1006.8	-0.6	-2.2	N	1	0	26.0	-0.5	-0.6	41	+2	19	0	42	+14	0	33	39	—
	[illegible]	1013.8	+1.1		WNW	1	0	18.0	-1.0	-1.9	37	+2	8	-6	20	-3	0	1	8	—
	[illegible]	1011.8	-0.9	-0.3	NE	4	0	20.4	-1.5	-2.5	36	+1	12	-3	19	-3	0	17	20	—
	[illegible]	1007.8	-1.0	-1.6	N	5	0	27.8	-1.1	-0.3	41	+2	21	0	3	-22	0	103	96	—

TEMP. F C — PRESS. Mm. Mb.

General Situation

8 30

The high pressure over Egypt has strengthened and the depression, now situated between Malta and Crete, is filling up, but there is still a sharp gradient of pressure from Egypt to the central Mediterranean.

الحالة العامة

قد ازداد الارتفاع الجوي فوق مصر وأخذ الانخفاض الذي يوجد الآن بين مالطة وكريت في الامتلاء ولكنه لا يزال انحدار الضغط كبيرا من مصر نحو أواسط البحر الابيض

[illegible]	5	SE
[illegible]	20	NNW
[illegible]	50	N
[illegible]	50	N

Forecast for 24 hours from noon to-day.

Winds between south and west, light inland, moderate on the coast.
Clear or occasional high cloud.
Remaining warm.

توقعات الطقس خلال ٢٤ ساعة من ظهر اليوم الى ظهر غد

رياح بين جنوبية وغربية خفيفة في الداخل ومعتدلة على الساحل
السماء صحو أو يظهر بها بعض السحاب العالي أحيانا
يستمر الطقس دافئا للدرجة

STATION	Humidity: Noon of Day		Air Temp.: Noon of Day	
	Yesterday	Diff from normal	Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	64	-1	14.2	+1.6
Ezbekiya	48	-10	13.8	+1.1
Giza	54	-2	14.3	—
Helwan	40	-6	12.7	+2.1

NOTE. A dash means that figures are not available.

Terms of Subscription Inland Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Sennar measured by gauges m.s. per sec.		
DATE	1931	1930
11-3	730	784
10-3	732	791

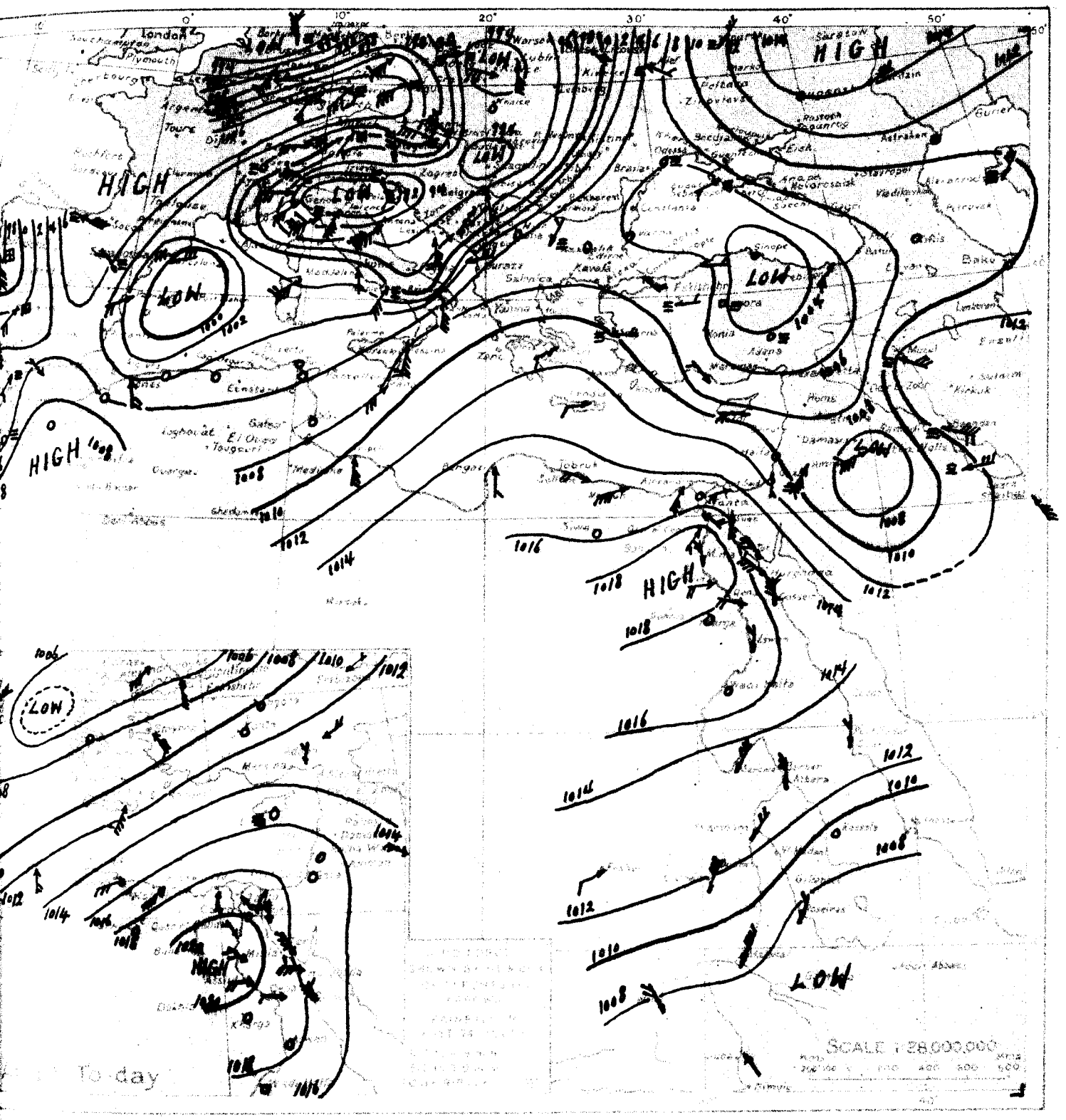
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous day: Reading m	Previous day: Diff. from normal m
Jebel	11-3	13.32	+0.08	13.28	+0.04
Nasser	10-3	4.68	-0.48	4.68	-0.48
Marakal	11-3	9.79	-0.46	9.82	-0.44
Roseires	12-3	11.21	-0.21	11.22	-0.22
Sennar Res.	11-3	19.22	—	19.28	—
Makwar	11-3	4.52	-0.75	4.52	-0.75
Khartoum	11-3	9.93	-0.34	9.96	-0.32
Kh. el Girbal					
Atbara	11-3	9.76	-0.35	9.76	-0.36
Wadi Halfa	12-3	1.15	-0.46	1.12	-0.50
Aswan Res.	11-3	112.52	—	112.61	—
" D.S.	11-3	86.29	-0.17	85.27	-0.26
El Lethi	12-3	16.93	-0.34	16.93	-0.35
Roda (Cairo)	12-3	15.60	+0.03	15.60	+0.04

PRINTED AT THE SURVEY OF EGYPT 1320(29/639/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١١ - ٣ - ١٩٣١ Barometer and Wind at 8 h. Yesterday 11 - 3 - 1931



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Rough	2
Moderate	3
Rough	4
Very rough	5
Hail	6
Very high	7
Precipitous	8
Confused	9

١١ - ٣ - ١٩٣١ From Observations taken at 8 h yesterday 11 - 3 - 1931

STATION	Barometer: Reduced to Sea Level	Barometer: Change in 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: Max.	Temperature: Min.	Temperature: Max.	Temperature: Min.	Temperature: Max.	Temperature: Min.	Temperature: Max.	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1001.9	-1.5	-11.4	S	3	4	14	0	—	18	—	12	—	80	—	—	—	489	—
MALTA	1008.0	-2.7	-7.2	SSW	3	4	17	+1	—	21	+4	14	+4	70	—	0	360	372	1
ATHENS	1010.4	+3.8	-4.6	WSW	1	4	14	0	—	—	—	—	—	70	—	—	—	280	—
CANDIA	1012.7	+3.1	+3.6	W	1	1	19	+3	—	24	+7	13	+3	—	—	0	429	392	1
LIMASSOL	1008.2	+1.4	-6.2	W	2	1	17	+1		23	+4	11	+3	—	—	0	394	394	4
Atbara	—	—	—	N	4	0	24.5	-0.5	+0.9	38	+3	18	+2	36	+17	0	0	1	—
El Obeid	1012.7	+2.0	+0.5	NNE	3	0	21.9	-4.3	-0.8	39	+4	13	-1	21	-1	0	17	20	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 07 m

" " sunset 18 h 02 m

From Observations taken at 8 h. to-day.

Friday 13th March, 1931 ١٩٣١ الجمعه ١٣ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Total last year to date	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.2	-2.8	-4.3	WSW	4	1	20.2	+0.1	+6.2	23	—	16	—	66	-6	0	51	86	4
	MATRUH	1018.8	+1.6	+2.2	WSW	1	0	22.2	+2.9	+8.4	34	+14	18	+8	44	-30	0	165	147	1
	ALEXANDRIA	1020.7	+1.1	+4.7	S	1	3	21.4	+6.7	+6.2	32	+11	14	+2	38	-33	0	92	179	2
	PORT SAID	1021.0	+1.5	+6.4	SSW	2	3	19.2	+3.6	+3.4	24	+3	15	+2	55	-16	0	56	67	1
	GAZA	—	—	—	SW	1	0	17.1	+1.7	+1.9	25	+4	12	+3	68	-2	0	231	352	
	HAIFA	1019.6	+1.8	+5.8	—	0	0	17.3	-2.9	+0.8	22	0	15	+5	76	+14	0	649	611	1
LOWER EGYPT	TANTA	1021.1	+1.6	—	SE	1	2	19.3	+5.8	—	29	—	14	—	51	—	0	32	—	—
	CAIRO EZBEKIYA	1020.7	+0.8	+4.8	ESE	1	1	17.2	+2.6	+4.1	28	+4	13	+3	39	-32	0	16	25	—
	CAIRO GIZA	1021.1	+1.5	+4.3	ESE	1	2	19.8	+5.8	—	29	+5	9	+1	40	—	0	21	23	—
	CAIRO HELWAN	1021.0	+1.0	+4.6	—	0	0	21.8	+5.4	+8.4	28	+5	18	+7	20	-44	0	19	26	—
	SIWA	1019.5	+1.2	+2.8	—	0	0	18.0	+1.0	+5.2	—	—	11	+3	53	-10	0	35	5	—
RED SEA	SUEZ	1020.4	+1.7	+4.3	—	0	0	19.0	+4.0	+4.0	26	+3	13	+1	50	-24	0	27	20	1
	TOR	1019.4	+2.0	+4.4	—	0	0	20.0	0.0	+2.6	28	+4	12	0	75	+7	0	11	13	0
	HURGHADA	1019.5	+1.3	—	NNW	5	0	23.8	+1.3	—	27	—	15		19		0	0		3
	QOSSEIR	1019.6	+2.0	—	NNW	4	0	25.0	+0.7	—	27	—	20	—	39		0	15		2
UPPER EGYPT	GEBALI	1021.9	+1.6	+5.0	NW	1	0	16.0	+0.5	+1.7	29	+4	12	+3	57	-9	0	17		
	MINYA	1021.4	+1.2	—	N	3	0	15.2	+0.7	+1.1	29	+4	11	+1	71	+1				
	ASYUT	1021.1	+0.9	+4.5	WSW	2	0	17.6	+1.3	+3.5	30	+4	14	+4	41	-18	0	7		
	QENA	1020.0	+0.8	—	N	2	0	18.8	+0.1	+1.9	34	+3	14	+2	26	-27				
	KHARGA	1018.3	-0.3	—	NE	1	0	23.0	+3.4	—	33	—	13		23	—	0	1		
	ASWAN	1018.3	-0.1	+2.8	—	0	0	19.0	0.0	+0.8	33	+3	15	+1	26	-12				
NORTH SUDAN	WADI HALFA	1016.7	-0.1	+1.4	—	0	0	16.8	-0.2	+0.2	33	+2	12	0	35	+1				
	MEROWE	1013.9	0.0	+0.6	NE	2	0	22.6	+1.0	+1.1	38	+3	16	0	25	+2	0	0	1	
	ATBARA	1013.0	-0.8	+0.9	NE	3	0	21.0	-2.5	-3.0	37	+2	18	+1	34	+16	0	0	1	
	KHARTOUM	1012.4	+0.8	+1.9	NNE	3	0	22.5	+0.5	-0.5	37	+2	19	+1	17	-3	0	1	5	
EAST SUDAN	PORT SUDAN	1014.4	-0.3	+1.4	N	3	0	26.1	+1.4	+1.6	30	+2	19	-1	34	-31	0	29	106	3
	KASSALA	1009.4	+1.1	-0.1	N	4	0	25.0	-3.5	-1.7	38	0	22	+3	58	+10	0	0	11	
	WAD MEDANI ROSEIRES	1006.2	-0.6	-2.8	NNE	1	0	29.5	+3.5	+2.7	42	+3	22	+3	27	0	0	33	39	
SOUTH SUDAN	EL FASHER	1013.8	0.0		NNW	1	0	18.0	0.0	-2.1	36	+1	8	-6	13	-9	0	1	8	
	EL OBEID	1011.9	+0.1	-0.1	NE	3	1	22.0	+1.6	-1.1	36	+1	12	+3	35	+13	0	17	20	
	MALAKAL	1008.8	+1.0	-0.6	NNE	4	0	29.3	+1.5	+1.2	41	+2	21	0	9	-16	0	103	96	
	WAU	1008.7	+1.2	-0.4	SW	4	2	25.0	-1.0	-2.3	41	+3	21	0	28	-19	0	101	163	
	JUBA	1008.6	+0.4	—	WNW	3	2	31.5	+3.5	—	42		—		37	.	0	91	160	

Upper Wind Observations at Helwan at ... m. on ...

Height (metres)	Kms. per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

توقعات ما يحصل في الطقس من ظهر اليوم ولمدة ٢٤ ساعة

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	55	-10	15.3	+2.7
Ezbekiya	54	-4	14.2	+1.4
Giza	52	-4	14.5	—
Helwan	28	-18	12.8	+2.1

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
12.3	732	767
11.3	730	784

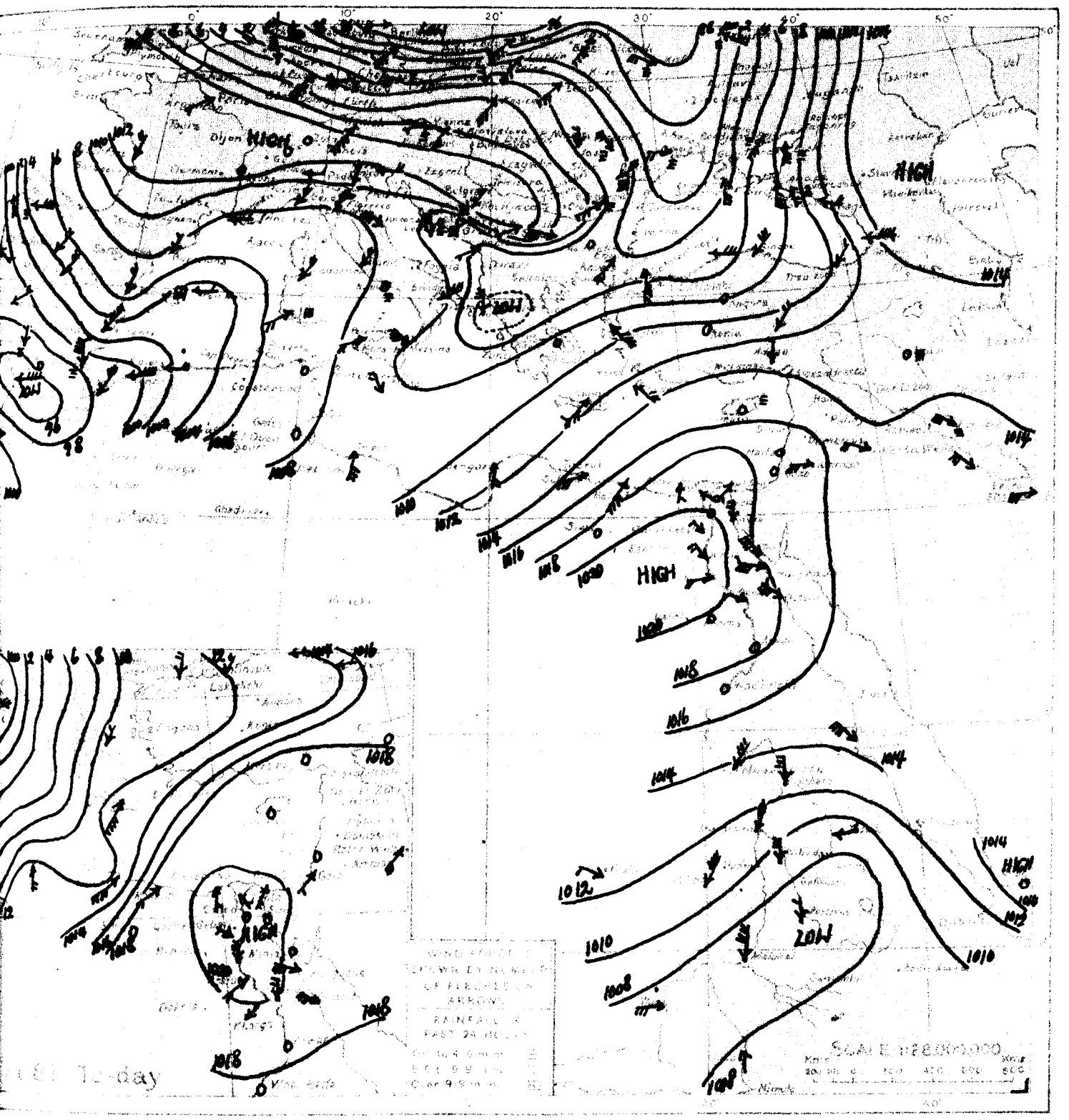
GAUGE	Date	Reading	Diff. from normal	Previous Day: Reading	Previous Day: Diff. from normal
	1931	m	m	m	m
Juba	13.3	13.30	+0.06	13.30	+0.06
Nassir	11.3	4.64	-0.51	4.68	-0.48
Malakal	11.3	9.79	-0.46	9.82	-0.44
Roseires	12.3	11.21	-0.21	11.22	-0.22
Sennar Res.	12.3	19.16	—	19.22	
Makwar	12.3	4.49	-0.77	4.52	-0.75
Khartoum	11.3	9.93	-0.34	9.96	-0.32
Kh. el Girba					
Atbara	11.3	9.76	-0.35	9.76	-0.36
Wadi Halfa	12.3	1.15	-0.46	1.12	-0.60
Aswan Res.	12.3	112.47	—	112.52	—
" D.S.	12.3	85.30	-0.15	85.29	-0.17
El Leithi	12.3	16.93	-0.34	16.93	-0.35
Roda (Cairo)	12.3	15.60	+0.03	15.60	+0.04

PRINTED AT THE SURVEY OF EGYPT 1929 (29/599/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٣-١٢ Barometer and Wind at 8 h Yesterday 12.3.31.



WIND VELOCITY	K.P.H.	Force
Calm	0- 1	0
Almost calm	2- 6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-20	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane above 104		12

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rain	5
Snow haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٣-١٢ From Observations taken at 8 h yesterday 12.3.31

	Station	Barometer: Reduced to Sea Level	Barometer: Change in 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.4	+5.5	-5.7	NE	2	4	10	-4	—	17	—	10	—	80	—	—	—	491	—
	MALTA	1008.3	+0.3	-6.8	NNW	2	4	18	+1	—	26	+9	14	+3	50	—	0	360	373	0
	ATHENS	1008.2	-2.2	-6.6	—	0	4	16	+2	—	—	—	—	—	60	—	—	—	281	—
	CANDIA	1011.6	-1.1	-4.7	SSW	5	1	17	-2	—	26	+9	15	+5	—	—	0	429	393	2
	LIMASSOL	1015.9	+7.7	+1.6	—	0	1	14	-3	—	21	+2	8	0	—	—	tr.	323	395	3
EGYPT and SUDAN	Albara عطره	1013.8	-0.6	+1.6	N	3	0	23.5	-1.0	-0.3	36	+1	18	+1	38	+19	0	0	1	—
	Kassala كسلا	1008.3	-0.7	-1.3	E	1	0	28.5	+1.5	+2.0	38	0	12	-7	43	-5	0	0	11	—
	Wad Medani	1009.8	+0.7	-0.4	N	3	0	26.0	-2.0	+1.3	40	+2	18	0	16	-7	0	8	13	—
	Wau واو	1007.5	+0.5	-1.6	W	3	1	26.0	-2.0	-1.3	41	+3	22	+1	19	-27	0	101	163	—
	Juba چوبا	1008.2	+0.3	—	S	—	3	28.0	-0.5	—	42	—	—	—	51	—	0	91	159	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 06 m

" " sunset 18 h 03 m

From Observations taken at 8 h. to-day.

Saturday 14th March, 1931 — ١٩٣١ السبت ١٤ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C		°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1017.0	+4.3	0.0	WSW	2	2	25.2	+5.0	+11.2	35	—	—	—	27	-45	0	51	86	3
	MATRUH	1017.8	-1.0	+1.2	WSW	3	0	22.8	+0.6	+8.9	33	+13	19	+9	55	-19	0	165	147	2
	ALEXANDRIA	1019.9	-0.8	+3.9	SSE	2	0	21.3	-0.1	+6.0	33	+12	13	+1	38	-33	0	92	179	2
	PORT SAID	1019.9	-1.1	+5.3	SSE	1	0	20.9	+1.7	+5.0	33	+12	18	+5	56	-15	0	56	67	0
	GAZA	—	—	—	—	0	0	18.9	+1.8	+3.5	29	+8	13	+4	57	-13	0	231	352	—
	HAIFA	1018.7	-0.9	+4.9	SSE	1	0	20.5	+3.2	+3.9	22	0	14	+4	59	-3	0	649	612	2
LOWER EGYPT	TANTA	1019.6	-1.5	—	N	1	0	20.9	+1.6	—	34	—	16	—	38	—	0	32	—	—
	CAIRO EZBEKIYA	1018.7	-2.0	+2.8	WNW	1	0	19.6	+1.8	+5.7	33	+9	14	+4	53	-18	0	16	26	—
	CAIRO GIZA	1019.0	-2.1	+2.2	—	0	0	18.1	-1.7	—	32	+8	8	0	56		0	21	23	—
	CAIRO HELWAN	1018.6	-2.4	+2.3	ENE	4	0	26.9	+5.1	+13.3	34	+10	20	+9	17	-47	0	19	27	—
	SIWA	1017.0	-2.5	+0.4	—	0	0	15.6	-3.0	+2.1	—	—	11	+3	58	-5	0	35	5	—
RED SEA	SUEZ	1018.0	-2.4	+2.0	N	1	0	21.0	+2.0	+5.9	32	+8	18	+6	78	+4	0	27	20	0
	TOR	1018.3	-1.1	+3.3	—	0	0	21.0	+1.0	+3.4	27	+3	13	+1	77	+15	0	11	13	0
	HURGHADA	1018.4	-1.1	—	NNW	5	0	25.0	+1.2	—	31	—	14	—	22	—	0	0		3
	QOSSEIR	1018.3	-1.3	—	N	5	0	25.1	+0.1	—	28	—	21	—	39	—	0	15	—	4
UPPER EGYPT	GEBEL	1019.4	-2.5	+2.6	NW	1	0	17.5	+1.5	+3.1	33	+8	13	+4	61	-5	0	17		
	MINYA	1018.7	-2.7	—	WNW	2	0	19.2	+4.0	+4.9	34	+9	11	+1	63	-7				
	ASSIUT	1019.0	-2.1	+2.5	WSW	2	0	19.4	+1.8	+5.1	33	+7	14	+4	36	-23	0	7	—	
	QENA	1018.2	-1.8	—	N	2	0	22.0	+3.2	+4.9	35	+4	14	+2	24	-28	—		—	
	KHARGA	1017.1	-1.2	—	—	0	0	24.5	+1.5	—	35	—	18	—	29		0	1	—	—
	ASWAN	1017.0	-1.3	+1.7	—	0	0	19.6	+0.6	+1.2	37	+6	15	+1	23	-14	—	—	—	—
NUBIAN DESERT	WADI HALFA	1014.7	-2.0	-0.5	NNE	1	0	19.0	+2.2	+2.2	35	+4	14	+2	27	-6				—
	MEROWE	1012.4	-1.5	-0.8	NE	2	0	25.1	+2.5	+3.4	37	+2	18	+2	24	+1	0	0	1	—
	ATBARA																			—
	KHARTOUM	1010.6	-1.8	+0.1	NNE	3	0	24.9	+2.4	+1.8	36	+1	21	+3	35	+16	0	1	5	—
SUDAN	FORT SUDAN	1014.0	-0.4	+1.0	NW	5	0	28.7	+2.6	+4.1	31	+3	21	+1	33	-32	0	29	106	5
	KASSALA	1008.0	-1.4	-1.5	—	0	0	31.5	+6.5	+4.7	37	-1	21	+2	35	-12	0	0	11	—
	WAD MEDANI																			—
	ROSEIRES	1007.2	+1.0	-1.7	—	0	1	26.5	-3.0	-0.5	42	+3	20	+1	34	+7	0	33	39	—
	EL FASHER	1011.4	-2.4	—	NNW	1	0	18.0	0.0	-2.2	38	+3	8	-7	20	-2	0	1	8	—
	EL OBEID	1010.8	-1.1	-1.1	NE	1	1	22.5	+0.5	-0.8	37	+2	14	-1	27	+5	0	17	20	—
	MALAKAL																			—
	WAU																			—
	JUBA	1008.8	+0.2	—	S	—	2	28.5	-3.0	—	39	—	—	—	49	—	0	91	161	—

Upper Wind Observation at Helwan at 9 h 15 m

Height in Metres	Speed in Knots per Hour	Direction
500	25	E
1000	25	SE
1500	20	ESE
2000		
3000		

General Situation

The high pressure system over Egypt is slowly weakening. The Mediterranean depression, which is now situated between Malta and Crete, is filling up. There are also depressions over the Adriatic and Morocco.

الحالة العمومية

نطاق الضغط المرتفع على مصر آخذ في الاضمحلال ببطء والانخفاض البحر الأبيض الذي يقع الآن ما بين مالطة وكريت آخذ في الامتلاء ويوجد أيضا انخفاضات على الأدرياتيك ومراكش

Forecast for 24 hours from noon to-day.

Light to moderate winds, southwest to south on the coast, easterly inland.
Clear or occasional high cloud. Remaining warm.
Further outlook: Cooler weather probable in two days.

توقعات الطقس لحضورها في الطقس من ظهر اليوم الى ظهر غد

رياح ما بين الخفيفة والمعتدلة جنوبية غربية الى جنوبية على الساحل وشرقية في الداخل
السماء صحو أو يظهر بها سحاب العالي أحيانا - يستمر الطقس حارا
واذا نظرنا بعيدا فإن الطقس يحتمل أن يبرد بعد يومين

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	34	-31	16.2	+3.5
Ezbekiya	38	-20	15.7	+2.8
Giza	32	-24	16.0	—
Helwan	12	-34	13.8	+3.0

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
14-3	730	739
13-3	731	749

GAUGE	Date 1931	Reading m	Diff. from normal m	Previous Reading m	Previous Diff. from normal m
Juba	13-3	13.30	+0.06	13.30	+0.06
Nasser	11-3	4.64	-0.51	4.68	-0.48
Malakal	13-3	9.76	-0.46	9.77	-0.46
Roseires	14-3	11.19	-0.20	11.20	-0.20
Sennar Res.	12-3	19.16	—	19.22	—
Makwar	12-3	4.49	-0.77	4.52	-0.75
Khartoum	13-3	9.90	-0.35	9.90	-0.36
Kh. el Girba					
Atbara	13-3	9.79	-0.31	9.77	-0.34
Wadi Halfa	14-3	1.07	-0.52	1.08	-0.52
Aswan Res.	14-3	112.34	—	112.42	—
" D.S.	14-3	85.29	-0.14	85.30	-0.14
El Leithi	14-3	16.94	-0.31	16.93	-0.33
Roda (Cairo)	14-3	15.56	-0.01	15.58	+0.01

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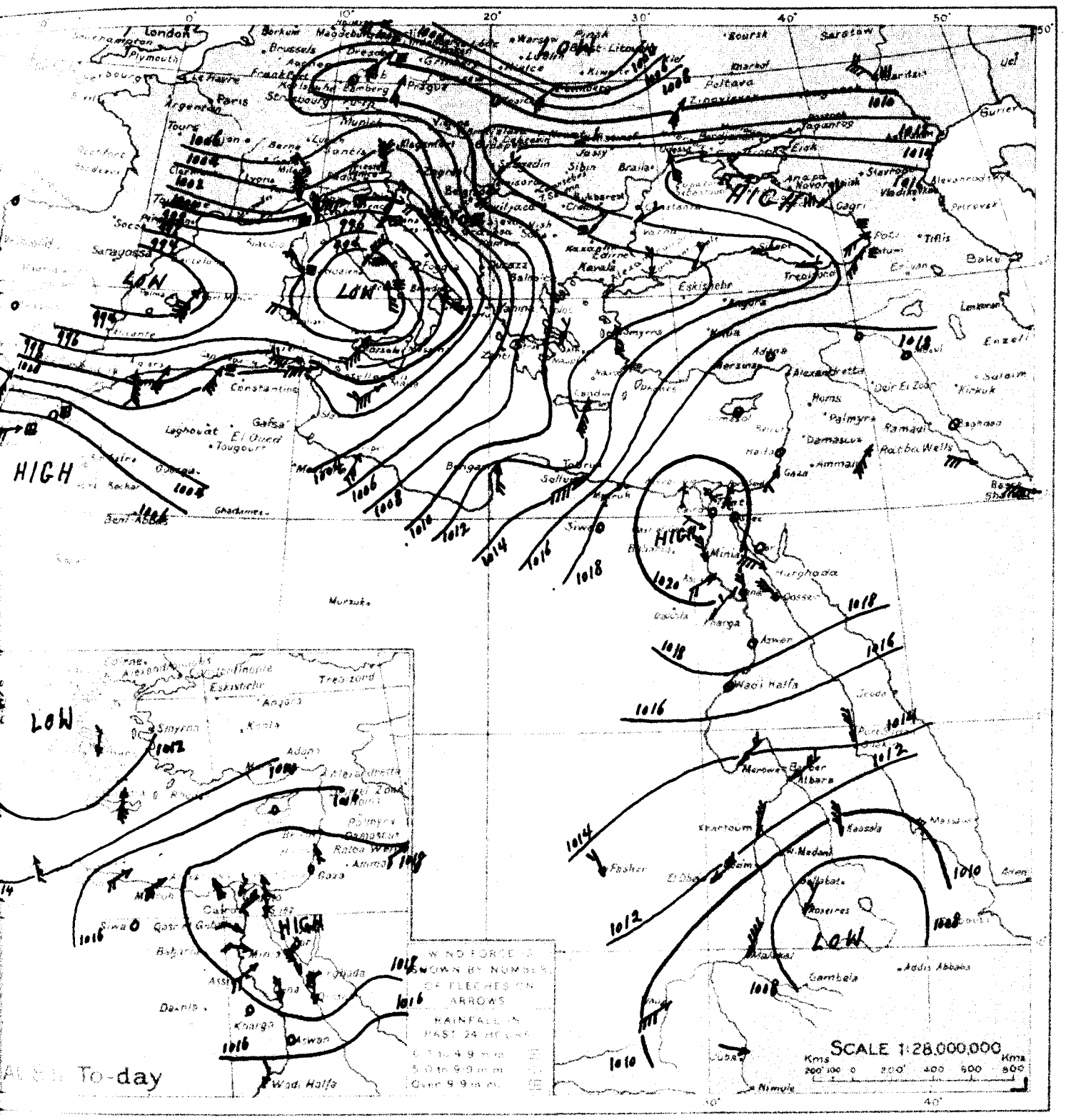
PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣ -١٣ Barometer and Wind at 8 h. Yesterday 13 - 3 - 1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣ -١٣ From Observations taken at 8 h. yesterday. 13 - 3 - 1931

STATION	BAROMETER Reduced to Sea Level	Change in last 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in last 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN: ROME	994.0	-13.4	-19.1	NE	5	4	12	+2	—	15	—	10	—	70	—	4	—	494	—
MALTA	1000.6	-7.7	-14.5	WSW	6	4	22	+4	—	23	+6	17	+6	40	—	0	360	374	1
ATHENS	1010.8	+2.6	-3.9	NNE	1	8	14	-2	—	—	—	—	—	80	—	—	—	283	—
CANDIA	1012.7	+1.1	-3.5	SSW	4	1	28	—	—	34	+17	22	+12	—	—	0	429	394	3
LIMASSOL	1018.6	+2.7	+4.3	—	0	1	14	0		21	+2	9	+1	—	—	0	323	396	3
EGYPT and SUDAN																			

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 04 m

" " sunset 18 h 03 m

From Observations taken at 8 h. to-day.

Sunday 15th March, 1931 ١٩٣١ الاحد ١٥ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1015.0	-2.0	-2.0	—	0	3	23.8	-1.4	+9.7	[illegible]		18		53	-19	0	51	86	0
	MATRUH	1014.4	-3.4	-2.1	SSE	2	1	20.0	-2.8	+6.0	35	+15	14	+4	57	-17	0	165	148	2
	ALEXANDRIA	1016.0	-3.9	+0.1	SE	2	4	23.7	+2.4	+8.3	34	+13	13	+1	26	-45	0	92	179	3
	PORT SAID	1016.4	-3.5	+1.9	ESE	2	3	20.5	-0.4	+4.5	27	+6	20	+7	76	+5	0	56	68	2
	GAZA	—	—	—	—	0	0	21.7	+2.8	+6.2	32	+11	14	+4	53	-17	0	231	353	—
	HAIFA	1015.2	-3.5	+1.4	—	0	0	20.0	-0.5	+3.2	25	+3	16	+6	67	+5	0	649	613	2
LOWER EGYPT	TANTA	1016.3	-3.3		SE	1	3	19.9	-1.0		35		16		37		0	32		
	CAIRO: EZBEKIYA	1015.8	-2.9	0.0	—	0	1	19.7	+0.7	+6.3	37	+13	15	+4	55	-16	0	16	26	
	CAIRO: GIZA	1015.8	-3.2	-0.9	—	0	3	18.2	+0.1	—	35	+11	11	+3	63	—	0	21	23	
	CAIRO: HELWAN	1015.4	-3.2	-0.9	SE	1	0	24.2	-0.7	+12.5	36	+12	21	+10	14	-50	0	19	27	
	SIWA	1012.6	-4.4	-4.0	—	0	0	16.0	+1.0	+2.9	—	—	10	+2	69	+6	0	35	5	
RED SEA	SUEZ	1015.0	-3.0	-0.9	E	1	0	20.4	-0.6	+5.2	34	+10	17	+5	48	-26	0	27	21	0
	TOR	1016.3	-2.0	+1.4	—	0	0	22.2	+1.2	+4.6	30	+6	14	+2	86	+24	0	11	13	0
	HURGHADA	1015.8	-2.6	—	N	4	0	24.0	-1.0	—	31	—	14		25		0	0		2
	QOSSEIR	1016.2	-2.1	—	W	3	0	27.1	+2.0	—	28		18		16		0	15		1
UPPER EGYPT	GEBALI	1016.4	-3.0	-0.3	NW	1	0	18.5	+1.0	+4.1	35	+10	12	+3	50	-15	0	17		
	MINYA	1016.3	-2.4		ENE	2	0	20.5	+1.3	+6.0	35	+10	13	+3	38	-32				
	ASYUT	1017.1	-1.9	+0.6	SW	2	0	20.1	+0.7	+5.6	36	+9	15	+5	36	-23	0	7		
	QENA	1016.7	-1.5	—	NNW	2	0	21.2	-0.8	+3.9	36	+5	12	0	27	-25				
	KHARGA	1015.6	-1.5	—	—	0	0	25.0	+0.5		37		19		28		0	1		
	ASWAN	1015.9	-1.1	+0.7	—	0	0	21.0	+1.4	+2.4	39	+8	17	+3	34	-3				
SUDAN	WADI HALFA	1013.8	-0.9	-1.3	—	0	0	20.6	+1.6	+3.6	37	+6	16	+4	25	-8				
	MEROWE	1012.8	+0.4	-0.3	NE	2	0	28.0	+2.9	+6.1	39	+4	21	+4	29	+6	0	0	1	
	ATBARA	1011.6	+0.5	-0.4	E	3	0	23.0	+0.5	-1.3	38	+3	22	+5	56	+38	0	0	1	
	KHARTOUM	1010.0	-0.6	-0.4	—	0	0	26.1	+1.2	+2.9	36	+1	22	+4	36	+17	0	1	5	
	KHARTOUM SOUTH	1014.2	+0.2	+1.3	—	0	0	27.3	-1.4	+2.6	32	+4	20	0	49	-16	0	29	106	1
	SENNAR	1006.8	-1.2	-2.6	—	0	0	35.5	+4.0	+8.6	40	+2	23	+4	22	-25	0	0	11	
	WAD MEDANI	1010.2	+0.6	+0.3	W	2	0	27.0	+1.8	+1.9	40	+2	19	+1	26	+4	0	8	13	
	ROSEIRES	1008.3	+1.1	-0.5	—	0	0	29.0	+2.5	+1.9	42	+3	21	+2	19	-8	0	33	39	
	EL FASHER	1011.4	0.0		WNW	1	0	17.5	-0.5	-2.8	39	+4	8	-7	11	-11	0	1	8	
	EL OBEID	1009.5	-1.3	-2.3	WNW	4	0	26.3	+3.8	+2.9	38	+3	17	+2	24	+2	0	17	20	
	MALAKAL	1009.9	+0.5	+0.6	ENE	3	2	31.2	-1.2	+2.9	41	+2	25	+3	12	-14	0	103	97	
	WAU	1009.5	+0.9	+0.5	SW	6	2	28.0	0.0	+0.7	39	+1	23	+2	57	+9	0	101	165	
	JUBA	1012.7	+3.9	—	NE	—	3	23.5	-5.0	—	42		—		83		2	93	162	

General Situation

حالة الجو العامة

Upper Air Observations at Helwan at 8 a.m.

Height (Metres)	Kind of Pilot	Wind Direction	Wind Speed
500			
1000			
1500			
2000			
3000			

Forecast for 24 hours from noon to-day.

تنبؤات للطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	48	-17	17.1	+4.4
Ezbekiya	40	-18	16.7	+2.7
Giza	37	-19	16.8	
Helwan	18	-28	15.8	+4.9

NOTE. A dash means that figures are not available.

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Remarks

Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
15.3	732	723
14.3	730	739

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	15.3	13.30	+0.07	13.33	+0.10
Nasser	13.3	4.65	-0.50	4.65	-0.50
Malakal	13.3	9.76	-0.46	9.77	-0.46
Roseires	14.3	11.19	-0.20	11.20	-0.20
Sennar Res.	14.3	19.03	—	19.09	—
Makwar	14.3	4.49	-0.77	4.49	-0.77
Khartoum	13.3	9.90	-0.35	9.90	-0.36
Kh. el Girba					
Atbara	14.3	9.78	-0.31	9.79	-0.31
Wadi Halfa	14.3	1.07	-0.52	1.08	-0.52
Aswan Res.	15.3	112.29	—	112.34	—
" D.S.	15.3	85.29	-0.13	85.29	-0.14
El Leithi	14.3	16.94	-0.31	16.93	-0.33
Roda (Cairo)	14.3	15.56	-0.01	15.58	+0.01

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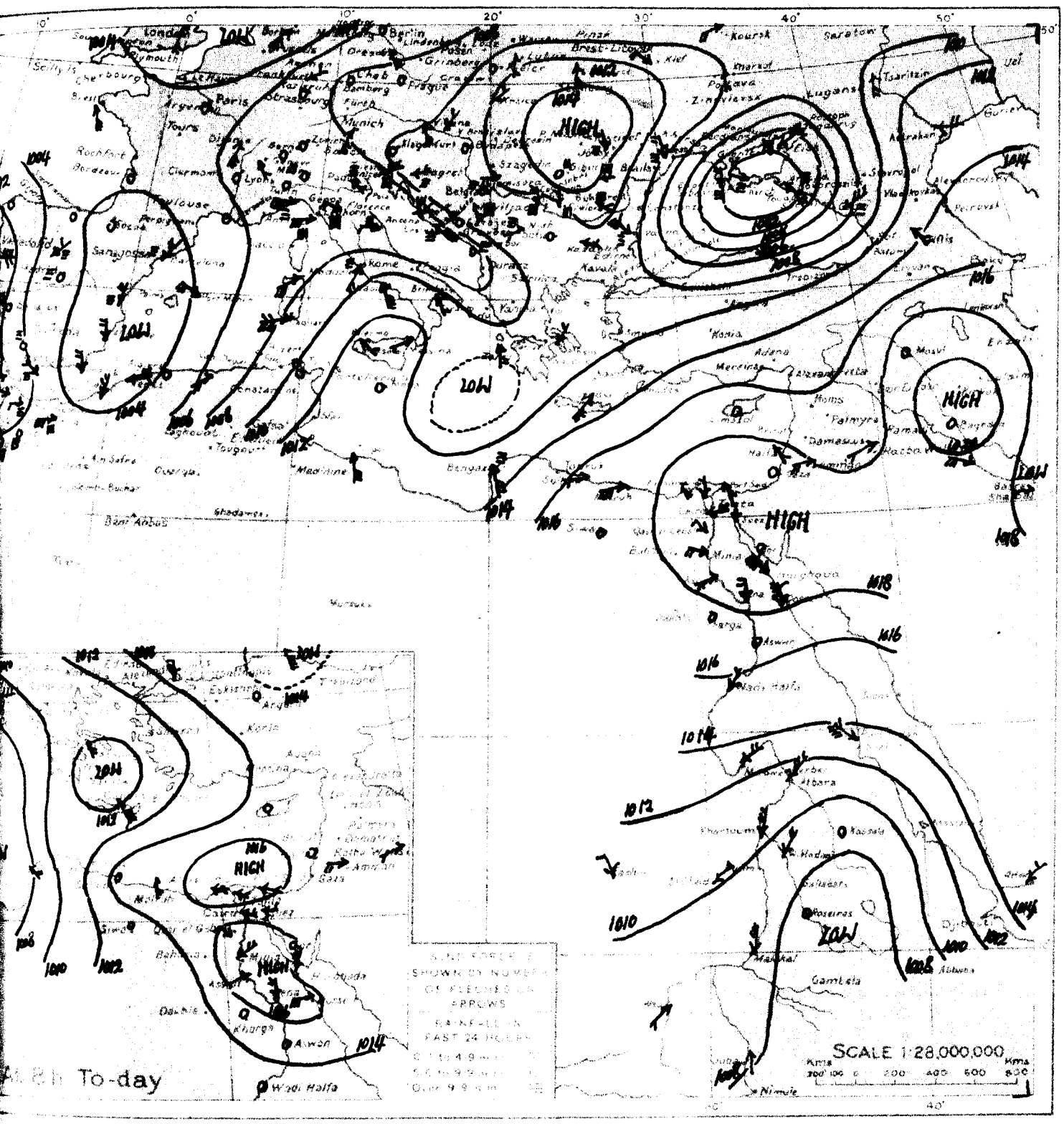
PHYSICAL DEPARTMENT.

REPORT.

.٣١-٣-١٤ Barometer and Wind at 8 h. Yesterday 14.3.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٣-١٤ From Observations taken at 8 h yesterday 14.3.31.

	STATION	BAROMETER Reduced to Sea Level	Change in last 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h	Change in last 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.2	+14.2	-4.8	SW	2	3	14	+2	—	18	—	12	—	70	—	1	—	496	—
	MALTA	1012.5	+11.9	-2.6	—	0	4	15	-7	—	23	+6	13	+2	70	—	0	360	375	1
	ATHENS	1011.0	+0.2	-3.7	NNE	1	4	18	+4	—	—	—	—	—	50	—	—	—	284	—
	CANDIA	1012.6	-0.1	-3.6	SSW	3	1	28	0	—	33	+16	23	+13	—	—	0	429	396	2
	LIMASSOL	1017.6	-1.0	+3.4	—	0	3	20	+6	—	22	+3	8	0	—	—	0	323	398	2
EGYPT and SUDAN	Albara عطبرة	1011.1	-1.9	-0.9	NE	3	0	22.5	+1.5	-1.6	38	+3	21	+4	34	+16	0	0	1	—
	Wad Medani ودمدنى	1009.6	-3.0	-0.4	NE	2	0	25.2	-1.8	+0.2	39	+1	20	+2	39	+17	0	8	13	—
	Malakal الكوك	1009.4	+0.6	0.0	NNE	3	1	32.4	+3.1	+4.2	42	+3	24	+2	7	-18	0	103	97	—
	Wau وو	1008.6	-0.1	-0.4	SW	1	1	28.0	+3.0	+0.7	38	0	21	0	33	-15	0	101	164	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 03

" sunset 18 04

From Observations taken at 8h. to-day.

Monday 16th March, 1931 ١٩٣١ الاثنين ١٦ مارس

STATION	Barometer: Reduced to 32° Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from Normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Today	Rainfall: Since 1st Oct. 1930	Rainfall: Normal to 1st Oct.	Rainfall: Last Year to 1st Oct.	Sea
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	mm	
MEDITERRANEAN: SOLLUM	1005.6	-9.4	-11.4	SW	4	6	25.2	+1.4	+11.0	—	—	23	—	20	-52	0	51	87	6	
MATRUH	1008.3	-6.1	-8.2	WSW	3	4	21.3	+1.3	+7.2	35	+15	18	+8	55	-19	0	165	148	1	
ALEXANDRIA	1010.6	-5.4	-5.3	SSE	2	4	20.1	-3.6	+4.6	36	+15	13	0	40	-31	0	92	180	2	
PORT SAID	1011.4	-5.0	-3.1	S	2	3	22.0	+1.5	+5.9	25	+4	18	+5	41	-30	0	56	68	1	
GAZA	—	—	—	SW	1	0	24.7	+3.0	+9.1	31	+10	16	+6	42	-28	0	231	354		
JAFFA	1011.6	-3.6	-2.1	—	0	0	22.0	+2.0	+5.1	25	+3	16	+6	68	+6	0	649	614	4	
DELTA: TANTA	1011.1	-5.2	—	SSE	1	4	21.5	+1.6		36	—	18	—	40	—	0	32			
ZAGAZIGH	1011.2	-4.6	-4.5	SSE	1	2	21.8	+2.1	+8.3	36	+12	18	+7	29	-42	0	16	26		
GIZA	1011.5	-4.3	-5.1	SE	2	3	21.5	+3.3	—	36	+12	13	+5	39	—	0	21	23		
HELWAN	1011.6	-3.8	-4.6	SE	1	3	24.0	-2.2	+10.1	37	+13	21	+10	15	-49	0	19	27		
FAYUM	1007.2	-5.4	-9.3	—	0	0	16.0	0.0	+2.8	—	—	11	+3	64	+1	0	35	5		
RED SEA: SUEZ	1011.4	-3.6	-4.4	S	2	2	21.9	+1.5	+6.6	29	+5	17	+5	71	-3	0	27	21	1	
TOR	1013.5	-2.8	-1.3	—	0	0	24.6	+2.4	+6.7	32	+8	15	+2	79	+16	0	11	13	0	
HURGHADA	1012.7	-3.1		SSW	4	0	23.5	-0.5		31		13		51		0	0		2	
QUSSEIR	1013.4	-2.8		W	1	0	25.3	-1.8		31		17		40		0	15		0	
UPPER EGYPT: [illegible]	1013.0	-3.4	-3.6	E	1	0	17.0	-1.5	+2.4	35	+10	13	+4	52	-13	0	17			
[illegible]	1012.0	-4.3		SW	1	0	20.5	0.0	+5.8	35	+9	14	+4	38	-32					
ASYUT	1013.3	-3.8	-3.1	SSE	2	0	20.5	+0.4	+5.9	34	+7	16	+6	55	-4	0	7			
[illegible]	1013.6	-3.1		NE	2	0	21.7	+0.5	+4.2	39	+8	13	+1	29	-23					
[illegible]	1012.3	-3.3		—	0	0	23.0	-2.0		38		18		31		0	1			
[illegible]	1013.4	-2.5	-1.8	—	0	0	22.0	+1.0	+3.2	40	+9	18	+4	28	-8					
[illegible]	1011.6	-2.2	-3.4	—	0	0	21.4	+0.8	+4.2	41	+9	16	+3	24	-9					
[illegible]	1009.4	-3.4	-3.6	NE	3	0	30.0	+2.0	+7.9	40	+5	23	+6	32	+9	0	0	1		
[illegible]	1009.8	-0.2	-0.5	—	0	0	26.8	+0.7	+3.4	40	+5	22	+4	34	+15	0	1	5		
[illegible]	1012.8	-1.4	0.0	NW	1	1	26.9	-0.4	+2.1	31	+2	22	+2	79	+14	0	29	106	1	
[illegible]	1006.7	-1.6	-2.0	—	0	0	31.5	+2.5	+4.2	42	+3	21	+1	16	-11	0	33	39		
[illegible]	1010.6	-2.1		ESE	—	2	28.5	+5.0		29		—		55		0	93	163		

Sun & Moon: Sun rises 6 30

500	40	S
1000	30	SSW
1500	45	SSW
2000	40	SW
3000		

General Situation

The Mediterranean basin remains an area of low pressure, with depressions over the Gulf of Lions, the Adriatic Sea, and the Aegean Sea.
There is also a shallow depression off Sollum, and pressure over Egypt is falling rapidly.

يستمر حوض البحر الأبيض منطقة ضغط منخفض مع وجود انخفاضات على خليج ليون وعلى بحرى الأدرياتيك وإيجه
ويوجد انخفاض ضحل بالقرب من السلوم والضغط على وجه العموم في الهبوط بسرعة

Forecast for 24 hours from noon to-day.

Moderate to fresh winds, on the coast south veering to west tomorrow; inland southeast veering to southwest.
High cloud increasing.
Cooler tomorrow, but temperature remaining above normal.

رياح بابية معتدلة والنسيم جنوبية تتحول الى الغرب غدا على الساحل وجنوبية شرقية تصير جنوبية غربية فيما بعد في الداخل
كثير السحاب العالي
ويبرد الطقس غدا إلا أن درجة الحرارة تستمر فوق المعدل

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Air Sun Temperature Mean of Day: Yesterday	Air Sun Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	50	-15	17.6	+4.8
Ezbekiya	42	-16	16.8	+3.8
Giza	49	-7	16.6	—
Helwan	8	-38	14.9	+3.9

NOTE. A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sources m.3 per sec. DATE	1931	1910
16-3	731	711
15-3	732	723

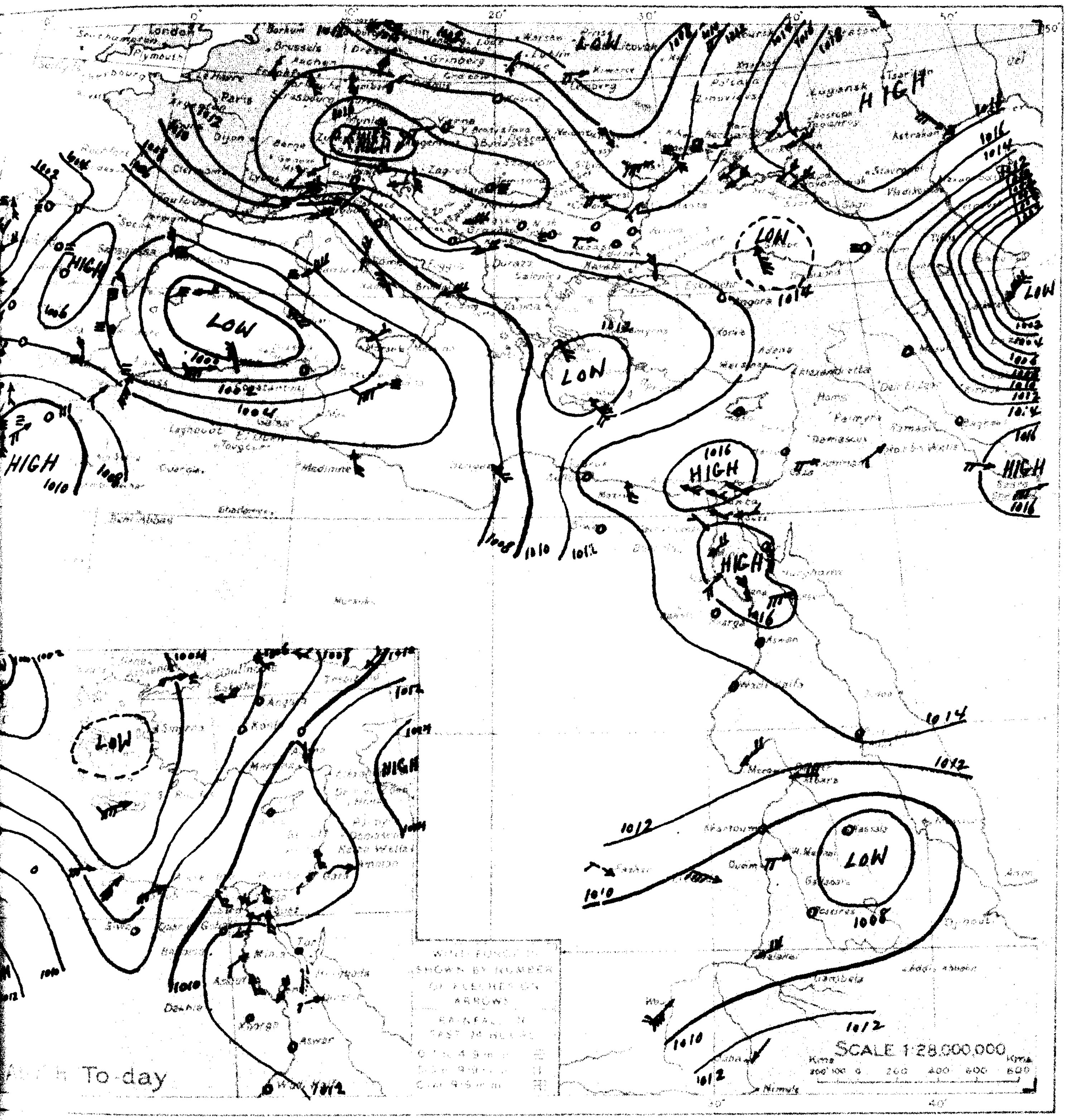
STATIONS	Date 1931	Reading m.	Diff. from normal m.	Date	Reading m.	Diff. from normal m.
Juba	15-3	13.30	+0.07		13.33	+0.10
Nasser	14-3	4.64	-0.51		4.65	-0.50
Malakal	15-3	9.76	-0.44		9.76	-0.45
Roseires	15-3	11.21	-0.18		11.19	-0.20
Sennar Res.	15-3	18.96	—		19.03	—
Makwar	15-3	4.48	-0.78		4.49	-0.77
Khartoum	15-3	9.92	-0.31		9.90	-0.34
Kh. el Girbi						
Atbara	15-3	9.76	-0.32		9.78	-0.31
Wadi Halfa	16-3	1.04	-0.53		1.05	-0.53
Aswan Res.	16-3	112.23	—		112.29	—
" D.S.	16-3	85.29	-0.13		85.29	-0.13
El Leithi	16-3	16.95	-0.28		16.95	-0.29
Roda (Cairo)	16-3	15.60	+0.05		15.58	+0.03

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣ -١٥ Barometer and Wind at 8 h. Yesterday *15-3-1931*



WIND VELOCITY

	M.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-25	4
Fresh	26-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-75	9
Whole gale	76-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand storm	6
Snow, hail	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣ -١٥ From Observations taken at 8 h yesterday *15-3-1931*

STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1007.2	-1.0	-5.6	NE	2	4	10	-4	—	17	—	10	—	80	—	—	—	498	—
MALTA	1004.5	-8.0	-10.6	SW	6	5	23	+8	—	22	+5	14	+3	40	—	1	361	376	1
ATHENS	1012.0	+1.0	-2.6	SSE	2	8	17	-1	—	—	—	—	—	60	—	—	—	285	—
CANDIA	1011.0	-1.6	-5.2	SE	6	4	27	-1	—	32	+15	20	+10	—	—	0	429	397	7
LIMASSOL	1015.2	-2.4	+1.0	—	0	4	16	-4		20	-1	10	+2	—	—	0	323	399	0
EGYPT and SUDAN																			

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 02

" " sunset 18 55

From Observations taken at 8 h. to-day.

Tuesday 17th March, 1931 — ١٩٣١ — الثلاثاء ١٧ مارس

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Max.	Temperature Diff. from normal	Temperature Min.	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Last 24 hours	Rainfall Since 1st Oct.	Rainfall Last Year to date	Rainfall Total Last Year	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	mm	
Sollum	1012.8	+7.2	-4.2	—	0	0	17.6	-7.6	+3.3	[illegible]	—	15	—	75	+3	0	51	87	0	
Mersa Matruh	1012.3	+4.0	-4.1	NW	2	0	15.0	-6.3	+0.8	36	+16	13	+3	98	+24	0	165	149	2	
Alexandria	1011.2	+0.6	-4.6	N	1	2	19.1	-1.0	+3.5	36	+14	17	+4	82	+11	0	92	180	2	
Port Said	1009.6	-1.8	-4.8	SW	1	0	22.1	+0.1	+5.9	38	+17	20	+7	51	-19	0	56	68	0	
Suez	—	—	—	S	1	0	26.8	+2.1	+11.1	37	+16	22	+12	22	-48	0	231	354	—	
Abu Zeneima	1008.0	-3.6	-5.7	—	0	0	24.5	+2.5	+7.5	33	+11	17	+7	66	+4	0	649	615	2	
Tanta	1011.6	+0.5	—	SW	1	0	—	—	—	34	—	17		—		0	32		—	
Ezbekiya	1010.6	-0.6	-5.0	NW	1	0	19.0	-2.8	+5.3	35	+10	17	+6	63	-8	0	16	26	—	
Giza	1010.4	-1.1	-6.1	NW	2	0	19.2	-2.3	—	35	+11	15	+7	68	—	0	21	23	—	
Helwan	1010.0	-1.6	-6.1	NW	2	0	19.8	-4.2	+5.8	37	+13	19	+8	49	-15	0	19	27	—	
Biwa	1011.2	+4.0	-5.3	—	0	0	19.0	+3.0	+5.7	—	—	14	+6	56	-7	0	35	6		
Suez	1009.3	-2.1	-6.4	S	3	0	22.0	+0.1	+6.6	29	+5	19	+7	66	-8	0	27	21	3	
Kosseir	1011.8	-1.7	-3.0	—	0	0	24.0	-0.6	+6.0	34	+10	16	+3	83	+20	0	11	13	0	
Hurghada	1011.6	-1.1	—	SSE	5	0	24.0	+0.5	—	31	—	13		62	—	0	0		3	
Qosseir	1012.4	-1.0	—	W	1	0	25.0	-0.3	—	29		19		63		0	15		0	
Gebel	1010.4	-2.6	-6.2	NE	1	0	20.5	+3.5	+5.8	37	+12	14	+5	45	-20	0	17			
Minya	1009.9	-2.1	—	WSW	1	0	21.7	+1.2	+6.8	37	+11	15	+5	45	-25					
Assiut	1011.2	-2.1	-5.1	SSE	2	0	21.3	+0.8	+6.5	35	+8	16	+6	71	+13	0	7			
Qena	1012.0	-1.6	—	ENE	2	0	22.6	+0.9	+7.9	38	+6	15	+3	30	-21					
Kharga	1010.8	-1.5	—	—	0	0	23.0	0.0	—	38	—	20		25		0	1			
Aswan	1011.5	-1.9	-3.5	—	0	0	23.5	+1.5	+4.6	40	+9	19	+5	25	-11					
Wadi Halfa	1009.9	-1.7	-4.9	—	0	0	23.0	+1.6	+5.6	40	+8	19	+6	38	+5					
Merowe	1009.6	+0.2	-3.3	NE	2	0	28.5	-1.5	+6.2	42	+6	23	+6	25	-8	0	0	1		
Atbara	1010.2	-0.5	-1.6	S	2	0	27.5	+0.5	+2.9	41	+5	25	+8	67	+49	0	0	1		
Khartoum	1008.3	-1.5	-1.9	NNE	1	0	29.0	+2.2	+5.4	42	+7	24	+6	24	+5	0	1	5		
Port Sudan	1013.9	+1.1	+1.2	—	0	0	27.5	+0.6	+2.6	31	+2	22	+2	80	+15	0	29	106	0	
Kassala																				
Wad Medani																				
Fashoda	1007.4	+0.7	-1.2	—	0	0	32.5	+1.0	+5.0	41	+1	25	+5	36	+9	0	33	40		
El Fasher																				
El Obeid	1009.6	+0.2	-2.0	WNW	3	2	26.9	+1.4	+3.1	40	+4	18	+3	22	0	0	17	20		
Malakal																				
Wau																				
Juba	1011.1	+0.5	—	ESE	—	1	28.0	-0.5	—	39		—	—	47	—	0	93	165		

Upper Air Observations at Heliwan at 8 15

Height (Metres)	Speed in Knots per hour	Direction
500	20	SSW
1000	45	SSW
1500	35	SW
2000	35	SW
3000	30	W

General Situation

The depression which was yesterday off Sollum has now passed north of Egypt and is situated over Cyprus, and pressure over Egypt has risen. There is a shallow depression near Malta.

الحالة العمومية

قد مر الانخفاض الذى كان بالقرب من السلوم البارحة شمال مصر وهو الآن بالقرب من قبرص وقد ارتفع الضغط فوق مصر وهناك انخفاض قريب الغور بالقرب من مالطه

Forecast for 24 hours from noon to-day.

Light to moderate variable winds, chiefly westerly.
Clear or occasional medium cloud.
Cooler, but temperature slightly above normal.

ميعاد الطقس المتوقع للاربع والعشرين ساعة من ظهر اليوم الى ظهر الغد

رياح مختلفة الاتجاه بين الخفيفة والمعتدلة أكثرها غربية
السماء صحو أو يظهر بها بعض السحاب المتوسط الارتفاع أحيانا
الطقس أميل للبرودة إلا أن درجة الحرارة تستمر فوق المعدل

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	31	-34	16.7	+3.9
Ezbekiya	24	-32	16.2	+3.1
Giza	27	-28	16.9	—
Helwan	6	-40	14.9	+3.8

NOTE. A dash means that figures are not available.

Terms of Subscription: By Inland Post, PT 100 annually
" " Abroad PT. 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17-3	728	763
16-3	731	711

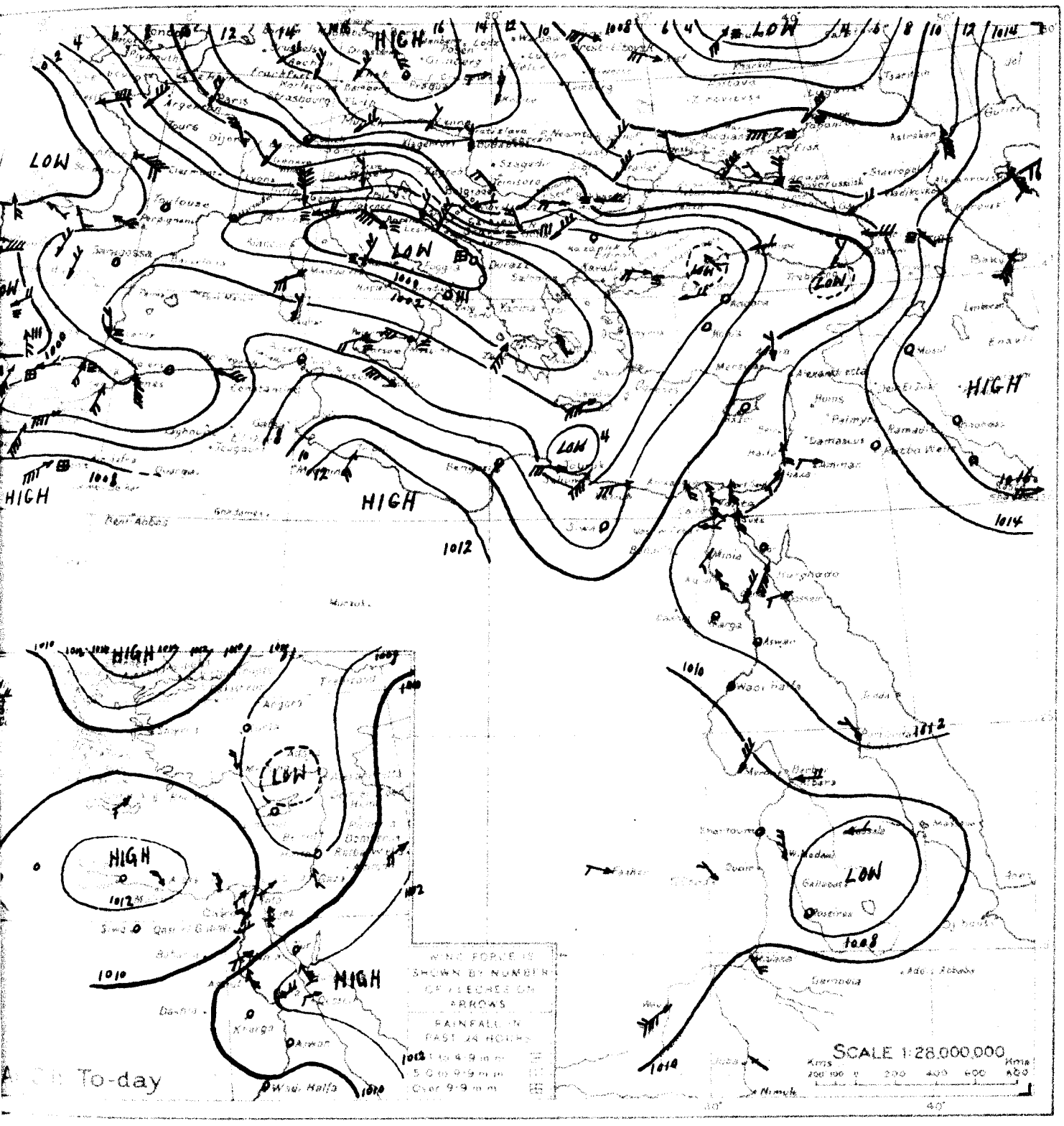
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	16-3	13.32	+0.09	13.30	+0.07
Nasser	16-3	4.63	-0.52	4.63	-0.52
Malakal	16-3	9.76	-0.44	9.76	-0.44
Roseires	17-3	11.19	-0.18	11.20	-0.18
Sennar Res.	16-3	18.96	—	18.96	—
Makwar	16-3	4.48	-0.77	4.48	-0.78
Khartoum	16-3	9.93	-0.29	9.92	-0.31
Kh. el Girba					
Atbara	16-3	9.76	-0.31	9.76	-0.32
Wadi Halfa	16-3	1.04	-0.53	1.05	-0.53
Aswan Res.	17-3	112.18	—	112.23	—
" D.S.	17-3	85.29	-0.12	85.29	-0.13
El Leithi	17-3	16.95	-0.27	16.95	-0.28
Roda (Cairo)	17-3	15.60	+0.06	15.60	+0.45

PRINTED AT THE SURVEY OF EGYPT 1929(29/699/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣ -١٦ Barometer and Wind at 8 h. Yesterday 16 - 3 - 1931



WIND VELOCITY	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	above 104	12

STATE OF SKY	
Clear	0
1 Clouded	1
1 Clouded	2
1 Clouded	3
Entirely clouded	4
Sandstorm	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣ -١٦ From Observations taken at 8 h. yesterday. 16 - 3 - 1931

	Station	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff. from normal	Temperature Maximum (Yesterday)	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total (from Oct. 1st to yesterday)	Rainfall Normal (from Oct. 1st to yesterday)	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1001·0	-6·2	-11·7	NE	2	4	10	0	—	18	—	10	—	90	—	3	—	500	—
	MALTA	1007·3	+2·8	-7·8	NW	4	2	14	-9	—	26	+9	13	+2	80	—	0	361	377	2
	ATHENS	1001·3	-10·7	-13·3	SSE	1	0	17	0	—	—	—	—	—	70	—	—	—	286	—
	CANDIA	1003·0	-8·0	-13·2	WSW	5	1	26	-1	—	—	—	22	+12	—	—	0	429	398	2
	LIMASSOL	1011·1	-4·1	-3·1	—	0	4	17	+1		27	+7	9	+1	—	—	0	323	400	1
EGYPT and SUDAN	Atbara عطبرة	1010·7	-0·9	-1·2	E	2	0	29·0	+4·0	+2·5	40	+4	25	+8	56	+38	0	0	1	—
	Kassala كسلا	1006·7	-0·1	-2·5	E	1	0	33·5	-2·0	+6·4	40	+2	25	+6	30	-17	0	0	11	—
	Medani ودمدني	1009·9	-0·3	+0·1	N	3	0	33·0	+6·0	+7·8	41	+3	22	+3	34	+12	0	8	13	—
	El Fasher الفاشر	1010·0	-1·4	—	WNW	1	0	21·0	+3·5	+0·6	39	+4	11	-4	10	-12	0	1	8	—
	El Obeid الأبيض	1009·4	-0·1	-2·3	NW	1	0	25·5	-0·8	+1·9	39	+4	19	+4	28	+6	0	17	20	—
	Malakal ملكال	1010·6	+0·7	+1·3	SE	2	2	30·0	-1·2	+1·6	41	+2	26	+4	43	+17	0	103	97	—
	Wau واو	1008·2	-1·3	-0·7	SW	6	0	30·0	+2·0	+2·8	37	-1	24	+3	50	+1	0	101	166	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 01

" sunset 18 05

From Observations taken at 8h. to-day.

Wednesday 18th March, 1931 ١٩٣١ الاربعاء ١٨ مارس

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Max. yesterday	Temperature Diff. from normal	Temperature Min. last night	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct.	Rainfall Total since 1st Oct. last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1012.7	−0.1	−4.2	—	0	3	18.6	+1.0	+4.2	28		14		47	−25	0	51	88	0
MATRUH	1012.8	+0.5	−3.6	NNW	1	4	14.2	−0.8	−0.1	—	—	11	+1	96	+22	0	165	149	3
ALEXANDRIA	1012.6	+1.4	−3.1	NNE	2	2	18.1	−1.0	+2.4	28	+6	16	+3	82	+11	0	92	181	2
PORT SAID	1011.9	+2.3	−2.5	NE	2	1	19.4	−2.7	+3.0	28	+7	18	+5	74	+4	0	56	68	2
GAZA	—	—	—	—	0	0	23.7	−3.1	+7.9	34	+12	19	+9	39	−30	0	231	355	
HAIFA	1008.7	+0.7	−4.9	—	0	0	23.6	−0.9	+6.5	28	+6	17	+7	70	+8	0	649	616	1
TANTA	1012.2	+0.6		N	1	1	18.0	—		32		14		78		0	32		
ZAGAZIG	1011.4	+0.8	−4.2	NE	3	0	17.8	−1.2	+3.9	32	+7	14	+3	77	+6	0	16	26	
GIZA	1011.4	+1.0	−5.0	N	2	0	17.5	−1.7	—	33	+9	12	+4	81	—	0	21	23	
HELWAN	1009.9	−0.1	−6.1	NE	6	0	21.3	+1.5	+7.2	35	+11	17	+6	31	−32	0	19	27	
SIWA	[illegible]	+1.2	−4.0	—	0	0	17.5	−1.5	+4.0	—	—	14	+5	59	−4	0	35	6	
SUEZ	1009.5	+0.2	−6.2	N	2	0	19.5	−2.5	+4.0	29	+5	16	+3	63	−11	0	27	21	2
TOR	1010.6	−1.2	−4.1	—	0	0	24.5	+0.5	+6.4	31	+6	18	+5	89	+26	0	11	13	0
HURGHADA	1010.3	−1.3		SSE	5	2	24.2	+0.2		27		21		68		0	0		3
KOSSEIR	1011.1	−1.3		SSE	3	4	23.2	−1.8		29		22		89		0	15		2
[illegible]	1010.7	+0.3	−5.8	NE	4	0	20.0	−0.5	+5.2	35	+10	15	+5	52	−13	0	17		
[illegible]	1009.6	−0.3		NNW	1	0	18.5	−3.2	+3.5	38	+12	12	+2	67	−3				
[illegible]	1009.1	−2.1	−7.0	SSE	3	0	20.9	−0.4	+5.9	36	+9	17	+6	53	−5	0	7		
[illegible]	1009.9	−2.1		NE	2	0	24.2	+1.6	+6.3	38	+6	16	+3	38	−12				
[illegible]	1009.8	−1.0		S	1	0	22.2	−0.8		39		20		25		0	1		
[illegible]	1009.8	−1.7	−5.2	—	0	0	25.0	+1.5	+5.9	41	+10	20	+6	31	−4				
[illegible]	1008.3	−1.6	−6.4	—	0	0	25.2	+2.2	+7.6	41	+9	20	+7	31	−1				
[illegible]	1009.5	−0.1	−3.3	NE	2	0	30.0	+1.5	+7.5	43	+7	24	+7	17	−5	0	0	1	
[illegible]	1008.6	−1.6	−3.1	NW	2	0	30.0	+2.5	+5.2	42	+6	26	+9	54	+36	0	0	1	
[illegible]	1008.0	−0.3	−2.1	NNE	2	0	29.1	+0.1	+5.3	43	+7	25	+7	15	−4	0	1	5	
[illegible]	1011.4	−2.5	−1.2	SW	1	0	28.5	+1.0	+3.5	31	+2	21	+1	77	+12	0	29	106	1
[illegible]	1005.6	−1.8	−3.0	—	0	0	33.0	+0.5	+5.4	42	+2	25	+5	30	+3	0	33	40	
[illegible]	1009.0	+1.2		WNW	1	0	21.0	−2.0	+0.3	41	+5	12	−3	17	−5	0	1	8	
[illegible]	1007.8	−1.8	−3.7	NE	4	0	29.1	+2.2	+5.1	41	+5	19	+3	15	−7	0	17	20	
[illegible]	1013.1	+2.0		NNW	—	3	26.5	−1.5		40		—		63		0	93	166	

8 45 The depression is now passing over the Syrian desert to Iraq. A shallow depression has developed between the Nile and the Gulf of Suez, and pressure over Egypt remains low.

بر الانخفاض الآن على صحراء الشام وقد تكون انخفاض ضئيل ما بين النيل وخليج السويس - والضغط على مصر لا يزال منخفضا.

30 NE
5 W
30 SW
45 SSW

North to northeast winds, light on the coast, moderate to fresh inland.
Clear or occasional high cloud.
Slight possibility of rain near Gulf of Suez.
Little change in temperature.

رياح بين الشمالية والشمالية الشرقية خفيفة على الساحل وما بين المعتدلة والشديدة نوعا في الداخل - السماء صحو أو يظهر بها بعض السحاب العالي - يحتمل تساقط المطر بالقرب من خليج السويس - ولا تتغير درجة الحرارة الا قليلا.

STATION	Max.	Diff. from normal	Min.	Diff. from normal
Alexandria	82	+17	17.9	+5.0
Ezbekiya	48	−8	17.4	+4.2
Giza	46	−9	17.6	—
Helwan	30	−16	15.9	+4.8

NOTE. A dash means that the data are not available.

Terms of Subscription: Egypt and P.S. P.T. 100 annually
" " Abroad P.T. 150

Remarks

Date	Max.	Min.
18.3	730	788
17.3	728	763

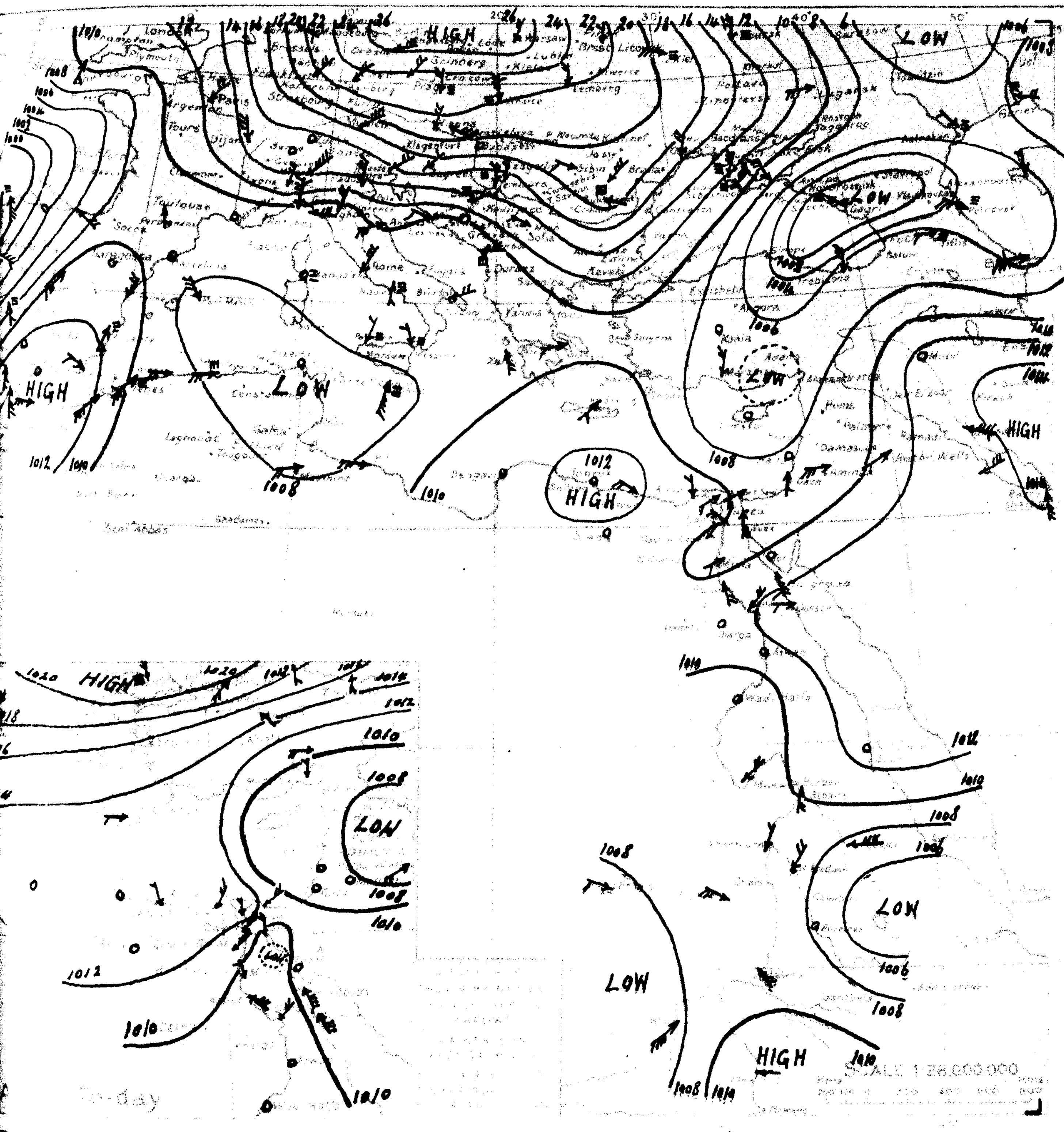
STATION	Gauge	Diff. from normal	Reading	Diff. from normal
Jebel Aulia	17.3	13.30	+0.07	13.32	+0.09
Nimule	17.3	4.64	−0.51	4.63	−0.52
Malakal	17.3	9.73	−0.46	9.76	−0.44
Roseires	18.3	11.19	−0.18	11.19	−0.18
Sennar Res.	17.3	18.84	—	18.90	—
Makwar	17.3	4.48	−0.77	4.48	−0.77
Khartoum	18.3	9.92	−0.28	9.93	−0.28
Kh. al Gerif					
Atbara	17.3	9.76	−0.30	9.76	−0.31
Wadi Halfa	17.3	1.04	−0.51	1.04	−0.53
Aswan Res.	18.3	112.10	—	112.18	—
" D.S.	18.3	85.29	−0.11	85.29	−0.12
El Lethi	18.3	16.95	−0.26	16.95	−0.27
Roda (Cairo)	18.3	15.60	−0.06	15.60	+0.06

PRINTED AT THE SURVEY OF EGYPT (929,25/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٧-٣-٣١ Barometer and Wind at 8 h. Yesterday 17.3.31.



WIND VELOCITY

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

STATE OF SKY

[illegible]	0
[illegible]	1
[illegible]	2
[illegible]	3
Entirely clouded	4
[illegible]	5
[illegible]	6
[illegible]	7
Mist or fog	8
[illegible]	9

STATE OF SEA

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

١٧-٣-٣١ From Observations taken at 8 h. yesterday 17.3.31.

[illegible]AI	1009.3	+8.3	-3.4	NE	3	4	10	0		12	—	9	—	80	—	—	—	503	—
MALTA	1007.9	+0.6	-7.1	SSW	4	4	18	+4		18	+1	13	+2	50	—	drops	361	379	1
ATHENS	1009.0	+7.7	-5.6	W	1	2	15	-2		—	—	—	—	50	—	—	—	287	—
CANDIA	1011.2	+8.2	-5.0	SW	1	4	15	-11		30	+13	12	+2	—	—	0	429	399	2
LIMASSOL	1007.4	-3.7	-6.6	—	0	0	18	+1		25	+5	10	+2	—	—	0	323	402	1
Kassala كسلا	1006.3	-0.4	-2.8	E	4	0	32.5	-1.0	+5.2	42	+4	27	+8	39	-7	0	0	11	—
Wad Medani ود مدني	1008.8	-1.1	-0.9	NE	2	1	31.0	-2.0	+5.7	41	+2	25	+6	27	+6	0	8	13	—
El Fasher الفاشر	1007.8	-2.2	—	WNW	1	0	23.0	+2.0	+2.4	41	+6	12	-3	15	-7	0	1	8	—
Malakal ملكال	1009.3	-1.3	0.0	SE	2	2	31.3	+1.3	+2.8	40	+1	28	+6	43	+16	0	103	98	—
Wau واو	1007.4	-0.8	-1.5	SW	4	1	31.0	+1.0	+3.8	41	+3	23	+2	40	-9	0	101	166	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 00

" " sunset 18 06

From Observations taken at 8h. to-day.

Thursday 19th March, 1931 ١٩٣١ الخميس ١٩ مارس

	STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	SKY	Temperature At 8 h	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1	Rainfall Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018·6	+5·9	+1·7	NE	3	3	16·2	-2·4	+1·7	[illegible]	—	15	—	83	+12	0	51	88	5
	MATRUH	1016·6	+3·8	+0·3	NNE	4	3	16·5	+2·3	+2·1	24	+4	14	+4	90	+17	0	165	150	6
	ALEXANDRIA	1015·5	+2·9	-0·2	NW	2	3	17·5	-0·6	+1·8	23	+1	14	+1	86	+15	0	92	181	2
	PORT SAID	1014·3	+2·4	0·0	NNW	1	8	18·8	-0·6	+2·3	23	+2	15	+2	83	+13	0	56	69	0
	GAZA	—	—	—	—	0	0	17·9	-5·8	+2·0	28	+6	14	+4	74	+5	0	231	356	—
	HAIFA	1011·1	+2·4	-2·5	—	0	1	20·9	-2·7	+3·7	25	+3	16	+6	65	+3	0	649	617	1
LOWER EGYPT	TANTA	1015·2	+3·0	—	N	1	0	15·2	-2·8	—	29	—	11	—	87	—	0	32		
	EZBEKIYA	1013·9	+2·5	-1·6	NNE	2	0	15·0	-2·8	+0·9	27	+4	12	+1	76	+6	0	16	26	
	GIZA	1014·2	+2·8	-2·1	—	0	0	13·0	-4·5	—	29	+5	9	+1	97	—	0	21	23	
	HELWAN	1013·8	+3·9	-2·2	NNW	1	0	15·0	-6·3	+0·7	30	+6	14	+3	75	+12	0	19	27	
	SIWA	1015·4	+3·0	-0·9	NW	1	0	16·5	-1·0	+2·9	—	—	15	+6	79	+16	0	35	6	
RED SEA	SUEZ	1013·0	+3·5	-2·6	N	2	0	17·4	-2·1	+1·8	31	+7	14	+1	67	-7	0	27	22	1
	TOR	1011·9	+1·3	-2·8	—	0	0	22·0	-2·5	+3·8	28	+3	17	+4	82	+19	0	11	13	0
	HURGHADA	1011·9	+1·6	—	NW	5	0	24·0	-0·2	—	27	—	21		31		0	0		3
	QOSSEIR																			
	GEBAL	1014·2	+3·5	-2·2	SW	1	0	16·7	-3·3	+1·8	30	+4	12	+2	58	-6	0	17		
	MINYA	1014·0	+4·4	—	NNW	1	0	16·0	-2·5	+0·9	31	+5	11	+1	64	-5				
	[illegible]	1014·7	+5·6	-1·3	WSW	2	0	17·3	-3·6	+2·1	34	+7	13	+2	56	-2	0	7		
	[illegible]	1012·6	+2·7	—	WNW	2	0	22·0	-2·2	+4·0	40	+8	18	+5	45	-5				
	[illegible]	1013·4	+3·6	—	NE	1	0	23·4	+1·2	—	40	—	21		35		0	1		
	[illegible]	1011·1	+1·3	-3·8	N	1	0	26·0	+1·0	+6·7	42	+11	22	+8	24	-10	—			
	[illegible]	1011·4	+3·1	-3·2	NNW	3	0	24·6	-0·6	+6·8	43	+11	20	+7	26	-6				
	[illegible]	1008·8	-0·7	-3·9	NE	2	0	32·6	+2·6	+9·9	43	+7	25	+8	12	-10	0	0	1	
	[illegible]	1009·1	+1·1	-0·9	NNE	1	0	27·5	-1·6	+3·6	41	+5	25	+6	11	-7	0	1	5	
	[illegible]	1011·2	-0·2	-1·3	—	0	0	28·2	-0·3	+3·1	33	+4	22	+2	75	+10	0	29	106	1
	[illegible]	1009·1	+3·5	+0·6	N	1	0	31·5	-1·5	+3·8	43	+3	27	+7	40	+13	0	33	40	
	[illegible]	1007·0	-2·0	—	SSE	1	0	28·5	+7·5	+7·6	42	+6	15	0	13	-9	0	1	8	
	[illegible]	1012·2	-0·9	—	SSE	—	2	26·0	-0·5	—	34	—			69		3	96	167	

General Situation

The depression is now passing over northern Iraq, with a shallow secondary near the Gulf of Aquaba. A strong high pressure system has been established over the Balkans and a steep gradient of pressure across the eastern Mediterranean to Egypt has resulted.

Forecast for 24 hours from noon to-day.

Moderate northerly winds, freshening. Clear at first, much medium cloud developing later. Rain in the north probable. Weather becoming much cooler.

Further outlook : Cool.

0600	25	SE
1000	10	SSE
1500	20	W
2000	40	W
3000	60	WNW

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Air Temp. Mean of Day Yesterday	Air Temp. Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	83	+18	16·9	+3·9
Ezbekiya	58	+2	16·1	+2·8
Giza	56	+1	16·0	—
Helwan	25	-21	13·9	+2·7

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by stations m.3 per sec. DATE	1931	1930
19-3	729	788
18-3	730	788

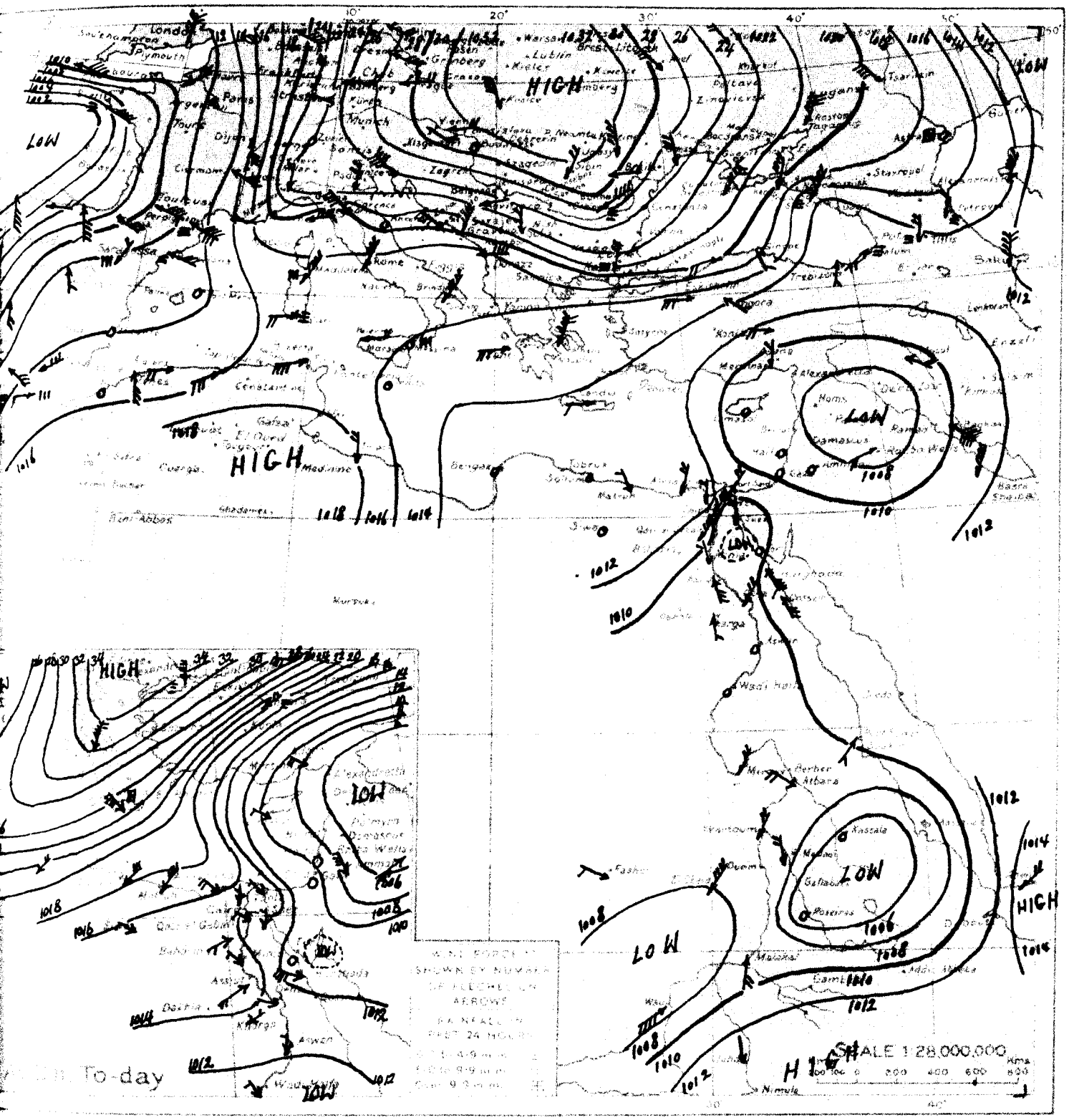
STATION	Date 1931	Reading m	Diff from normal m	Prev. Reading	Diff from normal
Juba	18-3	13.30	+0.07	13.30	+0.07
Nasser	17-3	4.64	-0.51	4.63	-0.52
Malakal	18-3	9.71	-0.47	9.73	-0.44
Roseires	19-3	11.18	-0.18	11.19	-0.18
Sennar Res.	17-3	18.84	—	18.90	—
Makwar	17-3	4.48	-0.77	4.48	-0.77
Khartoum	19-3	9.90	-0.29	9.92	-0.28
Kh. el Girba					
Atbara	19-3	9.78	-0.26	9.77	-0.28
Wadi Halfa	18-3	1.05	-0.48	1.04	-0.51
Aswan Res.	19-3	112.05	—	112.18	—
" D.S.	19-3	85.29	-0.11	85.29	-0.11
El Leithi	19-3	16.95	-0.24	16.95	-0.26
Roda (Cairo)	19-3	15.60	+0.07	15.60	+0.06

PRINTED AT THE SURVEY OF EGYPT 1929(29/459/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣- ١٨ Barometer and Wind at 8 h. Yesterday 18-3-1931



WIND VELOCITY

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

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rain	5
Sand-storm	6
Sand-storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
[illegible]	2
Moderate	3
[illegible]	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣- ١٨ From Observations taken at 8 h yesterday. 18-3-1931

Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1017.6	+8.3	+4.9	NE	3	4	10	0	—	16	—	8	—	70	—	—	—	505	—
MALTA	1014.9	+7.0	-0.1	—	0	4	14	-4	—	21	+4	13	+2	90	—	0	361	380	2
ATHENS	1015.5	+6.5	+0.9	NNE	6	5	10	-5	—	—	—	—	—	80	—	—	—	288	—
CANDIA	1013.9	+2.7	-2.1	W	1	1	17	+2	—	23	+6	11	+1	—	—	0	429	400	1
LIMASSOL	1008.4	+1.0	-5.6	—	0	4	16	-2		27	+7	8	0	—	—	0	323	403	1
Kassala كسلا	1005.3	-1.0	-3.8	—	0	0	35.0	+2.5	+7.5	42	+4	27	+8	28	-18	0	0	11	—
Medani واد مدني	1008.7	-0.1	-0.8	N	2	0	32.0	+1.0	+6.6	44	+5	25	+6	24	+3	0	8	13	—
Malakal ملكال	1008.8	-0.5	-0.5	S	2	2	30.2	-1.1	+1.6	41	+2	27	+5	48	+21	0	103	98	—
Wau واو	1007.5	+0.1	-1.4	SW	4	1	27.0	-4.0	-0.2	40	+2	25	+4	63	+13	0	101	167	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 58

" sunset 18 06

From Observations taken at 8h. to-day.

Friday 20th March, 1931 — ١٩٣١ الجمعة ٢٠ مارس

STATION	Barometer at Sea Level	Change in last 24 hours	Diff. from normal	Wind Direction	Force	Sky	Temp. at 8h.	Change in last 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity at 8h.	Diff. from normal	Rainfall 24 hours	Since 1st Jan.	Since 1st Jan. normal	Sea
	mm	mm	mm				C	C	C	C	C	C	C	%	%	mm	mm	mm	
SOLLUM	1024.4	+5.8	+7.5	NNE	2	4	14.1	-2.1	-0.6	[illegible]		12		56	-15	0	51	88	4
MATRUH	1024.7	+8.1	+8.5	NNE	4	4	15.3	-3.2	-3.3	17	-3	13	+3	83	+13	0	165	150	8
ALEXANDRIA	1022.2	+6.7	+6.6	NNW	3	4	15.3	-2.2	-0.3	21	-1	13	0	67	-14	0	92	181	3
PORT SAID	1021.0	+6.7	+6.7	NNE	3	1	16.2	-2.6	-0.4	24	+2	14	0	50	+20	0	56	69	5
GAZA	—	—	—	NW	1	3	16.1	-1.8	+2.1	24	+2	13	+3	64	-5	0	221	356	
JAFFA	1017.0	+5.9	+3.5	SSW	1	1	16.2	-4.7	-1.1	23	+1	12	+2	62	0	0	609	618	2
SUEZ	1021.1	+5.9		SW	1	3	15.5	+0.8	—	26		10		11		0	32		
ISMAILIA	1021.4	+7.5	+6.0	NNW	2	1	14.4	-2.6	+1.2	28	+3	12	+1	61	-9	0	16	27	
PORTICA	1021.6	+7.4	+5.4	NNW	2	2	14.5	+1.5	—	27	+2	10	+2	65	—	0	21	23	
HELWAN	1021.5	+7.7	+6.6	N	3	1	13.6	-1.4	-5.8	27	+4	11	-1	51	-12	0	19	28	
FAYUM	1025.1	+9.7	+8.8	—	0	0	12.0	-4.5	-4.7	—	—	8	-1	65	+3	0	35	6	
[illegible]	1020.2	+7.2	+4.6	NW	3	2	15.8	-1.6	+0.1	30	+6	14	+1	59	-15	0	27	22	2
[illegible]	1015.9	+4.0	+1.8	NW	5	0	19.7	-2.3	+1.3	30	+5	16	+3	60	+17	0	11	13	5
[illegible]	1015.6	+3.7		NNW	7	0	19.4	-4.6	—	29		16		66		0	0		5
[illegible]	1015.4	—		N	6	0	22.1	—	—	28		19		54		0	15		5
[illegible]	1021.6	+7.4	+5.2	NW	3	0	14.5	-2.2	+0.8	30	+4	12	+2	53	-11	0	17		
[illegible]	1021.4	+7.4		NNE	1	0	14.0	-2.0	-1.2	32	+6	11	+1	62	-7				
[illegible]	1021.6	+6.9	+5.7	N	4	0	14.2	-2.4	+1.2	32	+5	12	+1	66	+8	0	7		
[illegible]	1018.2	+8.6		SW	4	0	18.6	-3.4	+0.4	34	+2	—	—	61	+12				
[illegible]	1020.4	+7.0		N	2	0	20.0	-3.4		34		15		[illegible]	—	0	1		
[illegible]	1017.9	+6.8	+3.1	N	2	0	21.2	-4.8	+1.7	35	+4	18	+3	36	+2				
[illegible]	1017.2	+5.8	+2.7	N	2	0	22.8	-1.8	+4.2	36	+4	18	+5	31	-1				
[illegible]	1014.8	+6.0	+2.2	NE	3	0	25.6	-7.0	+2.7	42	+6	21	+4	16	-6	0	0	1	
[illegible]	1010.2	+0.6	-1.8	N	5	0	28.0	-3.0	+3.0	43	+7	26	+8	54	+37	0	0	1	
[illegible]	1012.4	+3.3	+2.5	N	2	0	27.1	-0.4	+3.0	40	+4	23	+4	12	-6	2	3	5	
[illegible]	1012.7	+1.5	+0.2	N	6	4	27.2	-1.0	+2.0	32	+3	24	+4	79	+14	0	29	106	6
[illegible]	1009.8	+0.2	-1.1	—	0	0	29.0	-1.0	+1.2	42	+4	22	+2	24	-21	0	0	11	
[illegible]	1009.5	—	+0.1	NNW	4	0	30.0	+2.5	+4.2	42	+3	24	+5	11	-10	0	8	13	
[illegible]	1008.6	-0.5	+0.1	NE	1	0	32.0	+0.5	+4.2	41	+1	22	+2	14	-13	0	33	40	
[illegible]	1012.2	+5.2		NW	1	0	27.0	-1.5	+5.9	41	+5	20	+5	15	-7	0	1	8	
[illegible]	1011.5	+2.5	+0.2	NE	3	0	25.0	-3.0	+0.6	40	+4	19	+3	24	+2	0	17	20	
[illegible]	1012.6	+0.6	+3.3	W	2	2	28.4	+1.2	-0.3	40	+1	25	+3	53	+25	0	104	99	
[illegible]	1012.0	+3.6	+3.2	SW	7	1	~~25.0~~	-3.6	-2.2	35?	-3	23	+2	80	+27	0	101	169	
[illegible]	1013.8	+1.6		SW	—	3	23.0	-3.0		35		—		96		10	106	168	

STATION	Reading Mean of Day		Diff. from normal	Yesterday Mean of Day	Diff. from normal
	Yesterday	Diff. from normal			
	C	C	C	C	
Alexandria	79	+14	14.6	+1.5	
Ezbekiya	62	+6	15.0	+1.6	
Giza	73	+18	14.4	—	
Helwan	60	+14	13.8	+2.6	

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Nasser river gauge reading for 25/2/31 is 4.96 m.

قراءة النيل بمقياس الناصر يوم ٢٥/٢/٣١ هي ٤٫٩٦ متر

Discharges at Assuan measured by stations m³ per sec.		
DATE	1931	1930
20.3	730	787
19.3	729	788

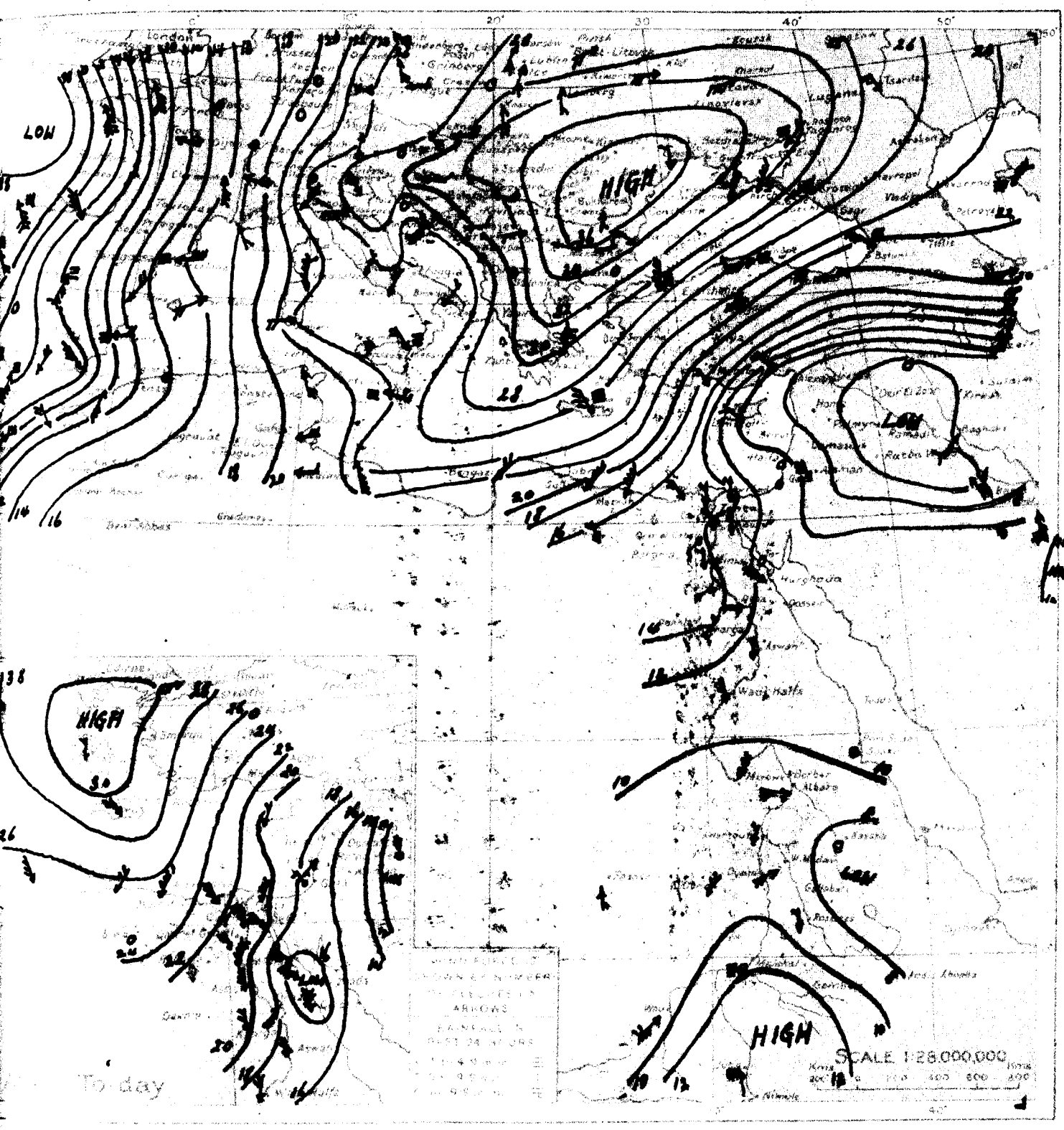
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m	m	m	m
Juba	20.3	13.38	+0.16	13.30	+0.07
Nasser *	19.3	4.65	-0.09	4.65	-0.11
Malakal	18.3	9.71	-0.47	9.73	-0.46
Roseires	19.3	11.18	-0.18	11.19	-0.18
Sennar Res.	19.3	18.70	—	18.76	—
Makwar	19.3	4.50	-0.71	4.47	-0.76
Khartoum	19.3	9.90	-0.39	9.92	-0.38
Kh. el Girba					
Atbara	19.3	9.78	-0.36	9.72	-0.38
Wadi Halfa	19.3	1.05	-0.08	1.04	-0.01
Aswan Res.	20.3	111.95	—	112.05	—
" D.S.	20.3	88.30	-0.09	85.59	-0.11
El Leithi	19.3	16.95	-0.24	16.95	-0.31
Roda (Cairo)	19.3	15.60	+0.07	15.60	+0.13

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٣١ . ٣ . ١٩ Barometer and Wind at 8 h Yesterday 19.3.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
Very high	6
Very high	7
Precipitous	8
Confused	9

.٣١ . ٣ . ١٩ From Observations taken at 8 h. yesterday 19.3.31

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. to yesterday	Rainfall: Normal from Oct. to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1024.3	+6.7	+11.6	NE	1	2	10	0	—	16	—	8	—	70	—	—	—	507	—
MALTA	1023.3	+8.4	+8.5	ESE	2	2	14	0	—	17	0	13	+2	80	—	2	363	381	2
ATHENS	1029.6	+14.1	+15.2	NNE	6	4	5	-5	—	—	—	—	—	50	—	—	—	289	—
CANDIA	1025.2	+11.3	+9.2	NW	4	4	10	-7	—	22	+5	8	-2	—	—	11	440	401	7
LIMASSOL	1008.6	+0.2	-5.4	NW	1	0	17	+1	—	22	+2	9	+1	—	—	0	323	404	1
Atbara	1009.6	+1.0	-2.0	NNW	2	0	31.0	+1.0	+6.1	43	+7	24	+6	42	+25	0	0	1	—
Kassala	1007.6	+2.3	-1.4	—	0	0	30.0	-5.0	+2.4	41	+3	24	+5	44	-1	0	0	11	—
Wad Medani	—	—	—	WSW	2	3	32.5	+0.5	+6.9	43	+4	25	+6	12	-9	0	8	13	—
El Obeid	1009.0	+1.2	-2.4	NE	2	0	28.0	-1.1	+3.8	41	+5	19	+3	44	+22	0	17	20	—
Malakal	1012.0	+3.2	+2.7	—	0	3	27.2	-3.0	-1.5	38	-1	25	+3	66	+38	1	104	98	—
Wau	1008.4	+0.9	-0.4	SW	6	2	28.6	+1.6	+1.4	36	-2	27	+6	54	+4	0	101	168	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 57

" sunset 18 07 · **Saturday 21st March,** 1931 — السبت ٢١ مارس ١٩٣١

From Observations taken at 8h. to-day.

	STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8h	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Maximum	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8h	Humidity Diff from normal	Rainfall Yesterday	Rainfall Since 1st Jan.	Rainfall Same period last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1027.4	+3.0	+10.3	ESE	2	0	13.2	-0.9	-1.6	18		9		73	+2	0	51	89	3
	MATRUH	1027.6	+2.9	+11.4	ENE	2	2	14.0	+0.7	-0.8	16	-4	13	+2	78	+5	0	165	151	4
	ALEXANDRIA	1027.8	+5.6	+12.2	NNE	2	3	16.4	+1.1	+0.5	18	-4	12	-1	58	-13	0	92	182	3
	PORT SAID	1026.6	+5.6	+12.4	ENE	3	2	15.8	-0.4	-0.9	21	0	13	-1	49	-21	0	56	69	3
	GAZA	—	—	—	—	0	8	13.6	-2.5	-2.5	18	-4	9	-1	59	-10	0	231	357	
	HAIFA	1024.2	+7.2	+10.7	—	0	0	16.0	-0.2	-1.4	19	-3	12	+1	62	0	0	649	618	2
INLAND	TANTA	1026.7	+5.6		WNW	1	0	13.5	-2.0		22		7		89		0	32		
	EZBEKIYA	1026.4	+5.0	+11.1	NE	1	0	12.9	-1.5	-1.5	22	-3	9	-2	68	-4	0	16	27	
	GIZA	1026.4	+4.8	+10.3	N	1	0	12.1	-2.4	—	22	-3	5	-3	75	—	0	21	24	
	HELWAN	1026.2	+4.7	+10.4	NNE	3	0	12.7	-0.9	-1.9	20	-5	8	-4	55	-8	0	19	29	
	FAYUM	1026.6	+1.5	+10.4	—	0	0	12.5	+0.5	-1.3	—	—	9	0	65	+3	0	35	6	
RED SEA	SUEZ	1024.7	+4.5	+9.1	N	2	0	13.5	-2.3	-2.3	21	-3	10	-3	61	-13	0	27	22	2
	TOR	1021.2	+5.3	+6.7	N	3	0	17.0	-2.7	-1.5	22	-3	14	+1	62	-1	0	11	13	3
	HURGHADA	1021.4	+5.8		NNW	7	0	16.2	-3.2		25		11		35		0	0		5
	QUSEIR	1021.4	+6.0		N	7	0	18.2	-3.9		25		16		54		0	15		8
[illegible]	[illegible]	1026.8	+5.2	+10.5	NE	2	0	14.0	-0.5	-1.2	23	-3	8	-2	62	-1	0	17		
	[illegible]	1025.8	+4.4		NNW	2	0	12.0	-2.0	-3.3	22	-4	9	-2	65	-4				
	[illegible]	1025.1	+3.5	+9.3	NNW	3	0	13.2	-1.0	-2.4	22	-6	9	-2	59	+2	0	7		
	[illegible]	1022.3	+4.1		NNW	2	0	16.4	-2.2	-2.0	29	-3	10	-3	43	-6				
	[illegible]	1024.0	+3.6		NE	1	0	16.0	-4.0		25		14		54		0	1		
	[illegible]	1021.8	+3.9	+7.1	—	0	0	17.0	-4.2	-2.8	30	-2	14	-1	34	0				
	[illegible]	1021.1	+3.9	+6.7	NNE	3	0	15.8	-7.0	-2.4	31	-2	12	-1	33	+1				
	[illegible]	1014.3	+1.9	+4.5	N	4	0	22.9	-4.2	-1.2	38	+2	20	+1	18	0	0	3	5	
	[illegible]	1018.0	+5.3	+5.5	N	5	0	25.9	-1.3	+0.6	31	+2	21	+1	57	-8	0	29	106	5
	[illegible]	1009.3	+1.5	+0.5	N	3	0	27.0	-2.0	-0.9	41	+2	24	+4	52	+7	0	0	11	
	[illegible]	1009.4	+0.8	+1.0	N	1	0	28.5	-3.5	+0.6	42	+2	21	+1	31	+4	0	33	40	
	[illegible]	1014.8	+2.6		NNW	1	0	22.5	-4.5	+1.3	40	+4	13	-2	14	-8	0	1	8	
	[illegible]	1012.7	+0.1	+3.4	NNE	3	0	29.0	+0.6	+0.3	37	-2	22	0	29	0	0	104	99	

Synopsis

9 00

The high pressure extending from the Balkans to Egypt has intensified and the pressure over Egypt is now much above normal.
A depression has appeared south of Malta and pressure west of Egypt is slowly falling.

منطقة الضغط العالى الممتدة من البلقان لمصر ازدادت قوة والضغط على مصر فاق المعدل بكثير وقد ظهر انخفاض غير لزما على جنوب مالطا والضغط فى غرب مصر آخذ فى الهبوط ببطء.

00	15	NE
10	20	NE
15	40	NNE
18	40	N

Forecast for 24 hours from noon to-day.

Moderate to fresh north and northeasterly winds.
Occasional medium cloud.
Remaining cool.

رياح بين المعتدلة والنسيم شمالية وشمالية شرقية.
يظهر بعض السحب المتوسط احيانا.
ويبقى الطقس باردا.

STATION	Humidity Mean of Day Yesterday %	Humidity Mean of Day Diff from normal %	Temperature Mean of Day Yesterday °C	Temperature Mean of Day Diff from normal °C
Alexandria	63	-2	11.8	-1.3
Ezbekiya	53	-3	12.3	-1.2
Giza	56	+1	11.9	—
Helwan	42	-4	10.4	-1.0

NOTE A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT. 150

Remarks

Discharges at Aswan measured by soundings m³ per sec.

DATE	1931	1930
20.3	730	787
19.3	729	788

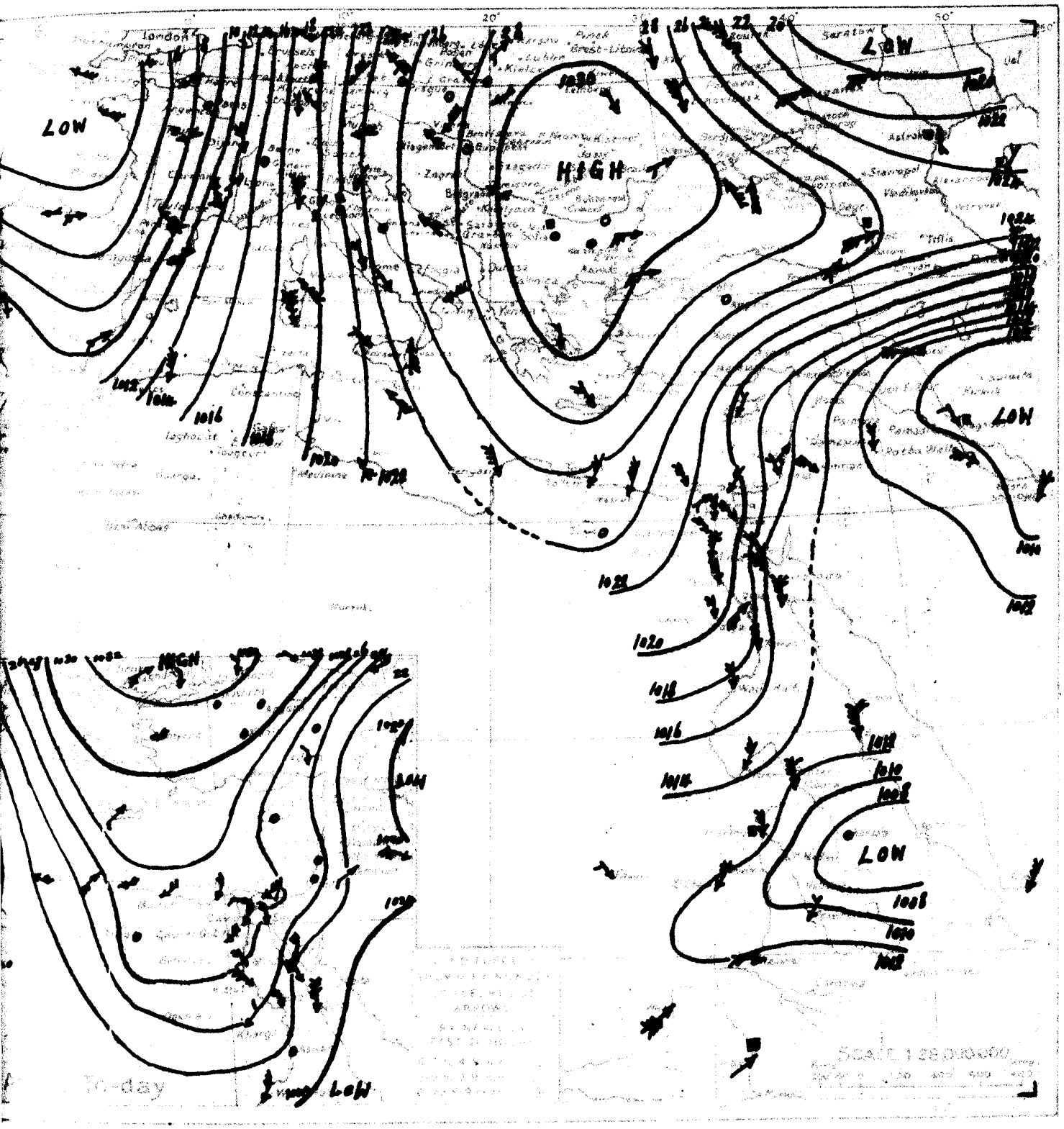
GAUGE	Date	Reading	Diff from normal	Rise Readings	Rise Diff from normal
		m	m	m	m
Juba	20.3	13.38	+0.15	13.30	+0.07
Nassir	19.3	4.65	-0.49	4.65	-0.49
Malakal	20.3	9.70	-0.47	9.70	-0.47
Roseires	21.3	11.18	-0.18	11.18	-0.18
Sennar Res.	19.3	18.70	—	18.76	—
Makwar	19.3	4.50	-0.71	4.57	-0.76
Khartoum	21.3	4.80	-0.37	4.88	-0.30
Kh. el Girba					
Atbara	20.3	9.77	-0.26	9.76	-0.26
Wadi Halfa	20.3	1.02	-0.48	1.03	-0.49
Aswan Res	20.3	111.95	—	112.05	—
" D.S.	20.3	15.30	-0.09	15.29	-0.11
El Leithi	21.3	16.96	-0.21	16.92	-0.25
Roda (Cairo)	21.3	15.82	+0.09	15.80	+0.07

PRINTED AT THE SURVEY OF EGYPT 1320(20/599/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٢-٢٠ Barometer and Wind at 8 h Yesterday 20.3.31.



WIND VELOCITY

	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	above 104	12

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Fog	5
Light rain	6
Heavy rain	7
Mist	8
Thunderstorm	9

STATE OF SEA

Calm	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

.٢١-٢-٢٠ From Observations taken at 8 h. yesterday 20.3.31.

	Barometer Reduced to Sea Level	Deviation from Normal	Temperature	Wind Direction	Wind Force	Sky	Rainfall	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature	Humidity	Rainfall	Rainfall	Rainfall	Rainfall	Rainfall	Sea
	mb.	mb.	°C					°C	°C	°C	°C	°C	°C	°C	%	mm.	mm.	mm.	mm.	mm.	
ROME	1023.6	-0.7	+10.9	N	2	4	10	0	—	17	—	7	—	—	80	—	—		509	—	
MALTA	1023.4	+0.1	+8.6	SE	5	3	15	+1	—	17	0	13	+2		80	—	0	363	382	2	
ATHENS	1030.6	+1.0	+16.2	N	1	0	5	0		—	—	—	—		50	—	—		290		
CANDIA	1028.3	+3.2	+12.4	NW	2	4	11	+1	—	17	0	8	-3		—	—	0	440	403	4	
LIMASSOL	1018.2	+9.6	+4.3	NNE	1	0	12	-5		21	+1	5	-3		—	—	0	323	406	4	

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 56 m

" " sunset 18 h 08 m

From Observations taken at 8h. to-day.

Sunday 22nd March, 1931 ١٩٣١ الأحد ٢٢ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1025.6	-1.8	+8.7	ESE	2	3	11.8	-1.4	-3.1	~~18~~	—	11	—	78	+7	0	51	89	3
	MATRUH	1026.6	-1.0	+10.5	ESE	2	2	11.7	-2.3	-3.2	17	-4	8	-3	79	+6	0	165	151	2
	ALEXANDRIA	1027.4	-0.4	+11.9	ENE	1	3	15.3	-1.1	-0.7	20	-2	11	-2	67	-3	0	92	182	2
	PORT SAID	1026.8	+0.2	+12.6	ENE	4	2	15.7	-0.1	-1.1	19	-2	14	0	56	-13	0	56	70	3
	GAZA																			
	HAIFA	1021.9	-2.3	+8.5	—	0	0	16.5	+0.5	-1.0	21	-2	12	+1	61	-1	0	649	619	2
LOWER EGYPT	TANTA	1026.6	-0.1	—	N	1	3	14.0	+0.5	—	21	—	9	—	61	—	0	32	—	—
	EZBEKIYA	1025.5	-0.9	+10.3	NE	3	1	13.4	+0.5	-1.1	22	-3	7	-4	58	-12	0	16	27	—
	GIZA	1026.5	-0.9	+9.5	NE	3	3	13.4	+1.3	—	22	-3	4	-5	55	—	0	21	24	—
	HELWAN	1025.1	-1.1	+9.3	ENE	6	3	13.2	+0.5	-1.6	20	-5	10	-2	57	+11	0	19	28	—
	SIWA	1025.2	-1.4	+9.1	ENE	1	0	13.0	+0.5	-1.1	—	—	11	+2	66	+4	0	35	6	—
RED SEA	SUEZ	1024.6	-0.1	+9.1	N	2	1	12.5	-1.0	-3.4	21	-3	10	-3	71	-3	0	27	22	2
	TOR	1021.4	+0.2	+6.9	E	1	0	16.6	-0.4	-2.1	20	-5	9	-4	55	-8	0	11	13	1
	HURGHADA	1021.8	+0.4	—	WNW	6	0	16.5	+0.3	—	21	—	10	—	47	—	0	0		3
	QOSSEIR	1021.1	-0.3	—	N	7	0	19.0	+0.8	—	22	—	16	—	54		0	15		7
UPPER EGYPT	GEBALI	1025.1	-1.7	+8.9	NNE	4	0	13.8	-0.2	-1.6	22	-4	7	-3	57	-6	0	17		
	MINYA	1025.6	-0.2	—	N	3	0	11.0	-1.0	-4.4	22	-4	6	-5	63	-6				
	ASSIUT	1023.5	-1.6	+7.8	WSW	3	0	10.8	-2.4	-5.0	23	-5	6	-5	65	+8	0	7		
	QENA	1022.2	-0.1	—	W	2	0	13.5	-2.9	-5.1	29	-3	8	-5	48	0				
	KHARGA	1022.7	-1.3	—	N	1	0	~~15.7~~	-0.3	—	25	—	14		~~40~~		0	1		
	ASWAN	1020.6	-1.2	+6.0	NE	1	0	15.7	-1.3	-4.3	28	-4	12	-3	26	-7				
NUBIA	WADI HALFA	1019.1	-2.0	+4.8	NNE	1	0	14.8	-1.0	-3.6	28	-5	11	-2	30	-1				
	MERGWA	1016.2	-0.4	+3.8	NE	4	0	21.1	+0.5	-2.1	35	-1	14	-4	6	-16	0	0	1	
	KORMA																			
	KHARTOUM	1014.8	+0.5	+5.1	NNE	2	0	21.0	-1.9	-3.3	35	-1	17	-2	10	-8	0	3	5	
SUDAN	DONGOLA	1017.0	-1.0	+4.6	N	5	0	23.7	-2.2	-1.7	28	-1	18	-2	59	-6	0	29	106	5
	KASSALA																			
	WAD MEDANI																			
	ADDIS ABEBA	1008.3	-1.1	-0.1	N	1	0	27.0	-1.5	-1.0	39	-1	22	+2	26	-1	0	33	40	
	ASHIGE																			
	GORE	1013.9	-0.7	+2.7	NE	3	0	19.0	-3.1	-5.8	39	+3	12	-4	16	-6	0	17	20	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Air Observations

Height	Time	Wind
	8 45	
500	40	ENE
1000	55	ENE
1500	35	NE
2000	45	NNE
3000		

General Situation

The high pressure over Egypt is maintained but is slowly weakening. The depression is situated between Malta and Benghasi.

الضغط العالي لا يزال الارتفاع رابطا فوق مصر إلا أنه آخذ في الانحلال ببطء ولا تقاصه الآن ما بين مالطه وبنغازي

Forecast for 24 hours from noon to day.

Northeast winds, light on the coast, moderate to fresh inland. Gusty.
Some high cloud.
Slightly warmer but temperature remaining below normal.

رياح شمالية شرقية خفيفة على الساحل وبين المعتدلة والشديدة نوعا في الداخل تهب متقطعة
يظهر بعض السحاب العالي
الطقس أميل للدفء ولكن درجة الحرارة تستمر دون المعدل

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	58	-7	12.2	-1.0
Ezbekiya	51	-4	11.2	-2.4
Giza	53	-1	10.8	—
Helwan	40	-5	9.3	-2.2

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
22-3	732	789
21-3	731	787

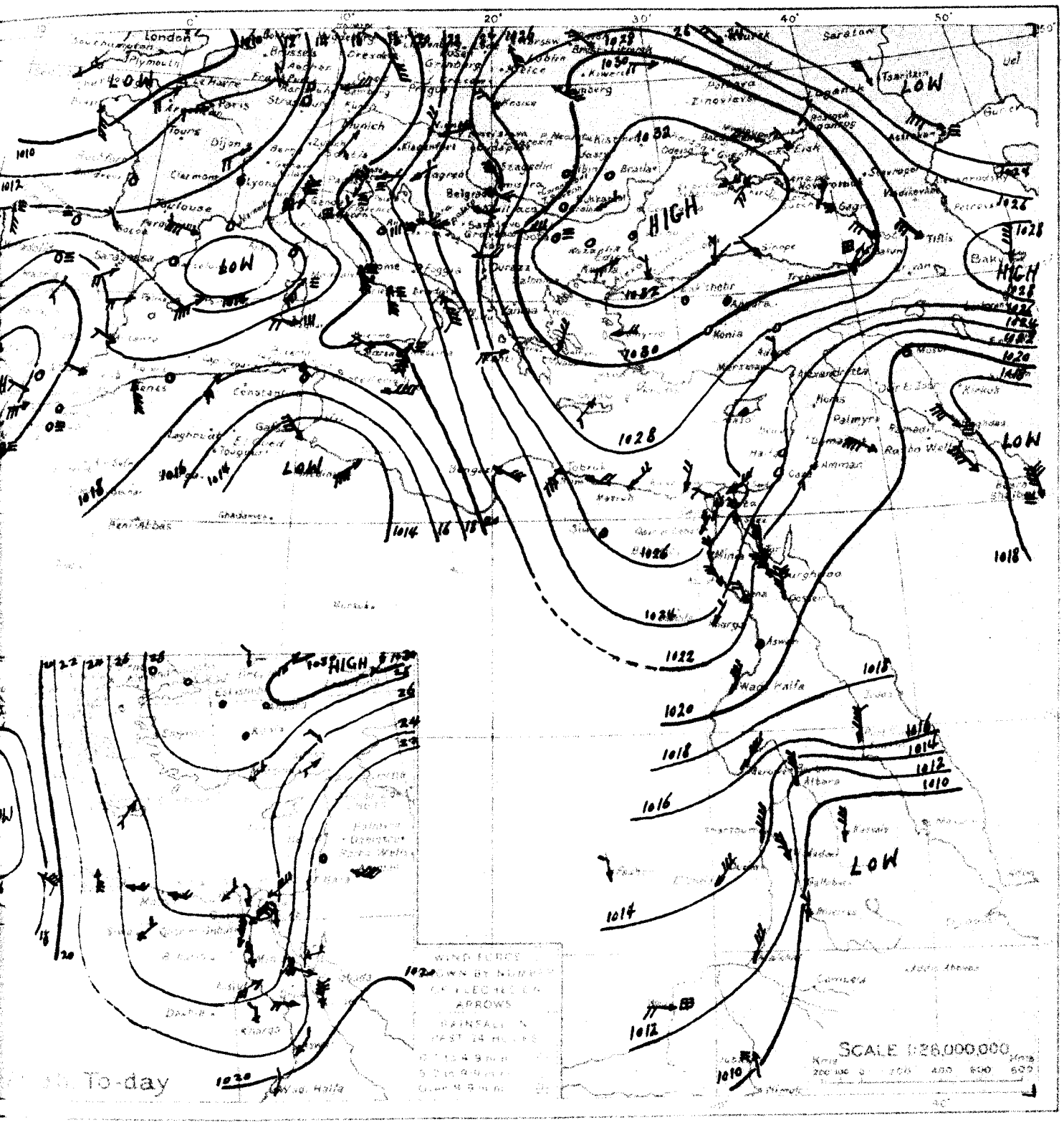
GAUGE	Date 1931	Reading m	Diff. from normal m	Reading m	Diff. from normal m
Jubba	21-3	13.50	+0.26	13.38	+0.15
Nasser	19-3	4.65	-0.49	4.65	-0.49
Malakal	21-3	9.69	-0.47	9.70	-0.47
Roseires	21-3	11.18	-0.18	11.18	-0.18
Sennar Res.	20-3	18.60	—	18.70	—
Makwar	20-3	4.50	-0.70	4.50	-0.71
Khartoum	22-3	9.82	-0.34	9.80	-0.37
Kh. el Girba					
Atbara	22-3	9.75	-0.26	9.77	-0.25
Wadi Halfa	21-3	0.99	-0.50	1.02	-0.48
Aswan Res.	22-3	111.74	—	111.85	—
" D.S.	22-3	85.30	-0.08	85.30	-0.09
El Leithi	22-3	16.96	-0.20	16.96	-0.21
Roda (Cairo)	22-3	15.62	+0.10	15.62	+0.09

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣ -٢١ Barometer and Wind at 8 h. Yesterday 21 - 3 - 1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Phenomenal	7
Confused	8
Cyclone	9

١٩٣١ -٣ -٢١ From Observations taken at 8 h. yesterday 21 - 3 - 1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Correction for Mean Temperature	BAROMETER Correction for Gravity	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Mean Max. for 24 hours	TEMPERATURE Mean Min. for 24 hours	TEMPERATURE Max. Temperature	TEMPERATURE Diff. from normal	TEMPERATURE Min. Temperature	TEMPERATURE Diff. from normal	HUM-IDITY At 8 h.	HUM-IDITY Diff. from normal	RAINFALL Rain 24 hours	RAINFALL Total from 1st Jan.	RAINFALL Normal to 1st Jan.	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	ROME	1018.6	-5.0	+5.9	S	3	5	13	+3	—	19	—	9	—	80	—	3	—	512	—
	MALTA	1018.3	-5.1	+3.5	E	4	4	14	-1	—	16	-1	13	+2	80	—	0	363	383	3
	ATHENS	1030.7	+0.1	+16.3	NNE	2	1	8	+3	—	—	—	—	—	50	—	—	—	292	—
	CANDIA	1029.1	+0.8	+13.2	SW	1	0	10	-1	—	15	-3	6	-5	—	—	0	440	404	1
	LIMASSOL	1024.4	+6.2	+10.5	—	0	0	13	+1		17	-3	4	-4	—	—	0	323	407	0
EGYPT and SUDAN	Merowe مروى	1016.6	+1.8	+4.1	NE	4	0	20.6	-5.0	-2.5	36	0	15	-2	17	-5	0	0	1	—
	Atbara عطبرة	1011.4	+1.2	0.0	N	3	0	24.0	-4.0	-1.2	38	+2	21	+3	57	+40	0	0	1	—
	Medani ودمدنى	1012.2	+2.7	+2.9	NNW	3	0	25.5	-4.5	-0.5	41	+2	20	+1	55	+34	0	8	13	—
	El Obeid الأبيض	1014.6	+3.1	+3.3	NE	3	0	22.1	-2.9	-2.5	39	+3	14	-2	24	+2	0	17	20	—
	Wau واو	1012.0	0.0	+3.2	W	2	0	25.0	0.0	-2.1	35	-3	21	0	76	+25	11	112	169	—
	Juba جوبا	1011.9	-1.9	—	SSE	—	0	26.5	+3.5	—	30	—	—	—	73	—	3	109	169	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 55

" sunset 18 08

From Observations taken at 8h. to-day.

Monday 23rd March, 1931 ١٩٣١ الاثنين ٢٣ مارس

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Maximum	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall 24 hours	Rainfall Since 1st Oct.	Rainfall Same date last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1020.4	-5.2	+3.5	ESE	2	3	14.1	+2.3	-0.9	24	—	10	—	74	+4	0	51	90	4
MARSA MATRUH	1022.3	-4.3	+6.2	SSE	2	4	13.2	+1.5	-1.8	18	-3	11	0	87	+14	0	165	152	2
ALEXANDRIA	1022.4	-5.0	+6.9	E	2	2	16.5	+1.2	+0.4	22	0	12	-1	72	+2	0	92	183	2
PORT SAID	1022.2	-4.6	+8.1	E	5	3	17.3	+1.6	+0.4	18	-4	15	+1	70	+1	0	56	70	4
GAZA	—	—	—		0	0	12.3	-2.4	-4.1	20	-2	5	-5	49	-20	0	231	359	
HAIFA	1021.9	0.0	+8.5	SSE	1	0	15.9	-0.6	-1.7	18	-5	10	-1	55	-6	0	649	620	3
[illegible]	1021.9	-4.7		N	1	4	14.2	+0.2		22		10		76		0	32		
[illegible]	1020.8	-4.7	+5.6	NE	3	3	15.0	+1.6	+0.3	23	-2	10	-1	57	-13	0	16	27	
[illegible]	1021.0	-4.5	+5.1	N	2	3	14.4	+1.0	—	23	-2	5	-4	62	—	0	21	24	
[illegible]	1020.3	-4.8	+4.6	ENE	2	4	16.4	+3.2	+1.4	23	-2	12	0	29	-33	0	19	28	
[illegible]	1018.6	-6.6	+2.5	E	1	1	13.4	+0.4	-0.8	—	—	10	+1	73	+11	0	35	6	
[illegible]	1019.9	-4.7	+4.4	N	2	3	15.5	+3.0	-0.5	25	0	12	-1	49	-25	0	27	23	2
[illegible]	1019.2	-2.2	+4.8	—	0	0	16.3	-0.3	-2.5	22	-3	9	-4	58	-5	0	11	13	0
[illegible]	1019.2	-2.6		NNW	5	0	18.8	+2.3		23		11		45		0	0		3
[illegible]	1018.6	-2.5		N	6	0	22.2	+3.2		23		17		55		0	15		6
[illegible]	1020.8	-4.3	+4.7	N	1	0	13.5	-0.3	-2.1	24	-2	7	-3	61	-2	0	17		
[illegible]	1020.2	-5.4		NNW	1	0	12.5	+1.5	-3.0	25	-2	6	-5	68	-1				
[illegible]	1020.2	-3.3	+4.6	W	2	0	13.8	+3.0	-2.2	26	-2	9	-2	55	-1	0	7		
[illegible]	1019.0	-3.2		NNE	2	0	16.7	+3.2	-2.2	30	-3	12	-1	25	-22				
[illegible]	1018.2	-4.5		NE	1	0	19.2	+3.5		26		—		30		0	1		
[illegible]	1018.3	-2.3	+3.9	NE	2	0	16.8	+1.1	-3.5	30	-2	13	-2	27	-6				
[illegible]	1016.2	-2.9	+2.1	NNE	1	0	16.6	+1.8	-2.1	28	-5	12	-2	32	+1				
[illegible]	1014.8	-1.4	+2.5	NE	2	0	21.6	+0.5	-1.8	33	-3	14	-4	16	-5	0	0	1	
[illegible]	1012.4	-2.4	+2.8	NNE	3	0	22.5	+1.5	-1.9	35	-1	17	-2	7	-11	0	3	5	
[illegible]	1013.3	-3.7	+1.0	N	5	0	24.6	+0.9	-0.9	28	-1	16	-4	54	-11	0	29	107	5
[illegible]	1008.7	+0.4	+0.4	NNE	1	0	26.5	-0.5	-1.7	40	0	20	0	28	+1	0	33	40	
[illegible]	1010.8	+0.5	+1.5	N	4	0	28.0	-0.7	-0.8	40	+1	20	-2	9	-21	0	104	99	
[illegible]	1011.2	+0.5		SW	2	2	27.0	+1.5		33		—		73		0	109	171	

9 00 Pressure over Egypt continues to fall. The depression is now approaching Crete, and there appears to be also a shallow secondary in the Libyan Desert west of Siwa Oasis.

الضغط على مصر مستمر في الهبوط حيث يقترب الانخفاض من جزيرة كريت وهناك علامات عن وجود انخفاض آخر ثانوي ضئيل على صحراء ليبيا غرب سيوه

15 ENE
30 E
5 NE
10 NNE
20 N

Light to moderate northeast to east winds, veering to the south tomorrow. High cloud increasing. Warmer.

تهب رياح شمالية شرقية الى شرقية بين الخفيفة والمعتدلة تتحول الى الجنوب غدا الثلاثاء ويزداد تكاثر السحب العالي ويزداد دفء الجو

STATION	Humidity Yesterday		Rainfall Yesterday	
	%	%	mm	mm
Alexandria	68	+3	13.1	-0.1
Ezbekiya	52	-3	11.8	-1.9
Giza	48	-6	11.3	—
Helwan	41	-4	10.2	-1.4

NOTE. A dash means that figures are not available.

Terms of Subscription: Egyptian Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Date	Sunset	Sunrise
23-3	731	789
22-3	732	789

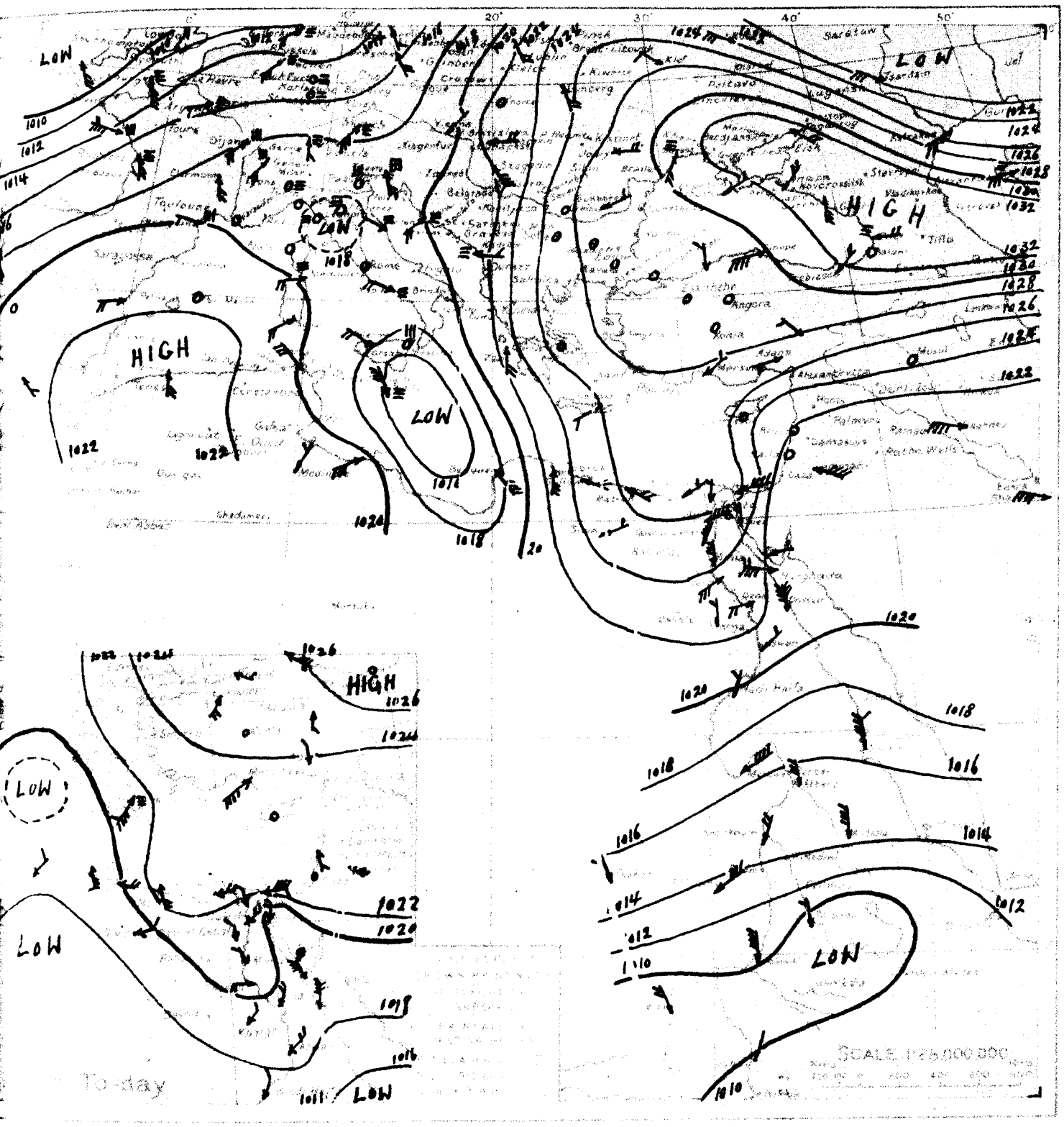
Station	Date	Reading	Diff. from normal	Reading	Diff. from normal
Jebel Aulia	22-3	13.29	+0.05	13.50	+0.26
Nasser	21-3	4.64	-0.49	4.64	-0.50
Makwar	23-3	9.69	-0.45	9.69	-0.46
Roseires	23-3	11.21	-0.15	11.20	-0.16
Sennar Res.	20-3	18.60	—	18.70	—
Makwar	20-3	4.50	-0.70	4.50	-0.71
Khartoum	23-3	9.84	-0.31	9.82	-0.34
Kh. el Girba					
Atbara	22-3	9.75	-0.26	9.77	-0.25
Wadi Halfa	22-3	0.95	-0.53	0.99	-0.50
Aswan Res.	23-3	111.68	—	111.77	—
" D.S.	23-3	85.29	-0.08	85.30	-0.08
El Lessi	23-3	16.95	-0.19	16.96	-0.20
Roda (Cairo)	23-3	15.60	+0.08	15.62	+0.10

PRINTED AT THE SURVEY OF EGYPT (Jan/29/500/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣-٢٢ Barometer and Wind at 8 h. Yesterday 22 - 3 - 1931



WIND VELOCITY

	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	Above 104	12

STATE OF SKY

Clear	0
Lightly clouded	1
Partly clouded	2
Cloudy	3
Extremely cloudy	4
Shower	5
Thunderstorm	6
Fog	7
Mist	8
Haze	9
Hoar frost	10

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Unknown	9

١٩٣١ -٣-٢٢ From Observations taken at 8 h. yesterday 22 - 3 - 1931

Station	Barometer Reduced to 0° Sea Level	Difference from Normal	Tendency in 3 hours	Wind Direction	Sky Amount	Sky Direction	Temperature	Dew Point	Difference from Normal	Max.	Difference from Normal	Min.	Difference from Normal	Humidity Max.	Difference from Normal	Rainfall Amount	Rainfall Since 8 a.m.	Rainfall Since 1 Jan.	Sea
	mm.	mm.	mm.				°C	°C		°C		°C		%		mm.	mm.	mm.	
ROME	1019.0	+0.4	+6.3	—	0	4	13	0	—	15	—	11	—	80	—	—	—	514	—
MALTA	1014.0	-4.3	-0.7	NNW	4	4	15	+1	—	17	0	14	+3	80	—	drops	363	384	4
ATHENS	1026.7	-4.0	+12.3	—	0	5	10	+2	—	—	—	—	—	60	—	—	—	293	—
CANDIA	1025.9	-3.2	+10.1	SW	1	4	14	+4	—	19	+1	8	-3	—	—	0	440	405	1
LIMASSOL	1025.9	+1.5	+12.0	—	0	0	15	+2		18	-2	4	-4	—	—	0	323	408	0
Abbara	—	—	—	N	3	0	22.0	-2.0	-3.4	37	+1	19	+1	58	+41	0	0	1	—
Kassala	1014.3	+5.0	+5.6	N	4	0	26.0	-1.0	-2.1	40	+1	23	+3	55	+11	0	0	11	—
El Fashey	1015.8	+1.0	—	NNW	1	0	17.0	-5.5	-4.4	36	0	6	-10	10	-11	0	1	8	—
Malakal	1010.3	-2.4	+1.0	N	4	0	28.7	-0.3	-0.1	38	-1	20	-2	13	-16	0	104	99	—
Wau	1008.8	-3.2	0.0	NW	2	0	25.0	0.0	-2.1	38	0	21	0	25	-27	0	112	176	—
Juba	1010.7	-1.2	—	NNE	—	3	25.5	-1.0	—	37	—	—	—	76	—	0	109	170	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 54

" sunset 18 09

From Observations taken at 8h. to-day.

Tuesday 24th March, 1931 ١٩٣١ الثلاثاء ٢٤ مارس

	STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Max.	Temperature Diff from normal	Temperature Min.	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Amount	Rainfall Duration	Rainfall Period	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	h	h	
MEDITERRANEAN	SOLLUM	1015.0	-5.4	-1.9	ESE	2	3	16.7	+1.6	+0.6	~~25~~	—	13	—	78		0	51	90	3
	MATROH	1016.2	-6.1	+0.2	SE	2	3	14.4	+1.2	-0.7	21	0	12	+1	88	+16	0	165	152	2
	ALEXANDRIA	1017.6	-4.8	+2.2	E	2	4	15.1	-1.4	-1.1	23	+1	12	-1	86	+16	0	92	183	3
	PORT SAID	1017.0	-5.2	+2.9	E	3	1	18.1	+0.8	+1.1	20	-2	16	+2	72	+3	0	56	70	3
	GAZA	—	—	—	S	1	0	14.9	+2.6	-1.6	23	+1	8	-2	36	-32	0	231	359	
	HAIFA	1015.9	-6.0	+2.6	ESE	1	0	19.7	+3.8	+2.0	19?	-4	13	+2	51	-10	0	649	621	2
LOWER EGYPT	TANTA	1017.4	-4.5	—	N	1	3	16.1	+1.9		27		10		81		0	32		
	EZBEKIYA	1016.0	-4.8	+0.9	NE	1	1	15.4	+0.4	+0.6	28	+3	10	-1	47	-23	0	16	27	
	GIZA	1016.4	-4.6	+0.5	NNW	1	1	14.2	-0.2	—	28	+3	6	-3	65	—	0	21	24	
	HELWAN	1015.8	-4.5	+0.2	—	0	1	16.2	-0.2	+1.1	29	+4	12	0	33	-29	0	19	28	
	SIWA	1014.4	-4.2	-1.6	—	0	1	13.5	+0.1	-0.8	—	—	11	+2	66	+4	0	35	6	
MID. EGYPT	MINIA	1015.2	-4.7	-0.2	N	2	1	17.0	+1.5	+0.9	28	+3	11	-2	43	-31	0	27	23	2
	FEIR	1015.2	-4.0	+0.9	—	0	0	18.6	+2.3	-0.4	25	0	10	-3	25	-38	0	11	14	1
	KOROSKO	1014.6	-4.6		NNW	5	0	21.4	+2.6		26		10		31		0	0		3
	KOSSEIR	1014.7	-3.9		W	3	0	23.5	+1.3		25		17		13		0	15		3
UPPER EGYPT	ASSIUT	1016.6	-4.2	+0.6	N	1	0	15.2	+1.7	-0.6	27	+1	7	-3	56	-7	0	17		
	WADI HALFA	1015.9	-4.3		NNW	1	0	13.0	+0.5	-2.7	28	+1	8	-3	55	-13				
	ASWAN	1016.0	-4.2	+0.5	WSW	2	0	17.8	+4.0	+1.6	29	+1	10	-1	31	-25	0	7		
	KENA	1015.5	-3.5		NNE	2	0	18.6	+1.9	-0.5	32	-1	11	-2	19	-28				
	QUSEIR	1015.0	-3.2		—	0	0	22.2	+3.0		31		—		~~22~~ 14		0	1		
	KHARGA	1015.4	-2.9	+1.1	—	0	0	19.3	+2.5	-1.2	33	+1	14	-1	29	-3				
	DAKHLA	1014.2	-2.0	+0.2	—	0	0	18.0	+1.4	-0.9	31	-2	13	-1	22	-9				
	[illegible]	1011.0	-1.4	+1.5	NNE	2	0	23.5	+1.0	-1.1	35	-1	17	-2	12	-6	0	3	5	
	[illegible]	1014.3	+1.0	+2.0	NW	2	0	25.4	+0.8	-0.2	29	0	18	-2	55	-10	0	29	107	2
	[illegible]	1006.8	-1.9	-1.5	—	0	0	27.5	+1.0	-0.9	40	0	18	-2	24	-3	0	33	40	
	[illegible]	1011.6	-1.7	+0.6	NE	3	0	21.4	+1.2	-3.7	35	-1	14	-2	31	+8	0	17	20	
	[illegible]	1008.6	-2.2	-0.7	NNE	4	1	28.9	+0.9	+0.1	39	0	21	-1	5	-25	0	104	100	

General Situation

8 15 The pressure over Egypt continues to fall. The desert depression is still west of Siwa Oasis.

الضغط آخذ في الهبوط فوق مصر ولا يزال
انخفاض الصحراء غربي واحة سيوه

0000	20	E
1000	10	E
1500	10	E
2000	5	W
3000	25	WNW

Forecast for 24 hours from noon to-day.

Light to moderate easterly winds
High cloud increasing.
Warmer. Moderate khamsin conditions.

رياح شرقية بين الخفيفة والمعتدلة
تكاثر السحب العالية
الطقس أميل للدفء وحالة خمسين متوسطة

STATION	Humidity Mean of day		Average Temperature Mean of day	
	Yesterday	Diff from normal	Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	76	+11	15.5	+2.2
Ezbekiya	40	-15	12.2	-1.6
Giza	44	-10	12.3	—
Helwan	20	-25	10.8	-0.9

NOTE. A dash means that figures are not available.

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" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
23-3	731	789
22-3	732	789

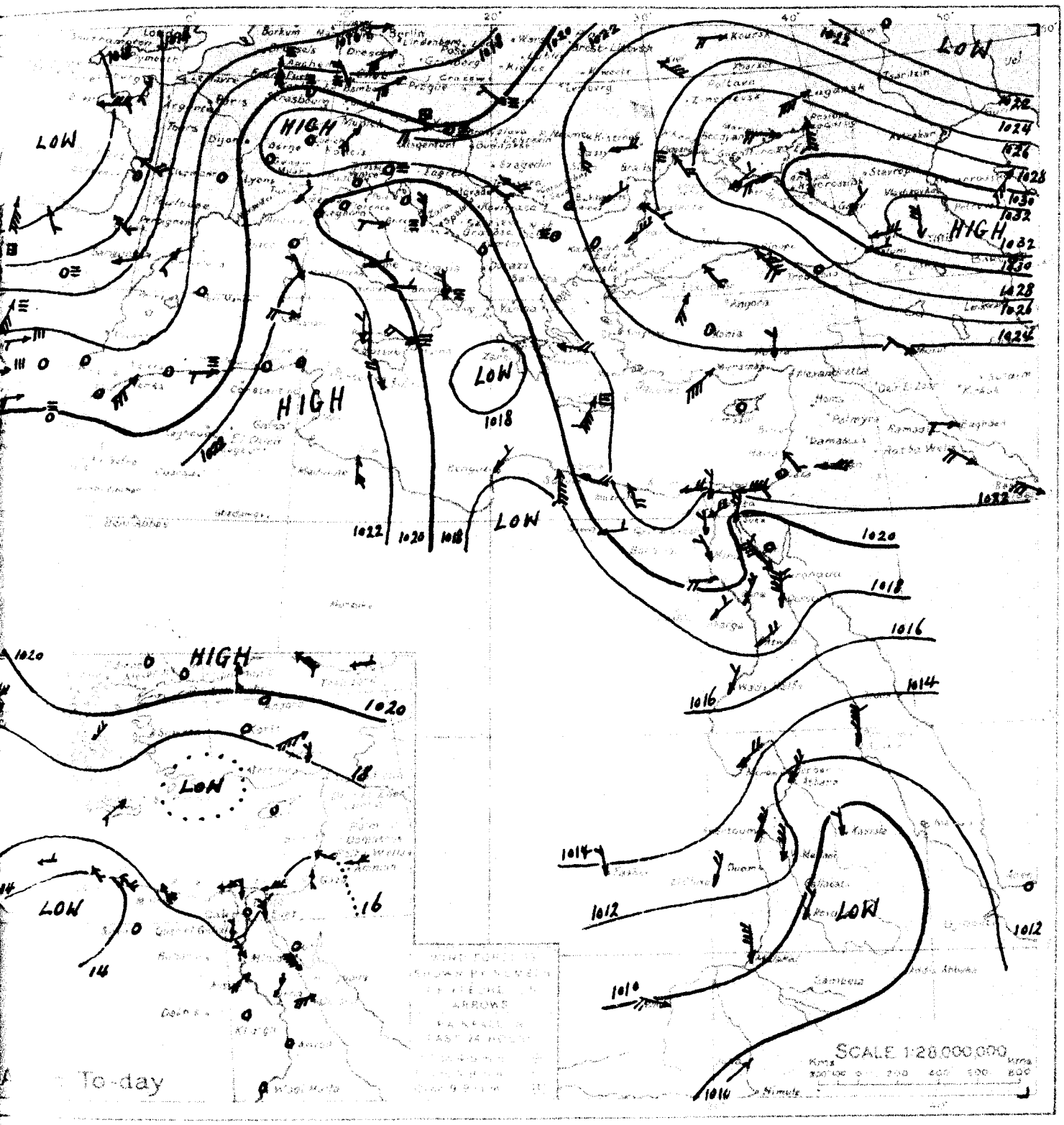
STATION	Date	Reading	Diff from normal	Rise	Diff from normal
	1931	m	m	m	m
Juba	23-3	13.38	+0.14	13.29	+0.05
Nasser	23-3	4.68	-0.45	4.66	-0.47
Malakal	23-3	9.69	-0.45	9.69	-0.44
Roseires	23-3	11.21	-0.15	11.20	-0.16
Sennar Res	23-3	18.34	—	18.44	—
Makwar	23-3	4.52	-0.66	4.52	-0.66
Khartoum	24-3	9.87	-0.27	9.84	-0.31
Kh. el Girba					
Atbara	24-3	9.69	-0.31	9.73	-0.28
Wadi Halfa	24-3	0.94	-0.52	0.94	-0.53
Aswan Res	23-3	111.68	—	111.77	—
" D.S.	23-3	85.29	-0.08	85.30	-0.08
El Leithi	24-3	16.95	-0.17	16.95	-0.19
Roda (Cairo)	24-3	15.60	+0.09	15.60	+0.08

PRINTED AT THE SURVEY OF EGYPT (929(29/589/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١-٣-٢٣ Barometer and Wind at 8 h. Yesterday 23-3-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١-٣-٢٣ From Observations taken at 8 h. yesterday 23-3-1931

Station	Barometer Reduced to Sea Level	Diff. from normal	Diff. from yesterday	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Diff. from normal	Temperature Diff. from yesterday	Temperature Max. Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Part 24 hours	Rainfall Total from Oct. to yesterday	Rainfall Normal from Oct. to yesterday	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1021.0	+2.0	+8.3	E	1	0	13	0	—	18	—	9	—	60	—	—	—	516	—
MALTA	1020.0	+6.0	+5.3	NNW	2	4	14	-1	—	17	-1	12	+1	80	—	0	363	385	2
ATHENS	1021.8	-4.9	+7.5	ESE	2	4	14	+4	—	—	—	—	—	60	—	0	—	294	—
CANDIA	1020.3	-5.6	+4.5	SSW	5	4	16	+2	—	17	-1	13	+2	—	—	drops	440	406	3
LIMASSOL	1022.8	-3.1	+9.0	—	0	4	11	-4		19	-1	4	-4	—	—	0	323	409	1
Atbara العطبرة	1011.0	—	-0.2	NE	2	0	23.0	+1.0	-2.6	36	0	17	-1	52	+35	0	0	1	—
Kassala كسلا	1009.4	-4.9	+0.7	N	1	0	27.0	+1.0	-1.2	36	-3	17	-3	29	-15	0	0	11	—
Wad Medani وادي	1012.7	+2.8	+3.6	N	3	0	24.0	-0.5	-2.5	38	-1	17	-2	23	+3	0	8	13	—
El Fasher الفاشر	1013.8	-2.0	—	NNW	1	0	17.5	+0.5	-4.0	35	-1	4	-12	8	-13	0	1	8	—
El Obeid الأبيض	1013.3	-0.6	+2.2	NNE	2	0	20.2	+1.2	-4.8	35	-1	13	-3	23	0		17	20	—
Wau واو	1009.9	+1.1	+1.1	WNW	2	1	26.0	+1.0	-1.0	39	+1	22	+1	21	-32	0	112	171	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 53

" " sunset 18 10

From Observations taken at 8 h. to-day.

Wednesday 25th March, 1931 ١٩٣١ الاربعاء ٢٥ مارس

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature Air 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Max.	Temperature Diff from normal	Temperature Min.	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Last 24 hours	Rainfall Since 1st Oct.	Rainfall Same date last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN: SOLLUM	1011.5	-3.5	-5.4	NW	3	3	16.9	+1.2	+1.7	27		14		82	+12	0	51	90	4
MATRUH	1009.5	-6.7	-6.4	NW	6	0	16.0	+1.6	+0.8	21	0	12	+1	63	-9	0	165	153	5
ALEXANDRIA	1009.1	-8.5	-6.3	SSE	4	4	14.6	-0.5	-1.7	26	+4	13	0	75	+5	0	92	183	4
PORT SAID	1010.6	-6.4	-3.4	SE	3	4	19.4	+1.3	+2.3	21	-1	17	+3	68	-1	0	56	71	3
GAZA	—	—	—	—	0	0	19.1	+4.2	+2.5	24	+2	11	+1	41	-27	0	231	360	
HAIFA	1010.4	-5.5	-2.9	SSE	1	0	19.8	+0.1	+2.0	23	0	14	+3	61	0	0	649	622	2
DELTA & CANAL: TANTA	1010.2	-7.2		NNE	1	4	15.3	-0.8		29		12		66		0	32		
EZBEKIYA	1009.9	-6.1	-5.1	SE	3	3	18.2	+2.8	+3.2	30	+5	13	+2	30	-39	0	16	28	
GIZA	1009.8	-6.6	-6.0	SE	2	3	19.1	+4.9	—	30	+5	8	-1	30	—	0	21	24	
HELWAN	1010.7	-5.1	-4.8	SSE	2	3	19.2	+3.0	+3.9	31	+6	13	+1	20	-41	0	19	29	
SIWA	1011.4	-3.0	-4.6	—	0	0	17.2	+3.7	+2.7	—	—	12	+3	63	+1	0	36	6	
RED SEA: SUEZ	1009.0	-6.2	-6.4	S	2	1	20.5	+3.5	+4.3	30	+5	14	+1	52	-22	0	27	23	2
TOR	1012.3	-2.9	-1.9	N	1	2	17.5	-1.1	-1.6	25	0	12	-1	30	-33	0	11	14	1
HURGHADA	1011.1	-3.5		NW	4	0	24.0	+2.6		28		11		41		0	0		2
QOSSEIR	1012.3	-2.4		SW	1	0	24.2	+0.7		27		17		23		0	15		1
[illegible]	1011.2	-5.4	-4.8	NE	1	0	16.7	+1.5	+0.8	30	+3	10	0	50	-13	0	17		
[illegible]	1012.3	-3.6		WSW	2	0	18.5	+5.5	+2.7	31	+4	11	0	33	-35				
[illegible]	1012.2	-3.8	-3.2	SSE	3	0	18.6	+0.8	+2.2	30	+2	13	+1	42	-13	0	7		
[illegible]	1012.7	-2.3		—	0	0	19.5	-2.7		33		17		38		0	1		
[illegible]	1013.3	-2.1	-0.9	—	0	0	22.0	+2.7	+1.3	33	+1	15	0	36	+4				
[illegible]	1013.1	-1.1	-0.9	—	0	0	18.0	0.0	-1.1	34	+1	12	-2	33	+3				
[illegible]	1010.3	-0.7	+0.9	NNE	2	0	24.7	+1.2	-0.1	37	0	20	+1	19	+1	0	3	5	
[illegible]	1011.8	-2.5	-0.4	N	2	0	25.5	+0.1	-0.2	29	-1	19	-1	59	-5	0	29	107	2
[illegible]	1006.7	-0.1	-1.5	—	0	0	28.0	+0.5	-0.5	41	+1	20	0	27	0	0	33	40	

8 30	The depression is travelling rapidly in a northeasterly direction and is now centred off Alexandria.

يسير الانخفاض بسرعة نحو الشمال الشرقي ويقع الآن بالقرب من الاسكندرية

[illegible]	40 S
[illegible]	40 SW
[illegible]	50 SW
[illegible]	45 WSW
[illegible]	50 W

Forecast for 24 hours from noon to-day.

Moderate southerly winds veering to west and northwest tomorrow and freshening. Some medium cloud. Cooler tomorrow but temperature remaining above normal. Khamsin conditions probably breaking tonight.

رياح معتدلة جنوبية تتحول الى الغرب والشمال الغربي غداً وتشتد نوعاً. تظهر بعض السحب المتوسط ويبرد الطقس ولكن درجة الحرارة تبقى فوق المعدل ويحتمل ان تنكسر حدة الخماسين الليلة.

STATION	Humidity Average Day		Evaporation Average Day	
	Ratio %	Diff from normal	mm	Diff from normal
Alexandria	76	+11	16.1	+2.7
Ezbekiya	34	-21	13.3	-0.6
Giza	43	-11	13.4	
Helwan	15	-30	11.8	+0.1

NOTE. A dash means that figures are not available.

Terms of Subscription: By Inland Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharge at Aswan measured by Sudan m³ per sec.		
DATE		
25.3	731	787
24.3	729	788

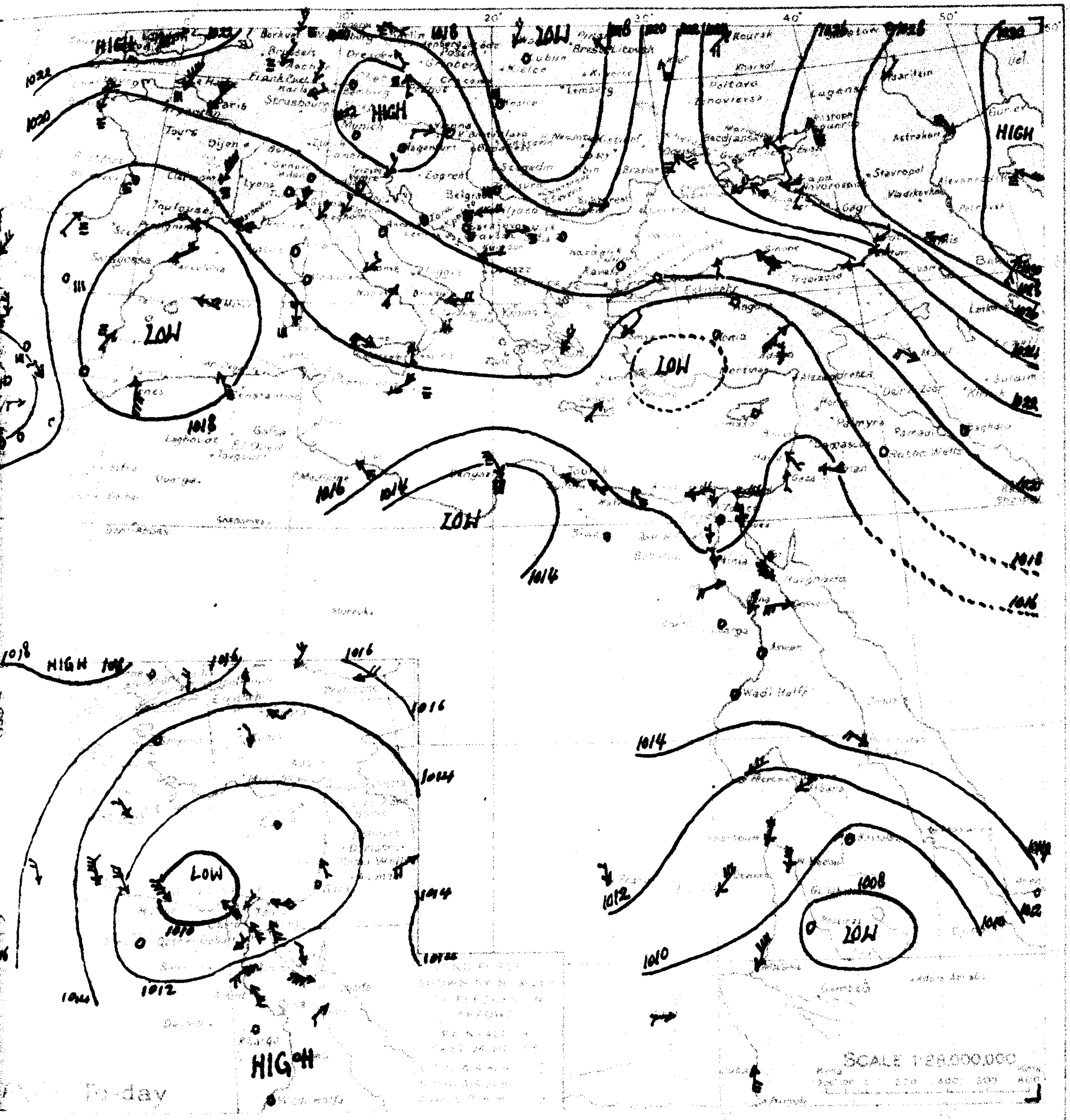
Station	Date	Reading	Diff from normal	Reading	Diff from normal
Dongola	24.3	13.37	+0.13	13.38	+0.14
Nasser	23.3	4.68	-0.45	4.66	-0.47
Malakal	24.3	9.70	-0.43	9.69	-0.45
Roseires	25.3	11.25	-0.11	11.22	-0.14
Sennar Res.	24.3	18.27	—	18.34	—
Makwar	24.3	4.51	-0.68	4.52	-0.66
Khartoum	25.3	9.88	-0.26	9.87	-0.27
Kh. el Girba					
Atbara	24.3	9.69	-0.31	9.73	-0.28
Wadi Halfa	24.3	0.94	-0.52	0.94	-0.53
Aswan Res.	25.3	111.55	—	111.61	—
" G.S.	25.3	85.28	-0.08	85.28	-0.09
El Lettih	25.3	16.95	-0.16	16.95	-0.17
Roda (Cairo)	25.3	15.60	+0.09	15.60	+0.09

PRINTED AT THE SURVEY OF EGYPT 1929(35/699) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٣-٢٤ Barometer and Wind at 8 h. Yesterday 24. 3. 31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٣-٢٤ From Observations taken at 8 h. yesterday 24.3.31

Station	Barometer: Reduced to Sea Level	Barometer: Change	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change		Max.	Max. from normal	Min.	Min. from normal	Humidity: 8 h.	Humidity: from normal	Rainfall: 24 h.	Rainfall: Total	Rainfall: Normal	SEA
	mb.	mb.	mb.				°C	°C			°C	°C	°C	%		mm.	mm.	mm.	
ROME	1018.8	-2.2	+6.1	NE	1	4	11	-2	—	19	—	9	—	50	—	—	—	518	—
MALTA	1017.0	-3.0	+2.3	ENE	3	4	14	0	—	16	-2	14	+3	80	—	tr	363	386	2
ATHENS	1019.0	-2.8	+4.7	NNE	2	4	13	-1	—	—	—	—	—	70	—	—	—	295	—
CANDIA	1017.6	-2.7	+2.0	SW	1	4	14	-2	—	21	+3	11	0	—	—	0	440	407	1
LIMASSOL	1017.2	-5.6	+3.4	—	0	1	15	+4		18	-2	6	-3	—	—	0	323	411	1
Merowe مروي	1012.0	-2.8	-0.2	NE	2	0	23.6	+2.0	0.0	36	-1	15	-3	6	-15	0	0.	1	—
Atbara عطبرة	1011.1	+0.1	0.0	NE	2	0	23.5	+0.5	-2.2	36	-1	19	+1	26	+9	0	0	1	—
Kassala كسلا	1009.3	-0.1	+0.7	—	0	0	27.0	0.0	-1.4	37	-2	19	-1	43	0	0	8	11	—
Wad Medani ود مدني	1010.6	-2.1	+1.5	N	3	0	27.5	+3.5	+0.8	38	-1	18	-2	21	+1	0	8	13	—
El Fasher الفاشر	1012.4	-1.4	—	NNW	1	1	15.0	-2.5	-6.7	37	+1	5	-4	7	-14	0	1	8	—
Wau واو	1008.4	-1.5	-0.3	W	1	1	24.5	-1.5	-2.5	39	+1	20	-1	43	-11	0	112	172	—
Juba جوبا	1008.7	-2.5	—	S	3	2	27.5	+0.5	—	36	—	—	—	70	—	0	109	172	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 50

" sunset 18 10

From Observations taken at 8h. to-day.

Thursday 26th March, 1931 ١٩٣١ الخميس ٢٦ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st October	Rainfall: Normal to 1st October	Rainfall: Excess since 1st October	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.8	+2.3	-3.1	NW	2	2	15.6	-1.3	+0.2	23	—	11	—	81	+11	0	51	91	3	
	MATRUH	1012.7	+3.2	-3.2	NW	3	2	14.8	-1.2	-0.5	18	-3	12	+1	72	0	0	165	153	3	
	ALEXANDRIA	1011.6	+2.5	-3.7	NW	3	3	17.2	+2.6	+0.8	20	-2	14	+1	76	+6	0	92	184	3	
	PORT SAID	1009.4	-1.2	-4.6	WNW	4	1	17.9	-1.5	+0.7	22	0	15	+1	76	+7	0	56	71	3	
	GAZA	—	—	—	SW	2	2	17.3	-1.8	+0.6	28	+6	15	+5	76	+8	0	231	361	—	
	HAIFA	1004.4	-6.0	-8.8	SSE	1	1	19.4	-0.4	+1.4	23	0	15	+4	64	+3	0	649	623	3	
LOWER EGYPT	TANTA	1011.1	+0.9	—	W	2	0	17.3	+2.0	—	33	—	12	—	75	—	0	32	—	—	
	EZBEKIYA	1012.4	+2.5	-2.6	W	3	3	16.0	-2.2	+0.9	32	+6	14	+2	73	+4	0	16	28	—	
	GIZA	1011.4	+1.6	-4.3	W	3	3	17.0	-2.1	—	32	+6	12	+3	79	—	0	21	24	—	
	HELWAN	1012.0	+1.3	-3.5	WSW	2	4	15.8	-3.4	+0.3	33	+8	14	+2	78	+17	0	19	29	—	
	FAYUM	1014.3	+2.9	-1.6	—	0	0	14.2	-3.0	-0.4	—	—	14	+4	77	+16	0	35	6	—	
RED SEA	SUEZ	1009.6	+0.6	-5.7	S	1	4	18.5	-2.0	+2.2	27	+2	15	+2	62	-12	0	27	23	1	
	TOR	1011.1	-1.2	-3.1	N	1	0	23.0	—	+3.7	32	+6	10	-4	44	-19	0	11	14	1	
	HURGHADA	1009.3	-1.8	—	NNW	6	0	23.2	-0.8	—	30	—	11	—	46	—	0	0	—	4	
	EL QOSSEIR	1009.5	-2.8	—	W	1	0	24.9	+0.7	—	28	—	19	—	28	—	0	15	—	1	
UPPER EGYPT	ASYUT	1013.6	+2.4	-2.3	NW	2	0	17.0	+0.3	+1.0	34	+7	12	+2	70	+8	0	17			
	[illegible]	1014.2	+1.9	—	NW	1	0	16.0	-2.5	0.0	36	+9	11	0	69	+1					
	[illegible]	1014.3	+2.1	-1.0	WNW	3	0	18.0	-0.6	+1.4	36	+8	13	+1	60	+5	0	7			
	[illegible]	1011.9	—	—	W	3	0	21.9	—	+2.4	37	+4	16	+2	35	-11					
	KHARGA	1013.5	+0.8	—	NE	1	0	22.0	+2.5	—	36	—	—	—	54	—	0	1			
	ASWAN	1011.5	-1.8	-2.6	—	0	0	24.0	+2.0	+3.1	36	+4	17	+2	26	-6					
UPPER NILE	WADI HALFA	1011.6	-1.5	-2.3	—	0	0	19.6	+1.6	+0.3	37	+3	13	-1	23	-7					
	[illegible]	1010.7	-0.8	-1.3	NE	2	0	25.6	0.0	+1.6	39	+2	17	-1	16	-5	0	0	1		
	[illegible]	1011.1	-0.1	+0.2	NE	2	0	25.5	+0.5	-0.6	38	+1	18	0	39	+23	0	0	1		
	[illegible]	1010.2	-0.1	+0.9	NNE	2	0	25.4	+0.7	+0.4	38	+1	20	+1	10	-8	0	3	5		
	[illegible]	1013.0	+1.2	+0.9	—	0	0	26.3	+0.8	+0.5	31	+1	18	-2	71	+7	0	29	107	1	
	[illegible]	1007.6	+0.5	-0.8	—	0	0	26.0	-2.5	-2.6	40	+1	19	-1	39	-3	0	0	11		
	[illegible]	1005.8	-0.9	-2.4	—	0	0	28.5	+0.5	-0.2	42	+2	20	0	26	-1	0	33	40		
	[illegible]	1009.9	-0.8		WNW	1	0	21.0	+3.0	-1.1	88	+1	10	-6	10	-11	0	1	8		
	[illegible]	1011.9	+1.9	+1.0	ENE	4	2	24.6	-0.2	-0.8	39	+2	16	-1	27	+4	0	17	21		
	[illegible]	1009.3	+0.5	+0.1	N	2	2	30.0	-1.2	+1.2	41	+2	24	+2	37	+5	0	104	100		
	[illegible]	1007.1	+0.1	-1.6	SW	4	1	30.0	+2.0	+3.1	41	+3	24	+3	47	-9	0	112	173		
	[illegible]	1010.4	-0.6		SSW	—	2	27.0	+2.0		36		—		66		0	112	174		

Forecast for 24 hours from noon to-day.

STATION	Humidity: Mean of day		Mean temperature: Yesterday	Mean temperature: Diff. from normal
	%	%	°C	°C
Alexandria	78	+13	15.0	+1.6
Ezbekiya	34	-21	13.3	-0.6
Giza	32	-22	14.0	—
Helwan	25	-20	12.9	+1.1

NOTE: A dash means that figures are not available.

Terms of Subscription: By land Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³/s per sec.

DATE	1931	1930
25.3	731	787
24.3	729	788

STATION	Sun	Rainfall	Difference from normal	Rainfall	Difference from normal
	h.	in.	in.	in.	in.
Luxor	26.3	13.34	+0.10	13.36	+0.12
Kasser	24.3	4.75	-0.37	4.68	-0.45
Malaka	24.3	9.70	-0.43	9.69	-0.45
Roseires	25.3	11.25	-0.11	11.22	-0.14
Sennar Res.	25.3	18.18	—	18.27	—
Makwar	25.3	4.51	-0.69	4.51	-0.68
Khartoum	25.3	9.88	-0.26	9.87	-0.27
Kh. el Gerba					
Atbara	24.3	9.69	-0.31	9.73	-0.28
Wadi Halfa	24.3	0.94	-0.52	0.94	-0.53
Aswan Res.	25.3	111.55	—	111.61	—
" D.S.	25.3	85.28	-0.08	85.28	-0.09
El Lahi	26.3	16.95	-0.15	16.95	-0.16
Roda (Cairo)	25.3	15.60	+0.09	15.60	+0.09

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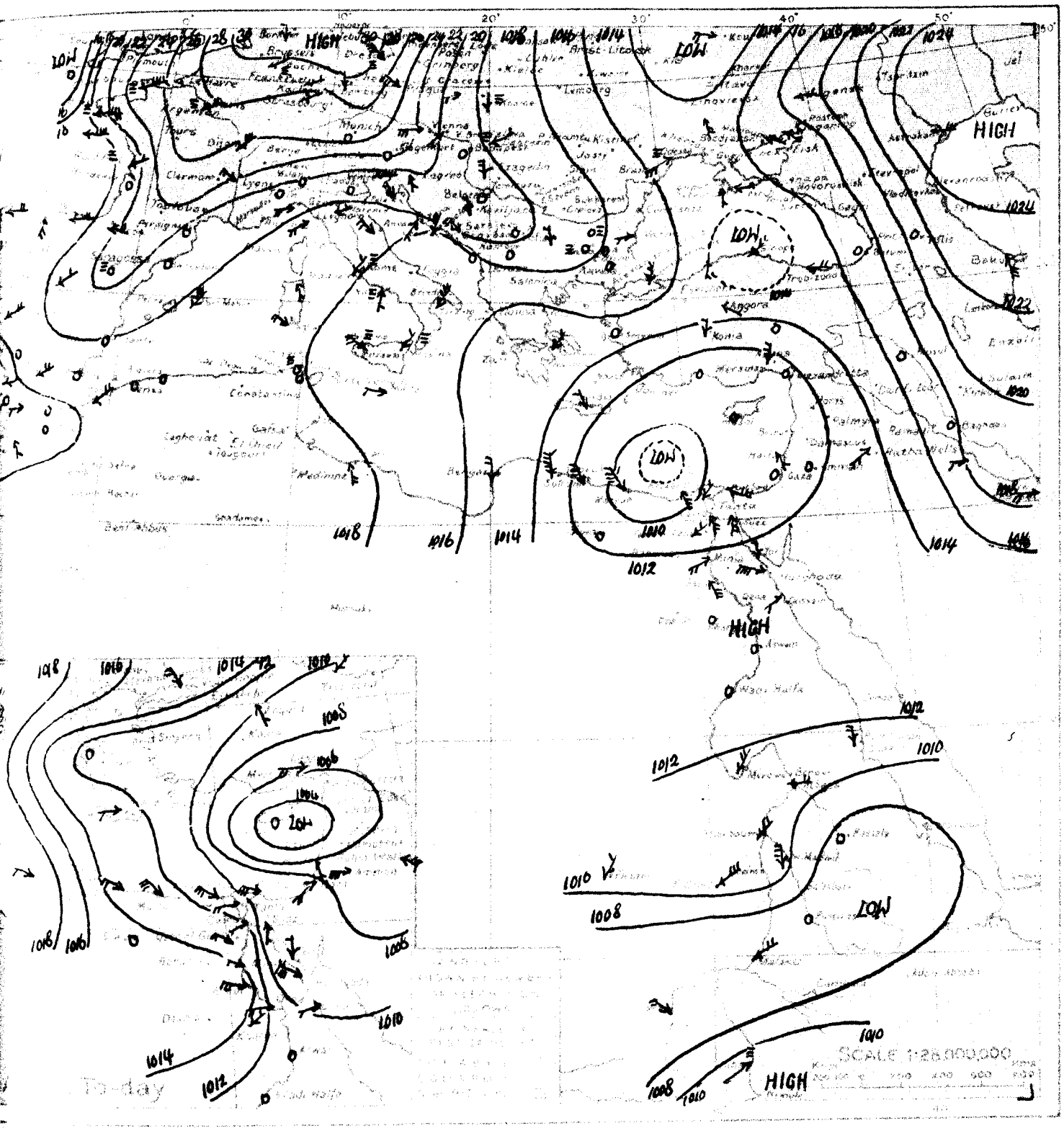
PHYSICAL DEPARTMENT.

REPORT.

٣١-٣-٢٥ Barometer and Wind at 8 h. Yesterday 25.3.31



WIND VELOCITY

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

STATE OF SKY

Clear	0
Lightly clouded	1
Partly clouded	2
Cloudy	3
Entirely clouded	4
Fog	5
Sandstorm	6
Snowstorm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
Heavy sea	6
Very heavy sea	7
Phenomenal	8
Confused	9

٣١-٣-٢٥ From Observations taken at 8 h. yesterday 25.3.31.

	Barometer Sea Level	Change	Tendency	Wind Direction	Force	Sky	Temperature	Change	Dew Point	Relative Humidity	Max.	Min.	Max.	Min.	Rainfall			Sea
	mb	mb	mb				°C	°C	°C		°C	°C	°C	°C	mm	mm	mm	
Rome	1018.6	-0.2	+5.9	NE	1	3	12	+1	—	16	—	9	—	80	—	tr.	—	520	—
Malta	1017.4	+0.4	+2.8	WNW	1	0	14	0	—	16	-2	11	0	90	—	0	363	367	1
Athens	1014.6	-4.4	+0.3	NNE	1	3	13	0	—	—	—	—	—	70	—	—	—	296	—
Candia	1012.6	-5.0	-3.0	NW	1	1	16	+2	—	16	-2	13	+2	—	—	0	440	409	3
Limassol	1011.1	-6.1	-2.7	—	0	2	17	+2	—	20	0	8	-1	—	—	0	323	412	1
Merowe مروى	1011.5	-0.5	-0.6	NE	2	0	26.6	+2.0	+1.8	38	+1	17	-1	10	-11	0	0	1	—
Atbara عطبره	1011.2	+0.1	+0.2	E	2	0	25.0	+1.5	-0.9	37	0	19	+1	34	+18	0	0	1	—
Kassala كسلا	1007.1	-2.2	-1.4	—	0	0	28.5	+1.5	0.0	38	-1	20	0	37	-6	0	0	11	—
Wad Medani ودمدني	1010.2	-0.4	+1.2	N	3	0	26.5	-1.0	-0.3	39	0	20	0	34	+15	0	8	13	—
El Fasher الفاشر	1010.7	-1.7	—	NNE	1	1	18.0	+3.0	-3.9	36	0	7	-9	13	-8	0	1	8	—
El Obeid الابيض	1010.0	-1.6	-1.0	NE	3	0	24.8	+3.4	-0.5	37	+1	15	-2	21	-2	0	17	21	—
Malakal الملاكال	1008.8	+0.2	-0.4	ENE	2	0	31.2	+2.3	+2.4	40	+1	19	-3	10	-21	0	104	100	—
Wau واو	1007.0	-1.4	-1.7	NW	2	0	28.0	+3.5	+1.1	42	+4	21	0	24	-31	0	112	173	—
Juba جوبا	1011.0	+2.3	—	SW	—	3	25.0	-2.5	—	40	—	—	—	60	—	3	112	173	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 50

" sunset 18 11

From Observations taken at 8h. to-day.

Friday 27th March, 1931 ١٩٣١ الجمعة ٢٧ مارس

STATION	Barometer Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall			Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1013.8	0.0	-3.1	N	2	0	12.2	-3.4	-3.2	22		10		75	+5	0	51	91	3
MATRUH	1013.4	+0.7	-2.4	N	3	0	14.6	-0.2	-0.8	18	-3	11	0	74	+2	0	165	154	3
ALEXANDRIA	1013.9	+2.3	-1.4	SW	2	2	15.6	-1.6	-0.9	21	-1	13	0	85	+15	0	92	184	4
PORT SAID	1013.4	+4.0	-0.5	N	2	2	16.1	-1.8	-1.2	22	0	13	-1	80	+11	0	56	71	4
ISMAILIA	—	—	—	S	1	0	17.1	+1.8	+2.2	21	-1	11	+1	63	-5	0	231	361	
SUEZ	1009.3	+4.9	-3.9	SSW	3	3	17.9	-1.5	-0.2	22	-1	13	+2	53	-8	0	649	624	2
TOR	1013.9	+2.8		W	1	0	15.8	-1.5		24		10		80		0	32		
ABU RUDEIS	1013.5	+1.1	-1.4	SSE	2	0	15.6	-0.4	+0.4	25	-1	13	+1	57	-12	0	16	28	
NEKHEL	1014.3	+2.9	-1.3	SSE	2	0	16.3	-0.7	—	25	-1	8	-1	65	—	0	21	24	
EL ARISH	1014.6	+2.6	-0.8	SSE	2	0	15.2	-0.6	-0.5	23	-2	13	+1	51	-9	0	19	29	
GAZA	1013.1	-1.2	-2.7	—	0	0	15.5	+1.3	+0.7	—	—	12	+2	59	-2	0	35	7	
JAFFA	1012.6	+3.0	-2.7	S	2	1	20.4	+1.9	+4.0	26	+1	14	0	53	-21	0	27	24	2
LYDDA	1013.9	+2.8	-0.2	N	1	0	21.1	-1.9	+1.7	28	+2	12	-2	65	+1	0	11	14	1
MAJDEL YABA	1013.4	+4.1		NNW	5	0	21.9	-1.3		27		14		45		0	0		3
GAZA	1014.0	+4.5		N	2	0	24.1	-0.8		34		17		29		0	15		2
BEER SEBA	1015.4	+1.8	-0.4	ENE	1	0	16.8	-0.2	+0.6	25	-2	10	0	58	-4	0	17		
KHAN YUNIS	1015.2	+1.0		SSW	2	0	15.5	-0.5	-0.6	25	-2	10	-2	54	-14				
EL ARISH	1016.3	+2.0	+1.1	WSW	2	0	17.8	-0.2	+1.0	26	-3	13	+1	44	-10	0	7		
RAFAH	1015.2	+3.3		WSW	2	0	19.2	-2.7	-0.5	33	0	12	-2	41	-4				
ABU AGEILA	1015.9	+2.4		—	0	0	20.8	-1.2		29		14		43		0	1		
KASR EL NILE	1015.2	+3.7	+1.1	NE	1	2	21.0	-3.0	-0.1	34	+1	16	0	27	-5				
ASSIUT	1013.9	+2.3	+0.1	N	1	0	20.0	+0.4	+0.5	38	+4	16	+2	32	+2				
MINIA	1012.0	+1.3	+0.1	NE	2	0	26.6	+1.0	+2.4	39	+2	19	+1	18	-3	0	0	1	
BENI SUEF	1011.5	+0.4	+0.7	N	2	0	26.6	+1.1	+0.4	39	+2	17	-2	36	+20	0	0	1	
CAIRO	1010.4	+0.2	+1.2	N	2	0	25.0	-0.4	-0.1	38	+1	19	0	11	-6	0	3	5	
FAYOUM	1012.7	-0.3	+0.6	S	1	0	28.1	+1.8	+2.2	31	+1	20	0	62	-2	0	29	107	1
WADI HALFA	1006.0	-1.6	-2.4	—	0	0	29.0	+3.0	+0.2	40	+1	18	-2	29	-13	0	0	11	
KOSSEIR	1006.3	+0.5	-1.8	NNE	1	0	27.5	-1.0	-1.3	42	+2	19	-1	24	-3	0	33	41	
ASWAN	1009.4	-0.5		NW	1	0	22.0	+1.0	-0.3	40	+3	12	-4	10	-11	0	1	8	
KHARGA	1009.8	-2.1	-1.0	NNE	1	0	24.2	-0.4	-1.4	39	+2	14	-3	22	-1	0	17	21	
DAKHLA	1009.9	+0.6	+0.7	NNW	1	2	30.1	+0.1	+1.3	41	+2	25	+3	47	+15	0	104	101	
FARAFRA	—	—	—	WSW	6	1	30.8	+0.8	+4.0	40	+2	26	+5	43	-14	0	112	174	
SIWA	1010.8	+0.4		SW	—	2	27.5	+0.5		37		—	—	60	—	0	112	175	

General Situation

Forecast for 24 hours from noon to-day

STATION	Humidity Mean of Day		Sunshine Duration yesterday	
	%	%	hours	hours
Alexandria	73	+7	14.7	+1.2
Ezbekiya	52	-3	13.7	-0.1
Giza	57	+5	14.3	—
Helwan	52	+8	13.1	+1.2

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post P.T.100 annually

" " Abroad P.T.150

Remarks

Discharge at Aswan measured by slipper m.3 per sec.

DATE	1931	1930
27.3	730	789
26.3	732	789

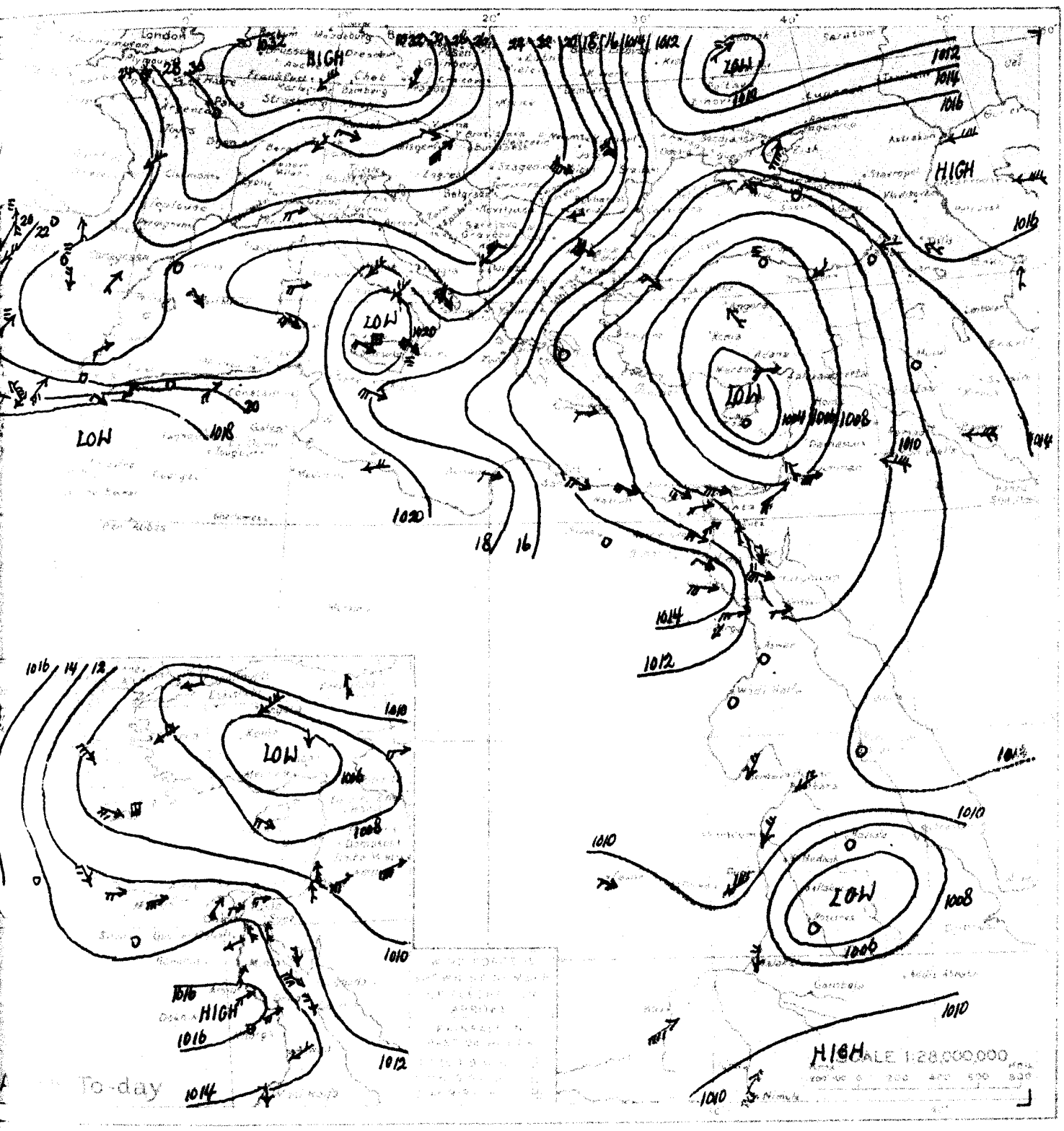
Juba	27.3	13.34	+0.10	13.34	+0.10
Nimule	26.3	4.84	-0.28	4.78	-0.34
Malakal	26.3	9.72	-0.39	9.71	-0.41
Roseires	27.3	11.21	-0.14	11.23	-0.13
Sennar Res.	27.3	17.99	—	18.09	—
Makwar	27.3	4.60	-0.61	4.51	-0.69
Khartoum	27.3	9.88	-0.25	9.89	-0.24
Kh. el Girba					
Atbara	26.3	9.69	-0.31	9.69	-0.31
Wadi Halfa	26.3	0.97	-0.46	0.95	-0.50
Aswan Res.	27.3	111.35	—	111.48	—
" D.S.	27.3	85.28	-0.07	85.28	-0.08
El Lessan	27.3	16.94	-0.14	16.95	-0.15
Roda (Cairo)	27.3	15.60	+0.09	15.60	+0.09

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/) 1930(30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٣-٢٦ Barometer and Wind at 8 h Yesterday 26.3.31



WIND VELOCITY

	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 above	104	12

STATE OF SKY

Clear	0
Fair	1
Partly cloudy	2
Cloudy	3
Very cloudy	4
Fog	5
Mist	6
Haze	7
Hoar frost	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٣١-٣-٢٦ From Observations taken at 8 h yesterday 26.3.31.

	Barometer Reduced to 32° Fahr.	Diff. from normal	Diff. from yesterday	Direction	Force	Sky	Air	Diff. from normal	Sea	Max.	Diff. from normal	Min.	Diff. from normal	Humidity 8 a.m.	Diff. from normal	Rainfall 8 a.m.	Rainfall yesterday	Rainfall 8 a.m.	SEA
	in.	in.	in.				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
ROME	1019.8	+1.2	+7.1	NE	2	0	11	-1	—	18	—	7	—	60	—	—	—	623	—
MALTA	1017.5	+0.1	+2.9	WNW	4	3	13	-1	—	17	-1	12	+1	80	—	0	363	388	2
ATHENS	1011.2	-3.4	-3.1	—	0	4	12	-1	—	—	—	—	—	60	—	—	—	297	—
CANDIA	1012.3	-0.3	-3.2	W	1	2	16	0	—	23	+5	10	-1	—	—	0	440	410	2
BENGASSOL	1003.6	-7.5	-10.0	—	0	0	19	+2	—	21	0	7	-2	—	—	0	323	413	1

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO to-morrow

Time of sunrise 05 49

" sunset 18 11

From Observations taken at 8h. to-day.

Saturday 28th March, 1931 — ١٩٣١ السبت ٢٨ مارس

Barometer			Wind Direction	Wind Force	Sky	Temperature							Humidity		Rainfall			Sea
1013.5	-0.3	-3.4	WNW	3	4	11.1	-1.1	-4.4	24		9		70	0	0	51	91	4
1012.6	-0.8	-3.2	NW	3	5	13.2	-1.4	-2.3	19	-2	12	+1	68	-4	2	167	154	3
1011.2	-2.7	-4.0	W	2	4	18.5	+2.9	+1.9	21	-1	14	+1	63	-7	0	92	184	3
1012.3	-1.1	-1.6	SE	3	4	17.0	+0.9	-0.4	20	-2	14	0	61	-7	0	56	72	2
—	—	—	S	1	1	17.8	-1.3	+0.8	21	-1	9	-1	54	-14	0	231	362	
1012.0	+2.7	-1.2	SSE	3	1	16.1	-1.8	-2.1	20	-3	10	-1	61	0	17	650	625	2
1011.8	-2.1		SE	1	4	17.4	+1.6		25		12		52		0	32		
1011.2	-2.3	-3.6	SSE	2	3	17.3	+1.7	+1.9	26	0	15	+3	49	-20	0	16	28	
1012.2	-2.1	-3.3	SSE	2	3	17.9	+1.6	—	27	+1	10	+1	45	—	0	21	24	
1011.9	-2.7	-3.4	SE	2	2	28.5	+5.3	+4.6	26	0	15	+3	28	-32	0	19	29	
1013.1	0.0	-2.7	W	1	2	13.5	-2.0	-1.5	—		14	+4	95	+34	0	35	7	
1012.3	-0.3	-3.0	S	3	1	20.0	-0.4	+3.5	25	0	14	0	55	-19	0	27	24	2
1013.8	-0.1	-0.3	—	0	0	21.0	-0.1	+1.5	27	+1	13	-1	49	-15	0	11	14	0
1013.6	+0.2		WSW	3	0	23.5	+1.6		25		12		38		0	0		1
~~1015.8~~ 1014.4	+1.8		N	1	0	24.7	+0.6		25		16		41		0	15		1
1013.0	-2.4	-2.7	NE	1	0	16.6	-0.2	+0.2	27	0	11	+1	50	-12	0	17		
1012.0	-3.2		WSW	2	0	18.5	+3.0	+2.2	27	0	11	-1	42	-26				
1013.5	-2.8	-1.6	SSE	3	0	18.2	+0.4	+1.2	26	-3	12	0	48	-6	0	7		
1014.2	-1.0		~~NNE~~	2	1	19.3	+0.1	-0.5	31	-3	12	-2	35	-9				
1012.4	-3.5		—	0	0	22.0	+1.2		29		—		41		0	1		
1013.6	-1.6	-0.4	—	0	3	20.7	-0.3	-0.5	30	-3	17	+1	29	-2				
1011.9	-2.0	-1.7	—	0	0	22.4	+2.4	+2.7	32	-2	17	+2	28	-2				
1011.1	-0.9	-0.7	NE	2	0	26.6	0.0	+2.2	39	+2	18	0	13	-8	0	0	1	
1010.0	-0.4	+0.8	N	1	0	25.0	0.0	-0.3	39	+2	21	+2	11	-6	0	3	5	
1014.0	+1.3	+2.0	N	2	0	26.1	-2.0	+0.1	32	+2	20	0	62	-2	0	29	107	2
1005.9	-0.4	-2.1	NNE	1	0	29.0	+1.5	0.0	43	+3	18	-2	19	-8	0	33	41	
1009.1	-0.7	-1.6	NE	3	0	25.4	+1.2	-0.4	39	+2	16	-1	18	-5	0	17	21	

Synopsis

8 30 The depression which has deepened is now centred over Asia Minor, and there is a shallow secondary depression to the southwest of Cairo. The pressure over Egypt is much disturbed.

تبع الانخفاض الذي ازداد عمقا على آسيا الصغرى
يوجد انخفاض آخر ثانوي ضحل في الجنوب الغربي للقاهرة
والضغط على القطر المصري في غاية الاضطراب

500	35	SSE
1000	25	SSW
1500	25	SW
2000	45	W
3000		

Forecast for 24 hours from noon to-day.

Moderate to fresh winds, west to northwest on the coast, south veering to west inland.
Becoming overcast with low cloud. Rain in the north; possibility of scattered showers tomorrow.
Becoming much cooler.
Further outlook: cool weather.

رياح بين المعتدلة والنسيم غربية إلى شمالية غربية على الساحل
وجنوبية تتحول إلى الغرب في الداخل — تنقلب السماء بالغيم
وتمطر في الشمال ويحتمل أن تمطر محليا — برد الجو كثيرا
وإذا نظرنا بعيدا فإن الجو يستمر باردا

Remarks

STATION	Sunshine Yesterday Hours	Departure from Normal	Solar Radiation Cal. per cm. sq.	Departure from Normal
	h.	h.	Cal.	Cal.
Alexandria	79	+13	14.2	+0.6
Ezbakiya	46	-9	12.9	-1.2
Giza	47	-5	13.4	—
Helwan	34	-10	11.9	-0.1

NOTE. A dash means that figures are not available.

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

DATE	1931	1929
27-3	730	789
26-3	732	789

Station	Date	Reading	Departure	Reading	Departure
		m	m	m	m
Juba	27-3	13.34	+0.10	13.34	+0.10
Nassir	27-3	4.86	-0.26	4.84	-0.28
Malakal	27-3	9.72	-0.39	9.72	-0.39
Rosaires	28-3	11.20	-0.16	11.21	-0.14
Sennar Res.	27-3	17.99	—	18.09	—
Makwar	27-3	4.60	-0.61	4.51	-0.69
Khartoum	28-3	9.87	-0.25	9.88	-0.25
Kh. el Gerbi					
Atbara	28-3	9.73	-0.26	9.71	-0.28
Wadi Haifa	28-3	1.01	-0.40	1.00	-0.42
Aswan Res.	27-3	111.35	—	111.48	—
" D.S.	27-3	85.28	-0.07	85.28	-0.08
El Lebba	28-3	16.94	-0.12	16.94	-0.14
Roda (Cairo)	28-3	15.60	+0.10	15.60	+0.09

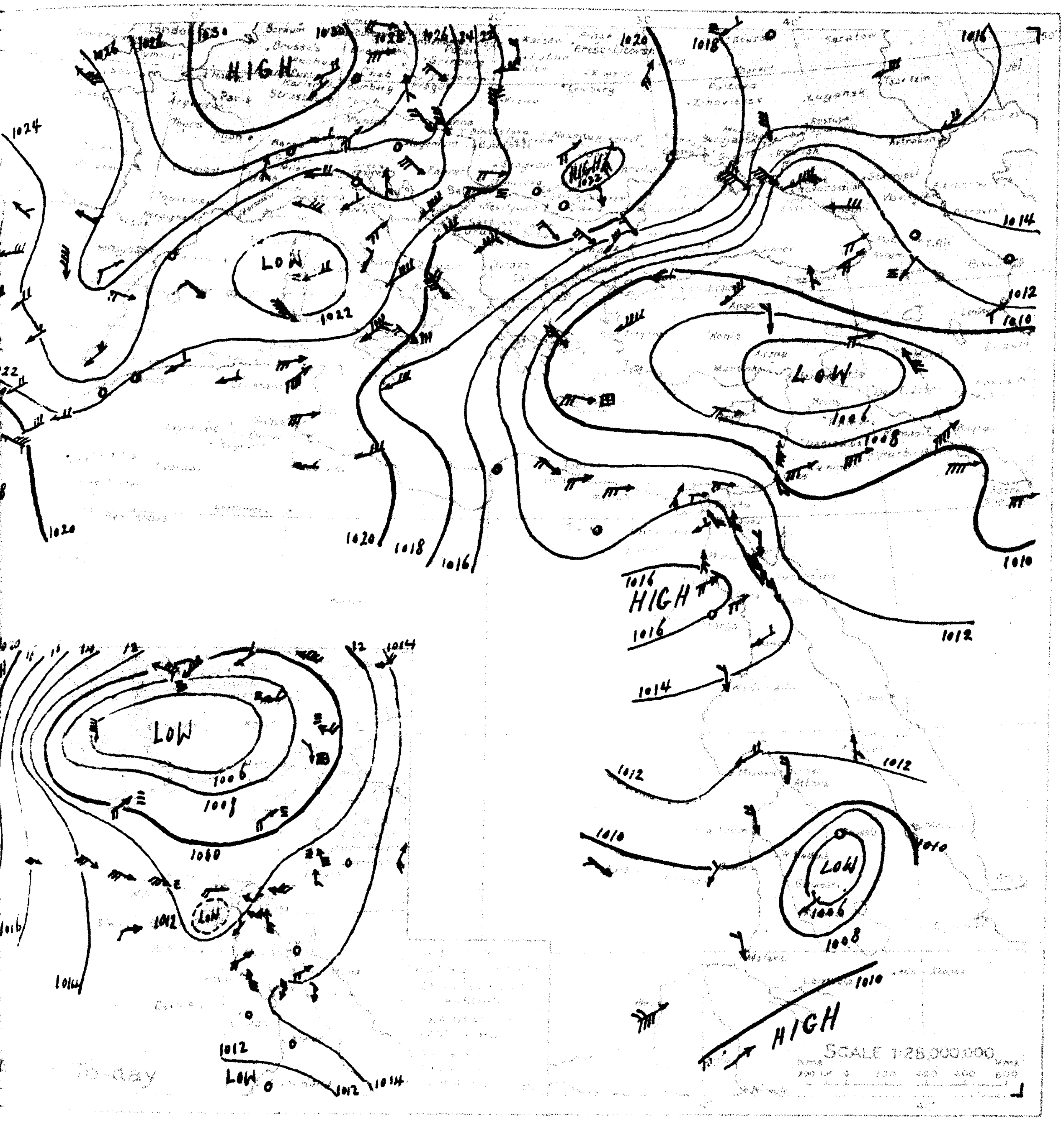
Terms of Subscription Bylaw and Post P.T. 100 annually
" " Abroad P.T. 150 "

Printed at the Press of Egypt (1929/27/599/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT:

١٩٣١ -٣ -٢٧ Barometer and Wind at 8 h Yesterday 27 - 3 - 1931



WIND VELOCITY

	Km/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 above 104		12

STATE OF SKY

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

STATE OF SEA

Calm	0
[illegible]	1
[illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
[illegible]	6
Very high	7
[illegible]	8
Confused	9

١٩٣١ -٣ -٢٧ From Observations taken at 8 h yesterday 27 - 3 - 1931

Station	[illegible]	[illegible]	[illegible]	Wind	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	°C	Diff. from normal °C	°C	Diff. from normal °C	Humidity %	Humidity Diff. from normal	Rainfall Past 24 h mm	Rainfall Total mm	Rainfall Normal mm	SEA
[illegible]	1022·3	+2·5	+9·6	NE	1	0	8	-3	—	17	—	5	—	40	—	—	—	525	—
MALTA	1016·8	-0·7	+2·4	ENE	3	3	13	0		16	-2	12	+1	60	—	0	363	390	2
[illegible]	1009·9	-1·3	-4·3	NW	3	5	4	-8	—	—	—	—	—	70	—	—	—	298	—
CANDIA	1009·6	-2·7	-5·9	WNW	3	1	13	-3	—	18	0	10	-1	—	—	10	450	411	4
[illegible]	1006·8	+3·2	-6·8	WNW	2	3	17	-2		24	+3	11	+2	—	—	0	323	415	2

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 48

" sunset 18 12

From Observations taken at 8h to-day.

Sunday 29th March, 1931 ١٩٣١ الأحد ٢٩ مارس

Station	Barometer Reduced to 0° Sea level	Change in 24 hours	Diff. from normal	Wind Direction	Force	Sky	Temp. Air	Change in 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Amount	Duration	Since 8 h.	Sea
Sollum	1018.4	+4.9	+1.5	WNW	3	3	9.4	-1.7	-6.2	19		6		63	-6	0	51	92	4
Matruh	1018.3	+5.7	+2.6	W	3	0	10.2	-3.0	-5.4	17	-4	7	-4	74	+3	7	174	155	3
Alexandria	1018.8	+7.6	+3.6	WNW	3	2	14.3	-4.2	-2.4	19	-3	11	-2	50	-20	drops	92	185	4
Port Said	1017.1	+4.8	+3.2	W	4	0	14.6	-2.4	-2.9	26	+4	12	-2	60	-8	0	56	72	4
Gaza																			
Haifa	1013.0	+1.0	-0.1	SSE	4	2	16.2	+0.1	-2.2	25	+2	12	+1	61	0	0	650	625	3
Tanta	1018.2	+6.4		S	1	0	12.0	-5.4		27		6		75		0	32		
Zagazig	1019.0	+7.8	+4.2	NW	1	0	12.4	-4.9	-3.1	30	+4	9	-3	60	-9	0	16	28	
Ismailia	1018.7	+6.5	+3.3	NW	1	0	12.9	-5.0	—	30	+4	5	-4	62	—	0	21	25	
Port Said	1019.1	+7.2	+3.9	NW	2	0	10.0	-10.5	-6.0	30	+4	8	-4	62	+3	0	19	29	
Suez	1020.3	+7.2	+4.6	—	0	0	10.0	-3.5	-5.1	—	—	7	-3	68	+8	0	35	7	
Tor	1018.7	+6.1	+3.2	N	3	0	14.9	-5.1	-1.8	27	+2	11	-3	59	-14	0	27	24	2
Zafarana	1013.6	-0.2	-0.4	NW	6	0	19.2	-1.8	-0.4	28	+2	18	+4	34	-30	0	11	14	6
Hurghada	1013.6	0.0		NNW	8	0	18.8	-4.7		27		16		53		0	0		6
Dosseir	1012.8	-3.0		NW	7	0	20.6	-4.1		26		18		70		0	15		7
[illegible]	1019.9	+6.9	+4.2	NW	3	0	12.2	-4.4	-4.3	31	+4	7	-3	56	-6	0	17		
[illegible]	1019.8	+7.8		N	3	0	12.5	-6.0	-4.0	31	+3	8	-4	57	-11				
[illegible]	1019.9	+6.4	+4.9	NNW	4	0	13.6	-4.6	-3.5	32	+3	12	0	62	+9	0	7		
[illegible]	1016.0	+1.8		WNW	4	0	18.3	-1.0	-1.7	35	+1	15	+1	35	-9				
[illegible]	1017.8	+5.4		N	2	0	16.0	-6.0		34		15		45		0	1		
[illegible]	1015.6	+2.0	+1.7	N	4	0	20.0	-0.7	-1.5	38	+5	17	+1	32	+1				
[illegible]	1013.8	+1.9	+0.3	N	4	0	19.6	-2.8	0.0	39	+5	18	+3	47	+18				
[illegible]	1009.1	-0.9	-0.1	—	0	1	28.8	+3.8	+3.4	40	+3	23	+4	19	+2	0	3	5	
[illegible]	1011.4	-2.6	-0.6	—	0	0	27.9	+1.8	+1.8	30	0	22	+2	65	+1	0	29	107	1
[illegible]	1008.3	+2.4	+0.3	NNE	1	0	29.0	0.0	-0.1	43	+3	20	0	24	-3	0	33	41	

Synopsis of Situation

8 30

The main depression has now reached the Black Sea; the secondary crossed Egypt yesterday evening and is now moving over the Syrian desert to Iraq. Pressure over Egypt has risen quickly and a high pressure system has formed in the west.

قد وصل الانخفاض الرئيسي الآن الى البحر الأسود وقد مر الانخفاض الثانوي فوق مصر مساء البارحة وهو الآن يجتاز الصحراء السورية الى العراق وقد ارتفع الضغط فوق مصر بسرعة وتكون ارتفاع في الغرب

500	15	NW
1000	25	NW
1500	30	NW
2000		
3000		

Forecast for 24 hours from noon to-day.

Moderate to fresh west to northwest winds.
At times much medium cloud.
Possibility of light rain in the north.
Remaining abnormally cool.

رياح بين المعتدلة والنشيطة غربية وشمالية غربية
يكثر السحاب المتوسط الارتفاع أحيانا
ربما يساقط مطر خفيف في الشمال
يستمر الطقس مائلا للبرودة بدرجة غير عادية

Station	Humidity (Mean of day)		Evaporation in 24 hours	
	Value	Diff. from normal	Value	Diff. from normal
Alexandria	59	-7	12.5	-1.1
Ezbekiya	58	+3	13.8	-0.4
Giza	52	0	14.0	—
Helwan	44	0	13.1	+1.1

NOTE. A dash means that figures are not available.

Remarks

Discharges at Assuan measured by Sarras gauge per sec.		
DATE	1931	1930
29-3	732	786
28-3	731	788

Station	Date	Reading	Diff. from normal	Reading	Diff. from normal
Juba	28-3	13.36	+0.11	13.34	+0.10
Nasser	27-3	4.86	-0.26	4.84	-0.28
Malakal	28-3	9.71	-0.39	9.72	-0.39
Roseires	29-3	11.18	-0.17	11.20	-0.15
Sennar Res.	28-3	17.88	—	17.99	—
Makwar	28-3	4.59	-0.62	4.60	-0.61
Khartoum	29-3	9.89	-0.23	9.87	-0.25
Kh. el Girba					
Atbara	29-3	9.75	-0.24	9.73	-0.26
Wadi Halfa	28-3	1.01	-0.40	1.00	-0.42
Aswan Res.	29-3	111.17	—	111.28	—
" D.S.	29-3	85.30	-0.05	85.29	-0.06
El Lelfin	29-3	16.94	-0.11	16.94	-0.12
Roda (Cairo)	28-3	15.60	+0.10	15.60	+0.09

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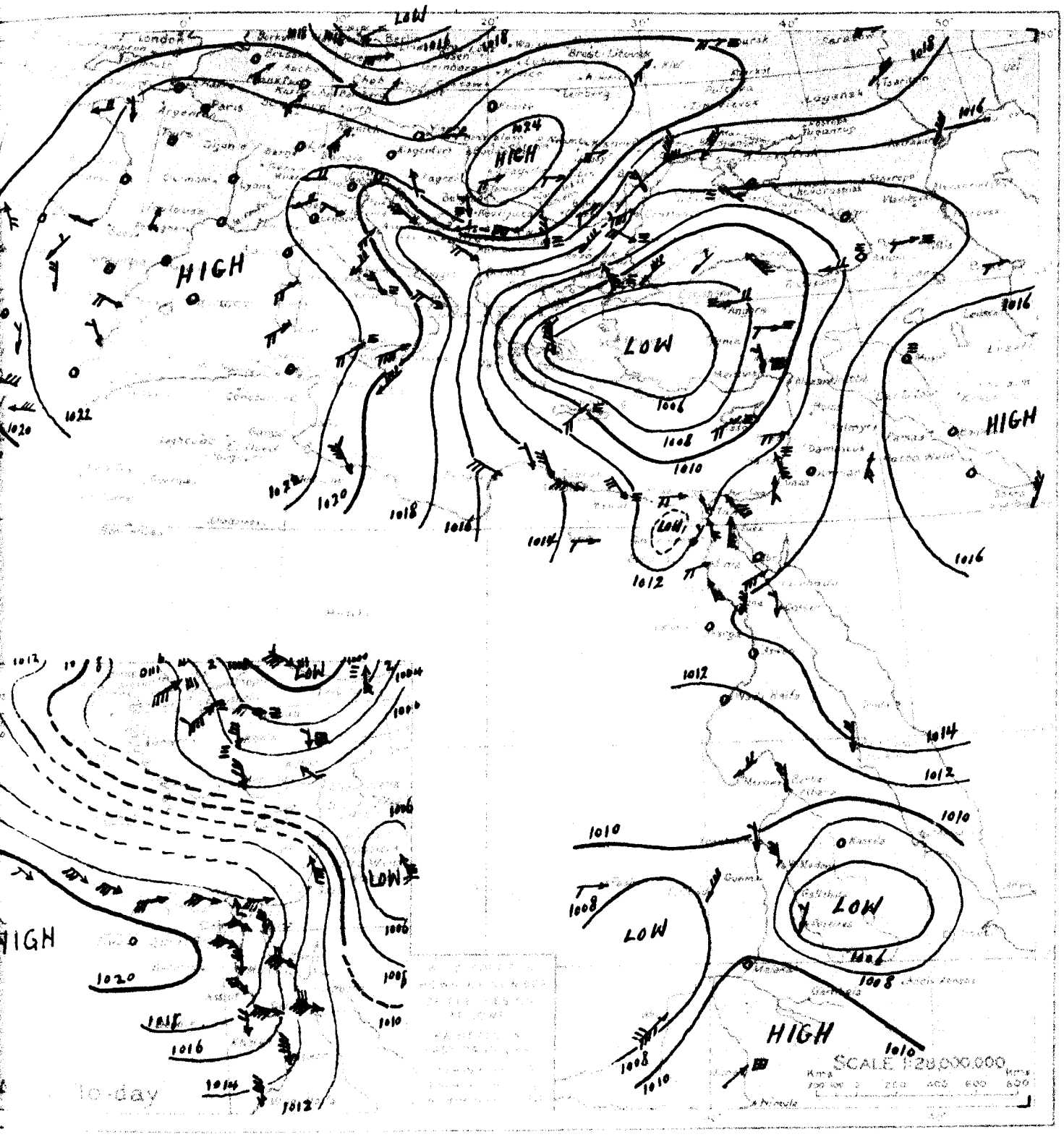
" " Abroad PT 150 "

PRINTED AT THE SURVEY OF EGYPT 1929 (30/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣- ٢٨ Barometer and Wind at 8 h. Yesterday 28 - 3 - 1931



WIND VELOCITY

	Knots	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-33	5
Strong	34-44	6
Very strong	45-55	7
Gale	56-65	8
Strong gale	66-77	9
Whole gale	78-89	10
Storm	90-104	11
Hurricane	above 105	12

STATE OF SKY

Clear	0
Fair	1
Cloudy	2
Overcast	3
Fog	4
Smoke	5
Haze	6
Dust	7
Sand	8
Mist	9
Thunderstorm	0

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
Heavy	6
Very heavy	7
Mountainous	8
Phenomenal	9

١٩٣١ -٣- ٢٨ Place Observations taken at 8 h yesterday 28 - 3 - 1931

Place	Barometer Reduced to 32° F.	Barometer Difference from normal	Barometer Difference from yesterday	Wind Direction	Wind Force	Cloud	Temperature	Dew Point	Wet Bulb	Sea Temperature	Sea Temperature Difference from normal	Sea Temperature Difference from yesterday	Air Temperature Difference from normal	Air Temperature Difference from yesterday	Humidity	Humidity Difference from normal	Rainfall Last 24 hours	Rainfall Since 1st Jan.	Rainfall Same period last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
[illegible]	1021·8	-0·5	+9·1	NE	2	0	7	-1	—	14	—	3	—	40	—	—	—	527	—
MALTA	1018·6	+1·8	+4·2	NE	4	0	9	-4	—	13	-5	8	-3	60	—	0	363	391	2
ATHENS	1005·3	-4·6	-8·9	N	5	—	0	-4	—	—	—	—	—	90	—	—	—	299	—
CANDIA	1009·8	+0·2	-5·6	SW	2	1	9	-4	—	15	-3	4	-7	—	—	2	452	412	3
[illegible]	1009·9	+3·1	-3·7	WSW	2	4	15	-2		20	-1	8	-1	—	—	2	325	416	5
Atbara عطبره	1011·4	-0·1	+0·8	N	2	0	26·5	-0·1	+0·1	39	+2	17	-2	31	+15	0	0	1	—
Kassala كسلا	1006·6	+0·6	-1·7	—	0	0	30·0	+1·0	+1·0	41	+2	20	0	47	+5	0	0	11	—
Medani وادمدني	1009·9	+1·5	+1·2	N	3	0	27·5	-2·0	+0·2	41	+1	20	0	41	+22	0	8	13	—
El Fasher الفاشر	1008·0	-1·4	—	W	1	0	23·5	+1·5	+1·0	41	+4	13	-3	13	-8	0	1	8	—
Malakal ملكال	1010·3	+0·4	+1·1	—	0	0	30·0	-0·1	+1·1	41	+2	22	0	41	+8	0	104	101	—
Wau واو	1007·5	—	-1·1	SW	7	0	30·9	+0·1	+4·1	40	+2	26	+4	45	-12	0	112	175	—
Juba جوبا	1010·6	-0·2	—	SW	—	1	25·0	-2·5	—	38	—	—	—	76	—	10	122	176	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 47 m

" sunset 18 h 13 m

From Observations taken at 8h. to-day.

Monday 30th March 1931 ١٩٣١ الاثنين ٣٠ مارس

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Last 24 hours	Rainfall From 1st Oct. to date	Rainfall Same period last year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.2	+0.8	+2.3	WNW	3	1	12.1	+2.7	-3.6	[illegible]	—	7	—	74	+5	0	51	92	4
	MATRUH	1019.6	+1.3	+4.0	WSW	2	0	12.2	+2.0	-3.6	16	-5	8	-4	76	+5	0	174	155	2
	ALEXANDRIA	1020.2	+1.4	+5.1	SW	2	2	14.2	-0.1	-2.6	19	-4	10	-4	67	-3	0	92	185	4
	PORT SAID	1019.6	+2.5	+5.8	WSW	3	0	14.8	+0.2	-2.8	20	-2	11	-3	67	-1	0	56	72	3
	GAZA	—	—	—	SW	2	2	15.7	+0.3	-1.5	18	-5	9	-2	61	-6	0	231	364	
	HAIFA	1016.0	+3.0	+2.9	—	0	2	15.8	-0.4	-2.7	19	-4	12	+1	63	+2	6	656	626	3
LOWER EGYPT	TANTA	1019.8	+1.6	—	SSW	1	0	14.2	+2.2	—	21	—	7	—	68	—	0	32	—	—
	ZAGAZIG	1019.8	+0.8	+5.1	SSE	1	0	14.2	+1.8	-1.5	21	-5	9	-3	54	-15	0	16	29	—
	GIZA	1020.0	+1.3	+4.7	—	0	0	14.1	+1.2	—	21	-5	5	-4	65	—	0	21	25	—
	SHIBIN EL KOM	1020.0	+0.9	+4.9	—	0	0	14.5	+4.5	-1.7	20	-6	14	+2	48	-11	0	19	30	
	BENI SUEF	1020.3	0.0	+4.7	—	0	0	11.5	+1.5	-3.8	—	—	7	-3	58	-2	0	35	7	
RED SEA	SUEZ	1017.8	-0.6	+2.6	N	1	0	15.0	+0.1	-1.8	25	-1	11	-3	68	-5	0	27	24	2
	TOR	1017.0	+3.4	+3.0	N	2	0	18.5	-0.7	-1.1	22	-4	14	0	58	-6	0	17	14	2
	HURGHADA	1016.4	+2.8	—	NNW	6	0	18.6	-0.2	—	23	—	11		43	—	0	0		4
	QUSEIR	1017.4	+4.6	—	N	7	0	19.5	-1.1	—	24	—	16		43		0	15		7
UPPER EGYPT	[illegible]	1020.8	+0.9	+5.2	W	1	0	13.7	+1.5	-3.0	22	-5	7	-3	57	-4	0	17		
	[illegible]	1020.8	+1.0	—	NNW	1	0	11.2	-1.3	-5.5	20	-8	6	-6	69	+2				
	[illegible]	1021.0	+1.1	+6.1	WNW	2	0	12.0	-1.6	-5.3	21	-8	8	-4	53	0	0	7		
	[illegible]	1018.4	+2.4	—	W	2	0	15.8	-2.5	-4.4	28	-6	9	-5	45	+1				
	[illegible]	1020.0	+2.2	—	NE	1	0	16.8	+0.8	—	[illegible]	—	15		38		0	1		
	[illegible]	1017.6	+2.0	+3.8	NE	2	0	16.2	-3.8	-5.5	28	-5	13	-3	27	-4	—	—		
	[illegible]	1016.7	+2.9	+3.3	N	2	0	16.0	-3.6	-4.1	29	-5	13	-2	29	0				
	[illegible]	1012.4	+2.2	+0.7	NE	2	0	23.6	-3.5	-1.2	42	+4	19	0	21	+1	0	0	1	
	[illegible]	1010.8	-0.2	+0.4	NNE	3	0	28.0	+1.5	+1.2	41	+4	22	+3	33	+17	0	0	1	
	[illegible]	1010.4	+1.3	+1.3	N	2	0	27.4	-1.4	+1.8	42	+5	22	+2	16	-1	0	3	5	
	[illegible]	1014.0	+2.6	+2.1	N	4	4	26.2	-1.7	0.0	31	+1	24	+4	78	+14	0	29	107	4
	[illegible]	1006.3	-2.8	-1.9	—	0	0	34.5	+4.5	+5.2	41	+2	25	+5	32	-9	0	0	11	
	[illegible]	1005.5	-2.8	-2.5	—	0	0	31.0	+2.0	+1.8	43	+3	21	0	22	-5	0	33	41	
	[illegible]	1011.0	+3.8		NNW	2	1	21.5	-4.0	-1.2	42	+5	20	+4	39	+18	0	1	8	
	[illegible]	1010.0	-0.3	+0.8	NW	1	0	32.3	+2.0	+3.4	40	+1	26	+3	42	+7	0	104	101	
	[illegible]	1009.4	+0.7	+0.8	WSW	5	1	28.0	-1.9	+1.2	39	+1	26	+4	60	+1	0	112	176	

General Survey

8 30 The high pressure which has formed over Egypt is maintained, with a pressure gradient from Egypt to the depression now situated over the sea of Azoff.

لا تزال منطقة الضغط المرتفع الذي تكونت على مصر مرابطة محافظة
تدرج في الضغط من مصر إلى الانخفاض الذي يقع الآن على
بحر أزوف

0600	5	NN
1000	25	NW
1500	35	NNW
2000	25	W
2500	40	WNW

Forecast for 24 hours from noon to-day.

Light to moderate winds chiefly westerly.
Occasional medium cloud.
Slightly warmer, but temperature remaining below normal.

رياح غربية بين الخفيفة والمعتدلة - يظهر قليل من السحاب المتوسط
الطقس أميل قليلا للدفء إلا أن درجة الحرارة
دون المعدل

STATION	Humidity Mean of day		Air Temperature Mean of day	
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	53	-13	11.0	-2.7
Ezbekiya	44	-11	10.6	-3.7
Giza	48	-4	10.8	—
Helwan	42	-2	8.9	-3.2

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by Sudan Government		
DATE	1931	1930
29-3	732	786
28-3	731	788

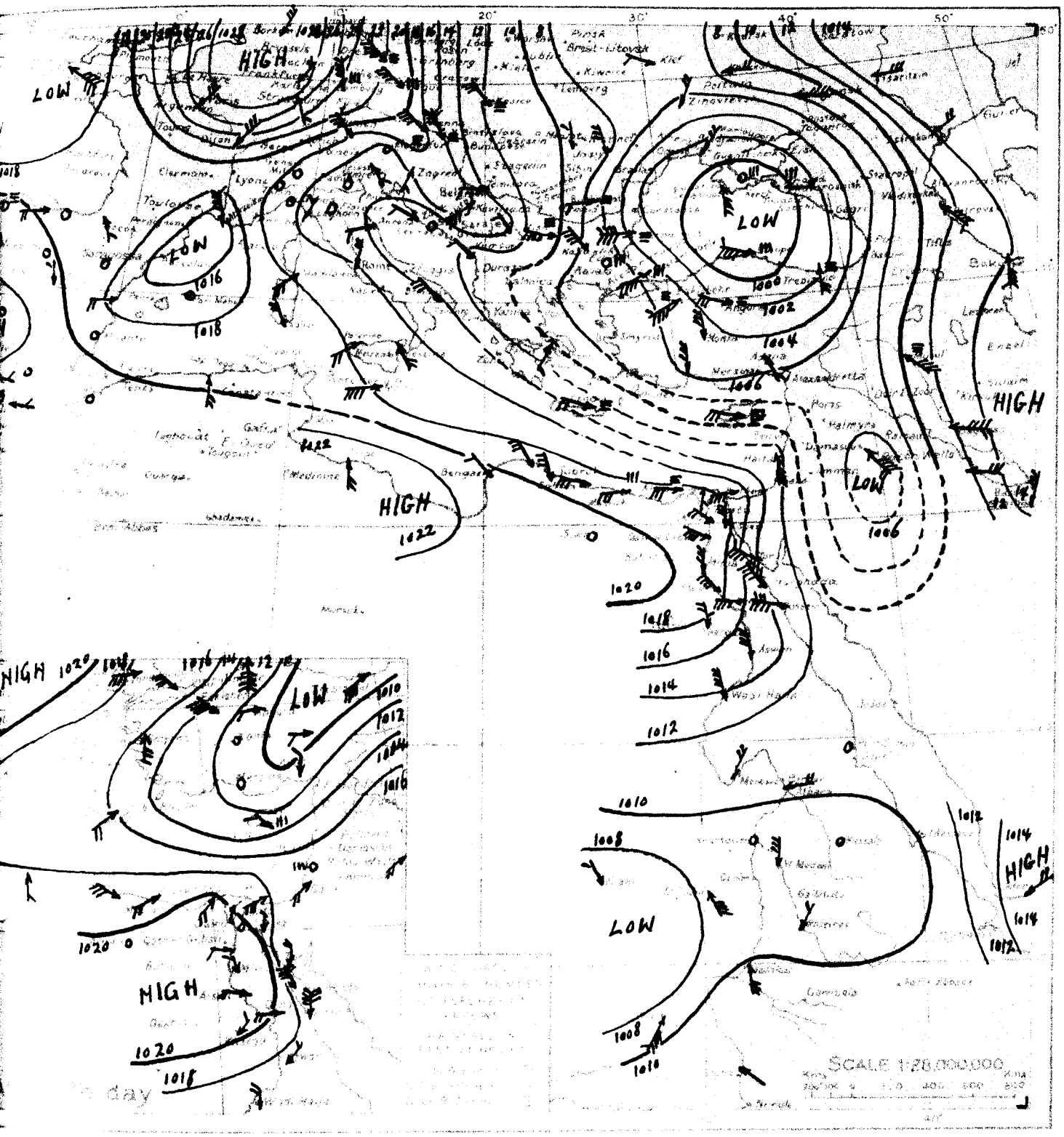
STATION	Date	Reading	Diff. from normal	Reading	Diff. from normal
Jebel	29-3	13.42	+0.17	13.36	+0.11
Sabaloka	28-3	4.87	-0.27	4.86	-0.26
Malakal	30-3	9.72	-0.37	9.72	-0.38
Roseires	30-3	11.16	-0.18	11.18	-0.17
Sennar Res.	29-3	17.78	—	17.88	—
Makwar	29-3	4.58	-0.62	4.59	-0.62
Khartoum	29-3	9.89	-0.23	9.87	-0.25
Kh. el Girba					
Atbara	29-3	9.75	-0.24	9.73	-0.26
Wadi Halfa	30-3	0.96	-0.43	0.97	-0.43
Aswan Res.	29-3	111.17	—	111.28	—
" D.S.	29-3	85.30	-0.05	85.29	-0.06
El Lessi	30-3	16.93	-0.11	16.94	-0.11
Roda (Cairo)	30-3	15.56	+0.06	15.60	+0.10

PRINTED AT THE SURVEY OF EGYPT (1930/30/559/1) (1930/30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣- ٢٩ Barometer and Wind at 8 h. Yesterday 29-3-1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Rough	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Prodigious	8
Confused	9

١٩٣١ -٣- ٢٩ From Observations taken at 8 h. yesterday 29-3-1931

	Pressure: Reduced to Sea Level	Pressure: Total Diff. from Normal	Pressure: Diff. from Normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Diff. from Normal	Temperature: Diff. from Normal	Temperature: Max. Diff.	Temperature: Diff. from Normal	Temperature: Min. Diff.	Temperature: Diff. from Normal	Humidity: At 8 h.	Humidity: Diff. from Normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. to yesterday	Rainfall: Normal from Oct. to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	°C		m.m.	m.m.	m.m.	
ROME	1016.6	-5.2	+3.9	NE	2	2	8	+1	—	14	—	3	—	50	—	—	—	529	—
MALTA	1017.8	-0.8	+3.5	W	4	0	14	+5	—	13	-5	9	-2	70	—	0	363	392	2
ATHENS	1011.0	+5.7	-3.2	SW	1	1	8	+8	—	—	—	—	—	60	—	—	—	301	—
CANDIA	1013.0	+3.2	-2.4	WNW	2	2	10	+1	—	14	-5	7	-4	—	—	4	456	413	5
LIMASSOL	1009.1	-0.8	-4.4	WNW	3	2	9	-6		16	-5	7	-2	—	—	41	366	417	4
Merowe مروى	1010.2	-0.9	-1.5	NE	2	0	27.1	+0.5	+2.5	42	+5	18	0	14	-6	0	0	1	—
Atbara عطبره	1011.0	-0.4	+0.4	E	2	0	26.5	0.0	-0.1	39	+2	19	0	37	+21	0	0	1	—
Kassala كسلا	1009.1	+2.5	+0.8	—	0	0	30.0	0.0	+0.8	42	+3	21	+1	47	+6	0	0	11	—
Medani واد مدني	1009.5	-0.4	+0.9	N	3	0	31.5	+4.0	+4.1	42	+2	20	0	27	+8	0	8	13	—
El Fasher الفاشر	1007.2	-0.8	—	NW	1	0	25.5	+2.0	+2.9	40	+3	13	-3	15	-6	0	1	8	—
El Obeid الأبيض	1008.2	-0.9	-2.5	SE	4	0	30.0	+4.6	+4.0	42	+5	18	+1	22	-2	0	17	21	—
Malakal ملاكال	1010.3	0.0	+1.1	SSE	3	1	30.3	+0.3	+1.4	42	+3	25	+3	48	+14	0	104	101	—
Wau واو	1008.7	+1.2	+0.1	SSW	5	0	29.9	-1.0	+3.1	38	0	27	+5	53	-5	0	112	176	—
Juba جوبا	1011.4	+0.8	—	SE	—	0	28.0	+3.0	—	37	—	—	—	60	—	0	122	177	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 45 m

" " sunset 18 h 13 m

From Observations taken at 8 h. to-day.

Tuesday 31st March, 1931 — ١٩٣١ — النثلاثاء ٣١ مارس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since Oct. 1 to yesterday	Rainfall: Normal Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018.4	-0.8	+1.5	WSW	2	0	15.2	+3.1	-0.6	22	—	9	—	64	-2	0	51	93	3
	MATRUH	1019.1	-0.5	+3.5	SW	2	0	13.6	+1.4	-2.2	17	-4	10	-2	69	-2	0	174	156	2
	ALEXANDRIA	1019.5	-0.7	+4.4	S	1	1	15.2	+1.0	-1.7	21	-2	10	-4	68	-2	0	92	186	2
	PORT SAID	1019.0	-0.6	+5.2	SW	2	0	16.5	+1.7	-1.2	21	-1	12	-2	67	-1	0	56	73	2
	GAZA	—	—	—	—	0	0	15.3	-0.4	-2.0	19	-4	8	-3	60	-7	0	231	364	—
	HAIFA	1016.8	+0.8	+3.8	—	0	0	15.4	-0.4	-3.2	18	-5	11	0	60	-1	0	656	627	3
LOWER EGYPT	TANTA	1019.6	-0.2	—	WSW	1	0	14.0	-0.2	—	23	—	9	—	78	—	0	32	—	—
	CAIRO: EZBEKIYA	1018.8	-1.0	+4.2	—	0	0	15.9	+1.7	0.0	23	-3	10	-2	60	-9	0	16	29	—
	CAIRO: GIZA	1019.1	-0.9	+3.8	—	0	0	15.6	+1.5	—	24	-2	6	-3	70	—	0	21	25	—
	CAIRO: HELWAN	1018.8	-1.2	+3.7	ENE	1	0	13.3	-1.2	-3.0	22	-4	12	0	72	+14	0	19	30	—
	SIWA	1018.7	-1.6	+3.1	—	0	0	14.5	+3.0	-1.0	—	—	7	-3	55	-5	0	35	7	—
RED SEA	SUEZ	1017.8	0.0	+2.6	N	2	0	15.8	+0.8	-1.1	23	-3	11	-3	61	-12	0	27	25	1
	TOR	1015.4	-1.6	+1.5	NW	2	0	20.0	+1.5	+0.3	23	-3	11	-3	55	-9	0	11	14	3
	HURGHADA	1016.6	+0.2	—	NW	5	0	20.5	+1.9	—	23	—	12	—	31	—	0	0		3
	QOSSEIR	1015.9	-1.5	—	NW	7	0	22.2	+2.7	—	24	—	17	—	36	—	0	15		7
UPPER EGYPT	BENI SUEF	1019.4	-1.4	+3.9	NW	1	0	16.0	+2.3	-0.9	23	-4	9	-1	59	-2	0	17		
	MINYA	1019.1	-1.7	—	NNW	1	0	14.5	+3.3	-2.3	23	-5	7	-5	57	-10				
	ASSIUT	1019.1	-1.9	+4.3	WSW	2	0	14.2	+2.2	-3.3	23	-6	9	-3	37	-15	0	7		
	QENA	1017.4	-1.0	—	WSW	3	0	17.0	+1.2	-3.4	31	-3	11	-3	32	-11				
	KHARGA	1018.3	-1.7	—	NNE	1	0	16.9	+0.1	—	26	—	15	—	34	—	0	1		
	ASWAN	1017.1	-0.5	+3.4	NE	2	0	16.5	+0.3	-5.4	29	-4	13	-3	26	-5	—	—	—	
NORTH SUDAN	WADI HALFA	1015.1	-1.6	+1.8	NNE	2	0	16.4	+0.4	-3.9	30	-4	13	-2	23	-6	—	—	—	
	MEROWE	1011.2	-1.2	-0.3	—	2	0	26.1	+2.5	+1.1	40	+2	19	0	9	-11	0	0	1	
	ATBARA	1011.8	+1.0	+1.5	N	3	0	26.8	-1.2	-0.1	42	+4	21	+2	40	+24	0	0	1	
	KHARTOUM	1009.8	-0.6	+0.8	N	2	0	27.3	-0.1	+1.5	42	+5	23	+3	9	-8	0	3	5	
CENTRAL SUDAN	PORT SUDAN	1014.0	0.0	+2.1	N	3	0	27.2	+1.0	+0.9	30	0	18	-2	31	-32	0	29	107	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1004.0	-1.5	-3.9	N	1	0	31.5	+0.5	+2.1	44	+4	24	+3	21	-6	0	33	41	
SOUTH SUDAN	EL FASHER	1008.2	-2.8	—	NW	1	1	25.0	+3.5	+2.2	36	-1	19	+2	11	-10	0	1	8	
	EL OBEID	1009.4	-0.5	-1.1	NNE	3	1	25.5	+0.6	-0.9	39	+2	19	+1	29	+5	0	17	21	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Air Observations at Helwan at 8 h 15 m

Height (metres)	Kms an hour	Direction
500	10	N
1000	25	NNW
1500	35	N
2000	10	W
3000	35	W

General Situation

Egypt remains an area of high pressure, with a shallow depression over Syria.
There is also a shallow depression west of Italy.

الحالة العمومية

مصر منطقة ضغط مرتفع مع وجود انخفاض ضحل على الشام وآخر على غرب إيطاليا

Forecast for 24 hours from noon to-day.

Light to moderate winds, on the coast westerly, inland westerly veering tomorrow to northeast.
Mainly clear.
Normal temperature.

توقعات الطقس من ظهر اليوم الى ظهر غد

رياح بين الخفيفة والمعتدلة غربية على الساحل وغربية تتحول باكرا الى الشمال الشرقي في الداخل
السماء صحو في الغالب ودرجة الحرارة عادية

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	65	-1	12.5	-1.3
Ezbekiya	42	-13	11.1	-3.3
Giza	56	+4	11.6	—
Helwan	28	-16	9.7	-2.4

NOTE a dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
31-3	732	786
30-3	733	788

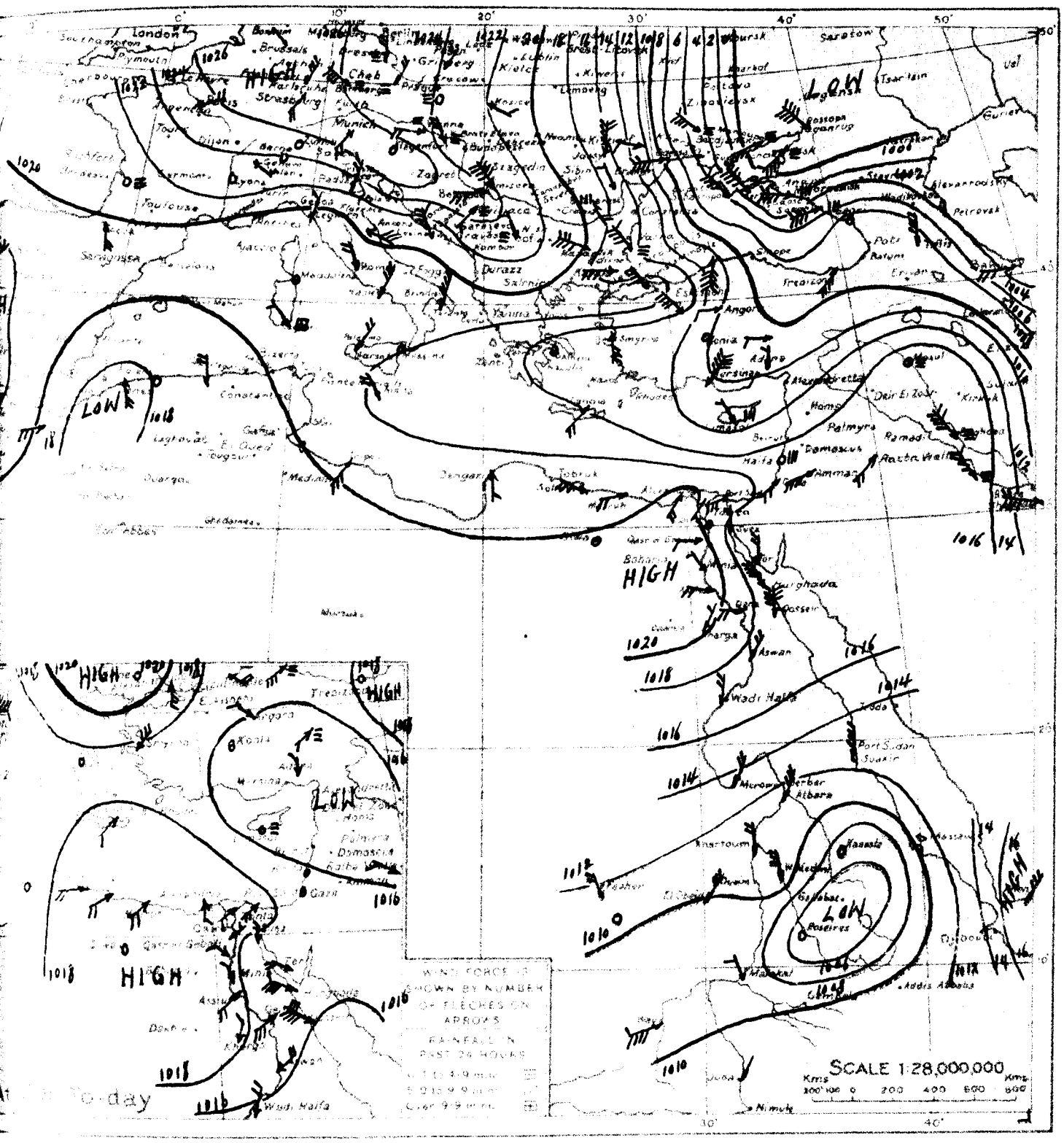
GAUGE	Date 1931	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba	30-3	13.40	+0.15	13.42	+0.17
Nasser	30-3	4.83	-0.33	4.89	-0.26
Malakal	30-3	9.72	-0.37	9.72	-0.38
Roseires	30-3	11.16	-0.18	11.18	-0.17
Sennar Res.	30-3	17.67	—	17.78	—
Makwar	30-3	4.58	-0.62	4.58	-0.62
Khartoum	30-3	9.87	-0.24	9.89	-0.23
Kh. el Girba					
Atbara	30-3	9.73	-0.25	9.75	-0.24
Wadi Halfa	30-3	0.96	-0.43	0.97	-0.43
Aswan Res	31-3	111.04	—	111.09	—
" D.S.	31-3	85.29	-0.06	85.36	-0.05
El Lethi	31-3	16.93	-0.10	16.93	-0.11
Roda (Cairo)	31-3	15.56	+0.06	15.56	+0.06

PRINTED AT THE SURVEY OF EGYPT 1929(30/559/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٣-٣٠ Barometer and Wind at 8 h. Yesterday 30-3-1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٣-٣٠ From Observations taken at 8 h. yesterday 30-3-1931

Station	Barometer: Reduced to Sea Level	Barometer: Change past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1019.0	+2.4	+6.3	N	2	—	10	+2	—	16	—	7	—	60	—	—	—	532	—
MALTA	1017.4	-0.4	+3.1	NW	2	0	13	-1	—	17	-1	12	0	80	—	0	363	393	2
ATHENS	1015.6	+4.6	+1.4	—	0	0	10	+2	—	—	—	—	—	60	—	—	—	302	—
CANDIA	1016.0	+3.0	+0.6	SW	2	1	12	+2	—	16	-3	8	-3	—	—	0	456	415	2
ALEXANDRIA	1013.9	+4.8	+0.4	NW	1	2	15	+6		16	-5	7	-2	—	—	5	371	418	4
Medani	1011.0	+1.5	+2.5	N	3	0	31.5	0.0	+3.9	43	+3	24	+4	23	+4	0	8	13	—
El Obeid	1009.9	+1.7	-0.7	NE	3	4	24.9	-5.1	-1.3	42	+5	20	+3	30	+6	0	17	21	—
Juba	1011.0	-0.4	—	NE	—	2	28.5	+0.5	—	39	—	—	—	64	—	0	122	178	—

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of MARCH 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Tanta	1	8 h. temp.	10·5
,,		Humidity	85
Wau	2	8 h. temp.	26·4
,,		Humidity	40
Tanta	3	8 h. temp.	13·0
,,		Humidity	66
Siwa		Minimum	8
Suez	4	Barometer	1016·2
Minya		Wind force	4
,,		State of sky	1
Sollum	5	Wind direction	WSW
Helwân		Rainfall	Drops
Merowe... ...		Wind direction	NNE
,,		Wind force	2
,,		State of sky	1
Juba		8 h. temp	30·5
,,		Humidity	36
Tor	6	Barometer	1019·9
Hurghada ...		Wind force	5
Qasr el Gebali.		8 h. temp.	11·0
,,		Humidity	69
Minya		Maximum	17
El Obeid ...		Wind force	3
Qosseir	7	Minimum	17
El Fasher ...	8	Maximum	—
Juba		Maximum	—
Kharga	9	Barometer	1012·0
Kassala... ...		Maximum	—
Tor	10	State of sky	8
Qena		Humidity	—
Kassala... ...	12	Maximum	—
Sollum	13	Barometer	1019·2
Juba		Wind force	—
Kassala... ...	14	Maximum	—
Haifa	16	Wind direction	—
,,		Wind force	0

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Siwa	18	Barometer	1011·2
El Obeid ...		Humidity	20
Wau		State of sky	2
Kassala... ...	19	Maximum	—
Wau		8 h. temp.	28·0
,,		Humidity	57
Sollum	20	State of sky	3
Kharga		8 h temp.	16·0
,,		Humidity	59
Wâdi Halfa ...		Humidity	26
Wau		8 h. temp.	26·0
,,		Humidity	73
Atbara	21	Barometer	1012·0
Kharga	22	8 h temp.	—
,,		Humidity	—
Juba	23	Wind force	—
Kharga	24	Minimum	19
Juba		Wind force	—
Wau	25	Maximum	40
Alexandria ...	26	Maximum	25
Gaza		Wind force	3
Haifa		Barometer	—
Siwa		Minimum	12
Aswân		8 h. temp.	24·3
Suez	27	State of sky	0
Qosseir		Maximum	—
Kharga		Minimum	18
Port Said ...	28	State of sky	3
Haifa		Rainfall	7
Qosseir		Barometer	1014·4
Qena		Wind direction	NE
Kharga		Minimum	20
Port Said ...	29	Rainfall	Drops
Suez		Barometer	1017·6
Kharga	30	Maximum	23
Juba	31	Wind force	—

REMARKS:— Cancel Maximum readings at SOLLUM for the whole month.

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR MARCH, 1931.

The Weather.

During March, after a spell of cool weather lasting for a week, three distinct heat waves occurred, the first and most intense lasting nearly a fortnight.

At the beginning of the month Egypt was an area of high pressure with a steep gradient over the eastern Mediterranean. Fresh westerly winds blew across Egypt, reaching in places the force of a gale on the 3rd and 4th ; a velocity of 70 kilometres an hour was recorded at Alexandria and throughout the eastern Mediterranean the sea was very rough. The weather in Egypt was unusually cold, and showers occurred throughout Lower Egypt.

On the 6th a shallow depression appeared near Crete, and winds in Egypt became southerly, causing a rapid rise in temperature. The depression passed north of Egypt on the following day but was followed by a deeper one which passed north of Egypt on the 10th. A sharp fall in temperature with winds from the northwest followed its passage, but the weather at once became much warmer owing to a series of deep depressions which traversed the Mediterranean basin for the period of a week. The heat wave reached its greatest intensity on the 14th, 15th and 16th, when the temperature at several places was 16° or 17° C. above the normal. The highest temperature recorded in Lower Egypt was 38° C. (100° F.), at Port Said. The heat wave extended throughout the Sudan, where temperatures of 43° and 44° C. (111° F) were registered at several stations. The air was very dry ; at Helwan the mean value of the relative humidity on the 15th was only 8 per cent, and on the 16th was as low as 6 per cent. This is 40 per cent below the normal for the time of year.

By the 18th high pressure had been established over Central Europe, extending across the central Mediterranean, with a steep gradient towards Egypt and Iraq. A current of cool northerly air reached Egypt, and temperatures rapidly diminished, but the cool weather broke down on the 23rd with the approach of a shallow depression from the Libyan desert which gave rise to warm southeasterly winds in Egypt. The depression passed in the afternoon of the 25th and the temperature fell to its normal value. On the 28th a depression was situated over the Aegean Sea with a shallow secondary west of the Fayoum and the weather again became warm. With the passage of these depressions and the change from a southeast wind to one from the northwest there was a very sharp fall in temperature, the maximum temperature on the 29th being 10° C. lower than that of the previous day, and showery weather was experienced along the Mediterranean coast.

For the month as a whole the barometric pressure was above normal except over the central Sudan, while the temperature was everywhere above normal. Throughout Egypt and the Sudan the rainfall was below normal. The air in Egypt was unusually dry. At Helwan the relative humidity averaged only 35 per cent for the whole month, compared with a normal of 46 per cent.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR MARCH, 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX.+MIN./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1017·2	+2·0	23·1	+1·9	13·2	+0·4	18·2	+1·2	4	—10
II. Middle Egypt	1017·3	+1·0	26·5	+2·5	10·4	+0·5	18·4	+1·5	0	— 6
III. Upper Egypt	1016·5	+1·0	30·8	+1·2	12·8	+0·7	21·8	+1·0	0	0
IV. North Sudan	1011·4	+0·2	37·7	+1·7	18·9	+1·1	28·3	+1·4	0	0
V. Red Sea*	1013·8	+1·1	29·6	+1·0	19·7	+0·1	24·6	+0·6	0	— 1
VI. Central Sudan	1009·9	—0·3	39·4	+1·8	18·3	+0·6	28·8	+1·2	0	— 1
VII. South Sudan	1009·5	+0·3	39·6	+1·2	22·4	+1·2	31·0	+1·2	14	— 6

* Port Sudan only.
NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0° C. and mean gravity.

L. J. SUTTON,
Director, Meteorological Service.

State of the River.

Lake Albert at Butiaba fell seven centimetres during the month. Its level on April 1st 1931 was 46 centimetres above normal and 61 centimetres above that of the corresponding day of last year.

The Bahr el Jebel at Juba remained almost steady throughout the month except for the period 20–23 when there were small fluctuations. The levels were a few centimetres above the normal and on the average 28 centimetres above last year's.

River Sobat at Nasser fell gradually during the first fortnight then remained almost steady till the 21st. From the 21st it rose steadily until the 29th, and fell thereafter. The levels throughout the month were below normal and much lower than last year's.

The white Nile at Malakal fell at normal rate until the 24th, then rose slightly afterwards. The levels throughout the month were below both the normal and last year's.

The Blue Nile at Roseires fell steadily during the first 20 days then rose for a few days and fell again. The levels were below the normal and much lower than last year's. At Khartoum the Blue Nile fell with slight fluctuations during the whole month. The levels were below normal and last year's throughout.

The Main Nile at Wadi Halfa fell rather slower than normally with minor fluctuations, the levels remaining below both the normal and last year's.

The differences of the mean levels in March 1931 from those of March 1930 and from the normal 1906–1930 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	Mar. 1931 Minus Mar. 1930.	Mar. 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·28	+ 0·09
Nasser	— 0·65	— 0·43*
Malakâl	— 0·45	— 0·45
Roseires	— 0·45	— 0·18
Khartoum	— 0·51	— 0·32
Wadi Halfa	— 0·50	— 0·52

* Nasser Normal is for 1922-30 only.

Discharges of the Nile during February, 1931.

Observed by the Irrigation Department.

Aswân

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	85·74	924
2	85·73	925
3	85·73	925
4	85·72	926
5	85·74	927
6	85·73	929
7	85·62	868
8	85·54	814
9	85·43	751
10	85·31	695
11	85·29	695
12	85·23	668
13	85·19	655
14	85·16	643
15	85·14	634
16	85·11	625
17	85·11	625
18	85·10	625
19	85·10	624
20	85·09	625
21	85·10	625
22	85·10	625
23	85·18	670
24	85·18	669
25	85·18	672
26	85·18	672
27	85·18	674
28	85·18	674
Approx. Monthly Mean		728
Normal Mean 1912-1930		933

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	1·51	775
2	1·50	779
3	1·48	771
4	1·47	741
6	1·44	736
7	1·43	729
10	1·39	726
11	1·38	707
12	1·36	696
14	1·32	682
15	1·31	674
16	1·29	648
17	1·29	640
18	1·29	663
22	1·20	618
24	1·19	628
25	1·17	599
26	1·17	606
28	1·13	592
Approx. Monthly Mean		680
Normal Mean 1912-1930		1010

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	10·60	663
10	10·55	635
15	10·48	590
21	10·49	598
25	10·48	597
28	10·47	577
Approx. Monthly Mean		619
Normal Mean 1912-1930		917

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	10·17	649
8	10·13	617
12	10·06	561
16	10·09	623
23	10·06	592
28	10·00	572
Approx. Monthly Mean		606
Normal Mean 1912-1930		907

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	10·10	105
10	10·09	107
14	10·07	108
21	10·03	117
25	10·02	119
Approx. Monthly Mean		112
Normal Mean 1912-1930		214

Hillet Sherif (Blue Nile).

(Sennar Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9·88	115
4	9·88	116
7	9·88	116
9	9·88	115
12	9·92	129
14	9·92	131
16	9·92	124
18	9·92	126
22	9·82	104
24	9·82	105
26	9·82	103
28	9·82	107
Approx. Monthly Mean		116
Normal Mean 1912-1930		213

Gezîra Main Canal

(Kilo. 1·3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
15	15·88	58
15	15·88	60
28	15·95	63
28	15·95	60
Approx. Monthly Mean		59
Normal Mean 1926-1930		36

Roseires (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·71	173
4	11·68	169
6	11·64	164
8	11·62	159
10	11·58	153
13	11·52	144
14	11·51	140
16	11·49	135
18	11·47	132
20	11·45	127
22	11·43	124
24	11·41	122
26	11·38	117
28	11·36	113
Approx. Monthly Mean		142
Normal Mean 1912-1930		191

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	10·46	525
7	10·40	524
11	10·39	513
15	10·36	498
22	10·32	488
26	10·27	452
Approx. Monthly Mean		498
Normal Mean 1912-1930		685

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	10·00	495
10	9·95	504
15	9·94	486
22	9·87	479
25	9·85	479
Approx. Monthly Mean		492
Normal Mean 1912-1930		661

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	11·07	72
9	11·03	68
14	11·02	61
19	10·96	54
24	10·92	50
Approx. Monthly Mean		60
Normal Mean 1912-1930		197

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Jan. 26	5·32	82
27	5·30	79
28	5·27	76
30	5·24	77
31	5·20	73
Approx. Monthly Mean		107
Feb. 2	5·17	67
3	5·15	67
4	5·13	66
5	5·12	69
6	5·12	68
7	5·11	68
9	5·10	67
10	5·09	65
11	5·06	62
12	5·05	59
13	5·00	57
14	4·98	59
16	4·95	56
17	4·93	53
18	4·91	49

River Baro.

(600 mts. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Cauge Reading m.	Disch. m³. p.s.
Jan. 26	4·97	57
27	4·94	57
28	4·92	54
30	4·88	56
31	4·86	53
Approx. Monthly Mean		75
Feb. 2	4·82	52
3	4·81	54
4	4·80	51
5	4·79	53
6	4·78	52
7	4·78	48
9	4·76	49
10	4·75	47
11	4·73	52
12	4·71	44
13	4·67	40
14	4·65	42
16	4·62	40
17	4·60	41
18	4·59	41

Gambeila (River Baro).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Jan. 27	9·40	56
30	9·38	57
Approx. Monthly Mean		70
Normal Mean 1928-1930		96
Feb. 3	9·32	55
6	9·30	51
10	9·26	44
13	9·22	41
17	9·22	49

River Pibor

(600 mts. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Jan. 26	4·97	27
27	4·94	27
28	4·92	26
30	4·88	24
31	4·86	23
Approx. Monthly Mean		37
Feb. 2	4.82	23
3	4.81	22
4	4.80	21
5	4.79	20
6	4.78	21
7	4.78	20
9	4.76	21
10	4.75	20
11	4.73	20
12	4.71	20
13	4.67	19
14	4.65	19
16	4.62	19
17	4.60	17
18	4.59	16

Discharges of the Nile during February, 1931 (*continued*).

Observed by the Irrigation Department.

Akobo (River Pibor).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Jan. 23	10·60	1
27	10·48	1
Approx. Monthly Mean		2
Feb. 6	10·18	1
11	10·13	1
22	10·00	1
27	9·96	1
Approx. Monthly Mean		1

Bahr el Zerâf (Kilo. 3).

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·33	115
8	11·31	113
13	11·30	112
18	11·27	106
23	11·26	111
28	11·24	109
Approx. Monthly Mean		111
Normal Mean 1912-1930		141

(D.S. Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·38	128
4	26·38	131
8	26·38	130
11	26·38	129
15	26·37	131
18	26·37	128
22	26·36	125
25	26·36	127
Approx. Monthly Mean		128
Normal Mean 1927-1930		138

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	27·98	14
7	27·98	17
10	27·98	14
14	27·98	13
17	27·97	13
21	27·96	12
24	27·95	14
28	27·93	11
Approx. Monthly Mean		14
Normal Mean 1927-1930		36

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·71	332
8	11·68	323
13	11·66	306
18	11·64	320
23	11·63	320
28	11·61	319
Approx. Monthly Mean		320
Normal Mean 1923-1930		305

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·52	326
17	13·50	296
27	13·48	313
Approx. Monthly Mean		312
Normal Mean 1923-1930		300

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·52	7
17	13·50	14
27	13·48	5
Approx. Monthly Mean		9
Normal Mean 1923-1930		15

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·52	325
17	13·50	315
27	13·48	311
Approx. Monthly Mean		318
Normal Mean 1923-1930		288

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·48	366
5	26·48	373
9	26·48	378
12	26·48	380
16	26·47	372
23	26·46	368
26	26·45	354
Approx. Monthly Mean		370
Normal Mean 1927-1930		351

(D.S. Head of Zerâf Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26.48	233
5	26.48	242
9	26.48	240
12	26.48	245
16	26.47	241
23	26.46	239
26	26.45	237
Approx. Monthly Mean		240
Normal Mean 1927-1930		226

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·38	24
4	26·38	25
8	26·38	25
11	26·38	23
15	26·37	24
18	26·37	24
22	26·36	24
25	26·36	24
Approx. Monthly Mean		24
Normal Mean 1927-1930		27

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	27·98	92
7	27·98	90
10	27·98	90
14	27·98	90
17	27·97	92
21	27·96	90
24	27·95	90
28	27·93	93
Approx. Monthly Mean		90
Normal Mean 1927-1930		77

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·48	27
4	26·48	27
8	26·48	26
11	26·48	24
15	26·47	26
18	26·47	26
22	26·46	25
25	26·46	26
Approx. Monthly Mean		26
Normal Mean 1927-1930		28

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·74	93
7	11·74	95
10	11·74	91
14	11·74	92
17	11·73	95
21	11·73	90
24	11·72	93
28	11·71	91
Approx. Monthly Mean		93
Normal Mean 1927-1930		80

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·74	355
7	11·74	355
10	11·74	357
14	11·74	353
17	11·73	358
21	11·73	354
24	11·72	336
28	11·71	339
Approx. Monthly Mean		351
Normal Mean 1927-1930		350

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·45	695
5	11·43	693
6	11·43	695
7	11·43	698
9	11·42	712
11	11·42	699
12	11·42	693
13	11·41	708
14	11·41	701
16	11·40	692
17	11·40	708
18	11·39	673
21	11·37	688
23	11·37	681
24	11·37	680
Approx. Monthly Mean		693
Normal Mean 1912-1930		685

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch m³/p.s.
			M.		
		River Sobât and Tributaries.			
27/2/31	Khor Makwai	At Mouth	4·98	Makwai	0
27/2/31	Pibor.	U.S. Makwai Junction...	4·98	"	14
		Bahr el Jebel and Tributaries.			
23/2/31	Jebel.	Gemeiza, (New Site)	428·37	Gemeiza	515
28/2/31	"	" (Old Site)	428.37	"	511
28/2/31	"	" (New Site)	428·37	"	525
26/2/31	"	Giggin, ...	428·47	Giggin	150
24/2/31	"	1 Km. U.S. Terrikaka	12·75	Terrikaka	693

RKS: (1) Terrikaka Gauge Reading on 16-1-31 published last month should read 12·89.

(2) Discharge of Bahr el Jebel (D.S. Tail of Peak's Channel) published in January Weather Report as December 16th was actually measured on December 15th.

P. Phillips,
Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 44 m

" " sunset 18 h 14 m

From Observations taken at 8 h. to-day.

Wednesday 1st April, 1931 ١٩٣١ الاربعاء اول ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1016.2	-2.2	-0.7	W	3	4	17.1	+1.9	+1.1	26	—	13	—	49	-20	0	51	93	4
	MATRUH	1016.2	-2.9	+0.7	SW	4	0	16.4	+2.8	+0.4	19	-2	12	0	45	-26	0	174	156	2
	ALEXANDRIA	1018.0	-1.5	+3.0	S	1	2	15.0	-0.2	-2.0	21	-2	12	-2	73	+4	0	92	186	2
	PORT SAID	1018.0	-1.0	+4.3	W	1	1	16.4	-0.1	-1.4	22	0	11	-3	74	+6	0	56	73	1
	GAZA	—	—	—	S	1	0	16.4	+1.1	-1.1	20	-3	9	-2	74	+7	0	231	365	—
	HAIFA	1015.9	-0.9	+2.9	—	0	1	17.8	+2.4	-0.8	23	0	12	+1	65	+4	0	656	628	2
LOWER EGYPT	TANTA	1017.6	-2.0	—	SE	1	3	15.2	+1.2	—	24	—	8	—	67	—	0	32	—	—
	EZBEKIYA	1017.8	-1.0	+3.2	—	0	1	15.8	-0.1	-0.3	25	-1	10	-2	58	-10	0	16	29	—
	GIZA	1018.0	-1.1	+2.8	—	0	3	15.0	-0.6	—	24	-2	7	-3	77	—	0	21	25	—
	HELWAN	1018.4	-0.4	+3.4	—	0	3	15.1	+1.8	-1.3	23	-3	12	-1	57	0	0	19	30	—
	SIWA	1015.9	-2.8	+0.4	—	0	20	13.2	-1.3	-2.5	—	—	7	-3	63	+3	0	35	7	—
RED SEA	SUEZ	1017.0	-0.8	+1.8	N	2	2	15.0	-0.8	-2.0	24	-2	12	-2	78	+5	0	27	25	1
	TOR	1014.6	-0.8	+0.8	NW	4	2	20.2	+0.2	+0.3	23	-3	13	-1	46	-18	0	11	14	4
	HURGHADA	1015.5	-1.1	—	NNW	5	0	21.5	+1.0	—	25	—	14	—	37	—	0	0		3
	QOSSEIR	1014.7	-1.2	—	NW	7	0	22.8	+0.6	—	25	—	18	—	33	—	0	15		7
UPPER EGYPT	GEBAIL	1018.4	-1.0	+3.0	NW	1	0	16.0	0.0	-1.0	25	-2	10	0	64	+3	0	17		
	MINIA	1018.2	-0.9	—	NE	2	2	16.2	+1.7	-0.7	25	-3	10	-2	67	0				
	ASSIUT	1018.0	-1.1	+3.3	WSW	2	2	16.1	+1.9	-1.6	26	-4	11	-2	59	+7	0	7		
	QENA	1016.0	-1.4	—	W	2	2	18.2	+1.2	-2.5	31	-3	13	-1	43	0				
	KHARGA	1016.3	-2.0	—	NE	1	1	19.9	+3.0	—	28	—	18	—	41	—	0	1		
	ASWAN	1016.2	-0.9	+2.6	N	1	2	18.6	+2.1	-3.4	30	-3	12	-4	25	-6				
	WADI HALFA	1015.5	+0.4	+2.3	N	1	0	19.0	+2.6	-1.5	30	-4	15	0	24	-4				
	SESEBI	1011.8	+0.6	+0.3	NE	2	0	27.5	+1.4	+2.3	40	+2	21	+2	7	-13	0	0	1	
	ABU HAMED	1011.2	-0.6	+1.0	N	3	1	26.5	-0.3	-0.6	42	+4	22	+3	43	+28	0	0	1	
	KHARTOUM	1009.4	-0.4	+0.4	NNW	2	0	27.6	+0.3	+1.6	41	+4	24	+4	10	-7	0	3	5	
	[illegible]	1013.0	-1.0	+1.2	NW	3	0	26.6	-0.6	+0.1	30	0	18	-2	42	-21	0	29	107	3
	[illegible]	1004.6	+0.6	-3.3	ESE	1	2	33.5	+2.0	+3.9	44	+4	22	+1	19	-9	0	33	41	
	[illegible]	1009.0	-0.4	-1.5	NNE	3	0	27.8	+2.3	+1.2	39	+2	19	+1	20	-4	0	17	21	

TEMP. F C — PRESS. Mm. Mb.

Upper Air Observations at Helwan at 8 h.

	8 45	
500	15	N
1000	30	N
1500	35	NNW
2000	40	NNW
3000		

General Situation

The high pressure system over Egypt is slowly weakening owing to the approach of the Mediterranean depression which is now situated between Malta and Crete.

حالة الجو

منطقة الضغط المرتفع على مصر آخذة فى التضعضع ببطء بالنسبة لاقتراب انخفاض البحر الابيض المتوسط الذى يقع الآن ما بين مالطا وكريت.

Forecast for 24 hours from noon to-day.

On the coast moderate to fresh south to southwest winds; inland light winds variable in direction becoming southerly.
High cloud.
Slightly warmer.

[illegible]

رياح ما بين المعتدلة والنسيم جنوبية الى جنوبية غربية على الساحل ورياح خفيفة مختلفة الاتجاه تتحول الى جنوبية فى الداخل - يظهر السحاب العالى وتزداد درجة الحرارة قليلا

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	69	+3	13.9	+0.1
Ezbekiya	50	-5	13.3	-1.2
Giza	54	+2	13.4	—
Helwan	52	+8	12.1	-0.1

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
1. 4	696	728
31. 3	732	786

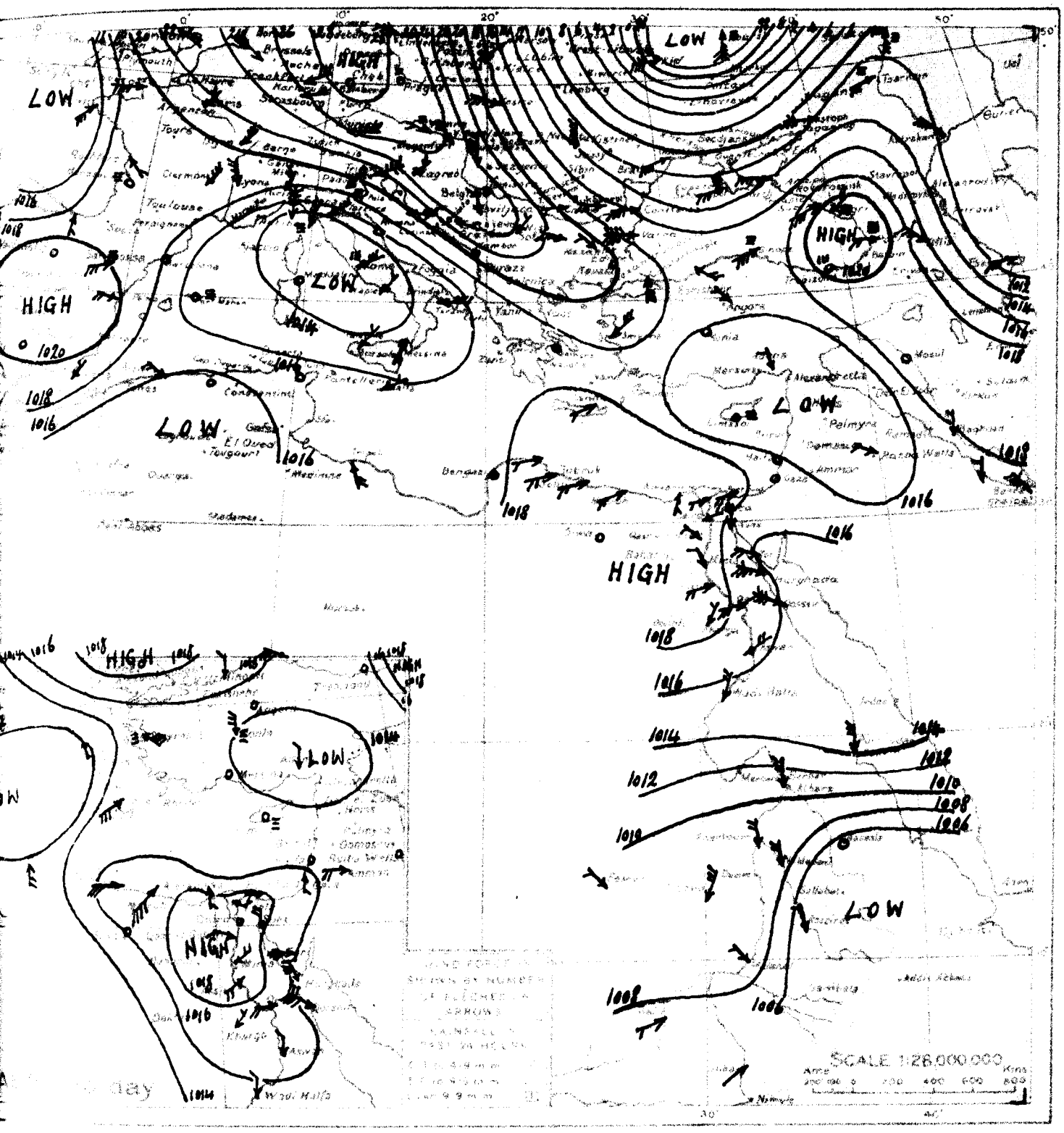
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous day: Reading m	Previous day: Diff. from normal m
Juba	31. 3	13.38	+0.13	13.40	+0.15
Nasser	30. 3	4.83	-0.33	4.89	-0.26
Malakal	31. 3	9.72	-0.37	9.72	-0.37
Roseires	1. 4	11.12	-0.22	11.14	-0.20
Sennar Res.	30. 3	17.67	—	17.79	—
Makwar	30. 3	4.58	-0.62	4.58	-0.62
Khartoum	31. 3	9.84	-0.27	9.87	-0.24
Kh. el Girba					
Atbara	31. 3	9.73	-0.25	9.73	-0.25
Wadi Halfa	31. 3	0.91	-0.47	0.96	-0.43
Aswan Res.	1. 4	110.97	—	111.04	—
" D.S.	1. 4	85.21	-0.13	85.29	-0.06
El Leithi	1. 4	16.93	-0.08	16.93	-0.10
Roda (Cairo)	1. 4	15.54	+0.05	15.56	+0.06

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٣-٣١. Barometer and Wind at 8 h. Yesterday 31.3.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٣-٣١. From Observations taken at 8 h. yesterday 31.3.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours		Max.	Diff. from normal	Min.	Diff. from normal	At 8 h.	Diff. from normal	Rain 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1013.4	-5.6	+0.7	E	3	5	10	0	—	17	—	8	—	80	—	8	—	534	—
VIENNA	1016.7	-0.7	+2.5	ENE	1	4	13	0	—	17	-1	10	-2	80	—	0	363	394	1
ATHENS	1017.8	+2.2	+3.6	—	0	8	9	-1	—	—	—	—	—	70	—	—	—	303	—
CANDIA	1019.0	+3.0	+3.8	SW	1	1	14	+2	—	19	0	8	-3	—	—	0	456	416	1
LIMASSOL	1014.6	+0.7	+1.1	—	0	5	14	-1		19	-2	8	-1	—	—	trace	371	420	4
Kassala كسلا	1005.5	-0.8	-2.6	—	0	0	35.0	+0.5	+5.5	41	+2	26	+5	17	-23	0	0	11	—
Wad Medani ود مدني	1008.8	-2.2	+0.4	N	2	0	35.0	+3.5	+7.2	44	+4	25	+5	15	-4	0	8	13	—
Malakal ملكال	1009.1	-0.9	-0.1	NW	1	0	32.4	+0.1	+3.4	42	+3	25	+2	37	+1	0	104	102	—
Wau واو	1007.5	-1.9	-1.1	WSW	1	0	28.8	+0.8	+2.0	39	+1	26	+4	53	-6	0	112	177	—
Juba جوبا	—	—	—	SW	—	1	28.0	-0.5	—	40	—	—	—	60	—	0	122	179	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 42 m

" " sunset 18 h 14 m

From Observations taken at 8 h. to-day.

Thursday 2nd April, 1931 ١٩٣١ الخميس ٢ ابريل

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st	Rainfall: Total from Oct. 1st to yesterday Normal	Sea
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN: SOLLUM	1011.9	-4.3	-5.0	W	3	0	17.3	+0.2	+1.2	28	—	15	—	32	-37	0	51	93	4
MATRUH	1011.8	-4.4	-3.7	SW	4	0	19.2	+2.8	+3.0	21	-1	15	+3	32	-39	0	174	156	2
ALEXANDRIA	1014.3	-3.7	-0.7	S	3	0	16.3	+1.3	-0.8	26	+3	13	-1	59	-10	0	92	186	3
PORT SAID	1015.1	-2.9	+1.4	S	3	0	18.6	+2.2	+0.7	21	-1	13	-1	49	-19	0	56	73	2
GAZA	—	—	—	SW	1	0	17.7	+1.3	+0.1	21	-2	9	-2	54	-13	0	231	365	—
HAIFA	1014.2	-1.7	+1.3	SSE	1	0	15.1	-2.7	-3.6	24	+1	11	0	64	+3	0	656	628	2
LOWER EGYPT: TANTA	1015.0	-2.6	—	S	1	0	18.3	+3.1	—	26	—	12	—	53	—	0	32	—	—
CAIRO: EZBEKIYA	1015.2	-2.6	+0.7	SSE	2	0	18.8	+3.0	+2.5	25	-1	12	0	38	-30	0	16	29	—
CAIRO: GIZA	1015.5	-2.5	+0.4	SE	2	0	18.2	+3.2	—	25	-1	8	-2	44	—	0	21	25	—
CAIRO: HELWAN	1015.4	-3.0	+0.5	SSE	2	0	19.1	+4.0	+2.5	25	-1	15	+2	30	-26	0	19	30	—
SIWA	1013.1	-2.8	-2.4	—	0	0	16.3	+3.1	+0.4	—	—	—	—	53	-7	0	35	7	—
RED SEA: SUEZ	1015.1	-1.9	0.0	S	2	0	18.5	+3.5	+1.4	25	-1	14	0	58	-15	0	27	25	2
TOR	1014.8	+0.2	+1.0	—	0	0	20.5	+0.3	+2.4	23	-3	12	-2	45	-19	0	11	14	0
HURGHADA	1015.2	-0.3	—	NNW	5	0	22.0	+0.5	—	26	—	14	—	36	—	0	0	—	3
QOSSEIR	1015.4	+0.7	—	NW	5	8	22.5	-0.3	—	26	—	18	—	30	—	0	15	—	5
UPPER EGYPT: GEBALI	1016.6	-1.8	+1.2	S	1	0	18.0	+2.0	+0.8	27	0	10	-1	44	-16	0	17	—	—
MINYA	1016.6	-1.6	—	WNW	2	0	17.5	+1.3	+0.5	27	-1	10	-2	59	-8	—	—	—	—
ASYUT	1017.1	-0.9	+2.5	SSW	2	0	17.5	+1.4	-0.4	26	-4	11	-2	37	-14	0	7	—	—
QENA	1016.3	+0.3	—	WNW	1	3	17.9	-0.3	-3.1	32	-2	12	-2	42	0	—	—	—	—
KHARGA	1015.2	-1.1	—	—	0	1	20.1	+0.2	—	29	—	18	—	35	—	0	1	—	—
ASWAN	1015.6	-0.6	+2.1	—	0	3	20.8	+2.2	-1.4	31	-3	17	+1	21	-9	—	—	—	—
NORTH SUDAN: WADI HALFA	1014.4	-1.1	+1.3	—	0	7	21.8	+2.8	+1.1	31	-4	19	+4	18	-10	—	—	—	—
MEROWE																			—
ATBARA																			—
KHARTOUM	1010.3	+0.9	+1.4	NNW	3	0	27.1	-0.5	+1.0	40	+2	22	+2	7	-10	0	3	5	—
EAST SUDAN: PORT SUDAN	1014.0	+1.0	+2.3	N	2	0	27.5	+0.9	+0.9	31	+1	18	-2	36	-27	0	29	107	2
KASSALA																			—
WAD MEDANI																			—
ROSEIRES	1004.2	-0.4	-3.7	SSW	2	2	34.0	+0.5	+4.3	43	+3	26	+5	31	+3	0	33	42	—
SOUTH SUDAN: EL FASHER																			—
EL OBEID																			—
MELAKAL																			—
WAU																			—
JUBA																			—

Upper Wind Observation at Helwan at 8 15

Height (metres)	Speed (knots)	Direction
500	20	SE
1000	5	SSW
1500	10	WSW
2000	20	W
3000	40	WNW

General Situation

The depression is slowly moving east and is now centred over Crete. Pressure over Egypt continues to fall.

الحالة العامة

يتزحزح المنخفض شرقا ببطء وهو الآن فوق جزيرة كريت ويستمر الضغط آخذا في الهبوط فوق مصر.

Forecast for 24 hours from noon to-day.

Inland light to moderate southerly winds; on the coast moderate to fresh southerly winds, veering to west tomorrow.
Clear at first, occasional high cloud later.
Slightly warmer.

توقع لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة جنوبية في الداخل ورياح بين المعتدلة والنشيطة جنوبية تتحول الى غربية باكرة على الساحل السماء صحو في البدء ثم يظهر بعض السحاب العالي احيانا - الطقس أميل للدفء قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	65	-1	13.9	0.0
Ezbekiya	48	-6	13.4	-1.2
Giza	60	+9	13.8	—
Helwan	42	-1	12.2	-0.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
1.4	696	728
31.3	732	766

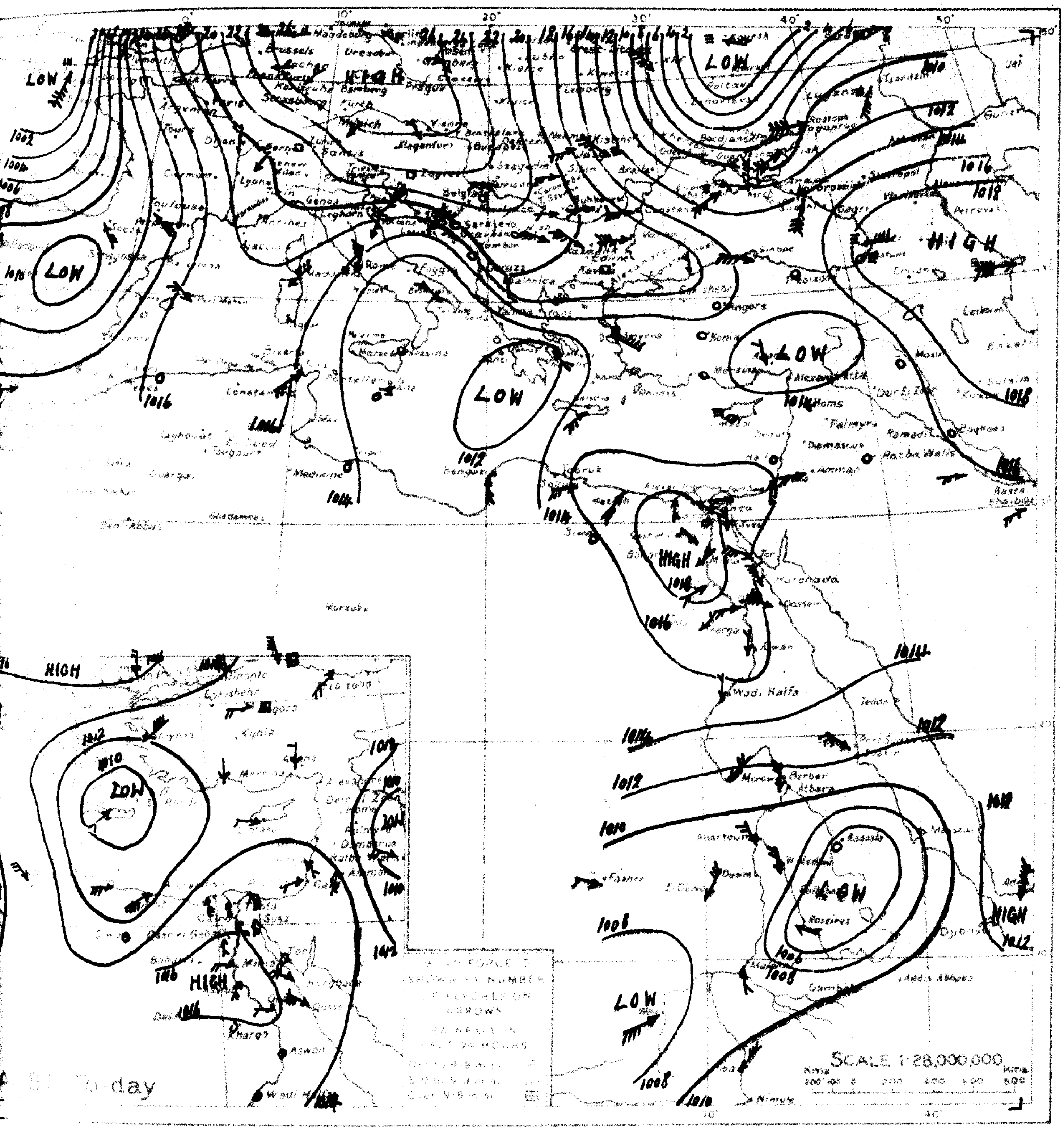
GAUGE	Date 1931	Reading m	Diff. from normal m	Reading m	Diff. from normal m
Juba	1.4	13.34	+0.08	13.38	+0.13
Nasser	31.3	4.80	-0.37	4.83	-0.33
Malakal	1.4	9.73	-0.35	9.72	-0.37
Roseires	1.4	11.12	-0.22	11.14	-0.20
Sennar Res.	1.4	17.44	—	17.54	—
Makwar	1.4	4.57	-0.61	4.58	-0.61
Khartoum	2.4	9.86	-0.24	9.85	-0.26
Kh. el Girba					
Atbara	2.4	9.73	-0.25	9.73	-0.25
Wadi Halfa	2.4	0.92	-0.44	0.90	-0.47
Aswan Res.	1.4	110.97	—	111.04	—
" D.S.	1.4	85.21	-0.13	85.29	-0.06
El Leithi	2.4	16.93	-0.06	16.93	-0.06
Roda (Cairo)	1.4	15.54	+0.05	15.56	[illegible]

PRINTED AT THE SURVEY OF EGYPT 928(29/550/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١ - ٤ - ٢١. Barometer and Wind at 8 h. Yesterday 1.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١ - ٤ - ٢١. From Observations taken at 8 h. yesterday 1.4.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1014.6	+1.2	+1.8	NE	4	5	4	-6	—	12	—	4	—	80	—	4	—	536	—
MALTA	1013.6	-3.1	-0.6	—	0	4	14	+1	—	19	+1	13	+1	80	—	trace	363	395	0
ATHENS	1011.5	-6.3	-2.5	SSE	1	5	12	+3	—	—	—	—	—	80	—	—	—	304	—
CANDIA	1014.6	-4.4	-0.5	SW	3	1	15	+1	—	24	+5	10	-1	—	—	0	456	417	2
LIMASSOL	1014.8	+0.2	+1.4	—	0	1	13	-1		19	-2	6	-3	—	—	trace	371	421	2
EGYPT AND SUDAN: Kassala كسلا	1005.3	-0.2	-2.8	—	0	0	33.0	-2.0	+3.3	42	+2	24	+3	25	-15	0	0	11	—
Wad Medani ود مدني	1008.2	-0.6	-0.2	N	2	0	30.0	-5.0	+2.0	43	+3	24	+4	21	+2	0	8	13	—
El Fasher الفاشر	1009.9	+1.7	—	NNW	1	0	22.0	-3.0	-1.0	39	+2	15	-2	12	-8	0	1	8	—
Malakal ملكال	1009.1	0.0	-0.1	SSE	1	2	31.8	-0.6	+2.8	42	+3	26	+3	40	+3	0	104	102	—
Wau واو	1007.5	0.0	-1.1	WSW	4	0	29.1	+0.3	+2.3	39	+1	24	+2	57	-5	0	112	178	—
Juba جوبا	1010.7	—	—	NE	3	0	23.5	+0.5	—	40	—	—	—	55	-1	0	122	180	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 41 m

" " sunset 18 h 15 m

From Observations taken at 8 h. to-day.

Friday 3rd April, 1931 ١٩٣١ الجمعة ٣ أبريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018.3	+6.4	+1.4	NNW	2	0	11.2	-6.1	-5.0	26	—	9	—	66	-2	0	51	93	3
	MATRUH	1017.4	+5.6	+2.0	NW	4	0	15.8	-3.4	-0.5	28	+6	15	+3	61	-10	0	174	156	5
	ALEXANDRIA	1017.1	+2.8	+2.2	NW	2	2	16.8	+0.5	-0.4	29	+6	14	0	69	0	0	92	186	3
	PORT SAID	1015.2	+0.1	+1.5	WNW	3	2	17.9	-0.7	-0.2	30	+8	15	0	66	-2	0	56	73	2
	GAZA	—	—	—	NW	2	3	17.9	+0.2	+0.1	26	+3	15	+4	74	+7	0	231	366	—
	HAIFA	1011.2	-3.0	-1.7	~~SSE~~ SSW	1	2	19.4	+4.3	+0.6	25	+2	12	+1	56	-4	0	656	629	3
LOWER EGYPT	TANTA	1016.3	+1.3	—	W	1	4	15.9	-2.4	—	29	—	11	—	72	—	0	32	—	—
	CAIRO EZBEKIYA	1015.8	+0.6	+1.4	NW	2	1	16.4	-2.4	-0.1	29	+2	12	0	68	0	0	16	29	—
	CAIRO GIZA	1016.4	+0.9	+1.4	NW	2	0	16.1	-2.1	—	29	+2	10	0	72	—	0	21	25	—
	CAIRO HELWAN	1016.8	+1.4	+1.9	NNW	2	0	14.4	-4.7	-2.4	28	+2	13	0	80	+24	0	19	30	—
	SIWA	1018.4	+5.3	+3.0	—	0	0	14.0	-2.3	-2.0	—	—	11	+1	78	+18	0	35	7	—
RED SEA	SUEZ	1013.9	-1.2	-1.2	N	3	0	17.0	-1.5	-0.2	30	+4	15	+1	80	+7	0	27	25	3
	TOR	1013.8	-1.0	+0.1	NW	4	0	20.8	+0.3	+2.6	29	+2	12	-2	71	+7	0	11	14	2
	HURGHADA	1013.1	-2.1	—	NNW	5	0	23.5	+1.5	—	26	—	12	—	36	—	0	0		3
	QOSSEIR	1012.8	-2.6	—	W	1	0	24.4	+1.9	—	26	—	18	—	40	—	0	15	—	1
UPPER EGYPT	GEBALI	1016.7	+0.1	+1.4	NW	3	0	17.7	-0.3	+0.3	31	+3	12	+1	61	+1	0	17		
	MINYA	1016.2	-0.4	—	NE	4	0	17.5	0.0	+0.3	31	+2	14	+2	66	0	—			
	ASYUT	1015.8	-1.3	+1.3	WNW	3	0	17.9	+0.4	-0.1	30	0	12	-1	52	+1	0	7		
	QENA	1013.6	-2.7	—	ENE	2	0	20.3	+2.4	-1.0	33	-1	12	-3	27	-15	—			
	KHARGA	1015.0	-0.2	—	SW	1	0	21.3	+1.2	—	33	—	—	—	32	—	0	1	—	
	ASWAN	1013.9	-1.7	+0.5	—	0	1	24.3	+3.5	+1.8	33	-1	18	+2	34	+4	—	—	—	
NORTH SUDAN	WADI HALFA	1014.2	-0.2	+1.2	—	0	2	23.0	+1.2	+2.0	35	0	19	+4	18	-10	—	—	—	
	MEROWE	1012.7	+0.8	+1.3	NE	2	1	30.0	+2.0	+4.3	40	+2	18	-1	9	-11	0	0	1	
	ATBARA	1011.2	-0.6	+1.2	N	4	0	27.5	+1.5	+0.1	41	+3	23	+4	41	+26	0	0	1	
	KHARTOUM	1010.0	-0.3	+1.2	NNW	4	6	27.9	+0.8	+1.6	39	+1	23	+3	8	-9	0	3	5	
EAST SUDAN	PORT SUDAN	1011.5	-2.5	-0.2	N	3	0	28.7	+1.2	+2.0	30	0	21	0	23	-39	0	29	107	3
	KASSALA	1006.8	+0.9	-1.1	—	0	0	28.5	-1.5	-1.5	41	+1	24	+3	49	+10	0	0	11	
	WAD MEDANI ROSEIRES	1006.0	+1.8	-1.9	N	1	2	31.0	-3.0	+1.2	43	+3	26	+5	32	+4	0	33	42	
SOUTH SUDAN	EL FASHER	1009.4	+0.7	—	NNW	1	2	26.0	+1.5	+2.6	41	+4	21	+4	10	-10	0	1	8	
	EL OBEID	1010.2	-0.2	-0.2	NNE	2	4	25.0	0.0	-1.9	39	+2	20	+2	30	+5	0	17	21	
	MALAKAL	1010.0	+2.1	+0.8	E	2	2	29.8	-5.8	+0.8	42	+3	25	+2	45	+7	0	104	103	
	WAU	1007.4	+0.7	-1.1	NSW	5	1	28.9	-2.8	+2.2	41	+3	25	+3	50	-11	2	114	182	
	JUBA	1009.6	-0.2	—	N	1	2	28.5	-2.0	—	41	—	—	—	55	—	2	124	188	

Upper Wind Observations at Helwan at h. m.

Height (metres)	Knots per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to-day. توقعات الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	69	+3	15.2	+1.2
Ezbekiya	27	-27	13.8	-0.9
Giza	34	-17	14.1	—
Helwan	18	-25	12.7	+0.3

NOTE A dash means that figures are not available

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" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
2.4	697	669
1.4	696	728

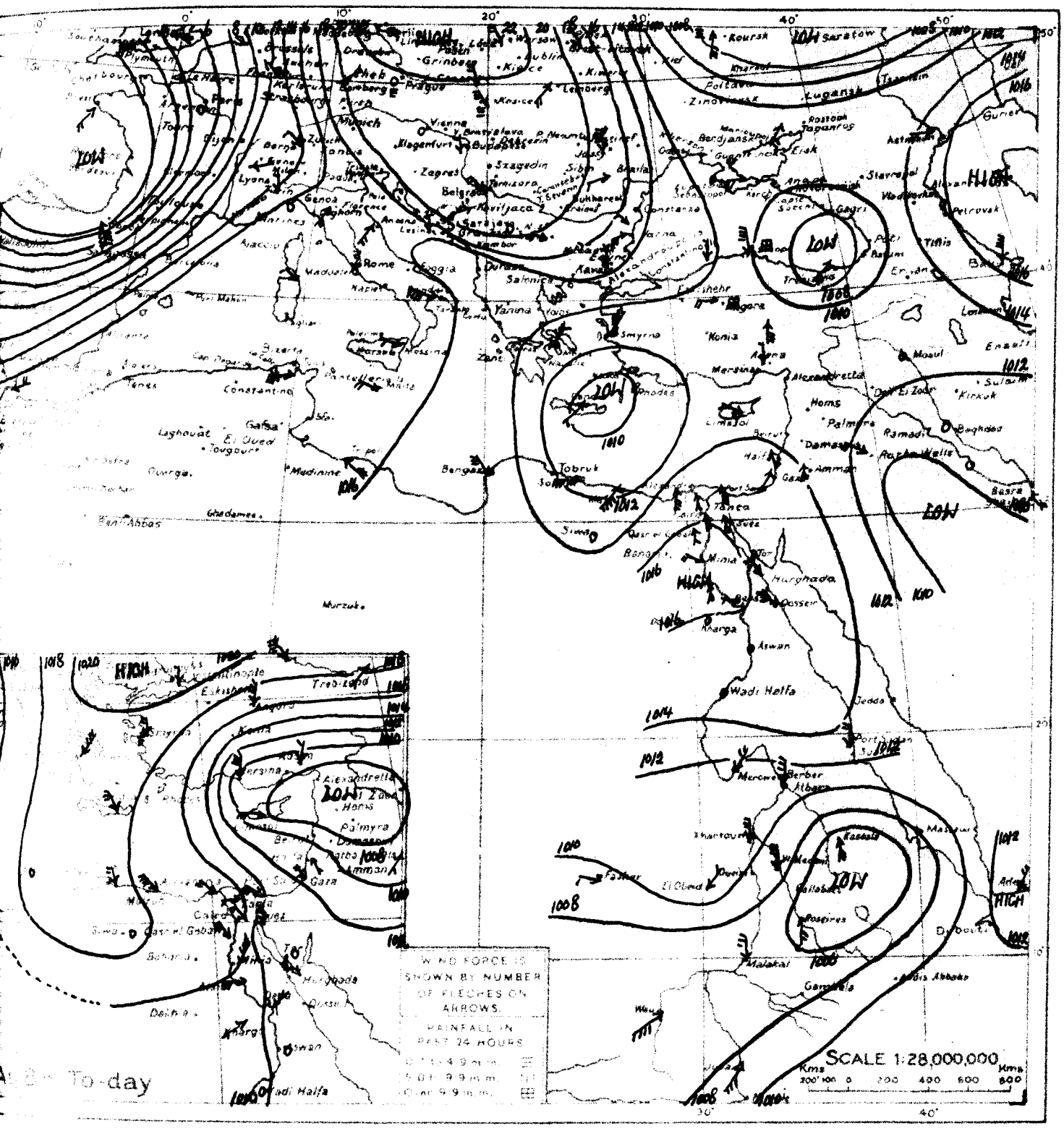
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	1.4	13.34	+0.08	13.38	+0.13
Nasser	1.4	4.73	-0.45	4.80	-0.37
Malakal	3.4	9.73	-0.34	9.73	-0.35
Roseires	3.4	11.12	-0.21	11.11	-0.22
Sennar Res.	1.4	17.44	—	17.54	—
Makwar	1.4	4.57	-0.61	4.58	-0.61
Khartoum	3.4	9.86	-0.24	9.86	-0.24
Kh. el Girba					
Atbara	3.4	9.71	-0.26	9.73	-0.25
Wadi Halfa	3.4	0.92	-0.43	0.92	-0.44
Aswan Res.	2.4	110.89	—	110.97	—
" D.S.	2.4	85.20	-0.14	85.21	-0.13
El Leithi	3.4	16.93	-0.05	16.93	-0.06
Roda (Cairo)	3.4	15.56	+0.07	15.56	+0.07

PRINTED AT THE SURVEY OF EGYPT (929/39/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٢ Barometer and Wind at 8 h. Yesterday 2.4.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٤-٢ From Observations taken at 8 h yesterday 2.4.31

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
	m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN: ROME	1018.3	+3.7	+5.5	NE	2	2	4	0	—	11	—	1	—	60	—	—	—	538	—
MALTA	1017.5	+3.9	+3.5	WNW	2	0	12	-2	—	18	0	8	-4	50	—	0	363	396	2
ATHENS	1013.1	+1.6	-0.9	NE	5	5	6	-6	—	—	—	—	—	70	—	—	—	305	—
CANDIA	1009.0	-5.6	-6.1	SW	1	1	17	+2	—	21	+2	12	0	—	—	0	456	418	1
LIMASSOL	1012.8	-2.0	-0.6	WNW	1	1	16	+3		19	-2	9	0	—	—	0	371	422	2
EGYPT and SUDAN: Merowe مروى	1011.9	+0.1	+0.5	NE	2	0	28.0	+0.5	+2.6	39	+1	18	-1	7	-13	0	0	1	—
Atbara عطبره	1011.8	+0.6	+1.7	N	3	0	26.0	-0.5	-1.3	41	+3	22	+3	42	+27	0	0	1	—
Kassala كسلا	1005.9	+0.6	-2.1	S	3	0	30.0	-3.0	+0.2	38	-2	23	+2	38	-2	0	0	11	—
Wad Medani ود مدنى	1008.2	0.0	-0.1	N	3	0	29.0	-1.0	+0.8	43	+3	24	+4	19	0	0	8	13	—
El Fasher الفاشر	1008.7	-1.2	—	WNW	1	0	24.5	+2.5	+1.3	40	+3	17	0	4	-16	0	1	8	—
El Obeid الابيض	1010.4	+1.4	0.0	NE	1	0	25.0	-2.8	-1.7	40	+3	19	+1	28	+3	0	17	21	—
Malakal الملوك	1007.9	-1.2	-1.3	N	3	1	35.6	+3.8	+6.6	41	+2	28	+5	14	-24	0	104	103	—
Wau واو	1006.7	-0.8	-1.9	SW	4	1	31.7	+2.6	+5.0	40	+2	27	+5	48	-13	0	112	180	—
Juba جوبا	1009.8	-0.9	—	SSW	3	1	30.5	+2.0	—	40	—	—	—	47	—	0	122	184	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 40

" " sunset 18 16

From Observations taken at 8h. to-day.

Saturday 4th April, 1931 ١٩٣١ السبت ٤ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1016.2	−2.1	−0.7	SW	3	3	15.6	+4.4	−0.7	20	—	10	—	57	−11	0	51	94	5
	MATRUH	1017.6	+0.2	+2.2	SW	4	2	14.4	−1.4	−2.0	17	−5	9	−3	70	0	0	174	156	2
	ALEXANDRIA	1019.5	+2.4	+4.6	S	1	2	15.7	−1.1	−1.6	20	−3	13	−1	65	−4	0	92	186	3
	PORT SAID	1019.8	+4.6	+6.2	WSW	2	2	16.2	−1.7	−2.0	21	−1	14	−1	72	+4	0	56	74	3
	GAZA	—	—	—	—	0	0	17.4	−0.5	−0.5	20	−3	10	−1	68	+2	0	231	366	—
	HAIFA	1016.6	+5.4	+3.8	—	0	0	18.9	−0.5	0.0	25	+2	13	+2	54	−6	0	656	629	2
LOWER EGYPT	TANTA	1019.4	+3.1	—	NE	1	0	15.2	−0.7	—	22	—	9	—	74	—	0	32	—	—
	EZBEKIYA	1019.4	+3.6	+5.0	N	1	0	15.8	−0.6	−0.8	23	−4	10	−2	64	−4	0	16	29	—
	GIZA	1019.5	+3.1	+4.5	NE	1	0	15.5	−0.6	—	24	−3	6	−4	69	—	0	21	25	—
	HELWAN	1019.2	+2.4	+4.4	ENE	3	0	14.9	+0.5	−2.1	25	−2	11	−2	63	+8	0	19	30	—
	FIWE	1017.0	−1.4	+1.6	—	0	0	16.0	+2.0	−0.2	—	—	11	0	61	+1	0	35	7	—
RED SEA	SUEZ	1018.6	+4.7	+3.6	NW	2	1	15.0	−2.0	−2.3	23	−3	11	−3	72	−1	0	27	25	1
	TOR	1016.0	+2.2	+2.4	NW	5	0	19.2	−1.6	+0.9	25	−2	17	+3	63	−1	0	11	14	5
	HURGHADA	1015.9	+2.8	—	NNW	5	0	19.5	−4.0	—	26	—	15	—	53	—	0	0	—	3
	QOSSEIR	1016.4	+3.6	—	NW	7	0	21.0	−3.4	—	28	—	18	—	56	—	0	15	—	7
UPPER EGYPT	SERAIS	1019.5	+2.8	+4.3	N	1	0	15.0	−2.7	−2.5	25	−3	10	−1	68	+9	0	17		
	MINYA	1019.4	+3.2	—	NNE	2	0	14.5	−3.0	−2.9	25	−4	10	−2	64	−2				
	ASYUT	1019.5	+3.7	+5.1	WSW	2	0	15.6	−2.3	−2.6	27	−3	11	−2	61	+10	0	7		
	QENA	1017.0	+3.4	—	WSW	2	0	19.5	−0.8	−2.0	35	+1	14	−1	45	+4				
	LUXOR	1018.4	+3.4	—	N	1	0	20.1	−1.2	—	30	—	18	—	47	—	0	1		
	ASWAN	1016.4	+2.5	+3.1	N	4	1	20.3	−4.0	−2.4	34	0	17	0	32	+2				
	WADI HALFA	1015.5	+1.3	+2.6	N	2	1	20.4	−2.6	−0.8	35	0	17	+1	30	+2				
	KERMA	1012.6	−0.1	+1.8	NE	3	0	28.0	−2.0	+2.1	40	+2	18	−1	7	−12	0	0	1	
	WADI HALFA	1012.7	+1.5	+2.8	N	4	1	26.5	−1.0	−1.1	39	+1	22	+3	37	+22	0	0	1	
	ATBARA	1010.6	+0.6	+1.9	NNW	3	3	26.8	−1.1	+0.4	37	−1	23	+3	9	−8	0	3	5	
	KHARTOUM	1011.5	0.0	−0.1	—	0	4	28.9	+0.2	+2.1	31	+1	20	−1	18	−44	0	29	107	1
	KH. EL GIRBA	1008.3	+1.5	+0.4	E	4	0	28.5	0.0	−1.6	38	−2	18	−3	45	+6	0	0	11	
	SENNAR	1005.4	−0.6	−2.4	NNE	1	3	30.0	−1.0	+0.2	43	+3	19	−2	30	+2	0	33	43	
	KOSTI	1011.2	+1.8		NNW	1	0	26.5	+0.5	+2.9	39	+1	15	−2	6	−14	0	1	8	
	WADI SEIDNA	1009.4	−0.2		NE	3	1	28.5	0.0		36	—			55		2	126	191	

TEMP. F C° — PRESS Mm Mb

General Situation

8 30 Egypt is now an area of high pressure, but a depression, which is now situated between Malta and Crete, is moving rapidly eastwards.

مصر الآن منطقة ضغط مرتفع وهناك انخفاض ما بين مالطا وكريت يتقدم بسرعة نحو الشرق .

500	10	NE
1000	30	N
1500	45	N
2000	50	NNW
3000		

Forecast for 24 hours from noon to-day.

On the coast moderate southerly winds freshening and veering to west tomorrow. Inland moderate northeasterly winds, veering later to south. Clear at first, some high cloud later. Slightly warmer; becoming changeable.

على الساحل رياح جنوبية معتدلة تتحول الى نسيم غربي غدا وفي الداخل رياح معتدلة شمالية شرقية تتحول فيما بعد الى جنوبية الجو صحو اولا ثم يظهر بعض السحاب العالي - وتزداد حرارة الجو قليلا ويأخذ في التغير .

STATION	Humidity Mean of day: Yesterday	Humidity Mean of day: Diff. from normal	Rainfall Temperature Mean of day: Yesterday	Rainfall Temperature Mean of day: Diff. from normal
	%	%	°C	°C
Alexandria	61	−5	13.4	−0.6
Ezbekiya	58	+4	13.6	−1.2
Giza	60	+9	13.5	—
Helwan	62	+19	12.6	+0.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
3.4	696	669
2.4	697	669

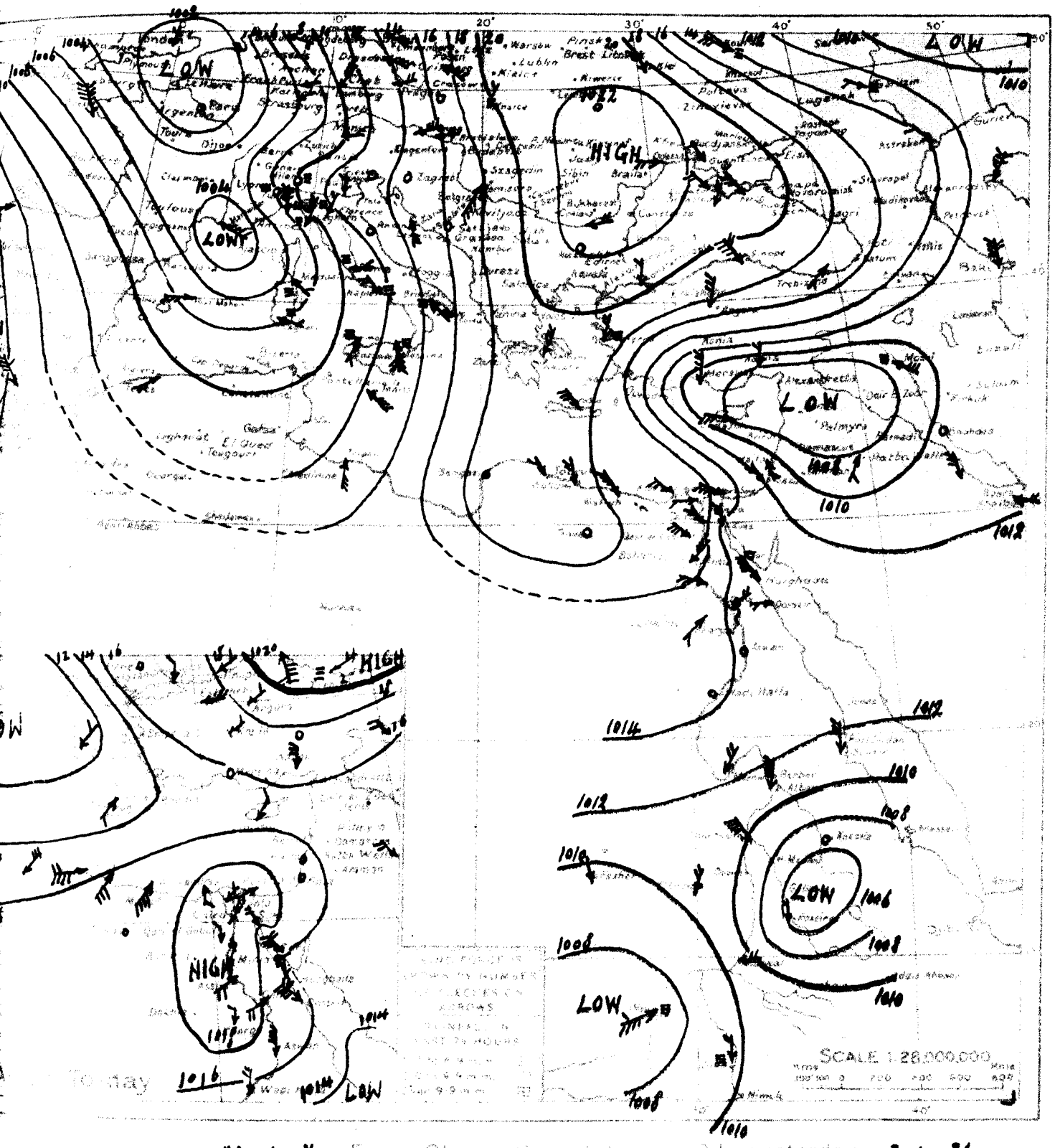
GAUGE	Date 1931	Reading m	Diff. from normal m	Reading m	Diff. from normal m
Juba	3.4	13.36	+0.09	13.36	+0.10
Nasser	2.4	4.68	−0.52	4.73	−0.45
Malakal	3.4	9.73	−0.34	9.73	−0.35
Roseires	4.4	11.13	−0.19	11.12	−0.21
Sennar Res.	3.4	17.16	—	17.31	—
Makwar	3.4	4.55	−0.59	4.55	−0.61
Khartoum	3.4	9.86	−0.24	9.86	−0.24
Kh. el Girba					
Atbara	3.4	9.71	−0.26	9.73	−0.25
Wadi Halfa	3.4	0.92	−0.43	0.92	−0.44
Aswan Res.	3.4	110.82	—	110.89	—
" D.S.	3.4	85.20	−0.14	85.20	−0.14
El Leithi	4.4	16.93	−0.03	16.93	−0.05
Roda (Cairo)	4.4	15.56	+0.07	15.56	+0.07

PRINTED AT THE SURVEY OF EGYPT 1929(29/869/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٢ Barometer and Wind at 8 h. Yesterday 3.4.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1/4 clouded	1
1/2 clouded	2
3/4 clouded	3
Entirely clouded	4
Fog	5
Sand dust	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Peculiar	8
Confused	9

٢١-٤-٢ From Observations taken at 8 h. yesterday. 3.4.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	AIR Temp.	Change in last 24 hours	Diff. from normal	Max.	Min.	Diff. from normal	Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1010.4	-7.9	-2.4	E	2	4	9	+5	—	13	—	4	—	70	—	min	—	541	—
MALTA	1012.5	-5.0	-1.5	SE	4	4	15	+3	—	15	-3	12	0	80	—	0	363	396	7
ATHENS	1019.8	+6.7	+5.8	NE	3	3	9	+3	—	—	—	—	—	50	—	—	—	305	—
CANDIA	1018.4	+9.4	+3.3	NW	3	2	14	-3	—	14	-5	12	0	—	—	0	456	418	5
DAMASSOL	1008.0	-4.8	-5.4	WNW	3	0	16	0		20	-2	13	+3	—	—	0	371	422	4

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 39m

" " sunset 18h 16m

From Observations taken at 8h. to-day.

Sunday 5th April, 1931 ١٩٣١ الأحد ٥ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.0	-6.2	-6.9	WSW	3	4	23.1	+7.5	+6.7	29	—	14	—	49	—	—	51	94	4
	MATRUH	1011.2	-6.4	-4.1	SSW	4	4	20.8	+6.4	+4.3	27	+5	14	+2	46	-24	0	174	156	2
	ALEXANDRIA	1014.2	-5.3	-0.6	ESE	2	4	16.8	+1.1	-0.6	24	+1	14	0	60	-9	0	92	186	3
	PORT SAID	1015.2	-4.6	+1.7	ESE	4	4	18.5	+2.3	+0.2	21	-1	16	+1	76	+8	0	56	74	3
	GAZA																			
	HAIFA	1014.4	-2.2	+1.6	—	0	0	18.3	-0.6	-0.8	23	-1	12	0	64	+4	70?	726	630	3
LOWER EGYPT	TANTA	1014.6	-4.8	—	NE	1	4	15.4	+0.2	—	25	—	13	—	75	—	0	32	—	—
	CAIRO: EZBEKIYA	1013.8	-5.6	-0.5	SSW	1	8	18.3	+2.5	+1.5	26	-1	13	+1	54	-14	0	16	29	—
	CAIRO: GIZA	1014.0	-5.5	-0.9	—	0	4	17.1	+1.6	—	26	-1	9	-1	69	—	0	21	26	—
	CAIRO: HELWAN	1013.9	-5.3	-0.8	—	0	4	20.0	+5.1	+2.8	27	0	16	+3	42	-13	0	19	31	—
	SIWA	1010.0	-7.0	-5.3	—	0	1	20.0	+4.0	+3.7	—	—	10	-1	—	—	0	35	7	—
RED SEA	SUEZ	1013.4	-5.2	-1.6	—	0	4	19.1	+4.1	+1.7	27	0	14	0	60	-13	0	27	25	0
	TOR	1014.3	-1.7	+0.7	—	0	5	20.8	+1.6	+2.3	22	-5	12	-3	58	-7	0	11	14	0
	HURGHADA	1013.4	-2.5	—	NNW	5	0	22.7	+3.2	—	25	—	12	—	41	—	0	0	—	3
	QOSSEIR	1013.5	-2.9	—	W	2	0	24.2	+3.2	—	25	—	17	—	54	—	0	15	—	2
UPPER EGYPT	BENI SUEF	1015.0	-4.5	-0.1	NW	1	0	17.5	+2.5	-0.2	27	-1	13	+2	57	-2	0	17	—	—
	MINYA	1015.0	—	—	NW	2	1	18.5	+4.0	+0.9	27	-2	11	-2	50	-16	—	—	—	—
	ASYUT	1014.7	-4.8	+0.4	WSW	2	2	18.0	+2.4	-0.4	30	0	13	0	51	+1	0	7	—	—
	QENA	1014.3	-2.7	—	N	2	0	19.6	+0.1	-1.9	34	-1	14	-1	25	-16	—	—	—	—
	KHARGA	1013.8	-4.6		—	0	1	21.9	+1.8	—	31	—	19		40		0	1	—	—
	ASWAN	1013.4	-3.0	+0.2	—	0	0	20.6	+0.3	-2.3	32	-2	16	-1	29	-1	—	—	—	—
SUDAN	WADI HALFA	1012.6	-2.9	-0.2	—	0	0	19.0	-1.4	-2.4	32	-3	14	-2	24	-3				
	MEROWE	1011.0	-1.6	-0.3	NE	2	0	28.0	0.0	+1.9	36	-2	17	-3	12	-7	0	0	1	—
	ATBARA	1011.1	-1.6	+1.3	N	2	0	25.0	-1.5	-2.7	38	0	20	+1	47	+32	0	0	1	—
	KHARTOUM	1010.2	-0.4	+1.6	NNE	1	0	26.0	-0.8	-0.6	37	-1	21	+1	12	-5	0	3	5	—
	PORT SUDAN	1011.5	0.0	0.0	N	2	2	27.2	-1.7	+0.3	32	+1	23	+2	57	-5	0	29	107	2
	KASSALA	1007.6	-0.7	-0.2	—	0	0	27.5	-1.0	-2.8	38	-2	21	0	33	-6	0	0	11	—
	WAD MEDANI	1009.6	-1.1	+1.5	N	2	0	27.5	-0.5	-1.1	40	-1	22	+1	21	+3	0	8	13	—
	ROSEIRES	1005.4	0.0	-2.4	NNE	1	0	29.5	-0.5	-0.4	42	+2	22	+1	43	+15	0	33	43	—
	EL FASHER	1008.8	-2.4		NW	1	0	27.5	+0.5	+3.2	38	0	16	-1	11	-9	0	1	8	—
	EL OBEID	1008.8	-0.6	-1.4	NNE	1	0	28.7	-1.3	+1.6	40	+2	19	+1	26	+1	0	17	21	—
	MALAKAL	1009.3	-0.5	+0.1	N	3	0	30.2	-1.3	+1.2	41	+2	22	-1	6	-34	0	104	104	—
	WAU	1008.0	+0.6	-0.5	W	1	0	31.8	+3.0	+5.2	41	+3	25	+3	22	-40	0	114	186	—
	JUBA	1009.9	+0.5	—	N	4	1	29.0	+0.5		39	—	—		55	—	1	127	195	—

TEMP F C — PRESS Mm Mb

Upper Air Observation

At Helwan at 8 30

Height (Centimetres)	Speed per hour	Direction
500	10	ESE
1000	15	SE
1500	10	SSE
2000	5	SW
3000	35	W

General Situation

The Mediterranean depression is now situated to the south of Crete and continues to approach. Pressure over the west of Egypt is rapidly falling. There is another shallow depression over the Canal Zone.

الحالة العمومية

يوجد انخفاض البحر الأبيض المتوسط بجنوب كريت ولا يزال يقترب والضغط آخذ في الهبوط بسرعة في غرب مصر وهناك انخفاض آخر قريب السطح فوق منطقة القنال

Forecast for 24 hours from noon to day.

On the coast light to moderate easterly winds becoming southerly later. Inland light to moderate variable winds chiefly southerly.
Some high cloud.
Warm. Moderate Khamsin conditions.

توقعات الطقس من ظهر اليوم إلى ظهر غد

رياح بالسواحل خفيفة ومعتدلة شرقية ثم تتحول إلى جنوبية وبالداخل رياح خفيفة ومعتدلة مختلفة الاتجاه أكثرها جنوبية في الأغلب — يظهر بعض السحاب العالي
الطقس حار — وحال الخمسين خمسيني معتدل

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	68	+2	13.8	-0.3
Ezbekiya	51	-3	13.7	-1.1
Giza	55	+4	13.6	—
Helwan	35	-8	12.0	-0.6

NOTE. A dash means that figures are not available.

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" " Abroad PT.150

Remarks

Discharges at Aswan measured by sluices m3 per sec

DATE	1931	1930
4-4	696	671
3-4	696	669

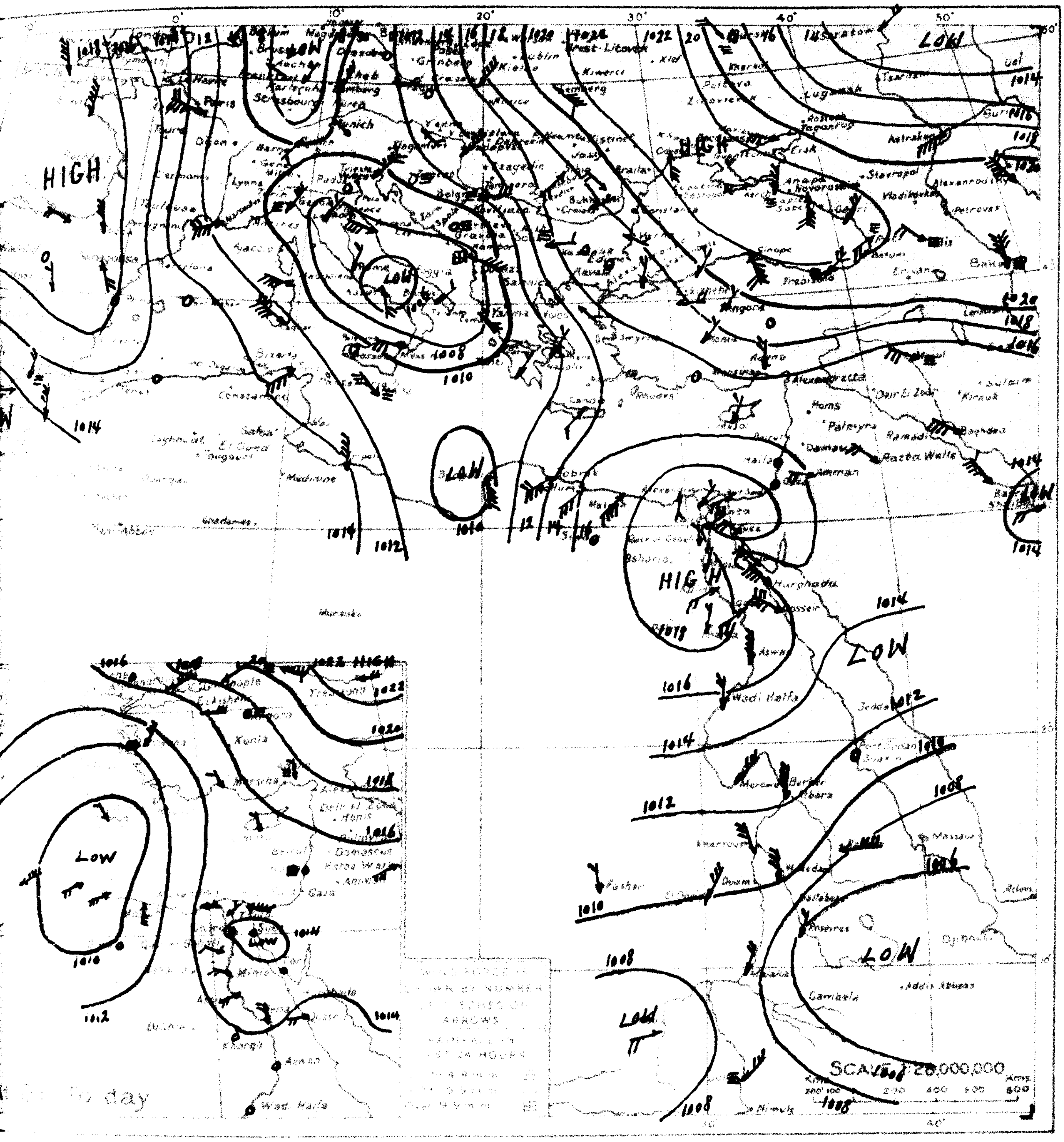
GAUGE	Date 1931	Reading m	Diff from Normal m	Previous Date Reading m	Diff from normal m
Juba	4-4	13.37	+0.10	13.36	+0.09
Nasser	2-4	4.68	-0.52	4.73	-0.45
Malakal	4-4	9.72	-0.35	9.73	-0.34
Roseires	5-4	11.14	-0.18	11.13	-0.19
Sennar Res.	4-4	17.05	—	17.16	—
Makwar	4-4	4.46	-0.67	4.55	-0.59
Khartoum	4-4	9.86	-0.24	9.86	-0.24
Kh. el Girba					
Atbara	4-4	9.70	-0.27	9.71	-0.26
Wadi Halfa	4-4	0.92	-0.42	0.92	-0.43
Aswan Res.	4-4	110.71	—	110.82	—
" D.S.	4-4	85.21	-0.13	85.20	-0.14
El Leithi	5-4	16.92	-0.03	16.93	-0.03
Roda (Cairo)	4-4	15.56	+0.07	15.56	+0.07

PRINTED AT THE SURVEY OF EGYPT 1930 (29/559/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١-٤-٤ Barometer and Wind at 8 h Yesterday 4-4-1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١-٤-٤ From Observations taken at 8 h yesterday 4-4-1931

	Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.5	-2.9	-5.3	NE	1	4	10	+1	—	13	—	9	—	40	—	0	—	543	—
	MALTA	1016.8	-1.7	-3.1	NW	3	4	14	-1	—	18	0	14	+2	70	—	drops	363	397	2
	ATHENS	1011.6	-8.2	-2.4	NE	1	5	11	+2	—	—	—	—	—	80	—	—	—	306	—
	CANDIA	1012.7	-5.7	-2.3	SW	1	3	17	+3	—	18	-1	9	-3	—	—	0	456	419	2
	LIMASSOL	1015.1	+7.1	+1.9	NNE	1	2	16	0	—	20	-2	8	-2	—	—	0	371	423	4
EGYPT and SUDAN	Medani ود مدني	1010.7	+2.8	+2.5	N	3	0	28.0	-0.5	-0.5	40	0	23	+2	17	-1	0	8	13	—
	El Obeid الأبيض	1009.4	-0.8	-0.9	NNE	3	2	30.0	+5.0	+3.0	40	+2	19	+1	21	-4	0	17	21	—
	Malakal ملكال	1009.8	-0.2	+0.6	NNE	2	1	31.5	+1.7	+2.5	42	+3	24	+1	6	-33	0	104	104	—
	Wau واو	1007.4	0.0	-1.1	WSW	2	0	28.8	-0.1	+2.2	40	+2	25	+3	56	-6	0	114	184	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 38 m

" " sunset 18 h 17 m

From Observations taken at 8h. to-day.

Monday 6th April, 1931 ١٩٣١ الاثنين ٦ ابريل

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1013.1	+3.1	-3.8	NNW	2	X	16.2	-6.9	-0.4	29	—	12	—	71	+3	0	51	94	3
	MATRUH	1012.0	+0.8	-3.3	NW	4	3	16.2	-4.6	-0.4	32	+10	16	+4	58	-12	0	174	156	5
	ALEXANDRIA	1009.8	-4.4	-5.0	W	2	0	18.3	+1.5	+0.8	31	+8	16	+2	84	+15	0	92	186	3
	PORT SAID	1007.5	-7.7	-6.0	SW	2	1	21.9	+3.4	+3.5	24	+1	17	+2	45	-23	0	56	74	2
	GAZA	—	—	—	SE	1	0	25.8	+4.6	+7.6	32	+9	19	+8	35	-31	0	231	366	—
	HAIFA	1005.8	-8.6	-6.9	SSE	1	1	26.2	+7.9	+7.0	27	+3	14	+2	62	+2	0	726	630	2
LOWER EGYPT	TANTA	1009.1	-5.5	—	SW	1	4	19.7	+4.3	—	32	—	14	—	73	—	0	32	—	—
	CAIRO EZBEKIYA	1010.0	-3.8	-4.2	WNW	2	0	23.8	+5.5	+6.8	34	+7	18	+5	33	-34	0	16	29	—
	GIZA	1009.6	-4.4	-5.2	—	0	0	23.8	+6.7	—	36	+9	14	+4	34	—	0	21	26	—
	HELWAN	1009.6	-4.3	-5.0	W	1	0	23.1	+3.1	+5.8	36	+9	18	+5	21	-33	0	19	31	—
	SIWA	1011.6	+1.6	-3.7	N	1	0	16.3	-3.7	-0.2	—	—	14	+3	86	+26	0	35	7	—
RED SEA	SUEZ	1006.7	-6.7	-8.3	S	3	0	22.5	+3.4	+5.0	30	+3	18	+4	63	-10	0	27	25	3
	TOR	1009.5	-4.8	-4.0	—	0	0	23.5	+2.7	+4.9	27	0	15	0	56	-9	0	11	14	0
	HURGHADA	1009.0	-4.4	—	WNW	4	0	25.7	+3.0	—	29	—	14	—	26	—	0	0		2
	QOSSEIR	1009.8	-3.7	—	SW	1	0	27.2	+3.0	—	28	—	19	—	28	—	0	15	—	1
UPPER EGYPT	GEBALI	1010.6	-4.4	-4.4	NW	1	0	21.0	+3.5	+3.2	34	+6	14	+3	53	-6	0	17		
	MINYA	1010.4	—	—	SSW	2	0	21.5	+3.0	+3.7	34	+5	14	+1	39	-26	—			
	ASYUT	1011.5	-3.2	-2.7	SSE	2	0	20.2	+2.2	+1.6	32	+2	16	+3	36	-13	0	7	—	
	QENA	1011.2	-3.1	—	NW	2	0	22.6	+3.0	+0.5	36	+1	14	-1	29	-12	—		—	
	KHARGA	1010.7	-3.1	—	—	0	0	21.2	-0.7	—	35	—	19	—	32	—	0	1	—	—
	ASWAN	1010.8	-2.6	-2.4	—	0	2	24.6	+4.0	+1.5	36	+2	18	+1	30	0	—	—	—	—
NORTH SUDAN	WADI HALFA	1009.8	-2.8	-2.9	—	0	0	21.2	+2.2	-0.4	38	+3	14	-2	19	-8	—	—	—	—
	WEROWE	1011.2	+0.2	0.0	NE	1	0	28.0	0.0	+1.6	39	0	18	-2	15	-4	0	0	1	—
	ATBARA	1009.8	-1.3	+0.1	N	2	0	27.8	+2.8	-0.1	38	0	18	-2	25	+10	0	0	1	—
	KHARTOUM	1009.6	-0.6	+1.1	NNE	1	0	26.6	+0.6	-0.2	38	0	20	0	10	-7	0	3	5	—
EAST SUDAN	PORT SUDAN	1010.2	-1.3	-1.3	NW	1	1	27.5	+0.3	+0.5	30	-1	22	+1	73	+12	0	29	107	1
	KASSALA	1007.6	0.0	-0.2	—	0	0	28.5	+1.0	-1.9	37	-3	22	+1	49	+10	0	0	11	
	WAD MEDANI																			
	ROSEIRES	1005.5	+0.1	-2.3	NNE	1	0	30.0	+0.5	0.0	43	+3	21	0	47	+18	0	33	44	—
SOUTH SUDAN	EL FASHER	1009.5	+0.7	—	WNW	1	0	24.0	-3.5	0.0	40	+2	13	-4	15	-5	0	1	8	
	EL OBEID	1008.7	-0.1	-1.5	NNE	1	0	30.9	+2.2	+3.6	39	+1	17	-1	23	-2	0	17	21	
	MALAKAL	1008.6	-0.7	-0.6	NNE	2	0	33.0	+2.8	+4.0	42	+3	22	-1	8	-32	0	104	105	
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at h. m. 8 45

Height (metres)	Kms. per hour	Direction
500	25	SW
1000	60	SW
1500	45	WSW
2000	45	WSW
3000		

General Situation

The depression is now situated near Palestine. The pressure to the west of Egypt is slowly rising.

الحالة العمومية

يقع الانخفاض الجوى بالقرب من فلسطين والضغط فى غرب مصر آخذ فى الصعود ببطء

Forecast for 24 hours from noon to-day.

Moderate westerly winds veering to the northwest tomorrow.
Occasional medium cloud.
Khamsin conditions breaking tonight.
Cooler tomorrow.

توقعات الطقس لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح غربية معتدلة تتحول الى الشمال الغربى باكر
يظهر بعض السحاب المتوسط
تنكسر حدة الخماسين الليلة ويبرد الطقس غدا.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	54	-12	16.3	+2.1
Ezbekiya	46	-8	16.4	+1.5
Giza	58	+7	17.0	—
Helwan	30	-13	16.0	+3.3

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
5.4	697	671
4.4	696	671

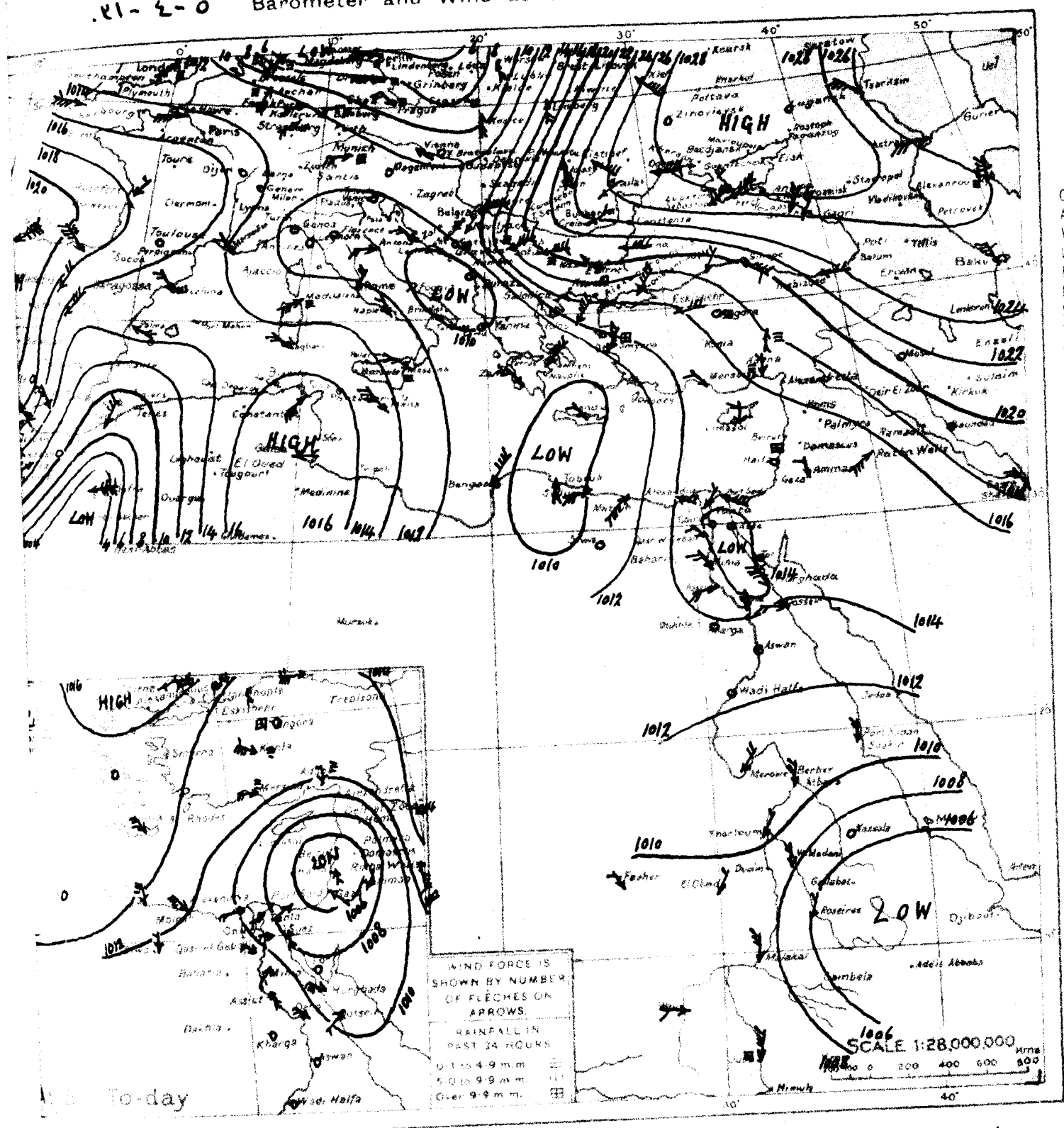
GAUGE	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
	1931	m	m	m	m
Juba	5.4	13.38	+0.10	13.37	+0.10
Nasser	4.4	4.68	-0.56	4.76	-0.47
Malakal	5.4	9.71	-0.36	9.72	-0.35
Roseires	6.4	11.15	-0.16	11.14	-0.18
Sennar Res.	5.4	16.92	—	17.05	—
Makwar	5.4	4.46	-0.66	4.46	-0.67
Khartoum	5.4	9.87	-0.22	9.86	-0.24
Kh. el Girba					
Atbara	5.4	9.71	-0.26	9.70	-0.27
Wadi Halfa	5.4	0.92	-0.41	0.92	-0.42
Aswan Res.	5.4	110.65	—	110.71	—
" D.S.	5.4	85.21	-0.12	85.21	-0.13
El Leithi	6.4	16.93	-0.02	16.92	-0.03
Roda (Cairo)	6.4	15.60	+0.12	15.58	+0.09

PRINTED AT THE SURVEY OF EGYPT 1930(30/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٥ Barometer and Wind at 8 h. Yesterday 5.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٤-٥ From Observations taken at 8 h. yesterday. 5.4.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Max. Yesterday	Diff from normal	Min.	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1013.1	+5.6	+0.3	NE	2	0	10	0	—	15	—	8	—	70	—	0	—	545	—
MALTA	1014.2	+3.4	+0.3	NW	4	0	14	0	—	16	-2	12	0	70	—	0	363	398	2
ATHENS	1011.1	-0.5	-2.8	NE	4	4	12	+1	—	—	—	—	—	80	—	—	—	307	—
CANDIA	1009.6	-3.1	-5.4	NW	1	2	21	+4	—	22	+3	15	+3	—	—	0	456	420	2
LIMASSOL	1015.1	0.0	+1.9	N	1	1	16	0		20	-2	8	-2	—	—	0	371	424	3
Gaza غزة	—	—	—	—	0	0	21.2	+3.8	+3.2	21	-2	10	-1	46	-20	0	231	366	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 37 m

" " sunset 18 h 17 m

From Observations taken at 8h. to-day.

Tuesday 7th April, 1931 ١٩٣١ الثلاثاء ٧ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1015.8	+2.7	-1.1	E	1	0	15.1	-1.1	-1.6	23	—	12	—	85	+18	0	51	94	2
	MATRUH	1016.3	+4.3	+1.1	—	0	0	16.8	+0.6	+0.1	27	+5	11	-1	66	-4	0	174	156	0
	ALEXANDRIA	1016.4	+6.6	+1.7	N	1	3	18.1	-0.2	+0.5	22	-1	14	0	65	-4	0	92	187	3
	PORT SAID	1016.3	-1.2	+2.8	N	2	4	18.6	-3.3	+0.1	27	+4	16	+1	64	-3	0	56	74	3
	GAZA	—	—	—	—	0	2	18.6	-7.2	+0.3	33?	+10	16	+5	69	+3	0	231	367	
	HAIFA	1013.1	+7.3	+0.4	~~SSE~~	~~+0~~	1	20.9	-5.3	+1.6	29	+5	15	+3	61	+1	0	726	631	2
LOWER EGYPT	TANTA	1016.4	+7.3		NNW	1	4	17.1	-2.6		27		13		63		0	32		
	MENSOURA	1015.9	+5.9	+1.7	NNE	3	2	18.0	-5.8	+0.9	29	+2	15	+2	63	-4	0	16	29	
	ZAGAZIG	1016.2	+6.6	+1.4	NE	2	3	18.0	-5.8	—	30	+3	14	+4	64	—	0	21	26	
	ISMAILIA	1016.2	+6.6	+1.6	NNE	3	1	16.5	-6.6	-1.0	30	+3	14	+1	63	+9	0	19	31	
	SUEZ	1014.0	+2.4	-1.3	ESE	1	0	16.0	-0.3	-0.6	—	—	14	+3	79	+19	0	35	7	
RED SEA	SUEZ	1014.7	+8.0	-0.2	N	2	2	17.8	-4.7	+0.1	31	+4	16	+2	65	-7	0	27	25	1
	TOR	1013.0	+3.5	-0.5	NW	5	0	20.0	-3.5	+1.2	30	+3	17	+2	78	+13	0	11	14	5
	HURGHADA	1012.7	+3.7		NNW	6	0	20.7	-5.0		31		19		46		0	0		4
	QOSSEIR	1012.7	+2.9		NNW	6	0	24.0	-3.2		31		21		64		0	15		6
[illegible]	[illegible]	1016.0	+5.4	+1.0	NE	3	0	17.6	-3.4	-0.4	32	+4	12	+1	65	+7	0	17		
	[illegible]	1015.0	+4.6		N	3	0	17.0	-4.5	-1.0	37	+8	12	-1	70	+5				
	[illegible]	1015.2	+3.7	+1.0	WNW	3	0	16.8	-3.4	-2.0	37	+7	14	0	72	+24	0	7		
	[illegible]	1012.6	+1.4		W	2	0	24.2	+1.6	+1.9	39	+4	19	+4	39	-1				
	[illegible]	1013.0	+2.3		NE	1	0	23.1	+1.9		37		20		38		0	1		
	[illegible]	1011.8	+1.0	-1.4	—	0	0	24.5	-0.1	+1.2	38	+3	19	+2	13	-17				
	[illegible]	1011.5	+1.7	-1.1	—	0	0	21.2	0.0	-0.6	39	+4	15	-1	22	-5				
	[illegible]	1010.8	-0.4	-0.3	NE	2	0	27.0	-1.0	+0.4	40	+1	17	-3	13	-6	0	0	1	
	[illegible]	1009.3	-0.5	-0.3	N	3	0	29.0	+1.2	+0.9	40	+2	20	0	26	+11	0	0	1	
	[illegible]	1010.2	+0.6	+1.7	NNE	4	0	27.1	+0.5	+0.2	39	+1	20	0	8	-8	0	3	5	
	[illegible]	1012.6	+2.4	+1.2	NE	1	2	28.9	+1.4	+1.8	31	0	26	+5	76	+15	0	29	107	1
	[illegible]	1007.8	+2.3	+0.1	E	1	1	31.0	+1.0	+1.0	43	+3	20	-1	48	+19	0	33	44	
	[illegible]	1008.7	-0.8		WNW	1	0	24.0	0.0	-0.1	41	+3	14	-3	11	-9	0	1	8	
	[illegible]	1010.6	+2.0	+1.4	N	1	1	31.0	-2.0	+2.0	42	+3	24	+1	45	+4	0	104	106	
	[illegible]	1011.2	+1.2		SW	4	1	26.5	-2.0		40		—		73		5	132	203	

[illegible]

8 30 Egypt is now an area of high pressure but to the west the pressure is again falling. A depression is situated over Tunis and there are indications of a shallow depression over the Libyan desert.

مصر الآن منطقة ارتفاع ولكن الضغط آخذ في الهبوط ثانية في الغرب وهناك انخفاض فوق تونس وأيضا مايدل على انخفاض آخر قريب الغور فوق صحراء ليبيا.

20 NE
10 NNE
25 NW
25 NW
35 WNW

[illegible] for 24 hours from noon to 6 p.m.

Winds chiefly northeasterly, light on the coast, moderate inland, veering to east and south-east later.
Clear or occasional high cloud.
Becoming warmer tomorrow.

رياح أكثرها شمالية شرقية خفيفة على الساحل ومعتدلة في الداخل تتحول الى شرقية وجنوبية شرقية فيما بعد
السماء صحو أو بها بعض السحاب العالي - الطقس أميل للدفء غدا.

STATION	Humidity: Mean of Day	Humidity: Diff from normal	Temperature: Mean of Day	Temperature: Diff from normal
	%		°C	
Alexandria	80	+13	16.2	+2.0
Ezbekiya	44	-10	16.6	+1.6
Giza	44	-6	16.4	—
Helwan	33	-9	14.9	+2.2

NOTE. A dash means that figures are not available.

Terms of Subscription: By Inland Post, P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
7.4	695	673
6.4	696	671

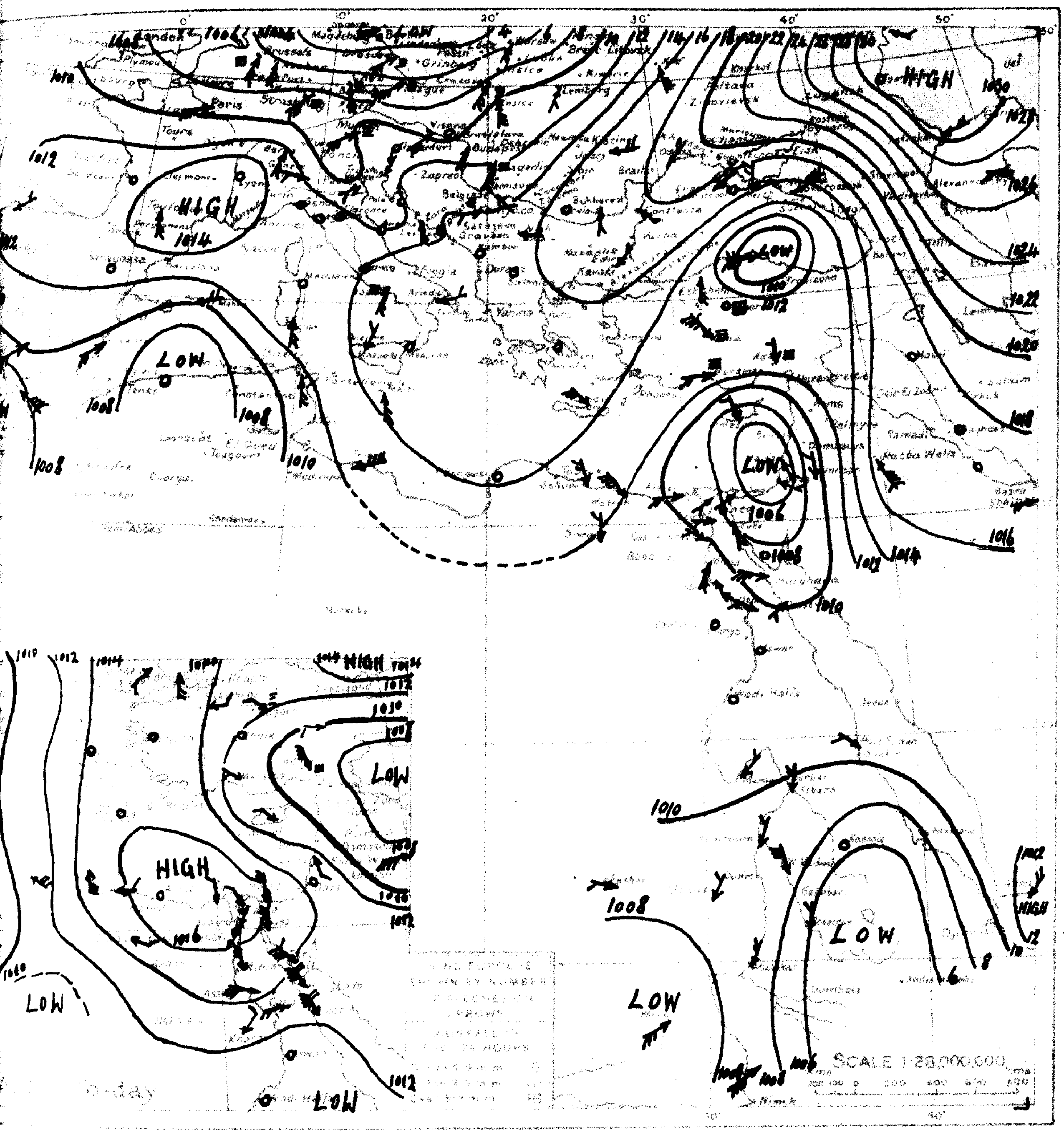
GAUGE	Date	Reading	Diff from normal	Reading	Diff from normal
	1931	m.	m.	m.	m.
Juba	6.4	13.36	+0.08	13.38	+0.10
Nasser	6.4	4.68	-0.59	4.64	-0.61
Malakal	6.4	9.71	-0.35	9.71	-0.36
Roseires	7.4	11.18	-0.13	11.15	-0.16
Sennar Res.	6.4	16.79	—	16.92	—
Makwar	6.4	4.46	-0.65	4.46	-0.66
Khartoum	6.4	9.90	-0.19	9.87	-0.22
Kn. el Girba					
Atbara	6.4	9.70	-0.26	9.71	-0.26
Wadi Halfa	6.4	0.89	-0.43	0.92	-0.41
Aswan Res.	7.4	110.53	—	110.60	—
" D.S.	7.4	85.19	-0.14	85.20	-0.13
El Leithi	7.4	16.94	-0.01	16.93	-0.02
Roda (Cairo)	7.4	15.60	+0.12	15.60	+0.12

PRINTED AT THE SURVEY OF EGYPT 1928(29/100/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

٦-٤-٣١. Barometer and Wind at 8 h. Yesterday 6.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٦-٤-٣١. From Observations taken at 8 h yesterday 6.4.31.

	BAROMETER			WIND			TEMPERATURE							HUMIDITY		RAINFALL			
	Reduced to Sea Level	Change in last 24 hours	D.ff from normal	Direction	Force	Sky	At 8 h	Change in last 24 hours	D.ff from normal	Maximum yesterday	D.ff from normal	Minimum	D.ff from normal	At 8 h	D.ff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1014.0	+0.9	+1.2	—	0	4	10	0	—	17	—	8	—	80	—	—	—	547	—
MALTA	1014.6	+0.4	+0.8	S	2	4	13	-1	—	17	-1	11	-1	80	—	0	363	398	1
ATHENS	1015.5	+4.4	+1.6	—	0	2	9	-3	—	—	—	—	—	70	—	—	—	308	—
CANDIA	1014.8	+5.2	0.0	NW	3	3	16	-5	—	24	+5	14	+2	—	—	0	456	420	4
LIMASSOL	1006.3	-8.8	-6.9	NNW	1	0	22	+6		22	0	13	+3	—	—	0	371	424	6
Wad Medani ود مدني	1009.1	-0.5	+1.0	N	3	0	29.0	+1.5	+0.3	40	-1	19	-2	16	-2	0	8	13	—
Wau واو	1007.4	-0.6	-1.1	SW	3	0	29.8	-2.0	+3.2	42	+4	25	+3	51	-12	0	114	188	—
Juba جوبا	1010.0	+0.1	—	SW	4	1	28.5	-0.5	—	35	—	—	—	55	—	0	127	199	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

• CAIRO, to-morrow

Time of sunrise 05 36

" sunset 18 18

From Observations taken at 8 h. to-day.

Wednesday 8th April, 1931 — ١٩٣١ — الاربعاء ٨ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	~~1008.3~~	-7.5	-8.6	~~E~~	3	4	~~16.8~~	+1.7	0.0	22	—	~~14~~	—	~~84~~	+17	0	51	94	5
	MATRUH	1010.7	-5.6	-4.5	SE	5	4	16.2	-0.6	-0.6	20	-2	14	+2	71	+1	0	174	156	2
	ALEXANDRIA	1013.0	-3.4	-1.7	ESE	4	4	15.2	-2.9	-2.5	22	-1	13	-1	89	+20	0	92	187	3
	PORT SAID	1014.0	-2.3	+0.6	ESE	5	2	18.2	-0.4	-0.4	21	-2	16	+1	78	+11	0	56	74	3
	GAZA	—	—	—	ENE	1	0	16.9	-1.7	-1.5	22	-2	10	-1	69	+3	0	231	367	
	HAIFA	1013.4	+0.3	+0.8	—	0	0	18.9	-2.0	-0.5	23	-1	14	+2	60	0	0	726	631	2
LOWER EGYPT	TANTA	~~1014.8~~	-4.6	—	N	1	4	18.2	+1.1	—	27	—	12	—	69	—	0	32	—	—
	CAIRO: EZBEKIYA	1011.5	-4.4	-2.6	N	1	2	19.9	+1.9	+2.6	26	-1	15	+2	54	-13	0	16	29	—
	CAIRO: GIZA	1011.5	-4.7	-3.2	N	2	3	18.9	+0.9	—	26	-1	12	+2	63	—	0	21	26	—
	CAIRO: HELWAN	1011.9	-4.3	-2.6	WNW	2	2	17.0	+0.5	-0.6	27	0	16	+3	43	-10	0	19	31	—
	SIWA	1010.0	-4.0	-5.2	E	1	1	19.8	+3.8	+3.0	—	—	—	—	58	-1	0	35	7	—
RED SEA	SUEZ	1011.4	-3.3	-3.5	N	1	1	18.0	+0.2	+0.2	26	-1	14	0	67	-5	0	27	25	0
	TOR	1011.9	-1.1	-1.5	NW	2	0	21.0	+1.0	+2.1	24	-3	13	-2	74	+9	0	11	14	2
	HURGHADA	1011.4	-1.3	—	NNW	5	0	23.6	+2.9	—	27	—	13		36		0	0		3
	QOSSEIR	1011.9	-0.8	—	N	5	0	25.4	+1.4	—	26	—	20	—	34	—	0	15		5
UPPER EGYPT	GEBALI	1012.4	-3.6	-2.5	NE	1	0	19.0	+1.4	+0.8	28	-1	12	+1	46	-12	0	17		
	MINYA	1011.5	-3.5	—	NNW	2	0	19.0	+2.0	+0.9	28	-2	11	-2	63	-2				
	ASSIUT	1011.8	-3.4	-2.3	SSW	2	0	20.8	+4.0	+1.8	30	0	14	0	34	-13	0	7		
	QENA	1011.6	-1.0	—	NNW	2	0	22.6	-1.6	+0.1	38	+3	15	0	19	-21				
	KHARGA	1010.4	-2.6	—	—	0	0	26.5	+3.4	—	33	—	—		~~24~~		0	1		
	ASWAN	1011.2	-0.6	-1.9	—	0	0	25.0	+0.5	-0.5	38	+3	20	+3	17	-12				
NUBIA	WADI HALFA	1009.9	-1.6	-2.6	—	0	0	26.0	+4.8	+4.0	40	+4	18	+2	15	-12				
	SEMNA	1008.2	-2.6	-2.9	NE	2	0	31.0	+4.0	+4.2	42	+3	21	+1	7	-12	0	0	1	
	KORTI	1008.7	-0.6	-0.8	NE	3	0	31.0	+2.0	+2.7	41	+2	22	+2	22	+13	0	0	1	
	DONGOLA	1007.0	-3.2	-1.5	NNE	2	0	29.1	+2.0	+2.0	40	+2	22	+2	10	-6	0	3	5	
EASTERN DESERT	KOSEIR	1012.4	-0.2	+1.0	NE	2	4	28.5	-0.4	+1.3	32	+1	25	+4	78	+18	0	29	107	2
	WADI MEDANI	1007.5	-2.8	-0.5	NNW	2	0	31.0	-0.5	+2.1	42	+1	21	0	17	0	0	8	13	
	ROSETTA	1006.6	-1.2	-1.1	—	0	0	29.0	-2.0	-1.1	43	+3	19	-2	24	-5	0	33	45	
SINAI PENINSULA	EL TASSLA	1007.0	-1.7	—	WNW	1	0	27.0	+3.0	+2.7	41	+3	15	-3	11	-9	0	1	8	
	EL ARISH																			
	MALAKI																			
	WAL																			
	JUBA																			

Upper Air Observations at Heliopolis 8 30

Height (metres)	Speed (knots)	Direction
500	20	ESE
1000	10	ENE
1500	5	NNE
2000	10	WNW
3000	30	NW

General Situation

الحالة العمومية

Pressure over Egypt continues to fall. The main depression is centred between Malta and Greece, and the secondary between Benghazi and Sollum.

يستمر الضغط آخذا في الهبوط فوق مصر ويوجد المنخفض الرئيسي الآن بين مالطة واليونان والثانوي بين بنغازي والسلوم.

Forecast for 24 hours from noon to day.

Light to moderate easterly and southerly winds, freshening. Much high cloud. Remainining warm. Khamsin conditions. Slight possibility of light rain on the coast tomorrow.

الرياح بين الخفيفة والمعتدلة شرقية وجنوبية تزداد شدة. يكثر السحاب العالي - ويستمر الطقس دافئا وحالة خمسينيا - ربما تساقط مطر خفيف على الساحل باكر.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	70	+3	14.8	+0.5
Ezbekiya	50	-4	15.4	+0.3
Giza	60	+10	15.3	—
Helwan	44	+2	13.6	+0.8

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Aswan Discharge for 10.3.31 published on 11 & 12.3.31 should read 719 m³ instead of 732 m³ p.s.

ملاحظة - صح قراءة التصرف عند اسوان يوم ١٠-٣-٣١ المنشورة بتقريري يومي ١١ و ١٢-٣-٣١ هي ٧١٩ بدلا من ٧٣٢ مترا مكعبا في الثانية.

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
7.4	695	673
6.4	696	671

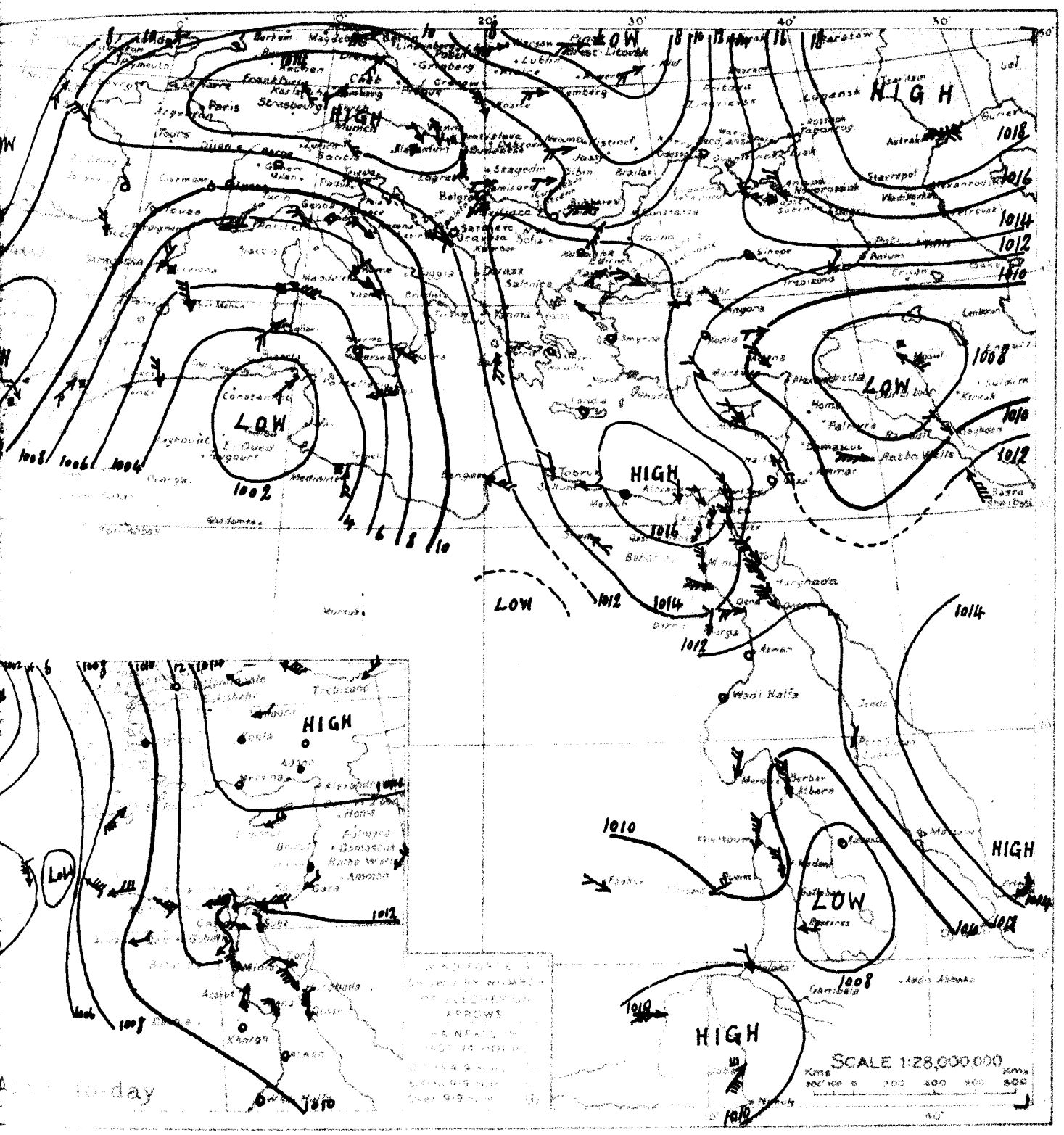
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous day: Reading m	Previous day: Difference m
Juba	7.4	13.42	+0.13	13.36	+0.06
Nasser	6.4	4.68	-0.59	4.64	-0.61
Malakal	7.4	9.70	-0.36	9.71	-0.35
Roseires	8.4	11.18	-0.14	11.18	-0.13
Sennar Res.	6.4	16.79	—	16.92	—
Makwar	6.4	4.46	-0.65	4.46	-0.66
Khartoum	8.4	9.88	-0.19	9.90	-0.18
Kh. el Girba					
Atbara	7.4	9.69	-0.26	9.70	-0.26
Wadi Halfa	8.4	0.89	-0.42	0.89	-0.43
Aswan Res.	7.4	110.53	—	110.60	—
" D.S.	7.4	85.19	-0.14	85.20	-0.13
El Leithi	8.4	16.95	+0.01	16.94	-0.01
Roda (Cairo)	8.4	15.62	+0.14	15.60	+0.12

PRINTED AT THE SURVEY OF EGYPT (829/29/659/1) 1930 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٤-٧ Barometer and Wind at 8 h Yesterday 7.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٤-٧ From Observations taken at 8 h. yesterday 7.4.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change last 24 hours	TEMPERATURE Diff. from yesterday	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Min.	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Last 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
CRETE	1008.6	-5.4	-4.2	NE	1	4	11	+1	—	17	—	7	—	70	—	0	—	550	—
MALTA	1005.0	-9.6	-8.8	E	4	4	16	+3	—	17	-1	14	+2	80	—	0	363	399	2
ATHENS	1014.7	-0.8	+0.8	—	0	1	9	0	—	—	—	—	—	80	—	—	—	308	—
CANDIA	1015.8	+1.0	+1.0	—	0	1	17	+1	—	22	+3	9	-3	—	—	0	456	421	2
LIMASSOL	1011.2	+4.9	-2.0	NW	1	0	18	-4		23	+1	8	-2	—	—	0	371	425	2
SUDAN Kassala كسلا	1006.3	-1.3	-1.4	—	0	0	34.5	+6.0	+3.9	42	+2	23	+1	12	-26	0	0	11	—
Wad Medani ودمدني	1010.3	+1.2	+2.3	N	3	0	31.5	+2.5	+2.7	42	+1	21	0	9	-8	0	8	13	—
El Obeid الأبيض	1009.4	+0.7	-0.7	ENE	2	0	27.8	-3.1	+0.3	39	+1	17	-1	14	-12	0	17	21	—
Wau واو	1010.2	+2.8	+1.7	W	3	0	20.1	-9.7	-6.4	41	+3	26	+4	—	—	0	114	190	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 35m

" " sunset 18h 19m

From Observations taken at 8 h. to-day.

Thursday 9th April, 1931 — ١٩٣١ — الخميس ٩ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff from yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1	Rainfall: Normal from Oct 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	~~1005.5~~	-2.8	-11.4	~~NW~~	~~3~~	0	~~16.4~~	-0.4	-0.5	~~25~~	—	13	—	~~78~~	+6	0	51	94	4	
	MATRUH	1005.3	-5.4	-9.8	NW	2	0	17.2	+1.0	+0.3	33	+11	16	+4	63	-7	0	174	156	2	
	ALEXANDRIA	1005.0	-8.0	-9.7	NW	3	4	20.0	+4.8	+2.2	29	+6	15	+1	74	+5	0	92	187	4	
	PORT SAID	1004.7	-9.3	-8.7	SW	2	4	24.0	+5.8	+5.3	24	+1	18	+3	39	-28	0	56	75	0	
	GAZA	—	—	—	NW	3	7	27.7	+10.8	+9.1	28	+4	16	+5	19	-47	0	231	367		
	HAIFA	1005.9	-7.5	-6.7	—	0	4	24.4	+5.5	+4.9	23	-1	15	+3	63	+3	0	726	651	2	
LOWER EGYPT	TANTA	1004.3	-7.5	—	S	1	4	23.3	+5.1	—	31	—	15	—	40	—	0	32	—	—	
	CAIRO: EZBEKIYA	1005.0	-6.5	-9.1	S	2	4	27.1	+7.2	+9.6	33	+6	19	+6	27	-39	0	16	30	—	
	CAIRO: GIZA	1005.1	-6.4	-9.5	S	2	4	27.9	+9.0	—	36	+9	18	+8	23	—	0	21	26	—	
	CAIRO: HELWAN	1004.8	-7.1	-9.6	S	2	4	26.7	+9.7	+8.9	36	+9	26	+13	24	-29	0	19	31	—	
	SIWA	1007.1	-2.9	-8.1	—	0	0	20.6	+0.2	+3.0	—	—	18	+7	83	+24	0	35	7	—	
RED SEA	SUEZ	1004.4	-7.0	-10.5	S	3	4	22.5	+4.5	+4.6	30	+3	17	+3	70	-2	0	27	25	2	
	TOR	1007.2	-4.7	-6.2	S	1	4	24.6	+3.6	+3.6	31	+4	17	+2	79	+14	0	11	14	1	
	HURGHADA	1006.0	-5.4	—	SE	4	3	23.2	-0.4	—	30	—	15	—	60	—	0	0		2	
	QOSSEIR	1008.8	-3.1	—	N	2	3	25.2	-0.2	—	27	—	18	—	59	—	0	15		2	
UPPER EGYPT	GEBALI	1005.8	-6.6	-9.0	SE	1	0	24.5	+5.5	+6.1	35	+6	18	+7	36	-21	0	17			
	MINYA	1006.6	-4.9	—	NW	2	0	26.5	+7.5	+8.3	37	+7	18	+5	34	-31					
	ASYUT	1005.6	-6.2	-8.5	ESE	2	4	23.8	+3.0	+4.5	35	+4	20	+6	43	-3	0	7			
	QENA	1007.0	-4.6	—	ENE	1	4	24.4	+1.8	+1.7	38	+3	19	+4	31	-9					
	KHARGA	1005.5	-4.9	—	—	0	2	24.9	-1.6	—	39	—	23	—	43		0	1			
	ASWAN	1006.6	-4.6	-6.4	—	0	4	25.3	+0.3	-0.4	39	+4	21	+4	39	+10	—	—			
NORTH SUDAN	WADI HALFA	1005.9	-4.0	-6.5	—	0	~~6~~	26.6	+0.6	+4.4	41	+5	19	+3	23	-3					
	MERCHAR																				
	ATBARA																				
	KHARTOUM	1005.3	-1.7	-3.1	—	0	0	29.6	+0.5	+2.3	41	+3	23	+3	24	+8	0	3	5		
EAST SUDAN	PORT SUDAN	1007.4	-5.0	-3.9	—	0	0	28.7	+0.2	+1.4	32	+1	25	+4	76	+16	0	29	107	1	
	KASSALA																				
	WAD MEDANI																				
	ROSEIRES	1004.0	-2.6	-3.7	—	0	0	31.5	+2.5	+1.4	43	+3	21	0	40	+11	0	33	45		
SOUTH SUDAN	EL FASHER	1004.7	-2.3	—	WSW	1	0	27.0	0.0	+2.6	41	+3	14	-4	15	-5	0	1	8		
	EL OBEID																				
	MALAKAL																				
	WAU																				
	JUBA																				

TEMP. F. C. — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at 9 00 p.m.

Height (metres)	Rate of Wind	Direction
500	55	S
1000	45	SW
1500	70	SW
2000	80	SW
3000		

General Situation

The secondary depression passed north of the Delta early this morning and is now centred off Port Said. The main depression is moving east along the Mediterranean and is now situated north of Crete.

الحالة العمومية

قد مر الانخفاض الثانوي بشمال الدلتا اليوم في الصباح المبكر وهو الآن بالقرب من بورسعيد - أما الانخفاض الرئيسي فانه ينزل شرقا فوق البحر المتوسط وهو الآن بشمال كريت.

Forecast for 24 hours from noon to-day.

Fresh, at times strong, southerly winds, veering to west later.
Much cloud. Possibility of light rain on the coast. Cooler tomorrow, but temperature remaining above normal. Khamsin conditions breaking tomorrow.

توقعات الطقس من ظهر اليوم الى ظهر غد

رياح جنوبية نسيمية تكون شديدة احيانا وتتحول الى غربية فيما بعد - يكثر السحاب - وربما تساقط مطر خفيف على الساحل - تبرد درجة الحرارة باكر ولكنها تستمر فوق المعدل وينتهي الخمسين باكر.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	73	+6	16.9	+2.5
Ezbekiya	44	-10	16.8	+1.6
Giza	46	-4	16.8	—
Helwan	20	-22	14.2	+1.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150

Remarks

Sennar Res & Makwar river gauge readings for 21.3.31 are 18.53 & 4.50 m. respectively.

ملاحظة - قراءتا النهر بمقياس خزان سنار ومكوار يوم ٢١-٣-٣١ هما ١٨٫٥٣ و ٤٫٥٠ مترا على الترتيب.

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
8.4	696	673
7.4	695	673

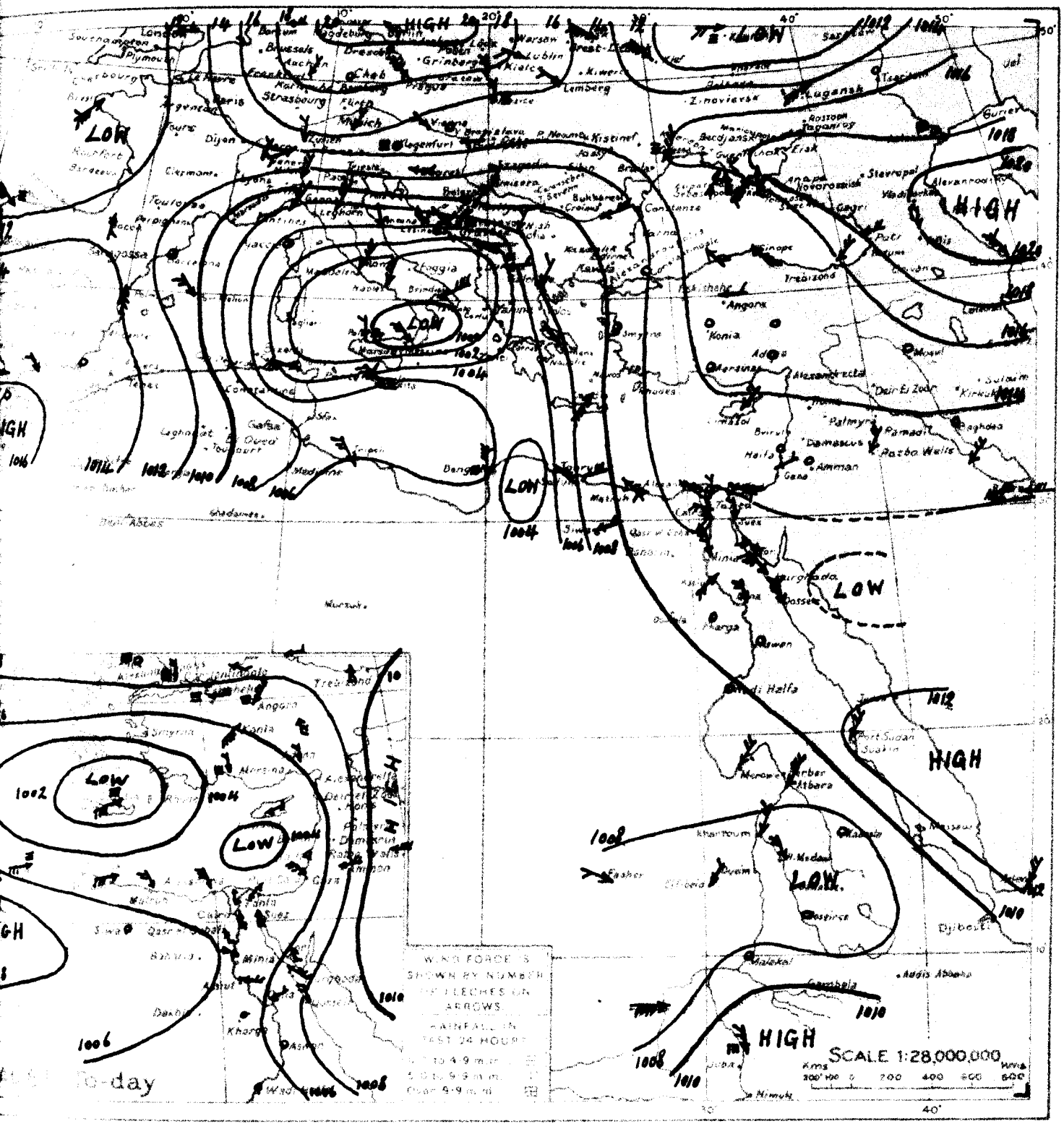
GAUGE	Date 1931	Reading m	Diff from normal m	Reading m	Diff from normal m
Juba	8.4	13.38	+0.09	13.42	+0.13
Nasser	7.4	4.78	-0.52	4.68	-0.59
Malakal	7.4	9.70	-0.36	9.71	-0.35
Roseires	9.4	11.18	-0.15	11.18	-0.14
Sennar Res.	8.4	16.55	—	16.67	—
Makwar	8.4	4.38	-0.72	4.38	-0.73
Khartoum	8.4	9.88	-0.19	9.90	-0.17
Kh. el Girba					
Atbara	9.4	9.72	-0.22	9.70	-0.25
Wadi Halfa	8.4	0.89	-0.42	0.89	-0.43
Aswan Res.	8.4	110.44	—	110.53	—
" D.S.	8.4	85.20	-0.13	85.19	-0.14
El Leithi	9.4	16.95	+0.01	16.95	+0.01
Roda (Cairo)	9.4	15.66	+0.18	15.62	+0.14

PRINTED AT THE SURVEY OF EGYPT (1928/29/630/1) 1930 (30/596)

PHYSICAL DEPARTMENT.

REPORT.

٨-٤-٣١. Barometer and Wind at 8 h. Yesterday 8.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨-٤-٣١. From Observations taken at 8 h. yesterday. 8.4.31.

Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1001.9	-6.7	-10.9	NE	3	0	15	+4	—	18	—	10	—	60	—	—	—	552	—
MALTA	1008.0	+3.0	-5.8	NW	5	5	14	-2	—	18	-1	14	+2	90	—	trace	363	400	3
ATHENS	1007.6	-7.1	-6.3	NW	1	5	13	+4	—	—	—	—	—	90	—	—	—	309	—
CANDIA	1008.7	-7.1	-6.0	SW	4	4	19	+2	—	21	+1	14	+2	—	—	0	456	422	3
LIMASSOL	1013.9	+2.7	+0.8	ENE	2	3	17	-1		22	0	8	-2	—	—	0	371	426	4
Kassala	1006.2	-0.1	-1.5	—	0	0	35.5	+1.0	+4.8	41	+1	23	+1	16	-22	0	0	11	—
El Obeid	1006.7	-2.7	-3.4	NE	1	0	33.3	+5.5	+5.7	40	+2	17	-2	10	-16	0	17	21	—
Malakal	1008.3	-2.3	-0.9	—	0	1	32.0	+1.0	+3.6	41	+2	25	+2	40	-2	0	104	106	—
Wau	1006.6	-3.6	-1.9	W	4	0	31.2	—	+4.7	39	+2	27	+5	47	-17	0	114	192	—
Juba	1012.6	+1.4	—	NNW	2	3	23.5	-3.0	—	39	—	—	—	87	—	5	157	207	—

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 05 h 33 m

" sunset 18 h 19 m

From Observations taken at 8h. to-day.

Friday 10th April, 1931 (١٩٣١) ابريل ١٠ الجمعة

	STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Maximum yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Yesterday	Rainfall Total	Rainfall Total	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	~~1008.4~~	+2.9	-3.5	NW	2	3	18.7	-2.7	-3.4	25		11		85	+18	0	51	94	4
	MATRUH	1009.5	+4.2	-5.5	NNW	2	4	17.0	-0.2	0.0	31	+9	12	0	63	-7	0	174	156	2
	ALEXANDRIA	1009.0	+4.0	-5.6	SSW	1	1	17.8	-2.2	-0.1	25	+2	14	0	79	+10	0	92	187	2
	PORT SAID	1008.3	+3.6	-5.0	SE	1	2	19.0	-5.0	+0.2	30	+7	15	0	83	+16	0	56	75	0
	GAZA	—	—	—	—	0	0	20.4	-7.3	+1.7	34	+10	19	+8	80	+14	0	231	367	
	HAIFA	1005.5	-0.4	-7.1	—	0	0	20.1	-4.3	+0.5	30	+6	15	+3	76	+16	0	426	632	1
CANAL & FRONTIER	FAUIDA	1008.7	+4.4		W	1	0	17.5	-5.8		28		11		87		0	32		
	EZBEZEKIYA	1008.0	+3.0	-6.0	NW	1	0	18.8	-8.3	+1.2	32	+5	15	+2	62	-4	0	16	30	
	GIZA	1008.3	+3.2	-6.3	NW	1	0	17.8	-10.1	—	31	+3	11	+1	75	—	0	21	26	
	HELWAN	1008.0	+3.2	-6.3	NW	1	0	17.8	-8.9	-0.1	33	+5	14	0	67	+14	0	19	31	
	SIWA	1010.0	+2.9	-5.2	—	0	0	16.2	-3.8	-0.9	—	—	14	+3	77	+18	0	35	7	
RED SEA	SUEZ	1009.5	+5.1	-5.3	N	2	1	19.5	-3.0	+1.5	30	+3	17	+2	68	-4	0	27	25	2
	TOR	1006.0	-1.2	-7.3	NW	1	0	22.0	-2.6	+0.9	34	+7	18	+3	82	+17	0	11	14	1
	HURGHADA	1005.5	-0.5		NNW	5	0	23.5	+0.3		32		15		43		0	0		3
	COSSEIR	1006.6	-2.2		N	5	0	24.8	-0.4		28		19		71		0	15		5
UPPER EGYPT	[illegible]	1008.8	+3.0	-5.9	NW	2	0	21.7	-2.8	+3.2	35	+6	14	+2	43	-14	0	17		
	[illegible]	1008.6	+2.0		NNW	2	1	19.5	-7.0	+1.2	37	+7	15	+2	59	-5				
	[illegible]	1007.9	+2.3	-6.1	WNW	3	0	21.1	-2.7	+1.6	35	+4	16	+2	62	+6	0	7		
	[illegible]	1005.1	-1.9		W	3	1	23.9	-0.5	+0.9	38	+3	19	+4	39	-1				
	[illegible]	1004.6	-0.9		N	2	0	24.6	-0.3		39		23		32		0	1		
	ASWAN	1003.5	-3.1	-9.4	—	0	2	26.2	+0.9	+0.3	39	+4	20	+3	38	+9				
	[illegible]	1002.7	-3.2	-9.7	NE	2	0	31.6	+5.0	+9.2	44	+8	18	+2	13	-13				
	[illegible]	1003.1	-1.5	-7.8	NE	2	0	31.0	0.0	+3.8	44	+5	23	+3	13	-6	0	0	1	
	[illegible]	—	—	—	N	2	0	31.0	-0.3	+2.4	43	+4	23	+3	19	+4	0	0	2	
	[illegible]	1003.7	-1.4	-4.5	—	0	1	29.6	-0.1	+2.1	44	+6	22	+2	26	+10	0	3	5	
	[illegible]	1005.8	-1.6	-5.5	—	0	3	29.5	+0.8	+2.1	31	0	26	+5	77	+17	[illegible]	29	107	1
	[illegible]	1002.4	-3.1	-5.2	—	0	0	33.0	-3.5	+2.0	44	+4	23	+1	21	-17	0	0	12	
	[illegible]	—	—	—	S	3	0	33.5	+3.0	+4.4	44	+3	21	0	15	-2	0	8	14	
	[illegible]	1003.8	-0.2	-3.7	SSW	1	0	34.5	+3.0	+4.3	43	+3	24	+3	44	+15	0	33	46	
	[illegible]	1002.6	-2.1		WNW	1	0	28.0	+1.0	+3.4	43	+5	18	0	12	-8	0	1	8	
	[illegible]	1003.6	-3.4	-6.3	NW	3	4	32.3	+3.8	+4.6	43	+5	21	+2	31	+4	0	17	21	
	[illegible]	1007.9	0.0	-1.3	SSW	4	1	32.0	0.0	+3.0	40	+1	28	+5	49	+6	0	104	107	
	[illegible]	1007.1	+0.5	-1.4	SW	7	0	30.1	0.0	+3.7	38	+1	27	+5	55	-10	0	114	196	
	[illegible]	1009.5	+1.1		SE	4	2	27.0	-0.5		40		—		60		1	139	214	

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day Yesterday %	Humidity Mean of Day Diff from normal %	Air Temperature Mean of Day Yesterday °C	Air Temperature Mean of Day Diff from normal °C
Alexandria	77	+10	16.8	+2.4
Ezbekiya	34	-20	17.9	+2.6
Giza	32	-18	17.7	—
Helwan	22	-20	16.1	+3.1

NOTE A dash means that figures are not available

Terms of Subscription By Land Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
9.4	697	673
8.4	696	673

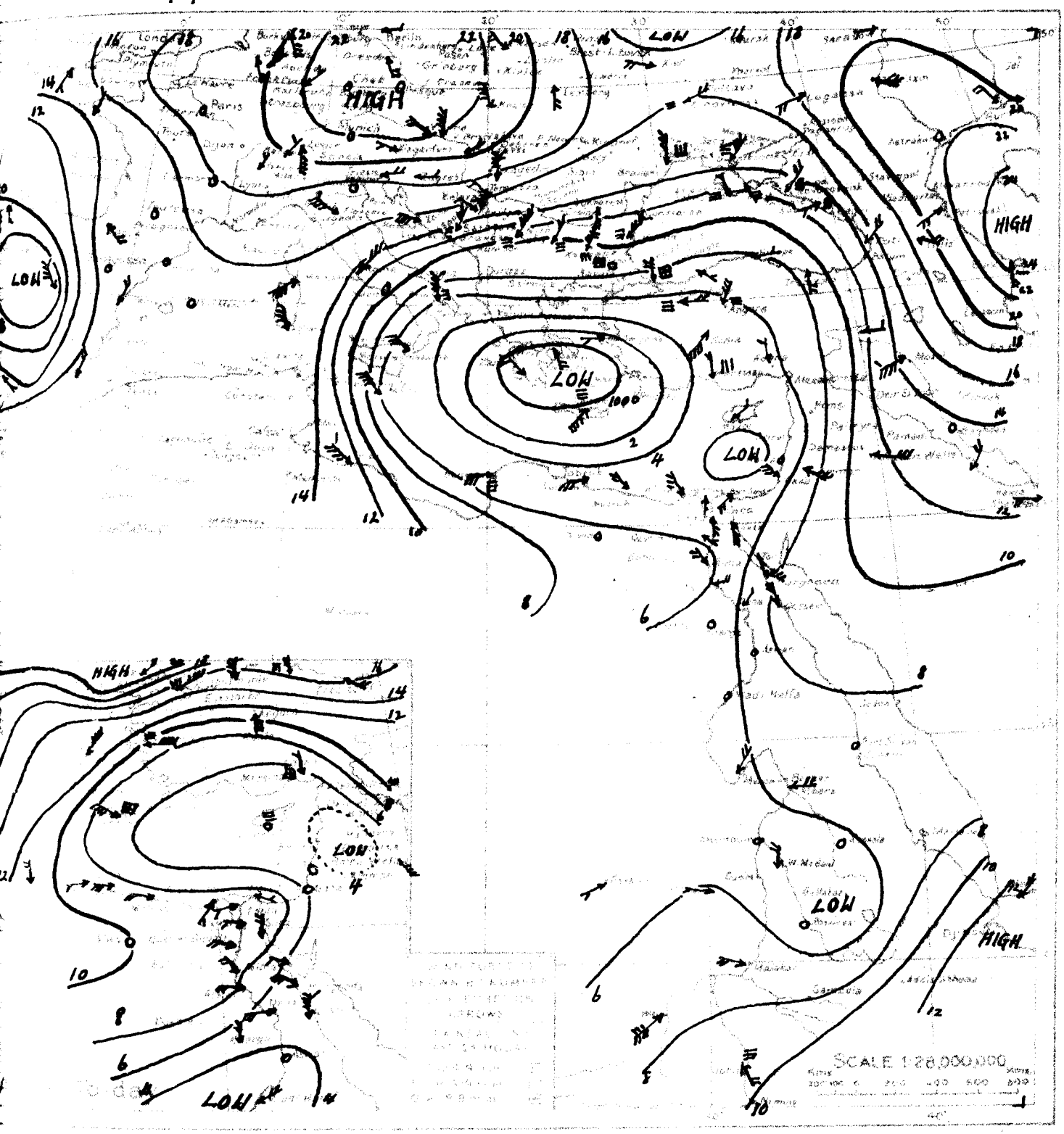
GAUGE	Date	Reading	Diff from normal	Reading	
	1931	m	m	m	m
Juba	8.4	13.38	+0.09	13.42	+0.13
Nasser	8.4	4.80	-0.53	4.78	-0.52
Malakal	9.4	9.69	-0.36	9.70	-0.35
Roseires	9.4	11.18	-0.15	11.18	-0.14
Sennar Res.	9.4	16.47	—	16.55	—
Makwar	9.4	4.37	-0.73	4.38	-0.72
Khartoum	8.4	9.88	-0.19	9.90	-0.11
Kh. el Girba					
Atbara	9.4	9.72	-0.22	9.70	-0.25
Wadi Halfa	8.4	0.39	-0.42	0.89	-0.43
Aswan Res.	9.4	110.37	—	110.44	—
" D.S.	9.4	85.20	-0.13	85.20	-0.13
El Lellini	9.4	16.95	+0.01	16.95	+0.01
Roda (Cairo)	9.4	15.66	+0.18	15.62	+0.14

PRINTED AT THE SURVEY OF EGYPT (326(3h/6)/4) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

21/2/9 Barometer and Wind at 8 h. Yesterday 9.4.31



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Rain	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

21/2/9 From Observations taken at 8 h. yesterday 9.4.31.

	Barometer: Reduced to Sea Level	Barometer: Change in 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1012.3	+10.4	-0.5	NE	3	0	11	-4	—	20	—	8	—	50	—	—	—	554	—
MALTA	1005.6	-2.4	-8.0	NW	5	2	15	+1	—	17	-2	13	+1	80	—	0	363	400	3
ATHENS	999.1	-8.5	-14.7	S	2	4	16	+3	—	—	—	—	—	70	—	—	—	310	—
CANDIA	1000.4	-8.3	-14.3	SW	4	2	18	-1	—	21	+1	15	+3	—	—	2	458	423	5
LIMASSOL	1004.0	-9.9	-9.1	ENE	1	4	22	+5	—	22	0	16	+6	—	—	0	371	426	5
Merowe مروي	1004.6	-3.6	-6.4	NE	2	0	31.0	0.0	+4.0	43	+4	21	+1	13	-6	0	0	1	—
Atbara عطبرة	1007.4	-1.3	-1.9	E	2	0	31.3	+0.3	+2.9	42	+3	23	+3	26	+11	0	0	2	—
Kassala كسلا	1005.5	-0.7	-2.1	—	0	0	36.5	+1.0	+5.6	42	+2	23	+1	19	-19	0	0	12	—
Wad Medani وادي	1005.5	-2.0	-2.4	N	2	0	30.5	-0.5	+1.5	43	+2	24	+3	24	+7	0	8	14	—
El Obeid الابيض	1007.0	+0.3	-3.0	WNW	1	0	28.5	-4.8	+0.8	42	+4	22	+3	17	-9	0	17	21	—
Malakal معركال	1007.9	-0.4	-1.3	WNW	2	0	32.0	0.0	+3.0	43	+4	26	+3	47	+4	0	104	107	—
Wau واو	1006.6	0.0	-1.9	SW	7	0	30.1	-1.1	+3.6	42	+5	28	+6	55	-9	0	114	194	—
Juba جوبا	1008.4	-4.2	—	SSE	2	0	27.5	+4.0	—	35	—	—	—	63	—	1	138	211	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 5h 52m

" sunset 18h 20m

From Observations taken at 8h. to-day.

Saturday 11th April, 1931 ١٩٣١ السبت ١١ أبريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Rain 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Total same date last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.8	+3.4	-5.1	NW	2	0	15.1	+1.4	-2.1	22	—	12	—	71	+4	0	51	95	4
	MATRUH	1009.6	+0.1	-5.4	NW	5	3	16.0	-1.0	-1.2	17	-5	13	0	64	-6	0	174	156	5
	ALEXANDRIA	1008.8	-0.2	-5.8	NW	2	4	17.3	-0.5	-0.7	23	-1	15	+1	69	0	0	92	187	3
	PORT SAID	1007.6	-0.7	-5.7	W	3	3	18.4	-0.6	-0.5	24	+1	15	0	74	+7	0	56	75	2
	GAZA	—	—	—	NW	1	2	18.6	-1.8	-0.2	27	+3	14	+3	78	+13	0	231	368	
	HAIFA	1004.2	-1.3	-8.3	SSW	2	1	20.9	+0.8	+1.2	26	+2	15	+3	63	+3	0	726	632	2
LOWER EGYPT	TANTA	1009.1	+0.4	—	SW	1	3	17.0	-0.5	—	28	—	12	—	80	—	0	32		
	EZBEKIYA	1009.3	+1.3	-4.7	W	1	3	17.2	-1.6	-1.5	29	+1	15	+2	74	+8	0	16	80	
	GIZA	1009.3	+1.0	-5.2	W	2	3	18.1	+0.3	—	30	+2	12	+2	70	—	0	21	26	
	HELWAN	1007.0	+1.0	-5.3	WNW	2	3	16.7	-1.1	-1.4	30	+2	14	0	74	+22	0	19	31	
	SIWA	1013.1	+3.1	-2.0	—	0	0	14.0	-2.2	-3.3	—	—	12	+1	80	+21	0	35	7	
RED SEA	SUEZ	1007.4	-2.1	-7.4	N	2	0	18.0	-1.5	-0.1	32	+4	15	0	75	+3	0	27	25	1
	TOR	1007.0	+1.0	-6.2	NW	5	0	22.3	+0.3	+1.1	28	+1	19	+4	72	+7	0	11	14	5
	HURGHADA	1006.0	+0.5	—	NNW	5	0	23.4	-0.1	—	29	—	—	—	43	—	0	0		3
	QOSSEIR	1007.1	+0.5	—	W	3	0	26.2	+1.4	—	27	—	21	—	28	—	0	15		3
UPPER EGYPT	GESAH	1010.4	+1.6	-4.2	NW	3	0	17.4	-4.3	-1.3	29	0	13	+1	67	+11	0	17		
	MINYA	1009.0	+0.4	—	N	2	0	17.5	-2.0	-1.0	30	0	13	0	66	+2				
	ASYUT	1010.4	+2.5	-3.5	W	2	0	19.0	-2.1	-0.7	30	-1	14	0	64	+18	0	7		
	SOHAG	1009.1	+4.0	—	WSW	3	0	21.5	-2.4	-1.7	38	+3	17	+1	37	-3				
	KHARGA	1010.4	+5.8	—	—	0	0	22.5	-2.1	—	32	—	20	—	42		0	1		
	ASWAN	1009.9	+6.4	-3.0	N	1	4	22.5	-3.7	-1.6	43	+8	22	+4	27	-2				
NUBIA	WADI HALFA	1010.0	+7.3	-2.3	N	1	0	23.2	-8.4	+0.6	41	+5	20	+4	26	0				
	KOROSKO	1006.6	+3.5	-4.3	NNE	5	0	28.5	-2.5	+1.1	45	+6	23	+3	16	-2	0	0	1	
	ABU HAMED	1006.6	+0.2	-2.5	N	4	0	31.0	0.0	+2.2	45	+6	26	+6	25	+10	0	0	2	
	SHENDI	1005.6	+1.7	-2.7	—	0	0	29.9	+0.4	+2.3	44	+5	26	+5	13	-3	0	3	5	
SUDAN	SOBA	1003.1	-2.7	-8.1	—	0	3	30.5	+1.0	+2.9	33	+2	26	+5	76	+17	0	29	107	1
	KASSALA																			
	MALAKAL																			
	KHARTOUM	1002.2	-1.6	-5.4	NE	2	3	33.0	-1.5	+2.7	43	+3	27	+5	50	+20	3	36	46	
	ATBARA	1005.5	+2.9		WNW	1	0	27.0	-1.0	+2.3	44	+6	17	-1	18	-2	0	1	8	
	FASHODA																			
	WAU	1007.1	-0.8	-2.1	S	2	1	32.0	0.0	+3.0	40	+1	26	+3	42	-2	0	104	108	
	KODOK																			
	JUBA																			

Sunset Sea Level 9 30

Height	Speed	Direction
500	10	W
1000	10	WNW
1500		
2000		
3000		

General Situation

The depression is situated north of Cyprus and has deepened, but the pressure over Egypt is now rising.

الحالة العامة

يتبع الانخفاض فى شمال قبرص وقد ازداد عمقا ولكن الضغط على مصر آخذ فى الصعود الآن.

Forecast for 24 hours from noon to-day.

Moderate to fresh west and northwest winds. Much low cloud. Possibility of light showers in the north. Remaining cool.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم

رياح بين المعتدلة والنشيطة ما بين الغربية والشمالية الغربية. كثير السحاب المنخفض. ويحتمل ان تمطر خفيفاً فى شمال الدلتا ويستمر الطقس مائلا للبرودة.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Dew Point Temperature Mean of Day: Yesterday	Dew Point Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	77	+10	14.8	+0.3
Ezbekiya	58	+4	16.4	+1.0
Giza	64	+14	16.1	
Helwan	57	+15	15.3	+2.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
10.4	699	673
9.4	697	673

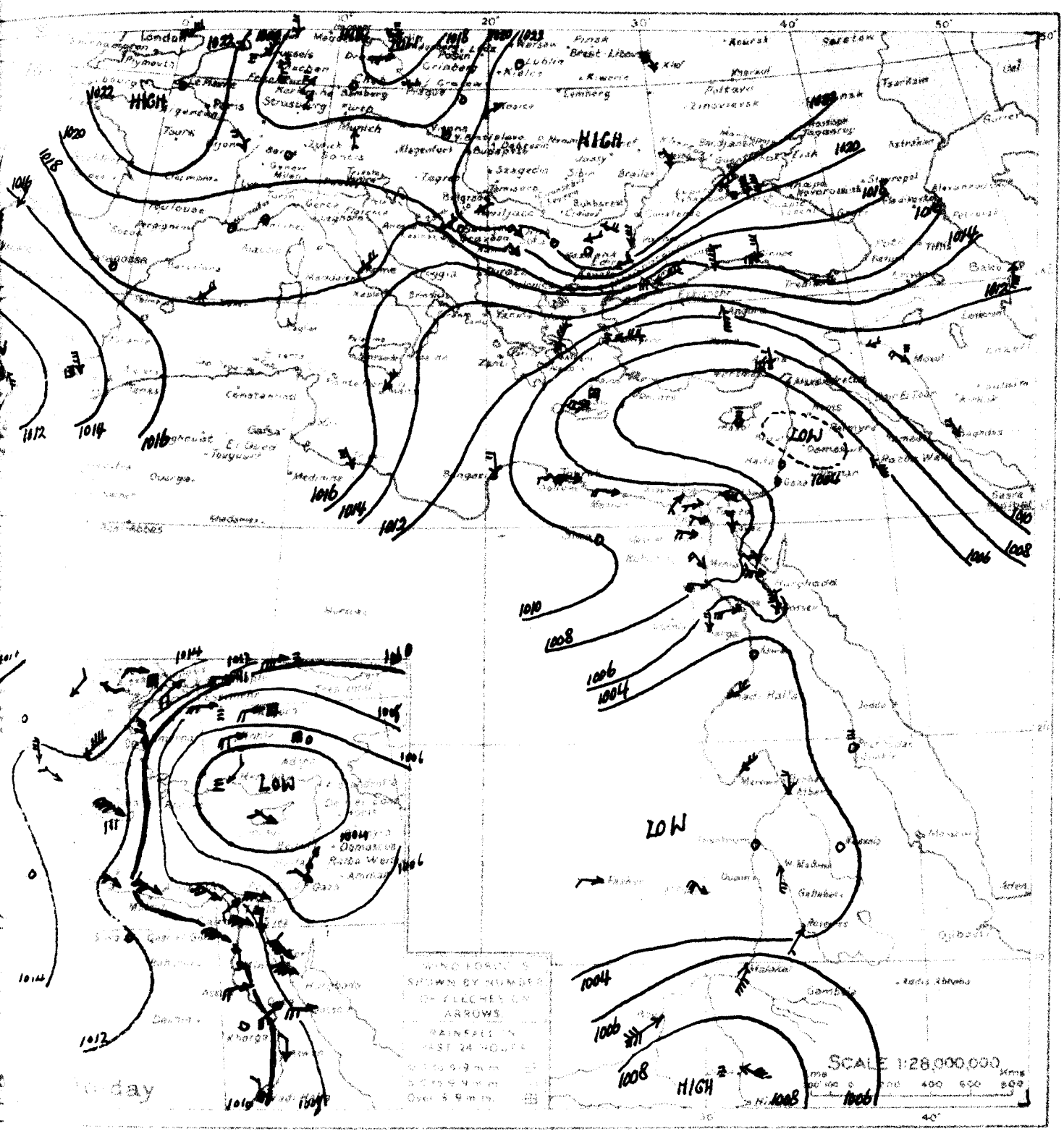
GAUGE	Date	Reading	Diff from normal	Previous Date	Reading	Diff from normal
	1931	m.	m.	1930	m.	m.
Juba	10.4	13.36	+0.07	13.38	+0.09	
Nasser	9.4	4.90	-0.45	4.80	-0.53	
Malakal	10.4	9.68	-0.37	9.69	-0.36	
Roseires	11.4	11.16	-0.19	11.18	-0.16	
Sennar Res.	10.4	16.36	—	16.47	—	
Makwar	10.4	4.57	-0.53	4.37	-0.73	
Khartoum	10.4	9.86	-0.20	9.87	-0.19	
Kh. el Girbi						
Atbara	11.4	9.73	-0.20	9.73	-0.21	
Wadi Halfa	10.4	0.90	-0.41	0.89	-0.42	
Aswan Res.	10.4	110.29	—	110.37	—	
" D.S.	10.4	85.20	-0.13	85.20	-0.13	
El Leithi	11.4	16.94	+0.01	16.95	+0.01	
Roda (Cairo)	11.4	15.73	+0.26	15.70	+0.23	

PRINTED AT THE SURVEY OF EGYPT 1930(29/5991) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٤-١٠ Barometer and Wind at 8 h Yesterday 10.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٤-١٠ From Observations taken at 8 h yesterday 10.4.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1018.6	+6.3	+5.8	NE	2	0	9	-2	—	17	—	5	—	30	—	—	—	556	—
MALTA	1014.7	+9.1	+1.1	NNE	2	0	14	-1	—	17	-2	13	+1	70	—	0	363	401	2
ATHENS	1013.4	+14.3	-0.4	NNE	5	5	10	-6	—	—	—	—	—	70	—	—	—	311	—
CANDIA	1006.6	+6.2	-8.0	NW	4	4	13	-5	—	22	+2	12	0	—	—	21	479	423	7
LIMASSOL	1005.3	+1.3	-7.8	—	0	1	18	-4	—	26	+4	12	+2	—	—	tr.	371	427	2

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 31

" " sunset 18 20

From Observations taken at 8h. to-day.

Sunday 12th April, 1931 ١٩٣١ الأحد ١٢ ابريل

STATION	Barometer Reduced to Sea Level	Change in last 24 hours	Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff from normal	Highest	Diff from normal	Lowest	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall Yesterday	Since 1st Oct.	Since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1015·1	+3·3	-1·8	WNW	2	0	12·8	-2·3	-4·5	22		10		78	+12	0	51	95	3
MATRUH	1014·6	+5·0	-0·3	NW	4	5	16·2	+0·2	-1·1	18	-4	14	+1	69	-1	trace	174	156	5
ALEXANDRIA	1013·6	+4·8	-1·0	WNW	2	2	16·7	-0·6	-1·4	20	-4	13	-1	62	-7	1	93	187	4
PORT SAID	1013·1	+5·5	-0·1	W	3	4	17·5	-0·9	-1·5	24	+1	14	-1	70	+3	1	57	75	4
GAZA																			
CAIRO	1009·0	+4·8	-3·5	—	0	3	19·8	-1·1	0·0	22	-2	14	+2	54	-6	3	729	633	4
TANTA	1013·5	+4·4		W	1	1	17·5	+0·5		23		12		64		drops	32		
ZAGAZIG	1014·3	+5·0	+0·4	WSW	2	4	15·4	-1·8	-2·6	24	-4	14	+1	72	+6	drops	16	30	
BENHA	1014·4	+5·1	0·0	WNW	2	4	15·9	-2·2	—	25	-3	10	-1	70	—	drops	21	26	
MOKATTAM	1014·7	+5·7	+0·5	W	1	4	15·3	-1·4	-2·9	24	-4	13	-1	67	+15	0	19	31	
SIWA	1015·6	+2·5	+0·5	—	0	0	17·0	+3·0	-0·4	—	—	10	-1	70	+11	0	35	7	
[illegible]	1013·0	+5·6	-1·8	SE	2	4	17·5	-0·5	-0·7	25	-3	15	0	70	-2	1	28	25	1
[illegible]	1013·0	+6·0	-0·2	N	2	0	20·2	-2·1	-1·2	27	-1	18	+3	62	-3	0	11	14	2
[illegible]																			
[illegible]	1011·8	+4·7		N	7	0	21·9	-4·3		26		18		61		0	15		6
[illegible]	1015·6	+5·2	+1·0	NW	2	0	15·4	-2·0	-3·5	25	-4	10	-2	60	+4	0	17		
[illegible]	1016·6	+7·6		NNW	3	0	15·2	-2·3	-3·4	26	-4	11	-2	68	+4				
[illegible]	1016·6	+6·2	+2·8	W	3	0	17·2	-1·8	-2·7	26	-5	13	-1	59	+14	0	7		
[illegible]	1014·6	+5·5		NW	4	0	20·1	-1·4	-3·3	31	-4	18	+2	39	-1				
[illegible]	1015·8	+5·4		NE	1	0	20·9	-1·6		28		17		44		0	1		
[illegible]	1014·7	+4·8	+1·9	N	1	0	19·5	-3·0	-4·8	30	-5	15	-3	35	+6				
[illegible]	1014·7	+4·7	+2·5	N	2	0	19·6	-3·6	-3·2	30	-6	15	-2	30	+4				
[illegible]	1010·4	+4·8	+2·1	NNE	3	6	26·0	-3·9	-1·8	41	+2	23	+2	13	-3	0	3	5	
[illegible]	1011·2	+8·1	0·0	N	5	0	27·1	-3·4	-0·6	32	+1	23	+2	59	0	0	29	107	5
[illegible]	1007·9	+5·7	+0·3	NNW	1	2	27·5	-5·5	-2·8	42	+2	25	+3	60	+30	0	36	47	
[illegible]	1011·5	+6·4	+1·7	NE	1	4	26·3	-8·0	-1·7	41	+3	21	+2	23	-4	0	17	21	
[illegible]	1011·6	+4·5	+2·4	NE	3	3	25·2	-6·8	-3·8	40	+1	21	-2	71	+26	3	107	109	

Synopsis

8 30 The depression is moving over northern Iraq and pressure over Egypt continues to rise, but there is still a sharp gradient of pressure from Egypt across the eastern Mediterranean.

يتحرك الانخفاض فوق شمال العراق ويستمر الضغط آخذا في الارتفاع فوق مصر ولكنه لا يزال انحداره كبيرا من مصر عبر شرقي البحر الابيض

[illegible]	5	W
[illegible]	20	WNW
[illegible]	25	WNW

Forecast for 24 hours from noon to-day.

Moderate westerly and northwesterly winds. Much low cloud. Light showers in the north. Remaining cool, but weather becoming more settled tomorrow.

رياح معتدلة غربية وشمالية غربية
يكثر السحاب المنخفض - يساقط رذاذ خفيف في الشمال
تستمر الطقس مائلا للبرودة ولكنه يتحسن باكر

STATION	Humidity Mean of day	Diff from normal	Wind Velocity Yesterday	Diff from normal
	%	%		
Alexandria	67	0	13·9	-0·7
Ezbekiya	67	+14	15·3	-0·2
Giza	64	+15	14·8	—
Helwan	65	+23	14·1	+1·0

NOTE. A dash means that figures are not available.

Terms of Subscription By inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Assuan measured by gauges in m³ per sec.		
DATE	1931	1930
11-4	663	672
10-4	699	673

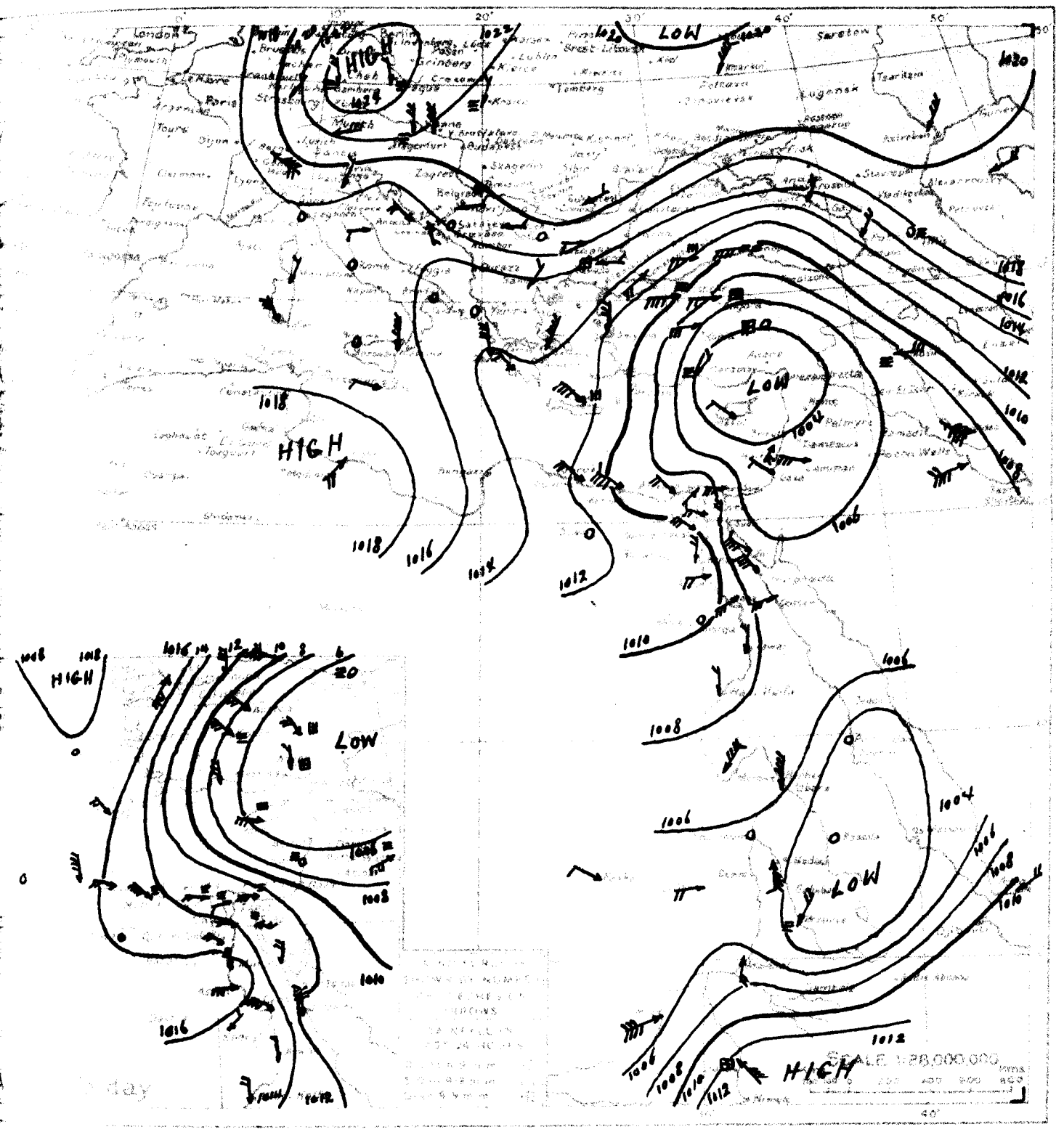
Station	Date	Level	Diff from normal	Rise	Fall
		m	m	m	m
Dongola	11-4	13·40	+0·12	13·36	+0·07
Shendi	11-4	4·95	-0·49	4·96	-0·44
Khartoum	11-4	9·68	-0·37	9·68	-0·37
Roseires	11-4	11·16	-0·19	11·18	-0·16
Sennar Res.	11-4	16·30	—	16·36	—
Makwar	11-4	4·57	-0·54	4·57	-0·53
Khartoum	11-4	9·85	-0·20	9·86	-0·20
Kh. el Girba					
Atbara	11-4	9·73	-0·20	9·73	-0·21
Wadi Halfa	12-4	0·90	-0·40	0·91	-0·39
Aswan Res.	11-4	110·11	—	110·29	—
" D.S.	11-4	85·16	-0·17	85·20	-0·13
El Leithi	12-4	16·92	-0·01	16·94	+0·01
Roda (Cairo)	11-4	15·73	+0·26	15·70	+0·23

PRINTED AT THE MINISTRY OF EGYPT (930(29/560)/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٤ -١١ Barometer and Wind at 8 h Yesterday 11 - 4 - 1931



WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	20-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
Clouded	1
Clouded	2
Clouded	3
Very clouded	4
Fog	5
Showers	6
Light rain	7
Moderate	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

١٩٣١ -٤-١١ From Observations taken at 8 h yesterday 11 - 4 - 1931

	Barometer Reduced to 0°	Pressure Diff. from normal	Wind Direction	Wind Force	Sky Amount	Sky Kind	Temperature Air	Diff. from normal	Sea Surface	Diff. from normal	Dew Point	Diff. from normal	Humidity Relative	Diff. from normal	Rainfall Amount	Rainfall Duration	Rainfall Yesterday	Sea
	mm	mm					°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
[illegible]	1017.1	-1.5	+4.3	—	0	0	11	+2	—	19	—	5	—	60	—	—	—	559	—
[illegible]	1016.6	+1.9	+3.1	WNW	1	1	14	0	—	17	-2	13	+1	70	—	0	363	402	1
[illegible]	1014.4	+1.0	+0.6	NE	4	3	10	0	—	—	—	—	—	60	—	—	—	311	—
[illegible]	1013.4	+6.8	-1.2	NW	4	4	12	-1	—	14	-6	10	-2	—	—	8	487	424	6
[illegible]	1003.2	-2.1	-9.8	WNW	1	1	17	-1	—	22	0	9	-1	—	—	0	371	428	1
Kassala كسلا	1003.6	+1.2	-3.9	—	0	0	32.5	-0.5	+1.4	43	+3	24	+2	15	-22	0	0	12	—
Medani مدني	1004.7	-0.3	-3.2	S	5	0	34.5	+1.0	+5.3	44	+3	21	0	29	+12	0	8	14	—
El Obeid الأبيض	1005.1	+1.5	-4.8	W	2	2	34.3	+2.0	+6.4	42	+4	26	+7	15	-12	0	17	21	—
Wau واو	1005.8	-1.3	-2.8	WSW	7	0	31.1	+1.0	+4.7	39	+2	28	+6	50	-15	0	114	198	—
Juba جوبا	1012.3	+2.8	—	SE	4	3	21.5	-5.5	—	40	—	—	—	96	—	39	178	218	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 30 m

" " sunset 18 h 21 m

From Observations taken at 8h. to-day.

Monday 13th April, 1931 — ١٩٣١ — الاثنين ١٣ أبريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Last 24 hours	Rainfall: Since 1st Oct.	Rainfall: Average to date	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.4			NW		1	17.7			23		10		66					
	MATRUH	1016.0	+0.7	-0.5	[illegible]	2	0	14.4	+0.6	-4.0	21	—	10		69	+3	0	51	95	3
	ALEXANDRIA	1018.9	+3.4	+0.1	N	2	0	14.2	-2.0	-3.2	18	-4	10	-3	76	+6	0	174	256	2
	PORT SAID	1017.9	+4.3	+0.4	NW	4	3	16.5	-0.2	-1.7	20	-4	14	-1	58	-11	0	73	167	5
	GAZA	1016.4	+3.3	+3.2	N	3	3	15.9	-1.6	-3.2	22	-1	13	-2	64	-3	0	57	75	4
	HAIFA	—	—	—	S	1	2	16.1	-0.8	-3.0	19	-5	13	+2	66	[illegible]	2	238	368	
		1013.4	+4.4	+1.0	—	0	0	18.7	-1.1	-1.1	24	0	14	+2	65	+5	0	127	633	2
LOWER EGYPT	TANTA	1017.6	+4.1		W	1	0	16.0	-1.5		23		9		66		0	32		
	ZAGAZIG	1017.2	+2.9	+3.4	—	0	0	14.4	-1.0	-3.7	24	-4	10	-3	67	+2	0	16	30	
	GIZA	1018.0	+3.6	+3.6	—	0	0	16.9	0.0	—	24	-4	7	-4	64	—	0	21	27	
	HELWAN	1018.0	+3.3	+3.7	—	0	0	14.7	-0.6	-3.7	23	-5	10	-4	63	+11	0	17	32	
	BENI SUEF	1016.5	+2.7	+3.3	—	0	0	16.0	-1.0	-1.6	—	—	9	-3	70	+12	0	35	7	
RED SEA	SUEZ	1016.7	+3.7	+2.0	NE	1	1	16.7	-0.8	-1.7	25	-3	12	-3	59	-13	Dr.	28	25	0
	TOR	1014.8	+1.8	+1.7	NW	3	0	20.0	-0.2	-1.5	26	-2	18	+3	57	-8	0	11	14	3
	HURGHADA	1014.8	+2.5		NNW	6	0	20.0	-0.8		25		15		64		0	0		4
	QUSEIR	1015.1	+3.5		NNW	7	0	21.8	-0.1		25		17		49		0	15		7
UPPER EGYPT	[illegible]	1018.7	+3.1	+4.2	NW	2	0	16.0	+0.6	-3.1	25	-4	10	-2	57	+2	0	17		
	[illegible]	1018.6	+2.0		NNW	2	0	15.0	-0.2	-3.8	25	-5	9	-4	68	+5				
	[illegible]	1016.2	+1.6	+4.5	NNW	2	0	17.0	-0.2	-3.1	24	-7	11	-3	54	+9	0	7		
	[illegible]	1015.9	+1.3		NW	2	0	20.3	+0.2	-3.3	29	-6	13	-3	39	-1				
	[illegible]	1017.8	+2.0		NNE	1	0	20.1	-0.6		26		18		43		0	1		
	[illegible]	1016.6	+1.9	+3.8	—	0	0	18.6	-0.9	-5.9	28	-7	15	-3	47	+20				
	[illegible]	1015.7	+1.2	+3.8	—	0	0	19.0	-0.6	-4.0	29	-7	15	-2	35	+10				
	[illegible]	1015.8	+3.0	+5.0	NE	3	0	23.0	-1.0	-4.8	34	-5	16	-4	18	0	0	0	1	
	[illegible]	1012.7	+1.1	+3.7	N	4	0	24.0	-3.0	-5.0	37	-2	20	0	17	+3	0	0	2	
	[illegible]	1012.4	+2.0	+4.1	NNE	4	1	24.0	-2.0	-4.0	35	-4	20	-1	15	-1	0	3	5	
	[illegible]	1012.7	+1.5	+1.6	NE	4	0	27.6	+0.5	-0.2	30	-1	21	0	44	-14	0	27	107	4
	[illegible]	1008.0	+1.6	+0.6	ENE	2	0	28.0	-1.0	-3.3	34	-6	18	-4	57	+20	0	0	12	
	[illegible]	1007.6	-0.1	+0.2	N	1	1	29.5	+2.0	-0.8	36	-4	20	-2	37	+7	0	36	47	
	[illegible]	—	—	—	N	2	2	23.0	-3.0	-1.9	37	-1	19	+1	12	-8	0	1	8	
	[illegible]	1011.2	-0.3	+1.4	NE	3	4	24.4	-1.9	-3.7	35	-3	16	-3	19	-8	0	17	21	
	[illegible]	1009.4	-2.2	+0.2	SSW	1	0	29.2	+4.0	+0.2	39	0	24	+1	58	+12	0	107	109	
	[illegible]	1007.0	-0.5	+0.4	SSW	3	0	27.1	+2.9	+0.7	31	-6	23	+1	76	+10	0	153	202	
	[illegible]	1010.4	-0.8		N	1	2	24.0	+0.5		27		—		83		0	182	226	

Temperature for 24 hours ending noon to-day.

STATION	Highest Yesterday	Diff. from normal	Lowest Yesterday	Diff. from normal
	°C	°C	°C	°C
Alexandria	59	-8	12.8	-1.9
Ezbekiya	60	+7	13.8	-1.8
Giza	60	+11	13.3	—
Helwan	53	+11	12.4	-0.8

NOTE. A dash means that figures are not available.

Terms of Subscription Inland Post PT.100 annually

" " Abroad PT.150

Remarks

Discharges at Aswan measured by cubic m. per sec.

DATE	1931	1930
12.4	663	674
11.4	663	672

Station	Date	Reading	Diff. from normal	Reading	Diff. from normal
		m	m	m	m
Atbara	13.4	13.40	+0.12	13.52	+0.24
Kassala	11.4	4.95	-0.49	4.96	-0.44
Makwar	11.4	9.68	-0.37	9.68	-0.37
Roseires	11.4	11.16	-0.19	11.18	-0.16
Sennar Res.	11.4	16.30	—	16.36	—
Makwar	11.4	4.57	-0.54	4.57	-0.53
Khartoum	11.4	9.85	-0.20	9.86	-0.20
Kh. el Gereif					
Albara	11.4	9.73	-0.20	9.73	-0.21
Wadi Halfa	12.4	0.90	-0.40	0.91	-0.39
Aswan Res.	12.4	110.11	—	110.11	—
" D.S.	12.4	85.12	-0.21	85.16	-0.17
El Leithi	12.4	16.92	-0.01	16.94	+0.01
Roda (Cairo)	11.4	15.73	+0.26	15.70	+0.23

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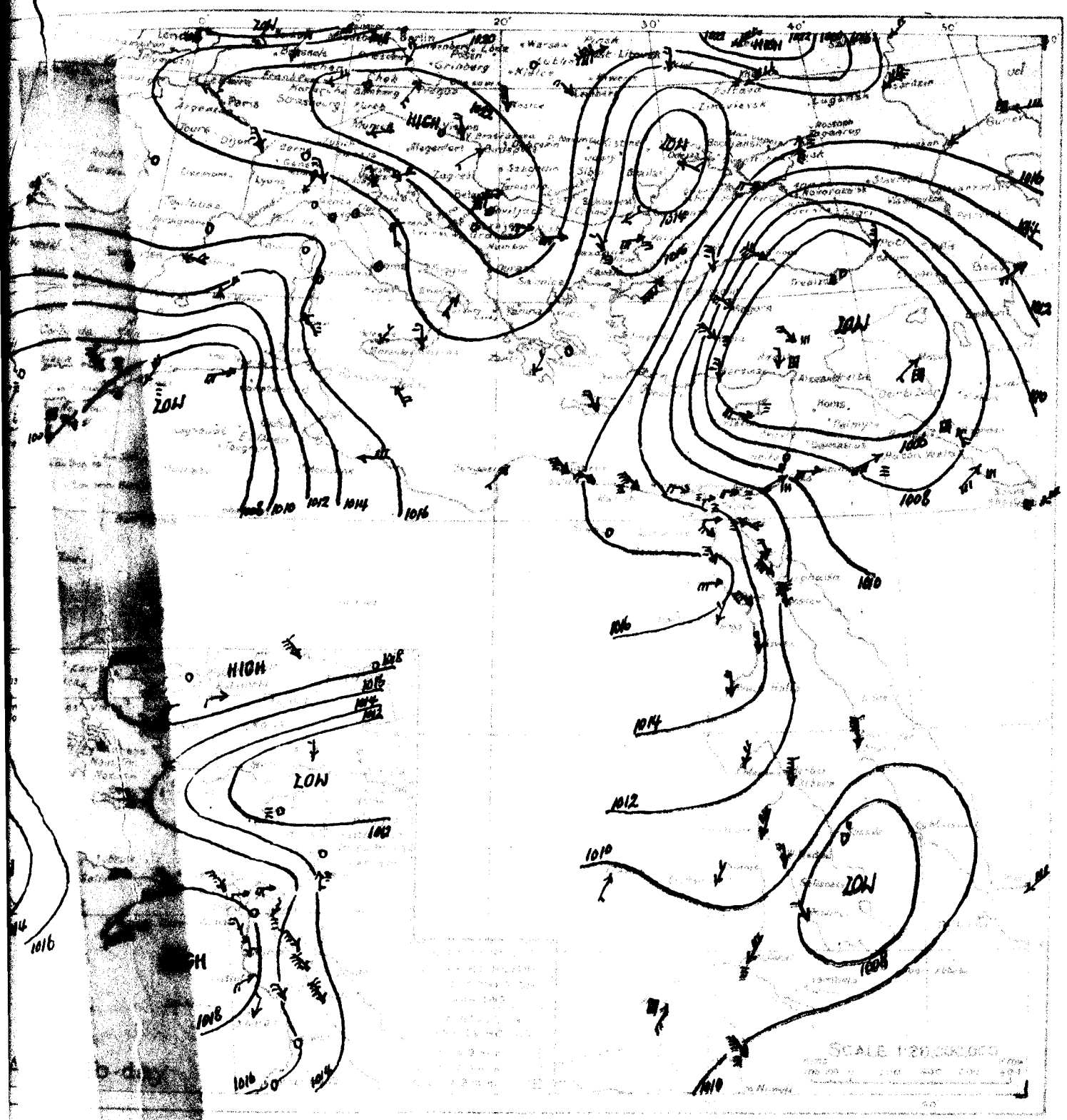
PHYSICAL DEPARTMENT.

REPORT.

١٢-٤-٣١ Barometer and Wind at 8 h Yesterday 12.4.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

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

١٢-٤-٣١ [illegible] Observations [illegible] yesterday 12.4.31.

[illegible]	1018.0	+0.9	+5.2	—	0	0	9	-2	—	19	—	7	—	80	—	—	—	561	—
[illegible]	1017.1	+0.5	+3.6	SSE	2	2	15	+1	—	19	0	11	-1	70	—	0	363	402	0
[illegible]	1017.2	+2.8	+3.4	—	0	3	10	0	—	—	—	—	—	60	—	—	—	312	—
CANDIA	1016.6	+3.2	+2.2	NW	2	1	14	+2	—	16	-4	11	-1	—	—	0	487	425	5
LIMASSOL	1004.8	+1.6	-8.2	WNW	3	3	16	-1	—	21	-1	13	+3	—	—	tr.	371	428	4
Gaza غزا	—	—	—	SW	2	2	16.9	-1.7	-2.0	21	-3	13	+2	75	+10	5	236	368	—
Hurghada الغردقة	1012.3	+6.3	—	NNW	5	0	20.8	-2.6	—	27	—	16	—	56	—	0	0	—	3
Merowe مروى	1012.8	+6.2	+2.0	NNE	2	0	24.0	-4.5	-3.6	37	-2	17	-3	15	-3	0	0	1	—
Albara عطبرة	1011.6	+5.0	+2.5	N	5	0	27.0	-4.0	-1.9	42	+3	23	+3	26	+11	0	0	2	—
Kassala كسلا	1006.4	+2.8	-1.1	—	0	0	29.0	-3.5	-2.2	43	+3	22	0	52	+15	0	0	12	—
Wad Medani [illegible]	1011.6	+6.9	+3.8	N	2	0	27.0	-7.5	-2.4	44	+3	23	+2	20	+3	0	8	14	—
El Fasher الفاشر	1009.9	+4.4	—	SSW	1	0	26.0	-1.0	+1.2	42	+4	17	-1	16	-4	0	1	8	—
Wau واو	1009.5	+3.7	+0.9	SSW	2	2	24.2	-6.9	-2.2	39	+2	23	+1	87	+22	39	153	200	—
Juba جوبا	1011.2	-1.1	—	NW	4	3	23.5	+2.0	—	29	—	—	—	79	—	4	182	222	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 29 m

" sunset 18 h 22 m

From Observations taken at 8 h. to-day.

Tuesday 14th April, 1931 — ١٩٣١ — الثلاثاء ١٤ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1016.0	0.0	-0.8	E	1	0	14.3	+0.9	-3.2	21	—	12	—	72	+6	0	51	95	2
	MATRUH	1018.2	+0.2	+3.4	SE	3	0	16.0	+1.8	-1.6	18	-4	10	-3	71	+1	0	174	156	2
	ALEXANDRIA	1020.2	+2.3	+5.8	ENE	2	0	16.5	0.0	-1.8	21	-3	11	-4	70	+1	0	93	187	2
	PORT SAID	1019.9	+3.5	+6.8	WNW	1	2	17.9	+2.0	-1.3	22	-1	14	-2	71	+4	0	57	76	3
	GAZA	—	—	—	—	0	0	17.1	+1.0	-2.1	20	-4	11	-1	66	+1	0	238	368	—
	HAIFA	1016.3	+2.9	+3.9	—	0	0	20.8	+2.1	+0.8	22	-2	15	+3	55	-5	0	729	634	2
LOWER EGYPT	TANTA	1020.0	+2.4	—	NE	1	0	16.2	+0.2	—	23	—	9	—	69	—	0	32	—	—
	CAIRO: EZBEKIYA	1019.6	+2.4	+5.8	E	2	0	16.9	+2.5	-1.4	23	-5	11	-2	63	-2	0	16	30	—
	CAIRO: GIZA	1019.9	+1.9	+5.5	—	0	0	15.9	0.0	—	23	-5	6	-5	71	—	0	21	27	—
	CAIRO: HELWAN	1019.6	+1.6	+5.5	E	1	0	14.8	+0.1	-3.7	22	-6	11	-3	63	+12	0	19	32	—
	SIWA	1016.7	-1.6	+1.7	—	0	1	17.0	+1.0	-0.7	—	—	9	-3	70	+12	0	35	7	—
RED SEA	SUEZ	1019.1	+2.4	+4.4	N	2	0	15.5	-1.2	-3.0	23	-5	11	-4	68	-3	0	28	25	2
	TOR	1017.1	+2.3	+4.1	NW	3	0	19.7	-0.3	-1.9	24	-4	14	-2	66	0	0	11	14	3
	HURGHADA	1017.6	+2.8	—	NNW	5	0	20.5	+0.5	—	25	—	13	—	38	—	0	0	—	3
	QOSSEIR	1016.0	+0.9	—	NNW	4	0	20.8	-1.0	—	25	—	17	—	56	—	0	15	—	7
UPPER EGYPT	GEBALI	1019.8	+1.1	+5.4	N	2	0	16.8	+0.8	-2.5	25	-4	9	-3	53	-2	0	17		
	MINYA	1019.8	+1.2	—	NNW	2	0	16.0	+1.0	-2.9	24	-6	8	-5	64	+1				
	ASYUT	1019.8	+1.6	+6.1	WSW	2	0	16.7	-0.3	-3.6	25	-6	11	-4	48	+3	0	7		
	SOHAG	1017.8	+1.9	—	NNW	1	0	18.0	-2.3	-5.8	31	-5	13	-3	44	+5				
	KHARGA	1017.9	+0.1	—	NE	1	0	19.5	-0.6	—	28	—	18	—	42	—	0	1		
	ASWAN	1016.7	+0.1	+4.0	NNE	3	0	19.0	+0.4	-5.7	29	-7	15	-3	25	-4	—	—		
SUDAN	WADI HALFA	1015.5	-0.4	+3.5	N	2	0	20.0	+1.0	-3.2	30	-6	15	-2	28	+3				
	MEROWE	1013.3	-2.5	+2.6	NE	2	0	24.0	+1.0	-4.0	34	-6	16	-4	15	-3	0	0	1	
	ATBARA	1011.6	-0.8	+3.4	NNE	3	0	24.3	+0.3	-3.8	34	-5	17	-4	10	-6	0	3	5	
	KHARTOUM	1014.3	+1.6	+3.3	N	3	0	25.5	-2.1	-2.4	29	-2	20	-1	41	-17	0	29	107	3
	KASSALA	1007.9	-0.1	+0.5	—	0	0	28.5	+0.5	-2.9	37	-3	20	-2	37	0	0	0	12	
	WAD MEDANI																			
	GORE	1007.6	-0.2	0.0	—	0	0	26.5	-3.0	-3.8	38	-2	18	-4	22	-9	0	36	48	
	EL FASHER	1011.0	—	—	SE	1	0	22.0	-1.0	-3.1	35	-3	10	-8	16	-4	0	1	8	
	EL OBEID	1012.6	+1.5	+2.8	NNE	3	0	21.8	-2.6	-6.4	35	-3	13	-6	30	+2	0	17	21	
	MALAKAL	1009.5	+0.1	+0.3	NNE	4	0	29.0	-0.2	0.0	38	-1	20	-3	9	-37	0	107	110	
	JUBA																			

General Situation

Egypt is an area of high pressure but a deep depression now centred near Malta is approaching and pressure to the west of Egypt is falling rapidly.

الحالة العامة

مصر الآن منطقة ارتفاع ولكن هناك انخفاض عميق الغور بالقرب من مالطة وهو مقبل - والضغط آخذ في الهبوط بسرعة غرب مصر.

500	20	NE
1000	25	N
1500	45	NNW
2000	20	N
3000		

Forecast for 24 hours from noon to-day.

Light northeast winds, freshening and veering to east and southeast.
Clear at first, some high cloud developing later. Warmer.
Further outlook: Much warmer weather.

توقعات لمدة ٢٤ ساعة من ظهر اليوم

رياح خفيفة شمالية شرقية تشتد نوعا وتتحول الى شرقية وجنوبية شرقية - السماء صحو في المبدأ ثم تظهر بعض السحب العالية - الطقس أميل الى الدفء وفيما بعد تزداد درجة الحرارة كثيرا.

STATION	Humidity, Mean of Day: Yesterday	Humidity, Mean of Day: Diff. from normal	Air Temperature, Mean of Day: Yesterday	Air Temperature, Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	60	-7	13.0	-1.8
Ezbekiya	56	+3	13.2	-2.5
Giza	53	+4	13.1	—
Helwan	49	+7	12.2	-1.1

NOTE. A dash means that figures are not available.

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
13.4	658	674
12.4	663	674

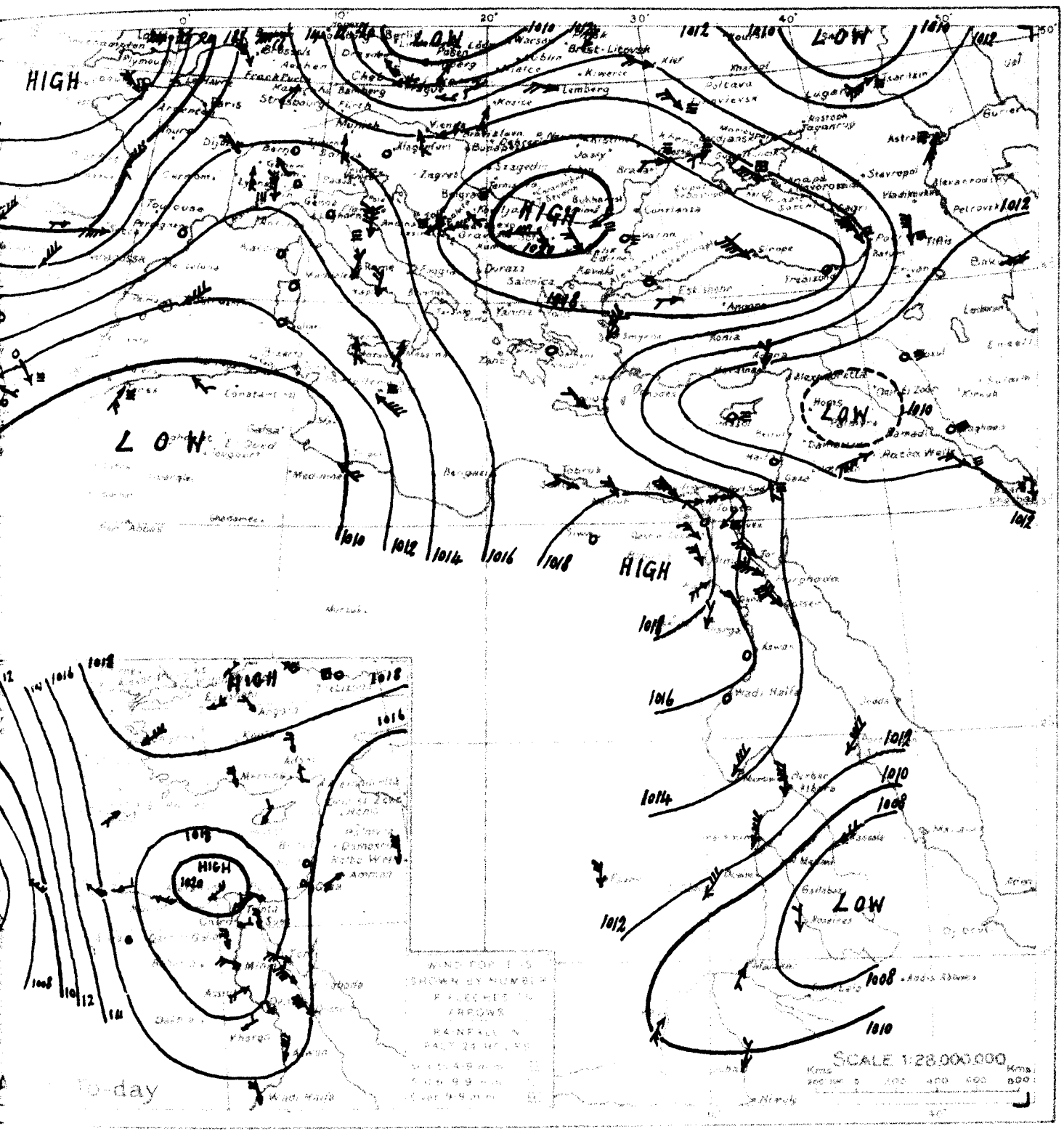
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m	m		
Juba	13.4	13.40	+0.12	13.52	+0.24
Nasser	11.4	4.95	-0.49	4.96	-0.44
Malakal	13.4	9.69	-0.37	9.69	-0.37
Rosaires	13.4	11.08	-0.28	11.12	-0.24
Sennar Res.	11.4	16.30	—	16.36	—
Makwar	11.4	4.57	-0.54	4.57	-0.53
Khartoum	13.4	9.77	-0.27	9.78	-0.27
Kh. el Gireba					
Atbara	13.4	9.72	-0.20	9.72	-0.21
Wadi Halfa	13.4	0.87	-0.43	0.90	-0.40
Aswan Res	13.4	110.04	—	110.11	—
" D.S.	13.4	85.11	-0.22	85.12	-0.21
El Leithi	14.4	16.91	-0.01	16.92	0.00
Roda (Cairo)	13.4	15.70	+0.23	15.73	+0.26

PRINTED AT THE SURVEY OF EGYPT 1929(29/66W) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٢-٤-٣١. Barometer and Wind at 8 h. Yesterday 13.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٢-٤-٣١. From Observations taken at 8 h. yesterday. 13.4.31.

	Barometer: Reduced to Sea level	Barometer: Change in last 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff from normal	Temperature: Max.	Temperature: Diff from normal	Temperature: Min.	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1015.8	-2.2	+3.0	NE	2	4	10	+1	—	20	—	7	—	70	—	—	—	563	—
MALTA	1013.1	-4.0	-0.3	SE	4	5	15	0	—	18	-1	14	+2	80	—	drops	363	403	3
ATHENS	1017.9	+0.7	+4.3	—	0	0	13	+3	—	—	—	—	—	50	—	—	—	313	—
CANDIA	1017.2	+0.6	+2.8	NW	1	1	16	+2	—	18	-2	9	-3	—	—	0	487	425	2
LIMASSOL	1010.6	+5.8	-2.4	—	0	1	16	0	—	18	-5	8	-2	—	—	trace	371	429	1

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 28m

" " sunset 18h 22m

From Observations taken at 8h. to-day.

Wednesday 15th April, 1931 — ١٩٣١ الأربعاء ١٥ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1006.2	-7.5	-10.6	SSW	6	7	18.3	+4.0	+0.6	22	—	11	—	56	-10	0	51	95	5
	MATRUH	1008.6	-9.6	-6.2	SE	4	4	21.0	+5.0	+3.3	22	-1	15	+2	35	-35	0	174	156	1
	ALEXANDRIA	1010.2	-10.0	-4.2	SSE	2	4	17.1	+0.6	-1.3	23	-1	14	-1	67	-2	0	93	187	4
	PORT SAID	1012.8	-7.1	-0.3	ESE	5	3	18.5	+0.6	-0.8	21	-2	15	-1	69	+2	0	57	76	3
	GAZA	—	—	—	SE	1	0	19.3	+2.2	0.0	21	-3	11	-1	60	-5	0	238	369	—
	HAIFA	1014.2	-2.1	+1.9	—	0	0	18.3	-2.5	-1.8	23	-1	13	+1	59	-1	0	729	634	3
LOWER EGYPT	TANTA	1011.9	-8.1	—	ENE	1	4	18.8	+2.6	—	26	—	13	—	62	—	0	32	—	—
	CAIRO EZBEKIYA	1011.4	-8.2	-2.3	SSE	2	2	21.4	+4.5	+3.0	26	-2	14	+1	37	-28	0	16	30	—
	CAIRO GIZA	1011.5	-8.4	-2.8	ESE	1	3	20.8	+4.9	—	26	-2	10	-1	51	—	0	21	27	—
	CAIRO HELWAN	1011.5	-8.1	-2.5	SE	4	3	23.2	+8.4	+4.5	27	-1	15	+1	20	-31	0	19	32	—
	SIWA	1007.1	-9.6	-7.9	—	0	0	25.5	+3.5	+7.6	—	—	—	—	63	+5	0	35	7	—
RED SEA	SUEZ	1012.5	-6.8	-2.3	S	3	3	20.0	+4.5	+1.4	26	-2	15	0	68	-3	0	28	25	2
	TOR	1013.8	-3.3	+0.8	—	0	1	22.0	+2.3	+0.3	23	-5	14	-2	83	+17	0	11	14	1
	HURGHADA	1012.6	-5.0	—	WNW	4	0	23.0	+2.5	—	25	—	14	—	41	—	0	0		2
	QOSSEIR	1013.8	-2.2	—	NW	5	0	25.0	+4.2	—	25	—	18	—	23	—	0	15		5
UPPER EGYPT	GEBALI	1012.8	-7.0	-1.6	S	3	0	19.8	+3.0	+0.3	28	-1	14	+2	51	-3	0	17		—
	MINYA	1013.0	-6.8	—	WSW	2	0	20.2	+4.2	+1.2	28	-2	12	-1	36	-26				—
	ASYUT	1013.8	-6.0	+0.2	WSW	2	0	21.5	+4.8	+1.0	29	-2	15	0	44	0	0	7		—
	QENA	1013.8	-4.0	—	E	1	0	22.8	+4.8	-1.2	33	-3	14	-2	27	-12				—
	KHARGA	1014.0	-3.9	—	—	0	1	21.1	+1.6	—	30	—	19	—	30		0	1		—
	ASWAN	1013.4	-3.3	+0.8	—	0	1	21.0	+2.0	-3.9	32	-4	17	-1	27	-2	—			—
NORTH SUDAN	WADI HALFA	1012.7	-2.8	+0.7	—	0	10	20.6	+0.6	-2.8	33	-4	14	-3	23	-2				—
	MEROWE	1011.2	-2.1	+0.6	NE	2	0	26.0	+2.0	-2.2	37	-3	17	-4	13	-5	0	0	1	—
	ATBARA	1011.4	-1.4	+2.6	NE	2	0	26.0	0.0	-3.3	37	-2	17	-3	27	+13	0	0	2	—
	KHARTOUM	1010.6	-1.0	+2.4	NNE	2	0	26.7	+2.4	-1.6	37	-2	20	-1	14	-2	0	3	5	—
EAST SUDAN	PORT SUDAN	1014.0	-0.3	+3.0	N	1	0	27.1	+1.6	-0.9	29	-3	20	-1	55	-2	0	29	107	1
	KASSALA																			
	WAD MEDANI	1010.7	-0.5	+3.0	N	3	0	29.0	+2.0	-0.8	40	-1	21	-1	29	+12	0	8	14	—
	ROSEIRES	1006.8	-0.8	-0.8	NNE	1	0	28.5	+2.0	-1.8	41	+1	20	-2	43	+12	0	30	48	—
SOUTH SUDAN	EL FASHER																			
	EL OBEID	1012.2	-0.4	+2.4	ENE	2	10	—	—	—	36	-2	16	-4	—	—	0	17	21	—
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — PRESS. Mm. Mb

Upper Wind Observations at Helwan at 8 45 m. m.

Height (metres)	Kms. per hour	Direction
500	25	SSE
1000	35	SE
1500	25	S
2000	25	SW
3000	30	W

General Situation

Pressure continues to fall rapidly and is much disturbed. The main depression is now centred over Greece, with a secondary off Sollum, and there appears to be a shallow depression over the Libyan desert.

الحالة العمومية

الضغط على مصر مستمر فى الهبوط وهو مضطرب جدا والانخفاض الرئيسى يقع الآن على اليونان ومع ثانوى القرب من السلوم بينما توجد علامات عن وجود انخفاض ضئيل على صحراء ليبيا .

Forecast for 24 hours from noon to-day.

Fresh southerly winds, at times strong, veering on the coast to west tomorrow.
Much high cloud.
Warm. Khamsin conditions. Further outlook: Khamsin weather probably breaking tomorrow night.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح جنوبية نسيمية تشتد احيانا تتحول الى الغرب بالقرب من الساحل - يكثر السحاب العالى - الطقس حار وحالة خماسينية واذا نظرنا بعيدا فان حالة الخماسين يحتمل ان تنكسر حوالى مساء الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	70	+3	15.[illegible]	+0.3
Ezbekiya	46	-7	13.[illegible]	-2.2
Giza	46	-3	13.[illegible]	—
Helwan	38	-4	11.[illegible]	-1.5

NOTE. A dash means that figures are not available

Terms of Subscription. By inland Post, PT 100 annually
" " Abroad PT. 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
15.4	658	739
14.4	659	740

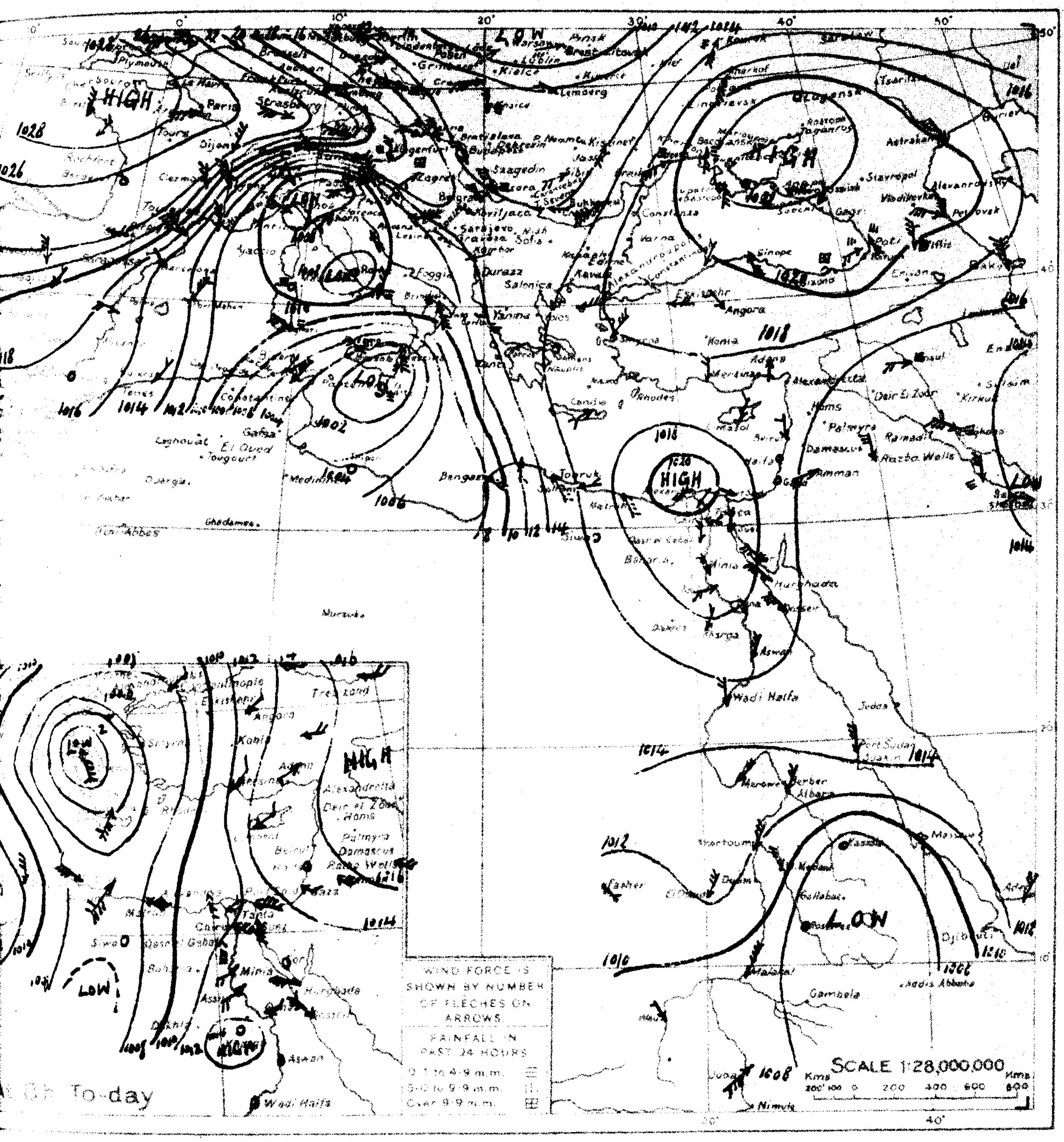
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m	m	m
Juba	14.4	13.39	+0.4	13.40	+0.12
Nasser	13.4	4.94	-0.55	4.95	-0.49
Malakal	14.4	9.73	-0.34	9.69	-0.34
Roseires	15.4	11.02	-0.35	11.04	-0.33
Sennar Res.	13.4	15.70	—	16.00	—
Makwar	13.4	5.06	-0.06	5.07	-0.04
Khartoum	14.4	9.78	-0.26	9.77	-0.27
Kh. el Girba					
Atbara	14.4	9.72	-0.20	9.72	-0.20
Wadi Halfa	14.4	0.87	-0.42	0.87	-0.43
Aswan Res.	15.4	109.91	—	109.97	—
" D.S.	15.4	85.11	-0.23	85.11	-0.23
El Leithi	15.4	16.91	0.00	16.91	-0.01
Roda (Cairo)	15.4	15.73	+0.27	15.28	+0.[illegible]

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٤-٤-٣١. Barometer and Wind at 8 h. Yesterday 14.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٤-٤-٣١. From Observations taken at 8 h yesterday. 14.4.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Max mum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.9	-7.9	-4.9	—	0	4	13	+3	—	22	—	10	—	70	—	—	—	565	—
	MALTA	1000.6	-12.5	-12.8	—	0	6	17	+2	—	17	-2	14	+2	80	—	drops	363	404	2
	ATHENS	1016.8	-1.1	+3.2	—	0	4	12	-1	—	—	—	—	—	70	—	—	—	314	—
	CANDIA	1017.4	+0.2	+3.1	SW	1	4	14	-2	—	19	-1	10	-2	—	—	0	487	426	2
	LIMASSOL	1016.4	+5.8	+3.6	NNE	1	0	16	0		21	-2	7	-3	—	—	0	371	430	2
EGYPT and SUDAN	Atbara عطبرة	1012.8	+0.1	+3.9	NNE	2	0	26.0	+2.0	-3.2	35	-4	18	-2	27	+13	0	0	2	—
	Wad Medani ود مدني	1011.2	+2.6	+3.4	N	3	0	27.0	+1.0	-2.7	37	-4	19	-3	15	-2	0	8	14	—
	Wau واو	1008.2	-0.8	-0.4	NW	1	0	29.0	+1.9	+2.7	38	+1	24	+2	50	-16	0	153	204	—
	Juba جوبا	1008.7	-1.7	—	SW	4	2	26.0	+2.0	—	35	—	—	—	80	—	0	182	230	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY W

CAIRO, to-morrow

Time of sunrise 05 h 27 m

" " sunset 18 h 23 m

From Observations taken at 8 h. to-day.

Thursday 16th April, 1931 — ١٩٣١ الخميس ١٦ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1016.7	+10.5	0.0	NNW	3	3	16.3	-2.0	-1.5	27	—	12	—	56	-10	0	51	96	4
	MATRUH	1014.8	+6.2	+0.1	NW	5	0	16.4	-4.6	-1.4	32	+9	15	+2	61	-9	0	174	156	6
	ALEXANDRIA	1013.8	+3.6	-0.5	WNW	5	4	16.5	-0.5	-2.0	32	+8	14	-1	59	-10	drops	93	188	5
	PORT SAID	1011.8	-1.0	-1.3	WNW	4	3	19.0	+0.5	-0.4	22	-1	17	+1	71	+4	0	57	76	5
	GAZA	—	—	—	SW	2	3	17.6	-1.7	-1.9	28?	+4	17	+5	77	+12	0	238	369	—
	HAIFA	1005.8	-8.4	-6.5	SSW	3	4	20.9	+2.6	+0.7	23	-1	14	+2	55	-5	0	729	634	4
LOWER EGYPT	TANTA	1013.3	+1.4	—	W	2	4	18.3	-0.5	—	32	—	15	—	55		0	32	—	—
	CAIRO EZBEKIYA	1014.0	+2.6	+0.3	WNW	2	3	17.8	-3.6	-0.8	33	+5	16	+3	57	-8	drops	16	30	—
	CAIRO GIZA	1014.0	+2.5	-0.3	NW	3	3	18.5	-2.3	—	33	+5	15	+4	58	—	0	21	27	—
	CAIRO HELWAN	1014.3	+2.8	+0.4	NW	5	2	16.3	-6.9	-2.5	33	+5	15	+1	60	+9	0	19	32	—
	SIWA	1016.4	+9.3	+1.4	NW	1	0	16.3	-9.2	-1.7	—	—	14	+2	76	+18	0	35	7	—
RED SEA	SUEZ	1012.0	-0.3	-2.5	NW	3	2	19.2	-0.8	+0.4	27	-1	17	+2	65	-6	0	28	25	2
	TOR	1009.5	-4.3	-3.4	NW	2	0	25.0	+3.0	+3.1	29	+1	18	+2	61	-5	0	11	14	2
	HURGHADA	1008.4	-4.2	—	NNW	6	0	23.5	+0.5	—	29	—	14	—	49	—	0	0		4
	QOSSEIR	1007.4	-6.4	—	SW	4	0	25.5	+0.5	—	28	—	19	—	62	—	0	15	—	3
UPPER EGYPT	GEBALI	1015.2	+2.4	+0.9	NW	3	0	19.0	-0.8	-0.7	35	+5	10	-2	54	0	0	17	—	—
	MINYA	1015.4	+2.4	—	NNE	6	2	17.5	-2.7	-1.7	33	+2	14	0	72	+10	rain		—	—
	ASYUT	1014.6	+0.8	+1.0	NW	3	0	18.3	-3.2	-2.5	36	+4	16	+1	62	+18	0	7	—	—
	QENA	1010.7	-3.1	—	NW	5	1	26.2	+3.4	+2.1	36	0	14	-2	23	-16	—		—	—
	KHARGA	1013.0	-1.0	—	N	2	1	22.5	+1.4	—	35	—	21	—	45		0	1	—	—
	ASWAN	1009.6	-3.8	-2.9	—	0	1	25.7	+4.7	+0.6	39	+3	21	+3	33	+4	—	—	—	—
NORTH SUDAN	WADI HALFA	1010.0	-2.7	-1.9	—	0	0	23.8	+3.2	+0.2	39	+2	17	0	27	+2	—	—	—	—
	MEROWE	1009.4	-1.8	-1.2	NE	1	0	30.5	+4.5	+2.1	40	0	20	-1	12	-6	0	0	1	—
	ATBARA																			—
	KHARTOUM	1008.3	-2.3	+0.1	—	0	0	28.1	+1.4	-0.3	39	0	22	+1	14	-2	0	3	5	—
EAST SUDAN	PORT SUDAN	1010.0	-4.0	-0.9	—	0	4	28.2	+1.1	0.0	30	-2	22	0	66	+9	0	29	107	1
	KASSALA																			—
	WAD MEDANI	1008.8	-1.9	+1.1	W	3	0	31.5	+2.5	+1.6	41	0	20	-2	12	-5	0	8	14	—
	ROSEIRES	1005.5	-1.3	-2.1	—	0	0	31.0	+2.5	+0.7	42	+2	20	-2	27	-4	0	36	49	—
SOUTH SUDAN	EL FASHER	1007.6	-3.0	—	WNW	1	1	23.0	-1.0	-2.3	40	+2	11	-7	9	-11	0	1	8	—
	EL OBEID																			—
	MALAKAL	1008.7	-1.5	-0.6	—	0	2	31.0	+0.8	+2.1	40	+2	24	+1	43	-5	0	107	111	—
	WAU																			—
	JUBA			—						—		—		—		—				—

Upper Wind Observations at Helwan at h. m. 9 30

Height (metres)	Kms an hour	Direction
500	20	NW
1000	15	NW
1500		
2000		
3000		

General Situation

The depression passed during the night and is now situated over Syria, with a secondary east of the Gulf of Aquaba.
High pressure has been established west of Egypt.

الحالة العمومية

قد مر الانخفاض اثناء الليل وهو الآن فوق سوريا
وهناك انخفاض ثانوى شرق خليج العقبة .
وقد تكون ارتفاع بغرب مصر .

Forecast for 24 hours from noon to-day.

Moderate to fresh west to northwest winds.
Much medium cloud at times.
Cool.

توقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح بين المعتدلة والنسيم غربية وشمالية غربية .
كثير السحاب المتوسط والارتفاع احيانا .
الطقس مائل للبرودة .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	73	+6	15.4	+0.6
Ezbekiya	24	-29	15.2	-0.7
Giza	31	-18	15.7	—
Helwan	12	-30	13.8	+0.4

NOTE. A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
15.4	658	739
14.4	659	740

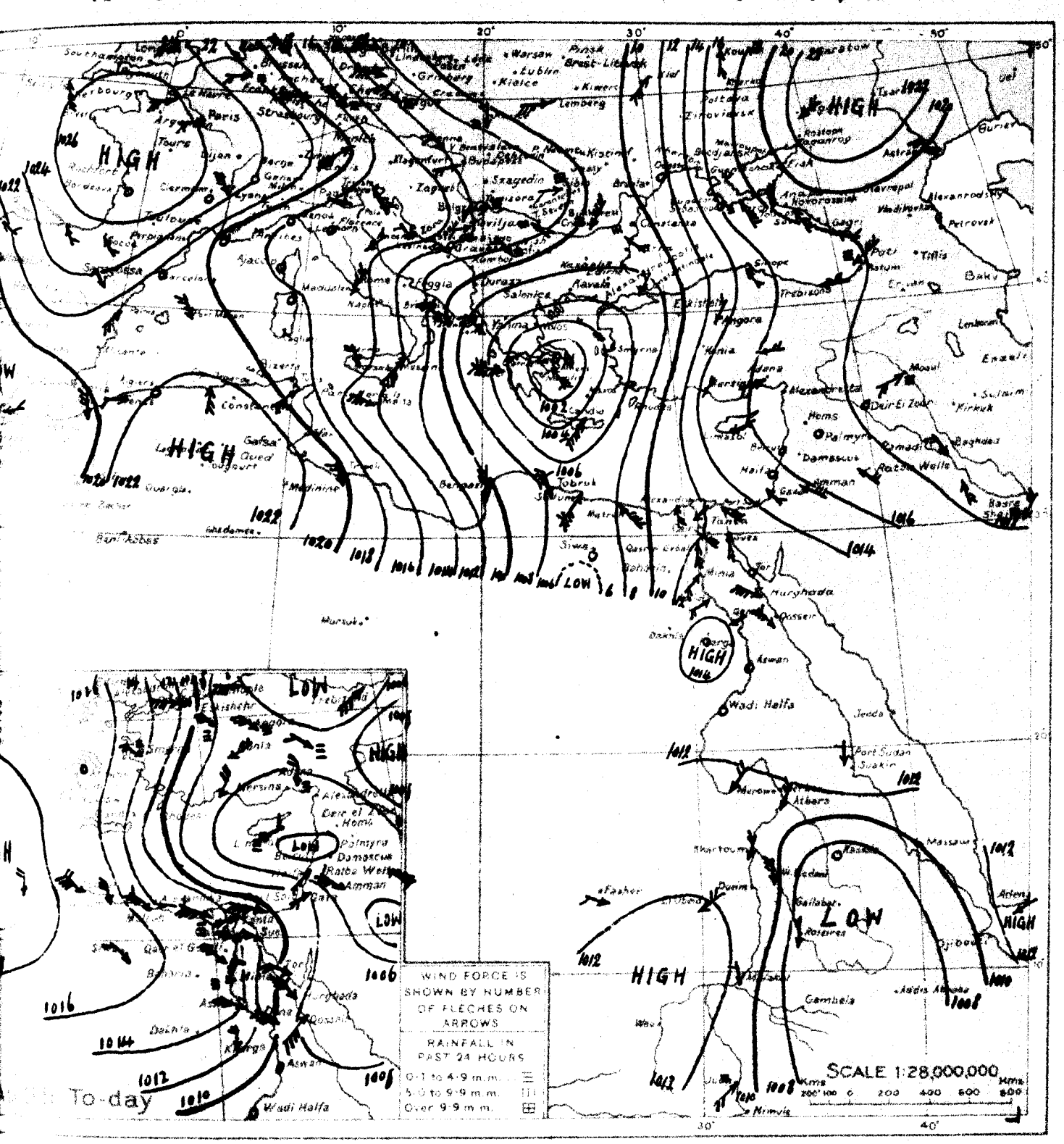
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m	m	m.
Juba	15.4	13.40	+0.11	13.39	+0.11
Nasser	14.4	4.86	-0.71	4.88	-0.44
Malakal	15.4	9.73	-0.34	9.73	-0.34
Roseires	16.4	11.04	-0.33	11.02	-0.35
Sennar Res.	14.4	15.37	—	15.70	—
Makwar	14.4	5.05	-0.08	5.06	-0.06
Khartoum	15.4	9.82	-0.22	9.78	-0.26
Kh. el Girba					
Atbara	16.4	9.67	-0.24	9.69	-0.23
Wadi Halfa	15.4	0.86	-0.43	0.87	-0.42
Aswan Res.	15.4	109.91	—	109.97	—
" D.S.	15.4	85.11	-0.23	85.11	-0.23
El Leithi	16.4	16.91	0.00	16.91	0.00
Roda (Cairo)	16.4	15.75	+0.29	15.73	+0.27

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-١٥ Barometer and Wind at 8 h. Yesterday 15.4.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٤-١٥ From Observations taken at 8 h yesterday. 15.4.31

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C	°C.	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.8	+8.9	+4.0	NE	3	.1	12	-1	—	23	—	7	—	50	—	—	—	568	—
	MALTA	1013.6	+13.0	+0.2	WNW	5	1	16	-1	—	20	+1	13	+1	70	—	0	363	404	3
	ATHENS	1001.1	-15.7	-12.5	SSE	5	4	16	+4	—	—	—	—	—	80	—	—	—	314	—
	CANDIA	1005.1	-12.3	-9.2	SSW	5	0	20	+6	—	20	0	15	+3	—	—	0	487	427	6
	LIMASSOL	1015.0	-1.4	+2.2	ENE	1	0	17	+1		19	-4	10	-1	—	—	0	371	430	4
EGYPT and SUDAN	Kassala كسلا	1007.8	-0.1	+0.4	—	0	0	29.0	+0.5	-2.5	39	-1	21	-1	31	-6	0	0	12	—
	El Fasher الفاشر	1010.6	-0.4	—	WNW	1	0	24.0	+2.0	-1.2	37	-1	11	-7	11	-9	0	1	8	—
	Malakal ملكال	1010.2	+0.7	+0.9	NNW	1	0	30.2	+1.2	+1.2	40	+1	22	-1	42	-5	0	107	110	—
	Juba جوبا	1010.6	+1.9	—	SW	2	0	27.5	+1.5	—	31	—	—	—	70	—	1	183	232	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 26 m

" sunset 18 h 24 m

From Observations taken at 8h. to-day.

Friday 17th April, 1931 ١٩٣١ الجمعه ١٧ أبريل

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in last 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in last 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total since 1st Sept. (mm)	Rainfall: Total last year to date (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1017.2	+0.5	+0.5	—	1	0	14.8	-1.5	-3.2	21		9		64	-2	0	51	96	3
	MATRUH	1016.3	+1.5	+1.6	NW	1	0	16.4	0.0	-1.5	17	-6	11	-2	58	-12	0	174	157	2
	ALEXANDRIA	1016.3	+2.5	+2.0	NW	2	1	16.2	-0.3	-2.4	22	-2	14	-1	60	-9	0	93	188	3
	PORT SAID	1015.4	+3.6	+2.4	W	3	3	17.7	-1.3	-1.9	22	-2	15	-1	63	-4	0	57	76	3
	GAZA	—	—	—	W	1	2	17.8	+0.2	-1.8	21	-3	16	+4	56	-9	0	238	369	
	HAIFA	1011.6	+5.8	-0.6	—	0	3	19.0	-1.9	-1.3	24	0	16	+3	59	-1	2	731	635	1
INLAND EGYPT	TANTA	1016.2	+2.9		W	1	0	16.9	-1.4		24		10		59		0	32		
	EZBEKIYA	1015.1	+1.1	+1.5	N	1	2	16.0	-1.8	-2.7	26	-2	13	-1	59	-6	0	16	30	
	GIZA	1016.3	+2.3	+2.1	N	1	3	15.6	-2.9	—	29	+1	8	-3	69	—	0	21	27	
	HELWAN	1016.3	+2.0	+2.4	N	3	0	14.7	-1.6	-4.2	29	0	10	-4	56	+5	0	19	32	
	SIWA	1016.7	+0.3	+1.8	—	0	0	15.0	-1.3	-3.2	—	—	10	-2	73	+15	0	35	7	
RED SEA	SUEZ	1015.0	+3.0	+0.6	NW	2	2	16.5	-2.7	-2.4	24	-4	15	0	59	-12	0	28	25	1
	KOSEIR	1011.8	+2.3	-1.1	NW	4	0	20.0	-5.0	-2.0	26	-2	17	+1	72	+6	0	11	14	4
	HURGHADA	1012.2	+3.8		NNW	6	0	19.0	-4.5		28		12		56		0	0		4
	QUSEIR	1013.0	+5.6		NNW	6	0	20.4	-5.1		35		19		65		0	15		6
[illegible]	[illegible]	1016.6	+1.4	+2.4	NW	3	0	16.0	-3.0	-3.7	26	-4	10	-2	59	+6	0	17		
	[illegible]	1016.0	+0.6		NNE	6	0	16.0	-1.5	-3.4	26	-5	10	-4	55	-6				
	[illegible]	1016.3	+1.7	+2.8	NW	3	0	16.7	-1.6	-4.3	26	-6	12	-3	45	+1	0	7		
	[illegible]	1013.6	+2.9		W	3	0	20.2	-6.0	-4.1	32	-4	14	-2	42	+3				
	[illegible]	1014.7	+1.7		NNE	2	0	18.4	-4.1		28		17		48		0	1		
	[illegible]	1012.6	+3.0	+0.2	N	2	1	20.0	-5.7	-5.2	35	-1	17	-2	34	+5				
	[illegible]	1012.2	+2.2	+0.3	N	2	0	19.8	-4.0	-4.0	38	+1	17	0	30	+5				
	[illegible]	1008.6	-0.8	-1.9	NNE	3	0	28.5	-2.0	-0.1	42	+2	22	+1	16	-2	0	0	1	
	[illegible]	1007.6	-2.7	-1.1	N	4	0	30.0	+3.5	+0.3	42	+2	25	+4	25	+11	0	0	2	
	[illegible]	1006.6	-1.7	-1.5	NNE	2	0	28.8	+0.7	+0.2	40	+1	23	+2	10	-6	0	3	5	
	[illegible]	1009.9	-0.1	-1.0	N	4	4	27.9	-0.3	-0.4	31	-1	26	+4	75	+18	0	29	108	4
	[illegible]	1003.9	-2.5	-3.5	—	0	0	32.5	+1.5	+0.8	42	+1	23	0	31	-6	0	0	12	
	[illegible]	1005.3	-3.5	-2.4	NNW	4	0	32.0	+0.5	+2.0	42	+1	22	0	11	-6	0	8	14	
	[illegible]	1003.1	-2.4	-4.5	—	0	0	31.0	0.0	+0.7	43	+3	21	-1	42	+11	0	36	50	
	[illegible]	1005.6	-2.0		NNW	1	0	28.0	+5.0	+2.6	41	+3	15	-3	12	-8	0	1	8	
	[illegible]	1006.4	-0.8	-3.3	NNE	2	0	27.9	-6.9	-0.7	41	+2	19	-1	16	-12	0	17	22	
	[illegible]	1007.2	-1.5	-2.1	—	0	1	31.8	+0.8	+2.9	41	+3	22	-1	43	-6	0	107	112	
	[illegible]	1004.8	-2.2	-3.9	SSW	7	0	31.4	+0.2	+5.2	42	+5	26	+4	46	-21	0	153	210	
	[illegible]	1005.6	-2.7		SW	4	3	27.6	-0.9		39		—		67		0	183	241	

STATION	Humidity: Mean of Day (%)	Humidity: Diff. from normal (%)	Temperature: Mean of Day (°C)	Temperature: Diff. from normal (°C)
Alexandria	60	-7	13.2	-1.7
Ezbekiya	48	-4	13.4	-2.6
Giza	52	+4	13.9	—
Helwan	48	+7	12.4	-1.1

NOTE. A dash means that figures are not available.

Terms of Subscription: By inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by Sudan Government		
DATE		
16.4	660	811
15.4	658	739

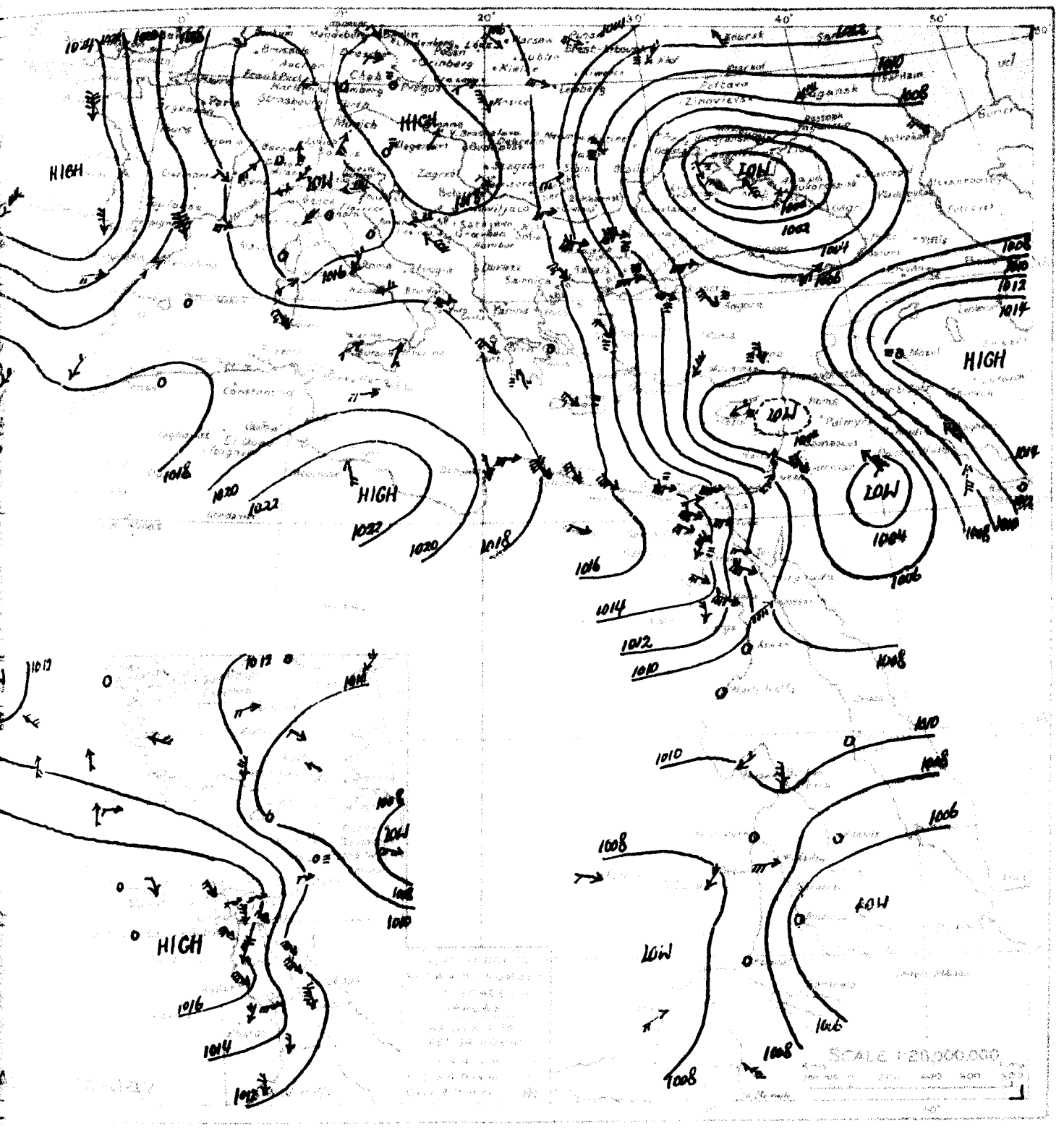
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.4	13.40	+0.11	13.39	+0.11
[illegible]	15.4	4.87	-0.72	4.86	-0.71
[illegible]	15.4	9.73	-0.34	9.73	-0.34
[illegible]	16.4	11.04	-0.33	11.02	-0.35
Semiat Res.	16.4	14.75	—	15.05	—
Makwar	16.4	4.81	-0.33	4.88	-0.25
Khartoum	15.4	9.82	-0.22	9.78	-0.26
Kh. el Gurni					
Atbara	16.4	9.67	-0.24	9.69	-0.23
Wadi Halfa	15.4	0.86	-0.43	0.87	-0.42
Aswan Res.	16.4	109.86	—	109.91	—
" D.S.	16.4	85.10	-0.24	85.11	-0.23
El Lenin	16.4	16.91	0.00	16.91	0.00
Roda (Cairo)	16.4	15.75	+0.29	15.73	+0.27

Printed at the Survey of Egypt (222/29/250/11) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٤-١٦ Barometer and Wind at 8 h Yesterday 16.4.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

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

٣١-٤-١٦ From Observations taken at 8 h yesterday 16.4.31.

	1017.2	+0.4	+4.4	NE	2	2	11	-1		21	—	7	—	50	—	—	—	570	—
[illegible]	1019.6	+6.0	+6.2	W	2	0	14	-2		18	-1	11	-2	70	—	0	363	405	2
[illegible]	1016.6	+15.5	+3.0	—	0	0	12	-4		—	—	—	—	30	—	—	—	315	—
[illegible]	1016.4	+11.3	+2.1	NW	3	2	15	-5		24	+4	12	0	—	—	2	489	427	5
[illegible]	1005.1	-9.9	-7.7	ENE	1	1	17	0		20	-3	7	-4	—	—	tr.	371	431	5
Atbara عطره	1010.3	-1.1	+1.6	N	3	0	26.5	+0.5	-3.0	39	-1	22	+2	34	+20	0	0	2	—
Kassala كسلا	1006.4	-1.4	-1.0	—	0	0	31.0	+2.0	-0.7	41	0	22	-1	34	-3	0	0	12	—
El Obeid الابيض	1007.2	-5.0	-2.5	NE	2	0	34.8	—	+6.4	40	+1	17	-3	10	-18	0	17	21	—
Wau واد	1007.0	-0.8	-1.6	SW	2	1	31.2	+2.2	+4.9	40	+3	28	+6	48	-19	0	153	208	—
Juba جوبا	1008.3	-2.3	—	SE	4	0	28.5	+1.0	—	40	—	—	—	61	—	0	183	238	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 24

" sunset 18 24

From Observations taken at 8h. to-day.

Saturday 18th April, 1931 ١٩٣١ السبت ١٨ ابريل

STATION	Barometer Reduced to Sea Level	Change in past 24 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff from normal	Max.	Diff from normal	Min.	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall Amount	Duration	Max. intensity	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm		mm	
SOLLUM	1009.8	-7.4	-6.8	SE	1	1	19.6	+4.8	+1.5	22	—	13		52	-14	0	51	96	2
MATRUH	1011.4	-4.9	-3.2	SSE	3	0	18.0	+1.6	0.0	18	-5	12	-1	42	-28	0	174	157	2
ALEXANDRIA	1014.2	-2.1	-0.1	ESE	2	4	14.1	-2.1	-4.6	21	-3	12	-3	73	+4	0	93	188	3
PORT SAID	1014.4	-1.0	+1.4	E	3	4	17.3	-0.4	-2.4	22	-2	13	-3	67	0	0	57	76	3
GAZA	—	—	—	—	0	2	16.6	-1.2	-3.2	20	-4	13	+1	66	+1	0	233	370	
HAIFA	1012.8	+1.2	+0.6	—	0	0	18.3	-0.7	-2.1	23	-1	13	0	57	-3	0	731	635	1
TANTA	1014.8	-1.4		NE	1	4	16.0	-0.9	—	25		9		65		0	32		
EZBEKIYA	1013.6	-1.5	0.0	NNE	1	4	17.4	+1.4	-1.5	25	-4	12	-2	57	-7	0	16	30	
GIZA	1013.6	-2.7	-0.6	—	0	4	16.3	+0.7	—	24	-5	8	-3	68	—	0	21	27	
HELIWAN	1013.0	-3.3	-0.9	NE	1	4	15.8	+1.1	-3.3	24	-5	13	-1	65	+15	0	19	32	
ASWAN	1011.4	-5.3	-3.5	—	0	2	17.1	+2.1	-1.3	—	—	13	+1	63	+5	0	35	7	
SUEZ	1012.7	-4.3	-1.7	N	3	3	17.0	+0.5	-2.1	24	-4	14	-1	65	-5	0	28	25	0
TOR	1011.5	-0.3	-1.3	—	0	4	20.0	0.0	-2.1	23	-5	15	-1	64	-2	0	11	14	1
HURGHADA	1010.8	-1.4		NNW	5	0	21.0	+2.0		26		14		47		0	0		3
KOSSEIR	1011.2	-1.8		N	5	0	24.0	+3.6		26		18		41		0	15		4
DERAOUA	1014.0	-2.6	-0.2	NE	3	0	18.0	+2.0	-1.9	25	-5	10	-2	53	0	0	17		
[illegible]	1013.0	-3.0		NNW	2	0	16.5	+0.5	-3.1	26	-5	9	-5	65	+4				
[illegible]	1013.1	-3.2	-0.4	WNW	2	2	17.8	+1.1	-3.4	26	-6	11	-4	48	+5	0	7		
[illegible]	1011.9	-1.7		WNW	2	0	18.9	-1.3	-5.5	34	-2	13	-4	41	+2				
[illegible]	1011.4	-3.3		NE	1	0	20.9	+2.5		29		[illegible]		43		0	1		
[illegible]	1010.6	-2.0	-1.7	—	0	0	19.7	-0.3	-5.7	32	-4	15	-4	25	-4				
[illegible]	1010.2	-2.0	-1.6	N	1	0	19.2	-0.6	-4.8	33	-4	14	-4	29	+4				
[illegible]	1008.4	-0.2	-2.0	NE	2	0	27.0	-1.5	-1.7	40	0	19	-2	11	-7	0	0	1	
[illegible]	1007.9	+0.3	-0.7	ENE	2	0	31.0	+1.0	+1.1	42	+2	23	+2	25	+11	0	0	2	
[illegible]	1006.4	-0.2	-1.7	NNE	3	0	28.1	-0.7	-0.7	40	+1	23	+2	6	-10	0	3	5	
[illegible]	1010.0	+0.1	-0.8	N	3	0	27.2	-0.7	-1.2	31	-1	21	-1	50	-6	0	29	108	3
[illegible]	1003.0	-0.1	-4.6	NNW	1	0	32.0	+1.0	+1.7	44	+4	22	0	43	+11	0	36	50	
[illegible]	1006.7	-0.5	-2.6	—	0	2	33.0	+1.2	+4.1	42	+4	24	+1	39	-11	0	107	112	

General Situation

8 45 The high pressure over Egypt is rapidly weakening. There is a depression over southern Greece and pressure in the west of Egypt is quickly falling. There are indications of a secondary near Sollum.

منطقة الضغط المرتفع على مصر آخذة فى التضعضع حيث يوجد انخفاض على جنوب اليونان والضغط على غرب مصر آخذ فى الهبوط بسرعة - ويوجد علامات عن وجود انخفاض ثانوى بالقرب من السلوم .

1500	15	NNE
1800	15	NNE
2100	10	NW
0000	25	W
0300	40	W

Forecast for 24 hours from noon to day.

Light to moderate easterly winds, veering to south and freshening.
Much cloud.
Mild Khamsin conditions. Changeable.
Possibility of light rain on the coast tomorrow.

رياح شرقية ما بين الخفيفة والمعتدلة تتحول الى الجنوب وتشتد قوتها بكثرة السحاب - وحالة الخمسين خماسينية معتدلة ثم تتغير ويحتمل ان تمطر خفيفا على الساحل غدا .

STATION	Humidity Mean of Day	Diff from normal	Sea Temperature Mean of Day	Diff from normal
	%	%	°C	°C
Alexandria	62	-5	13.1	-1.9
Ezbekiya	46	-6	13.4	-2.7
Giza	52	+4	13.7	—
Heiwan	42	+1	12.1	-1.5

NOTE. A dash means that figures are not available.

Terms of Subscription by Post, P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by Sudan m³ per sec.	1931	1930
18.4	660	812
17.4	661	808

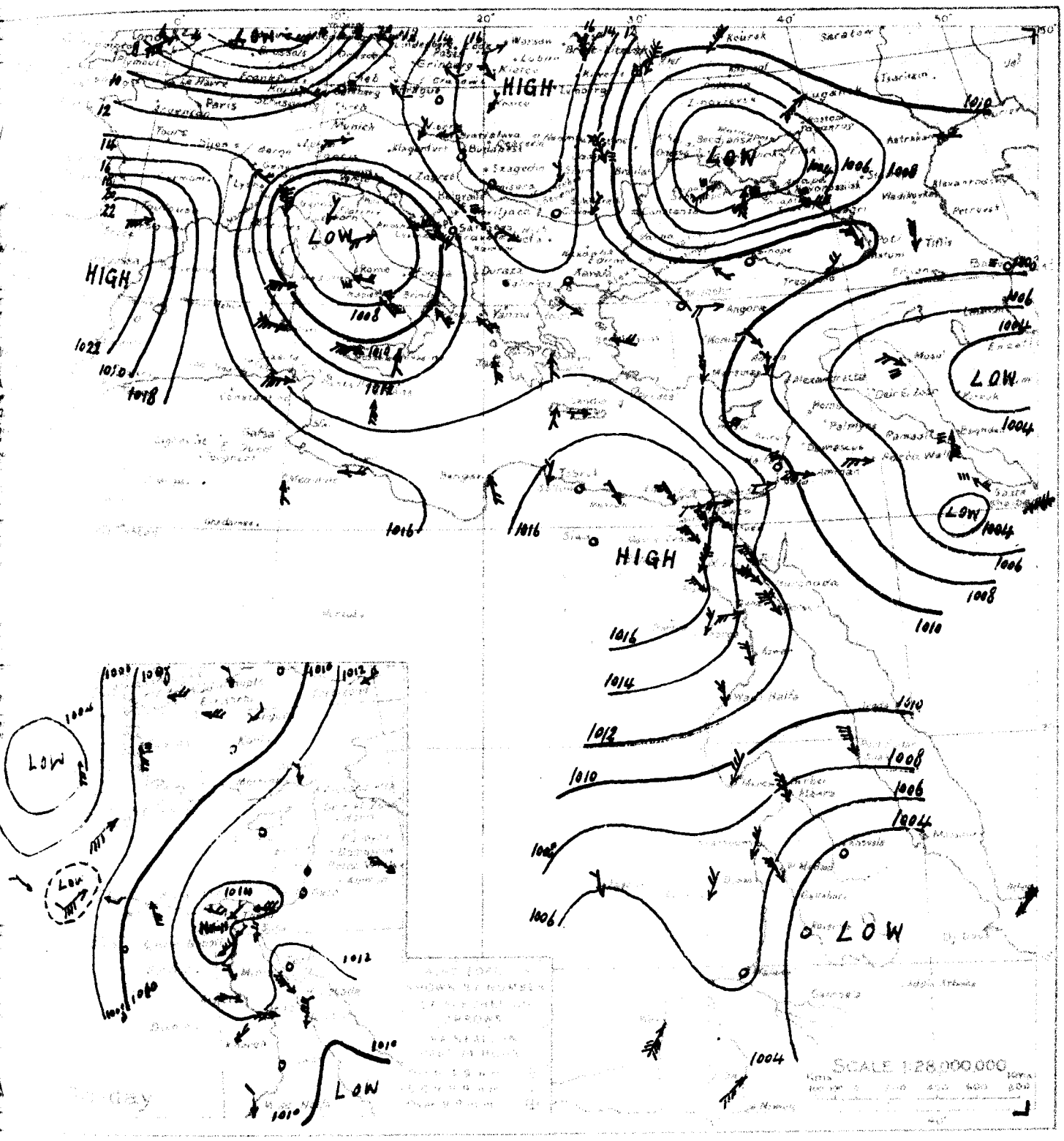
Station	Date	Reading	Diff from normal	Reading	Diff from normal
Juba	17.4	13.38	+0.08	13.38	+0.09
Nasser	15.4	4.87	-0.72	4.86	-0.71
Malakal	17.4	9.73	-0.35	9.72	-0.36
Rosaires	18.4	11.03	-0.32	11.03	-0.33
Sennar Res.	16.4	14.75	—	15.05	—
Makwar	16.4	4.81	-0.33	4.88	-0.25
Khartoum	17.4	10.06	+0.03	9.93	-0.10
Khor el Girba					
Atbara	18.4	9.68	-0.23	9.66	-0.25
Wadi Halfa	17.4	0.87	-0.42	0.86	-0.43
Aswan Res.	18.4	109.68	—	109.76	-23
" D.S.	18.4	85.11	-0.24	85.11	-0.23
El Lebbi	18.4	16.87	-0.03	16.90	0.00
Roda (Cairo)	18.4	15.75	+0.30	15.75	+0.41

PRINTED AT THE SURVEY OF EGYPT (930/30/556/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٧ - ٤ - ٣١ Barometer and Wind at 8 h. Yesterday 17.4.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Fog	5
Sand storm	6
Snow storm	7
Misty fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٧ - ٤ - ٣١ From Observations taken at 8 h. yesterday 17.4.31.

	Barometer Sea Level	Temperature	Dew Point	Wind Direction	Wind Force	Sky	Temperature	Difference from Normal	Barometer	Difference from Normal	Temperature	Difference from Normal	Humidity	Difference from Normal	Rainfall 24 hours	Rainfall 30 hours	Rainfall 24 hours	Sea
	mm.	°C	°C				°C	°C	mm.	mm.	°C	°C	%	%	mm.	mm.	mm.	
ROME	1007.0	-10.2	-6.0	SE	2	4	12	+1	19	—	8	—	80	—	6	—	572	—
MALTA	1012.6	-7.0	-0.9	S	3	4	16	+2	18	-1	13	0	80	—	0	363	406	2
ATHENS	1013.5	-3.1	-0.1	S	1	0	14	+2	—	—	9	-2	50	—	—		316	
CANDIA	1015.4	-1.0	+1.1	W	1	0	18	+3	20	0	8	-5		—	0	489	428	1
DAMASSOL	1009.4	+4.3	-3.4	—	0	0	18	+1	21	-2	10	-1		—	0	371	432	3

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 23

sunset 18 25

From Observations taken at 8h. to-day.

Sunday 19th April, 1931 ١٩٣١ الأحد ١٩ ابريل

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8h.	Humidity Diff. from normal	Rainfall Amount	Rainfall Duration	Rainfall Since 1st Jan.	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1011.1	+1.3	-5.4	N	2	3	17.3	-2.3	-0.9	31		14		78	+12	0	51	96	3
MATRUH	1009.9	-1.5	-4.7	WNW	1	0	18.6	+0.6	+0.5	28	+5	15	+2	44	-26	0	174	157	0
ALEXANDRIA	1010.8	-3.4	-3.4	SSE	3	2	17.7	+3.6	-1.1	27	+3	13	-2	66	-3	0	93	188	3
PORT SAID	1011.9	-2.5	-1.0	E	3	3	18.8	+1.5	-1.0	20	-4	16	0	81	+14	0	57	77	3
GAZA																			
RAFA	1011.2	-1.6	-0.9	—	0	0	20.3	+2.0	-0.3	22	-2	12	-1	58	-2	0	663	636	2
JAFFA	1011.1	-3.7		NE	1	4	19.7	+3.7		25		9		63		0	32		
JERUSALEM	1009.9	-3.7	-3.6	NW	2	2	18.9	+1.5	-0.2	25	-4	12	-2	52	-12	0	16	30	
AMMAN	1010.2	-3.4	-4.0	NNW	1	2	18.2	+1.9	—	25	-4	11	0	61	—	0	21	28	
[illegible]	1010.0	-3.0	-3.8	NW	2	1	18.1	+2.3	-1.2	28	-1	14	0	46	-4	0	19	33	
[illegible]	1007.4	-4.0	-7.5	—	0	0	20.0	+2.9	+1.4	—	—	15	+3	77	+19	0	35	7	
[illegible]	1009.9	-2.8	-4.4	N	2	0	18.0	+1.0	-1.2	28	-1	14	-2	71	+1	0	28	25	2
[illegible]	1009.6	-1.9	-3.1	—	0	3	21.5	+1.5	-0.7	24	-4	11	-5	85	+19	0	11	14	3
[illegible]	1009.0	-1.8		NNW	5	0	23.5	+2.5		26		14		29		0	0		3
[illegible]	1009.5	-1.7		NNW	4	1	25.7	+1.7		26		19		26		0	15		3
[illegible]	1011.1	-2.9	-3.0	NW	1	0	20.0	+2.0	0.0	28	-2	14	+2	47	-5	0	17		
[illegible]	1010.4	-2.6		NW	1	0	18.7	+2.2	-1.0	27	-4	11	-3	48	-12				
[illegible]	1011.5	-1.6	-1.9	WSW	2	0	20.3	+2.5	-1.1	28	-4	14	-1	29	-14	0	7		
[illegible]	1010.3	-1.6		W	2	1	22.1	+3.2	-2.5	35	-1	17	0	32	-7				
[illegible]	1010.2	-1.2		NE	1	0	24.8	+3.9		32		21		21		0	1		
[illegible]	1010.2	-0.4	-2.0	—	0	3	21.0	+1.3	-4.6	34	-2	18	-1	49	+20				
[illegible]	1009.6	-0.6	-2.2	—	0	4	22.8	+3.6	-1.4	35	-2	16	-2	21	-3				
[illegible]	1008.3	-0.1	-2.1	NE	2	1	24.5	+2.5	+0.5	40	0	23	+2	8	-10	0	0	1	
[illegible]	1007.0	+0.6	-1.1	NNE	3	1	29.4	+1.3	+0.5	40	+1	23	+1	6	-10	0	3	5	
[illegible]	1009.9	-0.1	-0.9	NE	3	2	28.5	+1.3	0.0	32	0	22	0	40	-16	0	29	108	3
[illegible]	1008.7	+3.4	-1.0	NE	4	0	30.9	-0.3	+2.2	41	+2	15	-5	10	-20	0	17	22	

8 30 The depression is now situated east of Crete, and a shallow secondary centred near Siwa Oasis is approaching Lower Egypt. Pressure continues to fall except in the west of Egypt where a weak high pressure has formed.

يوجد الانخفاض الآن شرقي كريت وآخر ثانوي بالقرب من واحة سيوة يقترب من مصر السفلى ولا يزال الضغط آخذا في الهبوط الا في غرب مصر حيث تكون ارتفاع ضعيف.

20 NE
25 NNE
20 NNE
5 N

Forecast for 24 hours from noon to-day

Light variable winds, becoming southerly inland.
Clear at first; high cloud increasing.
Probably cooler tomorrow, but temperature remaining above normal.

رياح مختلفة الاتجاه تتحول الى جنوبية في الداخل
السماء صحو في البدء ثم يتكاثر السحاب العالي
يحتمل ان تهبط درجة الحرارة باكر ولكنها تستمر فوق المعدل.

STATION	Humidity Mean of Day	Humidity Diff. from normal	Temperature Mean of Day	Temperature Diff. from normal
	%	%	°C	°C
Alexandria	71	+4	14.6	-0.4
Ezbekiya	42	-10	13.1	-3.1
Giza	45	-3	13.1	—
Heiwan	38	-3	12.1	-1.6

NOTE. A dash means that figures are not available.

Terms of Subscription: Egypt and Post, P.T. 100 annually
" " Abroad P.T. 150

Remarks

Date	1931	1930
19.4	659	811
18.4	660	812

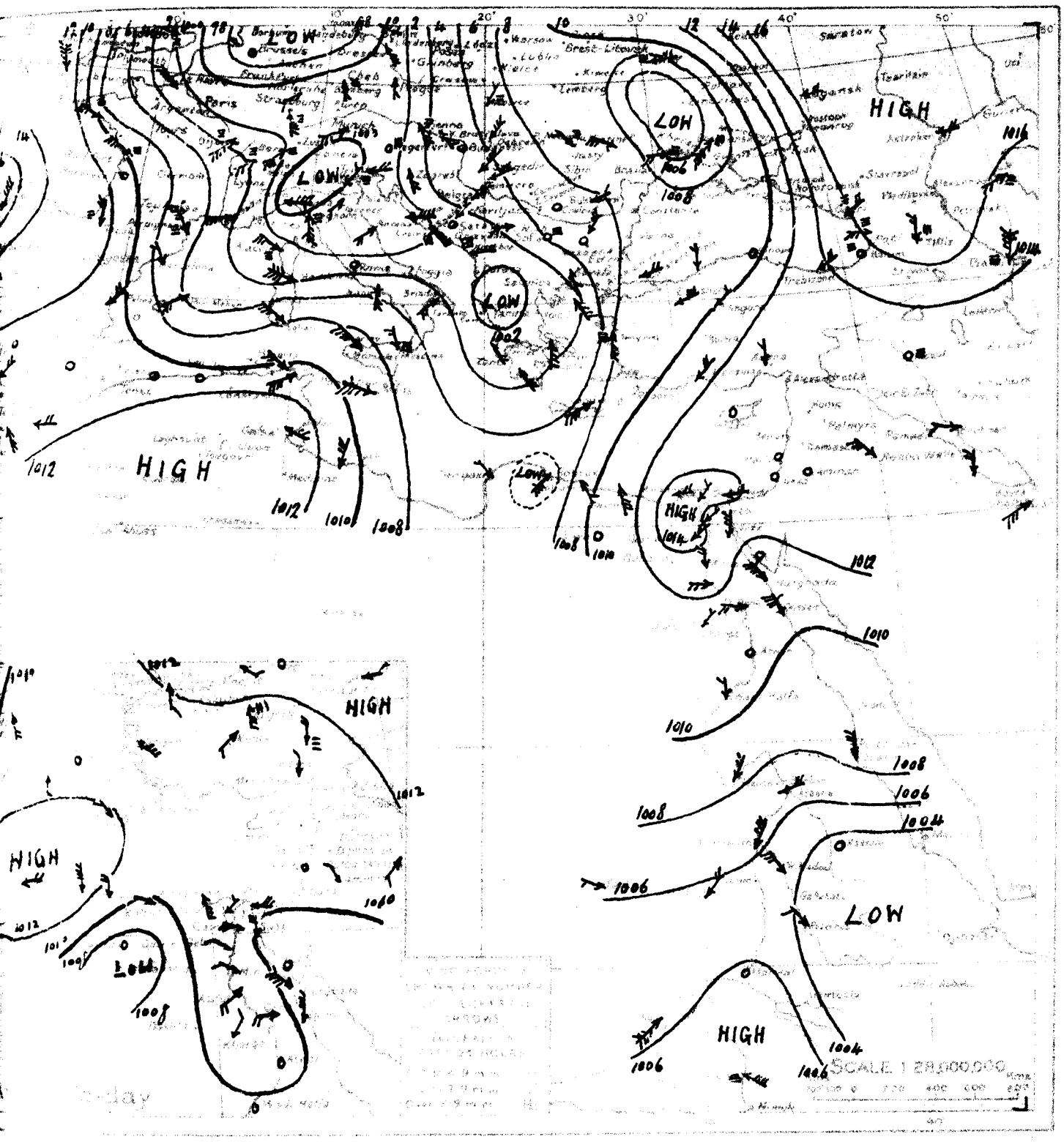
Station	Date	Reading	Diff. from normal	Reading	Diff. from normal
Luxor	18.4	13.36	+0.05	13.38	+0.06
Nasser	16.4	4.85	-0.75	4.87	-0.72
Malkal	18.4	9.74	-0.34	9.73	-0.35
Roseires	18.4	11.03	-0.32	11.03	-0.33
Sennar Res.	17.4	14.49	—	14.75	—
Makwar	17.4	4.75	-0.40	4.81	-0.33
Khartoum	18.4	10.13	+0.10	10.06	+0.03
Kh. el Girba					
Atbara	18.4	9.68	-0.23	9.66	-0.25
Wadi Halfa	19.4	0.86	-0.42	0.87	-0.41
Aswan Res.	19.4	109.62	—	109.68	—
" D.S.	19.4	85.10	-0.25	85.11	-0.24
El Lisht	19.4	16.86	-0.03	16.87	-0.03
Roda (Cairo)	19.4	15.77	+0.32	15.75	+0.30

PRINTED AT THE SURVEY OF EGYPT (Ref. 85/Misc/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٨-٤-٣١. Barometer and Wind at 8 h Yesterday 18.4.31.



WIND VELOCITY	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	20-28	4
Fresh	29-38	5
Strong	39-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane above	104	12

STATE OF SKY	
Clear	0
1 Clouded	1
1 Clouded	2
2 Clouded	3
Entirely clouded	4
Fog	5
Dust storm	6
Sand storm	7
Misty	8
Thunderstorm	9

STATE OF SEA
0
1
2
3
4
5
6
7
8
9

١٨-٤-٣١. From Observations taken at 8 h. on yesterday 18.4.31.

	Barometer	Air Temp.	Dew Point	Wind	Sky		Max.	Min.	Rainfall	Max.	Min.	Dew Point	Humidity	Rainfall				Sea
							°C	°C		°C	°C	°C	%		mm	mm	mm	
[illegible]	1003.9	-3.1	-9.1	—	0	2	9	-3		17	—	5	—	80	—	—	—	575	—
[illegible]	1008.1	-4.5	-5.4	WNW	5	2	14	-2		17	-2	12	-1	60	—	0	363	406	2
[illegible]	1003.8	-9.7	-9.8	S	3	4	14	0		—	—	—	—	70	—	—	—	316	—
[illegible]	1007.0	-8.4	-7.3	SW	4	3	16	-2		22	+1	12	-1	—	—	0	489	429	3
[illegible]	1012.6	+3.2	-0.2	—	0	1	17	-1		22	-1	6	-5	—	—	0	371	432	1
Kassala	1003.9	0.0	-3.5	—	0	0	32.0	-0.5	+0.2	43	+2	25	+2	41	+5	0	0	12	—
Wad Medani	—	—	—	NNW	3	0	31.0	-1.0	+0.9	43	+2	23	+1	13	-4	0	.8	14	—
El Fasher	1006.0	+0.4	—	WNW	1	0	26.0	-2.0	+0.5	41	+3	15	-3	13	-7	0	1	8	—
El Obeid	1005.3	-1.1	-4.4	NE	2	1	31.2	+3.3	+2.5	41	+2	15	-5	12	-17	0	17	22	—
Wau	1005.9	+1.1	-2.8	SW	7	0	31.2	-0.2	+5.0	39	+2	—	—	47	-21	0	153	212	—
Juba	1007.5	+1.9	—	SE	4	3	27.4	-0.2	—	40	—	24	—	71	—	2	185	245	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 22

" " sunset 18 26

From Observations taken at 8h. to-day.

Monday 20th April, 1931 ١٩٣١ الاثنين ٢٠ ابريل

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.5	+0.4	-3.0	ENE	1	4	16.2	-1.1	-2.2	21		12		85	+20	0	51	96	2
	MATRUH	1012.6	+2.7	-2.0	NNE	1	0	18.0	-0.6	-0.2	20	-3	15	+2	57	-13	0	174	157	0
	ALEXANDRIA	1011.9	+1.1	-2.5	NNE	2	2	19.2	+1.5	+0.3	29	+5	16	+1	82	+13	0	93	188	3
	PORT SAID	1011.0	-0.9	-1.9	NE	2	0	20.0	+1.2	0.0	23	-1	17	+1	81	+14	0	57	77	3
	GAZA	—	—	—	—	0	2	18.4	+1.6	-1.6	28	+4	[illegible]	+5	61	-3	0	238	370	
	HAIFA	1008.6	-2.6	-3.4	—	0	0	26.0	+5.7	+5.3	27	+2	15	+2	66	+6	0	663	636	2
LOWER EGYPT	TANTA	1011.2	+0.1		N	1	0	20.0	+0.3		33		13		72		0	32		
	CAIRO EZBEKIYA	1010.2	+0.3	-3.3	NNE	2	0	20.0	+1.1	+0.8	33	+4	15	+1	63	-1	drops	16	30	
	CAIRO GIZA	1010.3	+0.1	-3.9	NNW	2	0	18.3	+0.1	—	34	+5	12	+1	68	—	drops	21	28	
	CAIRO HELWAN	1009.5	-0.5	-4.3	NNW	2	0	19.7	+1.6	+0.3	33	+4	14	-1	50	0	0	19	33	
	SIWA	1011.4	+4.0	-3.4	—	0	0	16.0	-4.0	-2.7	—	—	11	-1	81	+24	0	35	7	
RED SEA	SUEZ	1008.3	-1.6	-5.9	N	2	0	24.0	+6.0	+4.7	34	+5	17	+1	39	-31	0	28	25	1
	TOR	1007.0	-2.6	-5.7	NW	1	0	23.1	+1.6	+0.8	29	+1	18	+2	84	+18	0	11	14	2
	HURGHADA	1007.2	-1.8		NW	5	0	27.2	+3.7		30		17		22		0	0		3
	QOSSEIR	1007.2	-2.3		NNW	5	1	25.5	-0.2		28		21		56		0	15		3
UPPER EGYPT	GERGA	1009.6	-1.5	-4.5	NE	3	0	24.0	+4.0	+3.8	35	+5	11	-2	37	-15	0	17		
	MINYA	1008.7	-1.7		NNE	2	0	22.0	+3.3	+2.0	34	+3	14	0	41	-19				
	ASSIUT	1008.4	-3.1	-4.9	WSW	2	0	21.9	+1.6	+0.3	34	+2	16	+1	35	-8	0	7		
	GIRGA	1007.8	-2.5		WSW	2	0	25.0	+2.9	+0.2	37	+1	17	0	22	-17				
	KHARGA	1007.5	-2.7		—	0	2	24.1	-0.7		37		22		29		0	1		
	ASWAN	1007.6	-2.6	-4.6	—	0	0	26.2	+5.2	+0.4	38	-1	21	+2	29	0				
[illegible]	[illegible]	1009.0	-0.6	-2.7	N	1	0	25.2	+2.4	+0.8	37	0	18	0	16	-8				
	[illegible]	1008.0	-0.3	-2.3	NE	1	0	30.0	+0.5	+0.9	40	0	19	-2	13	-5	0	0	1	
	[illegible]	1008.4	-1.0	-0.1	NNE	2	0	29.0	+2.0	-1.1	40	0	21	0	29	+15	0	0	2	
	[illegible]	1007.0	0.0	-1.1	—	0	0	28.5	-0.9	-0.5	40	0	21	-1	7	-9	0	3	5	
	[illegible]	1007.4	-2.5	-3.3	—	0	0	29.0	+0.5	+0.3	31	-1	18	-4	35	-20	0	29	108	1
	[illegible]	1003.8	+1.0	-3.8	—	0	0	33.0	+0.5	+2.7	44	+4	21	-1	39	+6	0	36	51	

TEMP F C

PRESS. Mm Mb

Upper Air Observations

Helwan at		8 30
500	35	NE
1000	40	ENE
1500	35	NE
2000	35	NNE
3000	35	NE

General Situation

The desert depression passed over Egypt last evening and is now situated east of the Gulf of Akaba. High pressure extends from the Black Sea to western Egypt, but over the central Mediterranean there is a deep depression and pressure west of Egypt is again falling.

الحالة العامة

منخفض الصحراء على مصر ليلة أمس وهو بقع الآن شرق خليج العقبة وهناك ضغط مرتفع يمتد من البحر الأسود الى غرب مصر ولكن يوجد انخفاض عميق فوق اواسط البحر الأبيض والضغط على مصر آخذ في الهبوط ثانية.

Forecast for 24 hours from noon to day.

Northeast to east winds, moderate on the coast, moderate to fresh inland.
Clear or occasional high cloud.
Remaining warm.

توقعات لمدة ٢٤ ساعة من الظهر الى ظهر الغد

رياح شمالية شرقية الى شرقية معتدلة على الساحل وما بعد المعتدلة والنسيم في الداخل - السماء صحو او تظهر بعض السحب العالية - يستمر الطقس دافئا.

STATION	Humidity Mean of Day		Air Temperature Mean of Day	
	Yester day	Diff from normal	Yester day	Diff from normal
	%	%	°C	°C
Alexandria	75	+8	17.1	+2.0
Ezbekiya	48	-4	16.0	-0.3
Giza	51	+3	16.8	—
Helwan	40	-1	15.4	+1.6

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec		
DATE	1931	1930
19.4	659	811
18.4	660	812

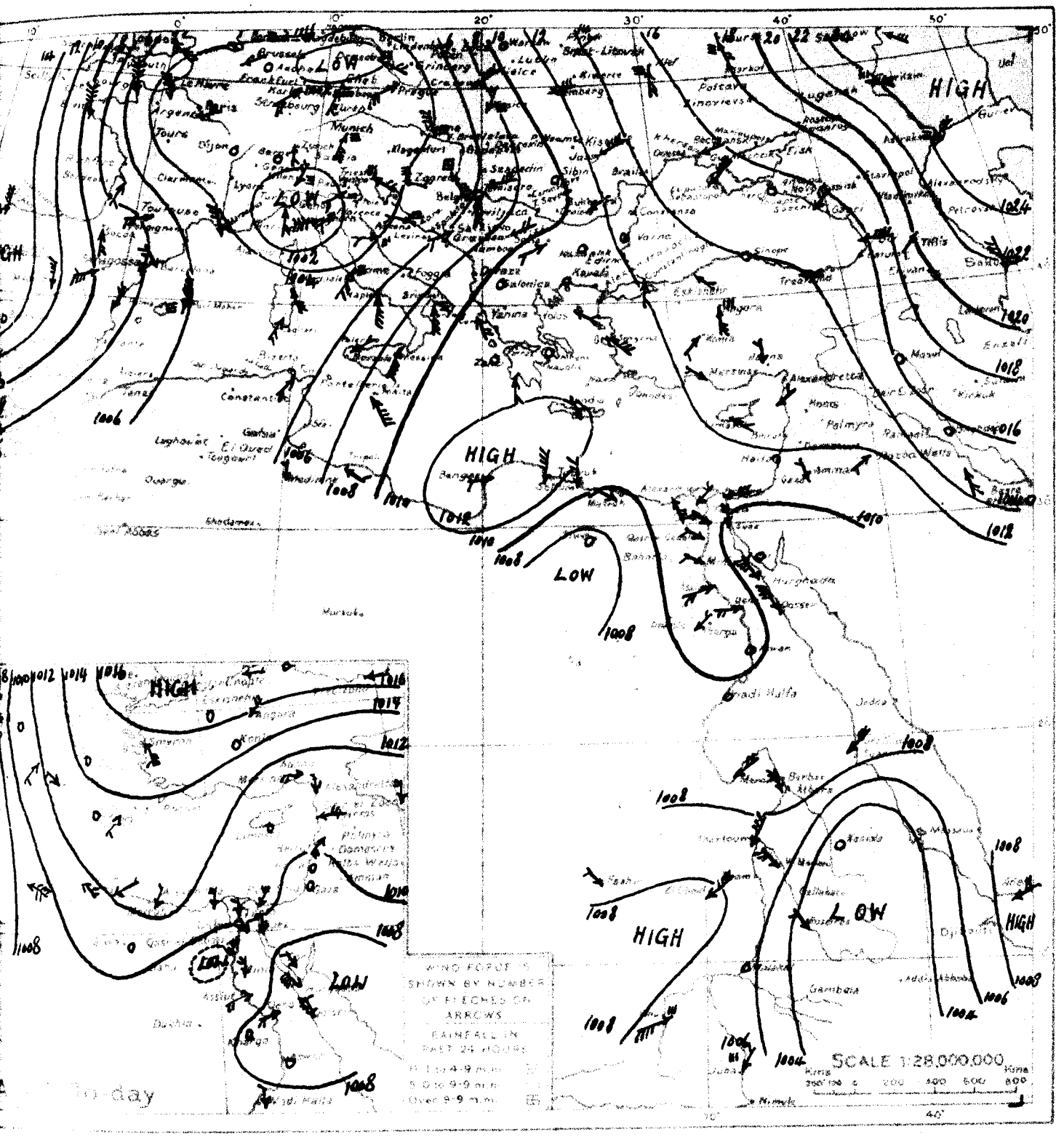
GAUGE	Date	Reading	Diff from normal	Rise	Diff from normal
	1931	m.	m.	m.	m.
Juba	19.4	13.36	+0.03	13.36	+0.05
Nasser	18.4	4.83	-0.78	4.85	-0.75
Malakal	19.4	9.73	-0.35	9.74	-0.34
Roseires	19.4	11.03	-0.31	11.03	-0.32
Sennar Res.	19.4	14.04	—	14.25	—
Makwar	19.4	4.68	-0.49	4.74	-0.42
Khartoum	20.4	10.11	+0.07	10.15	+0.11
Kh. el Girba					
Atbara	19.4	9.70	-0.21	9.68	-0.23
Wadi Halfa	19.4	0.86	-0.42	0.87	-0.41
Aswan Res.	19.4	109.62	—	109.68	—
" D.S	19.4	85.10	-0.25	85.11	+0.24
El Leithi	20.4	16.86	-0.03	16.86	+0.03
Roda (Cairo)	20.4	15.75	+0.30	15.77	+0.31

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩-٤-٣١ Barometer and Wind at 8 h. Yesterday 19.4.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩-٤-٣١ From Observations taken at 8 h. yesterday 19.4.31.

	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff. from normal	Temperature Max.	Temperature Diff. from normal	Temperature Min.	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1st yesterday	Rainfall Normal from Oct. 1st to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1004.8	+0.9	-8.3	SW	3	4	14	+5	—	17	—	8	—	80	—	9	—	577	—
MALTA	1009.3	+1.2	-4.3	SSE	4	2	16	+2	—	17	-2	11	-2	80	—	0	363	407	2
ATHENS	1011.2	+7.4	-2.4	—	0	0	14	0	—	—	—	10	-2	50	—	—	—	317	—
CANDIA	1012.0	+5.0	-2.3	NW	1	1	17	+1	—	23	+2	11	-2	—	—	0	489	430	1
LIMASSOL	1012.2	-0.4	-0.6	SE	1	1	19	+2		21	-2	9	-2	—	—	0	371	433	4
EGYPT AND SUDAN																			
Atbara	1009.4	+1.5	+0.8	NNW	3	2	27.0	-4.0	-3.0	41	+1	24	+3	34	+20	0	0	2	—
Kassala	1002.2	-1.7	-5.1	—	0	0	33.0	+1.0	+1.1	42	+1	22	-1	30	-6	0	0	12	—
Wad Medani	1006.3	—	-1.4	NNW	3	0	33.0	+2.0	+2.8	43	+1	24	+2	10	-7	0	8	14	—
Roseires	1002.8	-0.2	-4.8	NNW	1	0	32.5	+0.5	+2.2	44	+4	22	0	41	+9	0	36	51	—
El Fasher	1006.4	+0.4	—	NW	1	0	28.5	+2.5	+2.9	41	+3	18	0	10	-10	0	1	8	—
Malakal	1007.6	+0.9	-1.7	—	0	1	30.4	-2.6	+1.6	40	+2	23	0	53	+3	0	107	113	—
Wau	1006.3	+0.4	-2.4	WSW	4	0	27.3	-3.9	+1.1	38	+1	24	+2	68	0	6	159	214	—
Juba	1007.8	+0.3	—	NE	1	4	26.5	-0.9	—	38	—	24	—	74	—	7	192	249	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 5h 21m

" sunset 18h 26m

From Observations taken at 8h. to-day.

Tuesday 21st April, 1931 ١٩٣١ الثلاثاء ٢١ أبريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to date (Inches)	Rainfall: Total from Oct. 1 to yesterday (Inches)	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		in	mm	mm	
MEDITERRANEAN	SOLLUM	1012.6	+1.1	-3.9	NE	2	4	17.1	+0.9	-1.4	21	—	15	—	93	+28	2	53	96	4
	MATRUH	1014.7	+2.1	+0.2	NW	1	4	18.8	+0.8	+0.5	19	-4	14	0	37	-33	0	174	157	0
	ALEXANDRIA	1013.0	+1.1	-1.2	NE	1	2	19.3	+0.1	+0.2	25	+1	16	+1	84	+15	0	93	188	2
	PORT SAID	1012.4	+1.4	-0.5	N	2	1	20.9	+0.9	+0.8	24	0	17	+1	83	+16	0	57	77	1
	GAZA	—	—	—	S	1	0	21.4	+3.0	+1.2	24	-1	13	+1	64	0	0	238	370	—
	HAIFA	1009.5	+0.9	-2.5	—	0	0	20.5	-5.5	-0.3	29	+4	16	+3	66	+6	0	663	637	2
LOWER EGYPT	TANTA	1012.7	+1.5	—	N	1	3	19.2	-0.8	—	33	—	15	—	81	—	0	32	—	—
	CAIRO / EZBEKIYA	1011.6	+1.4	-1.8	NNE	1	1	20.0	0.0	+0.7	33	+4	16	+2	72	+8	0	16	30	—
	CAIRO / GIZA	1011.0	+1.5	-2.3	NNW	1	2	18.8	+0.5	—	33	+4	14	+2	84	—	0	21	28	—
	CAIRO / HELWAN	1011.4	+1.9	-2.3	NW	1	3	18.7	-1.0	-0.9	34	+5	16	+1	68	+18	0	19	33	—
	SIWA	1011.1	-0.3	-3.7	E	0	0	23.0	+7.0	+4.1	—	—	—	—	75	+18	0	35	7	—
RED SEA	SUEZ	1011.0	+2.7	-3.1	N	2	2	20.0	-4.0	+0.5	33	+4	17	+1	79	+9	0	28	25	1
	TOR	1009.9	+2.9	-2.7	NW	2	1	24.0	+0.9	+1.6	30	+2	20	+4	82	+16	0	11	14	2
	HURGHADA	1009.0	+2.6	—	NNW	5	0	26.2	1.0	—	33	—	17	—	37	—	0	0	—	3
	QOSSEIR	1010.6	+3.4	—	N	5	0	27.2	+1.7	—	31	—	21	—	37	—	0	15	—	4
UPPER EGYPT	GEBALI	1012.6	+3.0	-1.4	N	1	0	21.0	-3.0	+0.6	36	+6	12	-1	53	+1	0	17	—	—
	MINYA	1011.2	+2.5	—	N	1	0	22.0	0.0	+1.8	34	+3	16	+2	54	-5	—	—	—	—
	ASYUT	1011.9	+3.5	-1.4	WNW	2	0	23.5	+1.6	+1.7	34	+2	18	+2	42	-1	0	7	—	—
	QENA	1011.1	+3.3	—	NNW	2	2	25.5	+0.5	+0.6	38	+2	17	0	23	-16	—	—	—	—
	KHARGA	1010.2	+1.7	—	NNE	2	0	29.0	+4.9	—	36	—	21	—	20	—	0	1	—	—
	ASWAN	1010.6	+3.0	—	—	0	0	24.5	-1.7	-1.5	38	+1	19	0	18	-11	—	—	—	—
SUDAN	WADI HALFA	1009.9	+0.9	-1.8	—	0	0	22.8	-2.4	-1.9	38	+1	15	-3	20	-4	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1008.6	+1.6	+0.5	NNE	2	0	28.0	-0.5	-1.2	39	-1	21	-1	13	-3	0	3	5	—
EQUATORIAL SUDAN	PORT SUDAN	1010.0	+2.6	-0.7	N	1	0	27.8	-1.2	-1.1	34	+2	19	-3	58	+3	0	29	108	1
	KASSALA	1003.5	+0.3	-3.8	—	0	0	30.5	-1.0	-1.5	41	0	19	-4	16	-20	0	0	12	—
	WAD MEDANI	1008.8	+1.8	+1.2	NNW	5	0	32.0	0.0	+1.6	42	0	21	-1	13	-4	0	8	14	—
	ROSEIRES																			—
	EL FASHER	1006.4	+0.8	—	NNW	1	1	29.0	+1.0	+3.2	41	+3	16	-3	14	-7	0	1	8	—
	EL OBEID																			—
	MALAKAL																			—
	WAU																			—
	JUBA																			—

Upper Wind Observations at Helwan at 8 15

Height (feet)	Speed (knots)	Direction
500	20	E
1000	15	ENE
1500	10	NE
2000	20	NNW
3000	30	NW

General Situation

Lower Egypt is an area of relatively high pressure, but a depression now situated south of Benghazi is approaching. A deep depression centred over northern Italy extends over Central Europe.

الحالة العمومية

الضغط السفلى الآن منطقة ارتفاع نسبي ولكن هناك انخفاض جنوب بنغازي وهو مقبل وآخر عميق الغور مركزه شمال ايطاليا ممتد فوق أواسط اوروبا.

Forecast for 24 hours from noon to-day.

Light variable winds, becoming easterly and freshening. Some high cloud increasing. Remaining warm. Moderate Khamsin conditions developing.

توقعات لمدة ٢٤ ساعة من الظهر اليوم والليلة التالية

رياح خفيفة مختلفة الاتجاه تتحول الى شرقية وتشتد نوعاً. تكاثر السحب العالي. يستمر الطقس مائلاً للدفء. سيكون الطقس خمسينياً متوسطاً.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	82	+15	17.7	+2.5
Ezbekiya	50	-2	17.3	+0.9
Giza	52	+4	17.2	—
Helwan	38	-3	15.7	+1.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
21.4	627	809
20.4	661	806

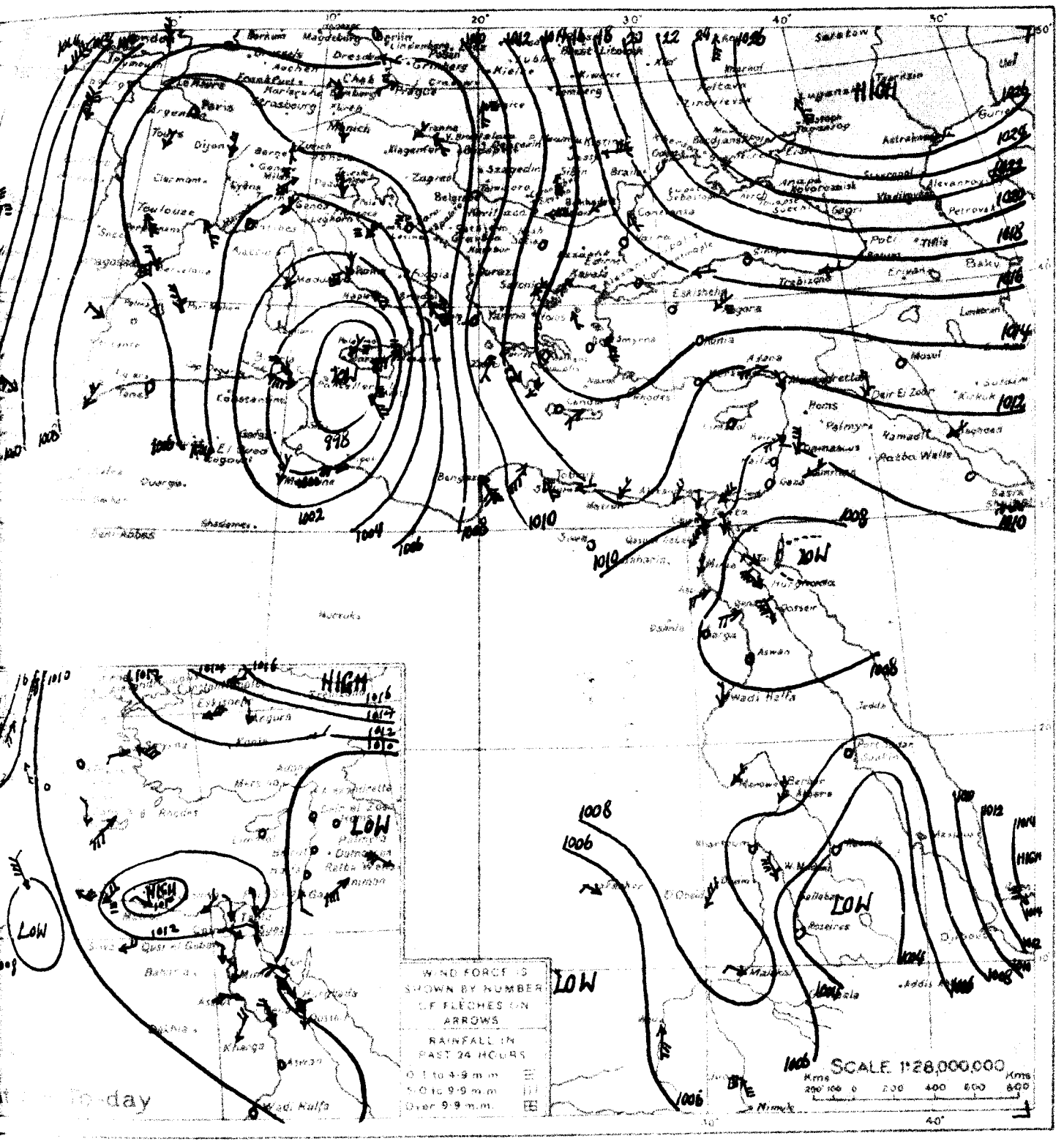
GAUGE	Date 1931	Reading m	Diff. from normal m.	Previous day: Reading m	Previous day: Diff. from normal m
Juba	20.4	13.42	+0.07	13.36	+0.03
Nasser	19.4	4.85	-0.77	4.83	-0.79
Malakal	20.4	9.73	-0.35	9.73	-0.35
Roseires	21.4	11.02	-0.30	11.02	-0.31
Sennar Res.	20.4	13.82	—	14.04	—
Makwar	20.4	4.67	-0.51	4.68	-0.49
Khartoum	20.4	10.11	+0.07	10.16	+0.11
Kh. el Girba					
Atbara	20.4	9.75	-0.16	9.70	-0.21
Wadi Halfa	20.4	0.87	-0.40	0.86	-0.42
Aswan Res.	21.4	109.49	—	109.57	—
" D.S.	21.4	85.04	-0.32	85.10	-0.25
El Leithi	21.4	16.86	-0.02	16.86	-0.03
Roda (Cairo)	21.4	15.77	+0.33	15.75	+0.31

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٤-٢٠ Barometer and Wind at 8 h. Yesterday 20.4.31



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٤-٢٠ From Observations taken at 8 h yesterday 20.4.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1001.4	-3.4	-11.7	NE	2	5	10	-4	—	16	—	10	—	90	—	25	—	579	—
	MALTA	996.2	-13.1	-17.4	SE	3	4	18	+2	—	19	-1	15	+2	60	—	Tr.	343	408	2
	ATHENS	1014.2	+3.0	+0.6	—	0	8	15	+1	—	—	—	10	-2	70	—	—	—	318	—
	CANDIA	1013.6	+1.6	-0.7	SW	1	4	18	+1	—	22	+1	10	-3	—	—	0	489	430	1
	LIMASSOL	1010.3	-1.9	-2.5	—	0	0	23	+4		23	0	9	-2	—	—	0	371	434	2
EGYPT and SUDAN	Kassala كسلا	1003.2	+1.0	-4.1	—	0	0	31.5	-1.5	-0.4	42	+1	20	-3	32	-4	0	0	12	—
	Wad Medani ود مدني	1007.0	+0.7	-0.6	NNW	5	0	32.0	-1.0	+1.7	42	0	22	0	8	-9	0	8	14	—
	El Fasher الفاشر	1005.6	-0.8	—	WNW	1	0	28.0	-0.5	+2.3	42	+4	18	0	17	-3	0	1	8	—
	El Obeid الابيض	1009.0	+0.3	-0.7	NE	3	1	32.0	+1.1	+3.2	40	+1	15	-5	13	-17	0	17	22	—
	Malakal الملاكال	1008.2	+0.6	-1.2	WNW	1	1	29.1	-1.3	+0.8	42	+4	23	0	55	+4	0	107	113	—
	Wau واو	1007.1	+0.8	-1.6	S	3	0	25.7	-1.6	-0.5	39	+2	23	+1	75	+7	0	159	216	—
	Juba جوبا	1007.6	-0.2	—	SSE	3	2	25.7	-0.8	—	39	—	22	—	82	—	39	231	253	—

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 05 20

" sunset 18 27

From Observations taken at 8h. to-day.

Wednesday 22nd April, 1931 ١٩٣١ الاربعاء ٢٢ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st September last	Rainfall: Total since 1st October last	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
NORTHERN	SOLLUM	1011.4	-1.2	-5.1	—	0	2	20.1	+0.6	+1.4	33	—	17	—	83	+18	0	53	96	0
	MATRUH	1010.8	-3.9	-3.6	—	0	0	24.0	+5.2	+5.6	27	+4	16	+2	27	-45	0	174	157	0
	ALEXANDRIA	1012.0	-1.0	-2.2	E	1	0	20.3	+1.0	+1.1	25	0	17	+2	74	+5	0	93	188	2
	PORT SAID	1011.9	-0.5	-0.9	ENE	2	0	21.3	+0.4	+1.1	25	+1	18	+2	71	+4	0	57	77	1
	GAZA	—	—	—	—	0	0	22.8	+1.4	+2.5	26	+1	16	+4	60	-4	0	238	371	
	HAIFA	1009.4	-0.1	-2.6	ENE	1	0	25.2	+4.7	+4.3	27	+2	15	+2	61	+1	0	663	637	1
CENTRAL	TANTA	1011.9	-0.8	—	NE	1	0	21.4	+2.2	—	33		15		65		0	32		
	ZAGAZIGIA	1011.1	-0.5	-2.3	—	0	0	23.9	+3.9	+4.4	34	+5	17	+3	37	-27	0	16	30	
	BENI SUEF	1011.4	-0.4	-2.7	—	0	0	21.3	+2.5	—	33	+4	13	+1	65	—	0	21	28	
	MINIEH	1011.4	0.0	-2.3	—	0	0	22.1	+3.4	+2.4	32	+3	18	+3	44	-6	0	19	33	
	ASSIUT	1009.5	-1.6	-5.3	—	0	2	23.5	+0.5	+4.4	—	—	19	+6	63	+6	0	35	7	
RED SEA	SUEZ	1010.0	-1.0	-4.1	N	3	3	21.0	+1.0	+1.4	34	+5	17	+1	65	-5	0	28	25	2
	TOR	1010.0	+0.1	-2.5	NW	2	0	23.5	-0.5	+0.9	30	+2	19	+3	79	+13	0	11	14	2
	HURGHADA	1009.5	-0.3		NNW	5	0	27.5	+1.3		31		20		33		0	0		3
	QOSEIR	1010.2	-0.4		N	4	0	29.0	+1.8		30		23		30		0	15		3
UPPER EGYPT	[illegible]	1011.9	-0.7	-2.1	NW	1	0	24.2	+3.2	+3.6	34	+3	12	-1	36	-15	0	17		
	[illegible]	1011.0	-0.2		—	0	0	24.0	+2.0	+3.5	33	+2	17	+3	42	-17				
	[illegible]	1011.9	0.0	-1.3	WSW	2	0	25.0	+1.5	+3.1	35	+3	18	+2	40	-3	0	7		
	[illegible]	1010.6	-0.5		WNW	1	0	26.2	+0.7	+1.1	38	+2	19	+2	31	-8				
	[illegible]	1011.1	+0.9		—	0	0	25.7	-3.3		38		18		31		0	1		
	[illegible]	1010.7	+0.1	-1.3	—	0	0	27.3	+2.8	+1.1	39	+2	21	+2	32	+3				
	[illegible]	1010.6	+0.7	-1.0	—	0	0	26.6	+3.8	+1.7	40	+3	18	0	25	+1				
	[illegible]	1009.9	+0.8	-0.3	NE	2	0	31.0	+3.0	+1.5	41	+1	22	+1	13	-5	0	0	1	
	[illegible]	1008.8	+0.2	+0.7	N	1	0	28.0	0.0	-1.3	40	0	21	-1	9	-7	0	3	5	
	[illegible]	1011.1	+1.1	+0.5	—	0	0	30.8	+3.0	+1.8	36	+4	20	-2	27	-27	0	29	108	1
	[illegible]	1008.7	+2.3		WNW	1	0	24.5	-4.5	-1.4	42	+4	13	-6	7	-14	0	1	8	
	[illegible]	1008.6	+1.9	-1.0	NNE	2	1	31.3	-2.7	+1.9	40	+1	—	—	13	-18	0	17	22	
	[illegible]	1010.7	+1.9	+1.2	S	2	1	28.1	-3.9	-0.6	42	+4	24	+1	58	+5	0	107	115	

Synopsis

8 45 The desert depression, which is now situated near Siwa Oasis, has become shallower. Pressure to the west of Egypt has risen. A depression over Iraq has deepened, and there is little pressure-gradient over Egypt and the Near East.

يقع الآن انخفاض الصحراء على واحة سيوه وقد تضاءل والضغط في غرب مصر آخذ في الصعود وقد ازداد الانخفاض على العراق ألوان تدرج الضغط على مصر والشرق القريب ضئيل.

Forecast for 24 hours from noon to-day

20 NE
20 N
20 NNW
30 NW
40 NW

Light winds variable in direction. Some high cloud, increasing. Temperature remaining above normal.

رياح خفيفة مختلفة الاتجاه - يكثر السحاب المرتفع وتستمر درجة الحرارة فوق المعدل.

STATION	Humidity: Mean of day	Humidity: Diff. from normal	Actinometer: Mean of day	Actinometer: Diff. from normal
	%	%	°	°
Alexandria	80	+12	18.1	+2.9
Ezbekiya	54	+2	17.5	+1.0
Giza	62	+14	17.6	—
Helwan	41	+1	15.6	+1.7

NOTE. A dash means that figures are not available.

Terms of Subscription: By Inland Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Aswan measured by current meter in cubic metres per sec.

DATE	1931	1930
21.4	627	809
20.4	661	806

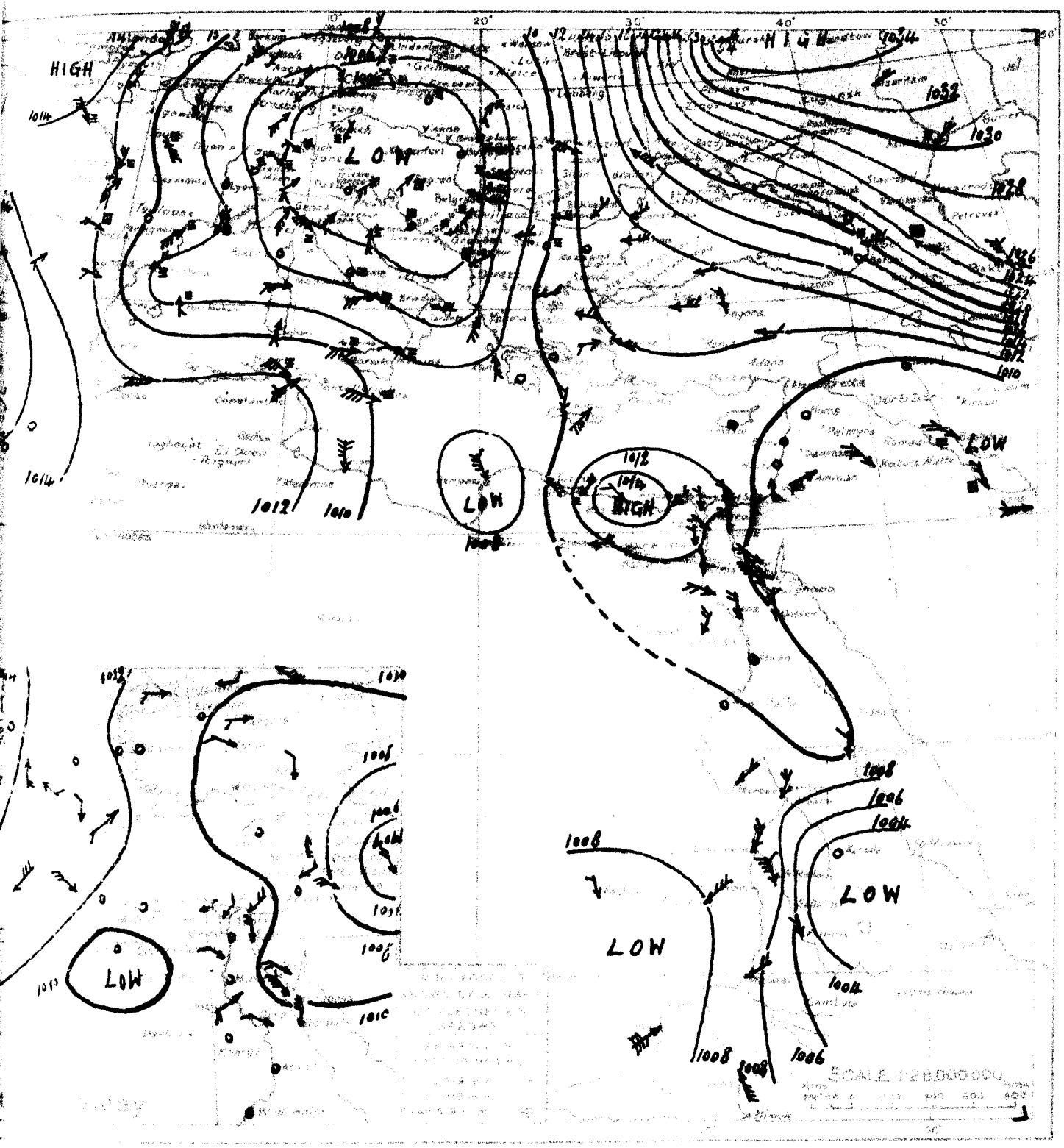
Station	Date	Reading	Diff. from normal	Reading	Diff. from normal
		m	m	m	m
Juba	21.4	13.41	+0.05	13.42	+0.07
Nasser	20.4	4.64	-0.78	4.85	-0.77
Malakal	21.4	9.72	-0.35	9.79	-0.35
Roseires	21.4	11.02	-0.30	11.02	-0.31
Sennar Res.	21.4	13.58	—	13.82	—
Makwar	21.4	4.66	-0.52	4.67	-0.51
Khartoum	21.4	10.05	+0.01	10.11	+0.07
Kh. el Girba					
Atbara	21.4	9.78	-0.12	9.75	-0.16
Wadi Halfa	21.4	0.86	-0.40	0.87	-0.40
Aswan Res.	21.4	109.49	—	109.57	-0.25
" D.S.	21.4	85.04	-0.32	85.10	-0.01
El Leithi	22.4	16.84	-0.04	16.86	-0.33
Roda (Cairo)	22.4	15.77	+0.33	15.77	+0.33

PRINTED AT THE SURVEY OF EGYPT 1930 (29,969/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٣١ Barometer and Wind at 8 h. Yesterday 21.4.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
[illegible] clouded	1
[illegible] Clouded	2
[illegible] Clouded	3
Entirely clouded	4
Raining	5
Sand nuts	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
[illegible]	2
[illegible]	3
[illegible]	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٤-٣١ From Observations taken at 8 h. yesterday 21.4.31

	Barometer	Observation	Difference	Wind	Force	Sky	Temperature							Humidity		Rainfall			Sea
	Reduced to Sea Level	Observation	Difference	Direction	Force	Sky	At 8 h.	Diff. from normal	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	At 8 h.	Diff. from normal	Rain 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]	1005.4	+4.0	-7.7	—	0	4	12	+2	—	15	—	10	—	80	—	2	—	581	—
[illegible]	1009.8	+13.6	-4.0	WNW	4	5	15	-3	—	21	+1	13	0	80	—	drops	363	408	2
[illegible]	1011.1	-3.1	-2.5	—	0	3	16	+1	—	—	—	—	—	70	—	—	—	319	—
CANDIA	1010.6	-3.0	-3.6	SW	3	2	24	+6	—	20	-1	14	+1	—	—	0	489	431	2
LIMASSOL	1010.8	+0.5	-2.0	—	0	3	21	-2		26	+2	11	0	—	—	0	371	434	1
Merowe مروي	1009.1	+1.1	-1.2	NE	1	0	28.0	-2.0	-1.3	41	+1	19	-2	17	-1	0	0	1	—
Atbara عطبرة	1008.7	+0.3	+0.2	NNE	2	0	30.0	+1.0	-0.2	40	0	20	-1	23	+9	0	0	2	—
Roseires الرصيرص	1004.8	+1.0	-2.9	N	1	1	30.5	-2.5	+0.3	43	+3	21	-1	24	-9	0	36	52	—
El Obeid الأبيض	1006.7	-2.3	-2.9	NE	3	2	34.0	+2.0	+5.1	41	+2	19	-1	16	-14	0	17	22	—
Malakal الملكال	1008.8	+0.6	-0.6	NE	2	0	32.0	+2.9	+3.3	41	+3	22	-1	14	-38	0	107	114	—
Wau [illegible]	1006.3	-0.8	-2.5	WSW	7	0	31.8	+6.1	+5.7	39	+2	25	+3	48	-20	0	159	218	—
Juba جوبا	1008.4	+0.8	—	SSE	4	3	27.3	+1.6	—	37	—	24	—	66	—	—	231	257	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 19

sunset 18 27

From Observations taken at 8h. to-day.

Thursday 23rd April, 1931 — ١٩٣١ — الخميس ٢٣ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Total same date last year	Sea
		m.b	m.b	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	—	—	—	NW	1	3	17.8	-2.3	-1.0	26	—	14	—	69	+4	0	53	97	1
	MATRUH	1015.8	+5.0	+1.4	NW	3	3	17.2	-6.8	-1.4	25	+2	16	+2	55	-16	0	174	157	2
	ALEXANDRIA	1013.9	+1.9	-0.2	S	1	2	19.8	-0.5	+0.5	32	+7	17	+2	59	-10	0	93	188	2
	PORT SAID	1014.6	+2.7	+1.8	ESE	2	0	21.9	+0.6	+1.6	25	+1	18	+2	63	-4	0	57	77	1
	GAZA	—	—	—	—	0	0	20.7	-2.1	+0.3	27	+2	15	+3	42	-22	0	238	371	—
	HAIFA	1012.6	+3.2	+0.7	SSW	2	0	22.3	-2.9	+1.2	27	+2	13	0	59	-1	0	663	638	1
LOWER EGYPT	TANTA	1014.2	+2.3	—	NE	1	4	22.7	+1.3	—	34	—	15	—	51		0	32	—	—
	CAIRO: EZBEKIYA	1013.5	+2.4	+0.2	NNE	1	1	24.9	+1.0	+5.2	34	+5	16	+2	37	-27	0	16	30	—
	GIZA	1014.0	+2.6	-0.1	NE	1	2	25.3	+4.0	—	34	+5	15	+3	38	—	0	21	28	—
	HELWAN	1013.5	+2.1	-0.2	NE	6	1	25.6	+3.5	+5.7	33	+4	17	+2	20	-30	0	19	33	—
	SIWA	1012.4	+2.9	-2.3	—	0	0	23.4	-0.1	+4.1	—	—	20	+7	64	+7	0	35	7	—
RED SEA	SUEZ	1013.9	+3.9	-0.1	N	3	0	21.5	+0.5	+1.7	34	+5	19	+3	46	-24	0	28	25	3
	TOR	1012.0	+2.0	-0.5	—	0	0	24.1	+0.6	+1.4	31	+2	17	0	83	+16	0	11	14	1
	HURGHADA	1011.8	+2.3	—	NNW	5	0	27.3	-0.2	—	34	—	17		32		0	0		3
	QOSSEIR	1011.9	+1.7	—	N	3	0	30.0	+1.0	—	31	—	25		25		0	15		2
UPPER EGYPT	GEBAL	1014.2	+2.3	+0.3	NE	2	0	23.8	-0.4	+3.0	35	+4	12	-1	49	-2	0	17		
	MINYA	1012.8	+1.8	—	ESE	2	0	25.0	+1.0	+4.3	36	+4	16	+2	31	-27				
	ASYUT	1013.4	+1.5	+0.2	W	2	0	24.7	-0.3	+2.7	36	+4	19	+3	39	-3	0	7		
	QENA	1012.6	+2.0	—	N	1	0	26.2	0.0	+1.0	39	+2	20	+3	26	-12				
	KURNA	1012.8	+1.7	—	—	0	0	29.2	+3.5	—	39	—	19		29		0	1		
	ASWAN	1012.7	+2.0	+0.7	—	0	0	26.5	-0.8	+0.2	38	+1	21	+2	26	-3				
	[illegible]	1011.1	+0.5	-0.4	—	0	0	28.4	+1.8	+3.3	41	+4	20	+2	24	0				
	[illegible]	1010.4	+0.5	+0.2	NE	2	0	33.0	+2.0	+3.3	43	+3	22	0	12	-6	0	0	1	
	[illegible]	1010.6	+1.0	+2.2	N	2	0	31.0	+2.0	+0.5	42	+2	22	+1	25	+11	0	0	2	
	[illegible]	1010.4	+1.6	+2.3	NNE	1	0	31.8	+3.8	+2.4	40	0	24	+2	11	-5	0	3	5	
	[illegible]	1011.2	+0.1	+0.6	—	0	0	32.1	+1.3	+3.0	36	+4	21	-1	17	-37	0	29	108	1
	[illegible]	1007.9	-0.8		WNW	1	0	28.0	+3.5	+2.0	42	+4	16	-3	17	-4	0	1	8	
	[illegible]	1009.6	+1.0	0.0	NNE	2	1	32.0	+0.7	+3.0	41	+2	19	-1	14	-17	0	17	22	

General Situation

Pressure continues to rise and a system of high pressure now extends from the central Mediterranean towards Egypt, with an extensive but shallow depression over the Black Sea and Asia Minor. The depression over southwest Iraq is filling up.

لا يزال الضغط يرتفع وهناك ارتفاع ممتد من وسط البحر الابيض نحو مصر والانخفاض متسع ولكنه قريب الغور فوق البحر الاسود وآسيا الصغرى اما الانخفاض الذى بالجنوب الغربى من العراق فآخذ فى الامتلاء.

9 00

1000	10	ENE
1000	30	NE
1000	45	NNE
1000	55	NNE
1000		

Forecast for 24 hours from noon to day.

Winds chiefly north and northeast, light to moderate.
Some high cloud.
Cooler tomorrow, but temperature remaining above normal.

رياح بين الخفيفة والمعتدلة اكثرها شمالية وشمالية شرقية
بعض السحب العالى - تهبط درجة الحرارة باكر
ولكن تستمر فوق المعدل.

STATION	Humidity: Mean of day		Wind Velocity: Mean of day	
	Yesterday	Diff from normal	Yesterday	Diff from normal
	%	%	m/s	m/s
Alexandria	67	-1	18.4	+3.1
Ezbekiya	29	-23	17.4	+0.8
Giza	45	-3	18.0	—
Helwan	30	-10	16.8	+2.8

NOTE. A dash means that figures are not available.

Terms of Subscription by Inland Post, PT. 100 annually
" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec.		
DATE	1931	1930
22.4	626	810
21.4	627	809

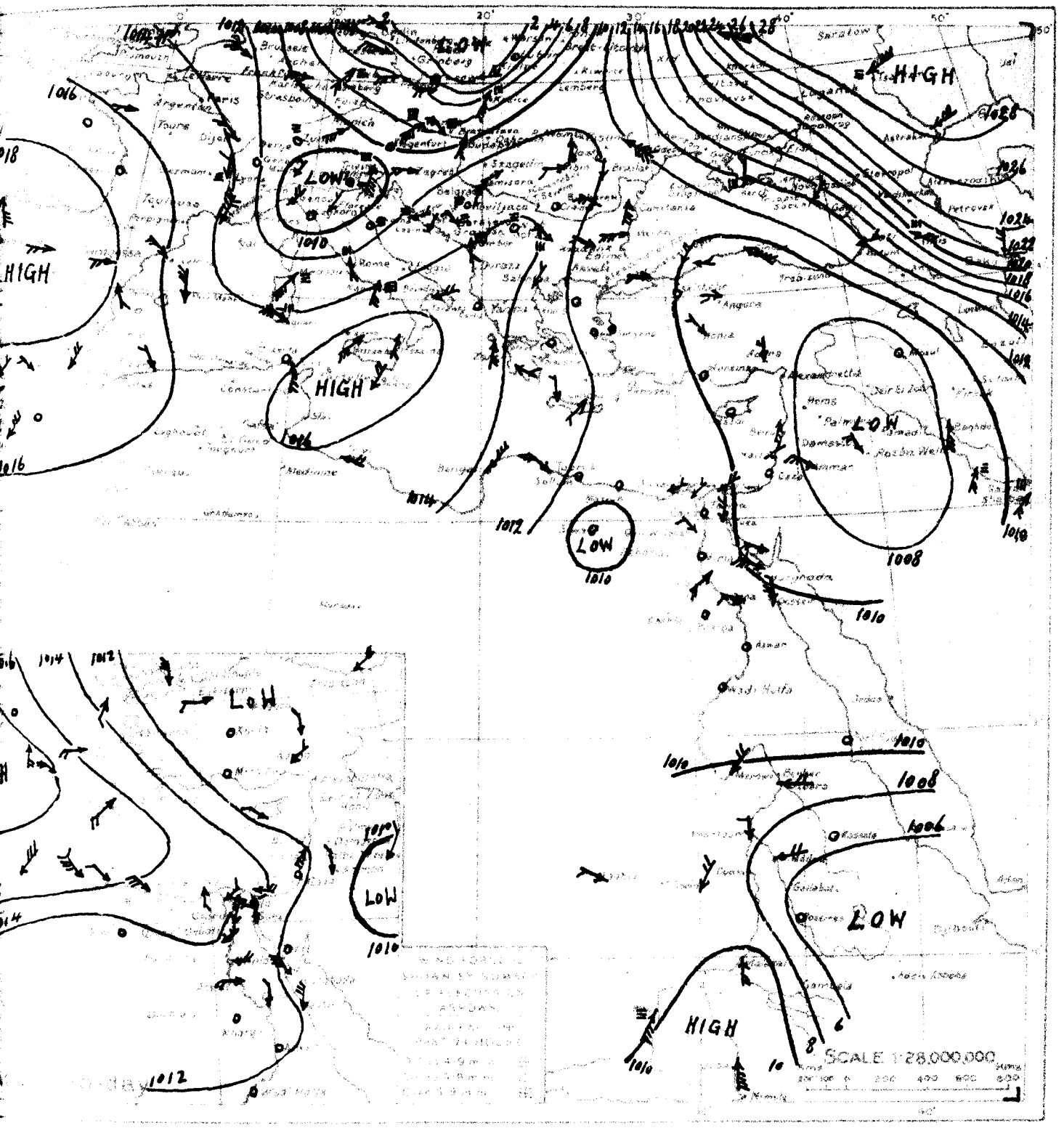
GAUGE	Date	Reading	Diff from normal	Reading	Diff from normal
	1931	m	m	m	m
Duba	22.4	13.42	+0.05	13.41	+0.05
Nasser	21.4	4.87	-0.74	4.84	-0.78
Malakal	22.4	9.71	-0.36	9.72	-0.35
Roseires	23.4	11.03	-0.29	11.02	-0.29
Sennar Res.	22.4	12.84	—	13.58	—
Makwar	22.4	5.08	-0.11	4.66	-0.52
Khartoum	22.4	10.03	-0.02	10.05	+0.01
Kh. el Girba					
Atbara	22.4	9.80	-0.10	9.78	-0.12
Wadi Halfa	22.4	0.86	-0.39	0.86	-0.40
Aswan Res.	22.4	109.43	—	109.49	—
" D.S.	22.4	85.04	-0.32	85.04	-0.32
El Lahiti	23.4	16.84	-0.03	16.84	-0.04
Roda (Cairo)	23.4	15.77	+0.33	15.77	+0.33

PRINTED AT THE SURVEY OF EGYPT (326/20/4.931) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٢٢ Barometer and Wind at 8 h. Yesterday 22.4.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Partly clouded	4
Fog bank	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٢١-٤-٢٢ From Observations taken at 8 h. yesterday 22.4.31.

	Barometer at 8 h.	Barometer Diff. from Yesterday	Barometer Diff. from Normal	Wind Direction	Wind Force	Sky	Air at 8 h.	Air Diff. from Yesterday	Air Diff. from Normal	Max.	Diff. from Normal	Min.	Diff. from Normal	Humidity at 8 h.	Humidity Diff. from Normal	Rainfall Rain 24 hours	Rainfall Total Rainfall Jan. 1st to yesterday	Rainfall Normal Rainfall Jan. 1st to yesterday	Sea
	mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C	%	%	mm.	mm.	mm.	
[illegible]	1012.0	+6.6	-1.3	S	1	4	12	0	—	16	—	9	—	80	—	8	—	584	—
[illegible]	1016.2	+6.4	+2.4	NNE	2	0	14	-1	—	16	-4	11	-2	70	—	0	363	409	1
[illegible]	1012.3	+1.2	-1.3	—	0	0	17	+1	—	—	—	12	0	60	—	—	—	319	—
[illegible]	1012.8	+2.2	-1.4	SW	1	0	22	-2	—	28	+7	14	+1	—	—	0	489	432	2
[illegible]	1008.8	-2.0	-4.0	—	0	0	22	+1		28	+4	9	-2	—	—	0	371	435	0
Atbara	1009.6	+0.9	+1.1	E	2	0	29.0	-1.0	-1.4	40	0	19	-2	24	+10	0	0	2	—
Kassala	1006.6	+3.1	-0.7	—	0	0	30.0	-0.5	-2.0	41	0	18	-5	25	-11	0	0	12	—
Wad Medani	1006.8	-2.0	-0.8	E	2	0	30.5	-1.5	0.0	41	-1	20	-2	10	-7	0	8	14	—
Roseires	1005.8	+1.0	-1.9	—	0	0	33.0	+2.5	+2.8	43	+3	—	—	44	+10	0	36	52	—
Wau	1009.9	+3.6	+1.1	SSW	3	1	24.6	-7.2	-1.5	39	+2	22	0	79	+10	2	161	220	—
Juba	1010.7	+2.3	—	S	4	3	25.2	-2.1	—	30	—	23	—	71	—	0	231	260	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 18 m

" " sunset 18 h 28 m

From Observations taken at 8h. to-day.

Friday 24th April 1931 ١٩٣١ الجمعة ٢٤ أبريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		mm	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	~~1017.5~~	—	+1.2	—	0	0	17.8	0.0	-1.2	24	—	14	—	81	+16	0	53	97	0
	MATRUH	1019.2	+3.4	+4.9	NNE	2	0	18.4	+1.2	-0.3	20	-3	16	+2	52	-19	0	174	157	2
	ALEXANDRIA	1018.8	+4.9	+4.7	NW	2	3	20.2	+0.4	+0.8	28	+3	17	+1	61	-8	0	93	188	3
	PORT SAID	1017.4	+2.8	+4.6	N	1	0	21.9	0.0	+1.4	28	+4	18	+2	66	-1	0	57	78	1
	GAZA	—	—	—	—	0	1	21.6	+0.9	+1.0	29	+4	15	+2	67	+3	0	228	371	
	HAIFA	1014.2	+1.6	+2.3	ESE	3	0	23.6	+1.3	+2.4	27	+2	14	+1	61	+1	0	663	638	1
LOWER EGYPT	TANTA	1017.8	+3.6	—	NNW	1	2	21.3	-1.4	—	34	—	15	—	55	—	0	32		—
	CAIRO: EZBEKIYA	1016.7	+3.2	+3.4	N	2	1	21.8	-3.1	+2.0	35	+6	17	+3	47	-16	0	16	31	—
	CAIRO: GIZA	1017.2	+3.2	+3.1	N	2	3	21.3	-4.0	—	34	+4	14	+2	54	—	0	21	28	—
	CAIRO: HELWAN	1016.6	+3.1	+3.0	NNE	4	0	22.1	-3.5	+2.1	34	+4	17	+2	50	0	0	19	33	—
	SIWA	1016.3	+3.9	+1.6	—	0	0	16.7	-6.7	-2.7	—	—	16	+3	88	+31	0	35	7	—
RED SEA	SUEZ	1015.8	+1.9	+1.9	N	3	1	22.8	+1.3	+2.8	34	+5	18	+2	47	-23	0	28	25	2
	TOR	1013.9	+1.9	+1.5	NW	1	1	23.8	-0.3	+1.0	30	+1	18	+1	85	+18	0	11	14	1
	HURGHADA	1014.7	+2.9	—	NNW	4	0	27.0	-0.3	—	32	—	20	—	31	—	0	0		2
	QOSSEIR	1014.6	+2.7	—	NNW	5	0	27.5	-2.5	—	30	—	23	—	41	—	0	15		3
UPPER EGYPT	GEBALI	1016.8	+2.6	+2.9	NE	4	0	23.0	-0.8	+2.0	36	+5	11	-2	52	+2	0	17		—
	MINYA	1015.0	+2.2	—	NNW	2	0	24.0	-1.0	+3.2	36	+4	15	+1	23	-35				—
	ASYUT	1014.2	+0.8	+1.1	SW	1	0	26.5	+1.8	+4.4	34	+1	20	+4	32	-10	0	7		—
	QENA	1013.9	+1.3	—	ENE	3	0	28.4	+2.2	+3.0	39	+2	21	+4	17	-21				—
	KHARGA	1013.5	+0.7	—	—	0	1	~~27.7~~	-1.5	—	38	—	21	—	39	—	0	1		—
	ASWAN	1013.9	+1.2	+2.0	—	0	3	26.3	-0.2	-0.1	39	+2	22	+3	23	-6				—
NORTH SUDAN	WADI HALFA	1012.3	+1.2	+0.9	—	0	0	29.6	+1.2	+4.3	41	+3	23	+5	17	-7				—
	MEROWE	1011.1	+0.7	+1.0	NE	3	0	32.5	+0.5	+2.6	42	+2	22	0	9	-8	0	0	1	—
	ATBARA	1011.5	+0.9	+3.1	E	2	0	31.0	0.0	+0.4	41	+1	22	0	19	+5	0	0	3	—
	KHARTOUM	1010.8	+0.4	+2.8	E	2	0	29.8	-2.0	+0.2	40	0	22	0	11	-5	0	3	5	—
CENTRAL SUDAN	PORT SUDAN	1013.8	+2.6	+3.3	—	0	0	31.1	-1.0	+1.9	35	+3	19	-3	23	-30	0	29	108	1
	KASSALA	1007.9	+0.1	+0.6	—	0	0	33.5	+1.5	+1.4	41	0	24	0	17	-19	0	0	13	—
	WAD MEDANI	1010.0	+1.3	+2.4	N	4	0	33.0	0.0	+2.4	42	0	24	+2	16	-6	0	8	15	—
	ROSEIRES	1007.0	0.0	-0.8	—	0	0	29.0	-3.5	-1.1	43	+3	20	-2	19	-16	0	36	53	—
SOUTH SUDAN	EL FASHER	—	—	—	NNE	1	0	33.0	+5.0	+6.9	42	+4	16	-3	10	-11	0	1	8	—
	EL OBEID	1008.6	-1.0	-1.0	NNE	2	0	35.0	+3.0	+5.9	43	+4	21	+1	21	+1	0	17	22	—
	MALAKAL	1009.6	-1.2	0.0	NNW	1	0	30.2	+0.1	+1.6	41	+3	23	0	40	0	0	107	116	—
	WAU	1009.4	-0.2	+0.6	SSW	7	0	31.0	+2.2	+4.9	39	+3	26	+4	53	+4	0	161	224	—
	JUBA	1010.6	-1.3	—	S	5	3	27.0	+1.5	—	35	—	24	—	64	—	0	231	268	—

Upper Wind Observations at Helwan at h. m.

Height (metres)	Km. an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	73	+5	17.1	+1.7
Ezbekiya	34	-18	17.1	+0.4
Giza	33	-15	17.5	—
Helwan	17	-23	15.3	+1.2

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
24.4	626	810
23.4	628	810

GAUGE	Date 1931	Reading m	Diff from normal m	Previous day: Reading m	Previous day: Diff from normal m
Juba	24.4	13.59	+0.21	13.53	+0.15
Nasser	23.4	4.92	-0.67	4.90	-0.70
Malakal	22.4	9.71	-0.36	9.72	-0.35
Roseires	23.4	11.03	-0.29	11.02	-0.29
Sennar Res.	24.4	11.01	—	12.00	—
Makwar	24.4	4.98	-0.22	5.04	-0.15
Khartoum	22.4	10.03	-0.02	10.05	+0.01
Kh. el Girba					
Atbara	22.4	9.80	-0.10	9.78	-0.12
Wadi Halfa	22.4	0.86	-0.39	0.86	-0.40
Aswan Res.	24.4	109.31	—	109.38	—
" D.S.	24.4	85.04	-0.33	85.04	-0.32
El Leithi	23.4	16.84	-0.03	16.84	-0.04
Roda (Cairo)	23.4	15.77	+0.33	15.77	+0.33

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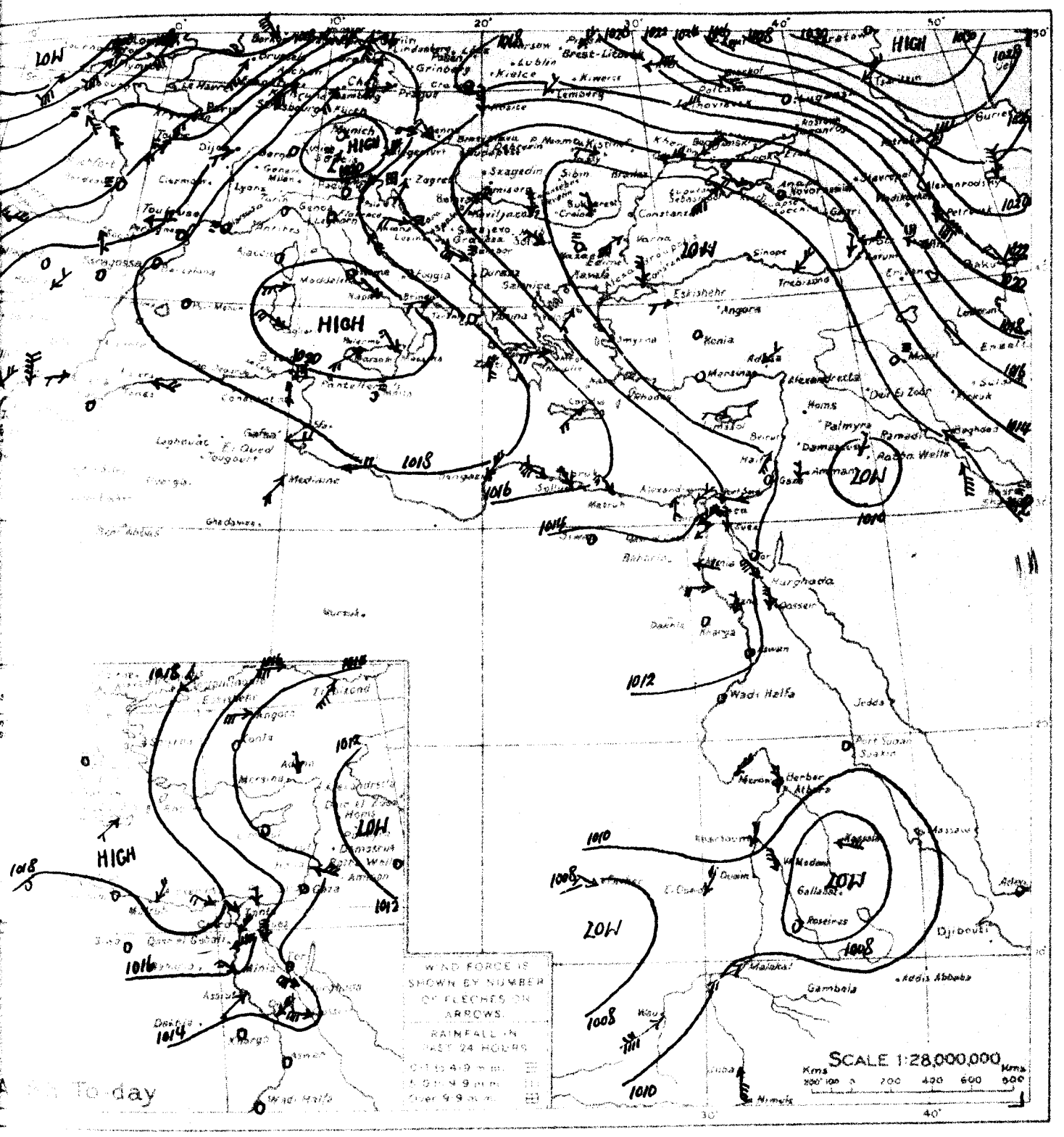
PHYSICAL DEPARTMENT.

REPORT.

٢٣-٤-٣١ Barometer and Wind at 8 h. Yesterday 23.4.31



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٣-٤-٣١ From Observations taken at 8 h. yesterday 23.4.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1020.3	+8.3	+7.0	—	0	0	10	-2	—	15	—	—	—	80	—	—	—	586	—
MALTA	1019.7	+3.5	+5.8	—	0	4	14	0	—	17	-3	11	-2	70	—	dr.	363	410	1
ATHENS	1015.8	+3.5	+2.2	W	2	3	17	0	—	—	—	13	+1	40	—	—	—	820	—
CANDIA	1017.6	+4.8	+3.4	SW	2	3	20	-2	—	25	+4	13	0	—	—	0	489	432	2
LIMASSOL	1011.1	+2.3	-1.7	WNW	1	0	21	-1		27	+3	10	-1	—	—	0	371	436	1
Kassala كسلا	1007.8	+1.2	+0.5	ESE	3	0	32.0	+2.0	-0.1	42	+1	20	-3	14	-22	0	0	12	—
Wad Medani ود مدني	1008.7	+1.9	+1.1	N	3	0	33.0	+2.5	+2.5	43	+1	25	+3	14	-3	0	8	14	—
Roseires الروصيرص	1007.0	+1.2	-0.7	—	0	0	32.5	-0.5	+2.4	42	+2	20	-2	36	+2	0	36	53	—
Malakal الملاكل	1010.8	+0.1	+1.3	SW	2	0	30.1	+2.0	+1.5	40	+2	25	+2	52	-2	0	107	115	—
Wau واو	1009.6	-0.3	+0.8	SW	7	0	28.8	+4.2	+2.7	36	0	24	+2	62	-7	0	161	222	—
Juba جوبا	1011.9	+1.2	—	S	4	3	25.5	+0.3	—	36	—	22	—	72	—	0	231	264	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 17

" sunset 18 28

From Observations taken at 8h. to-day.

Saturday 25th April, 1931 ١٩٣١ السبت ٢٥ ابريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h. °C	Temperature: Change in past 24 hours °C	Temperature: Diff from normal °C	Temperature: Maximum Yesterday °C	Temperature: Diff from normal °C	Temperature: Minimum °C	Temperature: Diff from normal °C	Humidity: At 8 h. %	Humidity: Diff from normal %	Rainfall: Past 24 hours mm	Rainfall: Total from Oct. 1st mm	Rainfall: Normal from Oct. 1st mm	SEA
MEDITERRANEAN	SOLLUM	1017.4	-0.1	+1.1	NNE	1	0	18.3	+0.5	-0.8	25		14		77	+12	0	53	97	1
	MATRUH	1018.2	-1.0	+3.9	NE	1	0	18.2	-0.2	-0.6	21	-2	13	-1	50	-21	0	174	157	2
	ALEXANDRIA	1018.2	-0.6	+4.1	NW	2	2	19.2	-1.0	-0.3	24	-1	16	0	72	+3	0	93	188	2
	PORT SAID	1017.4	0.0	+3.7	NE	1	1	20.0	-1.9	-0.6	25	+1	16	0	63	-4	0	57	78	2
	GAZA	—	—	—	—	0	0	19.7	-1.9	-1.1	27	+2	14	+1	71	+7	0	238	371	
	HAIFA	1014.8	+0.6	+3.0	—	0	3	21.9	-1.7	+0.5	24	-1	15	+1	57	-3	0	663	638	3
LOWER EGYPT	TANTA	1017.8	0.0		N	1	2	19.4	-1.9		29		13		61		0	32		
	EZBEKIYA	1017.0	+0.3	+3.7	NNE	2	2	19.8	-2.0	-0.2	31	+2	14	0	57	-6	0	16	31	
	GIZA	1017.2	0.0	+3.2	NNE	2	3	19.0	-2.3	—	30	0	11	-1	63	—	0	21	28	
	HELWAN	1017.0	+0.4	+3.4	E	3	2	19.4	-2.7	-0.7	31	+1	15	0	51	+1	0	19	33	
	SIWA	1017.1	+0.8	+2.4	—	0	0	21.0	+4.3	+1.4	—	—	17	+4	78	+22	0	35	7	
RED SEA	SUEZ	1015.9	+0.1	+2.1	N	4	2	19.0	-3.8	-1.1	30	0	17	+1	76	+7	0	28	25	3
	TOR	1013.9	0.0	+1.6	NW	5	0	22.0	-1.8	-0.9	30	+1	19	+2	74	+7	0	11	14	5
	PORT NUMBER	1014.6	-0.1		NNW	5	0	25.0	-2.0		34		20		55		0	0		3
	GOSNER	1013.8	-0.8		N	5	0	26.7	-0.8		31		23		37		0	15		4
[illegible]	[illegible]	1017.4	+0.6	+3.6	NE	4	0	20.4	-2.6	-0.8	33	+2	11	-2	53	+3	0	17		
[illegible]	[illegible]	1015.6	+1.4	+2.5	WNW	2	0	22.8	-3.7	+0.6	37	+4	18	+2	38	-4	0	7		
[illegible]	[illegible]	1013.8	-0.1		NNE	2	0	27.1	-1.3	+1.6	39	+2	22	+5	20	-18				
[illegible]	[illegible]	1013.1	-0.4		NE	1	0	26.5	-1.2		40		21		24		0	1		
[illegible]	[illegible]	1012.3	-1.6	+0.4	—	0	0	26.6	+0.3	0.0	40	+3	22	+2	33	+4				
[illegible]	[illegible]	1011.6	-0.7	+0.2	—	0	0	27.6	-2.0	+2.2	41	+3	21	+3	29	+5				
[illegible]	[illegible]	1011.8	+0.7	+1.7	NE	2	0	32.0	-0.5	+2.0	42	+2	23	+1	6	-11	0	0	1	
[illegible]	[illegible]	1011.5	0.0	+3.1	NE	2	0	31.0	0.0	+0.3	40	0	21	-1	22	+8	0	0	3	
[illegible]	[illegible]	1010.6	-0.2	+2.6	—	0	0	29.0	-0.8	-0.7	40	0	23	0	16	0	0	3	5	
[illegible]	[illegible]	~~1012.2~~	+2.2	+4.6	N	4	0	30.5	-2.5	-0.1	42	0	21	-2	19	+1	0	8	15	

8 30 Egypt is an area of high pressure. A shallow depression centred east of Malta is approaching and pressures west of Egypt are weakening.

مصر منطقة ضغط مرتفع ويوجد انخفاض قليل العمق في شرق مالطا آخذ في الاقتراب والضغط في غرب مصر في الهبوط.

[illegible]	25	NE
[illegible]	30	NNE
[illegible]	30	NNE
[illegible]	30	N

Forecast for 24 hours from noon to-day.

Northeast to east winds, light on the coast, moderate inland.
Clear or occasional high cloud.
Slightly warmer tomorrow.

رياح ما بين الشمالية الشرقية والشرقية خفيفة على الساحل ومعتدلة في الداخل - السماء صحو او يظهر بعض السحاب العالي احيانا - يميل الطقس قليلا للدفء باكر.

STATION	Humidity Mean of 24 hours		Temperature Mean of 24 hours	
	Yesterday	Diff from normal	Today	Diff from normal
	%	%	°C	°C
Alexandria	63	-5	15.9	+0.4
Ezbekiya	36	-16	16.1	-0.7
Giza	38	-10	15.9	—
Helwan	32	-8	15.0	+0.8

NOTE A dash means that figures are not available

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Remarks

Discharges of Nile measured by Sudan CIS per sec.	1931	1930
DATE		
24.4	626	810
23.4	628	810

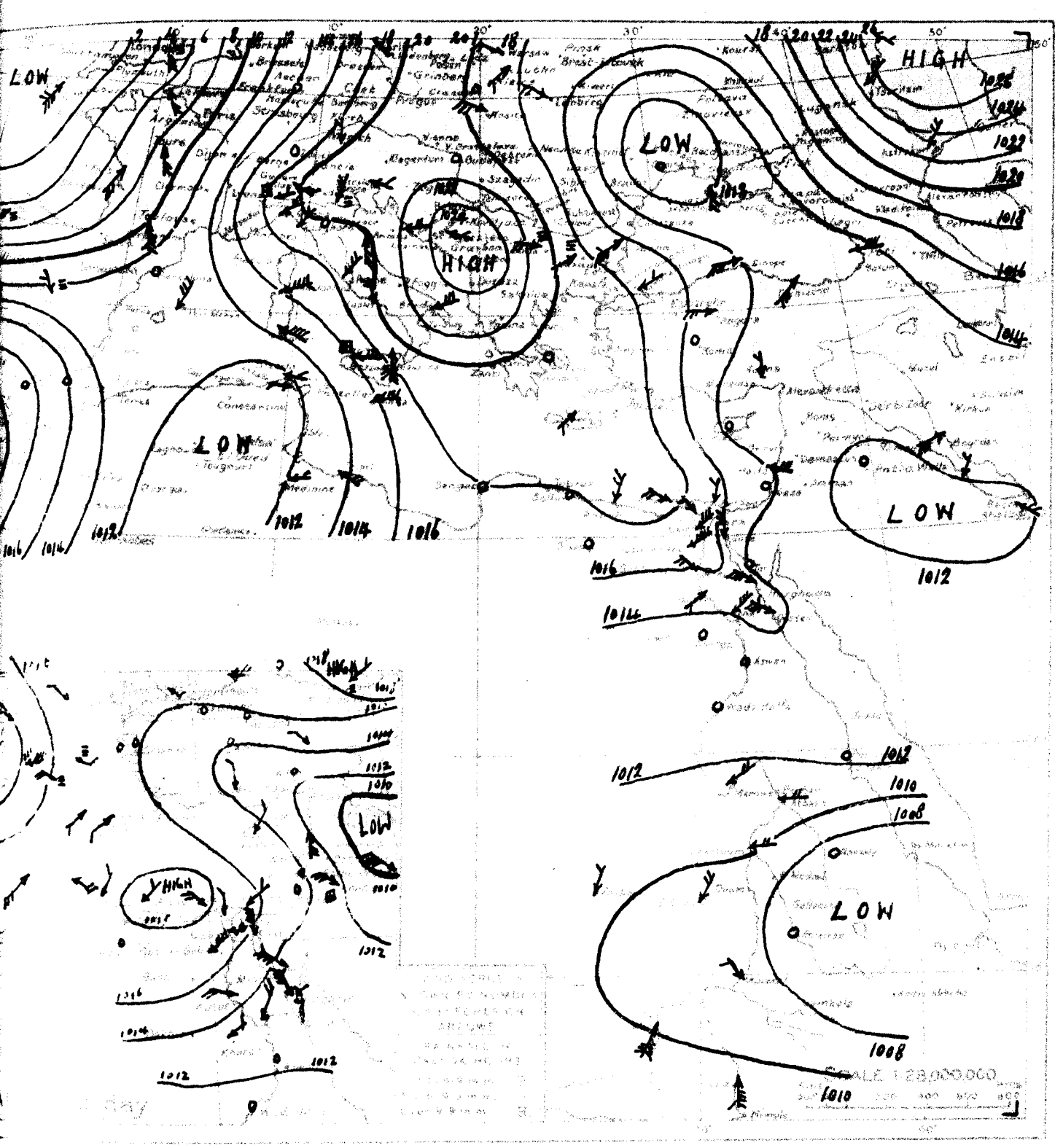
STATION	Date	Reading	Diff from normal	Reading	Diff from normal
Luxor	24.4	13.59	+0.21	13.53	+0.15
Nag'er	23.4	4.92	-0.67	4.90	-0.70
Maniqal	24.4	9.70	-0.37	9.71	-0.36
Rosaires	24.4	11.02	-0.31	11.03	-0.29
Sennar Res.	24.4	11.01	—	12.00	—
Makwar	24.4	4.98	-0.22	5.04	-0.15
Khartoum	24.4	9.97	-0.08	10.00	-0.05
Kh. el Gireif					
Atbara	24.4	9.81	-0.09	9.81	-0.09
Wadi Halfa	24.4	0.89	-0.35	0.86	-0.34
Aswan Res.	24.4	109.31	—	109.38	—
" D.S.	24.4	85.04	-0.33	85.04	-0.37
El Leithi	25.4	16.80	-0.06	16.80	-0.07
Roda (Cairo)	25.4	15.73	+0.29	15.75	+0.31

PRINTED AT THE SURVEY OF EGYPT 1930(20/569/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٢٤ Barometer and Wind at 8 h. Yesterday 24.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٢١-٤-٢٤ From Observations taken at 8 h. yesterday. 24.4.31.

	Barometer at 0 level	Diff. from normal	Diff. from yesterday	Wind Direction	Force	Sky	Temp. at 8 h.	Diff. from normal	Diff. from yesterday	Max.	Diff. from normal	Min.	Diff. from normal	Humidity at 8 h.	Diff. from normal	Rainfall Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	Sea
	mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
[illegible]	1019.5	-0.8	+6.1	NE	2	4	10	0	—	17	—	6	—	80	—	—		588	—
[illegible]	1016.0	-3.7	+2.1	E	5	4	16	+2	—	18	-2	15	+2	80	—	0	363	410	3
[illegible]	1019.9	+4.1	+6.3	—	0	3	15	-2	—	—	—	—	—	40	—	—		321	—
[illegible]	1019.2	+1.6	+5.0	SW	1	1	22	+2	—	25	+4	12	-1	—	—	0	489	433	2
[illegible]	1013.4	+2.3	+0.6	—	0	0	19	-2	—	24	0	7	-5	—	—	0	371	436	0

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 16 m

" " sunset 18 h 29 m

From Observations taken at 8h. to-day.

Sunday 26th April, 1931 ١٩٣١ الأحد ٢٦ ابريل

	STATION	Barometer Reduced to Sea Level	Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall 24 hours	Total since 1st Oct.	Total last year	Sea
		mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.3	-4.1	-2.9	NNW	2	4	18.1	-0.2	-1.1	28	—	16	—	74	+9	0	53	97	3
	MATRUH	1012.3	-5.9	-2.0	NW	5	4	18.6	+0.4	-0.3	23	-1	18	+4	46	-25	drops	174	157	5
	ALEXANDRIA	1012.2	-6.0	-1.9	NE	1	4	19.0	-0.2	-0.6	26	+1	16	0	64	-5	0	93	188	1
	PORT SAID	1014.3	-3.1	+1.6	SSE	2	4	20.9	+0.9	+0.2	24	0	17	0	69	+2	0	57	78	1
	GAZA																			
	HAIFA	[illegible]	—	—	—	0	4	20.2	-1.7	-1.3	22	-3	15	+1	58	-2	0	663	639	3
LOWER EGYPT	TANTA	1012.3	-5.5		E	1	4	21.8	+2.4		30		15		47		0	32		
	MOUSHEREFA	1012.0	-5.0	-1.2	WNW	1	4	21.9	+2.1	+1.8	30	0	16	+2	45	-18	0	16	31	
	GIZA	1012.7	-4.5	-1.3	NNW	1	3	20.8	+1.8	—	29	-1	12	0	51	—	0	21	28	
	HELWAN	1012.3	-4.7	-1.3	—	0	3	22.4	+3.0	+2.1	30	0	18	+3	34	-16	0	19	33	
	SIWA																			
RED SEA	SUEZ	1011.9	-4.0	-1.8	N	2	4	20.5	+1.5	+0.2	29	-1	16	0	55	-14	0	28	25	2
	TOR	1010.3	-3.1	-1.5	NW	3	0	23.5	+1.5	+0.5	29	0	15	-2	79	+12	0	11	14	3
	HURGHADA	1011.1	-3.5		NNW	5	0	26.0	+1.0		29		17		38		0	0		3
	QUSSEIR	1011.0	-2.8		N	4	0	27.5	+0.8		30		22		33		0	15		2
UPPER EGYPT	[illegible]	1012.8	-4.6	-1.0	NW	1	0	21.5	+1.1	+0.1	32	+1	15	+2	46	-4	0	17		
	MINIA	1011.8	—		N	1	0	23.0	—	+1.8	32	0	15	+1	52	-6				
	ASIUT	1012.7	-2.9	-0.3	W	2	0	22.6	-0.2	+0.2	35	+2	18	+2	28	-14	0	7		
	[illegible]	1012.3	-1.5		NNW	2	0	24.3	-2.8	-1.4	39	+2	19	+1	24	-14				
	[illegible]	1010.7	-2.4		NNE	1	0	27.6	+1.1		39		19		19		0	1		
	ASWAN	1010.2	-2.1	-1.6	—	0	0	27.7	+1.1	+0.9	40	+2	23	+3	23	-6				
	[illegible]	1008.8	-2.8	-2.6	—	0	0	27.8	+0.2	+2.2	44	+6	23	+5	22	-2				
	[illegible]	1008.6	-3.2	-1.4	NE	2	0	32.0	0.0	+1.8	43	+2	23	+1	8	-9	0	0	1	
	[illegible]	1010.2	-1.3	+1.9	NNE	2	0	28.5	-2.5	-2.3	41	+1	22	0	28	+14	0	0	3	
	[illegible]	1008.6	-2.0	+0.6	—	0	0	29.4	+0.4	-0.4	40	0	23	0	11	-6	0	3	5	
	[illegible]	1011.1	-2.7	+0.7	N	1	0	29.5	-1.4	+0.1	35	+2	20	-2	53	+1	0	29	108	1
	[illegible]	1006.5	-2.3	-2.6	NNE	2	0	33.0	+2.0	+3.8	40	+1	19	-1	16	-17	0	17	22	
	MALAKAL	1007.8	-3.0	-1.8	SW	1	0	33.0	+2.8	+4.5	41	+3	25	+2	36	-19	0	107	117	

General Situation

9 00 The depression has now reached the eastern Mediterranean and the pressure over Egypt is falling. High pressure has been established over the central Mediterranean.

الحالة العامة

قد وصل الانخفاض الآن الى شرق البحر الابيض واخذ الضغط في الهبوط فوق مصر - وقد تكون ارتفاع فوق اواسط البحر الابيض.

500	10	SE
1000	5	WNW
1500	10	WNW
2000	30	WNW
2300	60	WNW

Forecast for 24 hours from noon to day.

On the coast moderate to fresh west to northwest winds. Inland light variable winds, becoming westerly.
Remaining cloudy.
Slightly cooler tomorrow.

توقعات لمدة ٢٤ ساعة من ظهر اليوم

رياح بين المعتدلة والنشيطة غربية وشمالية غربية على الساحل ورياح خفيفة مختلفة الاتجاه في الداخل تتحول الى غربية. يستمر السماء ملبدا بالسحاب - تهبط درجة الحرارة قليلا باكر.

STATION	Humidity Mean of Day		Temperature Mean of Day	
	Yesterday	Diff. from normal	Yesterday (°C)	Diff. from normal
	%	%	°C	°C
Alexandria	70	+2	16.3	+0.7
Ezbekiya	39	-13	15.3	-1.6
Giza	44	-4	15.3	—
Helwan	34	-6	14.2	0.0

NOTE A dash means that figures are not available

Terms of Subscription By inland Post PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by gauges m³ per sec

DATE	1931	1930
25.4	628	810
24.4	626	810

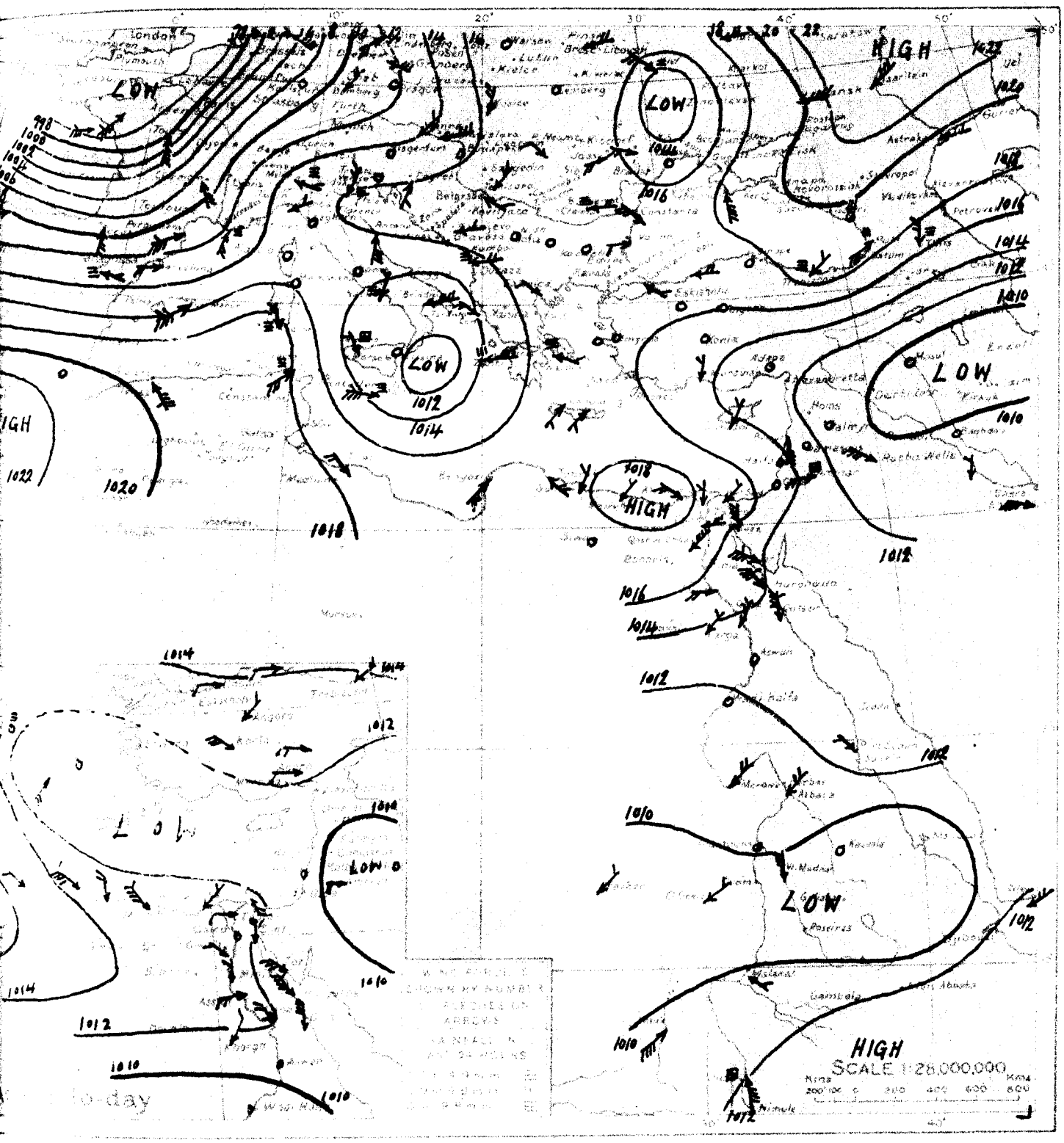
GAUGE	Date	Reading	Diff. from normal	Rise	Diff. from normal
	1931	m	m	m	m
Juba	25.4	13.56	+0.17	13.59	+0.21
Nassir	25.4	4.90	-0.71	4.93	-0.66
Malakal	25.4	9.71	-0.36	9.70	-0.37
Roseires	25.4	11.00	-0.34	11.02	-0.31
Sennar Res.	25.4	9.91	—	11.01	—
Makwar	25.4	4.90	-0.30	4.98	-0.22
Khartoum	26.4	10.02	-0.04	9.95	-0.11
Kh. el Girba					
Atbara	25.4	9.79	-0.11	9.81	-0.09
Wadi Halfa	26.4	0.90	-0.33	0.90	-0.34
Aswan Res.	25.4	109.26	—	109.31	—
" D.S.	25.4	85.04	-0.33	85.04	-0.33
El Lebbi	26.4	16.79	-0.07	16.80	-0.06
Roda (Cairo)	26.4	15.73	+0.29	15.73	+0.29

PRINTED AT THE SURVEY OF EGYPT 1930(30/556)(1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٤-٢٥ Barometer and Wind at 8 h. Yesterday 25.4.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٤-٢٥ From Observations taken at 8 h yesterday 23.4.31.

						SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
							At 8 h.				Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
							°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]	1015.1	-4.4	+1.7	—	0	4	13	+3	—	19	—	9	—	70	—	—	—	590	—
[illegible]	1012.5	-3.5	-1.5	WNW	5	2	16	0	—	17	-3	14	+1	80	—	trace	363	411	3
[illegible]	1017.6	-2.3	+4.0	SE	1	5	14	-1	—	—	—	12	0	60	—	drops	—	322	—
[illegible]	1016.4	-2.8	+2.2	SW	1	3	21	-1	—	24	+3	13	0	—	—	0	489	434	2
[illegible]	1014.4	+1.0	+1.6	NNE	1	0	19	0		24	0	9	-3	—	—	0	371	437	3
Port Sudan بورسودان	1013.8	0.0	+3.3	NW	1	0	30.9	-0.2	+1.6	35	+2	20	-2	24	-29	0	29	108	1
Kassala كسلا	1009.3	+1.4	+2.0	—	0	0	32.0	-1.5	-0.1	39	-2	21	-3	19	-17	0	0	13	—
El Fasher الفاشر	1008.3	—	—	NE	1	0	32.0	-1.0	+5.8	42	+4	16	-3	13	-8	0	1	8	—
El Obeid الأبيض	1009.1	+0.5	-0.5	ENE	1	2	31.0	-4.0	+1.9	41	+2	19	-1	22	-11	0	17	22	—
Malakal الملكال	1010.8	+1.2	+1.2	SE	1	0	30.2	0.0	+1.7	42	+4	22	-1	50	-5	0	107	116	—
Wau واو	1010.7	+1.3	+1.8	SW	4	0	28.4	-2.6	+2.4	41	+5	25	+3	55	-14	0	161	226	—
Juba جوبا	1011.0	+0.4	—	SSE	4	2	26.1	-0.9	—	37	—	22	—	73	—	17	248	272	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 15

sunset 18 30

From Observations taken at 8 h. to-day.

Monday 27th April, 1931 ١٩٣١ الاثنين ٢٧ أبريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
Mediterranean	SOLLUM	1015.2	+1.9	-0.9	NNW	2	3	17.2	-0.9	-2.2	21	—	13	—	63	-2	0	53	97	4
	MATRUH	1014.2	+1.9	0.0	NW	3	2	18.4	-0.2	-0.6	21	-3	16	+2	47	-24	3	177	157	3
	ALEXANDRIA	1013.3	+1.1	-0.8	W	1	4	18.2	-0.8	-1.5	30	+5	15	-1	82	+12	3	96	189	4
	PORT SAID	1012.2	-2.1	-0.5	S	1	4	19.7	-1.2	-1.2	25	+1	17	0	88	+21	5	62	78	1
	GAZA																			
	HAIFA	1008.0	—	-2.9	—	0	4	18.6	-1.6	-3.0	23	-3	14	0	63	+3	2	665	639	3
Lower Egypt	TANTA	1012.8	+0.5	—	SSW	1	0	18.9	-2.9	—	34	—	16	—	37	—	3	35	—	—
	EZBEKIYA	1012.4	+0.4	-0.8	NNW	2	4	20.0	-1.9	-0.3	33	+3	16	+1	78	+15	dr.	16	31	—
	GIZA	1012.2	-0.5	-1.8	NNW	2	3	19.6	-1.2	—	34	+4	16	+4	84	—	dr.	21	28	—
	HELWAN	1011.4	-0.9	-2.1	WNW	1	2	20.0	-2.4	-0.5	34	+4	16	+1	69	+19	tr.	19	33	—
	SIWA	1017.8	+5.0	+3.2	NW	1	0	—	—	—	—	—	16	+3	—	—	0	35	7	
Red Sea	SUEZ	1011.4	-0.5	-2.2	N	2	4	20.0	-0.5	-0.4	30	0	17	+1	77	+8	dr.	28	25	3
	TOR	1008.2	-2.6	-4.0	NW	4	4	22.5	-1.0	-0.6	32	+3	21	+4	91	+24	0	11	14	4
	HURGHADA	1008.4	-2.7	—	NNW	5	4	23.5	-2.5	—	30	—	19		65		0	0		3
	QUSSEIR	1008.6	-2.4	—	NNW	5	2	26.9	-0.6	—	30	—	23	—	50		0	15		3
Upper Egypt	DEBAB	1013.1	+0.3	-0.6	NE	3	0	21.0	-0.5	-0.6	34	+3	11	-3	64	+5	0	17		
	MINYA	1012.4	+0.6	—	NW	5	2	21.5	-1.5	+0.1	34	+2	15	+1	70	+13				
	ASYUT	1010.4	-2.3	-2.6	NNW	3	0	23.2	+0.6	+0.7	35	+2	20	+4	53	+11	0	7		
	GIRGA	1008.0	-4.3	—	NW	1	4	26.9	+2.6	+1.0	39	+2	22	+4	33	-5				
	KENA	1008.3	-2.4	—	N	2	1	25.3	-2.3	—	38	—	23		48	—	0	1		
	ASWAN	1006.3	-3.9	-5.5	—	0	0	28.5	+0.8	+1.6	42	+4	23	+3	27	-2				
	[illegible]	1006.0	-2.8	-5.4	S	1	0	32.0	+4.2	+6.2	44	+6	22	+3	14	-10				
	WADI HALFA	1008.4	-0.2	-1.6	NE	2	0	34.0	+2.0	+3.7	44	+3	23	+1	9	-8	0	0	1	
	SUAKIN	1009.6	-0.6	+1.3	E	2	0	31.0	+2.5	+0.1	42	+2	23	+1	22	+8	0	0	3	
	[illegible]	1007.4	-1.2	-0.6	—	0	0	30.5	+1.1	+0.5	42	+2	25	+2	15	-2	0	3	5	
	[illegible]	1011.1	0.0	+0.7	—	0	0	29.5	0.0	0.0	35	+2	21	-1	49	-3	0	29	108	1
	KASSALA	1005.6	-2.8	-1.7	—	0	0	32.5	0.0	+0.3	42	+1	24	0	24	-12	0	0	13	
	KHARTOUM	1007.0	-1.3	-0.6	E	2	0	32.0	-1.0	+1.3	43	+1	23	0	22	+4	0	8	15	
	FASHER	1004.4	-1.0	-3.5	NNW	1	0	34.0	+3.0	+4.1	44	+4	23	+1	36	-1	0	36	55	
	[illegible]	1005.8	-0.8	—	WNW	1	0	28.0	-2.5	+1.7	42	+4	18	-1	12	-10	0	1	8	
	EL OBEID	1006.4	-0.4	-3.2	SW	2	0	33.5	+0.5	+4.2	41	+2	19	-1	17	-16	0	17	22	
	MALAKAL	1011.2	+3.4	+1.6	SE	1	0	32.6	-0.4	+4.2	42	+4	26	+3	40	-16	0	107	118	
	WAU	1007.5	-0.4	-1.4	SSW	1	1	29.4	-1.0	+3.4	42	+6	25	+3	53	-17	0	161	230	
	[illegible]	1010.6	+0.3	—	SSE	4	3	26.8	-0.7	—	37		23		60		0	248	280	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Over Night Temperature Mean of Day: Yesterday	Over Night Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	75	+7	16.3	+0.6
Ezbekiya	54	+2	17.5	+0.5
Giza	60	+13	17.2	—
Helwan	42	+2	16.0	+1.7

NOTE A dash means that figures are not available

Terms of Subscription (by Inland Post) P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec		
DATE	1931	1930
27.4	625	810
26.4	626	810

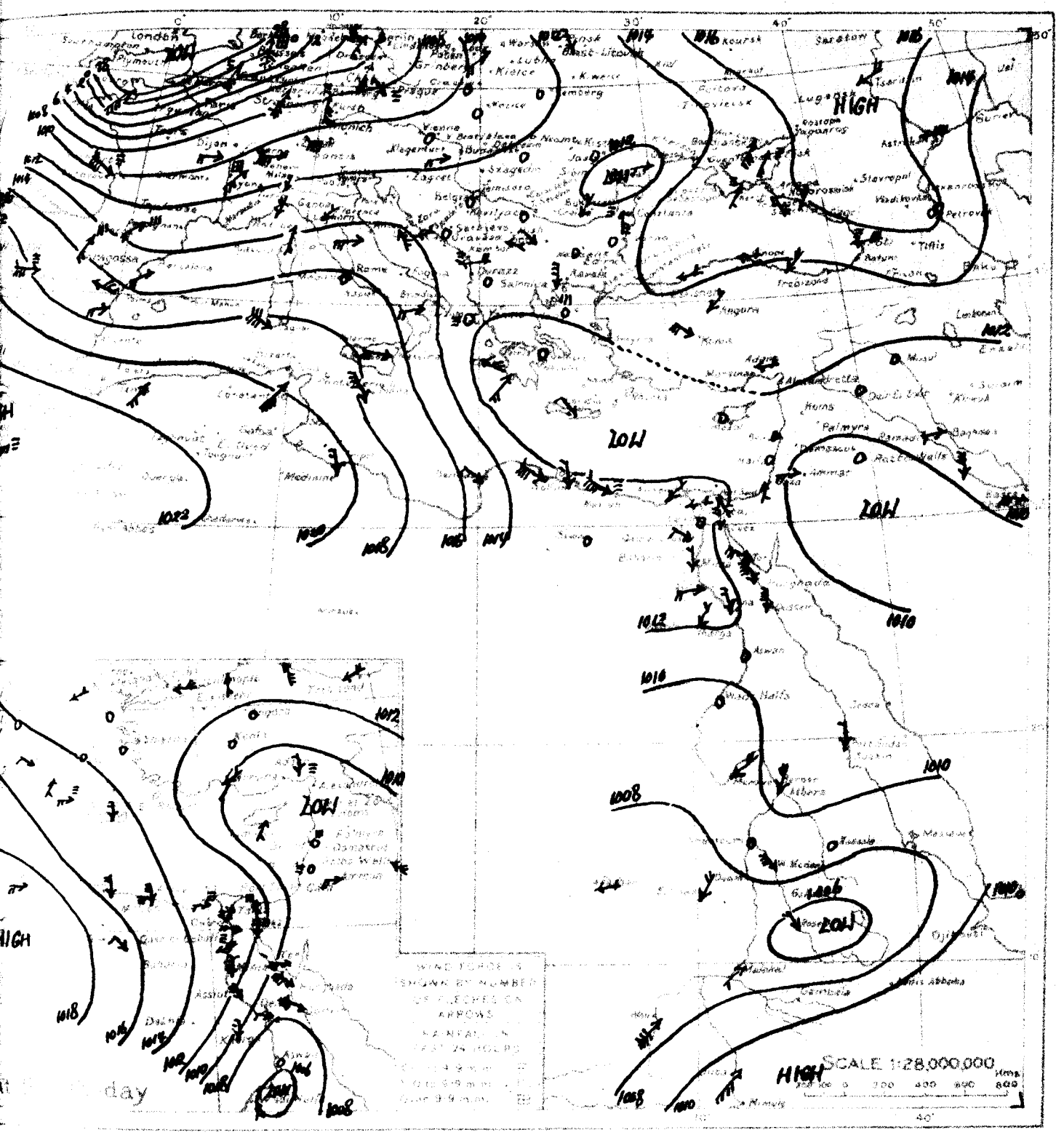
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m	m	m	m
Jebel Aulia	27.4	13.54	+0.14	13.54	+0.16
Nasser	27.4	4.86	-0.83	4.88	-0.75
Malakal	27.4	9.72	-0.34	9.71	-0.36
Roseires	27.4	10.98	-0.40	10.98	-0.38
Sennar Res.	27.4	8.61	—	8.68	—
Makwar	27.4	4.36	-0.83	4.80	-0.44
Khartoum	27.4	10.13	+0.07	10.02	-0.04
Kh. el Girba					
Atbara	27.4	9.77	-0.13	9.78	-0.12
Wadi Halfa	27.4	0.90	-0.33	0.90	-0.33
Aswan Res.	27.4	109.15	—	109.19	—
" D.S.	27.4	85.04	-0.34	85.04	-0.33
El Lisht	27.4	16.78	-0.08	16.74	-0.07
Roda (Cairo)	27.4	16.73	+0.30	15.73	+0.31

PRINTED AT THE SURVEY OF EGYPT 1929 (20/5/31) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٤-٣١ Barometer and Wind at 8 h. Yesterday 26. 4. 31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٤-٣١ From Observations taken at 8 h. yesterday 26. 4. 31.

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1016.7	+1.6	+3.3	—	0	4	13	0	—	19	—	8	—	80	—	—	543	—
SICILIA	1017.8	+5.3	+3.8	NNW	4	2	15	-1	—	18	-2	13	0	80	—	0	363	412	2
ATHENS	1011.9	-5.7	-1.7	—	0	2	16	+2	—	—	—	12	0	60	—	—	—	322	—
CANDIA	1011.1	-5.3	-3.1	NW	1	4	18	-3	—	22	0	14	0	—	—	0	489	434	3
LIMASSOL	1010.3	-4.1	-2.5	—	0	4	18	-1		22	-2	14	+2	—	—	0	371	438	1
Gaza غزه	—	—	—	S	1	0	24.7	+5.0	+3.8	25	0	11	-2	52	-12	0	238	372	—
Suiva سيوه	1012.8	-4.3	-1.8	—	0	2	23.5	+2.5	+3.7	—	—	18	+5	63	+7	0	35	7	—
Kassala كسلا	1008.4	-0.9	+1.1	—	0	0	32.5	+0.5	+0.3	40	-1	22	-2	24	-12	0	0	13	—
Wad Medani ودمدني	1008.3	—	+0.7	NNW	4	0	33.0	+2.5	+2.3	42	0	22	-1	19	+1	0	8	15	—
Roseires الروصيرص	1005.4	-1.6	-2.4	NNW	1	0	31.0	-1.5	+1.0	42	+2	20	-2	17	-19	0	36	54	—
El Fasher الفاشر	1006.6	-1.7	—	E	1	0	30.5	-1.5	+4.2	42	+4	18	-1	14	-8	0	1	8	—
Wau واو	1007.9	-2.8	-1.0	SW	7	0	30.4	+2.0	+4.4	40	+4	26	+4	53	-17	0	161	228	—
Juba جوبا	1010.3	-0.7	—	SW	4	2	27.5	+1.4	—	35	—	23	—	61	—	0	248	276	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 14 m

" " sunset 18 h 30 m

From Observations taken at 8 h. to-day

Tuesday 28th April, 1931 ١٩٣١ الثلاثاء ٢٨ أبريل

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum (yesterday)	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Total from Oct. 1 last year	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018.0	+2.8	+2.0	NNW	1	0	17.6	+0.4	-1.9	21	—	14	—	73	+8	0	53	98	1
	MATRUH	1017.4	+3.2	+3.2	NNW	2	0	17.2	-1.2	-1.9	20	-4	16	+2	57	-14	0	177	157	2
	ALEXANDRIA	1016.8	+3.5	+2.7	N	2	2	18.3	+0.1	-1.6	22	-3	15	-1	73	+3	0	96	189	3
	PORT SAID	1015.2	+3.0	+2.5	N	1	0	20.2	+0.5	-0.8	23	-1	17	0	72	+5	0	62	78	2
	GAZA	—	—	—	NW	1	2	19.7	—	-1.5	24	-1	15	+2	78	+14	3	241	372	
	HAIFA	1012.6	+3.8	+0.9	—	0	2	20.8	+2.2	-1.0	21	-5	14	0	56	-4	0	665	640	2
LOWER EGYPT	TANTA	1016.3	+3.5	—	NW	1	3	20.1	+1.2	—	26	—	15	—	66	—	0	35	—	—
	EZBEKIYA	1016.4	+4.0	+3.2	NNW	1	3	18.4	-1.6	-2.0	26	-4	15	0	78	+15	1	17	31	—
	GIZA	1016.8	+4.6	+2.8	NNW	1	3	17.8	-1.8	—	27	-3	13	+1	81	—	dr.	21	29	—
	HELWAN	1016.2	+4.8	+2.7	NNW	2	3	17.2	-2.8	-3.4	24	-6	15	0	76	+26	0	19	34	
	MINYA	1016.4	-1.4	+1.8	—	0	0	17.5	—	-2.6	—	—	13	0	61	+5	0	35	7	
RED SEA	SUEZ	1014.7	+3.3	+1.2	N	3	1	21.3	+1.3	+0.7	27	-3	27	—	59	-10	dr.	28	25	3
	[illegible]	1011.6	+3.4	-0.5	NW	4	0	21.7	-0.8	-1.5	29	0	20	+3	68	+1	dr.	11	14	4
	HURGHADA	1012.2	+3.8	—	NNW	5	0	23.3	-0.2	—	28	—	19		45		0	0		3
	[illegible]	1011.0	+2.4	—	N	7	0	23.8	-3.1	—	28	—	22	—	52		0	15		7
UPPER EGYPT	[illegible]	1016.4	+3.3	+2.7	NW	3	0	20.0	-1.0	-1.8	27	-5	15	+1	59	+10	0	17		
	[illegible]	1015.8	+3.4	—	N	3	1	19.0	-2.5	-2.6	28	-4	13	-1	76	+19				
	[illegible]	1015.2	+4.8	+2.2	NW	3	0	18.8	-4.4	-3.9	31	-2	16	0	66	+25	0	7		
	[illegible]	1012.7	+4.7	—	NNW	2	1	22.9	-4.0	-3.1	37	0	19	+1	41	+3				
	[illegible]	1014.3	+6.0	—	N	1	0	24.0	-4.3	—	33		17		57	—	0	1		
	[illegible]	1011.9	+5.6	+0.2	N	5	2	23.0	-5.5	-4.1	43	+5	22	+2	30	+1				
	[illegible]	1011.2	+5.2	-0.1	NNE	2	0	25.4	-6.6	-0.5	45	+7	23	+4	37	+14				
	[illegible]	1008.6	+0.2	-1.3	NE	2	0	32.0	-2.0	+1.5	46	+5	26	+4	8	-9	0	0	1	
	[illegible]	1008.0	-1.6	-0.2	N	2	0	32.5	+1.5	+1.4	43	+3	25	+3	20	+6	0	0	3	
	[illegible]	1006.3	-1.1	-1.7	NNE	2	0	33.0	+2.5	+2.9	44	+4	26	+3	12	-5	0	3	5	
	[illegible]	1009.5	-1.6	-0.9	S	2	0	30.7	+1.2	+1.0	33	0	24	+2	58	+7	0	29	108	2
	[illegible]	1003.3	-2.4	-4.1	—	0	0	34.0	+1.5	+1.8	43	+2	23	-1	27	-9	0	0	13	
	[illegible]	1007.9	+2.9	+2.3	N	3	0	30.9	-1.5	-0.3	42	0	20	-3	21	+2	0	8	15	
	[illegible]	1002.8	+0.4	-3.1	NNW	1	0	34.5	+0.5	+4.6	44	+4	24	+2	25	-12	0	36	55	
	[illegible]	1005.3	-0.5	—	NNE	2	0	32.0	+4.0	+5.6	43	+5	18	-1	13	-9	0	1	8	
	[illegible]	1009.0	+2.6	-0.6	NE	2	0	32.0	-1.5	+2.7	40	+1	19	-2	13	-21	0	17	22	
	[illegible]	1012.2	+1.0	+2.5	S	1	1	32.5	-0.1	+4.1	42	+4	26	+3	55	-2	0	107	118	
	[illegible]	1008.0	+0.5	-1.0	S	7	1	30.3	+0.9	+4.3	38	+2	27	+5	57	-13	0	161	232	
	[illegible]	1012.7	+2.1		SW	2	4	22.5	-4.3		36		21		94		33	281	283	

STATION	Temperature: Maximum (yesterday)		Temperature: Minimum (yesterday)	
	°C	°C	°C	°C
Alexandria	78	+10	16.7	+1.0
Ezbekiya	65	+13	17.1	0.0
Giza	70	+23	17.4	—
Helwan	60	+20	16.0	+1.7

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150

Remarks

Date		
28.4	625	878
27.4	625	810

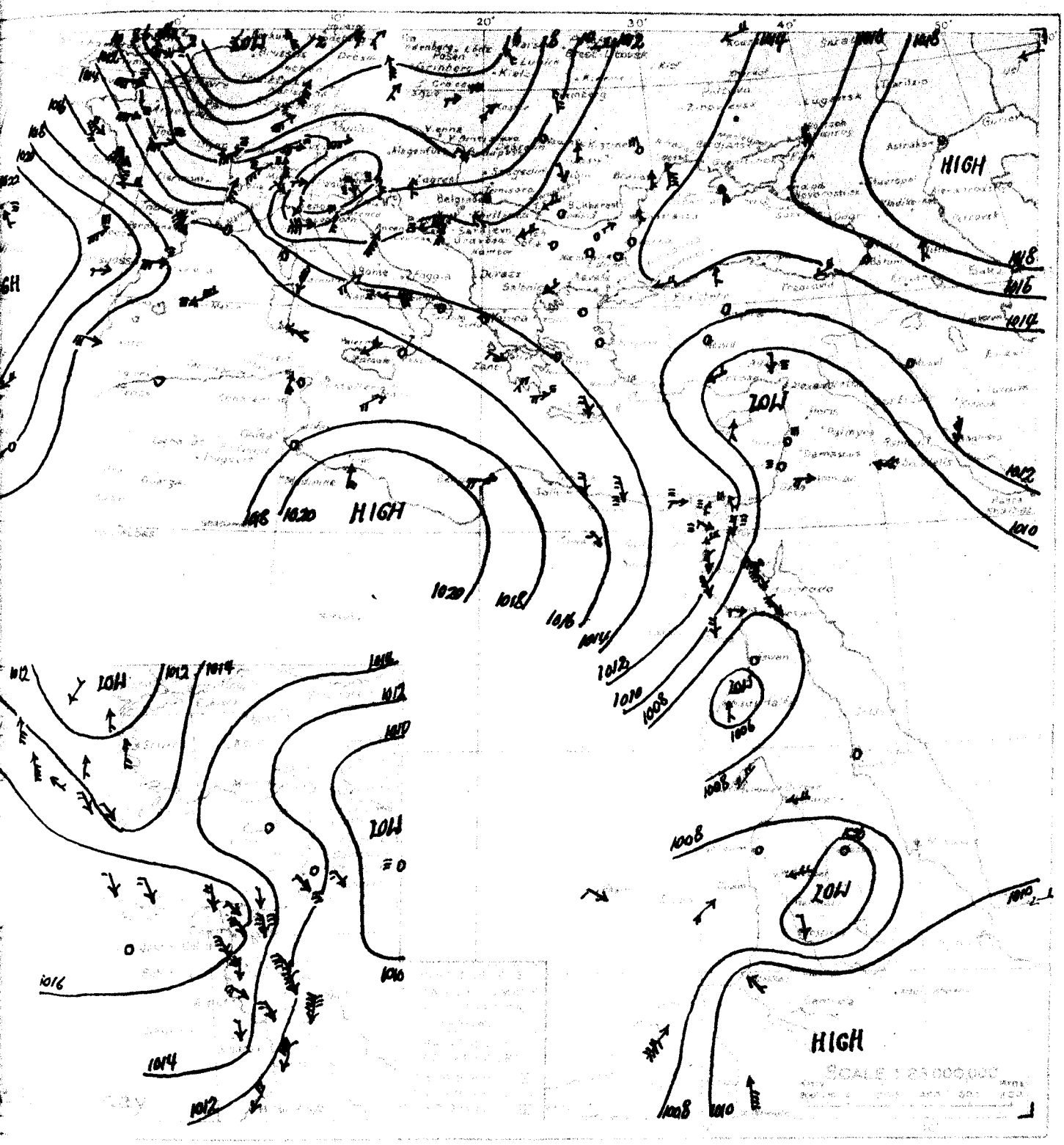
[illegible]	28.4	13.59	+0.18	13.54	+0.14
[illegible]	28.4	4.80	-0.95	4.86	-0.83
Mariout	28.4	9.72	-0.34	9.72	-0.34
[illegible]	28.4	11.00	-0.39	10.98	-0.40
Sennar Res.	28.4	8.21	—	8.61	—
Maswa	28.4	4.49	-0.70	4.36	-0.83
Khartoum	28.4	10.18	+0.11	10.13	+0.07
Kh. el Girba					
Atbara	28.4	9.76	-0.14	9.77	-0.13
Wad Halfa	28.4	0.88	-0.34	0.90	-0.33
Aswan Res.	28.4	109.00	—	109.15	—
" D.S.	28.4	85.06	-0.32	85.04	-0.34
El Lahun	28.4	16.78	-0.07	16.78	-0.08
Roda (Cairo)	28.4	15.73	+0.30	15.73	+0.30

PRINTED AT THE BUREAU OF EGYPT 979(29/3)/1 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٧-٤-٣١ Barometer and Wind at 8 h. Yesterday 27.4.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Light	2
Moderate	3
Rough	4
Very rough	5
Heavy	6
Very heavy	7
Mountainous	8
Unclassified	9

٢٧-٤-٣١ From Observations taken at 8 h. yesterday 27.4.31.

1013.8	-2.9	+0.3	SW	2	4	16	+3		21		12		70		—		595	
1017.3	-0.5	+3.1	WSW	2	1	18	+3		18	-2	14	0	40		0	363	412	1
1014.0	+2.1	+0.4	—	0	0	16	0		—	—	11	-2	60		—		323	
1014.4	+3.3	+0.2	NW	2	1	19	+1		21	-1	14	0			0	489	435	3
1008.8	-1.5	-4.0	SSW	1	3	20	+2		23	-1	13	+1			0	371	438	2

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 14

" " sunset 18 31

From Observations taken at 8h. to-day.

Wednesday 29th April, 1931 ١٩٣١ الاربعاء ٢٩ أبريل

STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	HUMIDITY At 8 h.	Diff from normal	RAINFALL Past 24 hours	Since 1st Oct.	Since 1st Jan.	SEA
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
SOLLUM	1017.9	-0.1	+2.0	—	0	0	18.9	+1.3	-0.8	22		13		66	+1	0	53	98	0
MARSA	1017.6	+0.2	+3.4	NW	1	0	17.4	+0.2	-1.8	19	-5	12	-2	59	-12	0	177	157	1
ALEXANDRIA	1017.9	+1.1	+3.8	N	1	4	18.3	0.0	-1.7	22	-3	16	0	71	+1	0	96	189	2
PORT SAID	1016.6	+1.4	+4.0	N	2	1	20.9	+0.7	-0.2	24	0	17	0	66	-1	0	62	79	2
GAZA	—	—	—	NE	1	2	19.6	-0.1	-1.8	22	-3	12	-1	75	+11	0	241	372	
JAFFA	1013.9	+1.3	+2.3	—	0	0	22.0	+1.2	+0.1	26	0	15	+1	61	+1	0	665	640	2
[illegible]	1017.0	+0.7		NW	2	2	19.0	-1.1		26		15		63		0	35		
[illegible]	1016.4	0.0	+3.2	NW	4	2	19.4	+1.0	-1.2	27	-3	13	-2	66	+3	0	17	31	
[illegible]	1016.3	-0.5	+2.4	NW	4	3	19.6	+1.8	—	27	-3	11	-1	65	—	0	21	29	
[illegible]	1015.9	-0.3	+2.4	N	4	4	18.1	+0.9	-2.6	26	-4	15	-1	64	+14	0	19	34	
[illegible]	1016.6	+0.2	+2.1	—	0	0	18.0	+0.5	-2.3	—	—	12	-1	71	+15	0	35	7	
[illegible]	1014.6	-0.1	+1.1	N	2	1	24.0	+2.7	+3.3	27	-3	16	-1	44	-25	0	28	25	1
[illegible]	1011.1	-0.5	-1.0	NW	2	0	22.0	+0.3	-1.4	26	-3	19	+2	67	0	0	11	14	3
[illegible]	1011.9	-0.5		NNW	5	0	22.0	-1.3		27		18		58		0	0		3
[illegible]	1011.0	0.0		N	6	0	24.0	+0.2		27		20		54		0	15		5
[illegible]	1016.0	-0.4	+2.4	NE	4	0	19.8	-0.2	-2.1	28	-4	15	+1	60	+11	0	17		
[illegible]	1014.6	-1.3		N	3	1	19.0	0.0	-2.7	28	-4	14	-1	67	+10				
[illegible]	1014.2	-1.0	+1.3	NNW	3	0	19.4	+0.6	-3.5	28	-5	16	-1	63	+22	0	7		
[illegible]	1011.5	-1.2		WSW	2	0	22.8	-0.1	-3.4	36	-1	17	-1	41	+3				
[illegible]	1011.0	-3.3		N	2	0	21.8	+0.8		30		18		54		0	1		
[illegible]	1010.6	-1.3	-1.1	NNE	1	0	22.7	-0.3	-4.5	33	-5	17	-3	33	+4				
[illegible]	1011.0	-0.2	-0.3	N	1	0	22.4	-3.0	-3.7	34	-4	17	-2	34	+11				
[illegible]	1008.3	-0.3	-1.6	NE	3	0	30.0	-2.0	-0.6	45	+4	24	+2	9	-8	0	0	1	
[illegible]	1007.0	-1.0	-1.2	N	4	0	34.5	+2.0	+3.3	45	+4	27	+5	14	0	0	0	3	
[illegible]	1005.6	-0.7	-2.4	NNE	4	6	31.5	-1.5	+1.3	44	+4	27	+4	15	-2	0	3	5	
[illegible]	1011.1	+1.6	+0.8	N	1	2	28.7	-2.0	-1.1	33	0	24	+2	68	+17	0	29	108	1
[illegible]	1003.5	+0.3	-3.8	—	0	0	33.0	-1.5	+0.8	44	+3	27	+3	47	+11	0	0	13	
[illegible]	1005.8	-4.1	-1.8	N	3	0	36.0	+5.5	+5.2	45	+3	27	+4	20	+1	0	8	15	
[illegible]	1002.4	-2.4	-5.6	NW	1	0	35.0	+0.5	+5.1	43	+3	27	+5	42	+4	0	36	56	
[illegible]	1004.4	-0.9		WNW	1	0	29.5	-2.5	+3.1	42	+4	20	+1	19	-3	0	1	8	
[illegible]	1007.2	-1.8	-2.4	NW	1	0	31.5	-0.5	+2.2	44	+5	21	0	27	-8	0	17	22	
[illegible]	1009.4	-2.8	-0.3	—	0	0	33.2	+0.7	+4.9	41	+4	26	+3	41	-16	0	107	119	
[illegible]	1005.9	-2.1	-3.1	SW	2	0	29.8	-0.5	+3.8	39	+3	26	+4	57	-13	10	171	234	
[illegible]	1008.8	-3.9		S	4	1	26.1	+3.6		31		22		70		0	281	288	

Average for 24 hours from noon to-day.

STATION	Wind Velocity	Direction	Temperature	Diff from normal
	Miles per hour		°C	°C
Alexandria	75	+7	15.9	+0.1
Ezbekiya	64	+12	16.8	-0.4
Giza	66	+19	16.7	—
Helwan	64	+24	15.7	+1.3

NOTE. A dash means that figures are not available.

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" " Abroad P.T.150

Remarks

Discharges at Assuan measured by gauges in cubic m. per sec.

DATE	1931	1930
29.4	630	878
28.4	625	878

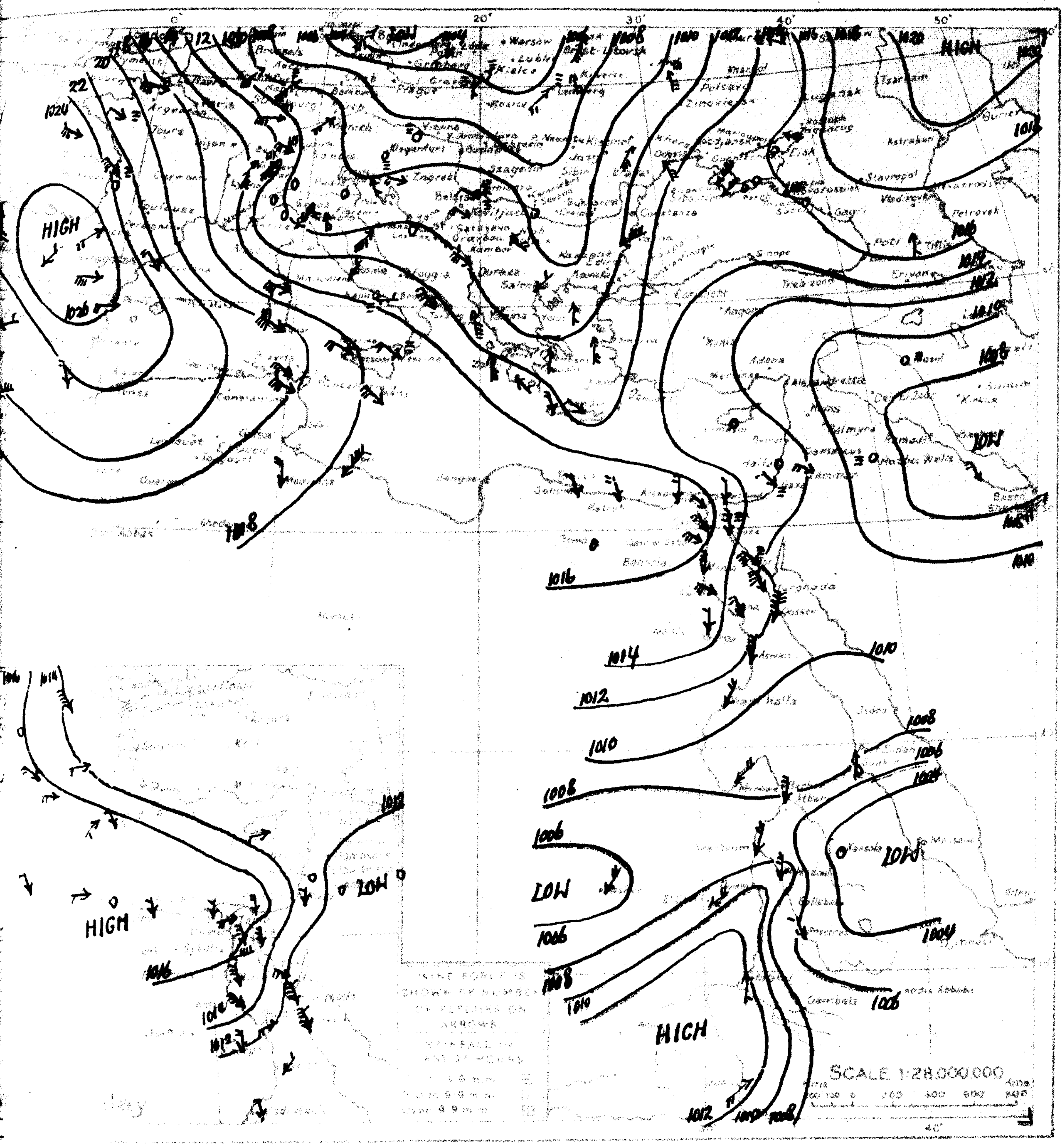
Station	Date	Reading	Diff from normal	Fall	Diff from normal
	1931	m	m	m	m
Jebel	29.4	13.60	+0.18	13.59	+0.18
Nimule	29.4	4.76	-1.04	4.80	-0.95
Malakal	29.4	9.71	-0.34	9.72	-0.34
Bahr el Ghazal	29.4	10.99	-0.42	11.00	-0.39
Sennar Res.	29.4	7.43	—	8.21	—
Makwar	29.4	4.51	-0.67	4.49	-0.70
Khartoum	29.4	10.15	+0.08	10.18	+0.11
Kn. el Girba					
Atbara	29.4	9.76	-0.14	9.76	-0.14
Wadi Halfa	29.4	0.85	-0.36	0.88	-0.34
Aswan Res.	29.4	109.02	—	109.00	—
" D.S.	29.4	85.04	-0.34	86.06	-0.32
El Lettani	29.4	16.77	-0.08	16.78	-0.07
Roda (Cairo)	29.4	15.73	+0.30	15.73	+0.30

PRINTED AT THE SURVEY OF EGYPT (1929/30/Kowli) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٤-٢٨ Barometer and Wind at 8 h. Yesterday 28·4·31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٤-٢٨ From Observations taken at 8 h. yesterday 28.4.31.

Station	Barometer at Sea Level (mb.)	Change 24 hours (mb.)	Diff. from normal (mb.)	Wind Direction	Wind Force	Sky	Temperature At 8 h (°C)	Change 24 hours (°C)	(°C)	Maximum (°C)	Diff. from normal (°C)	Minimum (°C)	Diff. from normal (°C)	Humidity At 8 h (%)	Humidity Ch. from normal	Rainfall Past 24 hours (mm)	Total from Oct. 1 to yesterday (mm)	Normal from Oct. 1 to yesterday (mm)	SEA
[illegible]	1014.8	+1.0	+1.3	NE	1	0	14	-2	—	20	—	8	—	60	—	—	—	597	—
[illegible]	1016.6	-0.7	+2.4	NW	3	2	17	-1	—	23	+3	14	0	70	—	0	363	413	3
[illegible]	1012.8	-1.2	-0.8	S	1	0	18	+2	—	—	—	13	0	50	—	—	—	324	—
[illegible]	1013.6	-0.8	-0.6	NW	1	0	24	+5	—	23	+1	13	-1	—	—	0	489	436	1
LIMASSOL	1012.2	+3.4	-0.6	—	0	0	20	0		22	-2	12	0	—	—	0	371	439	1

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 13 m

" " sunset 16 h 32 m

From Observations taken at 8h. to-day.

Thursday 30th April, 1931 ١٩٣١ الخميس ٣٠ أبريل

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Since 1st Oct.	Rainfall: Same period last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1017.8	-0.1	+2.0	—	0	0	16.5	-2.4	-2.3	26	—	14	—	92	+27	0	53	98	0
MATRUH	1018.2	+0.6	+4.0	WNW	2	0	18.8	+1.4	-0.5	21	-3	13	-1	43	-28	0	177	157	1
ALEXANDRIA	1017.4	-0.5	+3.4	NE	1	7	19.4	+1.1	-0.7	23	-2	15	-1	83	+13	0	96	189	2
PORT SAID	1016.4	-0.2	+3.8	ENE	2	2	20.5	-0.4	-0.8	24	-1	17	0	71	+4	0	62	79	2
GAZA	—	—	—	—	0	0	19.2	-0.4	-2.3	24	-1	12	-1	74	+10	0	241	373	
AKABA	1014.4	+0.5	+2.8	—	0	0	21.0	-1.0	-1.1	25	-1	16	+2	63	+3	0	665	641	0
TANTA	1017.0	0.0	—	N	1	3	18.6	-0.4	—	29	—	12	—	82	—	0	35	—	—
EZBEKIYA	1016.7	+0.3	+3.6	NNE	3	1	19.0	-0.4	-1.7	28	-2	14	-1	72	+10	0	17	31	—
GIZA	1016.7	+0.4	+2.8	NNE	3	2	19.1	-0.5	—	28	-2	12	0	73	—	0	21	29	—
HELWAN	1015.2	-0.7	+1.7	ENE	5	3	20.4	+2.3	-0.4	28	-2	15	-1	44	-6	0	19	34	—
SIWA	1013.8	-2.8	-0.7	—	0	0	23.0	+5.0	+2.6	—	—	14	0	48	-8	0	35	7	
SUEZ	1015.0	+0.4	+1.6	N	3	3	19.0	-5.0	-1.9	27	-3	16	-1	72	+3	0	28	25	3
TOR	1009.8	-1.3	-2.2	NW	5	4	22.2	+0.2	-1.3	25	-4	20	+2	72	+4	0	11	14	6
HURGHADA	1010.8	-1.1	—	NNW	5	3	23.0	+1.0		27		19		44		0	0		3
QOSSEIR	1010.2	-0.8	—	NW	6	0	24.8	+0.8	—	28	—	21		51		0	15		6
[illegible]	1016.0	0.0	+2.4	NE	4	0	21.0	+1.2	-1.0	30	-2	15	+1	61	+12	0	17		
[illegible]	1014.3	-0.3	—	NNW	3	1	18.5	-0.5	-3.2	28	-4	14	-1	85	+28				
[illegible]	1013.6	-0.6	+0.7	NNW	3	0	20.9	+1.5	-2.1	30	-3	16	-1	40	-1	0	7		
[illegible]	1011.0	-0.5	—	W	2	0	23.5	+0.7	-2.8	36	-1	17	-1	39	+1				
[illegible]	1012.2	+1.2	—	N	1	0	23.4	+1.6		32		18		36		0	1		
[illegible]	1010.2	-0.4	-1.4	N	2	0	24.3	+1.6	-3.1	35	-3	18	-2	25	-4				
[illegible]	1010.2	-0.8	-1.0	NW	1	0	23.4	+1.0	-2.9	35	-3	19	0	27	+4				
[illegible]	1008.2	-0.1	-1.6	NNE	2	0	29.0	-1.0	-1.8	41	0	22	0	9	-8	0	0	1	
[illegible]	1007.6	+0.6	-0.6	N	3	0	31.5	-3.0	+0.2	45	+4	24	+2	27	+13	0	0	3	
[illegible]	1006.4	+0.8	-1.6	NNE	3	0	29.5	-2.0	-0.8	43	+3	25	+2	12	-5	0	3	5	
[illegible]	1009.8	-1.3	-0.4	N	1	0	30.1	+1.4	+0.2	32	-1	24	+2	46	-4	0	29	108	1
[illegible]	1003.8	+0.3	-3.5	—	0	0	32.0	-1.0	-0.2	41	0	25	+1	24	-12	0	0	13	
[illegible]	1003.4	+1.0	-4.6	WNW	2	3	35.5	+0.5	+5.7	43	+3	26	+3	40	+2	0	36	56	
[illegible]	1006.0	+1.6		NNE	2	0	29.0	-0.5	+2.5	42	+4	22	+3	14	-9	0	1	8	
[illegible]	1007.2	0.0	-2.4	NE	2	2	34.8	+3.3	+5.4	42	+3	22	+1	10	-25	0	17	22	
[illegible]	1011.0	+1.6	+1.2	SE	2	3	30.4	-2.8	+2.1	40	+3	28	+5	53	-5	0	107	119	
[illegible]	1006.8	+0.9	-2.2	SSW	4	0	29.8	0.0	+3.9	39	+3	25	+3	51	-20	0	171	236	
[illegible]	1008.0	-0.8	—	NE	2	2	28.0	+1.9		38		24		67		0	281	292	

Forecast for 24 hours from noon to day.

STATION	Humidity: Mean of day		Temperature: Mean of day	
	%		°C	
Alexandria	76	+8	16.3	+0.5
Ezbekiya	56	+4	16.7	-0.6
Giza	56	+9	16.9	—
Helwan	52	+12	15.2	+0.8

NOTE. A dash means that figures are not available.

Terms of Subscription By inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Assuan measured by Survey Dept. m³ per sec.

DATE	1931	1930
30.4	627	877
29.4	630	878

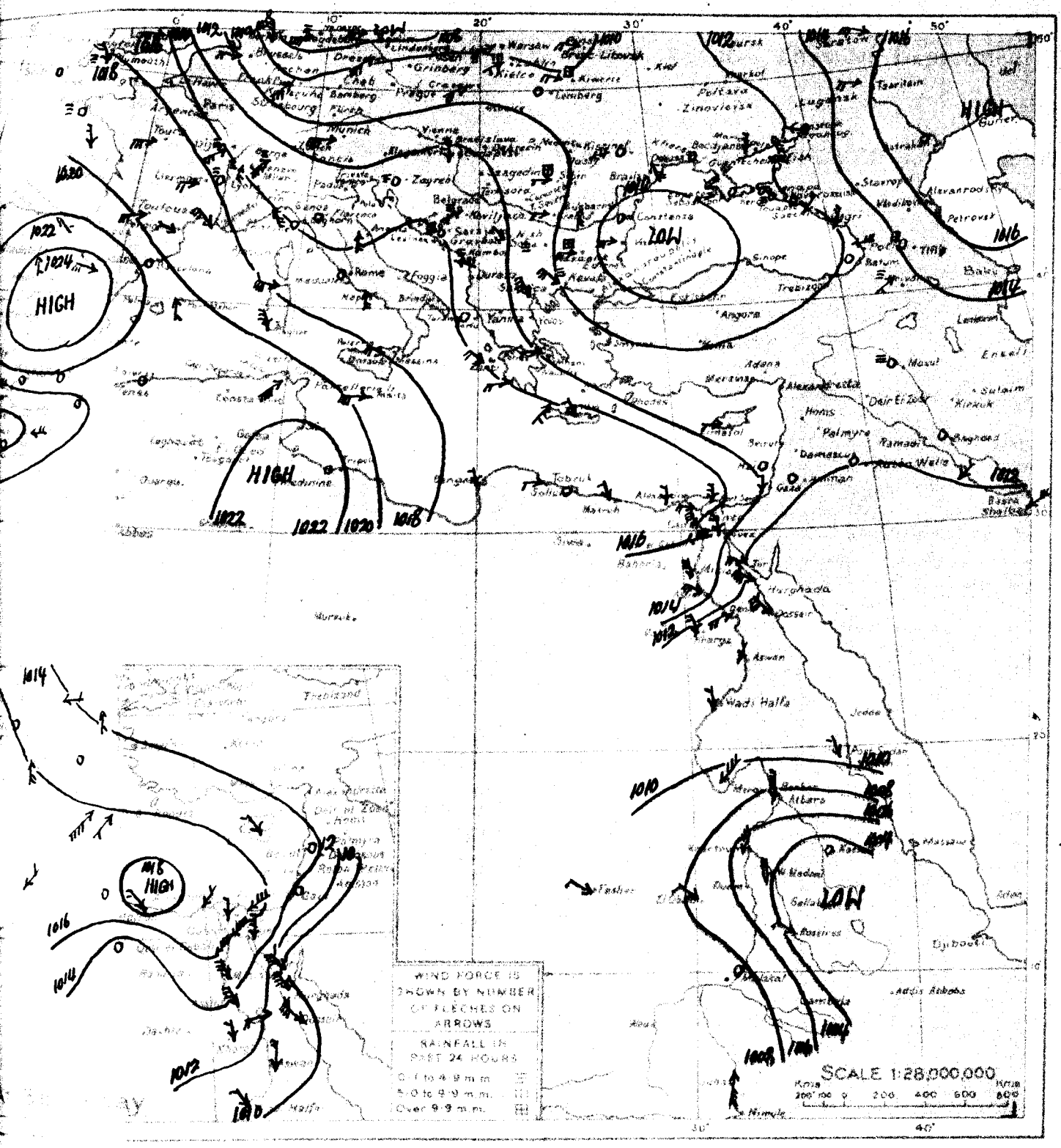
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
		m	m	m	m
Duba	30.4	13.64	+0.21	13.60	+0.18
Nasser	29.4	4.76	-1.04	4.80	-0.95
Malakal	30.4	9.71	-0.34	9.71	-0.34
Roseires	30.4	10.98	-0.44	10.99	-0.42
Sennar Res	30.4	6.39	—	7.43	—
Makwar	30.4	4.30	-0.88	4.51	-0.67
Khartoum	30.4	10.07	0.00	10.15	+0.08
Kh. el Girba					
Atbara	30.4	9.81	-0.09	9.76	-0.14
Wadi Halfa	30.4	0.80	-0.41	0.85	-0.36
Aswan Res	30.4	108.94	—	109.02	—
" D.S.	30.4	85.04	-0.34	85.04	-0.34
El Lethi	30.4	16.77	-0.08	16.77	-0.08
Roda (Cairo)	30.4	15.73	+0.30	15.73	+0.30

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٤-٢٩ Barometer and Wind at 8 h. Yesterday 29.4.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٤-٢٩ From Observations taken at 8 h. yesterday 29.4.31.

	Pressure			Wind		Sky	Temperature							Humidity		Rainfall				Sea
	Sea Level	Change	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yest.	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday		
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.		
Rom	1016.3	+1.5	+2.7	—	0	0	14	0	—	20	—	8	—	70	—	—	—	599		—
Mal	1018.4	+1.8	+4.1	WNW	4	2	16	-1	—	19	-1	13	-1	70	—	0	363	414		3
Alex	1013.0	+0.2	-0.6	W	1	0	16	-2	—	—	—	13	0	40	—	—	—	325		—
Canea	1015.5	+1.9	+1.3	NW	1	0	22	-2	—	26	+4	18	-1	—	—	0	489	437		2
Limass	1013.3	+1.1	+0.5	WNW	1	1	19	-1		25	+1	11	-1	—	—	0	371	440		0

MEDITERRANEAN

EGYPT and SUDAN

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of APRIL 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Siwa	1	State of sky	0
Kharga		Minimum	18
Qosseir	2	State of sky	3
Wadi Halfa ...		,,	3
Kassala... ...		Wind direction	—
,,		Wind force	0
,,		Maximum	—
Malakal... ...		Wind direction	NNW
Haifa	3	Wind direction	SSW
Tor		Wind direction	NW
,,		Wind force	2
Kharga		Wind direction	NNW
,,		Minimum	19
Wadi Halfa ...		State of sky	1
Sollum	4	Wind force	4
Wadi Halfa ...		State of sky	1
Kassala... ...		Wind direction	NNE
Roseires ...		Minimum	25
El Obeid ...		State of sky	1
Sollum	5	Humidity	49
,,		Rainfall	0
Alexandria ...		Wind direction	SSE
Siwa		State of sky	1
Minya		Barometer	1015·0
Sollum	6	State of sky	2
Minya		Wind direction	WSW
Kassala... ...		Maximum	—
Haifa	7	Wind direction	—
,,		Wind force	0
Wau		8 h. temp.	30·1
,,		Humidity	49
Sollum	8	Barometer	—
,,		Wind directio	NW
,,		Wind force	2
,,		State of sky	0
,,		8 h. temp.	17·1
,,		Humidity	54
,,		Minimum	12
Tanta		Barometer	1013·1
Siwa		State of sky	1
Kharga		Minimum	23
Wau		State of sky	1
Sollum	9	Barometer	—
,,		Wind direction	SW
,,		Wind force	2
,,		8 h. temp.	15·6
,,		Humidity	57
,,		Maximum	22
Wadi Halfa ...		State of sky	2
Juba		Wind force	4
Sollum	10	Barometer	—
,,		Wind force	2
,,		8 h. temp.	17·3
,,		Humidity	62
Haifa		State of sky	2
Minya		,,	0
Port Sudan ...		Rainfall	Drops
El Obeid ...		State of sky	2
Sollum	13	Barometer	1014·8

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Sollum	13	Wind direction	NW
,,		State of sky	1
,,		8 h. temp.	11·9
,,		Humidity	86
,,		Maximum	23
Kassala... ...		Maximum	—
El Obeid ...	14	State of sky	0
Wadi Halfa ...	15	,,	0
El Obeid ...		,,	0
Qosseir	16	Wind force	3
Sollum	17	Wind direction	NNW
,,		Wind force	1
Haifa		Minimum	13
Qosseir		Maximum	—
Sollum	18	Wind direction	ESE
Kharga		Minimum	18
El Obeid ...		State of sky	0
Wau		Minimum	27
Wau		Rainfall	1
Tor	19	Wind direction	NW
,,		Wind force	3
,,		State of sky	0
Wadi Halfa ...		,,	2
Gaza	20	Minimum	—
El Obeid ...		State of sky	0
,,		Minimum	19
Siwa	21	Wind direction	—
,,		Wind force	0
Kharga		Wind direction	ENE
,,		Minimum	21
El Obeid ...		State of sky	1
Juba		Rainfall	Drops
Tor	22	State of sky	8
Roseires ...		Minimum	20
El Obeid ...		State of sky	0
,,	23	,,	0
Sollum	24	Barometer	1018·8
Tor		Wind direction	NW
,,		Wind force	1
,,		State of sky	8
Kharga		8 h temp.	28·7
,,		Humidity	35
Wad Medani...	25	Barometer	—
El Obied ...		State of sky	1
Haifa	26	Barometer	1006·3
Qosseir		8 h. temp	27·9
,,		Humidity	28
Qasr el Gebali.	27	Humidity	64
Minya		Wind direction	NNW
Wau		Wind force	—
Juba		Rainfall	Drops
Haifa	28	Rainfall	8
Suez		Minimum	21
Kharga		8 h. temp.	21·6
,,		Humidity	54
El Obied ...		State of sky	0
,,	29	,,	0
,,	30	,,	1
,,		Minimum	16

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR APRIL, 1931.

The Weather.

The weather during April was as usual subject to rapid changes of temperature, but there was an absence of severe khamsin conditions.

The month opened with settled fine weather, but on the 2nd a fairly deep depression arrived near Crete and warm southerly winds prevailed in Egypt. The depression rapidly passed to Syria and a sharp fall in temperature took place on the 3rd; at Alexandria the maximum temperature fell from 30° C to 20° C on successive days. The cool weather however did not last long, as on the 5th a depression in the west caused easterly winds in Egypt. The temperature in Cairo rose to 36°C, *i.e.* 9°C above normal, but the hot weather was not maintained. On the 8th a depression was situated over the central Mediterranean, with a secondary west of Sollum. In the two following days these travelled towards Syria, and during their passage hot easterly and southerly winds at times strong prevailed in Egypt. Night temperatures particularly were higher than usual. The arrival of the main depression over Syria brought fresh westerly winds in Egypt, and a spell of cool weather set in. Rain fell on the 11th throughout Lower Egypt but except in a few localities was very light.

A depression passed rapidly north of Egypt on the 15th, causing southerly winds and a sharp rise in temperature, but by the following day northwesterly winds arrived and cool weather lasted until the 18th.

From the 19th to the 25th Egypt experienced a heat wave of moderate intensity, temperatures in Lower Egypt rising to about 35° C. On the following day a shallow depression passed north of Egypt, its passage being accompanied by strong winds and dust storms; a velocity of 72 kilometres per hour was recorded at Helwan. The northwest winds following in the rear of this depression caused a rapid fall in temperature, and showers occurred throughout Lower Egypt. Cool weather was maintained to the end of of the month.

For the month as a whole the mean atmospheric pressure was below normal everywhere except on the Mediterranean Coast. The temperature in all districts was slightly above normal except in the Southern Sudan, where it was unusually high. Rainfall in the Southern Sudan was above normal.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR APRIL, 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX.+MIN./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1014·0	+0·4	24·3	+0·7	15·1	0·0	19·7	+0·4	4	— 1
II. Middle Egypt	1013·8	—0·5	29·0	+0·7	13·5	+0·8	21·2	+0·8	3	— 1
III. Upper Egypt	1012·2	—0·5	34·8	+0·1	17·1	+0·3	26·0	+0·2	0	0
IV. North Sudan	1008·5	—0·2	40·6	+0·9	21·7	+0·3	31·2	+0·6	0	— 1
V. Red Sea*	1010·8	—0·2	32·1	+0·6	21·8	+0·4	27·0	+0·5	0	— 1
VI. Central Sudan	1007·4	—0·9	41·6	+1·5	29·9	—0·1	31·2	+0·7	1	— 4
VII. South Sudan	1008·4	—0·6	40·1	+2·3	24·7	+2·2	32·4	+2·2	74	+ 3

* Port Sudan only.
NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

L. J. SUTTON,
Director, Meteorological Service.

State of the River.

Lake Albert at Butiaba rose 2 centimetres during April. Its level on May 1, 1931 was 47 cms. above the normal and 49 cms. above that of the corresponding day of last year.

The Bahr el Jebel at Juba showed a slight upward tendency fluctuating above both the normal and last year's levels throughout the month.

River Sobat at Nasser showed small fluctuations but no general rise during the month, the levels remaining below both the normal and last year's throughout.

The White Nile at Malakal remained almost steady during the month. The levels were continuously below both the normal and last year's.

The Blue Nile at Roseires on the whole fell slightly during the month. The levels were below normal and much below last year's throughout. At Khartoum the Blue Nile showed a rise after the 12th due to the emptying of the Sennar Reservoir.

The Main Nile at Wadi Halfa remained almost steady throughout the month. The levels were below both the normal and last year's.

The differences of the mean levels in April 1931 from those of April 1930 and from the normal 1906–1930 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	April 1931 Minus April 1930.	April 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·22	+ 0·12
Nasser	— 0·57	— 0·65*
Malakâl	— 0·32	— 0·35
Roseires	— 0·72	— 0·27
Khartoum	— 0·26	— 0·11
Wadi Halfa	— 0·40	— 0·41

* Nasser Normal is for 1922–30 only.

Discharges of the Nile during March, 1931.

Observed by the Irrigation Department.

Aswân

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	85·20	685
2	85·20	686
3	85·20	686
4	85·20	683
5	85·21	685
6	85·28	733
7	85·29	730
8	85·29	730
9	85·28	731
10	85·27	719
11	85·29	730
12	85·30	732
13	85·30	731
14	85·29	730
15	85·29	732
16	85·29	731
17	85·29	728
18	85·29	730
19	85·29	729
20	85·30	730
21	85·30	731
22	85·30	732
23	85·29	731
24	85·28	729
25	85·28	731
26	85·28	732
27	85·28	730
28	85·29	731
29	85·30	732
30	85·30	733
31	85·29	732
Approx. Monthly Mean		723
Normal Mean 1912-1930		749

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	1·13	592
3	1·13	605
5	1·12	584
6	1·10	560
7	1·08	564
8	1·07	555
9	1·08	570
12	1·15	583
13	1·09	562
14	1·07	552
15	1·05	541
16	1·04	551
17	1·04	568
18	1·05	555
19	1·03	551
21	0·99	521
22	0·95	514
24	0·94	519
26	0·97	509
27	1·00	532
28	1·01	540
30	0·96	510
Approx. Monthly Mean		551
Normal Mean 1912-1930		746

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	10·36	498
12	10·42	548
17	10·38	529
22	10·41	508
28	10·36	497
31	10·37	509
Approx. Monthly Mean		522
Normal Mean 1912-1930		710

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	9·91	522
9	9·95	539
14	9·90	492
18	9·95	545
23	9·85	464
30	9·90	491
Approx. Monthly Mean		510
Normal Mean 1912-1930		735

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9·95	109
7	9·91	103
11	9·92	112
16	9·93	101
21	9·80	97
28	9·87	101
Approx. Monthly Mean		103
Normal Mean 1912-1930		159

Hillet Sherif (Blue Nile).

(Sennar Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9·86	116
4	9·86	116
7	9·86	114
9	9·86	114
12	9·80	107
14	9·80	105
16	9·80	103
18	9·80	105
20	9·82	108
23	9·83	113
25	9·83	109
28	9·91	128
30	9·90	128
Approx. Monthly Mean		113
Normal Mean 1912-1930		157

Gezîra Main Canal

(Kilo. 1·3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
15	16·07	67
15	16·07	67
31	16·12	72
31	16·12	73
Approx. Monthly Mean		67
Normal Mean 1926-1930		40

Roseires (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·34	110
4	11·31	105
6	11·28	102
8	11·25	99
10	11·23	95
12	11·21	92
14	11·20	91
16	11·20	88
18	11·19	89
20	11·18	89
22	11·20	92
24	11·22	94
26	11·23	98
28	11·20	90
30	11·16	85
Approx. Monthly Mean		95
Normal Mean 1912-1930		134

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	10·18	413
8	10·20	435
12	10·16	403
17	10·19	450
22	10·09	385
29	10·15	423
Approx. Monthly Mean		417
Normal Mean 1912-1930		562

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9·85	485
5	9·84	473
10	9·81	465
15	9·76	476
20	9·70	467
25	9·71	441
30	9·72	467
Approx. Monthly Mean		466
Normal Mean 1912-1930		584

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	10·90	40
4	10·90	43
9	10·85	28
14	10·82	27
19	10·76	31
29	10·76	37
Approx. Monthly Mean		34
Normal Mean 1912-1930		133

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Feb. 23	4·94	59
24	4·93	59
25	4·95	58
26	4·93	57
27	4·92	54
Approx. Monthly Mean		60

River Sobât (*contd.*)

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
Mar. 3	4·80	42
4	4·75	42
5	4·72	40
6	4·72	40
7	4·69	38
10	4·68	38
11	4·66	38
12	4·65	38
13	4·65	36
14	4·64	35
17	4·64	33
18	4·65	36
19	4·65	32
20	4·64	36
21	4·64	36

River Baro.

(600 mts. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
Feb. 23	4·62	42
24	4·64	43
25	4·64	43
26	4·60	41
27	4·56	40
Approx. Monthly Mean		45
Mar. 3	4·46	35
4	4·42	34
5	4·40	31
6	4·40	31
7	4·38	31
10	4·35	31
11	4·35	31
12	4·33	29
13	4·32	26
14	4·31	28
17	4·32	29
18	4·32	27
19	4·32	27
20	4·31	27
21	4·34	27

Gambeila (River Baro).

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
Feb. 20	9·22	51
24	9·26	40
27	9·20	26
Approx. Monthly Mean		45
Normal Mean 1928-1930		73
Mar. 3	9·14	24
6	9·12	23
10	9·08	23
13	9·06	22
17	9·04	24
20	9.20	29
25	9·22	29
27	9·16	25
31	9·08	21
Approx. Monthly Mean		25
Normal Mean 1928-1930		56

Discharges of the Nile during March, 1931 (*continued*).

Observed by the Irrigation Department.

River Pibor

600 mts. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Feb. 23	4·62	16
24	4·64	16
25	4·64	16
26	4·60	15
27	4·56	14
Approx. Monthly Mean		19
Mar. 3	4.46	16
4	4.42	12
5	4.40	12
6	4.40	12
7	4.38	12
10	4.35	11
11	4.35	11
12	4.33	10
13	4.32	10
14	4.31	10
17	4.32	9
18	4.32	8
19	4.32	9
20	4.31	7
21	4.34	8

Bahr el Zerâf (Kilo. 3).

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·24	116
8	11·24	115
13	11·20	119
18	11·19	115
28	11·16	113
Approx. Monthly Mean		115
Normal Mean 1912-1930		134

(D.S. Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·35	124
8	26·35	126
11	26·34	128
15	26·31	125
18	26·31	125
22	26·31	120
25	26·31	124
29	26·31	128
Approx. Monthly Mean		125
Normal Mean 1927-1930		129

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	27·93	12
10	27·91	12
14	27·90	13
17	27·90	13
21	27·90	14
24	27·90	15
28	27·90	13
Approx. Monthly Mean		13
Normal Mean 1927-1930		26

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·60	298
8	11·60	319
13	11·57	300
18	11·56	318
28	11·54	315
Approx. Monthly Mean		312
Normal Mean 1923-1930		295

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·46	309
17	13·46	314
28	13·44	310
Approx. Monthly Mean		311
Normal Mean 1923-1930		298

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·46	— 6*
17	13·46	18
28	13·44	6
Approx. Monthly Mean		7
Normal Mean 1923-1930		12

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·46	312
17	13·46	309
28	13·44	307
Approx. Monthly Mean		310
Normal Mean 1923-1930		289

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·45	356
5	26·43	357
9	26·43	361
12	26·42	339
16	26·42	352
19	26·42	343
23	26·41	343
26	26·41	344
30	26·41	343
Approx. Monthly Mean		349
Normal Mean 1927-1930		340

(D.S. Head of Zerâf Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26.45	236
5	26.43	236
9	26.43	237
12	26.42	235
16	26.42	232
19	26.42	234
23	26.41	233
26	26·41	234
30	26·41	237
Approx. Monthly Mean		235
Normal Mean 1927-1930		224

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·35	24
8	26·35	23
11	26·34	24
15	26·31	24
18	26·31	26
22	26·31	25
25	26·31	25
29	26·31	24
Approx. Monthly Mean		24
Normal Mean 1927-1930		27

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	27·93	90
10	27·91	93
14	27·90	89
17	27·90	89
21	27·90	88
24	27·90	88
28	27·90	90
Approx. Monthly Mean		90
Normal Mean 1927-1930		81

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·45	26
8	26·43	27
11	26·43	24
15	26 42	25
18	26·42	25
22	26·41	25
25	26·41	25
29	26·41	25
Approx. Monthly Mean		25
Normal Mean 1927-1930		28

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	11·71	89
10	11·70	92
14	11·69	92
17	11·69	90
21	11·68	91
24	11·68	91
28	11·68	91
Approx. Monthly Mean		91
Normal Mean 1927-1930		83

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	11·71	354
10	11·70	357
14	11·69	358
17	11·69	351
21	11·68	346
24	11·68	359
28	11·68	357
Approx. Monthly Mean		353
Normal Mean 1927-1930		345

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·38	687
4	11·39	699
5	11·38	684
6	11·37	679
7	11·37	684
9	11·36	678
11	11·36	684
12	11·36	674
13	11·36	685
14	11·36	630
16	11·36	667
17	11·35	697
18	11·35	708
19	11·36	705
20	11·40	736
21	11·42	742
23	11·46	753
24	11·48	763
25	11·42	731
Approx. Monthly Mean		700
Normal Mean 1912-1930		658

* Water flowing from the white Nile into Bahr el Ghazal.

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³/p.s.
			M.		
		River Sobât and Tributaries.			
7/3/31	Khor Makwai	At Mouth	4·81	Makwai	0
7/3/31	Pibor.	U.S. Makwai Junction...	4·81	„	9
1/3/31	Gila	Mouth	5·00	Gila	12
1/3/31	Pibor	D.S. Gila Junction	5·00	„	14
1/3/31	„	U.S. „ „	5·00	„	3
		Bahr el Jebel and Tributaries.			
10/3/31	Bahr el Jebel	Gemeiza, ...	428·33	Gemeiza	520
21/3/31	„	„	428.38	„	510
28/3/31	„	„	428·41	„	529
8/3/31	„	Giggin, ...	428·45	Giggin	143
19/3/31	„	„	428·45	„	146
27/3/31	„	„	428·53	„	156
9/3/31	„	1 Km. U.S. Terrikaka...	12·73	Terrikaka	657
20/3/31	„	„	12·79	„	694
29/3/31	„	„	12·90	„	698

P. Phillips,
Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 14m

" " sunset 18h 32m

From Observations taken at 8h. to-day.

Friday 1st May, 1931. ١٩٣١ الجمعة أول مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1017.1	-0.7	+1.4	N	1	1	15.2	-1.3	-4.8	25	—	13	—	86	+21	0	53	98	2
	MATRUH	1017.1	-1.1	+3.0	N	2	0	18.2	-0.6	-1.2	20	-4	13	-1	50	-22	0	177	157	2
	ALEXANDRIA	1016.7	-0.7	+2.3	NNE	1	3	18.4	-1.0	-1.8	23	-2	15	-1	73	+3	0	96	189	2
	PORT SAID	1015.5	-0.9	+2.9	ENE	2	0	19.0	-1.5	-2.4	24	-1	16	-1	63	-4	0	62	79	2
	GAZA	—	—	—	—	0	1	20.4	+1.2	-1.3	25	0	15	+2	59	-5	0	241	373	
	HAIFA	1012.2	-2.2	+0.7	SSW	1	3	21.0	0.0	-1.2	25	-1	15	0	61	0	0	665	641	3
LOWER EGYPT	TANTA	1015.5	-1.5	—	NNW	1	0	18.0	-0.6		29	—	12	—	70	—	0	35	—	—
	CAIRO EZBEKIYA	1014.8	-1.9	+1.7	NNE	2	1	18.4	-0.6	-2.5	28	-2	13	-2	63	+1	0	17	31	—
	CAIRO GIZA	1015.8	-0.9	+1.9	NNE	2	0	18.4	-0.7	—	28	-2	12	-1	68	—	0	21	29	—
	CAIRO HELWAN	1014.3	-0.9	+0.9	NNE	4	0	17.7	-2.7	-3.3	28	-2	14	-2	64	+14	0	19	34	—
	SIWA	1015.1	+1.3	+0.7	—	0	0	22.0	-1.0	+1.4	—	—	14	0	58	+2	0	35	7	—
RED SEA	SUEZ	1013.5	-1.5	+0.2	N	2	3	18.0	-1.0	-3.0	27	-3	14	-3	75	+6	0	28	25	2
	TOR	1009.1	-0.7	-2.8	NW	6	0	21.2	-1.0	-2.4	26	-3	19	+1	73	+5	0	11	14	6
	HURGHADA	1009.8	-1.0	—	NNW	6	0	22.0	-1.0	—	28	—	18	—	38	—	0	0		4
	QOSSEIR	1010.8	+0.6	—	NW	6	0	~~24.8~~ 24.8	-0.5	—	28	—	21	—	~~35~~	—	0	15	—	6
UPPER EGYPT	GEBALI	1015.5	-0.5	+2.0	N	3	0	19.0	-2.0	-3.2	30	-2	12	-2	63	+14	0	17		
	MINYA	1014.2	-0.1	—	NNW	3	0	18.5	0.0	-3.3	29	-3	14	-1	62	+6				
	ASYUT	1014.0	+0.4	+1.1	WNW	2	0	19.0	-1.9	-4.1	31	-2	15	-2	40	-1	0	7		
	QENA	1010.3	-0.7	—	SW	3	0	23.5	0.0	-3.0	37	0	18	0	26	-12				
	KHARGA	[illegible]	—	—	NNE	1	0	24.0	+0.6		34	—	19		31		0	1		
	ASWAN	1009.9	-0.3	-1.6	N	2	1	25.0	+0.7	-2.6	36	-2	20	0	21	-8	—	—	—	
NORTH SUDAN	WADI HALFA	[illegible]	—	—	NNE	1	[illegible]	23.0	-0.4	-3.5	37	-1	19	0	25	+2				
	MEROWE	1007.9	-0.3	-1.9	NNE	4	0	30.0	+1.0	-1.0	41	0	23	+1	9	-8	0	0	1	
	ATBARA	1007.1	-0.5	-1.1	N	2	0	33.0	+1.5	+1.6	43	+2	25	+3	16	+2	0	0	3	
	KHARTOUM	1005.1	-1.3	-2.9	NNE	3	0	30.8	+1.3	+0.4	41	+1	25	+1	7	-11	0	3	5	
EAST SUDAN	PORT SUDAN	1007.4	-2.4	-2.8	—	0	0	30.2	+0.1	+0.1	32	-1	23	+1	50	0	0	29	108	1
	KASSALA	1001.9	-1.9	-5.5	—	0	0	34.0	+2.0	+1.7	43	+2	25	+1	33	-3	0	0	13	
	WAD MEDANI	1003.0	—	-4.6	N	3	0	30.0	—	-0.8	42	0	21	-2	21	+2	0	8	15	
	ROSEIRES	1001.1	-2.3	-7.0	NNE	1	1	35.0	-0.5	+5.3	45	+5	—	—	46	+7	0	36	57	
SOUTH SUDAN	EL FASHER	1007.5	+1.5	—	WNW	1	0	27.0	-2.0	+0.4	43	+5	16	-3	15	-8	0	1	8	
	EL OBEID	1007.6	+0.4	-2.0	NE	2	1	31.0	-3.8	+1.6	41	+2	20	-1	17	-19	0	17	22	
	MALAKAL	1007.8	-3.2	-2.0	SSW	2	3	30.8	+0.4	+2.6	41	+4	27	+4	49	-10	tr.	107	120	
	WAU	1007.0	+0.2	-2.1	WSW	4	1	29.0	-0.8	+3.1	36	0	25	+3	64	-7	0	171	238	
	JUBA	1007.6	-0.4	—	NW	2	3	28.1	+0.1	—	37	—	25	—	68	—	0	281	295	

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

التوقعات لمدة ٢٤ ساعة ابتداء من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	80	+12	17.2	+1.3
Ezbekiya	56	+4	16.3	-1.1
Giza	54	+7	16.5	—
Helwan	43	+3	15.0	+0.6

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
1.5	640	878
30.4	627	877

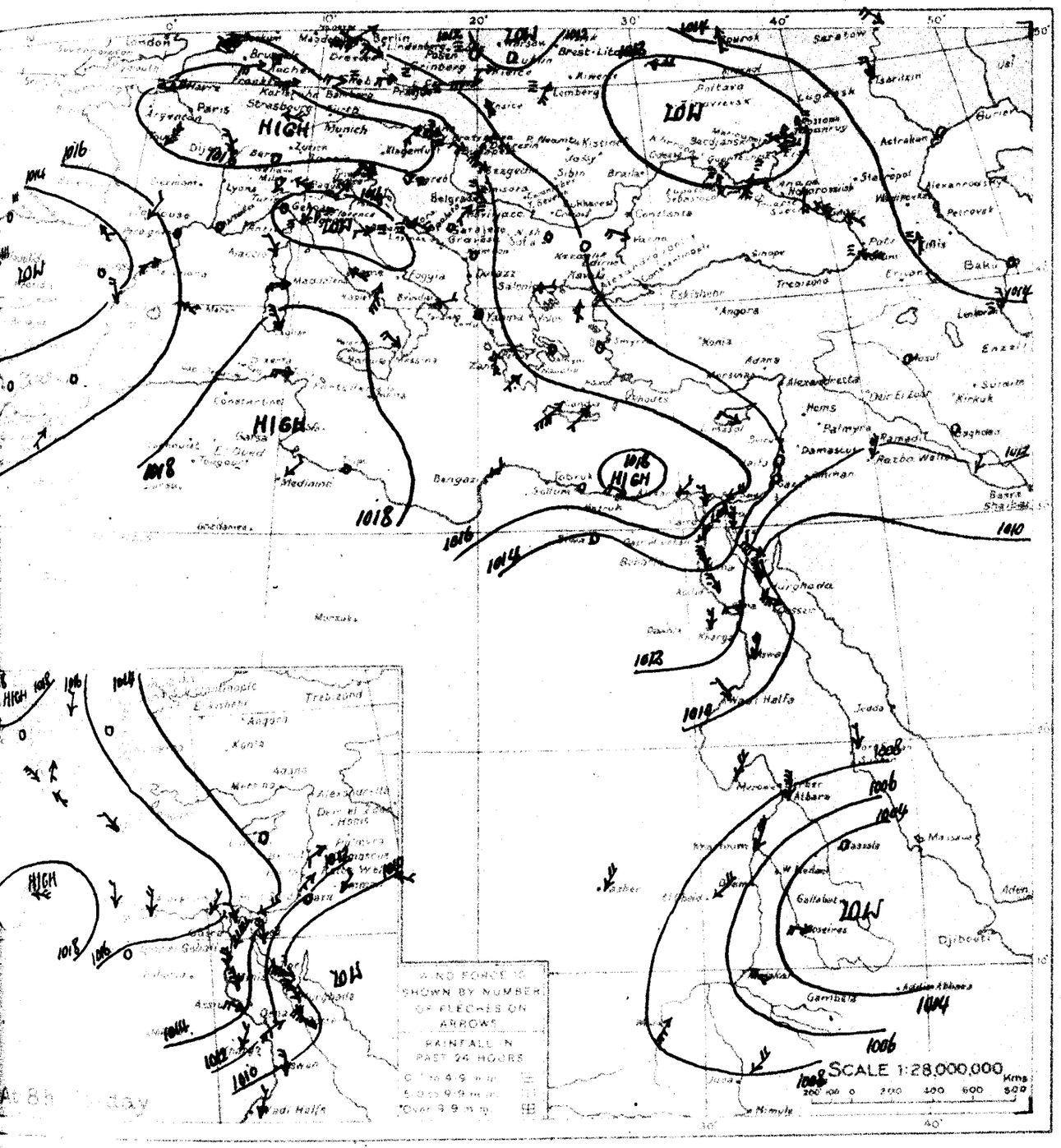
GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Previous day: Diff from normal
	1931	m.	m.	m.	m.
Juba	1.5	13.50	+0.05	13.64	+0.21
Nasser	29.4	4.76	-1.04	4.80	-0.95
Malakal	1.5	9.71	-0.34	9.71	-0.34
Roseires	1.5	10.98	-0.45	10.98	-0.44
Sennar Res.	1.5	6.45	—	6.39	—
Makwar	1.5	4.32	-0.86	4.30	-0.88
Khartoum	1.5	10.00	-0.08	10.07	0.00
Kh. el Girba					
Atbara	1.5	9.84	-0.07	9.81	-0.09
Wadi Halfa	1.5	0.82	-0.39	0.80	-0.41
Aswan Res.	1.5	108.86	—	108.94	—
" D.S.	1.5	85.06	-0.33	85.04	-0.34
El Leithi	1.5	16.76	-0.09	16.77	-0.08
Roda (Cairo)	1.5	15.73	+0.30	15.73	+0.30

PRINTED AT THE SURVEY OF EGYPT 1930(29/529/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٤-٣٠ Barometer and Wind at 8 h. Yesterday 30.4.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٤-٣٠ From Observations taken at 8 h. yesterday 30.4.31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal		At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C		%		mm	mm	mm	
MEDITERRANEAN	ROME	1016.7	+0.4	+3.1	SE	2	4	16	+2	—	20	—	13	—		70	—	—	—	602	—
	MALTA	1017.4	-1.0	+3.1	WNW	3	1	16	0	—	18	-3	13	-1		70	—	0	363	414	2
	CYPRUS	1015.2	+2.2	+1.6	—	0	8	16	0	—	—	—	—	—		60	—	—	—	325	—
	CANEA	1016.6	+1.1	+2.4	SW	1	1	20	-2	—	22	0	12	-2		—	—	0	489	437	1
	LIMASSOL	1014.4	+1.1	+1.6	WNW	1	0	19	0		23	-2	8	-4		—	—	0	371	440	1
EGYPT and SUDAN																					

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 11m

" " sunset 18h 33m

From Observations taken at 8h. to-day.

Saturday 2nd May, 1931 ١٩٣١ السبت ٢ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1017.1	0.0	+1.5	—	0	1	18.3	+3.1	-1.8	22	—	10	—	76	+12	0	53	98	0
	MATRUH	1017.1	0.0	+3.0	NW	1	0	17.2	-1.0	-2.3	20	-4	12	-2	61	-11	0	177	157	0
	ALEXANDRIA	1016.8	+0.1	+2.8	N	1	4	18.0	-0.4	-2.3	22	-3	15	-1	69	-1	0	96	189	2
	PORT SAID	1015.4	-0.1	+2.8	NNW	1	2	20.7	+1.7	-0.8	24	-1	17	0	68	-9	0	62	79	2
	GAZA	—	—	—	—	0	0	19.1	-1.3	-2.7	22	-3	14	+1	65	+1	0	241	373	—
	HAIFA	1013.0	+0.8	+1.5	—	0	0	22.0	+1.0	-0.3	25	-1	16	+1	76	+15	0	665	641	2
LOWER EGYPT	TANTA	1016.2	+0.7	—	W	1	3	18.9	+0.9	—	28	—	13	—	61	—	0	35	—	—
	CAIRO EZBEKIYA	1016.4	+1.6	+3.3	NW	2	0	18.3	-0.1	-2.7	29	-1	14	-1	63	+1	0	17	31	—
	CAIRO GIZA	1016.2	+0.4	+2.3	NNW	1	0	18.0	-0.4	—	28	-3	12	-1	65	—	0	21	29	—
	CAIRO HELWAN	1015.6	+1.3	+2.9	NNE	2	0	16.7	-1.0	-4.4	28	-3	13	-3	63	+13	0	19	34	—
	SIWA	1015.9	+0.8	+1.5	—	0	0	18.5	-3.5	-2.2	—	—	14	0	52	-4	0	35	7	—
RED SEA	SUEZ	1014.7	+1.2	+1.5	N	2	1	18.4	+0.4	-2.7	26	-4	15	-2	68	-1	0	28	25	1
	TOR	1011.2	+2.1	-0.7	NW	6	0	21.1	-0.1	-2.6	27	-3	19	+1	77	+9	0	11	14	6
	HURGHADA	1011.9	+2.1	—	NNW	6	0	22.4	+0.4	—	28	—	16	—	43	—	0	0		4
	QOSSEIR	1010.8	0.0	—	N	7	0	25.0	+0.7	—	28	—	23?	—	36	—	0	15	—	7
UPPER EGYPT	SEBALI	1016.4	+0.9	+2.9	N	3	0	18.5	-0.5	-3.9	30	-2	13	-1	61	+13	0	17		
	MINYA	1016.3	+2.1	—	WNW	2	0	18.5	0.0	-3.4	29	-3	13	-2	76	+20	—			
	ASYUT	1015.0	+1.0	+2.2	W	2	0	20.8	+1.8	-2.5	30	-3	16	-1	50	+9	0	7		
	QENA	1012.8	+2.5	—	NNW	3	0	24.7	+1.2	-1.9	37	0	19	+1	21	-17	—			
	KHARGA	1014.6	—	—	NNE	1	0	23.3	-0.7	—	32	—	19	—	36	—	0	1		
	ASWAN	1012.7	+2.8	+1.2	NNE	4	0	24.3	-0.7	-3.4	36	-2	20	0	25	-4	—	—	—	
SUDAN	WADI HALFA	1013.3	—	+2.2	N	2	[illegible]	24.0	+1.0	-2.6	36	-2	18	-1	20	-3	—	—	—	
	MEROWE	1009.8	+1.9	+0.1	NNE	6	0	28.0	-2.0	-3.1	42	+1	22	0	9	-8	0	0	1	
	ATBARA	1007.6	+0.5	-0.5	N	4	0	32.5	-0.5	+1.0	43	+2	27	+4	15	+1	0	0	3	
	KHARTOUM	1008.2	+3.1	+0.2	N	2	3	29.2	-1.6	-1.3	41	+1	27	+3	4	-14	0	3	5	
	FORT SUDAN	1009.6	+2.2	-0.5	NE	3	1	30.7	+0.5	+0.5	32	-1	23	0	51	+2	0	29	108	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1005.3	+4.2	-2.8	—	0	2	32.5	-2.5	+2.8	43	+3	28	+5	36	-4	0	36	59	
	EL FASHER	1008.0	+0.5	—	WNW	1	0	27.0	0.0	+0.4	41	+3	19	0	11	-12	0	1	8	
	EL OBEID	1008.3	+0.7	-1.3	NE	2	2	28.0	-3.0	-1.5	41	+2	22	+1	24	-12	0	17	22	
	MALAKAL																			
	WAU																			
	JUBA			—					—		—		—		—					

Upper Wind Observations at Helwan at h. m. 8 45

Height (metres)	Kms an hour	Direction
500	15	N
1000	30	N
1500	30	N
2000	30	N
3000	30	NNW

General Situation

A system of high pressure extends across the central Mediterranean to Egypt, with a depression over northern Iraq. A depression is situated over the western Mediterranean, and pressure west of Egypt is falling.

الحالة الجوية

تمتد منطقة ضغط مرتفع من اواسط البحر الابيض الى مصر مع وجود انخفاض على شمال العراق - وهناك ايضا انخفاض على غرب البحر الابيض والضغط على غرب مصر في هبوط.

Forecast for 24 hours from noon to-day.

Light to moderate winds chiefly northerly.
Clear or occasional high cloud.
Little change in temperature.
Further outlook: Warm weather probable in two days.

التوقعات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية في الغالب ما بين الخفيفة والمعتدلة - السماء صحو او يظهر بعض السحاب العالي - ولا تتغير الحرارة الا قليلا - واذا نظرنا بعيدا فان الطقس تزداد حرارته في يومين

STATION	Humidity Mean of Day Yesterday	Humidity Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Diff. from normal
	%	%	°C	°C
Alexandria	74	+5	16.0	0.0
Ezbekiya	55	+2	15.9	-1.6
Giza	61	+14	15.9	—
Helwan	51	+11	14.6	+0.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
1.5	640	878
30.4	627	877

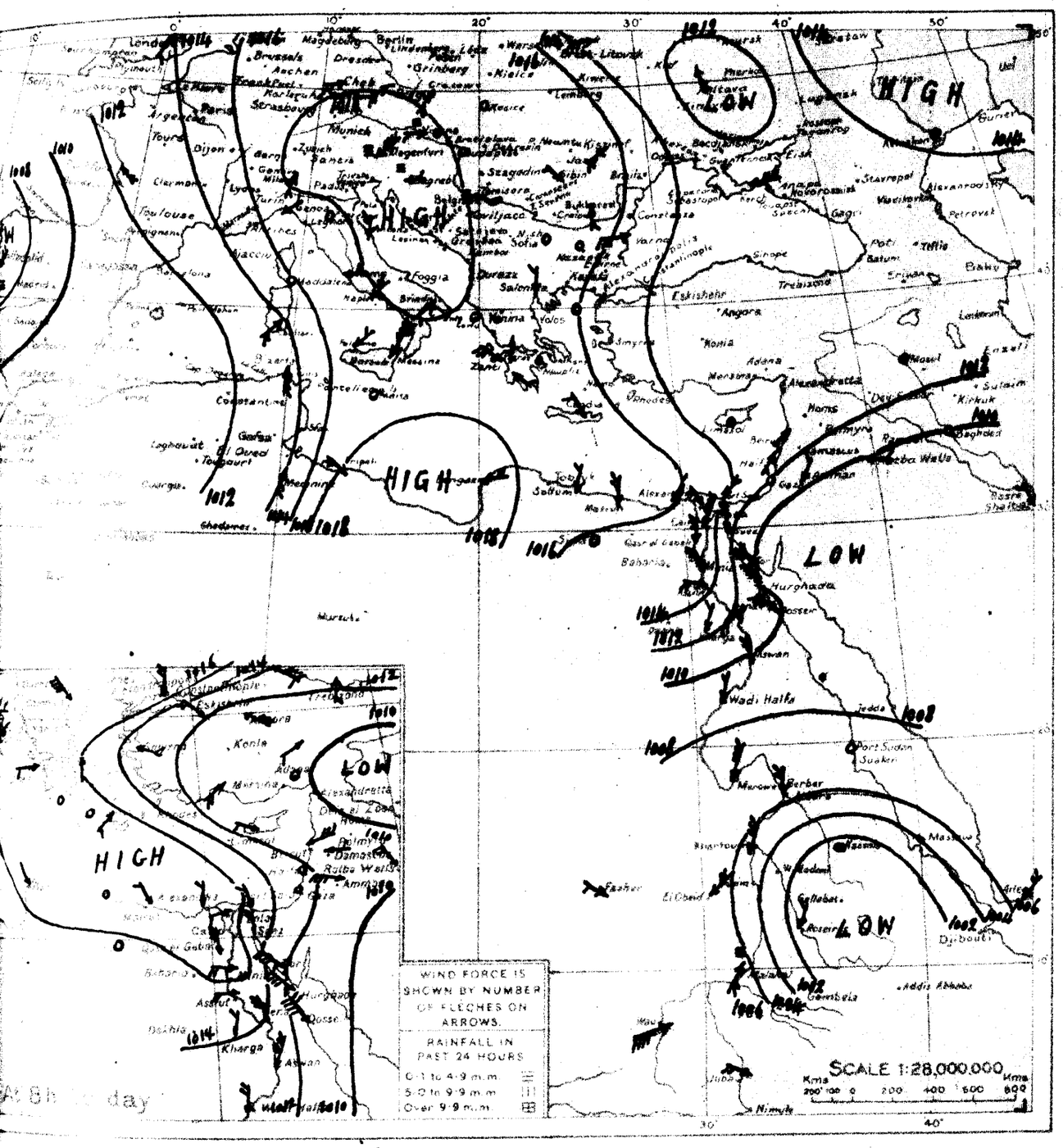
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	1.5	13.50	+0.05	13.64	+0.21
Nasser	29.4	4.76	-1.04	4.80	-0.95
Malakal	1.5	9.71	-0.34	9.71	-0.34
Roseires	2.5	10.98	-0.45	10.98	-0.45
Sennar Res.	1.5	6.45	—	6.39	—
Makwar	1.5	4.32	-0.86	4.30	-0.88
Khartoum	1.5	10.00	-0.08	10.07	0.00
Kh. el Girba					
Atbara	2.5	9.84	-0.07	9.84	-0.07
Wadi Halfa	1.5	0.82	-0.39	0.80	-0.41
Aswan Res.	1.5	108.86	—	108.94	—
" D.S.	1.5	85.06	-0.33	85.04	-0.34
El Leithi	2.5	16.76	-0.09	16.76	-0.09
Roda (Cairo)	2.5	15.43	+0.30	15.43	+0.30

PRINTED AT THE SURVEY OF EGYPT 1930(30/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-0-1 Barometer and Wind at 8 h. Yesterday 1.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-0-1 From Observations taken at 8 h. yesterday. 1.5.31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	C.A. from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b	m.b	m.b.				°C	°C.	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	PORT	1017.5	+0.8	+3.9	E	2	2	17	+1	—	21	—	12	—	60	—	—	—	604	—
	MALTA	1017.7	+0.3	+3.3	—	0	1	16	0	—	19	-2	12	-2	70	—	0	363	415	0
	ATHENS	1016.0	+0.8	+2.2	—	0	0	16	0	—	—	—	—	—	50	—	—	—	326	—
	CANDIA	1016.8	+0.2	+2.8	NW	1	1	20	0	—	23	+1	12	-2	—	—	0	489	438	1
	LIMASSOL	1013.0	-1.4	+0.5	—	0	0	21	+2		24	-1	9	-3	—	—	0	371	441	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 10

" sunset 18 34

From Observations taken at 8h. to-day.

Sunday 3rd May, 1931 ١٩٣١ الأحد ٣ مايو

	STATION	Barometer: Reduced to Sea Level (mm.)	Change in past 24 hours (mb)	Diff. from normal (mb)	Wind: Direction	Force	Sky	Temperature: At 8 h. (°C)	Change in past 24 hours (°C)	Diff. from normal (°C)	Maximum (°C)	Diff. from normal (°C)	Minimum (°C)	Diff. from normal (°C)	Humidity: At 8 h.	Diff. from normal	Rainfall: Past 24 hours (mm.)	Total from Oct. 1 to yesterday (mm.)	Normal from Oct. 1 to yesterday (mm.)	Sea
MEDITERRANEAN	SOLLUM	1015.7 ~~1016.6~~	−0.5	+1.1	SE	1	0	16.7	−1.6	−3.5	23	—	12	—	81	+17	0	33	98	1
	MATRUH	1015.0	−2.1	+0.9	W	1	0	16.0	−1.2	−3.6	20	−4	11	−4	61	−11	0	177	157	1
	ALEXANDRIA	1015.2	−1.6	+1.2	NE	1	1	18.5	+0.5	−1.9	22	−3	15	−1	77	+7	0	96	189	2
	PORT SAID	1014.2	−1.2	+1.7	ESE	2	1	19.9	−0.8	−1.8	24	−1	15	−2	60	−7	0	62	79	1
	GAZA																			
	HAIFA	1015.6	+2.6	+4.2	—	0	0	22.5	+0.5	+0.1	26	0	17	+2	60	−1	0	665	641	0
LOWER EGYPT	TANTA	1014.7	−1.5	—	SW	1	2	18.0	−0.9		28		10		71		0	35		
	CAIRO: EZBEKIYA	1014.7	−1.7	+1.6	N	1	0	18.1	−0.2	−3.0	28	−2	13	−2	72	+10	0	17	31	
	CAIRO: GIZA	1014.2	−2.0	+0.3	N	1	0	17.6	−0.4	—	28	−3	9	−4	74	—	0	21	29	
	CAIRO: HELWAN	1013.8	−1.8	+0.5	NNE	3	0	17.5	+0.8	−3.7	27	−4	13	−3	58	+8	0	19	34	
	SIWA	1013.3	−2.6	−1.1	—	0	0	19.0	+0.5	−1.9	—	—	15	+1	50	−6	0	35	7	
RED SEA	SUEZ	1012.4	−2.3	−0.8	N	2	0	19.0	+0.6	−2.3	26	−4	15	−2	72	+3	0	28	25	1
	TOR	1009.8	−1.4	−2.0	—	0	0	23.0	+1.9	−0.8	26	−4	18	0	64	−4	0	11	14	1
	HURGHADA				N															
	COSSEIR	1009.8	−1.0	—	~~NW~~	6	0	24.9	−0.1	—	28	—	22	—	36	—	0	15		6
UPPER EGYPT	GEBALI	1014.6	−1.8	+1.1	N	2	0	18.6	+0.1	−4.0	29	−3	13	−1	66	+18	0	17		
	MINYA	1013.4	−2.9	—	NW	3	0	18.0	−0.5	−4.0	28	−5	13	−2	62	+6				
	ASSIUT	1013.3	−1.7	+0.5	NW	2	0	19.0	−1.8	−4.4	29	−5	13	−4	54	+13	0	7		
	QENA	1011.1	−1.7	—	WSW	2	0	22.0	−2.7	−4.7	33	−4	17	−1	31	−7				
	KHARGA	1011.9	−2.7	—	NE	1	1	22.0	−1.3	—	31	—	12		39		0	1		
	ASWAN	1010.2	−2.5	−1.3	NNE	2	0	22.5	−1.8	−5.4	33	−5	16	−5	21	−8				
SUDAN	WADI HALFA	1011.9	−1.4	+0.8	—	0	[illegible]	20.6	−3.4	−6.2	33	−5	15	−4	23	0				
	MEROWE	1008.7	−1.1	−1.0	NE	3	0	28.0	0.0	−3.3	37	−4	18	−4	7	−10	0	0	1	
	KORTI	1009.5	+1.9	+1.4	N	2	0	29.0	−3.5	−2.6	39	−2	22	−1	24	+10	0	0	3	
	KHARTOUM	1008.2	0.0	+0.2	N	2	0	27.0	−2.2	−3.6	38	−2	22	−2	7	−11	0	3	5	
	PORT SUDAN	1009.8	+0.2	−0.3	N	4	0	29.1	−1.6	−1.2	32	−1	21	−2	35	−14	0	29	108	4
	KASALA																			
	WAD MEDANI	1007.0	—	−0.6	NNW	3	0	30.5	−0.5	−0.4	42	0	22	−1	12	−8	0	8	16	
	ROSEIRES																			
	EL FASHER																			
	EL OBEID																			
	WADI SEIDNA	1007.5	−1.9	−2.4	NNW	2	0	32.2	+3.2	+4.1	33?	−4	25	+2	38	−21	0	107	126	
	KOSTI																			

Upper Air Soundings

Time	Height	Wind
	8 15	
500	15	NNE
1000	35	NE
1500	25	NNE
2000	30	N
3000	15	NNW

General Situation

The high pressure is weakening, and pressure over the central Mediterranean and west of Egypt is falling rapidly. There is a deep depression over France, and a fairly deep depression which is now centred near Malta is approaching.

الحالة الجوية

الارتفاع آخذ فى الاضمحلال والضغط آخذ فى الهبوط بسرعة فوق أواسط البحر الابيض وغرب مصر وهناك انخفاض عميق الغور فوق فرنسا وآخر عميق نوعا فوق مالطة مقبل نحو مصر.

Forecast for 24 hours from noon to-day.

Light winds chiefly northerly, becoming east to southeast on the coast and northeast to east inland.

Clear or occasional high cloud.

Warmer tomorrow.

التوقعات لمدة ٢٤ ساعة من الظهر الى الظهر

رياح خفيفة اكثرها شمالية تتحول الى شرقية وجنوبية شرقية على الساحل والى شمالية شرقية وشرقية فى الداخل - السماء صحو او ظاهر بها بعض السحاب العالى احيانا - ترتفع درجة الحرارة غدا.

STATION	Humidity Mean of Day: Yesterday (%)	Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Diff. from normal (°C)
Alexandria	71	+2	15.2	−0.9
Ezbekiya	60	+7	17.1	−0.5
Giza	59	+12	15.8	—
Helwan	50	+10	14.1	−0.4

NOTE A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices in ½ per sec

DATE	1931	1910
3.5	641	879
2.5	639	877

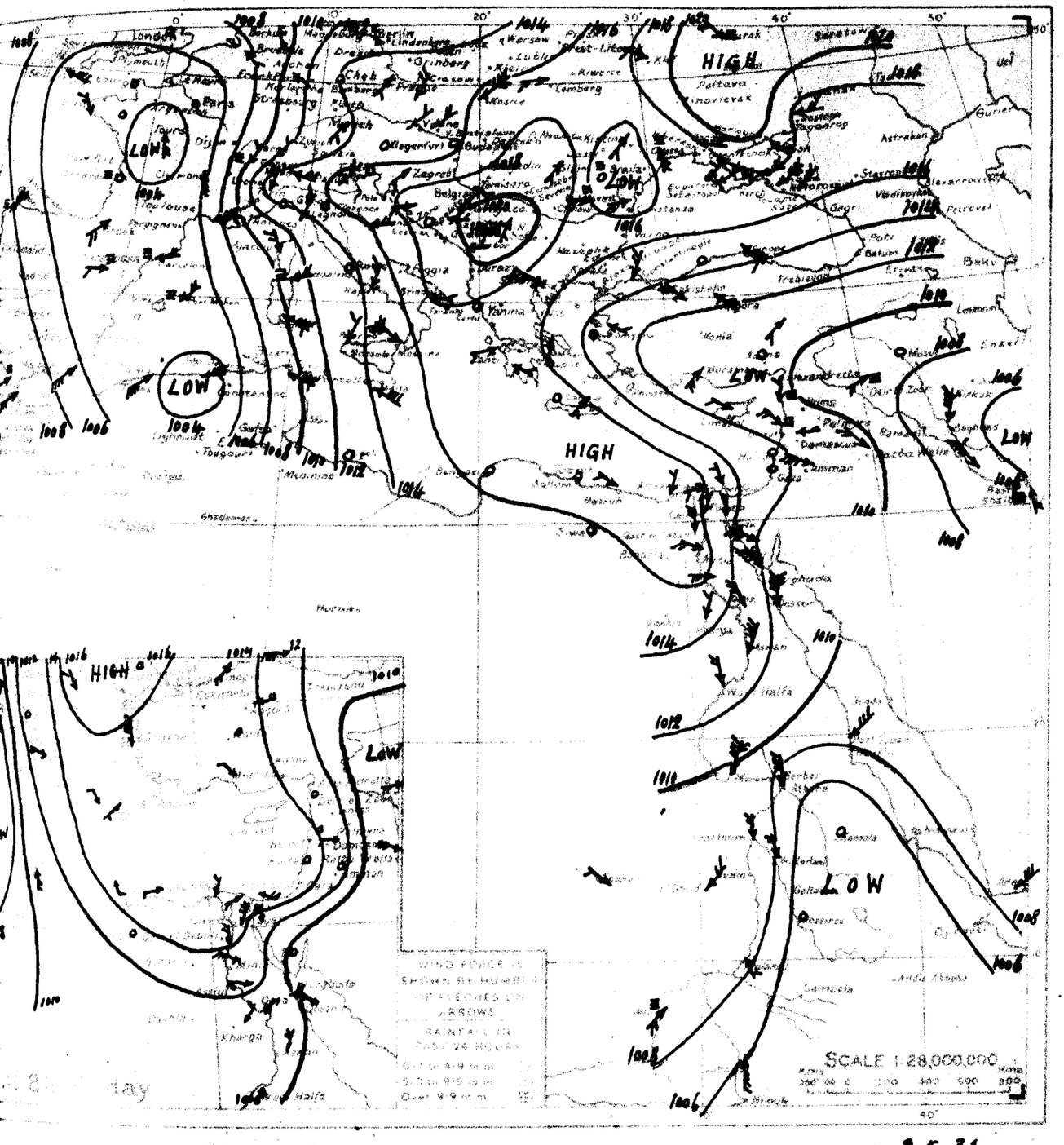
GAUGE	Date 1931	Reading (m)	Diff. from normal (m)	Reading (m)	Diff. from normal (m)
Juba	2.5	13.49	+0.03	13.50	+0.05
Nasser	29.4	4.76	−1.04	4.80	−0.95
Malakal	2.5	9.68	−0.38	9.71	−0.34
Roseires	3.5	10.95	−0.47	10.98	−0.45
Sennar Res.	2.5	5.53	—	6.45	—
Makwar	2.5	4.29	−0.89	4.32	−0.86
Khartoum	2.5	9.84	−0.19	10.00	−0.01
Kh. el Girba					
Atbara	3.5	9.83	−0.08	9.84	−0.07
Wadi Halfa	3.5	0.84	−0.36	0.82	−0.39
Aswan Res.	3.5	108.67	—	108.73	—
" D.S.	3.5	85.07	−0.34	85.08	−0.32
El Leithi	3.5	16.74	−0.11	16.76	−0.09
Roda (Cairo)	3.5	15.75	+0.33	15.73	+0.30

PRINTED AT THE SURVEY OF EGYPT (320(29/5/31)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٥-C Barometer and Wind at 8 h. Yesterday 2.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٥-C From Observations taken at 8 h. yesterday. 2.5.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in Sea Level	Diff from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff from normal	Maximum	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.4	-4.1	-0.4	—	0	4	14	-3	—	22	—	10	—	70	—	—		606	—
	MALTA	1015.4	-2.3	+1.0	SE	4	3	17	+1	—	21	0	14	0	80	—	0	363	415	2
	ATHENS	1015.5	-0.5	+1.7	S	1	0	18	+2	—	—	—	12	-1	50	—	—	—	327	—
	CANDIA	1016.0	-0.8	+2.0	SW	1	0	20	0	—	22	0	11	-3	—	—	0	489	439	1
	LIMASSOL	1011.8	-1.2	-0.9	WNW	1	0	19	-2		23	-2	8	-4	—	—	0	371	443	1
EGYPT and SUDAN	Kassala كسلا	1004.2	+2.3	-3.2	—	0	0	34.0	0.0	+1.7	43	+2	28	+4	45	+9	0	0	13	—
	Wad Medani ود مدنى	—	—	—	N	2	3	31.0	+1.0	+0.2	45	+3	25	+2	25	+5	0	8	15	—
	Malakal ملكال	1009.4	+1.6	-0.4	SSE	1	3	29.0	-1.8	+0.8	39	+2	26	+3	58	-1	0	107	123	—
	Wau واو	1008.2	+1.2	-0.9	SW	2	0	26.2	-2.8	+0.3	31	-5	21	-1	71	0	3	174	243	—
	Juba جوبا	1007.8	+0.2	—	S	4	1	28.5	+0.4	—	37	—	25	—	67	—	0	281	298	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 09

" " sunset 18 34

From Observations taken at 8h. to-day.

Monday 4th May, 1931 ١٩٣١ الاثنين ٤ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Sept.	Rainfall: Total last year to date	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.1	-3.5	-2.3	NNE	1	3	21.8	+5.1	+1.5	24		13		45	-19	0	53	98	0
	MATRUH	1013.6	-1.4	-0.4	ESE	1	0	18.4	+2.4	-1.3	21	-3	11	-4	48	-24	0	177	157	0
	ALEXANDRIA	1012.6	-2.6	-1.4	—	0	[illegible]	16.2	-2.3	-4.3	23	-2	14	-2	93	+23	0	96	189	0
	PORT SAID	1013.4	-0.8	+0.9	S	2	0	20.6	+0.7	-1.2	24	-1	16	-1	69	+2	0	62	79	1
	GAZA	—	—	—	—	0	0	20.2	-0.6	-1.9	24	-2	14	0	69	+6	0	241	373	
	HAIFA	1011.6	—	+0.2	—	0	0	22.1	-0.4	-0.5	27	+1	19	+4	71	+10	0	665	642	0
LOWER EGYPT	TANTA	1013.6	-1.1	—	SSE	1	0	19.2	+1.2	—	30		15		70		0	35		
	EZBEKIYA	1013.5	-1.2	+0.5	NE	1	0	19.3	+1.2	-2.0	29	-2	14	-1	55	-7	0	17	31	
	GIZA	1012.6	-1.6	-1.2	N	2	0	18.7	+1.1	—	28	-3	10	-3	60	—	0	21	29	
	HELWAN	1011.9	-1.9	-1.4	SE	1	0	20.3	+2.8	-1.1	28	-3	14	-2	29	-21	0	19	34	
	SIWA	1012.4	-0.9	-1.9	—	0	0	21.0	+2.0	-0.1	—	—	12	-2	27	-28	0	35	7	
RED SEA	SUEZ	1011.0	-1.4	-2.1	N	4	0	18.0	-1.0	-3.4	27	-4	13	-4	73	+5	0	28	25	4
	TOR	1009.1	-0.7	-2.6	NW	4	0	21.2	-1.8	-2.7	26	-4	16	-2	80	+12	0	11	14	3
	HURGHADA	1009.5	-0.8	—	NNW	5	0	23.0	+1.2		27		16		31		0	0		3
	QOSSEIR	1009.0	-0.8	—	N	6	0	25.1	+0.2	—	28	—	21	—	35		0	15		6
UPPER EGYPT	GEBALI	1013.1	-1.5	-0.3	N	2	0	19.0	+0.4	-3.8	30	-2	13	-1	63	+15	0	17		
	MINYA	1012.3	-1.1	—	WSW	3	0	18.5	+0.5	-3.7	30	-3	12	-3	60	+4				
	ASSIUT	1012.3	-1.0	-0.5	NW	3	0	20.3	+1.3	-3.3	30	-4	14	-3	36	-5	0	7		
	DAKHLA	1010.0	-1.1	—	W	2	0	22.5	+0.5	-4.4	36	-1	15	-3	31	-7				
	KHARGA	1010.7	-1.2	—	NE	1	0	24.9	+2.9	—	32		18		29		0	1		
	ASWAN	1009.6	-0.6	-1.8	NNE	2	0	23.5	+1.0	-4.5	34	-4	16	-5	12	-17				
	KOM OMBO	1010.0	-1.9	-1.0	—	0	[illegible]	22.2	+1.6	-4.7	34	-4	16	-3	12	-11				
	WADI HALFA	1010.4	+1.7	+0.8	NE	2	0	25.0	-3.0	-6.4	38	-3	19	-4	14	-3	0	0	1	
	ATBARA																			
	KHARTOUM	1007.9	-0.3	-0.1	NNW	2	0	25.9	-1.1	-4.8	38	-3	20	-4	6	-13	0	3	5	
	PORT SUDAN	1009.8	0.0	-0.2	N	1	0	29.2	+0.1	-1.2	32	-2	20	-3	44	-4	0	29	108	1
	KASSALA																			
	WAD MEDANI	1006.8	-0.2	-0.8	NNW	2	0	29.5	-1.0	-1.5	40	-2	20	-3	19	-2	0	8	16	
	SENNAR RES.	1006.3	+3.1	-1.9	NNW	1	0	32.0	-0.5	+2.4	42	+3	23	0	28	-13	0	36	62	
	EL FASHER	1009.4	+2.0	—	WNW	1	0	25.0	-2.0	-1.8	38	0	13	-7	11	-13	0	1	9	
	EL OBEID																			
	KADUGLI	1007.8	+0.3	-2.1	NE	2	3	33.2	+1.0	+5.1	41	+4	26	+3	10	-50	0	107	128	
	WAU																			
	JUBA																			

Upper Wind Observation at Helwan at 8 30

Height (Metres)	Speed (Knots per hour)	Direction
500	25	ENE
1000	40	NE
1500	40	NNE
2000	25	N
3000	15	WNW

General Situation

The high pressure continues to weaken. The Mediterranean depression is now situated southwest of Benghazi and is approaching. A depression has developed over Northern Arabia.

الحالة العامة

يستمر الضغط العالي في التضعضع ويتم انخفاض البحر الابيض في جنوب غرب بني غازي وهو يقترب كوصل وقد تكون انخفاض على شمال جزيرة العرب

Forecast for 24 hours from noon to-day.

Moderate winds, east to southeast on the coast, northeast to southeast inland.
Clear at first, some high cloud later.
Warmer.
Moderate khamsin conditions.

توقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح معتدلة شرقية الى جنوبية شرقية على الساحل وشمالية شرقية تتحول الى الجنوب الشرقي في الداخل السماء صحو اولا ثم يتلبد السحاب العالي تزداد حرارة الجو ويصير خماسينيا متوسطا

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	76	+7	16.2	0.0
Ezbekiya	56	+3	16.3	-1.4
Giza	55	+8	15.2	—
Helwan	46	+6	13.9	-0.6

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

X: Nasser river gauge reading for 11.3.31 published on 13 & 14.3.31 should read 4.66 instead of 4.64 m.

ملاحظة - صحة قراءة النهر بمقياس الناصر يوم ١١-٣-٣١ المذكورة بتقريري يومي ١٣ و ١٤ مارس هي ٤٫٦٦ بدلا من ٤٫٦٤ مترا.

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
3.5	641	879
2.5	639	877

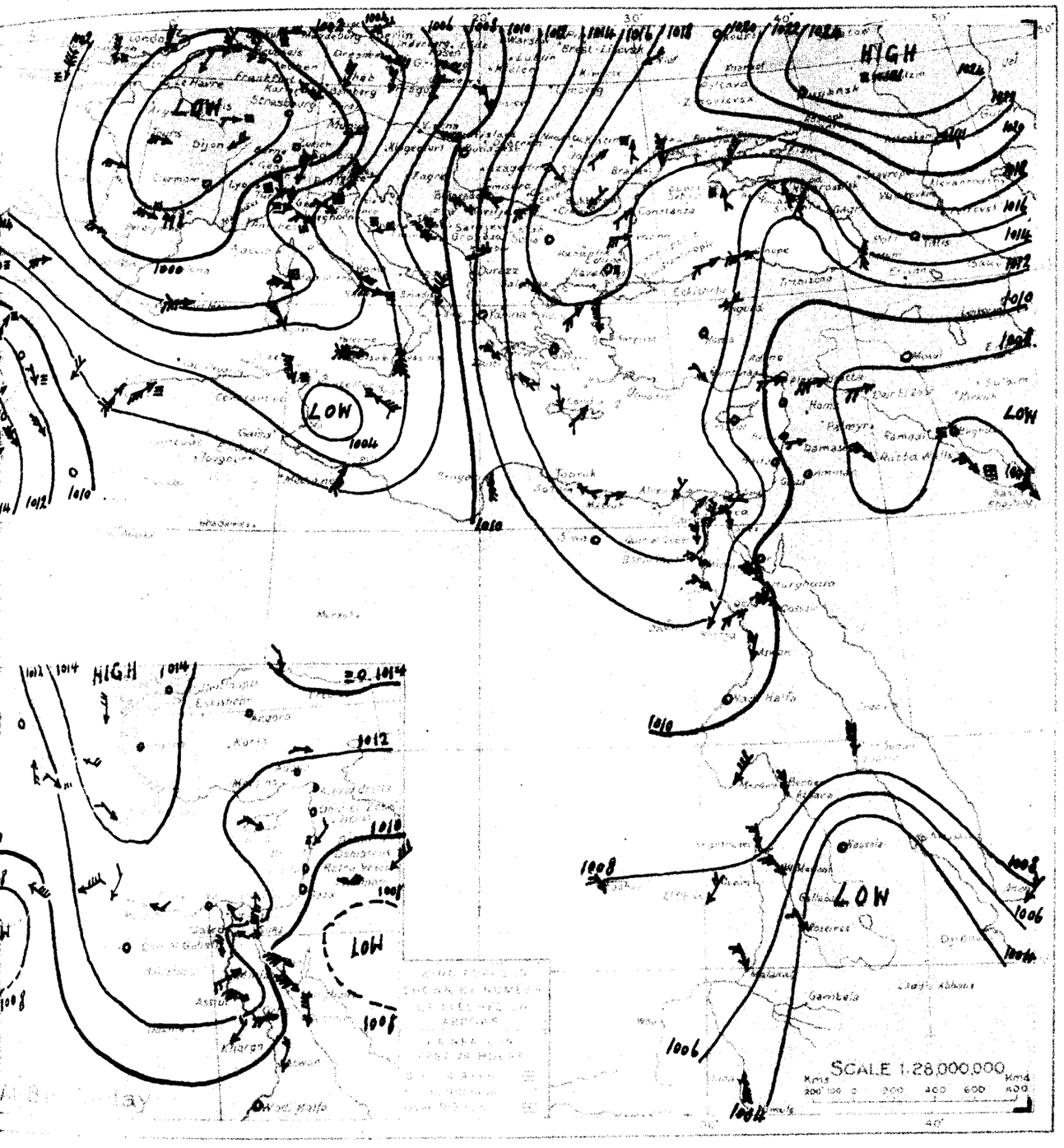
GAUGE	Date	Reading	Diff from normal	Rise	Rise
	1931	m	m		
Juba	3.5	13.48	+0.01	13.49	+0.03
Nasser X	1.5	4.73	-1.16	4.76	-1.00
Malakal	3.5	9.66	-0.40	9.68	-0.38
Roseires	3.5	10.95	-0.47	10.98	-0.45
Sennar Res.	3.5	5.46	—	5.53	—
Makwar	3.5	4.28	-0.90	4.29	-0.89
Khartoum	4.5	9.87	-0.22	9.86	-0.22
Kh. el Girba					
Atbara	4.5	9.79	-0.12	9.83	-0.08
Wadi Halfa	4.5	0.86	-0.34	0.84	-0.36
Aswan Res.	3.5	108.67	—	108.73	—
" D.S.	3.5	85.07	-0.34	85.08	-0.32
El Leithi	3.5	16.74	-0.11	16.76	-0.09
Roda (Cairo)	4.5	15.77	+0.35	15.45	+0.33

PRINTED AT THE SURVEY OF EGYPT 1928(29/659/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٥-٢ Barometer and Wind at 8 h. Yesterday 3.5.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Rainy	5
Snow	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٥-٢ From Observations taken at 8 h yesterday 3.5.31.

	BAROMETER Reduced to Sea Level	Change in 24 hours	Diff. from normal	WIND Direction	Force	Sky	AIR At	Diff. from normal	Diff. from normal	Max.	Min.	Diff. from normal	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Rain 24 hours	Rain 30 days	Rain 1 Jan. to yesterday	SEA
	mb.	mb.	mb.				C	C	C	C	C	C	C	%		mm.	mm.	mm.	
	1002.8	-10.6	-11.0	SE	3	4	18	+4	—	20	—	13	—	40	—	—	—	608	—
	1004.9	-10.5	-9.7	SE	5	4	18	+1	—	19	-2	17	+3	70	—	trace	363	416	3
	1015.5	0.0	+1.7	—	0	3	17	-1	—	—	—	13	0	50	—	—	—	327	—
	1015.5	-0.5	+1.5	SW	1	1	19	-1	—	24	+2	12	-2	—	—	0	489	439	1
	1011.1	-0.7	-1.6	—	0	0	21	+2		23	-2	11	-1	—	—	0	371	443	1
Hurghada	1010.3	-1.6	—	NNW	5	0	21.8	-0.6	—	28	—	16	—	40	—	0	0	—	3
Kassala	1003.2	-1.0	-4.2	—	0	0	33.5	-0.5	+1.2	41	0	25	+1	30	-6	0	0	14	—
Roseires	1003.2	-2.1	-5.0	NNW	1	1	32.5	0.0	+2.9	40	+1	19	-4	18	-22	0	36	60	—
El Fasher	1007.4	-0.6	—	NNW	1	0	27.0	0.0	+0.3	41	+3	17	-3	11	-13	0	1	9	—
El Obeid	1007.8	-0.5	-1.8	NE	2	2	27.5	-0.5	-2.0	38	-1	15	-6	16	-19	0	17	23	—
Juba	1006.7	-1.1	—	S	4	2	27.8	-0.7	—	38	—	23	—	71	—	0	281	302	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 09 m

" " sunset 18 h 35 m

From Observations taken at 8h to-day.

Tuesday 5th May, 1931 ١٩٣١ الثلاثاء ٥ مايو

	STATION	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (m.m.)	Rainfall: Total since 1st Oct. (m.m.)	Rainfall: Total last year to date (m.m.)	Sea (°C)
MEDITERRANEAN	SOLLUM	1012.6	-0.5	-2.7	—	0	0	20.3	-1.5	-0.2	27	—	14 ~~16~~	—	71	+7	0	53	98	0
	MATRUH	1013.1	-0.5	-0.9	SE	2	0	20.2	+1.8	+0.4	24	0	14	-1	43	-29	0	177	157	2
	ALEXANDRIA	1013.5	+0.9	-0.5	ENE	1	1	20.3	+4.1	-0.3	23	-3	15	-1	67	-3	0	96	189	1
	PORT SAID	1013.1	-0.3	+0.6	ESE	3	2	20.9	+0.3	-1.0	25	0	18	0	71	+3	0	62	79	1
	GAZA	—	—	—	—	0	3	19.8	-0.4	-2.4	25	-1	13	-1	75	+12	~~9~~ 0	250	373	
	HAIFA	1011.0	-0.6	-0.3	—	0	0	21.1	-1.0	-1.6	25	-2	17	+2	72	+11	0	665	642	1
LOWER EGYPT	TANTA	1014.8	—	—	NE	1	1	21.0	+1.8	—	30	—	16		64		0	35		
	CAIRO / EZBEKIYA	1013.1	-0.4	+0.1	NNE	2	1	21.3	+2.0	-0.1	30	-1	16	+1	56	-6	0	17	31	
	CAIRO / GIZA	1012.4	-0.2	-1.4	N	2	3	21.0	+2.3	—	30	-1	15	+2	55	—	0	21	29	
	CAIRO / HELWAN	1011.9	0.0	-1.4	WNW	2	1	20.8	+0.5	-0.7	30	-1	17	+1	41	-9	0	19	34	
	SIWA	1011.5	-0.9	-2.8	—	0	0	23.3	+2.3	+2.0	—	—	19	+5	17	-38	0	35	7	
RED SEA	SUEZ	1011.0	0.0	-2.1	N	3	2	20.0	+2.0	-1.5	30	-1	17	0	68	0	0	28	25	3
	TOR	1009.6	+0.5	-2.0	NW	2	2	23.0	+1.8	-0.9	27	-3	20	+2	76	+8	0	11	14	2
	HURGHADA	1009.5	0.0	—	NNW	5	0	24.2	+1.2	—	28	—	16		32	—	0	0		3
	QOSSEIR	1010.7	+1.7	—	N	5	0	26.4	+1.3	—	28	—	22	—	27	—	0	15		4
UPPER EGYPT	GEBALI	1012.8	-0.3	-0.6	N	2	0	22.0	+3.0	-0.9	31	-1	13	-1	49	+1	0	17		
	MINIA	1012.3	0.0	—	NW	3	0	19.5	+1.0	-3.0	33	0	13	-2	63	+7				
	ASYUT	1012.3	0.0	-0.4	WNW	2	0	22.0	+1.7	-1.8	32	-2	16	-1	39	-1	0	7		
	QENA	1011.0	+1.0	—	W	1	1	22.1	-0.4	-4.9	36	-2	16	-3	33	-5				
	KHARGA	1011.2	+0.5	—	NE	1	0	25.3	+0.4	—	34	—	17		30		0	1		
	ASWAN	1010.4	+0.8	-1.0	—	0	0	23.6	+0.1	-4.6	36	-2	17	-4	15	-14				
SOUDAN	WADI HALFA	1011.0	+1.0	0.0	—	0	~~1~~	24.0	+1.8	-3.1	36	-3	16	-3	46	+23				
	MEROWE	1009.6	-0.8	0.0	NE	2	0	27.0	+2.0	-4.5	38	-3	19	-4	15	-2	0	0	1	
	KASSALA	1008.0	-0.2	-0.1	N	3	0	29.5	-1.0	-2.3	40	-1	21	-2	25	+11	0	0	4	
	KHARTOUM	1008.6	+0.7	+0.6	N	2	0	27.7	+1.8	-3.1	37	-4	19	-5	3	-16	0	3	5	
	PORT SUDAN	1009.8	0.0	-0.2	N	1	0	30.1	+0.9	-0.5	33	-1	25	+2	46	-2	0	29	108	1
	WEDJA																			
	WAD MEDANI																			
	ATBARA	1007.8	+1.5	-0.5	—	0	0	31.0	-1.0	+1.5	42	+3	24	+1	48	+7	0	36	64	
	SENNAR																			
	ELDUEIM	1009.1	+0.1	-0.5	NE	2	~~2~~ 1	26.8	+1.3	-2.8	37	-2	16	-5	6	-32	0	17	24	
	KOSTI	~~1010.4~~	+2.6	+0.4	N	1	2	27.2	-6.0	-0.8	38	+1	~~23~~ 10		58	-3	0	107	131	
	WAU																			
	JUBA																			

Last Wind Observations at Stations of Sea Level

Time	Force	Direction
8 30		
500	15	E
1000	45	N
1500	30	N
2000	35	NW
3000	30	NW

General Situation

The depression is now south of Benghazi and is approaching Egypt across the Libyan desert. Pressure in Egypt continues to fall slowly.

الحالة العامة

يوجد الانخفاض الآن بجنوب بنغازي وهو مقبل مارا فوق صحراء ليبيا - والضغط فوق مصر لا يزال يهبط ببطء.

Forecast for 24 hours from noon to-day.

Moderate northeast and east winds, veering to southeast.
Some high cloud, increasing.
Warmer.
Moderate khamsin conditions.

الفرجة لمدة ٢٤ ساعة من ظهر اليوم الطرفة

رياح معتدلة بين شمالية شرقية وشرقية تتحول الى جنوبية شرقية - يتكاثر السحاب العالي - ترتفع درجة الحرارة - والطقس خمسيني متوسط.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	83	+14	16.8	+0.5
Ezbekiya	45	-8	15.7	-2.1
Giza	49	+2	15.5	—
Helwan	25	-15	13.3	-1.3

NOTE. A dash means that figures are not available

Terms of Subscription By inland Post, PT. 100 annually
" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
5.5	641	877
4.5	639	878

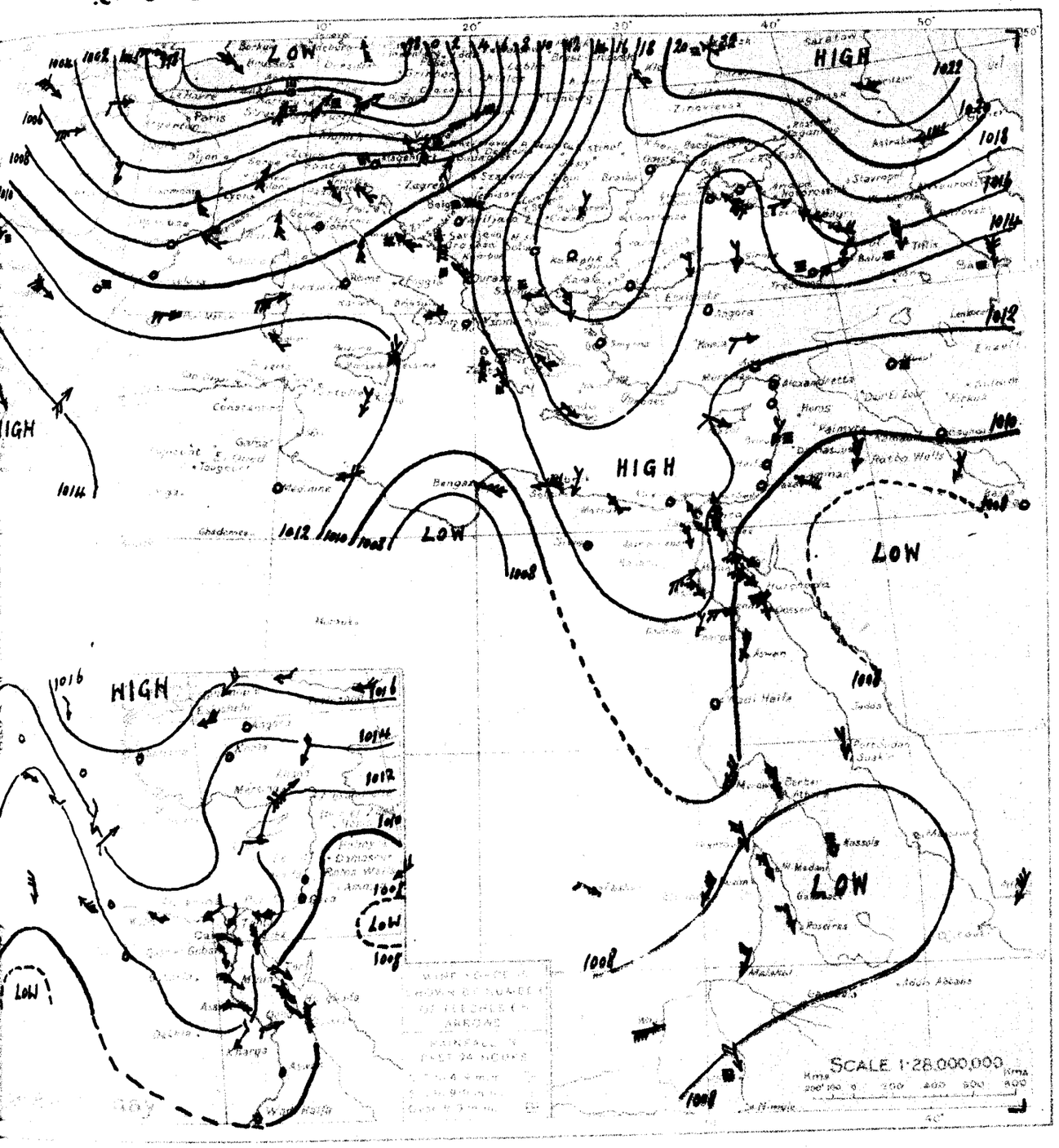
GAUGE	Date (1931)	Reading (m.)	Diff. from normal (m.)	Previous day: Reading (m.)	Previous day: Diff. from normal (m.)
Juba	4.5	13.50	+0.02	13.48	+0.01
Nasser	3.5	4.72	-1.25	4.72	-1.22
Malakal	4.5	9.67	-0.40	9.66	-0.40
Roseires	4.5	10.92	-0.50	10.95	-0.47
Sennar Res.	4.5	5.46	—	5.46	—
Makwar	4.5	4.26	-0.92	4.28	-0.90
Khartoum	5.5	9.86	-0.23	9.87	-0.22
Kh. el Girba					
Atbara	5.5	9.75	-0.17	9.79	-0.12
Wadi Halfa	5.5	0.92	-0.28	0.86	-0.34
Aswan Res.	5.5	108.53	—	108.61	—
" D.S.	5.5	85.06	-0.37	85.07	-0.35
El Leithi	5.5	16.73	-0.11	16.74	-0.10
Roda (Cairo)	5.5	15.79	+0.37	15.77	+0.35

PRINTED AT THE SURVEY OF EGYPT 1929(25/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٤-٥-٣١ Barometer and Wind at 8 h. Yesterday 4.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Rough	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤-٥-٣١ From Observations taken at 8 h. yesterday. 4.5.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
Rome	1010.0	+7.2	-3.9	—	0	4	18	0	—	20	—	13	—	70	—	—	—	610	—
Malta	1012.0	+7.1	-2.6	NNE	1	0	18	0	—	22	+1	15	+1	70	—	0	363	416	1
Athens	1014.3	-1.2	+0.5	SE	2	3	18	+1	—	—	—	12	-2	40	—	—	—	328	—
Candia	1014.7	-0.8	+0.7	NW	1	1	22	+3	—	24	+2	13	-1	—	—	0	489	439	1
Cerasol	1010.8	-0.3	-1.9	WNW	1	0	21	0		24	-1	8	-4	—	—	0	371	444	0
Atbara العطبرة	1008.2	-1.3	+0.1	N	3	0	30.5	+1.5	-1.2	40	-1	22	-1	24	+10	0	0	3	—
Kassala كسلا	1006.2	+3.0	-1.2	—	0	0	31.0	-2.5	-1.3	41	0	22	-2	32	-4	2	2	14	—
El Obeid الرهيد	1009.0	+1.2	-0.6	NE	3	0	25.5	-2.0	-4.0	37	-2	16	-5	32	-5	0	17	23	—
Wau واو	1007.1	+0.8	-2.1	WSW	4	0	29.7	+0.9	+3.9	39	+3	27	+5	60	-12	0	174	252	—
Juba جوبا	1009.4	+2.7	—	NNW	2	3	25.4	-2.4	—	28	—	23	—	85	—	13	294	305	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 08

" " sunset 18 35

From Observations taken at 8h. to-day:

Wednesday 6th May, 1931 ١٩٣١ الأربعاء ٦ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st October last year	Rainfall: Total since 1st October this year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MED. TERRANEAN	SOLLUM	1009.8	−2.8	−3.5	—	0	3	23.1	+2.8	+2.5	27	—	17	—	53	−11	0	53	98	0
	MATRUH	1011.0	−2.1	−3.0	SE	2	0	20.6	+0.4	+0.7	26	+2	15	0	32	−40	0	177	157	2
	ALEXANDRIA	1012.8	−0.7	−1.2	E	1	2	19.5	−0.8	−1.2	24	−2	12	−5	79	+9	0	96	189	2
	PORT SAID	1012.7	−0.4	+0.2	SSE	1	0	21.8	+0.9	−0.2	25	0	16	−2	75	+7	0	62	79	1
	GAZA	—	—	—	—	0	1	21.3	+1.5	−1.1	27	+1	14	0	76	+13	0	250	373	
	HAIFA	1010.0	−1.0	−1.3	—	0	0	23.8	+2.7	+1.0	25	−2	18	+3	59	−2	0	665	642	1
LOWER EGYPT	TANTA	1012.7	—		NE	1	0	22.2	+1.2		31		15		58		0	35		
	EZBEKIYA	1012.4	−0.7	−0.6	WSW	1	3	21.0	−0.3	−0.5	31	0	15	0	43	−19	0	17	31	
	GIZA	1011.8	−0.6	−2.0	—	0	3	20.1	−0.9	—	31	0	12	−1	62	—	0	21	29	
	HELWAN	1011.5	−0.4	−1.8	ENE	1	3	20.7	−0.1	−0.9	30	−1	16	0	45	−5	0	19	34	
	SIWA	1009.9	−1.6	−4.4	—	0	2	25.0	+1.7	+3.6	—	—	19	+5	31	−24	0	35	7	
RED SEA	SUEZ	1011.0	0.0	−2.0	N	2	2	20.5	+0.5	−1.1	30	−1	16	−1	64	−4	0	28	25	1
	TOR	1011.0	+1.4	−0.6	NW	3	0	22.6	−0.4	−1.4	27	−3	20	+2	88	+20	0	11	14	3
	HURGHADA	1011.9	+2.4		ESE	3	1	27.8	+3.2		30		18		28		0	0		1
	QOSSEIR	1011.6	+0.9		N	4	0	26.5	+0.1		28		20		50		0	15		3
UPPER EGYPT	GEBAL	1012.8	0.0	−0.5	N	1	0	22.0	0.0	−1.1	32	0	15	+1	43	−5	0	17		
	MINYA	1012.4	+0.1		NNW	2	2	22.5	+3.0	−0.1	33	0	16	+1	56	+1				
	SIOUT	1012.8	+0.5	+0.1	WSW	2	0	25.8	+3.8	+1.8	34	0	18	+1	28	−12	0	7		
	QENA	1011.8	+0.8		W	1	0	26.8	+4.7	−0.3	38	0	20	+1	32	−6				
	THEBES	1011.1	−0.1		—	0	3	28.2	+2.9		35		20		28		0	1		
	ASWAN	1011.4	+1.0	+0.1	—	0	0	26.0	+2.4	−2.3	36	−3	21	0	27	−2				
[illegible]	[illegible]	1009.9	−1.1	−1.1	—	0	[illegible]	25.8	+1.8	−1.5	38	−1	18	−1	18	−5				
[illegible]	[illegible]	1009.6	0.0	+0.1	NE	2	0	28.0	+1.0	−3.7	40	−1	17	−6	17	0	0	0	1	
[illegible]	[illegible]	1009.0	+0.4	+1.0	NNE	1	0	28.4	+0.7	−2.5	39	−2	21	−3	6	−13	0	3	5	
[illegible]	[illegible]	1009.9	+0.1	0.0	NE	1	2	29.9	−0.2	−0.9	33	−1	25	+2	65	+17	0	29	108	1
[illegible]	[illegible]	1005.3	−0.2	−2.2	—	0	0	34.0	0.0	+1.7	40	−1	20	−5	33	−4	0	2	15	
[illegible]	[illegible]	1009.5	+0.9	+1.8	NNW	3	0	33.0	+2.0	+1.9	41	−1	20	−3	8	−14	0	8	17	
[illegible]	[illegible]	1006.0	−1.8	−2.4	N	1	0	31.0	0.0	+1.5	41	+2	21	−2	13	−29	0	36	66	
[illegible]	[illegible]	1009.4	—	−0.6	—	0	3	29.8	+2.6	+1.9	39	+2	21	−2	53	−8	0	107	134	

General Position

8 15

There is little change in the pressure distribution. The depression over the western desert is slowly approaching. Egypt is also under the influence of a depression over the Syrian desert.

لم يحدث تغيير يذكر على توزيع الضغط والانخفاض على الصحراء الغربية يتقدم ببطء ومصر تقع الآن تحت تأثير انخفاض على صحراء الشام.

1500	5	E
1500	15	NNW
1500	30	N
2500	25	NW
3000	45	WNW

Forecast for 24 hours from noon to-day.

Light variable winds, becoming easterly.
Much high cloud.
Warmer tomorrow.

رياح مختلفة الاتجاه تتحول الى شرقية.
يكثر السحاب العالي. تزداد حرارة الطقس غدا.

STATION	Humidity Mean of day: Yesterday	Humidity Mean of day: Diff. from normal	Wet Bulb Thermometer Mean of day: Yesterday	Wet Bulb Thermometer Mean of day: Diff. from normal
	%	%	°C	°C
Alexandria	67	−2	16.9	+0.5
Ezbekiya	50	−3	16.6	−1.3
Giza	49	+2	16.0	—
Helwan	35	−5	14.6	0.0

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT.100 annually
" " Abroad PT.150 "

Remarks

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

DATE	1931	1930
5.5	641	877
4.5	639	878

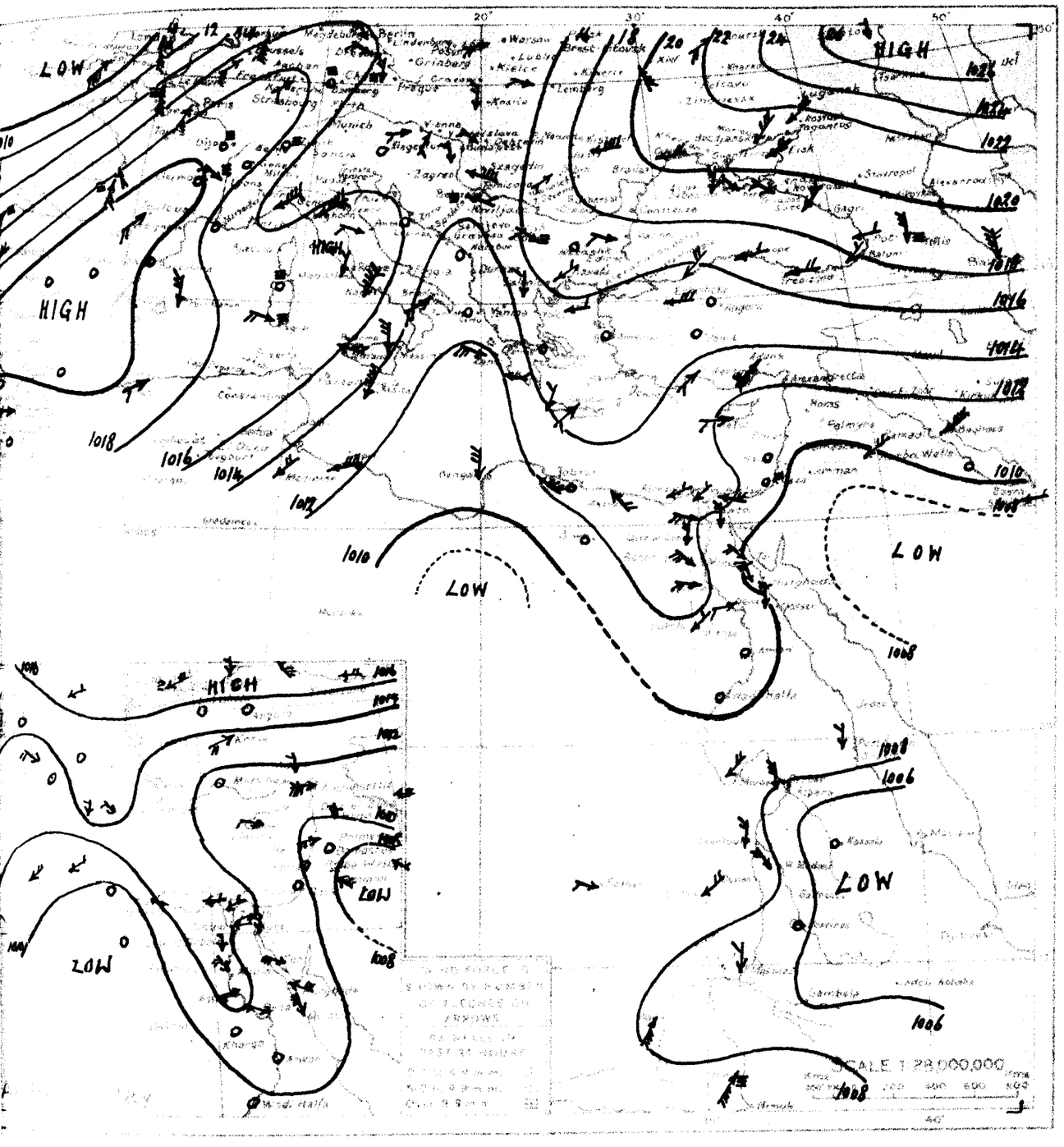
Gauge	Date 1931	Reading m.	Diff. from normal m.	Rise m.	Diff. from normal m.
Dongola	5.5	13.52	+0.04	13.50	+0.02
Dabbar	5.5	4.68	−1.38	4.70	−1.31
Malakal	5.5	9.66	−0.42	9.67	−0.40
Roseires	5.5	10.94	−0.50	10.92	−0.50
Sennar Res.	5.5	5.43	—	5.46	—
Makwar	5.5	4.25	−0.92	4.26	−0.92
Khartoum	6.5	9.83	−0.26	9.86	−0.23
Kh. el Girba					
Atbara	6.5	9.72	−0.20	9.75	−0.17
Wadi Halfa	5.5	0.92	−0.28	0.86	−0.34
Aswan Res.	5.5	108.53	—	108.61	—
" D.S.	5.5	85.06	−0.37	85.07	−0.35
El Leithi	6.5	16.71	−0.13	16.73	−0.11
Roda (Cairo)	6.5	15.79	+0.38	15.79	+0.37

PRINTED AT THE SURVEY OF EGYPT 1929(29/55W/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٥-٥ Barometer and Wind at 8 h. Yesterday 5.5.31.



WIND VELOCITY

	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	29-38	5
Strong	39-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٥-٥ From Observations taken at 8 h. yesterday 5.5.31.

	Barometer Corrected	Temp.	Dew Point	Wind Dir.	Force	Cloud	Air Temp.	Change	Sea Temp.	Max.	Min.	Grass Min.	Dew Point	Humidity	Dew	Rainfall 24 h.	Rainfall Since 8 a.m.	Rainfall Since 1 Jan.	Sea
	mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
	1016.4	+6.4	+2.5	NE	1	4	15	-3	—	21	—	9	—	60	—	—		611	
	1013.7	+1.7	-1.0	NNE	4	2	18	0		21	0	16	+2	70		0	363	416	2
	1014.7	+0.4	+0.9	—	0	3	19	+1		—	—	14	0	40		—		329	
	1014.6	-0.1	+0.6	SW	1	3	21	-1		25	+3	15	+1			0	489	440	2
	1011.6	+0.8	-1.1	W	1	2	20	-1		24	-1	12	0			0	371	444	2
Kassala	1005.5	-0.7	-1.9	—	0	0	34.0	+3.0	+1.7	40	-1	23	-1	31	-5	0	2	15	—
Wad Medani	1008.6	+1.8	+1.0	NNW	2	0	31.0	+1.5	0.0	40	-2	18	-5	9	-12	0	8	17	—
El Fasher	1008.3	-1.1	—	WNW	1	0	26.0	+1.0	-0.9	39	+1	12	-8	13	-11	0	1	9	—
Wau	1007.5	+0.4	-1.7	SSW	4	0	28.2	-1.5	+2.4	35	-1	23	+1	44	-6	0	174	256	—
Juba	1009.1	-0.3	—	SW	4	2	27.2	+1.8	—	31	—	23	—	73	—	1	295	309	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 07

" " sunset 18 36

From Observations taken at 8h. to-day.

Thursday 7th May, 1931 ١٩٣١ الخميس ٧ مايو

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total since 1st Jan.	Rainfall Total since 1st Jan. last year	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1011.8	+2.0	-3.5	ENE	1	4	20.1	-3.0	-0.6	29	—	17		89	+25	0	53	99	3
MATRUH	1011.1	+0.1	-2.9	—	0	0	21.2	+0.6	+1.2	26	+2	16	+1	42	-30	0	177	157	0
ALEXANDRIA	1012.2	-0.6	-1.8	E	2	1	22.2	+2.7	+1.4	30	+4	17	0	59	-11	0	96	189	1
PORT SAID	1013.0	+0.3	+0.5	N	1	4	21.9	+0.1	-0.2	26	+1	20	+2	68	0	drops	62	79	1
GAZA	—	—	—	S	1	2	[illegible]	—	+5.4	26	0	13	-1	[illegible]	—	0	250	374	
HAIFA	1011.4	+1.4	+0.2	—	0	0	23.9	+0.1	+0.9	26	-1	18	+3	55	-6	0	665	642	1
TANTA	1011.8	-0.9	—	N	1	4	22.4	+0.2	—	32	—	19	—	53		0	35		
EZBEKIYA	1011.8	-0.6	-1.2	WNW	1	2	22.3	+1.3	+0.6	32	+1	19	+3	49	-12	drops	17	31	
GIZA	1011.2	-0.6	-2.6	NNW	1	3	22.8	+2.7	—	33	+2	18	+4	46	—	drops	21	29	
HELWAN	1010.3	-1.2	-3.0	SSE	2	3	26.8	+6.1	+5.1	33	+2	19	+3	19	-31	0	19	34	
SIWA	1010.6	+0.7	-3.6	—	0	0	23.3	-1.7	+1.7	—	—	18	+4	61	+6	3	38	7	
SUEZ	1009.9	-1.1	-3.1	N	1	2	26.0	+5.5	+4.2	31	0	20	+3	41	-27	0	28	25	0
TOR	1011.8	+0.8	+0.3	—	0	4	24.0	+1.4	-0.1	35?	+5	20	+2	84	+16	0	11	14	0
HURGHADA	1012.4	+0.5	—	ENE	3	3	28.0	+0.2	—	30	—	20		37		0	0		1
QOSSEIR	1012.3	+0.7	—	WNW	3	2	29.7	+3.2	—	30	—	23	—	28		0	15		1
KERMA	1011.6	-1.0	-1.5	E	1	0	27.0	+5.0	+3.8	34	+2	19	+4	31	-17	0	17		
WADI HALFA	1011.8	-0.6	—	NW	2	0	26.5	+4.0	+3.8	35	+2	19	+4	41	-14				
ABU HAMED	1011.8	-1.0	-0.8	SSE	2	3	26.2	+0.4	+2.1	36	+2	22	+5	46	+6	0	7		
SENNAR	1011.6	-0.2	—	ESE	1	4	27.7	+0.9	+0.4	38	0	23	+4	25	-13				
KASSALA	1010.8	-0.3	—	—	0	4	31.5	+3.3	—	38	—	22		27		0	1		
ATBARA	1011.1	-0.3	-0.2	—	0	3	28.3	+2.3	-0.1	39	0	24	+3	28	-1				
KHARTOUM	1009.3	-0.6	-1.6	—	0	[illegible]	28.8	+3.0	+1.4	40	+1	18	-2	28	+5				
WADI MEDANI																			
KOSSEIR																			
EL FASHER	1009.4	+0.7	+1.3	N	2	0	31.0	+1.0	-1.1	42	+1	22	-1	32	+18	0	0	4	
EL OBEID	1009.1	+0.1	+1.1	—	0	0	29.0	+0.6	-2.0	42	+1	20	-4	3	-17	0	3	6	
WADI SALDAN	1012.3	+2.4	+2.4	N	1	0	31.9	+2.0	+1.0	33	-1	23	0	21	-26	0	29	108	1
KASALA	1006.6	+1.3	-0.9	—	0	0	35.0	+1.0	+2.7	42	+1	23	-2	35	-2	0	2	15	
WAD MEDANI																			
KOSSEIR																			
EL FASHER																			
EL OBEID	1008.7	0.0	-0.9	WNW	2	1	29.8	+1.3	+0.2	41	+2	21	0	23	-16	0	17	24	
WADI SALDAN																			
KASALA																			
WAD MEDANI																			
KOSSEIR																			

Hour	Wind Speed	Direction
8 30		
500	10	SSW
1000	20	SSW
1500	15	S
2000	40	SW
3000		

General Situation

Over Egypt and the eastern Mediterranean the pressure is generally low, with little gradient. In the west the pressure is now rising.

الضغط منخفض بوجه عام فوق مصر وشرقي البحر الابيض وانحداره ضئيل ولكنه آخذ في الارتفاع المؤقت في الجهة الغربية.

Forecast for 24 hours from noon to-day.

Light winds variable in direction chiefly northeasterly. Much high cloud. Conditions changeable. Slightly cooler tomorrow.

رياح خفيفة مختلفة الاتجاه اكثرها شمالية شرقية. يكثر السحاب العالي. الطقس متقلب وتهبط درجة الحرارة قليلا باكر.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Air Temp. Mean of Day Yesterday	Air Temp. Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	72	+3	19.3	+2.8
Ezbekiya	41	-12	17.0	-1.0
Giza	52	-5	16.9	—
Helwan	27	-12	15.4	+0.7

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
6 .5	642	880
5 .5	641	877

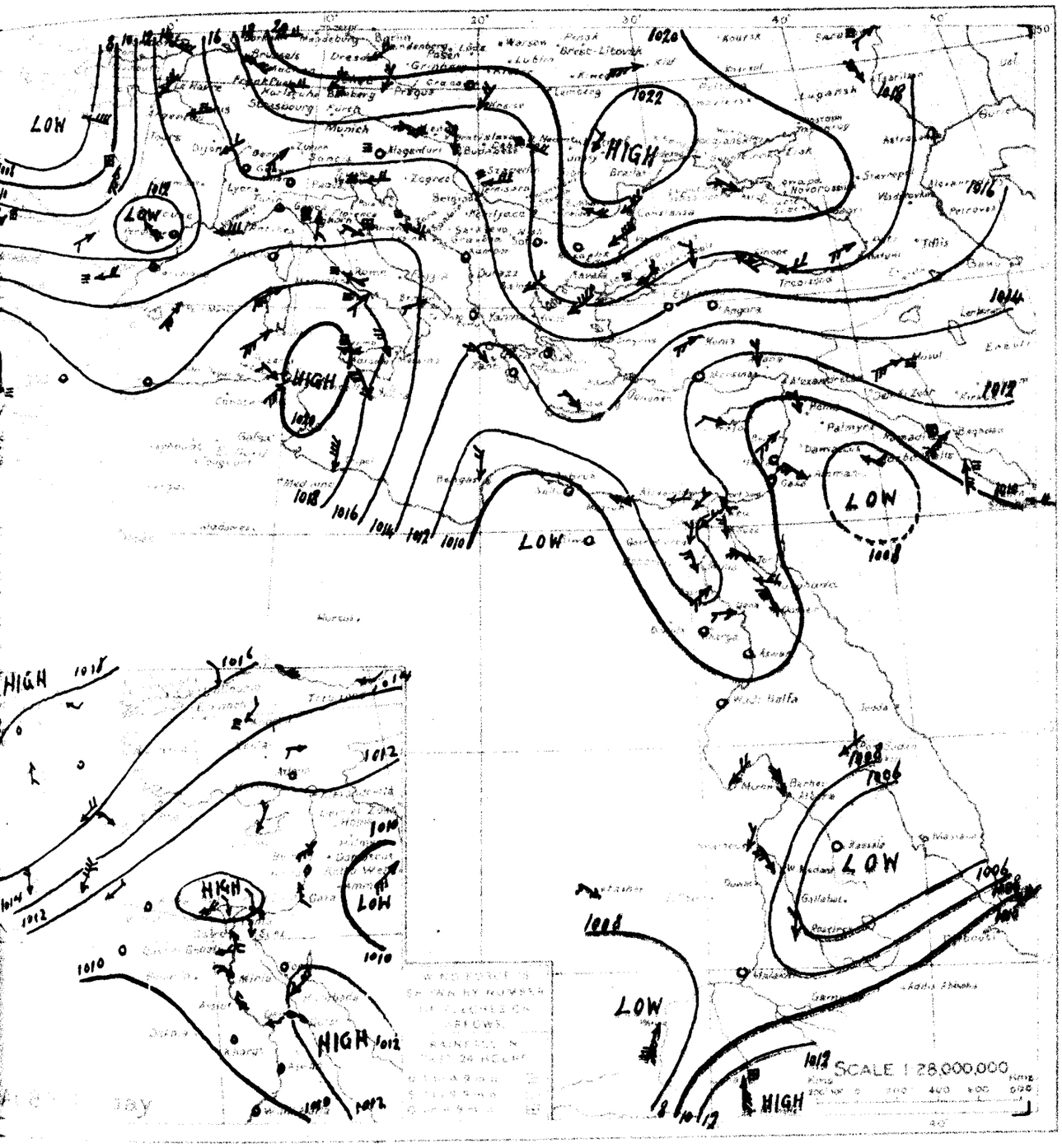
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m	m	m	m
Juba	6.5	13.53	+0.04	13.52	+0.04
Nasser	6.5	4.70	-1.40	4.68	-1.38
Malakal	6.5	9.65	-0.44	9.66	-0.42
Roseires	7.5	10.89	-0.61	10.92	-0.54
Sennar Res.	6.5	5.40	—	5.43	—
Makwar	6.5	4.24	-0.93	4.25	-0.92
Khartoum	6.5	9.83	-0.26	9.86	-0.23
Kh. el Girif					
Atbara	7.5	9.72	-0.20	9.72	-0.20
Wadi Halfa	6.5	0.96	-0.24	0.92	-0.21
Aswan Res.	6.5	108.46	—	108.53	—
" D.S.	6.5	85.06	-0.37	85.06	-0.37
El Leithi	7.5	16.70	-0.14	16.71	-0.13
Roda (Cairo)	7.5	15.77	+0.36	15.79	+0.38

PRINTED AT THE SURVEY OF EGYPT 1929(39/550/2) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٦ - ٥ - ٢١. Barometer and Wind at 8 h Yesterday 6.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٦ - ٥ - ٢١. From Observations taken at 8 h yesterday 6.5.31.

	Barometer: Reduced to Sea Level	Barometer: Change 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change 24 hours	Temperature: Diff from normal	Temperature: Max.	Temperature: Diff from normal	Temperature: Min.	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from 0 to yesterday	Rainfall: Normal from 0 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
	1016.7	+0.3	+2.8	SE	1	4	14	-1	—	20	—	11	—	80	—	2	—	613	—
	1016.3	+2.6	+1.6	NNW	4	0	16	-2	—	21	0	14	0	70	—	0	363	417	3
	1014.8	+0.1	+1.0	—	0	2	21	+2	—	—	—	15	+1	30	—	—	—	329	—
	1014.6	0.0	+0.6	NW	1	1	22	+1	—	25	+2	13	-1	—	—	0	489	441	1
	1010.3	-1.3	-2.4	WNW	1	0	24	+4	—	26	+1	12	-1	—	—	0	371	445	0
Atbara	1008.7	+0.7	+0.6	N	3	0	30.0	+0.5	-2.0	40	-1	20	-3	25	+11	0	0	4	—
El Fasher	1009.4	+1.1	—	WNW	1	0	25.0	-1.0	-2.1	39	+1	13	-7	5	-19	0	1	9	—
Wau	1007.9	+0.4	-1.3	SSW	7	0	29.4	+1.2	+3.6	38	+2	27	+5	59	-13	0	174	261	—
Juba	1013.1	+4.0	—	S	4	4	21.4	-5.8	—	37	—	19	—	93	—	31	326	312	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 06m

" " sunset 18h 37m

From Observations taken at 8 h. to-day.

Friday 8th May, 1931 ١٩٣١ الجمعة ٨ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.4	+2.6	-0.8	ENE	2	3	19.8	-0.3	-1.1	[illegible]	—	16	—	82	+18	0	53	99	3
	MATRUH	1014.8	+3.7	+0.8	NE	2	0	19.8	-1.4	-0.3	26	+2	17	+2	39	-33	0	177	157	2
	ALEXANDRIA	1012.0	-0.2	-2.0	NE	1	0	23.0	+0.8	+2.1	33	+7	18	+1	74	+4	0	96	189	2
	PORT SAID	1012.2	-0.8	-0.3	NE	3	0	22.9	+1.0	+0.6	26	+1	21	+3	67	-1	0	62	79	2
	GAZA	—	—	—	—	0	0	26.4	—	+3.7	30	+4	14	0	30	-33	0	250	874	—
	HAIFA	1011.0	-0.4	-0.2	—	0	0	24.3	+0.4	+1.2	25	—	18	+2	60	-1	[illegible]	665	642	2
LOWER EGYPT	TANTA	1012.3	+0.5	—	N	1	0	24.2	+1.8	—	34	—	15	—	59	—	0	35	—	—
	CAIRO EZBEKIYA	1011.5	-0.3	-1.5	NW	1	0	24.6	+2.3	+2.8	33	+2	19	+3	42	-19	0	17	31	—
	CAIRO GIZA	1012.0	+0.8	-1.7	NW	1	0	24.0	+1.2	—	33	+1	16	+2	40	—	0	21	29	—
	CAIRO HELWAN	1012.0	+1.7	-1.2	NNW	2	0	24.6	-2.2	+2.8	33	+2	20	+4	38	-12	0	19	34	—
	SIWA	1012.2	+1.6	-2.0	—	0	2	21.0	-2.3	-0.7	—	—	18	+3	65	+10	0	38	7	—
RED SEA	SUEZ	1010.7	+0.8	-2.3	E	1	0	24.5	-1.5	+2.6	34	+3	20	+2	57	-11	dr.	28	25	1
	TOR	1011.0	-0.8	-0.4	W	1	0	25.0	+1.0	+0.8	31	+1	22	+3	65	-4	dr.	11	14	1
	HURGHADA	1010.8	-1.6	—	NNE	4	2	28.0	0.0	—	32	—	20		39	—	dr.	dr.		2
	QOSSEIR	1011.2	-1.1	—	SE	2	1	27.9	-1.8	—	31	—	23	—	58	—	0	15	—	1
UPPER EGYPT	GEBALI	1012.4	+0.6	-0.9	SSE	1	0	27.0	0.0	+3.6	35	+2	18	+3	40	-8	0	17	—	—
	MINYA	1012.0	+0.2	—	WSW	3	1	24.5	-2.0	+1.7	35	+2	16	+1	41	-14	Rain		—	—
	ASYUT	1011.9	+0.1	-0.7	ENE	2	2	25.7	-0.5	+1.5	36	+2	19	+1	56	+16	[illegible]	7	—	—
	QENA	1011.5	-0.1	—	ENE	2	3	27.5	-0.2	+0.1	38	0	22	+3	33	-5	—		—	—
	KHARGA	1010.7	-0.1	—	—	0	8	27.4	-4.1	—	39	—	20		33	—	0	1	—	—
	ASWAN	1010.4	-0.7	-0.9	—	0	0	29.3	+1.0	+0.7	40	+1	25	+4	31	+2	—	—	—	—
	WADI HALFA	1009.4	+0.1	-1.5	—	0	1	29.2	+0.4	+1.7	43	+4	23	+3	28	+6	—	—	—	—
	MERGWI	1007.6	-2.3	-1.8	NE	2	0	34.0	+1.0	+2.0	45	+3	26	+3	10	-7	0	0	2	—
	ATBARA	1008.3	-1.1	+0.2	E	2	0	32.0	+1.0	-0.2	43	+2	23	0	26	+12	0	0	4	—
	KHARTOUM	1007.0	-2.1	-1.0	N	1	0	31.5	+2.5	+0.4	42	+1	21	-3	9	-11	0	3	6	—
	PORT SUDAN	1011.0	-1.3	+1.2	W	1	0	31.3	-0.6	+0.3	34	0	25	+2	50	+3	0	29	108	1
	KASSALA	1004.8	-1.8	-2.7	—	0	0	36.5	+1.5	+4.2	42	+1	24	-1	25	-12	0	2	16	—
	WAD MEDANI	—	—	—	N	2	0	33.5	-0.5	+2.4	43	+1	22	-1	13	-9	0	8	18	—
	KONGOLA	1004.4	-3.1	-4.1	NNE	1	0	33.5	+2.5	+4.2	42	+3	25	+2	15	-28	0	36	69	—
	EL FASHER	1008.3	-1.2	—	WNW	1	0	27.0	+3.0	-0.3	42	+4	12	-8	15	-10	0	1	10	—
	EL OBEID																			
	KALABSHA	1006.4	-2.4	-3.7	SE	1	1	33.0	+3.2	+5.2	41	+4	25	+2	39	-23	0	109	140	—
	AMI	1006.4	-2.3	-2.9	SSW	3	0	32.0	+5.7	+6.3	40	+5	26	+4	49	-23	0	174	270	—
	[illegible]	1007.0	-4.0	—	SW	4	0	27.2	+0.1	—	40	—	23	—	70	—	1	328	319	—

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yester day	Diff. from normal	Wet Bulb Temperature Mean of Day Yester day	Diff. from normal
	%	%	°C	°C
Alexandria	56	-13	19.6	+3.1
Ezbekiya	44	-9	17.8	-0.3
Giza	35	-12	17.3	—
Helwan	17	-22	16.2	+1.4

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sources m.3 per sec

DATE	1931	1930
8.5	637	880
7.5	641	879

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Rain m.	Diff. from normal m.
Juna	8.5	13.48	-0.02	13.64	+0.15
Nasser	8.5	5.02	-1.13	4.87	-1.26
Malakal	6.5	9.65	-0.44	9.66	-0.42
Roseires	7.5	10.89	-0.61	10.92	-0.54
Sennar Res.	8.5	5.36	—	5.39	—
Makwar	8.5	4.23	-0.96	4.24	-0.94
Khartoum	6.5	9.83	-0.26	9.86	-0.23
Kh. el Girba					
Atbara	7.5	9.72	-0.20	9.72	-0.20
Wadi Halfa	6.5	0.96	-0.24	0.92	-0.28
Aswan Res.	8.5	108.35	—	108.39	—
" D.S.	8.5	85.06	-0.38	85.07	-0.36
El Leithi	8.5	16.70	-0.14	16.70	-0.14
Roda (Cairo)	7.5	15.77	+0.36	15.79	+0.38

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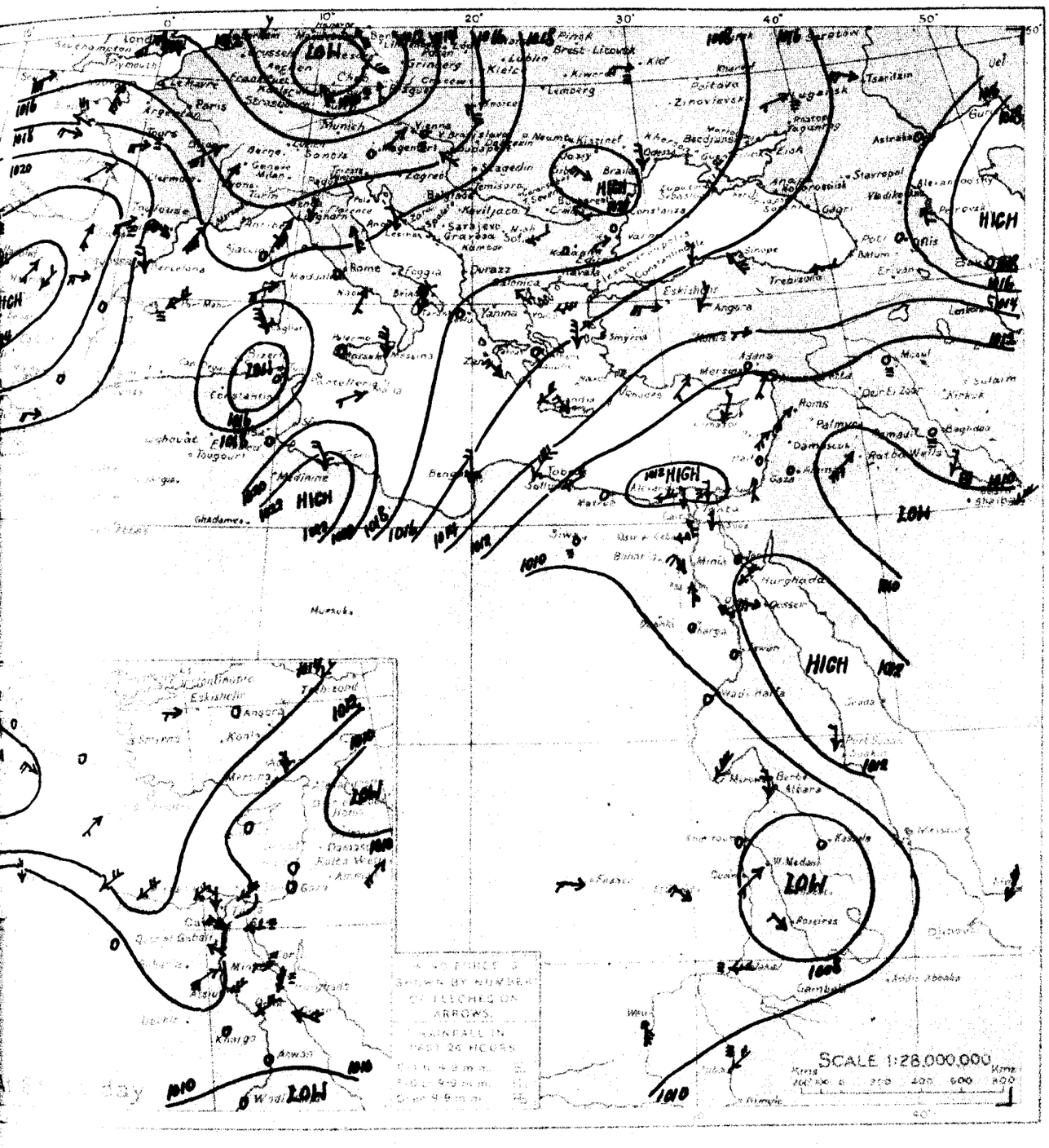
PHYSICAL DEPARTMENT.

REPORT.

٣١-٥-٧ Barometer and Wind at 8 h. Yesterday 7.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٥-٧ From Observations taken at 8 h yesterday 7.5.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. to yesterday	Rainfall: Normal from Oct. to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1019.1	+2.4	+5.1	—	0	3	14	0	—	17	—	8	—	70	—	—	—	615	—
MALTA	1019.4	+3.1	+4.6	WSW	1	1	17	+1	—	18	-3	12	-2	70	—	0	363	417	1
ATHENS	1016.3	+1.5	+2.5	—	0	0	18	-3	—	—	—	—	—	50	—	—	—	330	—
CANDIA	1015.4	+0.8	+1.4	NW	2	1	20	-2	—	25	+2	15	0	—	—	0	489	441	3
LIMASSOL	1011.2	+0.9	-1.5	NNE	1	2	22	-2	—	22	-4	12	-1	—	—	0	371	445	3
Merowe مروي	1009.9	+0.3	+0.4	NE	3	0	33.0	+5.0	+1.2	43	+2	21	-2	8	-9	0	0	2	
Wad Medani واد مدني	1007.1	-2.4	-0.6	WSW	2	0	34.0	+1.0	+2.9	43	+1	22	-1	29	+7	0	8	17	
Roseires الروسيرس	1007.5	+1.5	-0.9	NNW	1	2	31.0	0.0	+1.6	43	+4	21	-2	42	0	0	36	67	
El Fasher الفاشر	1009.5	+0.1	—	WNW	1	0	24.0	-1.0	-3.2	40	+2	12	-8	3	-22	0	1	10	
Malakal الملاكال	1008.8	-0.6	-1.2	E	1	2	29.8	0.0	+1.9	36	-1	24	+1	58	-4	2	109	137	
Wau واو	1008.7	+0.8	-0.6	S	3	1	26.3	-3.1	+0.5	38	+3	24	+2	74	+2	0	174	266	
Juba جوبا	1011.0	-2.1	—	NE	2	1	27.1	+5.7	—	30	—	21	—	78	—	1	327	316	

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 05 m

" " sunset 18 h 37 m

From Observations taken at 8h. to-day.

Saturday 9th May, 1931 ١٩٣١ السبت ٩ مايو

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1st to yesterday	Rainfall Normal from Oct. 1st to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.6	+0.2	-0.5	NNE	1	0	19.2	-0.6	-1.8	23	—	14	—	76	+12	0	53	99	2
	MATRUH	1014.4	-0.4	+0.5	NE	1	0	19.4	-0.4	-0.8	21	-4	16	+1	45	-28	0	177	157	1
	ALEXANDRIA	1014.8	+2.8	+0.9	NNE	1	0	22.0	-1.0	+1.0	26	0	18	+1	75	+4	0	96	189	3
	PORT SAID	1013.3	+1.1	+0.9	ENE	3	0	22.0	-0.9	-0.4	26	0	19	+1	71	+3	0	62	80	2
	GAZA	—	—	—	—	0	0	25.7	-0.7	+2.9	30	+4	15	+1	56	-7	0	250	374	
	HAIFA	1011.2	+0.2	+0.1	—	0	0	20.7	-3.6	-2.5	28	+1	16	0	66	+5	0	665	642	0
DELTA & CANAL	TANTA	1013.6	+1.3	—	N	1	0	23.0	-1.2	—	34	—	16	—	63	—	0	35	—	
	EZBEKIYA	1012.2	+0.7	-0.7	NE	2	0	22.4	-2.2	+0.5	34	+3	18	+2	51	-10	0	17	32	
	GIZA	1012.0	0.0	-1.7	N	2	0	21.9	-2.1	—	33	+1	16	+2	52	—	0	21	29	
	HELWAN	1011.2	-0.8	-2.0	NE	3	0	25.7	+1.1	+3.8	33	+2	19	+2	20	-30	0	19	34	
	FIWA	1012.4	+0.2	-1.7	NE	1	0	21.0	0.0	-0.9	—	—	17	+2	51	-4	0	38	7	
RED SEA	SUEZ	1010.8	+0.1	-2.1	N	1	10	22.5	-2.0	+0.5	33	+2	19	+1	53	-15	0	28	25	0
	TOR	1010.7	-0.3	-0.7	NW	1	0	24.0	-1.0	-0.3	34	+4	17	-2	75	+6	0	11	14	1
	HURGHADA	1010.8	0.0		NNW	4	0	27.0	-1.0	—	33	—	19		39		0	0		2
	QOSSEIR	1010.7	-0.5	—	NNW	5	0	28.6	+0.7	—	34	—	24	—	33		0	15		3
UPPER EGYPT	[illegible]	1012.6	+0.2	-0.6	N	3	0	25.0	-2.0	+1.4	34	+1	17	+2	40	-7	0	17		
	MINIA	1011.5	-0.5	—	NNW	2	0	23.5	-1.0	+0.5	34	+1	15	0	38	-17				
	[illegible]	1011.2	-0.7	-1.4	WSW	2	0	27.8	+2.1	+3.4	36	+2	19	+1	31	-9	0	7		
	[illegible]	1011.0	-0.5		NNE	2	0	27.3	-0.2	-0.2	39	+1	21	+2	25	-13				
	ASSIUT	1010.0	-0.7	—	—	0	0	29.3	+1.9	—	38	—	21		32		0	1		
	ASWAN	1009.6	-0.8	-1.6	—	0	0	29.0	-0.3	+0.3	38	-1	24	+3	36	+7	—			
SUDAN	[illegible]	1007.9	-1.5	-2.9	—	0	[illegible]	29.8	+0.6	+2.1	41	+2	23	+3	22	0	—	—	—	
	[illegible]	1006.4	-1.2	-3.0	NE	4	0	34.5	+0.5	+2.4	45	+3	25	+2	7	-10	0	0	2	
	[illegible]	1007.0	-1.3	-1.1	N	3	0	33.5	+1.5	+1.2	44	+3	25	+1	21	+7	0	0	4	
	[illegible]	1004.7	-2.3	-3.3	NNE	2	0	32.7	+1.2	+1.6	45	+4	26	+2	14	-7	0	3	6	
	[illegible]	1010.7	-0.3	+1.0	N	3	0	32.9	+1.6	+1.8	34	0	24	+1	18	-28	0	29	108	3
	KASALA																			
	GAF MEDIAN																			
	ROSEIRES	1002.2	-2.2	-6.4	NNW	1	0	35.5	+2.0	+6.4	44	+5	22	-1	27	-17	0	36	71	
	EL FASHER	1004.0	-4.3	—	WNW	1	0	29.0	+2.0	+1.7	43	+5	18	-2	12	-14	0	1	10	
	EL OBEID																			
	MALAKAL	1006.6	+0.2	-3.5	~~W~~ E	2	0	32.2	-0.8	+4.5	42	+6	25	+2	48	-15	0	109	142	
	WAU																			
	JUBA																			

Upper Wind Observations

Height Above Sea	Speed Knots	Direction
500	10	E
1000	10	E
1500	10	NE
2000	10	NNW
3000		

General Situation

Pressure over western Egypt is relatively high. There is a shallow depression over northern Arabia and pressure is low over Greece and Asia Minor.

الضغط فى غرب مصر مرتفع ارتفاعا نسبيا ويوجد انخفاض ضئيل فى شمال جزيرة العرب والضغط منخفض على اليونان وآسيا الصغرى.

Forecast for 24 hours from noon to day.

North to northeast winds, light on the coast, moderate inland.
Clear or occasional high cloud.
Normal temperature.

رياح شمالية الى شمالية شرقية خفيفة على الساحل ومعتدلة فى الداخل - السماء صحو او يظهر بعض السحب العالى ودرجة الحرارة عادية.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	79	+10	19.7	+3.1
Ezbekiya	35	-18	17.2	-1.0
Giza	33	-14	17.6	—
Helwan	25	-14	15.9	+1.0

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

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

DATE	1931	1930
9.5	638	952
8.5	637	880

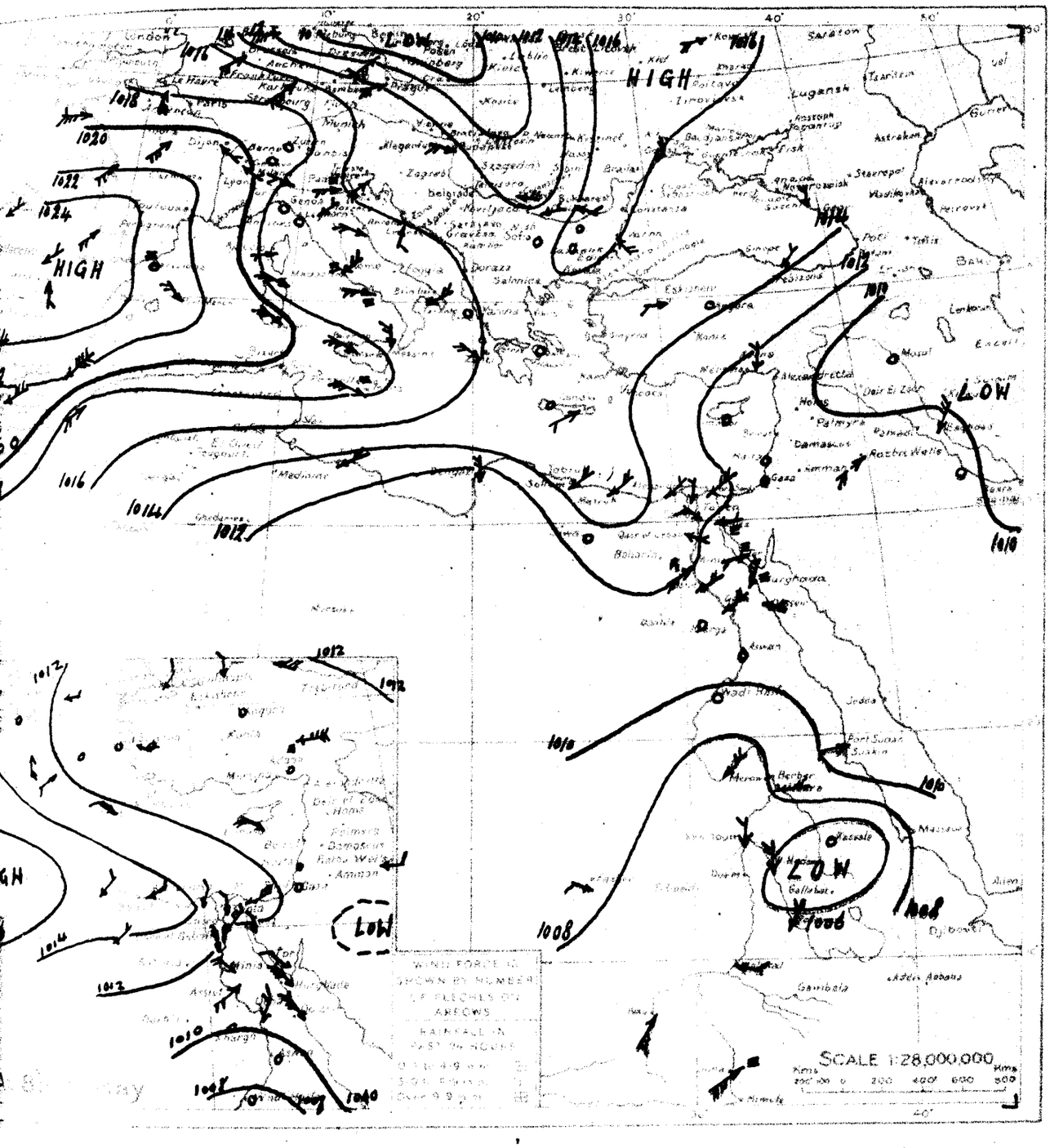
GAUGE	Date	Reading	Diff from normal	Rise	Diff from norm.
	1931	m.	m.	m.	m.
Juba	8.5	13.48	-0.02	13.64	+0.15
Nasser	8.5	5.02	-1.13	4.87	-1.26
Malakal	8.5	9.65	-0.45	9.65	-0.45
Roseires	9.5	10.91	-0.68	10.89	-0.66
Sennar Res.	8.5	5.36	—	5.39	—
Makwar	8.5	4.23	-0.96	4.24	-0.94
Khartoum	8.5	9.79	-0.31	9.80	-0.30
Kn. el Girba					
Atbara	9.5	9.72	-0.21	9.72	-0.20
Wadi Halfa	8.5	0.99	-0.21	0.97	-0.23
Aswan Res.	9.5	108.29	—	108.35	—
" D.S.	9.5	85.06	-0.39	85.06	-0.38
El Leithi	9.5	16.70	-0.14	16.70	-0.14
Roda (Cairo)	9.5	15.73	+0.32	15.75	+0.34

PRINTED AT THE SURVEY OF EGYPT 1928(24/688/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٨-٥-٢١. Barometer and Wind at 8 h. Yesterday 8.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨-٥-٢١. From Observations taken at 8 h. yesterday 8.5.31.

BAROMETER Reading	BAROMETER Change	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change	TEMPERATURE	TEMPERATURE Max.	TEMPERATURE Diff. from normal	TEMPERATURE Min.	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from 1st Jan. to yesterday	RAINFALL Normal from 1st Jan. to yesterday	SEA
mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C	%	%	m.m.	m.m.	m.m.	
1017.1	-2.0	+3.1	NE	2	1	13	-1	—	19	—	9	—	70	—	1	—	617	—
1018.1	-1.3	+3.1	NW	3	3	17	0	—	23	+2	14	0	80	—	drops	363	417	2
1014.3	-2.0	+0.5	—	0	8	18	0	—	—	—	—	—	60	—	—	—	331	—
1015.4	0.0	+1.4	SW	1	1	22	+2	—	24	+1	13	-2	—	—	0	489	442	1
1010.8	-0.4	-1.9	—	0	1	23	+1	—	26	0	12	-1	—	—	0	371	446	1

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 04 m

" " sunset 18 h 38 m

From Observations taken at 8 h. to-day.

Sunday 10th May, 1931 ١٩٣١ الاحد ١٠ مايو

	STATION	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum (Yesterday) (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total since 1st Oct. last year (mm)	Rainfall: Total since 1st Oct. this year (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1015.4	+0.8	+0.4	ENE	1	0	19.8	+0.6	-1.3	24	—	15	—	77	+13	0	53	99	2
	MATRUH	1016.0	+1.6	+2.1	NE	1	0	20.2	+0.8	-0.1	22	-3	14	-1	43	-30	0	177	157	1
	ALEXANDRIA	1016.2	+1.4	+2.3	NE	2	2	22.1	+0.1	+1.0	25	-1	17	0	60	-11	0	96	189	2
	PORT SAID	1015.1	+1.8	+2.7	ENE	2	1	22.3	+0.3	-0.2	25	-1	20	+2	71	+3	0	62	80	2
	GAZA																			
	HAIFA	~~1014.2~~ 1015.9	+3.0	+3.2	—	0	0	24.5	+3.8	+1.1	28	+1	19	+3	62	+1	0	665	642	0
LOWER EGYPT	TANTA	1015.0	+1.4	—	N	1	4	23.2	+0.2	—	32	—	16	—	59	—	0	35	—	—
	EZBEKIYA	1013.8	+1.6	+0.9	NE	2	3	23.0	+0.6	+0.9	34	+3	16	0	58	-3	0	17	32	—
	GIZA	1013.8	+1.8	+0.1	NNE	2	3	22.3	+0.4	—	32	0	15	+1	64	—	0	21	29	—
	HELWAN	1012.8	+1.6	-0.4	NE	6	4	23.3	-2.4	+1.2	33	+1	19	+2	31	-19	0	19	34	—
	SIWA	1013.4	+1.0	-0.7	—	0	2	21.3	+0.3	-0.7	—	—	17	+2	42	-13	0	38	7	—
RED SEA	SUEZ	1012.2	+1.4	-0.7	N	2	2	23.5	+1.0	+1.3	34	+3	19	+1	44	-24	0	28	25	1
	TOR	1011.1	+0.4	-0.2	—	0	0	24.6	+0.6	+0.2	31	+1	17	-2	71	+2	0	11	14	0
	HURGHADA	1010.8	0.0	—	NNW	4	0	26.8	-0.2	—	31	—	18	—	32	—	0	0	—	2
	COSSEIR	1010.7	0.0	—	N	4	0	~~27.9~~ 26.7	-0.7	—	31	—	23	—	~~37~~ 38	—	0	15	—	0
UPPER EGYPT	GEBEL	1013.6	+1.0	+0.4	NE	4	0	24.0	-1.0	+0.2	34	+1	19	+4	50	+3	0	17	—	—
	MINYA	1011.4	-0.1	—	NE	3	0	24.0	+0.5	+0.9	37	+4	17	+2	42	-13	—	—	—	—
	ASSIUT	1010.7	-0.5	-1.8	WNW	2	2	25.0	-2.8	+0.5	37	+3	21	+3	46	+6	0	7	—	—
	QENA	1010.0	-1.0	—	NE	2	3	27.7	+0.4	0.0	39	+1	23	+4	22	-16	—	—	—	—
	KOSSEIR	1009.1	-0.9	—	—	0	3	28.0	-1.3	—	39	—	20	—	42	—	0	1	—	—
	ASWAN	1009.3	-0.3	-1.9	—	0	1	29.5	+0.5	+0.7	41	+2	25	+4	22	-7	—	—	—	—
SUDAN	WADI HALFA	1007.4	-0.5	-3.4	—	0	1	31.6	+1.8	+3.8	43	+4	25	+5	24	+2	—	—	—	—
	KERMA																			
	DONGOLA																			
	KHARTOUM	1004.3	-0.4	-3.7	NE	3	2	35.0	+2.3	+3.8	44	+3	27	+2	21	-1	0	3	6	—
	PORT SUDAN	1010.7	0.0	+1.0	NE	1	0	32.9	0.0	+1.7	35	+1	24	+1	31	-15	0	29	108	1
	HOBEIKA																			
	WAD MEDANI																			
	KOSSEIR	1003.6	+1.4	-5.1	SSW	1	1	34.0	-1.5	+5.0	44	+5	28	+5	40	-4	0	36	73	—
	FASHER																			
	EL OBEID																			
	KASSALA																			
	WAU																			
	KOSSEIR																			

Upper Wind observation at 8 h.		
Height in metres	Speed in knots	Direction
500	20	ENE
1000	35	NE
1500	10	ENE
2000	10	SSW
3000	25	WSW

8 45

General Situation

Northern Egypt and the eastern Mediterranean are an area of high pressure. A depression is centred east of Malta, and pressure over the central Mediterranean has fallen rapidly.

الحالة العامة

يوجد ارتفاع فوق شمال مصر وشرق البحر الابيض والمنخفض شرق مالطة وقد هبط الضغط بسرعة فوق اواسط البحر الابيض.

Forecast for 24 hours from noon to-day.

Northeasterly winds, light on the coast, moderate to fresh inland. Much high cloud. Remaining cool.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم

رياح شمالية شرقية خفيفة على الساحل ومعتدلة الى نسيمية في الداخل - يكثر السحاب العالي - يستمر الجو على ما هو عليه للبرودة.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Net Bulb Temperature Mean of Day: Yesterday (°C)	Net Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	77	+8	19.2	+2.5
Ezbekiya	41	-12	17.0	-1.4
Giza	43	-4	17.1	—
Helwan	20	-19	15.2	+0.2

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
10.5	637	950
9.5	638	952

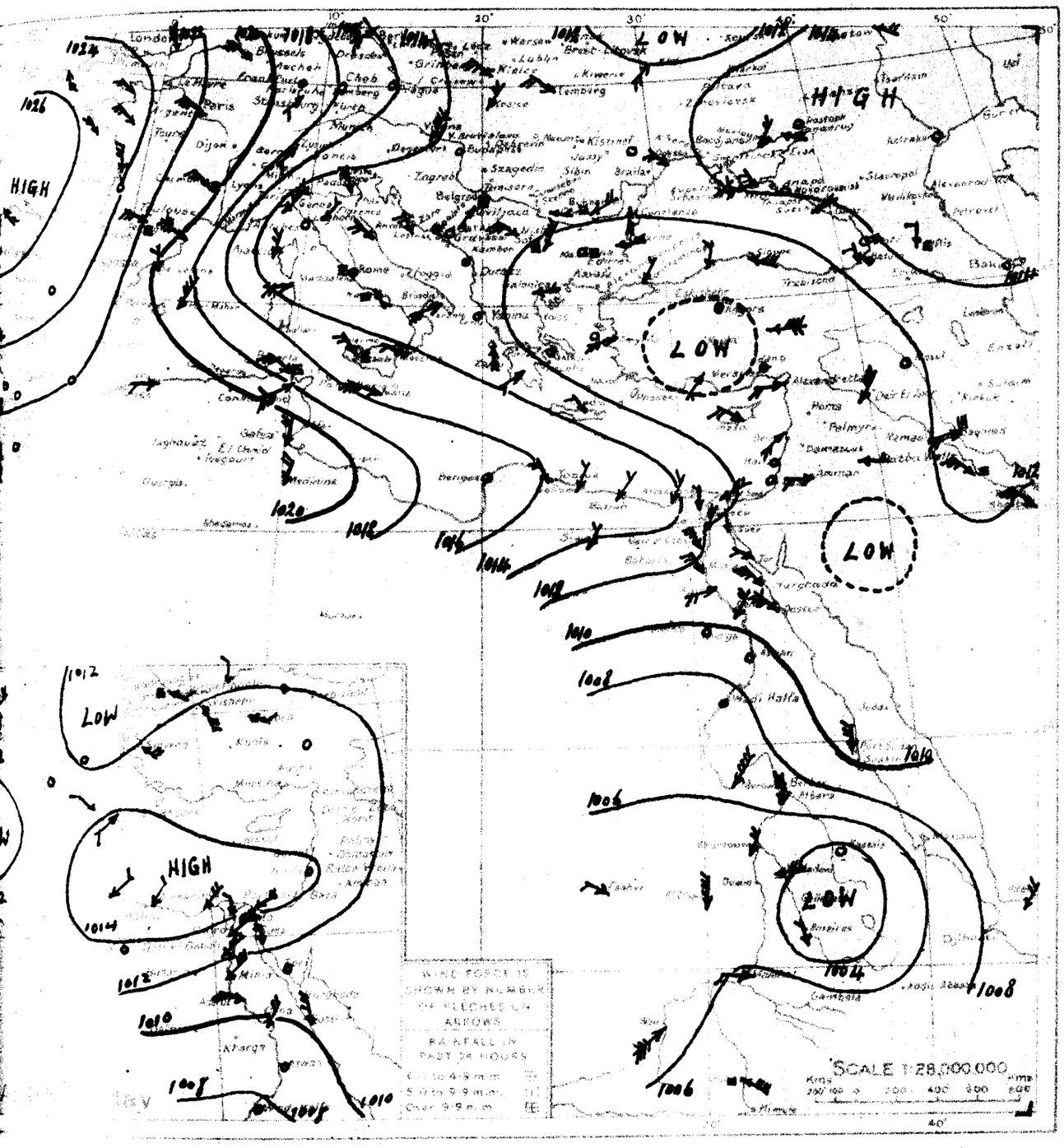
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Rise m.	Diff. from normal m.
Juba	9.5	13.53	+0.03	13.48	-0.02
Nasser	9.5	5.04	-1.15	5.02	-1.13
Malakal	9.5	9.64	-0.47	9.65	-0.45
Roseires	9.5	10.91	-0.68	10.89	-0.66
Sennar Res.	9.5	5.33	—	5.36	—
Makwar	9.5	4.22	-0.98	4.23	-0.96
Khartoum	10.5	9.75	-0.35	9.78	-0.32
Kh. el Girba					
Atbara	10.5	9.72	-0.21	9.72	-0.21
Wadi Halfa	10.5	0.96	-0.25	0.99	-0.22
Aswan Res.	10.5	108.25	—	108.29	—
" D.S.	10.5	85.06	-0.40	85.08	-0.39
El Leithi	10.5	16.71	-0.13	16.70	-0.14
Roda (Cairo)	10.5	15.75	-0.34	15.73	-0.36

PRINTED AT THE SURVEY OF EGYPT 1929(29/529/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٥-٩ Barometer and Wind at 8 h. Yesterday 9.5.31.



WIND VELOCITY

	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	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

.٢١-٥-٩ From Observations taken at 8 h. yesterday 9.5.31.

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Max.	Temperature: Diff. from normal	Temperature: Min.	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]	1013.1	-4.0	-1.1	—	0	2	15	+2	—	19	—	10	—	70	—	1	—	619	—
[illegible]	1015.9	-2.2	+0.9	WNW	4	3	16	-1	—	19	-3	14	-1	60	—	0	363	418	2
[illegible]	1010.8	-3.5	-3.0	—	0	1	18	0	—	—	—	14	0	60	—	—	—	331	—
[illegible]	1013.8	-1.6	-0.2	NW	1	1	22	0	—	26	+3	14	-1	—	—	0	489	443	1
[illegible]	1010.4	-0.4	-2.3	WNW	2	2	22	-1		26	0	10	-3	—	—	0	371	446	1
Kassala كسلا	1003.4	-1.4	-4.2	—	0	0	36.5	0.0	+4.2	43	+2	30	+5	34	-3	0	2	16	—
Wad Medani	1005.0	—	-2.7	E	3	0	36.5	+3.0	+5.4	45	+3	22	-1	21	-2	0	8	18	—
El Obeid	1005.6	-1.5	-4.0	N	4	2	31.4	-0.8	+1.8	43	+4	22	+1	20	-20	0	17	25	—
Wau واو	1005.9	-0.5	-3.4	SW	7	0	29.0	-3.0	+3.3	42	+7	26	+4	55	-18	0	174	275	—
Juba جوبا	1007.4	+0.4	—	SE	4	2	27.6	+0.4	—	37	—	23	—	67	—	1	329	323	—

141.7 F.C.

MINISTRY OF PUBLIC WE

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 04

" sunset 18 39

From Observations taken at 8h. to-day.

Monday 11th May, 1931 — ١٩٣١ الاثنين ١١ مايو

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct.	Rainfall Total since 1st Oct. last year	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.0	-5.4	-4.9	E	1	2	21.1	+1.3	-0.1	25	—	17	—	67	+3	0	53	99	3
	MATRUH	1011.4	-4.6	-2.5	SE	4	0	21.2	+1.0	+0.8	24	-1	17	+2	42	-31	0	177	157	3
	ALEXANDRIA	1013.5	-2.7	-0.4	ENE	1	3	21.8	-0.3	+0.6	28	+2	18	+1	66	-5	0	96	189	2
	PORT SAID	1012.3	-2.8	-0.1	E	4	4	22.2	-0.1	-0.4	24	-2	20	+2	72	+4	0	62	80	3
	GAZA	—	—	—	NE	1	2	20.6	-2.5	-2.5	25	-1	14	0	60	-3	0	250	374	
	HAIFA	1011.1	-3.1	+0.1	—	0	0	22.3	-2.2	-1.2	29	+2	18	+2	65	+3	0	665	642	0
DELTA & LOWER EGYPT	TANTA	1012.4	-2.6	—	NE	1	4	22.5	-0.7	—	30	—	17	—	64	—	0	35		
	EZBEKIYA	1010.8	-3.0	-2.1	NE	3	3	22.0	-1.0	-0.2	30	-1	18	+2	60	-1	0	17	32	
	GIZA	1011.0	-2.8	-2.6	N	2	3	21.3	-1.0	—	29	-3	18	+4	64	—	0	21	29	
	HELWAN	1009.4	-3.4	-3.8	ENE	4	3	24.8	+1.5	+2.6	31	-1	19	+2	25	-25	0	19	34	
	SIWA	1008.0	-5.4	-6.0	E	1	0	23.0	+1.7	+0.8	—	—	20	+5	44	-11	0	38	7	
RED SEA	SUEZ	1008.8	-3.4	-4.0	N	3	3	24.0	+0.5	+1.7	31	-1	20	+2	46	-22	0	28	25	3
	TOR	1010.8	-0.3	-0.4	NNE	1	4	26.1	+1.5	+1.6	29	-1	20	+1	61	-8	0	11	14	—
	HUROHADA	1011.5	+0.7		NNW	4	1	26.7	-0.1		34		21		44		0	0		2
	QOSSEIR	1009.9	-0.8		NW	4	0	28.2	+0.3		31		24		39		0	15		2
UPPER EGYPT	GIZA	1011.9	-1.7	-1.3	N	1	0	22.0	-2.0	-1.9	32	-1	18	+3	49	+2	0	17		
	MINYA	1011.9	+0.5		NNW	2	1	23.5	-0.5	+0.2	34	+1	19	+4	45	-10				
	ASYUT	1012.0	+1.3	-0.5	W	2	4	26.0	+1.0	+1.3	34	0	22	+4	45	+5	0	7		
	LUXOR	1010.4	+0.4		WNW	2	3	29.3	+1.6	+1.5	40	+2	25	+6	31	-7				
	ASWAN	1010.6	+1.5		NNE	1	3	29.5	+1.5		39		23		23		0	1		
	WADI HALFA	1008.7	-0.6	-2.5	—	0	1	30.6	+1.1	+1.7	41	+2	27	+5	23	-6				
	KORTI	1006.2	-1.2	-4.6	—	0	1	28.8	-2.8	+0.9	43	+4	24	+4	18	-4				
	ATBARA	1007.9	+3.6	-0.1	SSW	4	4	30.5	-4.5	-0.7	44	+3	29	+4	45	+23	0	3	6	
	SENNAR	1008.2	-2.5	-1.4	—	0	0	33.5	+0.6	+2.2	37	+3	25	+2	34	-11	0	29	108	1
	KASSALA	1006.6	+3.0	-2.1	SE	1	1	29.0	-5.0	+0.1	41	+2	23	0	58	+13	0	36	74	
	EL OBEID	1007.4	+2.0	-2.2	WSW	4	4	28.0	-6.4	-1.6	43	+4	23	+1	60	+19	0	17	26	
	FASHER	1011.8	+4.6	+1.6	SE	1	2	26.8	-1.4	-0.8	32	-4	24	+1	63	-1	trace	109	148	

Upper Wind Observations at Helwan at 8 45

Height in Kilometres	Direction	Force
500	SSE	10
1000	S	15
1500	SW	15
2000	WSW	30
3000	W	55

General Situation

The pressure distribution is unstable. A depression is situated between Malta and Crete, with a secondary in the desert west of Siwa Oasis, and the high pressure over Egypt is breaking down. There is also a shallow depression near Suez.

حالة الضغط

توزيع الضغط مضطرب حيث يوجد انخفاض رئيسي ما بين مالطا وكريت وله ثانوي على الصحراء غرب واحة سيوه ومنطقة الضغط المرتفع على مصر آخذة في التفكك بينما يوجد انخفاض آخر ضحل بالقرب من السويس.

Forecast for 24 hours from noon to-day.

Moderate easterly winds, veering to south and freshening.
Much high cloud.
Possibility of light rain on the coast. Changeable.
Warmer tomorrow. Moderate Khamsin conditions developing.

توقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح معتدلة شرقية تتحول الى الجنوب وتشتد قوتها. يكثر السحاب العالي ويحتمل ان تمطر خفيفا على الساحل. الطقس متقلب وتزداد حرارته غدا وتأخذ حالة الخماسين المعتدل في التكون.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	68	-1	19.3	+2.5
Ezbekiya	47	-6	17.2	-1.3
Giza	51	+4	17.2	—
Helwan	27	-12	14.9	-0.2

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
10.5	637	950
9.5	638	952

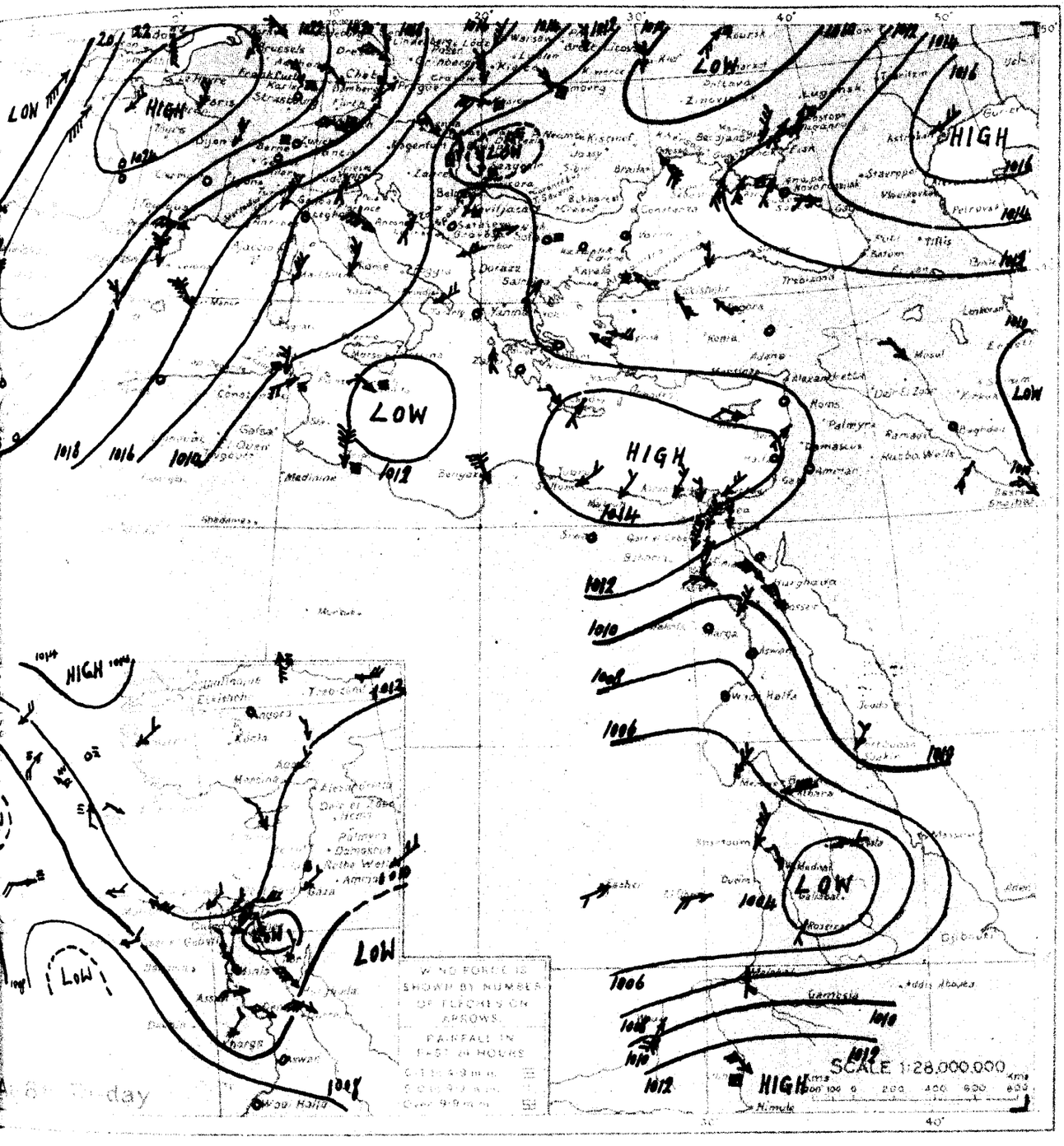
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Reading m.	Diff. from yesterday m.
Juba	10.5	13.82	+0.31	13.53	+0.03
Nasser	10.5	5.06	-1.16	5.04	-1.15
Malakal	10.5	9.64	-0.48	9.64	-0.47
Roseires	11.5	11.06	-0.59	10.96	-0.66
Sennar Res.	10.5	5.31	—	5.33	—
Makwar	10.5	4.21	-1.01	4.22	-0.91
Khartoum	11.5	9.81	-0.30	9.75	-0.35
Kh. el Girba					
Atbara	11.5	9.71	-0.22	9.72	-0.21
Wadi Halfa	10.5	0.96	-0.25	0.99	-0.27
Aswan Res.	10.5	108.25	—	108.29	—
" D.S.	10.5	85.06	-0.40	85.06	-0.39
El Leithi	11.5	16.73	-0.12	16.71	-0.13
Roda (Cairo)	11.5	15.75	+0.35	15.75	+0.24

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٥-١٠ Barometer and Wind at 8 h. Yesterday 10.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٥-١٠ From Observations taken at 8 h yesterday 10.5.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	
	m.m.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
Cairo	1014.3	+1.2	+0.1	NE	2	0	13	-2	—	18	—	8	—	70	—	—	—	621	—
Alex.	1011.5	-4.4	-3.6	NW	1	5	14	-2	—	18	-4	12	-3	80	—	trace	363	418	1
Tanta	1011.9	+1.1	-1.9	—	0	1	17	-1	—	—	—	13	-1	60	—	—	—	332	—
Mansoura	1014.3	+0.5	+0.3	SW	1	0	21	-1	—	24	+1	12	-3	—	—	0	489	443	1
Zagazig	1012.4	+2.0	-0.3	WNW	1	0	21	-1		25	-1	9	-4	—	—	0	371	447	0
Merowe	1005.4	-1.0	-3.9	NE	2	0	34.5	0.0	+2.3	46	+4	26	+3	9	-8	0	0	2	—
Atbara	1007.6	+0.6	-0.4	E	4	0	34.0	+0.5	+1.6	43	+2	25	+1	20	+6	0	0	4	—
Kassala	1003.1	-0.3	-4.5	E	1	0	35.0	-1.5	+2.7	43	+2	27	+2	37	0	0	2	17	—
Wad Medani	1005.1	+0.1	-2.6	N	1	3	35.5	-1.0	+4.4	46	+4	28	+5	33	+10	0	8	18	—
El Fasher	1005.1	+1.1	—	WSW	1	0	27.0	-2.0	-0.4	43	+5	18	-2	18	-8	0	1	10	—
El Obeid	1005.4	-0.2	-4.2	W	2	3	34.4	+3.0	+4.8	43	+4	23	+2	36	-4	0	17	25	—
Malakal	1007.2	+0.6	-2.9	S	2	4	28.2	-4.0	+0.6	40	+4	26	+3	60	-3	0	109	145	—
Wau	1008.3	+2.4	-1.1	SSW	2	2	27.2	-1.8	+1.5	37	+2	26	+4	71	-2	0	174	280	—
Juba	1013.5	+6.1	—	NW	3	4	21.7	-5.9	—	36	—	21	—	94	—	26	355	326	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 03

" " sunset 18 38

From Observations taken at 8 h. to-day.

Tuesday 12th May, 1931 ١٩٣١ الثلاثاء ١٢ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: First 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Normal to 1st Oct.	Sea
												°C		°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.6	-0.4	-5.2	WNW	5	0	17.6	-3.5	-3.8	26		13		63	-1	4	57	79	6
	MATRUH	1010.2	-1.2	-3.7	WNW	5	0	18.8	-2.4	-1.7	26	+1	15	0	49	-24	0	177	157	6
	ALEXANDRIA	1009.0	-4.5	-4.9	WSW	5	0	20.3	-1.5	-1.0	30	+4	18	+1	87	+16	0	96	189	5
	PORT SAID	1007.9	-4.4	-4.5	WSW	2	6	27.2	+5.0	+4.5	—	--	21	+3	45	-23	0	62	80	2
	GAZA	—	—	—	SW	2	0	31.4	+10.8	+8.2	32	+6	18	+3	31	-32	0	250	374	
	HAIFA	1006.7	-4.4	-4.3	SSE	1	0	28.3	+6.0	+4.7	29	+2	18	+2	66	+4	0	665	642	2
LOWER EGYPT	TANTA	1009.3	-3.1		SW	2	4	24.7	+2.2		31		19		49		0	35		
	CAIRO EZBEKIYA	1009.8	-1.0	-3.1	WSW	2	2	26.1	+4.1	+3.8	29	-3	21	+5	45	-16	0	17	32	
	CAIRO GIZA	1009.6	-1.4	-4.0	W	4	3	26.8	+5.5	—	36	-2	21	+7	42	—	0	21	29	
	CAIRO HELWAN	1010.0	+0.6	-3.2	WSW	2	0	25.9	+1.1	+3.6	30	-2	23	+6	39	-11	drops	19	34	
	SIWA	1012.4	+4.4	-1.6	WSW	6	0	21.0	-2.0	-1.3	—	—	11	-4	38	-16	0	38	7	
RED SEA	SUEZ	1007.9	-0.9	-4.9	S	2	0	25.0	+1.0	+2.6	34	+2	21	+3	68	0	drops	28	25	2
	TOR	1009.3	-1.5	-1.8	S	1	3	28.6	+2.5	+4.0	36	+6	23	+4	60	-9	drops	11	14	1
	HURGHADA	1008.8	-2.7	—	ESE	4	3	28.5	+1.8	—	34	—	20		59		0	0		2
	QOSSEIR	1009.6	-0.3	—	NW	5	4	28.7	+0.5	—	33	—	27		58		0	15		1
UPPER EGYPT	GEBALI	1010.0	-1.9	-3.2	NW	3	0	25.0	+3.0	+1.0	32	-1	20	+5	47	0	0	17		
	MINYA	1012.4	+0.5		NW	4	0	25.5	+2.0	+2.0	34	0	22	+6	48	-7				
	ASYUT	1012.8	+0.8	+0.3	NW	3	2	26.8	+0.8	+2.0	35	+1	24	+6	38	-2	0	7		
	QENA	1010.0	-0.4	—	ENE	2	4	30.8	+1.5	+2.8	39	+1	27	+8	26	-12				
	KHARGA	1011.2	+0.6		NNW	1	4	27.6	-1.9		37		26		30		0	1		
	ASWAN	1008.8	+0.1	-2.3	—	0	4	31.0	+0.4	+1.9	41	+2	28	+6	23	-6				
SUDAN	WAD HALFA	1006.2	0.0	-4.5	—	0	4	32.0	+3.2	+3.9	46	+7	26	+6	19	-3				
	MELKOWE	1005.5	-0.8	-3.7	SW	4	0	38.0	+2.0	+5.5	46	+4	28	+5	21	+4	0	0	2	
	ATBARA	1007.9	-0.8	-0.1	W	2	0	35.5	+1.5	+2.9	41	-1	28	+4	22	+8	0	0	5	
	KHARTOUM	1007.9	0.0	-0.1	S	3	3	32.8	+2.3	+1.5	39	-2	28	+3	36	+13	0	3	6	
	PORT SUDAN	1009.5	+1.3	-0.1	N	1	0	31.9	-1.6	+0.5	35	+1	24	+1	36	-9	0	29	108	1
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES																			
	EL FASHER	1007.1	+3.1	—	WNW	1	2	27.0	-3.0	-0.6	42	+4	22	+2	49	+22	0	1	11	
	EL OBEID																			
	MALAKAL	1010.6	-1.2	+0.4	SE	2	4	29.2	+2.4	+1.7	36	0	26	+3	51	-13	0	109	151	
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 8 45

Height (metres)	Kms. an hour	Direction
500	30	W
1000	35	W
1500	40	WSW
2000		
3000		

General Situation

The depression moved rapidly east and is now situated near the coast of Palestine. Pressure over Egypt is rising quickly.

الحالة الجوية

قد تحرك الانخفاض بسرعة نحو الشرق وهو الآن القرب من شاطئ فلسطين - والضغط فوق مصر يرتفع بسرعة .

Forecast for 24 hours from noon to-day.

Moderate to fresh winds between southwest and northwest.
Much cloud.
Further light rain in the north probable.
Normal temperature.

حالة الطقس في يوم الثلاثاء

رياح بين المعتدلة والنشيطة بين جنوبية غربية وشمالية غربية - يكثر السحاب - يحتمل تساقط مطر خفيف أخر في الشمال - ودرجة الحرارة حوالى المعدل .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	75	+5	20.3	+3.4
Ezbekiya	53	0	17.2	-1.4
Giza	59	+12	17.6	—
Helwan	27	-12	16.1	+1.0

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually
L " " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
11.5	657	947
10.5	637	950

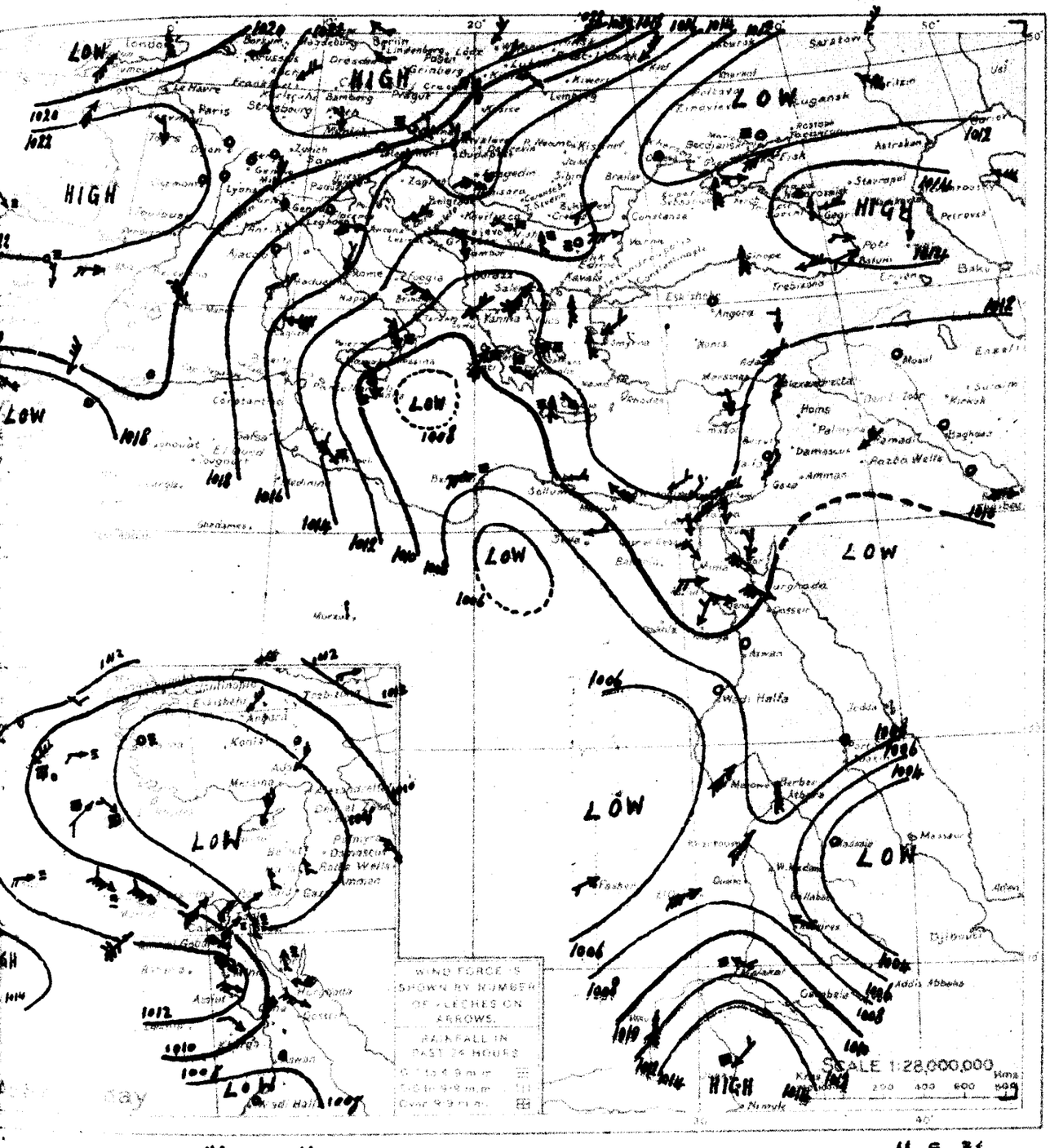
GAUGE	Date	Rainfall	Diff. from normal	Res.	Diff. from normal
	1931	m	m	m	m
Juba	11.5	14.62	+1.10	13.82	+0.31
Nasser	11.5	5.10	-1.14	5.06	-1.16
Malakal	11.5	9.64	-0.49	9.64	-0.48
Roseires	12.5	11.14	-0.56	11.06	-0.59
Sennar Res.	11.5	5.24	—	5.31	—
Makwar	11.5	4.19	-1.05	4.21	-1.01
Khartoum	11.5	9.87	-0.30	9.75	-0.35
Kh. el Girba					
Atbara	12.5	9.70	-0.23	9.71	-0.22
Wadi Halfa	11.5	0.94	-0.27	0.96	-0.25
Aswan Res.	11.5	108.18	—	108.25	—
" D.S.	11.5	85.11	-0.36	85.06	-0.40
El Leithi	12.5	16.73	-0.12	16.73	-0.13
Roda (Cairo)	12.5	15.77	+0.37	15.75	+0.35

PRINTED AT THE SURVEY OF EGYPT (929/29/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-0-11 Barometer and Wind at 8 h. Yesterday 11.5.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-0-11 From Observations taken at 8 h. yesterday 11.5.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff from normal	Maximum	Minimum	Diff from normal	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
	1016.3	+2.0	+2.1	NE	1	0	15	+2	—	20		10		60	—	—		623	—
	1009.1	-2.4	-6.0	N	5	5	14	0	—	15	-7	13	-2	90	—	3	566	418	3
	1012.2	+0.3	-1.6	—	0	4	17	0	—	—	—	14	0	70	—	rain	—	333	—
	1011.4	-2.9	-2.5	NW	1	3	22	+1	—	24	+1	14	-1	—	—	0	489	444	1
	1012.0	-0.4	-0.7	NNW	1	0	22	+1		25	-1	11	-2	—	—	0	371	447	2
Merowe	1006.3	+0.9	-3.0	SW	4	0	36.0	+1.5	+3.7	47	+5	30	+5	10	-7	0	0	2	—
Atbara	1008.7	+1.1	+0.7	S	3	0	34.0	0.0	+1.5	43	+2	27	+3	22	+2	0	0	5	—
Kassala	1003.1	0.0	-4.5	—	0	0	34.5	-0.5	+2.2	42	+1	28	+3	30	+2	0	2	17	—
El Fasher	1004.3	-0.8	—	WSW	1	0	30.0	+3.0	+2.5	43	+5	24	+4	32	+4	0	1	11	—
Wau	1010.0	+1.7	+0.6	S	5	2	24.0	-1.2	+0.3	34	+3	14	+2	99	-4	0	174	284	—
Juba	1014.7	+1.2	—	NE	1	3	22.2	+0.3	—	35	—	20	—	93	—	23	378	330	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 02

" " sunset 18 40

From Observations taken at 8h. to-day.

Wednesday 13th May, 1931 ١٩٣١ الاربعاء ١٣ مايو

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Total since 1st Jan.	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
SOLLUM	1019.0	+9.4	+4.3	NW	2	0	18.3	+0.7	-3.2	25	—	15	—	74	+10	0	57	99	3
MATRUH	1017.4	+7.2	+3.6	NW	2	0	18.8	0.0	-1.8	21	-4	14	-2	52	-21	0	177	157	2
ALEXANDRIA	1017.0	+8.0	+3.2	W	2	2	19.9	-0.4	-1.5	24	-2	17	0	73	+2	0	96	189	3
PORT SAID	1016.4	+8.5	+4.1	W	2	0	20.9	-6.3	-1.9	31	+5	17	-1	66	-2	0	62	80	2
GIZA	—	—	—	W	1	0	23.9	-7.5	+0.6	35	+9	16	+1	21	-42	0	250	374	—
ASWAN	1013.8	+7.1	+2.9	—	0	0	23.7	-4.6	-0.1	30	+2	18	+2	61	-1	Drizzle	665	643	2
TANTA	1017.1	+7.8	—	~~WSW~~ 55 W	1	0	20.9	-3.8	—	~~32~~ 39	—	13	—	65	—	0	35	—	—
ZAGAZIG	1017.0	+7.2	+4.1	—	0	0	21.5	-4.6	-1.0	31	-1	16	0	47	-14	0	17	32	—
BENHA	1017.2	+7.6	+3.6	—	0	0	21.0	-5.8	—	32	0	12	-2	53	—	0	21	29	—
KERESAN	1017.0	+7.0	+3.9	NNW	1	0	20.5	-5.4	-1.9	31	-1	16	-1	49	-1	0	19	34	—
CAIRO	1018.4	+6.0	+4.4	—	0	0	19.2	-1.8	-3.3	—	—	16	+1	65	+11	0	38	7	—
SUEZ	1015.8	+7.9	+3.0	—	0	10	23.0	-2.0	+0.5	34	+2	17	-1	59	-9	0	28	25	0
TOR	1013.6	+4.3	+2.6	NW	2	4	25.6	-3.0	+0.9	36	+6	24	+5	71	+2	0	11	14	2
HURGHADA	1014.7	+5.9	—	NNW	5	2	26.5	-2.0		34		24		41		0	0		3
KOSEIR	1014.0	+4.4	—	N	6	4	26.5	-2.2	—	37	—	25		45		0	15		5
[illegible]	1017.9	+7.9	+4.7	N	1	0	22.0	-3.0	-2.2	32	-1	15	0	48	+1	0	17		
[illegible]	1017.5	+5.1	—	NNE	3	2	22.5	-3.0	-1.2	32	-2	15	-1	52	-3				
[illegible]	1017.2	+4.4	+4.8	WNW	3	0	22.5	-4.3	-2.4	33	-2	18	0	38	-2	0	7		
[illegible]	1014.8	+4.8	—	NNW	3	4	26.6	-4.2	-1.5	39	+1	24	+5	20	-18				
[illegible]	1015.8	+4.6	—	ESE	2	4	24.3	-3.3	—	32		22		30		0	1		
[illegible]	1013.4	+4.6	+2.3	NE	3	4	27.3	-3.7	-2.0	41	+2	27	+5	15	-14	rain			
[illegible]	1011.4	+5.2	+0.7	NNE	1	2	29.2	-2.8	+1.0	43	+4	27	+7	16	-6				
[illegible]	1007.9	+2.4	-1.3	NE	4	1	35.0	-3.0	+2.4	46	+4	30	+6	37	+20	0	0	2	
[illegible]	1008.6	+0.7	+0.6	W	2	1	34.0	-1.5	+1.3	42	0	27	+3	31	+17	0	0	5	
[illegible]	1009.9	+2.0	+1.9	SSE	2	3	31.5	-1.3	+0.2	41	0	27	+2	34	+11	0	3	6	
[illegible]	1012.0	+2.5	+2.5	W	1	0	33.5	+1.6	+1.9	35	0	25	+2	33	-12	0	29	108	1
[illegible]	1012.4	+2.6	+4.6	SSE	2	3	31.5	+1.5	+0.3	39	-3	26	+2	37	+12	0	8	20	
[illegible]	1007.9	-4.1	-1.0	S	1	0	29.0	+7.5	+0.3	33	-6	21	-2	64	+19	2	62	78	
[illegible]	1009.4	+1.5	-0.2	SSW	3	2	32.0	+3.0	+2.4	38	-1	22	0	30	-12	1	18	27	
[illegible]	1011.4	+0.8	+1.1	ESE	1	3	30.6	+1.4	+3.2	38	+2	25	+2	48	-17	0	109	154	

General Situation

The depression has moved to northern Iraq and pressure over Egypt has continued to rise and is now above normal.

الانخفاض الى شمال العراق والضغط على مصر مستمر في الصعود وقد فاق المعدل الآن.

[illegible]	15	ANW
[illegible]	30	NW
[illegible]	30	WNW
[illegible]	40	W
[illegible]	40	W

Forecast for 24 hours from noon to-day.

Light to moderate west to northwest winds.
Some medium cloud.
Remaining cool.

توقعات ٢٤ ساعة من ظهر اليوم

رياح غربية الى شمالية غربية ما بين الخفيفة والمعتدلة.
بلاد بعض السحاب المتوسط
ويستمر الطقس مائلا للبرودة.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Mean Temperature Mean of Day: Yesterday	Mean Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	84	+14	17.9	+0.9
Ezbekiya	41	-12	17.2	-1.5
Giza	37	-10	16.6	—
Helwan	29	-10	15.5	+0.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by Sluices in m3 per sec

DATE	1931	1930
13.5	659	954
12.5	656	953

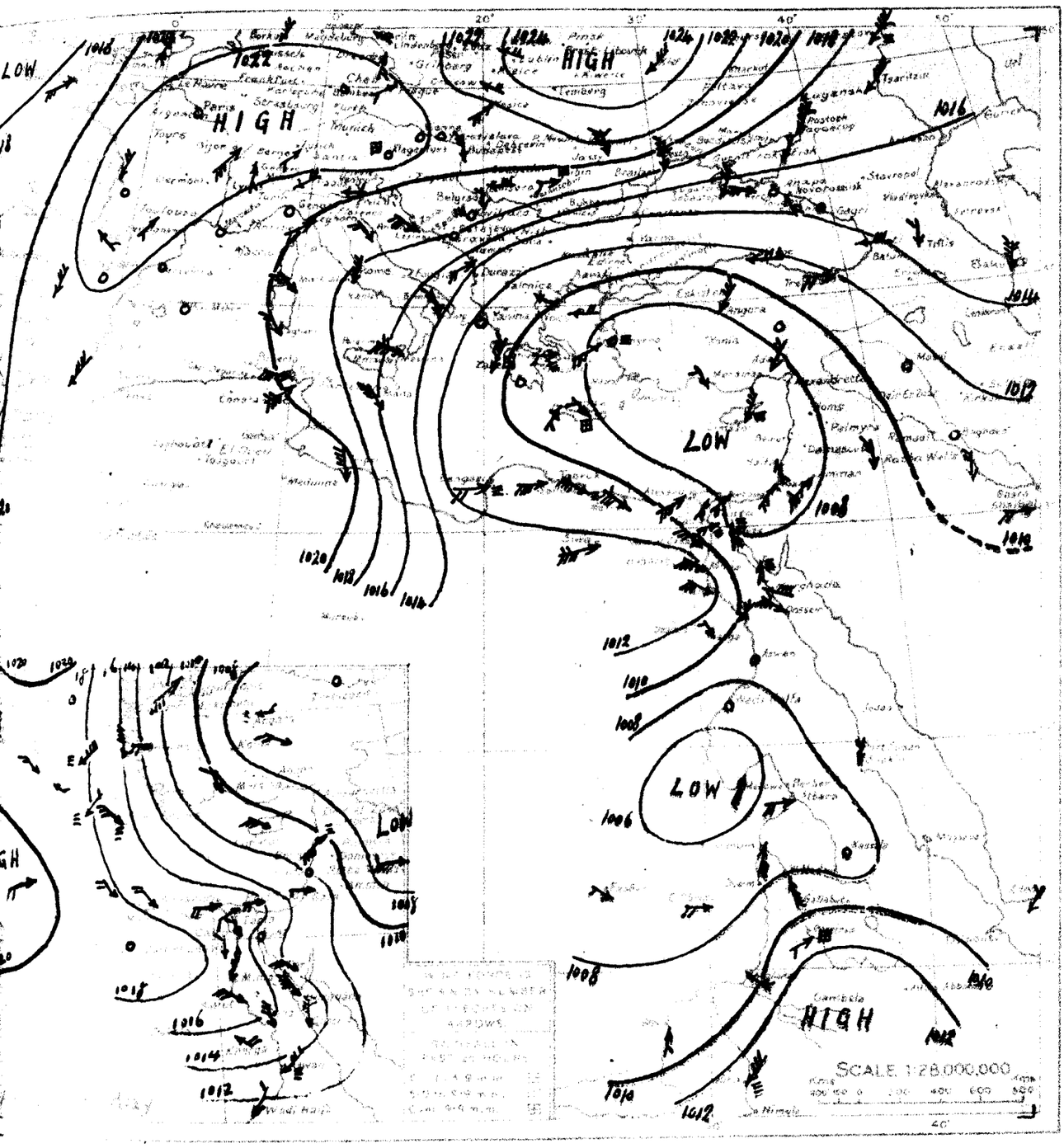
GAUGE	Date 1931	Reading m	Diff. from normal m	Prev. d	Diff. m
Dongola	12.5	13.73	+0.20	14.62	+1.10
Nasser	11.5	5.10	-1.14	5.06	-1.16
Malakal	13.5	9.68	-0.48	9.64	-0.51
Rosaires	13.5	11.48	-0.26	11.14	-0.56
Sennar Res.	12.5	5.19	—	5.24	—
Makwar	12.5	4.18	-1.08	4.19	-1.05
Khartoum	13.5	9.78	-0.33	9.80	-0.31
Kh. el Girba					
Atbara	12.5	9.70	-0.23	9.71	-0.22
Wadi Halfa	12.5	0.93	-0.28	0.94	-0.27
Aswan Res.	13.5	108.01	—	108.11	—
" D.S.	13.5	85.12	-0.37	85.10	-0.39
El Leithi	13.5	16.73	-0.12	16.73	-0.12
Roda (Cairo)	13.5	15.77	+0.37	15.77	+0.37

PRINTED AT THE SURVEY OF EGYPT 1320(29/55 y/t) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١ - ٥ - ١٩٣١ Barometer and Wind at 8 h. Yesterday 12.5.31.



WIND VELOCITY

	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	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - ٥ - ١٩٣١ From Observations taken at 8 h. yesterday 12.5.31.

	PRESSURE			WIND			TEMPERATURE								HUMIDITY		RAINFALL			SEA
	Reduced to 0° Lat.	Change in 24 hours	Diff. from normal	Direction	Force	Sky	At 8 h.	Diff. from normal	Max.	Min.	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	At 8 h.	Diff. from normal	Last 24 hours	Since 1st Jan.	Since 1st Jan.	
	mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C	°C	°C	%	%	mm.	mm.	mm.	
	1017.5	+1.2	+5.2	NE	2	0	17	+2		23		11		6		60		—		625	
	1015.9	+6.8	+0.7	NW	4	0	17	+3		16	-6	13	-2	7		70		0	366	419	3
	1009.6	-2.6	-4.2	W	1	5	16	-1		—	—	14	-1	7		70		rain		333	
	1009.6	-1.8	-4.3	NW	1	4	15	-7		23	0	13	-2					25	514	444	4
	1007.1	-4.9	-5.6	NNE	3	2	18	-4		23	-3	12	-1					2	373	442	4
Kassala كسلا	1007.6	+4.5	-0.1	—	0	0	33.5	-1.0	+1.2	40	-1	25	0	21	-15			0	2	17	—
Wad Madani ودمدني	1009.8	—	+2.0	SSE	4	3	30.0	—	-1.2	41	-1	22	-2	50	+26			0	8	19	—
Roseires الروصيرص	1012.0	+5.4	+3.2	WSW	1	3	21.5	-7.5	-7.3	39	0	21	-2	96	+51			24	60	76	—
El Obeid الابيض	1007.9	+0.5	-1.7	W	2	3	29.0	+1.0	-0.6	40	+1	23	+1	52	+11			0	17	26	—
Wau واو	1008.8	-1.2	-0.7	S	1	0	30.4	+4.4	+4.7	—	—	26	+5	51	-22			0	174	289	—
Juba جوبا	1013.9	-0.8	—	NE	3	0	25.8	+3.6	—	30	—	21	—	82	—			trace	378	333	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 01

" " sunset 18 40

From Observations taken at 8h. to-day.

Thursday 14th May, 1931 ١٩٣١ الخميس ١٤ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum (Yesterday)	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total (Jan. 1st to date)	Normal (Jan. 1st to yesterday)	SEA
											°C		°C		%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1019.9	+0.9	+5.3	NNW	2	1	19.4	+1.1	-2.2	25		13		61	-3	0	57	99	3
	MATRUH	1020.0	+2.6	+6.2	NNW	3	2	18.4	-0.4	-2.3	20	-5	13	-3	52	-21	0	177	157	3
	ALEXANDRIA	—	—	—	NW	1	3	19.5	-0.4	-2.0	23	-3	16	-1	75	+4	0	96	189	2
	PORT SAID	1018.3	+1.9	+6.0	WSW	2	0	21.8	+0.9	-1.2	26	0	17	-1	65	-3	0	62	80	1
	GAZA	—	—	—	—	0	2	20.7	-3.2	-2.7	24	-2	14	-1	70	+7	0	250	374	
	JAFFA	1014.8	+1.0	-4.0	—	0	0	22.0	-1.7	-1.9	26	-2	18	+2	67	+5	0	665	643	2
NILE VALLEY AND DELTA	TANTA	1019.0	+1.9		SW	1	0	20.9	0.0		28		13		60		0	35		
	ZAGAZIGIYA	1018.7	+1.7	+5.8	NE	1	1	20.0	-1.5	-2.6	29	-3	16	0	68	+7	0	17	32	
	MINIA	1018.8	+1.6	+5.2	NNW	2	1	19.2	-1.8	—	29	-3	12	-2	75	—	0	21	29	
	ASSIUT	1018.6	+1.6	+5.5	NNW	2	1	19.4	-1.1	-3.1	27	-5	16	-1	61	+11	0	19	34	
	KENA	1019.8	+1.4	+5.9	—	0	0	19.5	+0.8	-3.1	—	—	15	0	68	+14	0	38	7	
RED SEA	SUEZ	1016.8	+1.0	+4.1	N	2	1	21.0	-2.0	-1.6	29	-3	18	0	74	+6	0	28	25	1
	TOR	1014.4	+0.8	+3.4	NW	4	4	25.0	-0.6	+0.2	30	-1	22	+3	68	-1	0	11	14	4
	HURGHADA	1014.8	+0.1	—	NNW	5	3	25.3	-1.2	—	30	—	18		51		0	0		3
	QOSSEIR	1014.8	+0.8	—	N	6	4	25.3	-1.2	—	29	—	24		48		0	15		6
[illegible]	[illegible]	1019.0	+1.1	+5.9	N	1	0	22.0	0.0	-2.3	30	-3	15	0	58	+11	0	17		
	[illegible]	1018.7	+1.2		NNW	3	0	22.5	0.0	-1.3	29	-5	17	+1	56	+1				
	[illegible]	1018.4	+1.2	+6.0	WNW	2	3	22.5	0.0	-2.5	30	-5	18	0	48	+8	0	7		
	[illegible]	1016.0	+1.2		W	1	3	25.8	-0.8	-2.4	35	-3	20	0	36	-2				
	[illegible]	1017.0	+1.2		—	0	3	23.5	-0.8		32		17		41		0	1		
	[illegible]	1014.7	+1.3	+3.7	N	3	4	26.0	-1.3	-3.4	35	-4	24	+2	19	-10	Rain			
	[illegible]	1013.8	+2.4	+3.2	NNE	1	7	27.4	-1.8	-0.9	35	-4	25	+5	23	+1				
	[illegible]	1007.2	-1.4	-0.8	NE	4	0	34.0	0.0	+1.2	44	+2	30	+6	29	+15	0	0	5	
	[illegible]	1007.2	-2.7	-0.8	NNE	4	2	33.0	+1.5	+1.6	39	-2	29	+4	19	-5	0	3	6	
	[illegible]	1013.3	+1.3	+3.9	N	4	0	33.1	-0.4	+1.4	37	+2	25	+2	28	-16	0	29	108	4
	[illegible]	1005.1	-2.8	-3.8	NNW	1	0	33.0	+4.0	+4.4	40	+1	28	+5	50	+4	0	62	80	
	[illegible]	1008.8	+2.4		WSW	1	0	27.5	-2.5	-0.2	43	+5	20	0	21	-7	0	1	11	
	[illegible]	1008.6	-0.8	-1.0	NNW	3	4	31.0	-1.0	+1.4	40	+1	25	+3	19	-23	0	18	27	

General Situation

8 30 A high pressure system is situated over the central Mediterranean and extends to Egypt, where the pressure has strengthened.

هناك ارتفاع فوق أواسط البحر الأبيض ممتد حتى مصر حيث قد ارتفع الضغط.

500	20	NNW
1000	15	NW
1500	45	W
2000	55	WNW
2500		

Forecast for 24 hours from noon to day.

Moderate northwesterly winds, at times fresh veering tomorrow to northeast. Occasional medium cloud. Remaining cool.

رياح شمالية غربية معتدلة تشتد نوعاً أحياناً وتتحول الى شمالية شرقية باكر. وظهر بعض السحب المتوسط الارتفاع أحياناً. يستمر الطقس بائرد للبرودة.

STATION	Humidity Mean of Day Yesterday	Diff. from normal	Min. Temperature Mean of Day Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	75	+5	17.3	+0.2
Ezbekiya	49	-4	16.2	-2.6
Giza	51	+4	16.0	—
Helwan	42	+3	15.1	-0.2

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
13.5	659	954
12.5	656	953

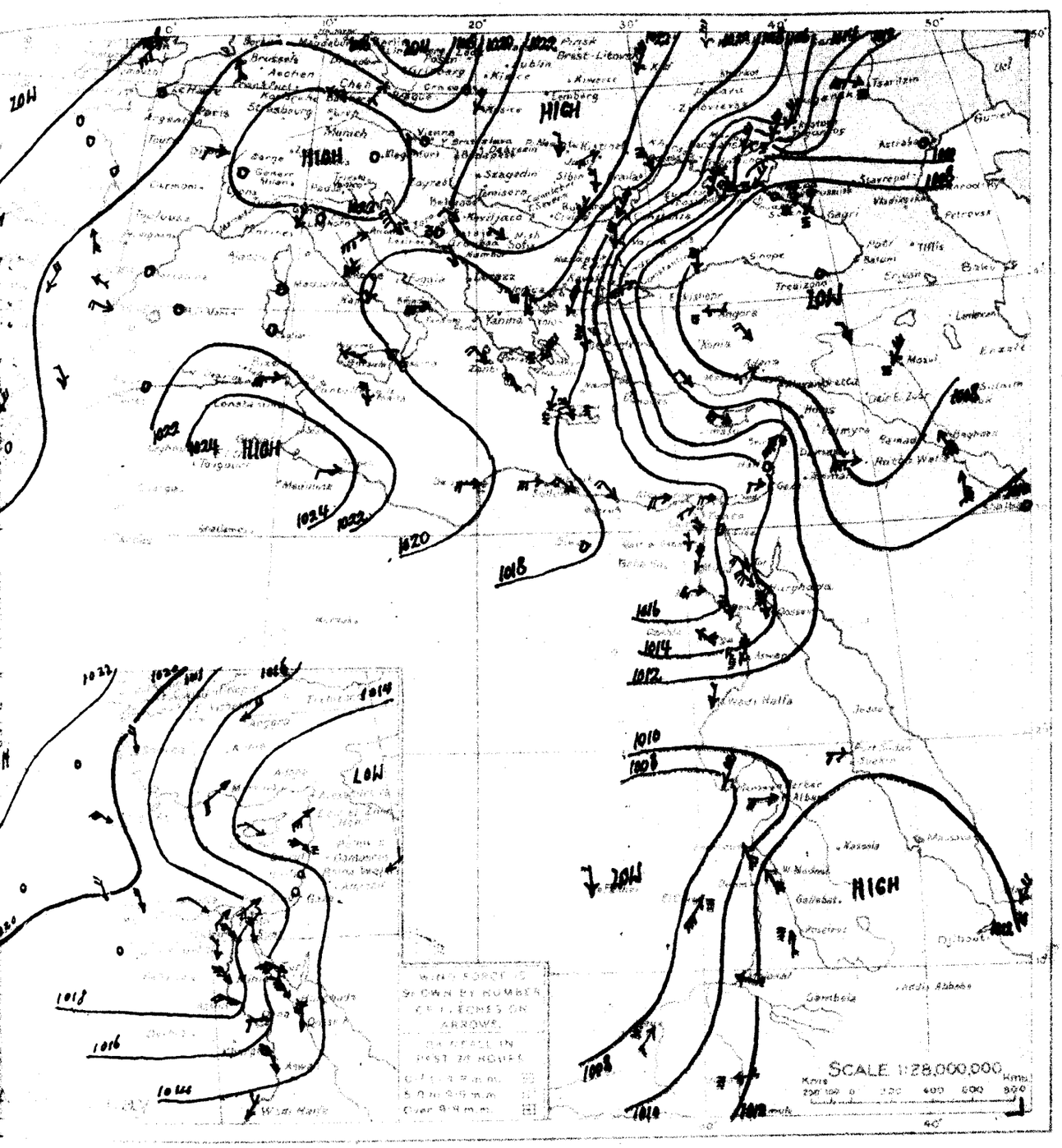
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Reading m.	Diff. from normal m.
Juba	13.5	13.72	+0.19	13.73	+0.20
Nimule	12.5	5.12	-1.14	5.10	-1.14
Malakal	13.5	9.68	-0.48	9.64	-0.51
Rosaires	13.5	11.48	-0.26	11.14	-0.56
Sennar Res.	13.5	5.17	—	5.19	—
Makwar	13.5	4.17	-1.13	4.18	-1.08
Khartoum	14.5	9.74	-0.38	9.78	-0.33
Kh. el Girba					
Atbara	13.5	9.69	-0.25	9.70	-0.23
Wadi Halfa	14.5	0.96	-0.25	0.96	-0.25
Aswan Res.	13.5	108.01	—	108.11	—
" D.S.	13.5	85.12	-0.37	85.10	-0.38
El Leithi	14.5	16.73	-0.12	16.73	-0.12
Roda (Cairo)	14.5	15.75	+0.35	15.77	+0.37

PRINTED AT THE SURVEY OF EGYPT 1929(23/694/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٥-١٣ Barometer and Wind at 8 h Yesterday 13.5.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٥-١٣ From Observations taken at 8 h yesterday 13.5.31.

	BAROMETER			WIND			TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force	SKY	At 8 h	Change in past 24 hours	Diff from normal	Maximum	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]	1021.2	+3.7	+6.9	NE	1	0	18	+1	—	24	—	12	—	50	—	—	—	626	—
[illegible]	1020.5	+4.6	+5.1	N	2	0	17	0	—	19	-3	14	-1	80	—	0	366	419	2
[illegible]	1019.4	+9.8	+5.6	NE	4	3	15	-1	—	—	—	16	+1	60	—	Rain	—	334	—
[illegible]	1017.1	+7.5	+3.2	NW	3	3	18	+3	—	19	-4	15	0	—	—	2	516	445	5
[illegible]	1010.8	+3.7	-1.9	WNW	3	4	19	+1		27	+1	16	+3	—	—	0	373	448	6
El Fasher الفاشر	1006.4	-1.0	—	NNW	1	1	30.0	+3.0	+2.4	41	+3	24	+4	30	+2	0	1	11	—
Wau واو	1008.7	-0.1	-0.8	SSW	1	0	31.3	+0.9	+5.6	38	+3	26	+5	52	-21	1	175	293	—
Juba جوبا	1011.8	-2.1	—	E	1	0	27.0	+1.2	—	33	—	22	—	72	—	tr.	378	337	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 01

" " sunset 18 41

From Observations taken at 8h. to-day.

Friday 15th May, 1931 ١٩٣١ الجمعه ١٥ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm						°C			°C		°C		%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.9	0.0	+5.4	NW	1	2	17.1	-2.3	-4.6	25		13		78	+14	0	57	99	3
	MATRUH	1019.0	-1.0	+5.2	NNW	3	0	18.4	0.0	-2.4	20	-5	14	-2	52	-21	0	177	157	4
	ALEXANDRIA	1018.3	—	+4.5	W	1	3	19.4	-0.1	-2.2	23	-3	16	-1	68	-3	0	96	189	1
	PORT SAID	1017.5	-0.8	+5.2	W	3	0	20.3	-1.5	-2.9	25	-1	17	-1	69	+1	0	62	80	2
	GAZA	—	—	—	W	1	2	19.6	-1.1	-3.9	23	-4	13	-2	77	+14	0	250	374	
	HAIFA	1014.6	-0.2	+3.8	—	0	0	21.5	-0.5	-2.5	25	-3	15	-1	56	-6	0	665	643	2
LOWER EGYPT	TANTA	1017.5	-1.5		SW	1	2	21.0	+0.1		27		13		60		0	35		
	EZBEKIYA	1017.9	-0.8	+5.1	NW	2	2	20.0	0.0	-2.8	28	-4	15	-1	66	+5	0	17	32	
	GIZA	1018.3	-0.5	+4.8	NW	2	3	19.5	+0.3	—	28	-4	13	-1	68	—	0	21	29	
	HELWAN	1017.5	-1.1	+4.4	NNW	2	0	18.3	-1.1	-4.3	26	-6	14	-3	64	+14	0	19	34	
	SIWA	1020.6	+0.8	+6.7	—	0	0	18.0	-1.5	-4.8	—	—	14	-2	62	+8	0	38	7	
RED SEA	SUEZ	1015.9	-0.9	+3.2	N	2	1	19.0	-2.0	-3.8	27	-5	17	-1	81	+13	0	28	25	2
	TOR	1014.8	+0.4	+3.9	NW	5	0	25.6	+0.6	+0.7	29	-2	20	+1	38	-32	0	11	14	4
	HURGHADA	1015.1	+0.3	—	NNW	5	0	25.2	-0.1		28	—	17	—	46		0	0		3
	QOSSEIR																			
UPPER EGYPT	GEBALI	1018.7	-0.3	+5.6	NW	2	0	20.6	-1.4	-3.9	30	-3	16	0	64	+17	0	17		
	MINYA	1018.7	0.0		NNW	1	0	20.0	-2.5	-3.9	29	-5	14	-2	59	+4				
	ASYUT	1018.2	-0.2	+5.8	NNW	3	0	22.4	-0.1	-2.7	30	-5	16	-3	42	+2	0	7		
	QENA	1016.2	+0.2		WSW	2	0	24.4	-1.4	-4.0	34	-4	17	-3	35	-3				
	KHARGA	1016.7	-0.3		N	1	0	26.0	+2.5		32		20		33		0	1		
	ASWAN	1015.6	+0.9	+4.6	—	0	0	24.0	-2.0	-5.5	32	-8	19	-3	26	-3				
SUDAN	WADI HALFA	1014.2	+0.4	+3.6	—	0	*	26.0	-1.4	-2.4	34	-5	21	+1	26	+4				
	SEROWE	1009.6	-1.4	+0.5	NE	3	0	32.0	-2.5	-0.8	44	+2	25	+1	11	-6	0	0	2	
	KASSALA	1008.6	+1.4	+0.6	N	5	0	27.0	-5.0	-3.9	44	+2	28	+4	31	+17	0	0	5	
	KHARTOUM	1008.4	+1.2	+0.4	N	4	6	32.2	-0.8	+0.7	44	+3	29	+4	14	-11	0	3	6	
	PORT SUDAN	1012.2	-1.1	+2.8	N	4	0	31.1	-2.0	-0.8	36	+1	23	0	42	-2	0	29	108	4
	KASSALA	1006.2	-4.0	-1.6	S	1	0	34.5	-1.0	+2.2	40	-1	28	+3	41	+3	0	2	19	
	WAD MEDANI	1006.7	+1.6	-2.3	SSW	1	0	29.5	-3.5	+1.0	39	0	26	+3	61	+15	0	62	81	
	ROSEIRES																			
	EL FASHER	1009.1	+0.3	—	WNW	1	1	30.0	+2.5	+2.3	41	+3	20	0	16	-13	0	1	12	
	EL OBEID																			
	MALAKAL	1011.1	-0.1	+0.7	SSW	2	2	26.4	+3.4	-0.8	27	-9	22	-1	77	+11	3	143	129	
	NAS	1010.6	+1.2	+1.0	SW	3	2	26.0	-2.1	+0.4	35	0	25	+4	70	-4	0	177	303	
	JUBA	1013.3	+4.0	—	NNW	2	3	25.5	-2.3	—	35	—	22	—	82	—	3	381	344	

Upper Wind Observations at Helwan at h. m.

Height (Metres)	Kms. per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation الحالة العمومية

Forecast for 24 hours from noon to-day. [illegible] من حصولها في نفس من اليوم الى الظهر الغد

STATION	Humidity Mean of Day: Yester day	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	67	-3	17.2	0.0
Ezbekiya	54	+1	16.1	-2.8
Giza	61	+14	16.2	—
Helwan	45	+6	15.1	-0.3

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
15.5	659	950
14.5	658	951

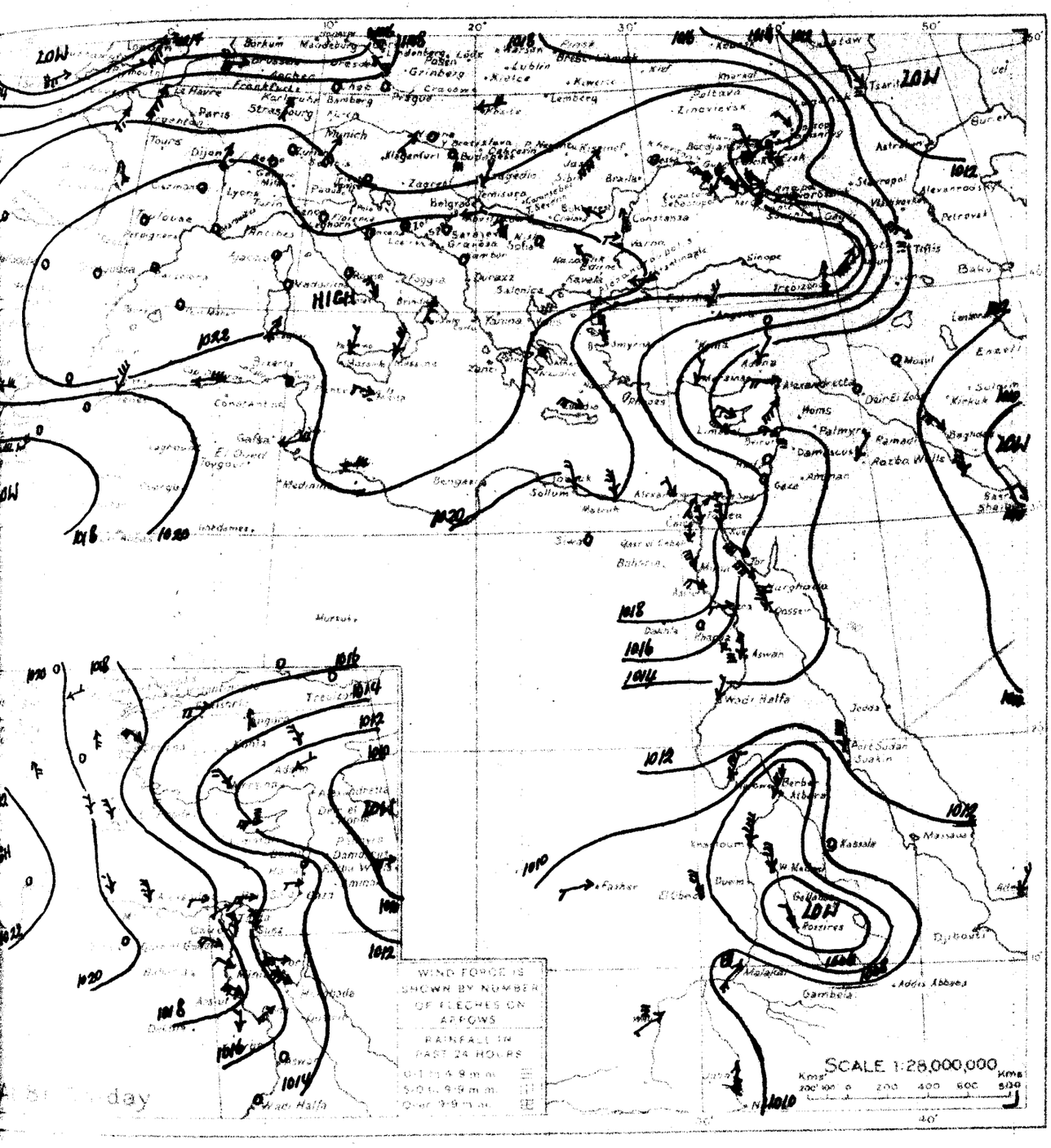
GAUGE	Date 1931	Reading m	Diff from normal m	Reading m	Diff from normal m
Juba	15.5	13.51	-0.03	13.60	+0.06
Nasser	14.5	5.12	-1.20	5.15	-1.13
Malakal	13.5	9.68	-0.48	9.64	-0.51
Roseires	13.5	11.48	-0.26	11.14	-0.56
Sennar Res.	15.5	5.27	—	5.18	—
Makwar	15.5	4.21	-1.16	4.18	-1.16
Khartoum	14.5	9.74	-0.38	9.78	-0.33
Kh. el Girba					
Atbara	13.5	9.69	-0.25	9.70	-0.23
Wadi Halfa	14.5	0.96	-0.25	0.96	-0.25
Aswan Res.	15.5	107.88	—	107.95	—
" D.S.	15.5	85.11	-0.39	85.11	-0.89
El Leithi	15.5	16.72	-0.13	16.73	-0.12
Roda (Cairo)	14.5	15.75	+0.35	15.77	+0.37

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٥-١٤ Barometer and Wind at 8 h. Yesterday 14.5.31



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٥-١٤ From Observations taken at 8 h. yesterday 14.5.31.

	BAROMETER			WIND		SKY	TEMPERATURES							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
Cairo	1023.5	+2.3	+9.1	—	0	0	17	-1	—	25	—	12	—	70	—	—	—	628	—
Malta	1023.1	+2.6	+7.7	WNW	1	1	18	+1	—	22	0	13	-2	80	—	0	366	419	1
Athens	1021.2	+1.8	+7.4	—	0	0	16	+1	—	—	—	—	—	40	—	—	—	335	—
Candia	1020.6	+3.5	+6.7	WNW	3	1	17	-1	—	20	-3	14	-1	—	—	0	516	446	5
Limassol	1013.9	+3.1	+1.2	WNW	1	2	21	+2		23	-3	12	-1	—	—	0	373	449	1
Merowe	1011.0	+3.1	+1.8	NE	5	0	34.5	-0.5	+1.8	48	+6	30	+6	11	-6	0	0	2	—
Kassala	1010.2	+2.6	+2.4	—	0	0	35.5	+2.5	+3.2	43	+2	27	+2	33	-5	0	2	18	—
Wad Medani	1007.8	-4.6	0.0	N	3	0	36.0	+4.5	+4.8	41	-1	27	+3	20	-5	0	8	20	—
Malakal	1011.2	-0.2	+0.9	SSW	2	4	23.0	-7.6	-4.3	40	+4	22	-1	91	+26	31	140	156	—
Wau	1009.4	+0.7	-0.1	SW	1	1	28.1	-3.2	+2.5	38	+3	26	+5	70	-4	2	177	298	—
Juba	1009.3	-2.5	—	S	4	1	27.8	+0.8	—	35	—	24	—	73	—	0	378	840	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 01

" " sunset 18 42

From Observations taken at 8 h. to-day.

Saturday 16th May, 1931 ١٩٣١ السبت ١٦ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. yesterday	Temperature: Diff. from normal	Temperature: Min. yesterday	Temperature: Diff. from normal	Humidity: At 9 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. last year	Rainfall: Total since 1st Jan. last year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.9	0.0	+5.5	N	1	1	19.3	+2.2	-2.6	24	—	13	—	72	+8	0	57	99	2
	MATRUH	1019.5	+0.5	+5.7	NW	3	0	18.6	+0.2	-2.3	20	-5	15	-1	52	-21	0	177	157	4
	ALEXANDRIA	1018.8	+0.5	+5.0	WNW	2	3	18.9	-0.5	-2.9	23	-3	16	-1	70	-1	0	96	189	2
	PORT SAID	1018.4	+0.9	+6.1	WNW	2	0	21.0	+0.7	-2.3	25	-1	17	-1	58	-10	0	62	80	2
	GAZA	—	—	—	—	0	0	21.1	+1.5	-2.6	23	-4	14	-1	69	+6	0	250	374	
	HAIFA	1015.4	+0.8	+4.7	—	0	0	23.6	+2.1	-0.6	26	-2	16	-1	62	0	0	665	643	1
DELTA AND LOWER EGYPT	TANTA	1017.8	+0.3	—	W	1	2	19.7	-1.3	—	27	—	12	—	55	—	0	35	—	
	EZBEKIYA	1019.2	+1.3	+6.4	NNE	1	2	18.8	-1.2	-4.1	28	-4	14	-3	60	-1	0	17	32	
	GIZA	1019.4	+1.1	+5.9	NNW	2	3	18.7	-0.8	—	27	-5	11	-4	65	—	0	21	29	
	HELWAN	1019.4	+1.9	+6.3	NNE	2	1	17.5	-0.8	-5.3	26	-6	12	-5	58	+8	0	19	34	
	SIWA	1020.4	-0.2	+6.6	—	0	0	19.0	+1.0	-3.9	—	—	14	-2	63	+9	0	38	7	
RED SEA AND SOUTHERN SINAI	SUEZ	1017.5	+1.6	+4.8	N	2	0	18.5	-0.5	-4.4	27	-5	16	-2	76	+8	0	28	25	2
	TOR	1014.7	-0.1	+3.9	NW	5	0	22.5	-3.1	-2.5	29	-2	20	0	63	-7	0	11	14	5
	HURGHADA	1015.6	+0.5	—	NNW	5	0	24.0	-1.2	—	28	—	18	—	54		0	0		3
	QOSSEIR	1015.1	—	—	N	6	0	25.4	—	—	28	—	21	—	47		0	15		6
UPPER EGYPT	GERGA	1019.8	+1.1	+6.7	N	1	0	19.5	-1.1	-5.1	28	-5	14	-2	59	+12	0	17		
	MINYA	1019.6	+0.9	—	NNE	3	0	20.2	+0.2	-3.8	29	-5	13	-3	59	+4				
	ASYUT	1019.0	+0.8	+6.7	W	2	0	20.2	-2.2	-5.0	29	-6	15	-4	53	+13	0	7		
	QENA	1016.6	+0.4	—	W	2	0	24.2	-0.3	-4.3	32	-7	17	-3	32	-6				
	KHARGA	1017.9	+1.2	—	N	2	0	23.6	-2.4	—	32	—	17	—	32		0	1		
	ASWAN	1016.4	+0.8	+5.5	N	2	0	24.7	+0.7	-4.9	34	-6	20	-2	30	+1	—	—	—	
SUDAN	WADI HALFA	1015.6	+1.4	+5.1	NNE	1	1	24.6	-1.4	-3.9	34	-5	20	-1	28	+6				
	MEROWE	1013.0	+3.4	+3.9	NE	3	0	30.0	-2.0	-2.9	42	0	23	-1	13	-4	0	0	2	
	ATBARA	1009.3	+0.7	+1.4	N	3	0	32.0	+3.0	-1.0	42	0	27	+3	33	+19	0	0	5	
	KHARTOUM	1010.7	+2.3	+2.7	N	3	0	30.5	-1.7	-1.1	42	+1	26	+1	10	-15	0	3	6	
	PORT SUDAN	1012.4	+0.2	+3.1	NE	2	0	29.9	-1.2	-2.1	36	+1	24	0	46	+2	0	29	108	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.3	+2.6	+0.2	—	0	3	29.0	-0.5	+0.6	39	0	27	+4	58	+11	0	62	83	
EQUATORIAL PROVINCES	EL FASHER			—																
	EL OBEID																			
	MALAKAL																			
	WAU	1011.2	+0.6	+1.6	SW	3	1	24.9	-1.1	-0.7	31	-4	22	+1	82	+8	6	183	307	
	JUBA			—						—		—		—		—				

Upper Air Observations at Helwan at 8 30

Height (metres)	Km. per hour	Direction
500	10	N
1000	10	N
1500	20	NNW
2000	30	NNW
3000	25	N

General Situation

There is little change in the distribution of pressure. A high pressure centred over Benghazi extends across Egypt to the depression over the Persian Gulf. Pressure over the western Mediterranean is falling.

الحالة العمومية

لم يتغير توزيع الضغط الا قليلا وتوجد منطقة ارتفاع على بنغازى تمتد على مصر الى الانخفاض الواقع على خليج فارس والضغط على غرب البحر الابيض المتوسط آخذ فى الهبوط.

Forecast for 24 hours from noon to-day.

Light to moderate winds between west and north.
Occasional medium cloud.
Slightly warmer tomorrow, but temperature remaining below normal.

التوقعات للعشرين ساعة من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة بين غربية وشمالية - يظهر بعض السحاب المتوسط احيانا - يدفأ الطقس قليلا ولكن درجة الحرارة تظل دون المعدل.

STATION	Humidity Mean of Day: Yester day	Humidity Mean of Day: Diff. from normal	Air Bulb Temperature Mean of Day: Yester day	Air Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	69	-1	16.0	-1.3
Ezbekiya	57	+4	16.2	-2.9
Giza	61	+14	15.7	—
Helwan	51	+12	14.5	-1.0

NOTE. A dash means that figures are not available.

Terms of Subscription By inland Post, P.T.100 annually
" " Abroad P.T.150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
15.5	659	950
14.5	658	951

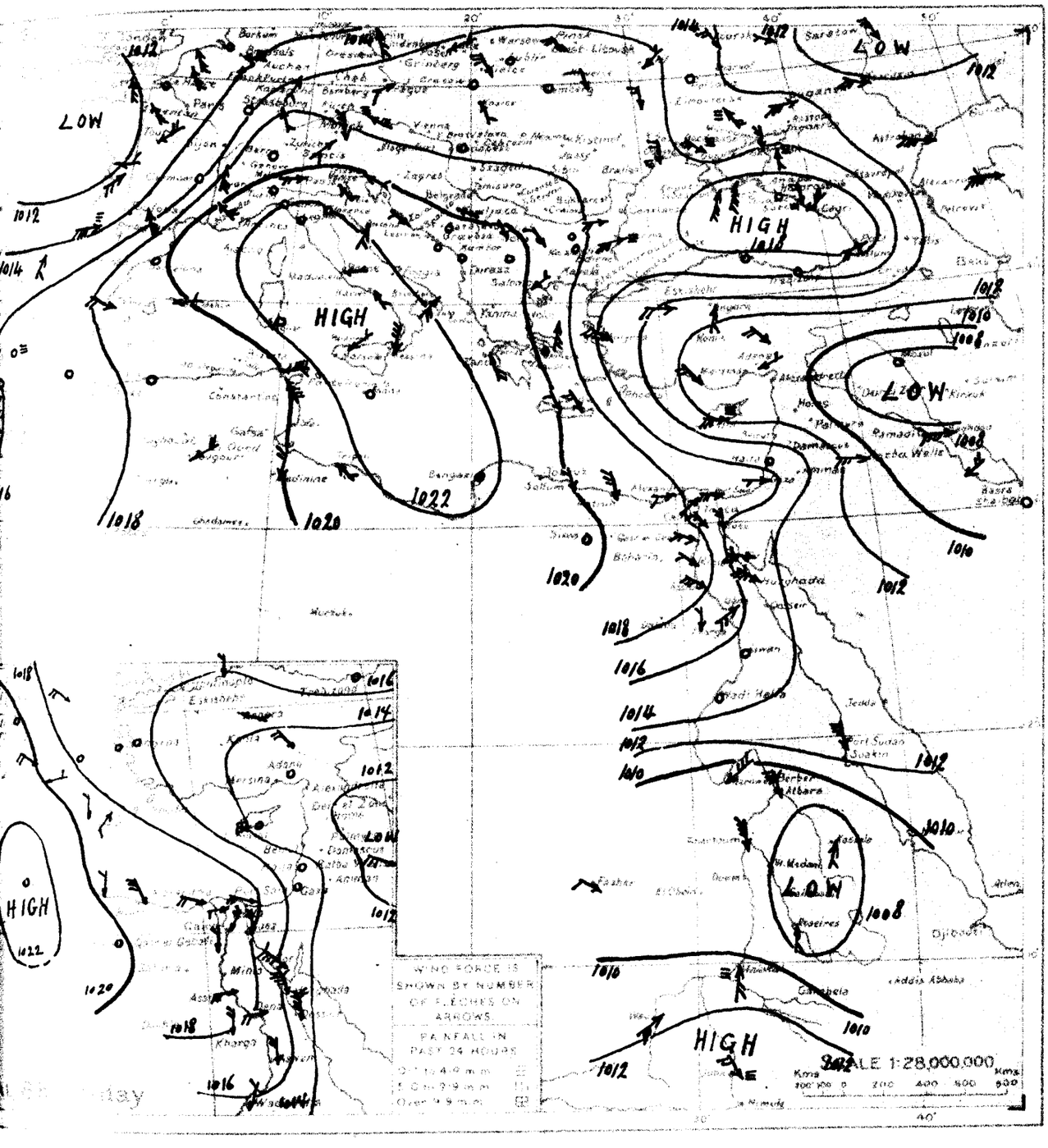
GAUGE	Date	Reading	Diff. from normal	Rise	Diff. from normal
	1931	m	m		
Juba	15.5	13.51	-0.03	13.60	+0.06
Nasser	14.5	5.12	-1.20	5.15	-1.13
Malakal	15.5	9.73	-0.45	9.71	-0.46
Roseires	15.5	11.20	-0.60	11.37	-0.40
Sennar Res.	15.5	5.27	—	5.18	—
Makwar	15.5	4.21	-1.16	4.18	-1.16
Khartoum	16.5	9.65	-0.49	9.63	-0.50
Kh. el Girba					
Atbara	15.5	9.69	-0.25	9.68	-0.26
Wadi Halfa	15.5	0.96	-0.25	0.96	-0.25
Aswan Res.	15.5	107.88	—	107.95	—
" D.S.	15.5	85.11	-0.39	85.11	-0.39
El Leithi	16.5	16.72	-0.13	16.72	-0.13
Roda (Cairo)	16.5	15.75	+0.35	15.75	+0.35

PRINTED AT THE SURVEY OF EGYPT 1926(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٥-١٠ Barometer and Wind at 8 a.m. Yesterday 15.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٥-١٠ From Observations taken at 8 h. yesterday. 15.5.31.

BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h.	Change past 24 hours	Diff from normal	Maximum	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct. 1st	Normal to Oct. 1st yesterday	
m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
1022.7	-0.8	+8.3	E	1	0	17	0	—	24	—	14	—	70	—	—	—	630	—
1022.5	-0.6	+7.0	—	0	0	18	0	—	22	0	13	-2	50	—	0	366	420	0
1019.5	-1.7	+5.7	—	0	0	17	+1	—	—	—	12	-3	40	—	—	—	335	—
1019.8	-0.8	+5.9	NW	2	1	19	+2	—	20	-4	13	-3	—	—	0	516	446	4
1012.0	-1.9	-0.7	WNW	3	2	20	-1		24	-2	14	0	—	—	3	376	449	4

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 00

" " sunset 18 42

From Observations taken at 8h. to-day.

Sunday 17th May, 1931 ١٩٣١ الأحد ١٧ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from 1st Oct. to yesterday	Rainfall: Normal from 1st Oct. to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1020.6	+0.7	+6.3	NW	1	0	18.1	-1.2	-3.9	22	—	12	—	77	+13	0	57	100	2
	MATRUH	1020.6	+1.1	+6.8	NW	2	0	18.4	-0.2	+2.6	20	-5	13	-3	55	-18	0	177	158	3
	ALEXANDRIA	1019.5	+0.7	+5.7	W	1	0	20.7	+1.8	-1.2	23	-3	17	-1	78	+7	0	96	190	1
	PORT SAID	1018.2	-0.2	+6.0	NW	1	2	22.0	+1.0	-1.5	25	-1	17	-1	71	+3	0	62	80	2
	GAZA																			
	HAIFA	1016.2	+0.8	+5.5	—	0	0	24.5	+0.9	+0.2	27	-1	18	+1	64	+2	0	665	643	1
LOWER EGYPT	TANTA	1019.1	+1.3	—	WSW	1	0	21.0	+1.3	—	28	—	13	—	70	—	0	35		—
	EZBEKIYA	1018.7	-0.5	+5.9	N	1	3	20.0	+1.2	-3.0	27	-5	16	-1	72	+11	0	17	32	—
	GIZA	1019.1	-0.3	+5.6	N	1	3	19.8	+1.1	—	27	-6	14	-1	74	—	0	21	30	—
	HELWAN	1018.8	-0.6	+5.7	N	2	0	18.5	+1.0	-4.4	26	-6	14	-3	70	+20	0	19	35	—
	SIWA	1019.8	-0.6	+6.0	—	0	0	20.2	+1.2	-2.8	—	—	15	-1	54	0	0	38	7	—
RED SEA	SUEZ	1017.2	-0.3	+4.5	N	3	0	19.0	+0.5	-4.0	27	-5	15	-3	83	+15	0	28	26	3
	TOR	1013.8	—	—	NW	5	0	22.6	+0.1	-2.4	26	-5	20	0	62	-8	0	11	14	6
	HURGHADA	1016.2	+0.6	—	NNW	5	0	23.4	-0.6	—	28	—	18	—	53	—	0	0		3
	QOSSEIR	1014.4	—	—	N	7	0	25.0	-0.4	—	27	—	20	—	37	—	0	15	—	7
UPPER EGYPT	GEBALI	1019.5	-0.3	+6.4	NW	2	0	20.4	+0.9	-4.3	28	-6	15	-1	67	+20	0	17		
	MINYA	1019.5	-0.1	—	NNW	2	0	18.7	-1.5	-5.4	28	-6	14	-2	65	+10				
	ASYUT	1018.6	-0.4	+6.3	WNW	3	0	20.3	+0.1	-5.1	28	-7	15	-4	56	+16	0	7		
	SOHAG	1015.8	-0.8	—	WNW	3	0	23.9	-0.3	-4.7	34	-5	17	-3	31	-7				
	KHARGA	1017.4	-0.5	—	N	2	0	23.5	-0.1	—	30	—	16	—	35	—	0	1		
	ASWAN	1015.4	-1.0	+4.5	N	2	0	23.0	-1.7	-6.7	33	-7	17	-5	24	-5				
NUBIA	WAD HALFA	1016.2	+0.6	+5.7	N	1	0	22.4	-2.2	-6.2	33	-6	17	-4	19	-3				
	MEROWE																			
	ABBARA	1009.4	+0.1	+1.9	N	4	0	29.0	-3.0	-4.1	41	-1	26	+2	40	+26	0	0	6	
	KHARTOUM	1011.0	+0.3	+3.0	N	3	0	28.9	-1.6	-2.7	40	-1	25	0	10	-16	0	3	7	
	FORT SUDAN	1013.5	+1.1	+4.3	NE	2	0	31.0	+1.1	-1.0	32	-3	23	-1	13	-30	0	29	109	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1007.8	-1.5	-1.4	NW	1	2	31.0	+2.0	+2.7	36	-2	26	+3	48	0	0	62	85	
	EL FASHER																			
	EL OBEID	1010.8	+1.3	+1.2	NE	3	1	29.7	-1.3	+0.1	39	0	20	-2	11	-33	0	18	28	
	MALAKAL																			
	AWEIL																			
	JUBBA																			

Upper Wind Observations at Helwan at 8 30

Height in Metres	Speed per Hour	Direction
500	5	NNE
1000	35	N
1500	30	N
2000	30	N
3000	30	NNW

General Situation

The pressure over Egypt is rising owing to the high slowly moving east, but to the west of Egypt the pressure is falling rapidly. A deep depression extends oder France, and a shallow depression is centred near Tunis.

الحالة العامة

يرتفع الضغط فوق مصر وذلك لأن الارتفاع يتحرك شرقا ببطء ولكن الضغط آخذ في الهبوط بسرعة في غرب مصر وهناك انخفاض عميق الغور فوق فرنسا وآخر ضحل الغور مركزه فوق تونس.

Forecast for 24 hours from noon to-day.

Light to moderate northerly winds, veering tomorrow to northeast inland, and to east or southeast on the coast in the west. Clear or occasional high cloud. Warmer tomorrow.

توقعات لمدة ٢٤ ساعة من ظهر اليوم الظهر

رياح شمالية بين الخفيفة والمعتدلة تتحول الى شمالية شرقية باكر في الداخل والى شرقية وجنوبية شرقية على الساحل في الجهة الغربية من السماء صحو أو يظهر بعض السحاب العالي أحيانا - ترتفع درجة الحرارة باكر.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Net Solar Temperature Mean of Day: Yesterday	Net Solar Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	81	+11	17.1	-0.3
Ezbekiya	54	+1	15.4	-3.8
Giza	60	+13	15.7	—
Helwan	47	+12	14.0	-1.6

NOTE A dash means that figures are not available

Remarks

Discharges at Aswan measured by sluices in m3 per sec

DATE	1931	1930
17.5	658	950
16.5	659	950

GAUGE	Date	Reading	Diff. from normal	Rise	Discharge
	1931	m	m	m	m3
Juba	16.5	13.56	+0.01	13.51	-0.03
Nasser	16.5	5.32	-1.06	5.20	-1.15
Malakal	17.5	9.77	-0.45	9.76	-0.44
Roseires	16.5	11.15	-0.69	11.20	-0.66
Sennar Res.	16.5	5.51	—	5.27	—
Makwar	16.5	4.28	-1.12	4.21	-1.16
Khartoum	17.5	9.64	-0.51	9.65	-0.49
Kh. el Girba					
Atbara	17.5	9.69	-0.26	9.71	-0.23
Wadi Halfa	17.5	0.94	-0.28	0.96	-0.25
Aswan Res.	17.5	107.75	—	107.80	—
" D.S.	17.5	85.11	-0.41	85.11	-0.40
El Leithi	17.5	16.72	-0.13	16.72	-0.13
Roda (Cairo)	17.5	15.77	+0.37	15.75	+0.35

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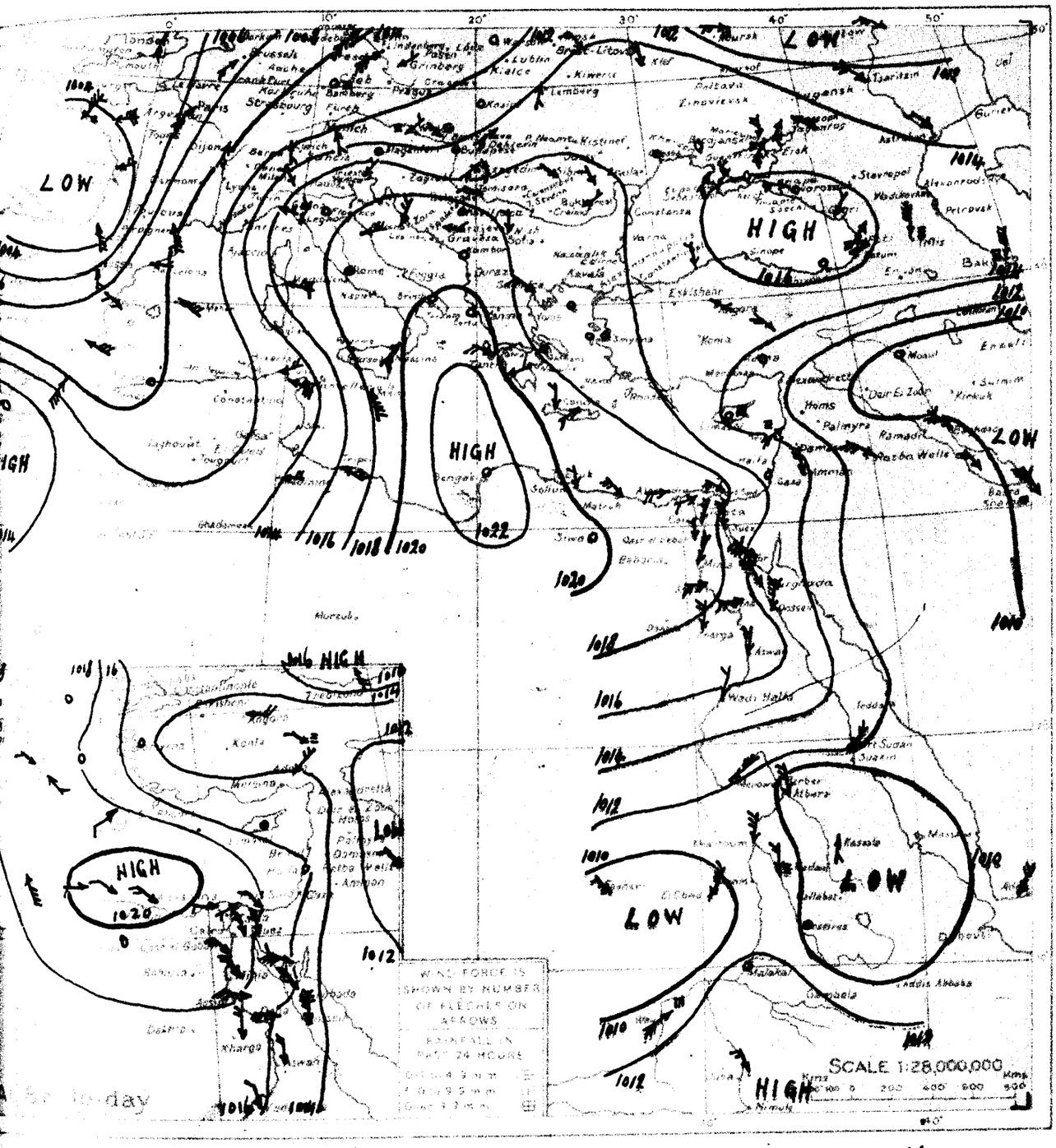
PHYSICAL DEPARTMENT.

REPORT.

٢١-٥-١٦ Barometer and Wind at 8 h. Yesterday 16.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٥-١٦ From Observations taken at 8 h. yesterday. 16.5.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	P.C.		mm	mm	mm	
[illegible]	1019.6	-3.1	+5.2	—	0	0	19	+2	—	25	—	12	—	60	—	—	—	632	—
[illegible]	1019.1	-3.4	+3.6	SSE	4	0	18	0	—	23	0	16	+1	70	—	•	366	420	2
[illegible]	1017.6	-1.9	+3.8	—	0	0	21	+4	—	—	—	16	+1	50	—	—	—	336	—
[illegible]	1018.7	-1.1	+4.8	SW	1	0	23	+4	—	18	-6	13	-3	—	—	•	516	447	1
[illegible]	1013.6	+1.6	+1.0	—	0	0	21	+1	—	24	-3	11	-3	—	—	13	389	450	2
Kassala	1009.0	+2.8	+1.1	S	1	3	28.5	-6.0	-3.8	43	+2	26	+1	64	+26	0	2	19	—
Wad Medani	1010.7	+1.1	+2.9	N	2	0	32.5	+2.0	+1.3	44	+2	26	+2	39	+13	3	11	21	—
El Fasher	1009.5	+0.4	—	NW	1	0	30.0	0.0	+2.3	38	0	21	+1	16	-14	0	1	12	—
El Obeid	1009.5	+4.1	-0.1	NE	4	0	31.0	-1.9	+1.4	41	+2	26	+4	23	-20	•	18	28	—
Juba	1012.7	-0.6	—	NNW	2	2	26.8	+1.3	—	32	—	22	—	78	—	•	381	547	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 59

" " sunset 18 43

From Observations taken at 8h. to-day.

Monday 18th May, 1931 ١٩٣١ الاثنين ١٨ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.1	−1.5	+4.8	SW	1	1	22.1	+4.0	0.0	25	—	15	—	48	−16	0	57	100	1
	MATRUH	1019.5	−1.1	+5.7	—	0	0	20.2	+1.8	−0.9	21	−5	11	−5	42	−31	0	177	158	0
	ALEXANDRIA	1019.1	−0.4	+5.3	WNW	1	0	20.9	+0.2	−1.1	24	−3	17	−1	82	+11	0	96	190	1
	PORT SAID	1018.6	+0.4	+6.4	N	1	2	21.1	−0.9	−2.5	26	0	18	0	74	+6	0	62	80	1
	GAZA	—	—	—	—	0	0	20.9	−0.8	−3.0	26	−1	13	−2	67	+4	0	250	375	—
	HAIFA	1016.6	+0.4	+6.0	—	0	0	23.3	−1.2	−1.1	27	−1	18	+1	61	−1	0	665	643	0
LOWER EGYPT	TANTA	1019.4	+0.3	—	NW	1	0	21.5	+0.5	—	29	—	15	—	77	—	0	35	—	—
	CAIRO EZBEKIYA	1018.3	−0.4	+5.5	WNW	1	3	20.0	0.0	−3.1	30	−2	16	−1	72	+11	0	17	32	—
	CAIRO GIZA	1019.5	+0.4	+6.0	NNE	2	3	20.0	+0.2	—	29	−4	15	0	78	—	0	21	30	—
	CAIRO HELWAN	1019.1	+0.3	+6.0	N	2	0	19.5	+1.0	−3.5	28	−4	15	−3	70	+20	0	19	35	—
	SIWA	1019.1	−0.7	+5.3	—	0	0	14.0	—	—	—	—	14	−2	24	—	0	38	7	—
RED SEA	SUEZ	1017.6	+0.4	+5.1	N	3	2	20.0	+1.0	−3.1	28	−4	17	−2	81	+13	0	28	26	2
	TOR	1014.4	—	+3.7	NW	3	1	24.7	+2.1	−0.4	28	−3	20	0	56	−14	0	11	14	3
	HURGHADA	1015.6	−0.6	—	NNW	4	1	23.8	+0.4	—	29	—	18	—	54		0	0		2
	QOSSEIR	1014.8	—	—	N	7	0	25.5	+0.5	—	28	—	22	—	44		0	15		7
UPPER EGYPT	GEBEL	1019.2	−0.3	+6.1	NW	2	0	21.0	+0.6	−3.8	30	−4	15	−1	65	+18	0	17		
	MINYA	1018.0	−1.5		NNE	2	0	21.2	+2.5	−3.0	28	−6	14	−2	64	+9				
	ASSIUT	1017.9	−0.7	+5.7	NNW	3	2	22.2	+1.9	−3.3	29	−6	18	−1	46	+6	0	7		
	QENA	1015.8	0.0	—	W	1	3	23.8	−0.1	−4.9	34	−5	17	−3	38	0				
	KHARGA	1017.5	+0.1		NNE	1	1	23.8	+0.3	—	31	—	19	—	43		0	1		
	ASWAN	1015.6	+0.2	+4.7	N	2	0	25.0	+2.0	−4.8	33	−7	18	−4	20	−9	—	—		
[illegible]	[illegible]	1015.6	−0.6	+5.2	NNE	1	[illegible]	22.6	+0.2	−6.1	32	−8	19	−2	26	+4				
	[illegible]	1013.4	−0.4	−4.4	NE	3	0	27.5	+0.5	−5.6	36	−6	20	−4	6	—	0	0	3	
	[illegible]	1008.4	−1.0	+0.5	N	3	0	29.0	0.0	−4.1	40	−2	24	0	46	+32	0	0	6	
	[illegible]	1010.8	−0.2	+2.8	N	2	0	28.5	−0.4	−3.1	38	−3	25	0	7	—	0	3	7	
[illegible]	[illegible]	1012.7	−0.8	+3.5	N	3	0	29.2	−1.8	−3.0	32	−3	21	−3	36	−7	0	29	109	3
	[illegible]	1006.3	+0.4	−1.7	—	0	0	34.0	+1.0	+1.8	41	0	24	−1	36	−2	0	2	20	
	[illegible]	1008.2	−3.0	+0.3	N	3	0	31.4	+0.4	+0.2	42	0	23	−1	10	−18	0	11	22	
	[illegible]	1008.6	+0.8	−0.6	—	0	0	31.0	0.0	+2.8	40	+2	25	+2	37	−11	0	62	87	
[illegible]	EL KASHER	1010.3	−0.5	+0.7	NE	2	1	29.0	−0.7	−0.5	38	−1	21	−1	16	−29	0	18	29	
	EL ARISH	1012.3	+0.7	+1.8	SE	1	2	28.6	+0.9	+1.5	39	+3	25	+2	61	−6	0	144	168	
	[illegible]																			
	[illegible]																			

Upper Wind Observations at noon at 9 30

Height (metres)	Speed in knots	Direction
500	10	NNE
1000	40	NNE
1500	25	NE
2000	25	NE
3000	15	NE

General Situation

The high pressure system over Egypt is maintained. The depression over Tunis is slowly moving eastwards and is now centred near Malta.

لا تزال منطقة الضغط المرتفع على مصر محافظة لكيانها والمنخفض لتونس يسير ببطء جهة الشرق ويقع المركز بالقرب من مالطا.

Forecast for 24 hours from noon to-day.

Light southeasterly winds on the coast; moderate northeasterly winds inland. Some high cloud. Warmer.

رياح جنوبية شرقية على الساحل ومعتدلة شمالية شرقية في الداخل - يظهر بعض السحاب المرتفع وتزداد حرارة الجو.

STATION	Humidity Mean of Day Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	81	+11	18.5	+1.0
Ezbekiya	57	+4	17.1	−2.2
Giza	61	+14	17.4	—
Helwan	49	+10	15.9	+0.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
18.5	659	949
17.5	658	950

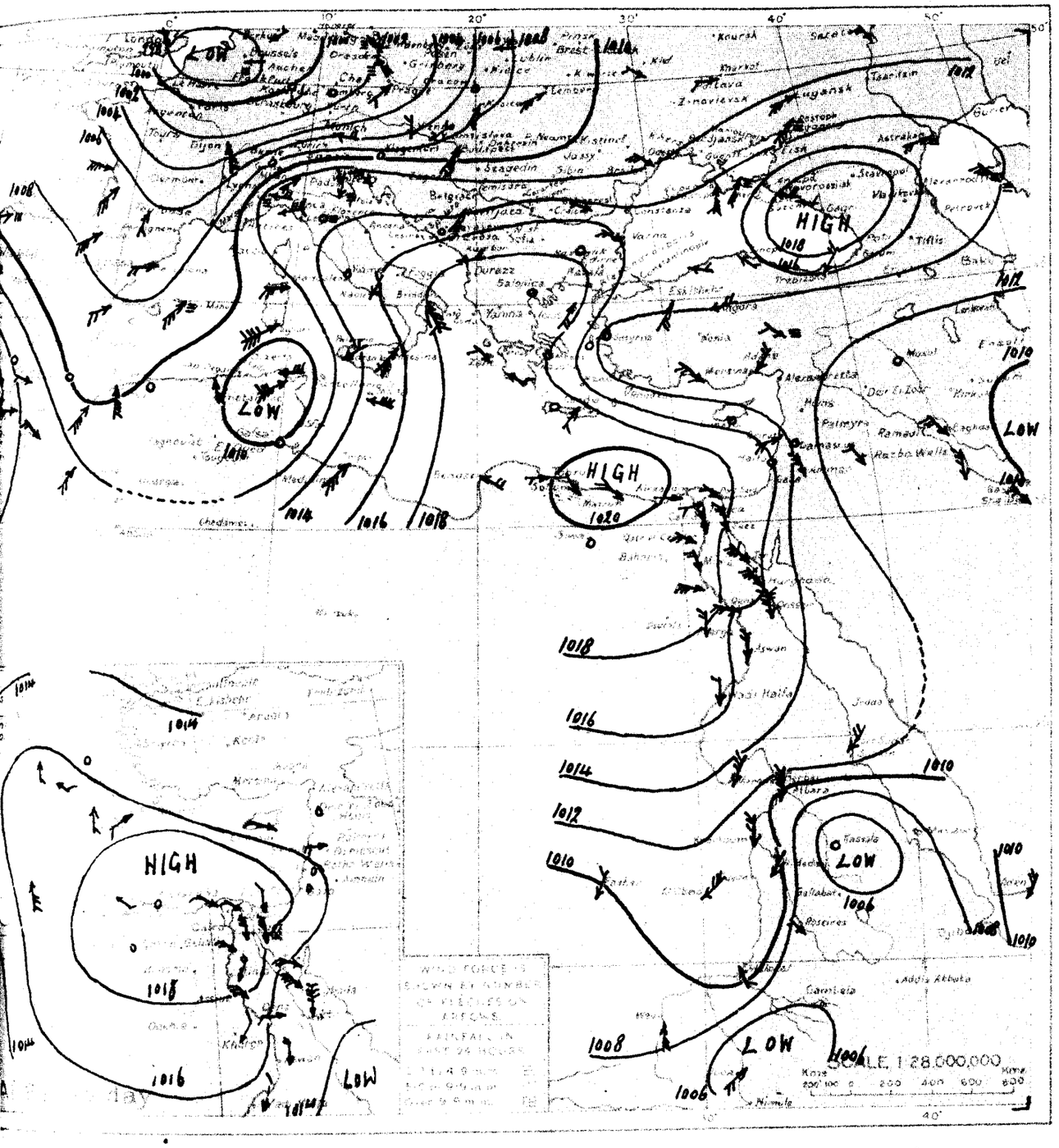
GAUGE	Date	Reading	Diff. from normal	[illegible]	[illegible]
	1931	m	m		
Juba	17.5	13.51	−0.04	13.56	+0.01
Nassar	17.5	5.38	−1.03	5.32	−1.06
Malakal	17.5	9.77	−0.45	9.76	−0.44
Roseires	18.5	11.16	−0.76	11.14	−0.74
Sennar Res.	17.5	6.04	—	5.51	—
Makwar	17.5	4.45	−0.99	4.28	−1.12
Khartoum	17.5	9.64	−0.51	9.65	−0.49
Kh. el Girba					
Atbara	17.5	9.69	−0.26	9.71	−0.23
Wadi Halfa	18.5	0.90	−0.32	0.94	−0.28
Aswan Res.	18.5	107.67	—	107.75	—
" D.S.	18.5	85.11	−0.42	85.11	−0.41
El Lessi	18.5	16.72	−0.13	16.72	−0.13
Roda (Cairo)	17.5	15.77	+0.37	15.75	+0.35

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٧-٥-٣١ Barometer and Wind at 8 h. Yesterday 17.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٧-٥-٣١ From Observations taken at 8 h. yesterday. 17.5.31.

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
	1014.7	+4.9	+0.3	—	0	4	20	+1	—	26	—	12	—	60	—	—	—	634	—
	1015.2	-3.9	-0.3	ESE	4	2	19	+1	—	21	-1	16	+1	70	—	0	366	420	2
	1017.9	+0.3	+4.1	—	0	0	21	0	—	—	—	—	—	50	—	—	—	337	—
[illegible]	1018.4	-0.3	+4.5	SW	1	0	24	+1	—	27	+3	15	-1	—	—	0	516	448	2
[illegible]	1014.4	+0.8	+1.8	—	0	0	21	0		24	-3	10	-4	—	—	0	389	450	1
Merowe مروي	1013.8	+0.8	+4.8	NE	3	0	27.0	-3.0	-6.0	40	-2	21	-3	13	-4	0	0	3	—
Kassala كسلا	1005.9	-3.1	-2.0	—	0	0	33.0	+4.5	+0.8	40	-1	25	0	37	-1	0	2	19	—
Wad Medani	1011.2	+0.5	+3.4	NNE	3	0	31.0	-1.5	-0.2	41	-1	25	+1	13	-14	0	11	21	—
El Fasher الفاشر	1008.7	-0.8	—	NNE	1	0	28.5	-1.5	+0.8	40	+2	22	+2	26	-4	0	1	12	—
Malakal ملاكال	1011.6	-0.6	+1.2	SSE	1	2	27.7	+3.4	+0.6	35	-1	24	+1	67	+1	0	144	165	—
Wau واو	1008.8	-2.4	-0.8	S	3	0	28.9	+4.0	+3.3	36	+1	24	+3	62	-12	0	183	312	—
Juba جوبا	1004.6	-8.1	—	SW	2	3	27.3	+0.5	—	34	—	23	—	72	—	0	381	351	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 4 59

" " sunset 18 44

From Observations taken at 8h. to-day.

Tuesday 19th May, 1931 ١٩٣١ الثلاثاء ١٩ مايو

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct. last	Rainfall Normal since 1st Oct. last	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.7	-4.4	+0.4	WNW	2	3	24.1	+2.0	+1.9	27	—	18	—	44	-20	0	57	100	3
	MATROUH	1015.5	-4.0	+1.7	ESE	1	0	23.4	+3.2	+2.2	26	0	13	-3	31	-42	0	177	158	0
	ALEXANDRIA	1016.3	-2.8	+2.6	NNW	1	1	21.8	+0.9	-0.3	24	-3	17	-1	73	+2	0	96	190	1
	PORT SAID	1015.5	-3.1	+3.4	E	2	0	22.9	+1.8	-0.8	25	-1	19	0	73	+5	0	62	80	1
	GAZA	—	—	—	—	0	0	21.3	+0.4	-2.7	25	-2	14	-1	74	+11	0	250	375	
	JAFFA	1013.9	-2.7	+3.3	—	0	0	23.8	+0.5	-0.7	27	-1	18	+1	63	+1	0	665	643	1
MIDDLE EGYPT	TANTA	1015.8	-3.6	—	N	1	0	21.9	+0.4	—	32	—	15	—	69	—	0	35		
	ZAGAZIG	1015.1	-3.2	+2.3	NNW	2	0	22.4	+2.4	-0.8	31	-1	17	0	63	+2	0	17	32	
	BENIZEF	1015.1	-4.4	+1.7	NNW	2	0	21.2	+1.2	—	30	-3	18	-2	80	—	0	21	30	
	ASYUT	1014.6	-4.5	+1.6	NW	2	0	21.8	+2.3	-1.3	30	-2	17	-1	63	+3	0	19	35	
	SIWA	1014.7	-4.4	+1.0	—	0	0	22.0	—	-1.3	—	—	15	-1	35	-19	0	38	7	
UPPER EGYPT	SUEZ	1013.5	-4.1	+1.0	N	3	0	22.8	+2.8	-0.4	30	-2	18	-1	52	-16	0	28	26	2
	KOSEIR	1011.4	-3.0	+0.8	NW	2	0	24.1	-0.6	-1.0	27	-4	17	-3	60	-10	0	11	14	3
	HURGHADA	1011.5	-4.1	—	NNW	4	0	25.5	+1.7	—	28		17		47		0	0		2
	QUSEIR	1012.2	-2.6	—	N	6	0	27.2	+1.7	—	29	—	22	—	43		0	15		7
	ASWAN	1015.6	-3.6	+2.6	NW	2	0	23.4	+2.4	-1.6	32	-2	15	-1	45	-2	0	17		
	WADI HALFA	1013.5	-4.5	—	NNW	2	0	22.7	+1.5	-1.6	30	-4	14	-2	57	+2				
	KHARTOUM	1014.2	-3.7	+2.1	WNW	2	0	23.6	+1.4	-2.0	32	-3	18	-1	40	0	0	7		
	GEDAREF	1012.3	-3.5	—	W	2	0	24.7	+0.9	-4.2	36	-3	18	-2	34	-4				
	KASSALA	1014.3	-3.2	—	NE	1	0	25.9	+2.1	—	33		19		40		0	1		
	SENNAR	1011.4	-4.2	+0.6	N	2	0	25.0	0.0	-4.9	35	-5	19	-3	23	-6				
	KOSTI	1011.9	-3.7	+1.5	NNE	1	0	25.4	+2.8	-3.4	35	-5	20	-1	28	+6				
	FASHER	1010.2	-3.2	+1.2	NE	2	0	29.0	+1.5	-4.1	38	-4	20	-4	12	-5	0	0	3	
	EL OBEID	1008.2	-0.2	+0.3	NE	2	0	29.0	0.0	-4.2	33	-4	22	-3	52	+38	0	0	6	
	KORDOFAN	1009.5	-1.3	+1.5	NNE	2	0	27.8	-0.7	-3.8	39	-2	23	-2	10	-17	0	3	7	
	FAZUGLI	1010.0	-2.7	+0.9	N	1	0	30.0	+0.8	-2.3	33	-2	21	-3	33	-10	0	29	109	2
	KHARTOUM	1005.0	-1.3	-3.0	S	1	0	33.5	-0.5	+1.3	42	+1	26	+1	40	+1	0	2	20	
	KASSALA	1009.8	+1.6	+1.9	N	3	0	32.5	+1.1	+1.3	42	0	26	+2	12	-16	0	11	22	
	SENNAR	1006.4	-2.2	-2.9	—	0	1	31.5	+0.5	+3.4	41	+3	25	+2	51	+2	0	62	88	
	ROSEIRES	1008.8	-2.4		WSW	1	0	25.5	-1.5	-2.2	40	+2	19	-1	12	-19	0	1	13	
	EL FASHER	1009.3	-1.0	-0.3	NE	2	1	28.5	-0.5	-1.0	38	-1	20	-2	8	-37	0	18	29	
	EL OBEID	1011.0	-1.3	+0.5	W	1	3	27.0	-1.6	-0.1	35	-1	23	0	61	-6	0	144	171	
	KORDOFAN	1008.8	+0.2	-0.9	SSW	2	0	26.0	-3.3	+0.5	39	+4	22	+1	73	-1	8	191	321	
	FAZUGLI	1010.6	-0.4		NW	2	1	27.1	-0.5		32		22		80		1	382	358	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Maximum Yesterday	Diff. from normal	Minimum Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	84	+14	19.1	+1.5
Ezbekiya	59	+6	18.1	-1.3
Giza	65	+18	18.7	—
Helwan	50	+11	16.7	+1.0

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices in m.3 per sec.		
DATE	9 AT	12 M.
19.5	657	952
18.5	659	949

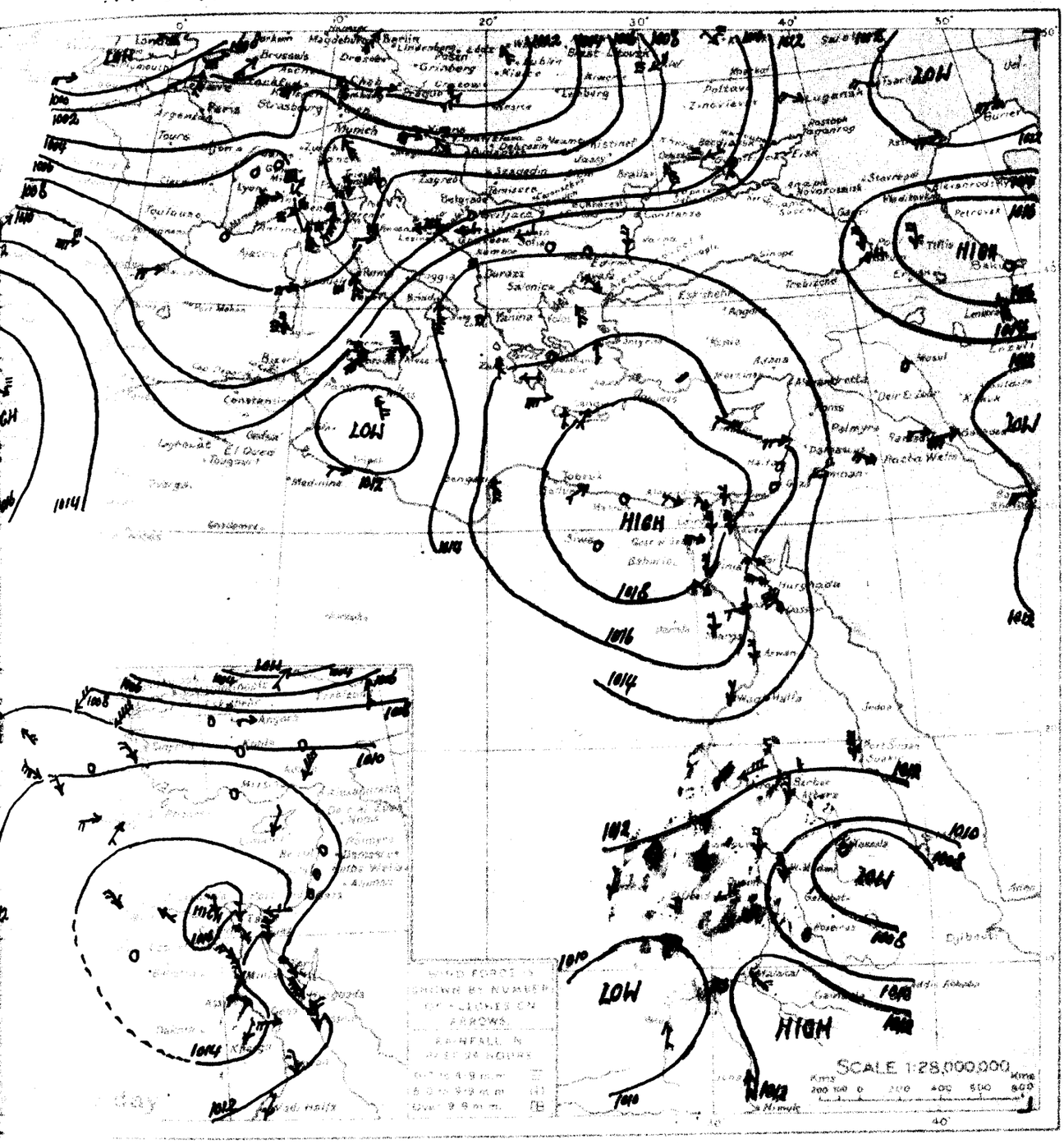
Station	Date	Reading	Diff. from normal	Discharge	Diff. from normal
		m	m	m.3	m.3
Juba	19.5	13.53	-0.02	13.50	-0.05
Nasser	19.5	5.34	-1.14	5.36	-1.08
Malakal	17.5	9.77	-0.45	9.76	-0.44
Roseires	19.5	11.18	-0.78	11.16	-0.76
Sennar Res.	19.5	6.14	—	6.18	—
Makwar	19.5	4.46	-1.04	4.50	-0.97
Khartoum	17.5	9.64	-0.51	9.65	-0.49
Kn. el Girba					
Atbara	17.5	9.69	-0.26	9.71	-0.23
Wadi Halfa	18.5	0.90	-0.32	0.94	-0.28
Aswan Res.	19.5	107.62	—	107.67	—
" D.S.	19.5	85.10	-0.44	85.11	-0.42
El Lettin	19.5	16.72	-0.13	16.72	-0.12
Roda (Cairo)	17.5	15.77	+0.37	15.75	+0.35

PRINTED AT THE SURVEY OF EGYPT 1930(29/4/29/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٥-١٨ Barometer and Wind at 8 h. Yesterday 18.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٥-١٨ From Observations taken at 8 h. yesterday 18.5.31.

	Barometer: Reduced to Sea Level	Barometer: Change in Last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in Last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]	1008.3	-6.4	-6.1	S	2	5	18	-2	—	28	—	18	—	80	—	9	—	636	—
[illegible]	1011.5	-3.7	-4.1	SSE	2	4	22	+3	—	22	0	18	+2	60	—	0	366	420	1
[illegible]	1015.6	-2.3	+1.8	—	0	0	20	-1	—	—	—	16	0	50	—	—	—	338	—
[illegible]	1018.0	-0.4	+4.1	SW	1	0	20	-4	—	26	+2	15	-1	—	—	0	516	448	1
[illegible]	1015.5	+1.1	+3.1	WNW	1	0	22	+1		26	-1	12	-2	—	—	0	389	451	3
El Fasher الفاشر	1011.2	+2.5	—	NNE	1	0	27.0	-1.5	-0.7	40	+2	20	0	7	-23	0	1	12	—
Wau واو	1008.6	-0.2	-1.1	S	1	1	29.3	+0.4	+3.7	38	+3	26	+5	59	-15	0	183	316	—
Juba جوبا	1011.0	+6.4	—	SE	2	3	27.6	+0.3	—	36	—	24	—	68	—	0	381	354	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise [illegible] 58

" " sunset 18 44

From Observations taken at 8 h. to-day.

Wednesday 20th May, 1931 ١٩٣١ الأربعاء ٢٠ مايو

	STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff. from normal (mb)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea
MEDITERRANEAN	SOLLUM	1014.4	−0.3	+0.1	WSW	2	0	25.7	+1.6	+3.4	29	—	21	—	19	−45	0	57	100	3
	MATRUH	1015.1	−0.4	+1.4	SE	2	0	23.8	+0.4	+2.5	29	+3	16	0	28	−45	0	177	158	1
	ALEXANDRIA	1015.5	−0.8	+1.8	NNE	1	1	22.1	−0.7	−0.1	26	−1	16	−2	59	−12	0	96	190	1
	PORT SAID	1014.6	−0.9	+2.5	NE	2	0	23.0	+0.1	−0.8	26	0	19	0	57	−11	0	62	80	1
	GAZA	—	—	—	N	1	1	22.9	+1.6	−1.2	26	−1	15	0	69	+6	0	250	375	—
	HAIFA	1012.6	−1.3	+2.1	—	0	0	23.8	0.0	−0.8	27	−1	19	+2	68	+5	0	665	643	1
LOWER EGYPT	TANTA	1015.8	0.0	—	NW	1	0	22.2	+0.3	—	32	—	14	—	59	—	0	35	—	—
	CAIRO: EZBEKIYA	1014.8	−0.3	+2.1	NNE	2	0	22.0	−0.4	−1.4	33	+1	16	−1	67	+6	0	17	32	—
	CAIRO: GIZA	1015.0	−0.1	+1.6	NNW	2	0	21.0	−0.2	—	31	−2	13	−2	73	—	0	21	30	—
	CAIRO: HELWAN	1014.3	−0.3	+1.3	ENE	3	0	22.0	+0.2	−1.1	31	−1	17	−1	47	−3	0	19	35	—
	SIWA	1014.0	−0.7	+0.3	—	0	0	25.0	+3.0	+1.6	—	—	17	+1	37	−17	0	38	7	—
RED SEA	SUEZ	1013.0	−0.5	+0.5	N	3	0	21.8	−1.0	−1.5	30	−2	18	−1	59	−9	0	28	26	3
	TOR	1009.4	−2.0	−1.1	NW	5	0	23.1	−1.0	−1.5	29	−2	21	+1	66	−4	0	11	14	5
	HURGHADA	1009.6	−1.9	—	NNW	4	0	26.4	+0.9	—	30	—	20	—	43	—	0	0	—	2
	QOSSEIR	1009.3	−2.9	—	N	4	0	26.0	−1.2	—	30	—	22	—	62	—	0	15	—	4
UPPER EGYPT	GEBALI	1015.0	−0.6	+2.0	NW	3	0	23.8	+0.4	−1.3	32	−2	15	−1	43	−4	0	17	—	—
	MINYA	[illegible]	—	—	NNE	2	0	20.5	−2.2	−4.0	32	−2	15	−1	52	−3			—	—
	ASYUT	1013.1	−1.1	+1.0	NNW	3	0	22.8	−0.8	−2.9	33	−2	17	−2	31	−9	0	7	—	—
	QENA	1011.1	−1.2	—	W	2	0	25.2	+0.5	−3.8	38	−1	19	−1	32	−6			—	—
	KHARGA	1012.0	−2.3	—	NNW	2	0	26.3	+0.4	—	34	—	18	—	28		0	1	—	—
	ASWAN	1010.7	−0.7	0.0	—	0	0	27.0	+2.0	−3.0	38	−2	20	−3	31	+2	—	—	—	—
NORTH SUDAN	WADI HALFA	1011.8	−0.1	+1.5	—	0	[illegible]	24.0	−1.4	−4.8	36	−4	18	−3	19	−3	—	—	—	—
	MEROWE	1011.1	+0.9	+2.2	NE	1	0	27.0	−2.0	−6.2	40	−2	19	−5	7	−10	0	0	3	—
	ATBARA	1008.4	+0.2	+0.6	N	2	0	32.0	+3.0	−1.3	38	−4	21	−4	28	+14	0	0	6	—
	KHARTOUM	1010.6	+1.1	+2.6	NE	1	1	29.4	+1.6	−2.3	40	−1	25	0	9	−18	0	3	7	—
EAST SUDAN	PORT SUDAN	1009.6	−0.4	+0.6	NW	1	2	32.5	+2.5	+0.1	34	−1	22	−2	19	−23	0	29	109	1
	KASSALA																			
	WAD MEDANI	1006.8	−3.0	−1.1	N	3	0	33.0	+0.5	+1.8	42	0	22	−2	8	−21	0	11	22	—
	ROSEIRES	1006.2	−0.2	−3.2	—	0	0	33.0	+1.5	+5.0	41	+3	26	+3	50	0	0	62	90	—
SOUTH SUDAN	EL FASHER	1009.0	+0.2	—	W	1	0	26.0	+0.5	−1.8	39	+1	19	−1	13	−18	0	1	13	—
	EL OBEID																			
	MALAKAL	1010.0	−1.0	−0.6	N	1	3	29.1	+2.1	+2.0	38	+3	25	+2	58	−10	0	144	173	—
	WAU																			
	JUBA			—						—		—		—		—				—

Upper Wind Observations at Helwan at 8 15 m. m.

Height (metres)	Kms per hour	Direction
500	20	NNE
1000	35	NE
1500	30	NE
2000	30	NE
3000		

General Situation

A shallow depression now situated between Malta and Crete is approaching and the high pressure over Egypt is slowly weakening.

الحالة الجوية

يوجد انخفاض قليل العمق ما بين مالطا وجزيرة كريت وهو مقبل ومنطقة الضغط المرتفع فوق مصر آخذة في الاضمحلال ببطء.

Forecast for 24 hours from noon to-day.

Inland moderate northeast to east winds; on the coast light to moderate east to south winds. Clear or occasional high cloud. Warmer tomorrow.

[illegible] من ظهر اليوم الى ظهر الغد

في الداخل رياح معتدلة بين شمالية شرقية وشرقية وعلى الساحل رياح بين الخفيفة والمعتدلة بين شرقية وجنوبية. السماء صحو أو بطقس بها بعض السحب العالية أحيانا. وتزداد حرارة الجو غدا.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	74	+4	19.1	+1.4
Ezbekiya	48	−5	17.3	−2.2
Giza	59	+12	18.2	—
Helwan	35	−4	15.5	−0.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
19.5	657	952
18.5	659	949

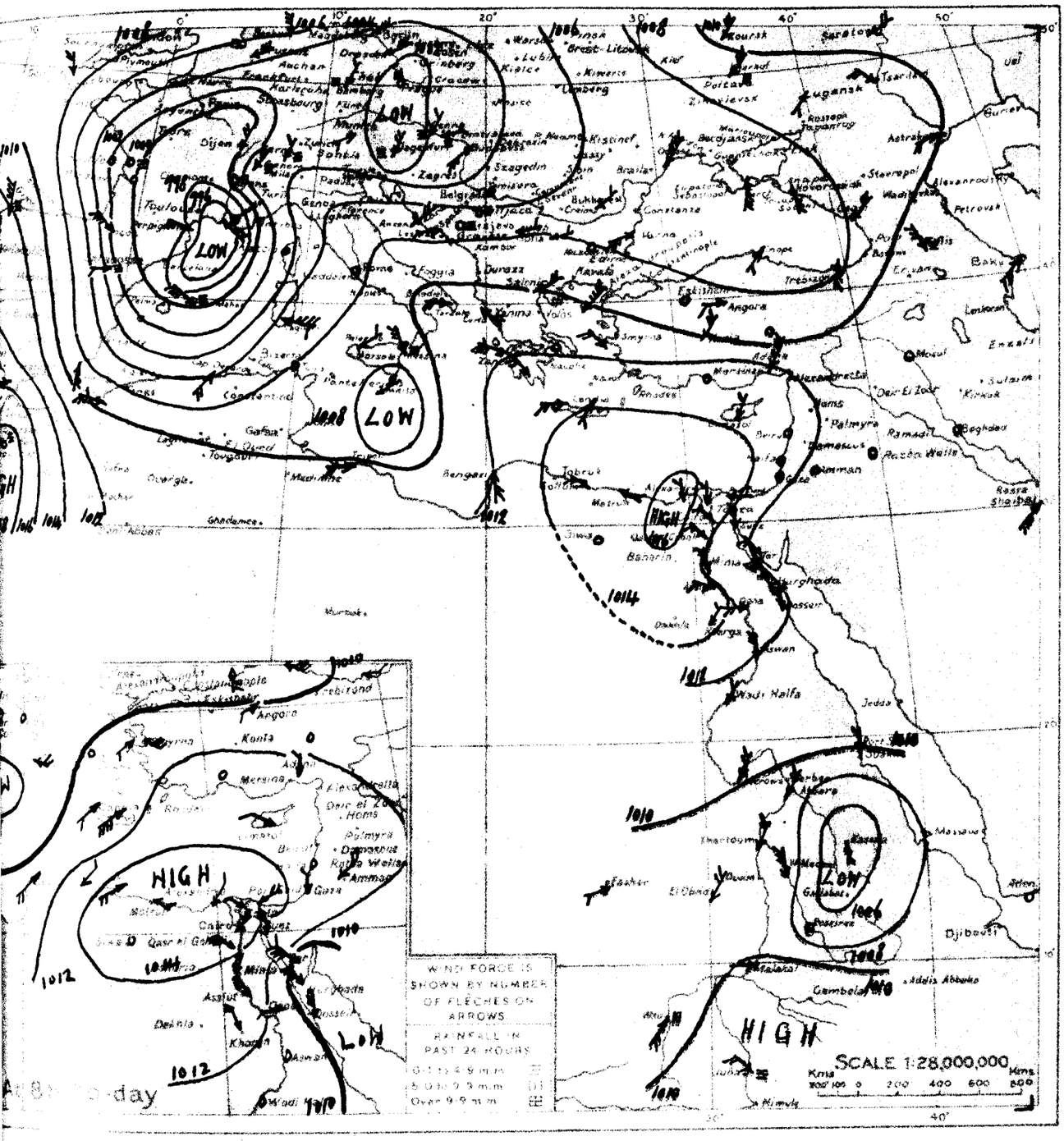
GAUGE	Date 1931	Reading m	Diff. from normal m	Reading m	Diff. from normal m
Juba	19.5	13.53	−0.02	13.50	−0.05
Nasser	19.5	5.34	−1.14	5.36	−1.06
Malakal	19.5	9.80	−0.44	9.78	−0.45
Roseires	20.5	11.14	−0.86	11.18	−0.78
Sennar Res.	19.5	6.14	—	6.18	—
Makwar	19.5	4.46	−1.04	4.50	−0.97
Khartoum	19.5	9.68	−0.49	9.64	−0.52
Kh. el Girba					
Atbara	19.5	9.60	−0.35	9.64	−0.31
Wadi Halfa	20.5	0.88	−0.34	0.88	−0.34
Aswan Res.	19.5	107.62	—	107.67	—
" D.S.	19.5	85.10	−0.44	85.17	−0.42
El Leithi	20.5	16.72	−0.13	16.72	−0.13
Roda (Cairo)	19.5	15.77	+0.37	15.77	+0.37

PRINTED AT THE SURVEY OF EGYPT 1929(29/669/7) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩-٥-٢١ Barometer and Wind at 8 h. Yesterday 19.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩-٥-٢١ From Observations taken at 8 h. yesterday 19.5.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Max in 24 hrs	Diff from normal	Min in 24 hrs	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1006.7	-1.6	-7.9	—	0	0	20	+2	—	22	—	15	—	60	—	—	—	638	—
MALTA	1007.8	-3.7	-7.8	ENE	2	0	29	-2	—	36	+13	17	+1	80	—	0	336	571	1
ATHENS	1011.5	-4.1	-2.1	—	0	3	22	+2	—	—	—	15	-1	50	—	—	—	338	—
CANDIA	1013.8	-4.2	-0.1	SW	1	4	23	+3		26	+2	16	0	—	—	0	516	449	1
LIMASSOL	1013.5	-2.0	+1.1	NNE	1	0	21	-1		25	-2	12	-2	—	—	0	389	457	3

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 58

" " sunset 18 45

From Observations taken at 8 h. to-day.

Thursday 21st May, 1931 — ١٩٣١ الخميس ٢١ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. last year	Rainfall: Normal to 1st Oct.	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.3	-1.1	-0.9	SW	1	3	29.1	+3.4	+6.7	36	—	23	—	39	-25	0	57	100	1
	MATRUH	1013.8	-1.3	+0.1	SSE	2	0	26.8	+3.0	+5.4	32	+6	19	+3	23	-50	0	177	158	0
	ALEXANDRIA	1014.4	-1.1	+0.7	ENE	1	4	22.4	+0.3	+0.1	27	0	17	-1	56	-15	0	96	190	1
	PORT SAID	1014.7	+0.1	+2.6	ENE	3	1	23.0	0.0	-0.9	27	0	20	+1	64	-4	0	62	80	2
	GAZA	—	—	—	—	0	0	24.1	+1.2	-0.1	27	0	15	0	66	+3	0	250	375	—
	HAIFA	1012.6	0.0	+2.1	—	0	0	25.1	+1.3	+0.4	28	0	19	+2	66	+3	0	665	644	1
	TANTA	1013.5	-2.3	—	N	1	4	23.7	+1.5	—	33	—	15	—	45		0	35		—
	EZBEKIYA	1013.3	-1.5	+0.6	NE	3	4	23.9	+1.9	+0.4	33	0	16	-1	48	-13	0	17	32	—
	ZAGIG	1013.4	-1.6	0.0	NNW	3	3	23.2	+2.2	—	32	-1	14	-1	52	—	0	21	30	
	HELWAN	1012.2	-2.1	-0.8	ENE	5	4	25.5	+3.5	+2.3	33	+1	20	+2	25	-25	0	19	35	
	SIWA	1013.3	-0.7	-0.3	—	0	1	26.5	+1.5	+3.0	—	—	19	+3	40	-13	0	38	7	
RED SEA	SUEZ	1012.2	-0.8	-0.3	NW	3	2	23.4	+1.6	0.0	30	-2	19	0	49	-19	0	28	26	2
	TOR	1010.8	+1.4	+0.4	NW	4	0	24.0	+0.9	-1.2	29	-2	22	+2	75	+5	0	11	14	4
	HURGHADA	1011.2	+1.6	—	NNW	4	1	26.5	+0.1	—	36	—	20		43		0	0		2
	QOSSEIR	1012.6	+3.3	—	N	4	0	28.0	+2.0	—	29	—	21	—	50		0	15		4
NILE VALLEY	[illegible]	1012.8	-2.2	-0.2	NE	3	0	25.0	+1.2	-0.2	33	-1	18	+2	36	-11	0	17		
	[illegible]	1011.8	—	—	NNE	2	2	21.0	+0.5	-3.6	33	-1	17	0	53	-2				
	[illegible]	1011.9	-1.2	-0.2	W	2	3	23.2	+0.4	-2.7	35	0	18	-1	39	-1	0	7		
	[illegible]	1011.0	-0.1	—	NNE	1	3	27.5	+2.3	-1.6	39	0	20	0	30	-8				
	[illegible]	1010.4	-1.6	—	—	0	0	26.4	+0.1	—	34		17		34		0	1		
	[illegible]	1010.6	-0.1	-0.1	—	0	2	25.5	-1.5	-4.6	39	-1	20	-3	17	-12	—			
	[illegible]	1010.2	-1.6	-0.1	—	0	0	25.0	+1.0	-3.9	37	-3	17	-4	16	-6				
	[illegible]	1009.5	-1.6	+0.6	NE	1	0	29.0	+2.0	-4.3	41	-1	20	-4	7	-10	0	0	3	
	[illegible]	1008.6	+0.2	+0.8	N	3	0	32.0	0.0	-1.4	39	-3	21	-4	28	+14	0	0	6	
	[illegible]	1008.6	-2.0	+0.6	NNW	1	0	30.5	+1.1	-1.2	40	-1	23	-2	8	-20	0	3	7	
	[illegible]	1011.1	+1.5	+2.1	—	0	0	32.2	-0.3	-0.3	35	0	20	-4	18	-24	0	29	109	1
	[illegible]	1008.2	+1.4	+0.2	E	2	0	31.5	-1.5	+0.3	43	+1	23	-1	13	-16	0	11	23	

Sun Elevation: 8 30

General Situation

The high pressure continues to weaken slowly but the Mediterranean depression appears to be filling up.

الحالة العامة

لا يزال الارتفاع آخذا في الاضمحلال ببطء ولكن يظهر ان الانخفاض الذي فوق البحر الابيض آخذ في الامتلاء .

500	30	ENE
1000	45	E
1500	20	E
2000	15	ENE
3000	15	ENE

Forecast for 24 hours from noon to day.

Inland moderate to fresh easterly winds, on the coast light to moderate winds veering from east to south.
Much high cloud.
Temperature slightly above normal.

توقعات الطقس من الظهر الى الظهر

رياح شرقية بين المعتدلة والشديدة نوعا في الداخل ورياح بين الخفيفة والمعتدلة تتحول من شرقية الى جنوبية على الساحل بكثرة السحاب العالي - درجة الحرارة فوق المعدل قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	70	0	18.6	+0.8
Ezbekiye	50	-3	17.8	-1.8
Giza	53	+6	17.6	—
Helwan	35	-4	16.1	+0.2

NOTE. A dash means that figures are not available.

Terms of Subscription By inland Post, P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
21.5	695	974
20.5	658	946

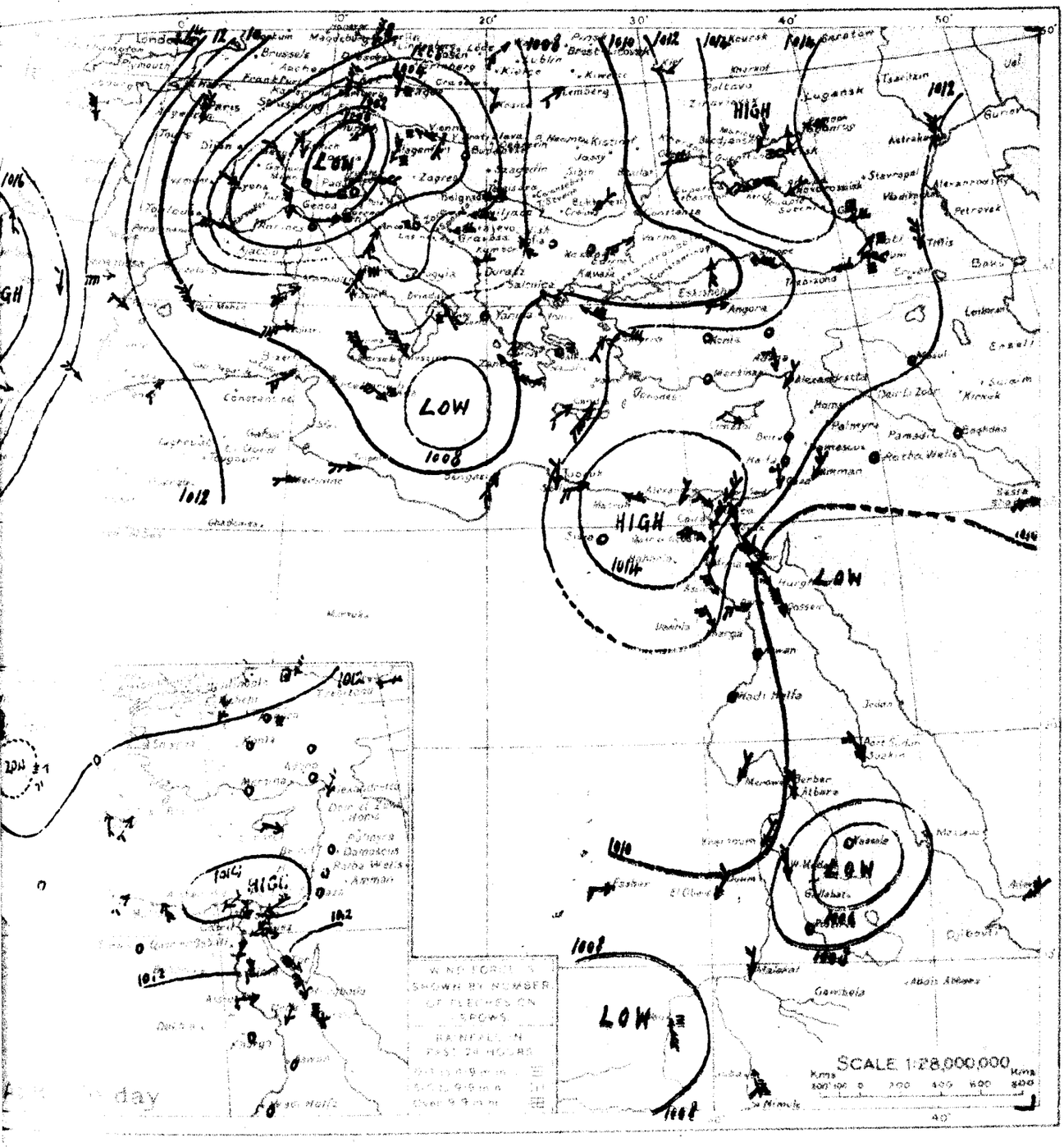
GAUGE	Date	Reading	Diff from normal	Rise	Diff from normal
	1931	m	m	m	m
Juba	20.5	13.49	-0.05	13.53	-0.02
Nasser	19.5	5.34	-1.14	5.36	-1.00
Malakal	20.5	9.82	-0.43	9.80	-0.44
Roseires	21.5	11.11	-0.94	11.14	-0.86
Sennar Res	20.5	6.07	—	6.14	
Makwar	20.5	4.41	-1.12	4.46	-1.04
Khartoum	21.5	9.69	-0.53	9.69	-0.50
Kh. el Girba					
Atbara	21.5	9.59	-0.37	9.59	-0.36
Wadi Halfa	21.5	0.88	-0.34	0.88	-0.34
Aswan Res.	21.5	107.45	—	107.54	—
" D.S.	21.5	85.12	-0.38	85.10	-0.46
El Leithi	21.5	16.72	-0.14	16.72	-0.13
Roda (Cairo)	21.5	15.43	+0.34	15.77	+0.31

PRINTED AT THE BUREAU OF EGYPT (1930) (30/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١ - ٥ - ٢٠ Barometer and Wind at 8 h. Yesterday 20.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - ٥ - ٢٠ From Observations taken at 8 h yesterday 20.5.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
	m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
ROME	1007.1	+0.4	-7.5	SW	3	4	19	-1	—	24	—	15	—	60	—	6	—	640	—
MALTA	1008.2	+0.4	-7.4	NW	3	4	19	-1	—	23	0	18	+2	70	—	trace	336	421	1
ATHENS	1010.8	-0.7	-2.8	—	0	4	21	-1	—	—	—	21	+5	50	—	rain	—	339	—
CANDIA	1011.6	-2.2	-2.3	SW	4	3	30	+7	—	28	+4	21	+5	—	—	0	516	450	2
LIMASSOL	1013.6	+0.1	+1.3	WNW	1	0	23	+2		24	-3	13	-1	—	—	0	389	452	1
Kassala	1005.0	0.0	-3.0	—	0	0	34.0	+0.5	+1.8	41	0	26	+1	38	-1	0	2	21	—
El Obeid	1009.6	+0.3	0.0	NE	2	1	30.2	+1.7	+0.7	39	0	19	-3	13	-32	0	18	29	—
Wau	1007.9	-0.9	-1.9	S	3	0	29.3	+3.3	+3.8	35	0	23	+2	65	-10	3	194	326	—
Juba	1009.4	-1.2	—	SSE	5	1	27.1	0.0	—	36	—	22	—	66	—	0	382	362	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 58 m

" " sunset 18 h 46 m

From Observations taken at 8 h. to-day.

Friday 22nd May, 1931 ١٩٣١

الجمعة ٢٢ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.8	+0.5	-0.4	—	0	3	23.8	-5.3	+1.2	33	—	19	—	80	+16	0	57	100	0
	MATRUH	1014.0	+0.2	+0.3	SE	2	4	22.6	-4.2	+1.1	33	+7	17	+1	34	-39	0	177	108	1
	ALEXANDRIA	1013.1	-1.3	-0.6	NNE	1	3	22.7	+0.3	+0.4	30	+3	19	+1	72	+1	0	96	190	1
	PORT SAID	1012.2	-2.5	+0.1	NE	3	3	24.3	+1.3	+0.3	25	-2	21	+2	67	-1	0	62	80	3
	GAZA	—	—	—	—	0	0	23.4	-0.7	-0.8	28	+1	16	0	73	+10	0	250	375	—
	HAIFA	1010.3	-2.3	-0.1	—	0	0	25.4	+0.3	+0.6	29	+1	20	+3	64	+1	0	665	644	1
LOWER EGYPT	TANTA	1013.0	-0.5	—	NNW	1	4	23.0	-0.7	—	34		16	—	65	—	0	35		
	EZBEKIYA	1011.2	-2.1	-1.5	N	2	3	25.0	+1.1	+1.4	35	+2	18	+1	43	-18	0	17	32	
	GIZA	1010.7	-2.7	-2.6	N	2	3	23.9	+0.7	—	34	+1	16	+1	52	—	0	21	30	
	HELWAN	1010.3	-1.9	-2.7	—	0	4	27.4	+1.9	+4.1	36	+3	22	+4	35	-15	0	19	35	
	SIWA	1012.4	-0.7	-1.1	—	0	0	25.7	-0.8	+2.1	—	—	13	-3	34	-19	0	38	7	
RED SEA	SUEZ	1009.3	-2.9	-3.2	N	2	2	25.4	+2.0	+1.9	34	+1	22	+3	49	-19	0	28	26	1
	TOR	1009.0	-1.8	-1.3	W	1	3	25.0	+1.0	-0.3	28	-3	22	+2	76	+6	0	11	14	1
	HURGHADA	1009.3	-1.9	—	NNW	4	0	28.2	+1.7		33		19		37		0	0		2
	QUSEIR	1009.4	-3.2	—	N	2	0	30.5	+2.5	—	29	—	22	—	24		0	15		2
UPPER EGYPT	[illegible]	1010.3	-2.5	-2.7	NW	2	0	26.7	+1.7	+1.4	37	+3	21	+5	31	-16	0	17		
	MINIA	1009.4	-2.4	—	NNE	1	0	24.7	+3.7	0.0	37	+3	19	+2	49	-6				
	ASYUT	1009.9	-2.0	-2.1	WNW	2	0	26.4	+3.2	+0.4	38	+3	20	+1	36	-4	0	7		
	QENA	1009.4	-1.6	—	NNE	2	0	29.0	+1.5	-0.2	40	+1	20	0	19	-19				
	KOSEIR	1008.2	-2.2		—	0	0	28.1	+1.7	—	37		16		27		0	1		
	ASWAN	1008.3	-2.3	-2.3	—	0	1	29.6	+4.1	-0.6	42	+2	24	+1	22	-8				
	[illegible]	1008.4	-1.8	-1.8	—	0	[illegible]	28.2	+3.2	-0.8	40	0	19	-2	17	-5				
	[illegible]	1009.5	0.0	+0.7	NE	1	0	31.0	+2.0	-2.3	42	-1	25	+1	7	-10	0	0	3	
	[illegible]	1008.4	-0.2	+0.6	N	2	0	32.0	0.0	-1.4	41	-1	23	-2	38	+23	0	0	6	
	[illegible]	1007.9	-0.7	-0.1	NNE	3	1	31.6	+1.1	-0.1	42	+1	23	-3	1	-27	0	3	7	
	[illegible]	1008.2	-2.1	-0.7	—	0	0	32.4	+0.2	-0.2	35	-1	24	0	36	-6	0	29	109	1
	[illegible]	1006.2	0.0	-1.9	—	0	0	34.5	-1.0	+2.5	44	+3	27	+2	44	+5	0	2	21	
	[illegible]	1006.7	-1.5	-1.3	NE	2	1	33.4	+1.9	+2.2	42	0	23	-1	10	-20	0	11	23	
	[illegible]	1006.2	-0.6	-3.3	NE	1	0	33.5	+2.5	+5.7	42	+4	25	+2	42	-9	0	62	94	
	[illegible]	1007.8	0.0	—	SSW	1	1	27.5	-1.5	-0.3	40	+2	17	-3	8	-25	0	1	13	
	[illegible]	1010.6	-0.4	-0.1	—	0	2	30.0	+1.0	+3.0	38	+3	25	+2	57	-12	0	144	179	
	[illegible]	1008.8	-1.8	-1.0	SW	4	0	29.3	+2.3	+2.8	36	+1	25	+4	62	-13	0	200	335	
	[illegible]	1011.1	-0.8	—	SSW	3	3	26.2	+1.0	—	33	—	24		77		0	410	368	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	52	-19	17.4	-0.5
Ezbekiya	43	-11	17.9	-1.8
Giza	45	-3	18.2	—
Helwan	47	+8	16.2	+0.2

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by gauges m.3 per sec

DATE	1931	1930
21.5	695	974
20.5	658	946

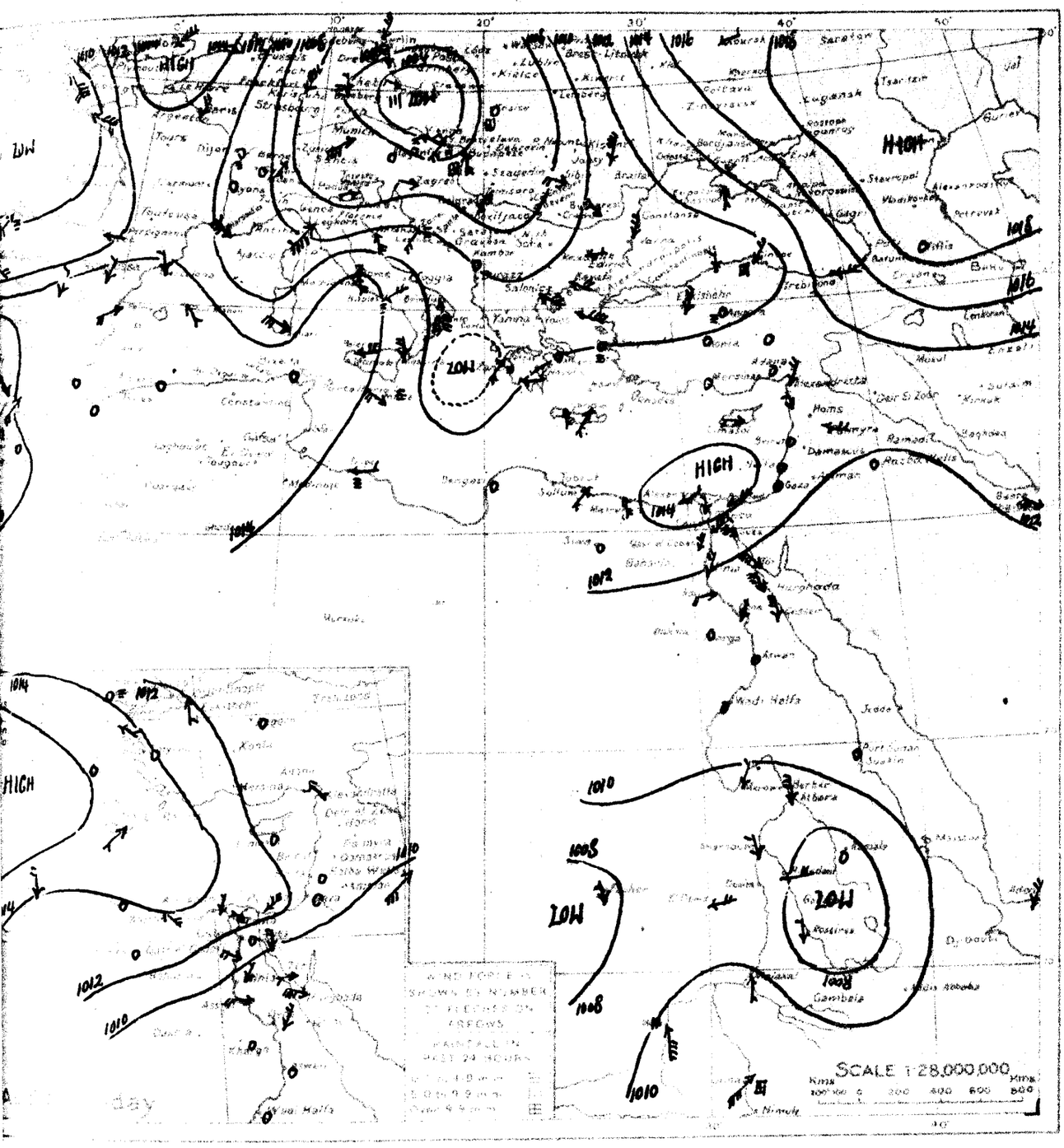
GAUGE	Date 1931	Reading m	Diff. from normal m	Rise	Diff. from normal m
Juba	21.5	13.96	+0.42	13.49	-0.05
Nasser	21.5	5.36	-1.20	5.33	-1.19
Malakal	20.5	9.82	-0.43	9.80	-0.44
Roseires	21.5	11.11	-0.94	11.14	-0.88
Sennar Res.	22.5	5.99	—	6.01	—
Makwar	22.5	4.36	-1.23	4.37	-1.19
Khartoum	21.5	9.69	-0.53	9.69	-0.50
Kh. el Girba					
Atbara	21.5	7.59	-0.37	9.59	-0.36
Wadi Halfa	21.5	0.88	-0.34	0.88	-0.34
Aswan Res.	21.5	107.45	—	107.54	—
" D.S.	21.5	85.18	-0.38	85.10	-0.46
El Lettin	21.5	16.72	-0.14	16.72	-0.13
Roda (Cairo)	21.5	15.75	+0.34	15.77	+0.37

PRINTED AT THE SURVEY OF EGYPT 1929(29/850/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٥-٣١ Barometer and Wind at 8 h. Yesterday 21.5.31.



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

STATE OF SKY	
Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٥-٣١ From Observations taken at 8 h yesterday 21.5.31.

	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Diff from yesterday	TEMPERATURE Max	TEMPERATURE Diff from normal	TEMPERATURE Min	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st yesterday	RAINFALL Normal from Oct. 1st yesterday	SEA
	mb	mb	mb				°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
[illegible]	1014.4	+7.3	-0.2	S	2	4	17	-2	—	21	—	14	—	70	—	3	—	641	—
[illegible]	1012.8	+4.6	-2.8	NW	3	4	18	-1	—	24	+1	17	+1	60	—	1	337	421	2
[illegible]	1012.0	+1.2	-1.6	—	0	3	22	+1	—	—	—	18	+2	60	—	—	—	340	—
[illegible]	1012.6	+1.0	-1.2	SW	1	4	28	-2	—	34	+10	19	+3	—	—	0	516	450	1
[illegible]	1013.6	0.0	+1.3	WNW	1	0	24	+1		28	+1	12	-2	—	—	0	309	452	2
Kassala كسلا	1006.2	+1.2	-1.9	—	0	0	35.5	+1.5	+0.4	42	+1	26	+1	38	-1	0	2	21	—
Rosaires الروصيرس	1006.8	+0.6	-2.6	NNW	1	0	31.0	-2.0	+3.1	42	+4	25	+2	53	+3	0	62	92	—
El Fasher الفاشر	1007.8	-1.2	—	NNW	1	0	29.0	+3.0	+1.2	42	+4	—	—	5	-27	0	1	13	—
El Obeid الابيض	1009.0	-0.6	-0.6	E	2	0	29.9	-0.3	+0.4	40	+1	21	-1	16	-29	0	18	30	—
Malakal ملكال	1011.0	+1.0	+0.3	S	1	2	29.0	-0.1	+2.0	38	+3	24	+1	55	-13	0	144	176	—
Wau واو	1010.6	+2.7	+0.8	S	4	0	26.0	-3.3	+0.5	37	+2	23	+2	77	+2	6	200	330	—
Juba جوبا	1011.9	+2.5	—	SW	4	2	25.2	-1.9	—	36	—	20	—	78	—	28	410	365	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 57

" " sunset 18 46

From Observations taken at 8h. to-day.

Saturday 23rd May, 1931 ١٩٣١ السبت ٢٣ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.2	+0.4	+0.1	NNW	1	3	24.2	+0.4	+1.5	32	—	19	—	65	+1	0	57	100	1
	MATRUH	1013.4	−0.6	−0.3	NW	3	4	21.4	−1.2	−0.2	24	−2	17	+1	72	−1	0	177	158	2
	ALEXANDRIA	1011.5	−1.6	−2.1	NW	1	1	21.8	−0.9	−0.6	27	0	18	0	75	+4	0	96	190	2
	PORT SAID	1009.3	−2.9	−2.7	NNW	2	0	25.9	+1.6	+1.8	27	0	21	+2	70	+2	0	62	80	3
	GAZA	—	—	—	S	1	0	24.8	+1.4	+0.5	31	+4	19	+3	77	+14	0	250	375	—
	HAIFA	1006.7	−3.6	−3.7	—	0	0	35.0	+9.6	+10.1	31	+3	21	+4	66	+3	0	665	644	1
LOWER EGYPT	TANTA	1010.7	−2.3	—	W	1	3	25.5	+2.5	—	34	—	[illegible]	—	51		0	35		
	EZBEKIYA	1009.9	−1.3	−2.8	NNE	2	0	23.1	−1.9	−0.6	36	+3	19	+2	60	−1	0	17	32	—
	GIZA	1009.9	−0.8	−3.4	NNW	2	0	22.0	−1.9	—	35	+2	16	+1	72	—	0	21	30	
	HELWAN	1008.4	−1.9	−4.5	NNE	2	0	26.9	−0.5	+3.5	38	+5	20	+2	39	−11	0	19	35	
	SIWA	1011.8	−0.6	−1.7	—	0	0	25.0	−0.7	+1.2	—	—	20	+4	54	+1	0	38	7	
RED SEA	SUEZ	1009.5	+0.2	−2.9	N	2	0	22.5	−2.9	−1.1	36	+3	20	+1	78	+10	0	22	26	2
	TOR	1008.2	−0.8	−2.1	NW	1	0	24.6	−0.4	−0.8	30	−1	22	+2	79	+9	0	11	14	1
	HURGHADA	1008.6	−0.7		NNW	3	0	26.8	−1.4		35		19		66		0	0		1
	QOSEIR	1008.4	−1.0	—	N	4	0	27.5	−3.0	—	32	—	22	—	69		0	15		4
UPPER EGYPT	[illegible]	1010.0	−0.3	−3.0	NNE	4	0	27.4	+0.7	+2.0	39	+5	21	+4	35	−12	0	17		
	[illegible]	1008.7	−0.7	—	NNE	3	0	23.5	−1.2	−1.2	39	+4	19	+2	63	+8				
	[illegible]	1008.7	−1.2	−3.3	W	2	0	25.7	−0.7	−0.4	40	+5	21	+2	44	+4	0	7		
	[illegible]	1007.2	−2.2	—	NE	2	0	30.3	+1.3	+1.0	42	+3	21	0	23	−15				
	[illegible]	1007.6	−0.6		ENE	1	0	28.3	+0.2	—	40	—	20		25		0	1		
	ASWAN	1006.3	−2.0	−4.2	—	0	0	28.5	−1.1	−1.8	43	+3	23	0	30	0				
	[illegible]	1007.4	−1.0	−2.8	—	0	[illegible]	28.0	−0.2	−1.1	42	+2	22	+1	21	0				
	[illegible]	1008.0	−1.5	−0.8	NE	1	0	32.0	+1.0	−1.4	42	−1	24	0	11	−6	0	0	3	
	[illegible]	1007.6	−0.8	−0.1	N	3	0	34.0	+2.0	+0.5	42	0	24	−1	31	+16	0	0	7	
	[illegible]	1007.4	−0.5	−0.6	NNE	2	2	31.9	+0.3	+0.1	41	0	26	+1	6	−23	0	3	7	
	[illegible]	1006.7	−1.5	−2.1	SW	1	0	31.9	−0.5	−0.8	35	−1	27	+3	71	+29	0	29	109	1
	[illegible]	1004.6	−2.1	−3.4	N	3	2	35.0	+1.6	+3.9	44	+2	24	0	16	−15	0	11	24	
	[illegible]	1007.9	+1.7	−1.7	—	0	1	31.5	−2.0	+3.8	42	+4	26	+3	46	−6	0	62	95	
	[illegible]	1011.6	+1.0	+0.8	~~SSW~~ S	1	3	26.8	−3.2	−0.1	40	+5	24	+1	67	−2	0	144	182	

General Situation

8 30

A shallow depression is situated over Palestine. There is a steady gradient from high pressure over the central Mediterranean to Egypt. In the west of Egypt the pressure is again rising.

يوجد انخفاض قريب الغور فوق فلسطين وانحدار الضغط منتظم من الارتفاع الذي فوق اواسط البحر الابيض الى مصر والضغط آخذ في الارتفاع ثانية في غرب مصر.

30	NE	
40	ENE	
20	ESE	
20	ESE	

Forecast for 24 hours from noon to day.

Moderate winds, northwest to north on the coast, north to northeast inland.
Clear or occasional high cloud.
Slightly cooler, but temperature remaining above normal.

رياح معتدلة شمالية غربية الى شمالية على الساحل وشمالية شمالية شرقية في الداخل - السماء صحو او رائقة بالنسبة للسحب العالي احيانا - الطقس اميل للبرودة ودرجة الحرارة تستمر فوق المعدل

STATION	Highest Humidity Mean of Day: Yesterday	Diff. from normal	Lowest Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	77	+6	20.3	+2.3
Ezbekiya	45	−9	19.3	−0.5
Giza	52	+4	19.7	—
Helwan	33	−6	18.3	+2.3

NOTE. A dash means that figures are not available.

Terms of Subscription by Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by gauges at 3 per sec. DATE	1931	1930
23.5	695	972
22.5	695	971

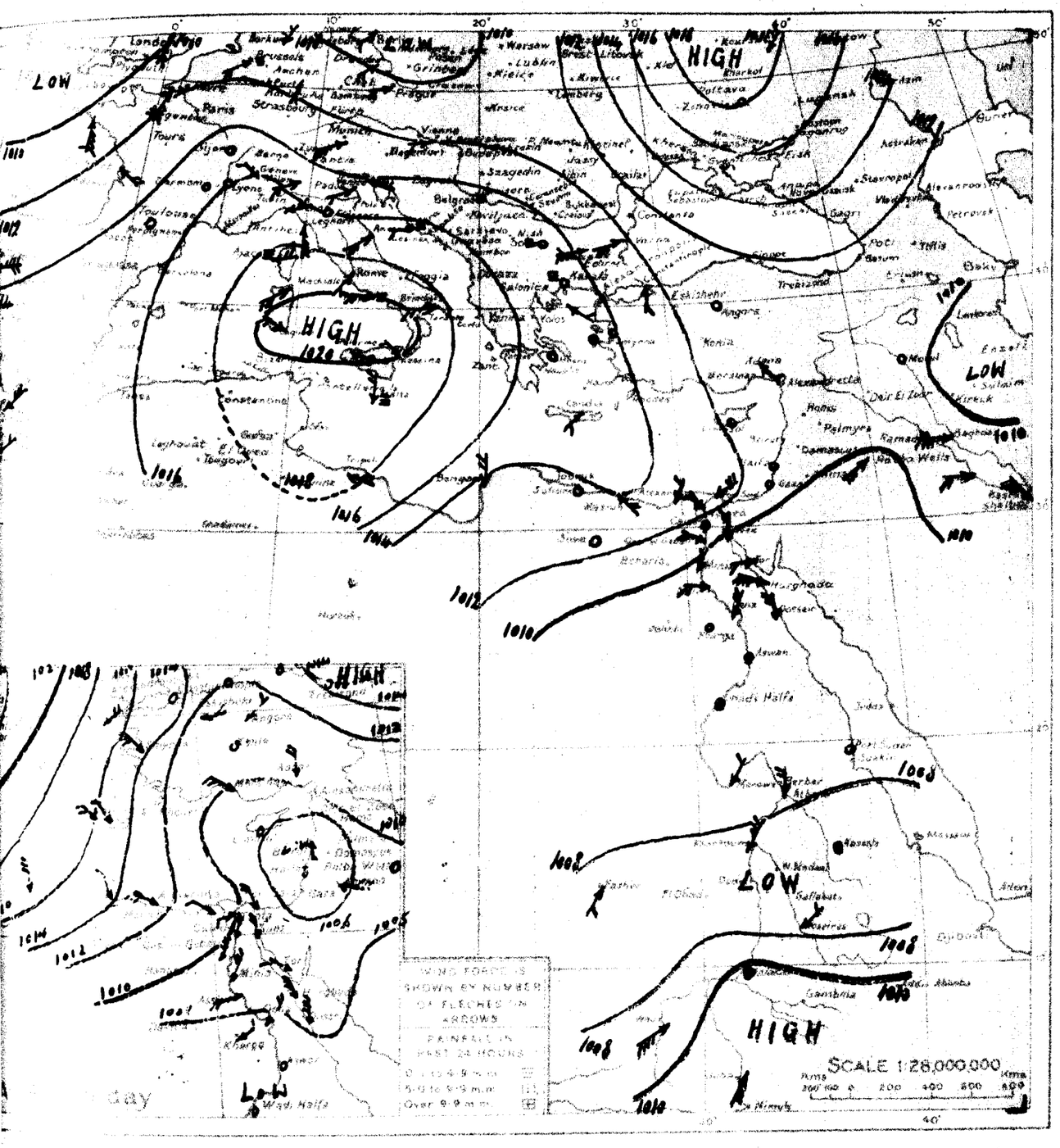
GAUGE	Date 1931	Reading	Diff. from normal	Rise	Diff. from normal
		m	m	m	m
Juba	22.5	13.72	+0.17	13.96	+0.42
Nasser	21.5	5.36	−1.20	5.33	−1.19
Malakal	22.5	9.84	−0.46	9.83	−0.45
Roseires	23.5	11.37	−0.74	11.15	−0.93
Sennar Res.	22.5	5.99	—	6.01	—
Makwar	22.5	4.36	−1.23	4.37	−1.19
Khartoum	23.5	9.74	−0.54	9.71	−0.54
Kh. el Girba					
Atbara	22.5	9.61	−0.36	9.59	−0.37
Wadi Halfa	23.5	0.86	−0.37	0.87	−0.36
Aswan Res.	23.5	107.28	—	107.37	—
" D.S.	23.5	85.18	−0.40	85.16	−0.41
El Leithi	23.5	16.78	−0.08	16.75	−0.11
Roda (Cairo)	23.5	15.79	+0.36	15.77	+0.34

PRINTED AT THE SURVEY OF EGYPT 1929(89/689/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-0-CC Barometer and Wind at 8 h. Yesterday 22.5.31.



WIND VELOCITY

	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	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-0-CC From Observations taken at 8 h. yesterday. 22.5.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
[illegible]	1019.1	+4.7	+4.5	SW	1	4	19	+2	—	21	—	14	—	70	—	—	—	643	—
[illegible]	1018.3	+5.5	+2.5	N	2	0	18	0	—	19	-4	14	-2	70	—	drops	337	422	2
[illegible]	1015.2	+3.2	+1.6	—	0	2	21	-1	—	—	—	—	—	60	—	—	—	340	—
[illegible]	1015.2	+2.6	+1.4	SW	1	4	24	-4	—	29	+5	19	+3	—	—	0	516	451	2
[illegible]	1011.6	-2.0	-0.6	—	0	3	26	+3		29	+2	14	0	—	—	0	389	453	3

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 57

" " sunset 18 47

From Observations taken at 8h. to-day.

Sunday 24th May, 1931 ١٩٣١ الأحد ٢٤ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.1	−1.1	−1.0	NW	2	0	23.7	−0.5	+0.9	27	—	17	—	61	−3	0	57	100	3
	MATRUH	1011.9	−1.5	−1.8	NW	3	2	20.8	−0.6	−0.9	25	−1	19	+3	34	−39	0	177	158	4
	ALEXANDRIA	1009.6	−1.9	−4.0	NW	1	1	22.7	+0.9	+0.2	25	−2	19	+1	78	+7	0	96	190	1
	PORT SAID	1007.6	−1.7	−4.4	NNW	2	1	25.9	0.0	+1.6	29	+2	21	+2	69	+1	0	62	80	3
	GAZA																			
	HAIFA	1005.4	−1.3	−4.9	—	1	0	32.0	−3.0	+7.0	38	+10	22	+4	69	+6	0	665	644	0
LOWER EGYPT	TANTA	1009.5	−1.2		W	1	4	24.7	−0.8		37		18		63		0	35		
	CAIRO / EZBEKIYA	1008.7	−1.2	−3.9	—	0	3	23.8	+0.7	0.0	37	+4	20	+3	69	+8	0	17	32	
	CAIRO / GIZA	1008.7	−1.2	−4.6	NW	2	3	23.4	+1.4	—	36	+3	18	+3	73	—	0	21	30	
	CAIRO / HELWAN	1008.8	+0.4	−4.1	NNW	3	2	22.0	−4.9	−1.5	37	+4	20	+2	73	+22	0	19	35	
	SIWA	1011.9	+0.1	−1.5	—	0	0	23.0	−2.0	−1.0	—	—	20	+3	60	+7	0	38	7	
RED SEA	SUEZ	1007.5	−2.0	−4.9	N	2	1	23.0	+0.5	−0.8	34	+1	20	+1	74	+6	0	28	26	2
	TOR	1006.0	−2.2	−4.2	NW	4	0	24.0	−0.6	−1.4	31	0	20	0	75	+4	0	11	14	4
	HURGHADA	1006.2	−2.4	—	NNW	4	0	27.4	+0.6		34		21		62		0	0		2
	QOSSEIR	1006.4	−2.0	—	N	2	0	28.8	+1.3		29		23		55		0	15		2
UPPER EGYPT	ASSIUT	1009.5	−0.5	−3.4	NW	1	0	27.5	+0.1	+2.0	39	+5	19	+2	35	−12	0	17		
	MINIA	1008.3	−0.4	—	NNE	3	0	25.0	+1.5	+0.2	38	+3	19	+2	54	−1				
	ASYUT	1008.3	−0.4	−3.6	NW	3	0	25.5	−0.2	−0.7	40	+4	22	+3	46	+6	0	7		
	SOHAG	1006.0	−1.2	—	W	3	0	30.7	+0.4	+1.2	44	+5	24	+3	32	−6				
	KHARGA	1007.6	0.0	—	NNE	1	0	30.9	+2.6	—	41	—	24		25		0	1		
	ASWAN	1005.4	−0.9	−5.1	—	0	1	31.4	+2.9	+1.0	44	+4	25	+2	30	0				
NORTH SUDAN	WADI HALFA	1007.0	−0.4	−3.1	—	0	[illegible]	27.8	−0.2	−1.4	43	+3	23	+2	21	0				
	KOROSKO	1006.7	−1.3	−2.0	NE	1	0	35.0	+3.0	+1.5	44	+1	25	+1	10	−7	0	0	3	
	KHARTOUM	1007.5	+0.1	−0.5	NNE	2	2	31.4	−0.5	−0.4	42	+1	26	0	10	−19	0	3	7	
	SOUTH SUDAN / MALAKAL	1005.5	−1.2	−3.2	E	1	0	32.6	+0.7	−0.2	35	−1	28	+4	76	+35	0	29	109	1
	WAD MEDANI	1006.2	+1.6	−1.9	N	2	2	32.5	−2.5	+1.4	43	+1	25	+1	14	−17	0	11	24	
	KASSALA	1006.2	−1.7	−3.4	NE	1	0	32.5	+1.0	+4.9	41	+3	22	−1	52	0	0	62	97	
	RED SEA / PORT SUDAN	1007.8	0.0	−1.9	WSW	2	2	30.5	−2.0	+1.1	41	+2	22	0	19	−28	0	18	31	
	MASSAUA	1010.3	−1.3	−0.5	SSW	2	2	29.2	+2.4	+2.3	38	+3	26	+3	59	−10	0	144	185	
	WEJH																			
	JEDDA																			

Upper Air Observations

Height	Speed	Direction
Ground		
500	15	N
1000	35	N
1500	15	N
2000		
3000		

General Situation

The pressure throughout Egypt and the eastern Mediterranean has weakened, otherwise there is little change in the distribution.

قد اضمحل الضغط فوق مصر عموما وشرقي البحر الابيض وفيما عدا ذلك لم يتغير الحال الا قليلا.

Forecast for 24 hours from noon to-day.

Light to moderate northerly winds. Clear or occasional high cloud. Little change in temperature.

رياح شمالية بين الخفيفة والمعتدلة - السماء صحو أو بها بعض السحاب العالي احيانا - ولا تتغير درجة الحرارة الا قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	80	+9	19.9	+1.8
Ezbekiya	53	−1	20.1	+0.2
Giza	59	+11	19.8	—
Helwan	34	−5	18.8	+2.7

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by gauges in m³ per sec.

DATE	1931	1930
24.5	697	972
23.5	695	972

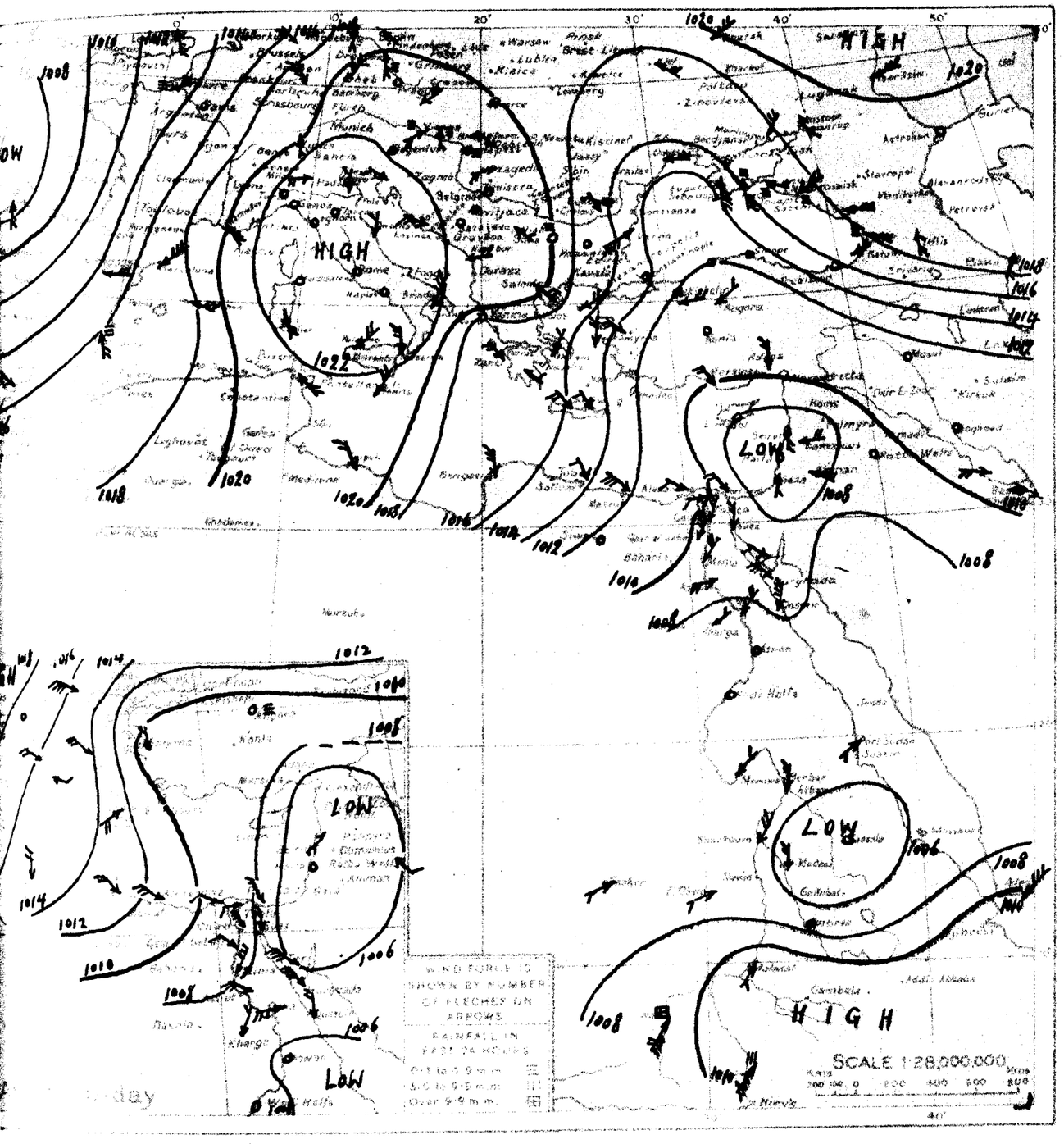
GAUGE	Date	Reading	Diff. from normal	Gauge	Diff. from normal
	1931	m	m	m	m
Juba	23.5	13.62	+0.07	13.72	+0.17
Nasser	22.5	5.32	−1.28	5.36	−1.20
Malakal	23.5	9.84	−0.48	9.84	−0.46
Roseires	24.5	11.38	−0.77	11.37	−0.74
Sennar Res.	23.5	6.02	—	5.99	—
Makwar	23.5	4.36	−1.25	4.36	−1.23
Khartoum	23.5	9.74	−0.54	9.71	−0.54
Kn. el Girba					
Atbara	23.5	9.63	−0.35	9.61	−0.36
Wadi Haifa	23.5	0.86	−0.37	0.87	−0.36
Aswan Res.	24.5	107.18	—	107.29	—
" D.S.	24.5	85.18	−0.41	85.18	−0.40
El Leithi	24.5	16.79	−0.07	16.78	−0.01
Roda (Cairo)	24.5	15.82	+0.40	15.79	+0.37

PRINTED AT THE SURVEY OF EGYPT 1929 (29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ٥ - ٣١ Barometer and Wind at 8 h. Yesterday 23.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٢١ - ٥ - ٣١ From Observations taken at 8 h. yesterday 23.5.31.

Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Mean	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Last 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
[illegible]WI	1023.4	+4.3	+8.8	—	0	0	17	-2	—	22	—	11	—	70	—	—	—	645	—
[illegible]VLTA	1021.0	+2.7	+5.2	NNE	2	0	18	0	—	22	-1	4	-2	70	—	0	337	422	2
[illegible]THENS	1016.6	+1.4	+3.0	NNE	1	2	24	+3	—	—	—	18	+2	40	—	—	—	341	—
[illegible]NDIA	1015.5	+0.3	+1.7	NW	1	1	27	+3	—	29	+5	19	+3	—	—	0	516	452	1
[illegible]WASSOL	1008.0	-3.6	-4.2	—	0	2	32	+6		34	+6	19	+5	—	—	0	389	453	0
Kassala كسلا	1004.7	-1.5	-3.5	—	0	0	36.0	+1.5	+4.0	43	+2	25	0	36	-4	0	2	22	—
El Fasher الفاشر	1006.2	-1.6	—	SW	1	1	28.0	+0.5	+0.2	41	+3	17	-3	15	-18	0	1	14	—
El Obeid الأبيض	1007.8	-0.6	-1.9	SW	1	3	32.5	+1.5	+3.1	42	+3	20	-2	13	-33	0	18	31	—
Wau واو	1009.3	+0.5	-0.6	SSW	6	2	24.2	-5.1	-1.2	38	+4	22	+1	86	+11	17	217	339	—
Juba جوبا	1011.1	0.0	—	SSW	5	3	24.3	-1.9	—	31	—	20	—	89	—	6	416	372	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 56 m

" " sunset 18 h 47 m

From Observations taken at 8h. to-day.

Monday 25th May, 1931 ١٩٣١ الاثنين ٢٥ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. yesterday	Rainfall: Total since 1st Oct. to-day	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.2	-1.9	-2.8	NNW	2	0	22.1	-1.6	-0.8	29	—	16	—	38	-26	0	57	100	4
	MATRUH	1010.7	-1.2	-3.0	NW	3	0	21.2	+0.4	-0.6	27	+1	17	0	39	-34	0	177	158	4
	ALEXANDRIA	1011.1	+1.5	-2.5	W	1	2	21.0	-1.7	-1.6	26	-1	19	+1	86	+15	0	96	190	1
	PORT SAID	1010.3	+2.7	-1.7	WNW	1	0	24.3	-1.6	-0.1	28	+1	20	+1	68	0	0	62	81	2
	GAZA	—	—	—	S	1	0	24.1	-2.2	-0.4	29	+2	18	+2	82	+18	0	250	375	—
	HAIFA	1007.0	+1.6	-3.2	—	0	0	26.2	-5.8	+1.2	34	+2	21	+3	64	0	0	665	644	0
LOWER EGYPT	TANTA	1010.6	+1.1	—	W	1	1	23.3	-1.4	—	33	—	16	—	71	—	0	35		—
	CAIRO: EZBEKIYA	1010.2	+1.5	-2.4	NW	1	1	23.1	-0.7	-0.8	35	+2	19	+2	69	+7	0	17	33	—
	CAIRO: GIZA	1010.3	+1.6	-2.9	NNW	2	0	22.3	-1.1	—	34	0	16	+1	75	—	0	21	30	—
	CAIRO: HELWAN	1009.1	+0.3	-3.8	NW	3	0	23.2	+1.2	-0.3	34	+1	19	+1	53	+2	0	19	35	—
	SIWA	1011.2	-0.7	-2.2	—	0	0	22.5	-0.5	-1.6	—	—	18	+1	60	+7	0	38	7	—
RED SEA	SUEZ	1008.6	+1.1	-3.8	N	2	0	23.0	0.0	-0.9	33	0	20	+1	74	+6	0	28	26	2
	TOR	1007.6	+1.6	-2.5	NW	5	0	24.5	+0.5	-1.0	32	0	23	+2	72	+1	0	11	14	5
	HURGHADA	1008.0	+1.8	—	NNW	4	0	29.1	+1.7	—	33	—	22	—	52		0	0		2
	QOSSEIR	1007.6	+1.2	—	N	5	0	29.6	+0.8	—	30	—	24	—	48		0	15		5
UPPER EGYPT	GEBALI	1010.8	+1.3	-2.1	N	1	0	26.7	-0.8	+1.1	36	+1	18	+1	33	-15	0	17		
	MINYA	1009.8	+1.5	—	N	2	0	24.5	-0.5	-0.4	35	0	18	+1	53	-2				
	ASYUT	1009.8	+1.5	-2.1	WSW	2	0	27.2	+1.7	+1.0	36	0	22	+2	42	+2	0	7		
	KENA	1008.7	+2.7	—	W	1	0	30.2	-0.5	+0.6	43	+4	23	+2	33	-5				
	KHARGA	1008.8	+1.2	—	—	0	0	30.8	-0.1	—	38		22		37		0	1		—
	ASWAN	1008.7	+3.3	-1.7	N	1	0	30.0	-1.4	-0.5	42	+2	24	+1	17	-13				
SUDAN	WAD HALFA	1008.3	+1.3	-1.8	—	0	0	30.0	+2.2	+0.8	42	+2	23	+2	20	-1				
	MEROWE	1007.8	+1.1	-0.9	NE	1	0	31.0	-4.0	-2.6	43	0	27	+2	22	+5	0	0	3	
	ATBARA	1007.6	+0.4	-0.1	N	4	0	34.0	+1.5	+0.4	43	+1	26	+1	24	+9	0	0	7	
	KHARTOUM	1007.2	-0.3	-0.8	NE	4	0	32.5	+1.1	+0.7	42	+1	27	+1	8	-22	0	3	7	
	PORT SUDAN	1005.5	0.0	-3.1	SW	1	0	33.1	+0.5	+0.2	34	-2	28	+4	74	+33	0	29	109	1
	KASSALA																			
	WAD MEDANI	1005.4	-0.8	-2.7	N	3	1	34.3	+1.8	+3.3	43	+2	24	0	13	-19	0	11	24	
	ROSEIRES	1007.0	+0.8	-2.7	NNW	1	0	31.5	-1.0	+4.0	41	+3	25	+2	51	-2	0	62	99	
	EL TASHER	1007.2	0.0	—	SW	1	0	28.0	-0.5	+0.2	42	+4	18	-2	15	-19	0	1	14	
	EL DUEIM																			
	VALLAKI																			
	WAU																			
	JUBA																			

Upper Wind Observations

Height (Metres)	Wind Speed per hour	Direction
500	15	E
1000	5	W
1500	10	SW
2000	15	WSW
3000		

General Situation

The depression situated over Syria is moving slowly east. The high pressure west of Egypt is gradually weakening; otherwise there is little change

يتحرك الانخفاض الذي فوق الشام ببطء نحو الشرق والارتفاع الذي بالغرب من مصر آخذ في الاضمحلال تدريجيا وفيما عدا ذلك لم يتغير الحال الا قليلا.

Forecast for 24 hours from noon to-day.

Light to moderate northwest to north winds. Occasional high cloud. Normal temperature.

رياح بين الخفيفة والمعتدلة شمالية غربية الى شمالية بلد بعض السحب العالي احيانا. ودرجة الحرارة حوالي المعدل.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	83	+12	20.3	+2.1
Ezbekiya	54	0	18.7	-1.3
Giza	58	+10	19.9	—
Helwan	49	+10	18.7	+2.6

NOTE. A dash means that figures are not available

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" " Abroad PT. 150

Remarks

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

DATE	1931	1930
24.5	697	972
23.5	695	972

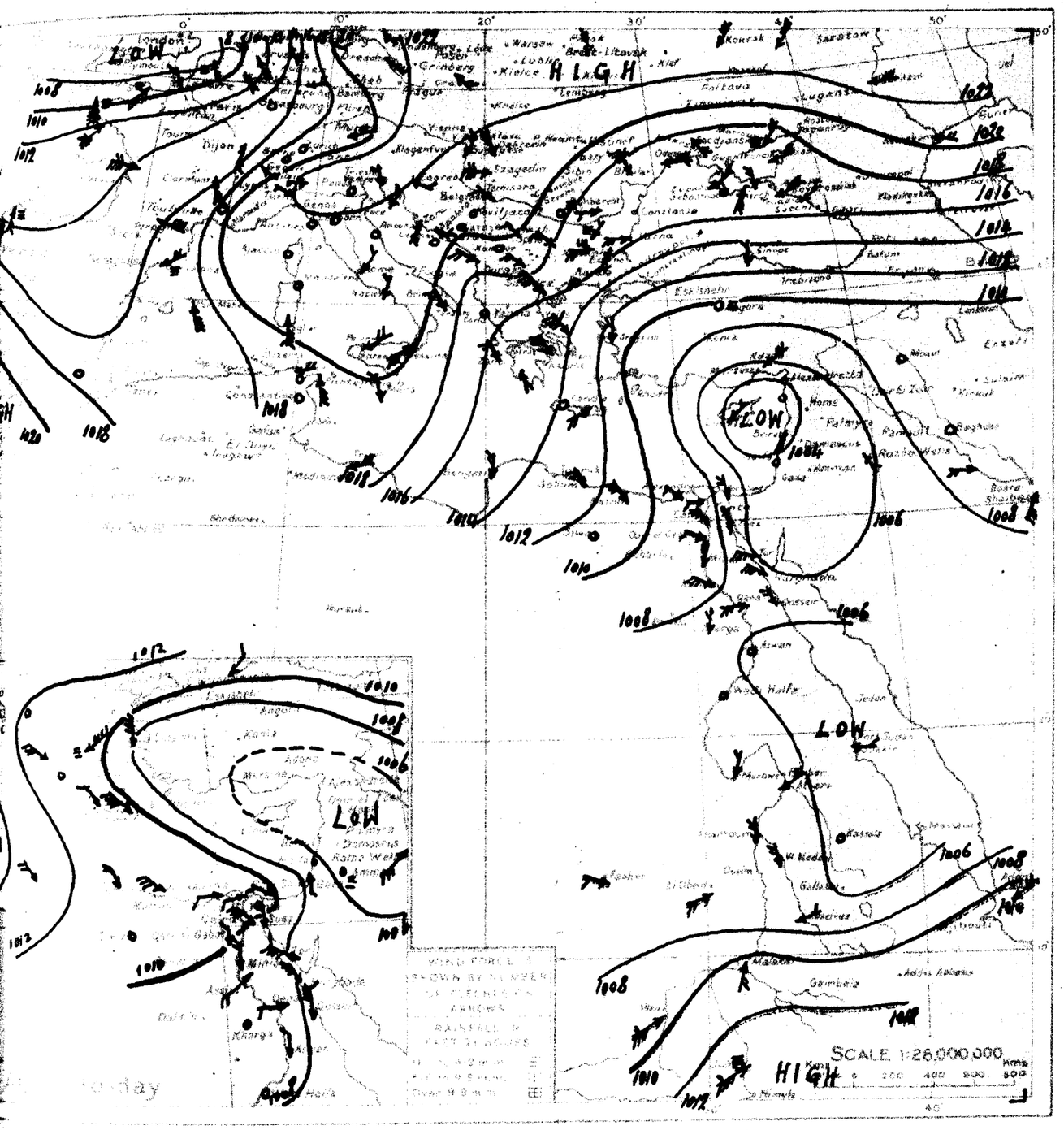
GAUGE	Date	Reading	Diff from normal	Reading	Diff from normal
	1931	m	m	m	m
Juba	24.5	13.62	+0.08	13.62	+0.07
Nasser	24.5	5.33	-1.37	5.30	-1.35
Malakal	24.5	9.85	-0.48	9.84	-0.41
Roseires	25.5	11.33	-0.87	11.38	-0.77
Sennar Res.	24.5	6.05	—	6.08	—
Makwar	24.5	4.37	-1.27	4.36	-1.25
Khartoum	24.5	9.77	-0.54	9.74	-0.54
Kh. el Girba					
Atbara	24.5	9.63	-0.36	9.63	-0.35
Wadi Halfa	24.5	0.84	-0.39	0.86	-0.37
Aswan Res.	24.5	107.18	—	107.28	—
" D.S.	24.5	85.18	-0.41	85.18	-0.40
El Leithi	25.5	16.79	-0.07	16.79	-0.07
Roda (Cairo)	25.5	15.79	+0.37	15.82	+0.44

PRINTED AT THE SURVEY OF EGYPT 1929(25/929/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١ - ٥ - ٢٤ Barometer and Wind at 8 h. Yesterday 24.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - ٥ - ٢٤ From Observations taken at 8 h. yesterday 24.5.31.

Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. to yesterday	Rainfall: Normal from Oct. to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
Rome	1021.0	-2.4	+6.4	NE	1	0	20	+3	—	25	—	14	—	60	—	—	—	647	—
Malta	1019.9	-1.1	+4.1	NNW	2	0	19	+1	—	22	-1	21	+5	60	—	0	337	422	1
Athens	1014.2	-2.4	+0.7	NW	3	0	24	0	—	—	—	—	—	40	—	—	—	342	—
Lancia	1012.3	-3.2	-1.5	WSW	2	1	24	-3	—	28	+3	17	0	—	—	0	516	452	3
Limassol	1003.8	-4.2	-8.2	NE	1	1	31	-1		36	+8	21	+6	—	—	0	389	454	0
Albara	1007.2	-0.4	-0.5	NE	2	1	32.5	-1.5	-1.1	42	0	26	+1	24	+9	0	0	7	—
Kassala	1005.9	+1.2	-2.3	—	0	3	30.0	-6.0	-1.9	44	+3	29	+4	53	+13	0	2	22	—
El Fasher	1007.2	+1.0	—	WNW	1	0	28.5	+0.5	+0.7	43	+5	20	0	13	-21	0	1	14	—
Wau	1009.9	+0.6	0.0	SW	5	1	25.3	+1.1	-0.1	33	-1	23	+2	77	+2	0	217	344	—
Juba	1012.6	+0.9	—	SW	5	2	25.3	+1.0	—	31	—	21	—	77	—	1	417	375	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 56

" " sunset 18 48

From Observations taken at 8h. to-day.

Tuesday 26th May, 1931 ١٩٣١ الثلاثاء ٢٦ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from 1st Oct. to yesterday	Normal from 1st Oct. to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.0	−0.2	−3.0	—	0	0	21.1	−1.0	−1.9	28		17		75	+10	0	57	100	0
	MATRUH	1011.2	+0.5	−2.4	NW	1	0	20.2	−1.0	−1.7	23	−3	16	−1	43?	−30	0	177	158	1
	ALEXANDRIA	1011.4	+0.3	−2.1	ENE	1	0	22.0	+1.0	−0.7	26	−1	18	−1	72	+1	0	96	190	1
	PORT SAID	1011.2	+0.9	−0.7	ENE	1	2	23.9	−0.4	−0.6	28	+1	21	+1	77	+9	0	62	81	1
	GAZA	—	—	—	—	0	0	20.9	−3.2	−3.7	28	+1	16	0	76	+12	0	250	375	
	HAIFA	1008.8	+1.8	−1.4	—	0	0	25.1	−1.1	0.0	28	−1	20	+2	73	+9	0	665	644	1
LOWER EGYPT	TANTA	1011.2	+0.6		NNE	1	0	25.0	+1.7		34		18		56		0	35		
	DELTA EZBEKIYA	1010.3	+0.1	−2.3	NE	1	0	28.1	+5.0	+4.1	34	+1	20	+2	61	−1	0	17	33	
	GIZA	1010.6	+0.3	−2.6	NNE	1	0	27.0	+4.7	—	35	+1	20	+4	37	—	0	21	30	
	HELWAN	1009.6	+0.5	−3.3	ENE	3	0	28.0	+4.8	+4.4	33	0	22	+4	27	−24	0	19	35	
	SIWA	1010.4	−0.8	−2.9	—	0	0	25.0	+2.5	+0.8	—	—	17	0	47	−2	0	38	7	
RED SEA	SUEZ	1008.8	+0.2	−3.5	N	3	1	26.5	+3.5	+2.5	34	+1	22	+3	45	−23	0	28	26	2
	TOR	1009.1	+1.5	−0.9	NW	3	0	24.3	−0.2	−1.2	36	+4	21	0	77	+6	0	11	14	3
	HURGHADA	1009.9	+1.9		N	4	0	27.8	−1.3		34		21		58		0	0		2
	QOSEIR	1009.1	+1.5		N	4	0	28.8	−0.8		30		25		57		0	15		4
UPPER EGYPT	GIRGA	1010.8	0.0	−2.1	N	1	0	28.0	+1.3	+2.3	35	0	19	+2	30	−18	0	17		
	MINIA	1009.8	0.0		NNE	2	0	25.5	+1.0	+0.6	36	+1	19	+2	51	−4				
	ASSIUT	1009.9	+0.1	−1.9	WSW	2	0	27.3	+0.1	+1.0	36	0	21	+1	36	−5	0	7		
	QENA	1009.5	+0.8		NE	1	0	28.9	−1.3	−0.8	41	+2	22	+1	29	−9				
	KHARGA	1009.0	+0.2		—	0	0	29.4	−1.4		39		20		30		0	1		
	ASWAN	1009.1	+0.4	−1.3	—	0	0	29.6	−0.4	−1.0	40	0	23	0	25	−5				
	[illegible]	1008.3	0.0	−1.7	—	0	4	28.0	−2.0	−1.3	41	+1	21	−1	26	+5				
	[illegible]	1007.6	−0.2	−1.1	NE	1	0	33.5	+2.5	−0.2	43	0	24	−1	24	+7	0	0	3	
	[illegible]	1007.5	−0.1	−0.1	N	4	0	35.0	+1.0	+1.3	42	0	26	+1	24	+9	0	0	7	
	[illegible]	1007.6	+0.4	−0.4	NE	2	0	32.0	−0.5	+0.1	41	−1	26	0	8	−22	0	3	7	
	[illegible]	1009.8	+4.3	+1.3	N	1	0	31.6	−1.5	−1.4	38	+2	25	+1	66	+25	0	29	109	1
	[illegible]	1005.8	+0.4	−2.3	N	2	1	35.2	+0.9	+4.2	44	+3	24	0	11	−21	0	11	25	
	[illegible]	1006.8	−0.2	−3.0	W	1	0	32.0	+0.5	+4.6	42	+4	26	+3	49	−4	0	62	100	
	[illegible]	1012.2	−0.4	+1.3	S	1	2	29.0	+4.0	+2.2	36	+1	24	+2	58	−12	0	149	190	

Time and Pressure of Observations: 8 30

Hour	Wind Force	Direction
0300	10	ENE
0900	5	NE
1500	5	N
2100	15	WSW
2400	55	WSW

General Situation

The depression is now situated over Iraq. There is little gradient of pressure over Egypt and the eastern Mediterranean.

يوجد الانخفاض الآن فوق العراق - وانحدار الضغط ضئيل فوق مصر وشرق البحر الابيض.

Forecast for 24 hours from noon to-day

North to northeast winds, light on the coast, light to moderate inland. Clear or occasional high cloud. Remaining warm.

رياح شمالية الى شمالية شرقية خفيفة - على الساحل وبعد الخفيفة والمعتدلة في الداخل - السماء صحو أو ظلل بالتقطع السحاب العالي احيانا - يستمر الطقس حارا.

STATION	Humidity Mean of Day Yester day	Diff. from normal	Wet Bulb Temperature Mean of Day Yester day	Diff. from normal
	%	%	°C	°C
Alexandria	86	+15	19.8	+1.5
Ezbekiya	61	+7	20.2	+0.2
Giza	63	+15	20.4	—
Helwan	45	+6	18.7	+2.5

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by Sudan P.W.D. per sec.

DATE	1931	1930
26.5	694	972
25.5	695	971

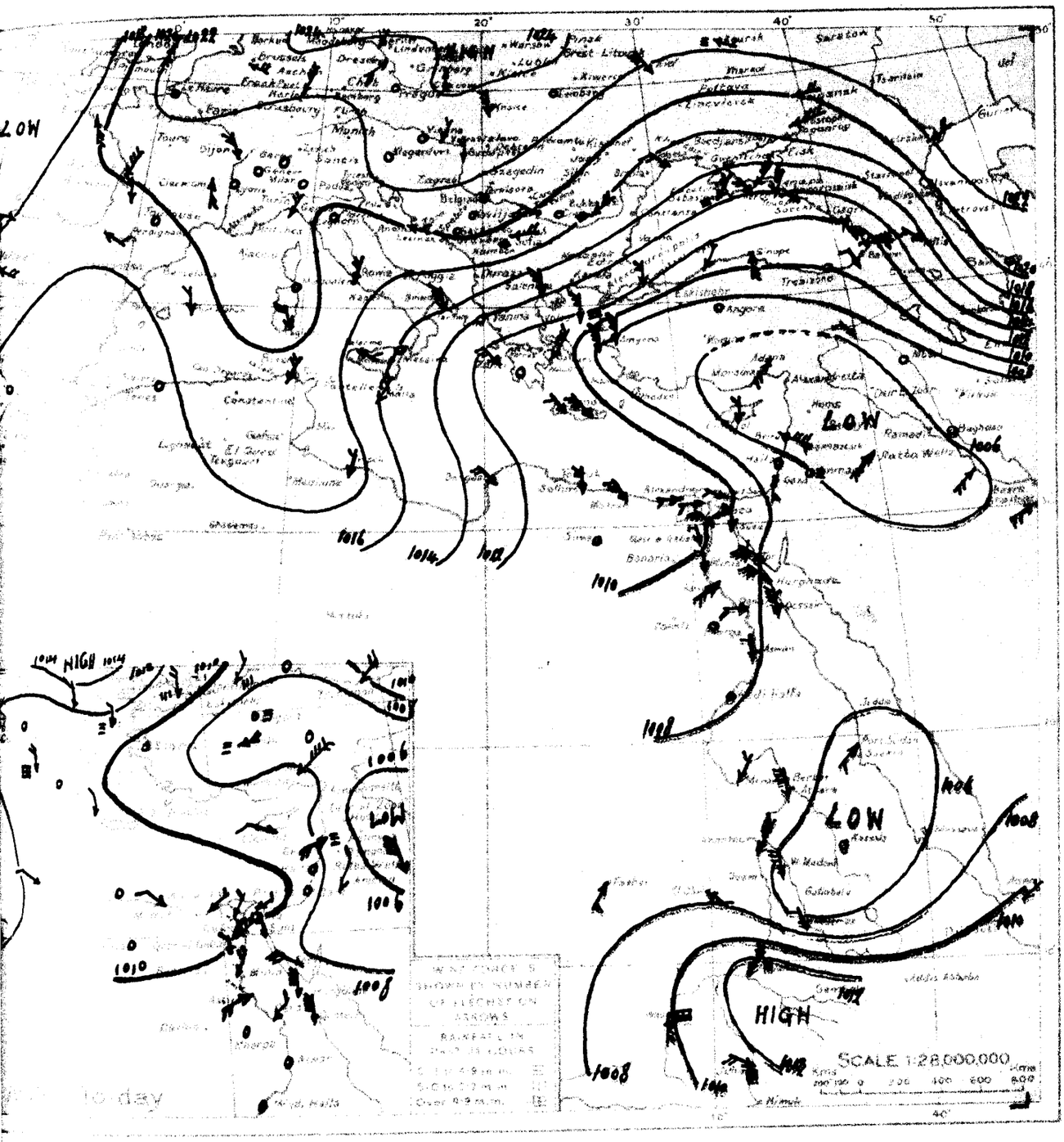
GAUGE	Date 1931	Reading	Diff. from normal	Rise	Diff. from normal
		m	m	m	m
Juba	25.5	13.72	+0.19	13.62	+0.08
Nasser	25.5	5.40	−1.35	5.33	−1.37
Malakal	25.5	9.84	−0.51	9.85	−0.44
Roseires	26.5	11.25	−1.00	11.33	−0.87
Sennar Res.	25.5	6.01	—	6.05	—
Makwar	25.5	4.35	−1.32	4.37	−1.27
Khartoum	25.5	9.78	−0.55	9.77	−0.54
Kh. el Girba					
Atbara	26.5	9.63	−0.38	9.67	−0.38
Wadi Halfa	26.5	0.80	−0.44	0.82	−0.41
Aswan Res.	26.5	106.93	—	107.05	—
" D.S.	26.5	85.18	−0.43	85.19	−0.41
El Leithi	26.5	16.79	−0.08	16.79	−0.07
Roda (Cairo)	26.5	15.79	+0.37	15.79	+0.34

PRINTED AT THE SURVEY OF EGYPT 1930/31/859/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٥-CO Barometer and Wind at 8 h. Yesterday 25.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٥-CO From Observations taken at 8 h. yesterday 25.5.31.

	BAROMETER Reduced to Sea Level	BAROMETER Change in last 3 hours	BAROMETER Diff. from normal	WIND Direction	WIND Speed	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 3 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Rain in last 24 hours	RAINFALL Total since 1st Jan.	RAINFALL Total since 1st Jan. yesterday	SEA
	mm	mm	mm				°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
CYPRUS	1018.4	-2.6	+3.7	NE	2	0	23	+3	—	28	—	16	50	—	—	—	649	—
MALTA	1015.9	-4.0	+0.1	NNE	2	0	19	0	—	24	+1	17	80	—	0	337	423	2
ATHENS	1010.5	-5.9	-3.2	NE	4	3	21	-3	—	—	—	18	50	—	—	—	342	—
CANDIA	1010.4	-1.9	-3.4	NW	4	1	23	-1	—	26	+1	19	+2	—	0	516	453	5
LIMASSOL	1005.9	+2.1	-6.0	N	1	0	27	-4	—	34	+6	19	+4	—	0	389	454	0
Kassala	1005.1	-0.8	-3.2	—	0	0	35.0	+5.0	+3.1	43	+2	25	0	37	-3	0	2	23	—
El Obeid	1007.8	0.0	-1.9	SE	1	2	30.0	-0.5	+0.7	41	+2	21	-1	22	-25	0	18	31	—
Malakal	1012.6	+2.3	+1.8	NE	2	4	25.0	-4.2	-1.8	37	+2	23	+1	81	+12	5	149	187	—
Wau	1009.8	-0.1	-0.2	S	2	4	26.2	+0.9	+0.8	36	+2	21	0	79	+4	15	232	349	—
Juba	1011.0	-1.0	—	WNW	2	2	24.2	-1.1	—	32	—	20	—	98	—	20	437	579	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 55 m

" " sunset 18 h 48 m

From Observations taken at 8h. to-day.

Wednesday 27th May, 1931 ١٩٣١ الاربعاء ٢٧ مايو

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1st to Yesterday	Normal Oct. 1st to Yesterday	SEA
		m.b	m.b	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.0	0.0	-3.0	NE	2	3	22.4	+1.3	-0.7	24	—	18	—	77	+12	0	57	101	4
	MATRUH	1010.4	-0.8	-3.2	NE	1	0	21.8	+1.6	-0.2	23	-3	17	0	37	-36	0	177	158	1
	ALEXANDRIA	[illegible]	-0.4	-2.5	NE	2	0	23.4	+1.4	+0.6	28	+1	18	-1	77	+6	0	96	190	1
	PORT SAID	1009.5	-1.7	-2.4	E	3	0	24.7	+0.8	+0.1	27	0	22	+2	73	+5	0	62	81	2
	GAZA	—	—	—	—	0	0	25.6	+4.7	+1.0	27	-1	15	-1	40	-24	0	250	376	—
	HAIFA	1008.8	0.0	-1.3	—	0	0	25.0	-0.1	-0.2	29	0	20	+2	62	-2	0	665	644	1
LOWER EGYPT	TANTA	1009.9	-1.3	—	N	1	0	26.1	+1.1	—	35	—	18	—	42	—	0	35		—
	CAIRO EZBEKIYA	1008.4	-1.9	-4.1	—	0	0	26.8	-1.3	+2.7	35	+2	19	+1	45	-17	0	17	33	—
	CAIRO GIZA	1008.4	-2.2	-4.7	—	0	0	24.2	-2.8	—	35	+1	16	0	58	—	0	21	30	—
	CAIRO HELWAN	1008.0	-1.6	-4.8	NNW	1	0	23.8	-4.2	+0.1	35	+2	19	+1	53	+2	0	19	35	—
	SIWA	1009.1	-1.3	-4.2	—	0	0	23.5	-1.5	-0.8	—	—	23?	+6	45	-8	0	38	7	—
RED SEA	SUEZ	1007.2	-1.6	-5.1	W	1	0	28.8	+2.3	+4.7	37	+4	21	+1	40	-28	0	28	26	0
	TOR	1007.4	-1.7	-2.5	—	0	0	28.2	+3.9	+2.6	31	-1	19	-2	38	-33	0	11	14	0
	HURGHADA	1008.7	-1.2	—	N	4	0	29.3	+1.5	—	34	—	19	—	50	—	0	0		2
	QOSSEIR	1008.8	-0.3	—	NW	5	3	28.9	+0.1	—	31	—	26	—	58	—	0	15		5
UPPER EGYPT	GERGE	1009.4	-1.4	-3.4	NW	1	0	27.0	-1.0	+1.2	36	+1	19	+2	23	-25	0	17		—
	MINYA	1008.4	-1.4	—	WSW	1	0	26.0	+0.5	+1.0	37	+2	19	+1	42	-13				—
	ASSIUT	1009.0	-0.9	-2.8	WSW	2	0	28.6	+1.3	+2.2	38	+2	20	0	33	-8	0	7		—
	QENA	1008.3	-1.2	—	NE	1	0	29.4	+0.5	-0.4	42	+3	22	+1	25	-13				—
	KIFFA	1008.3	-0.7	—	—	0	0	29.6	+0.2	—	40	—	18	—	27		0	1		—
	ASWAN	1008.2	-0.9	-2.1	—	0	3	31.8	+2.2	+1.1	42	+1	25	+2	29	-1				—
SUDAN	WADI HALFA	1007.9	-0.4	-2.1	—	0	[illegible]	28.6	+0.6	-0.8	43	+3	23	+1	26	+5				—
	SINNAR	1008.8	+1.2	+0.2	NE	2	0	33.0	-0.5	-0.7	44	+1	25	0	23	+6	0	0	4	—
	KHARTOUM	1007.5	0.0	-0.1	NE	3	0	34.8	-0.2	+1.1	44	+2	28	+3	24	+9	0	0	7	—
	KHARTOUM N.	1007.8	+0.2	-0.2	—	0	2	31.9	-0.1	0.0	42	0	26	0	9	-21	0	3	8	—
	PORT SUDAN	1008.7	-1.1	+0.2	E	1	0	32.0	+0.4	-1.1	35	-1	25	+1	54	+13	0	29	109	1
	KASSALA	1005.0	-0.3	-3.3	S	2	1	33.5	+2.5	+1.7	44	+3	28	+3	35	-6	0	2	23	—
	WAD MEDANI	1007.2	+1.4	-0.9	S	3	2	32.5	-2.7	+1.5	44	+3	23	-1	37	+4	0	11	25	—
	ROSEIRES	1009.3	+2.5	-0.5	SW	1	0	31.0	-1.0	+3.7	41	+4	28	+5	48	-6	0	62	102	—
	FASHER	1006.7	+0.1	—	WSW	1	0	28.0	+0.5	+0.2	41	+3	17	-4	17	-19	0	1	15	—
	EL OBEID																			
	MALAKAL																			
	ZIZ																			
	JUBA																			

TEMP. F. C. 120 110 100 90 80 70 60 50

PRESS. Mm. Mm. 775 770 765 760 755 750 745 740

Upper Air Observations

Height	Pressure	Direction
Helwan at 8 a.m.		
	8 30	
500	10	SSW
1000	10	SSW
1500	20	SW
2000	25	SW
3000	60	WSW

General Situation

Throughout Egypt and the eastern Mediterranean the pressure remains low. There is a shallow depression over the Gulf of Suez.

الحالة العامة

الضغط لا يزال منخفضا على عموم مصر وشرق البحر الابيض ويوجد انخفاض ضحل على خليج السويس.

Forecast for 24 hours from noon to-day.

Light to moderate winds, northeasterly on the coast, northwest to northeast inland. Mainly clear. Remaining warm.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم

رياح بين الخفيفة والمعتدلة شمالية شرقية على الساحل وما بين الشمالية الغربية والشمالية الشرقية في الداخل. السماء صحو في الغالب. ويستمر الطقس حارا.

STATION	Humidity Mean of Day Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	77	+6	20.0	+1.6
Ezbekiya	44	-10	20.3	+0.2
Giza	33	-15	18.8	—
Helwan	19	-20	17.6	+1.4

NOTE. A dash means that figures are not available.

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
27.5	695	972
26.5	694	972

GAUGE	Date 1931	Reading m	Diff. from normal m	Rise m	Diff. from normal m
Juba	26.5	13.63	+0.11	13.72	+0.19
Nassir	26.5	5.50	-1.30	5.40	-1.35
Malakal	26.5	9.84	-0.53	9.84	-0.51
Roseires	27.5	11.24	-1.06	11.25	-1.00
Sennar Res.	26.5	5.99	—	6.01	—
Makwar	26.5	4.33	-1.38	4.35	-1.37
Khartoum	26.5	9.77	-0.58	9.78	-0.55
Kh. el Girba					
Atbara	26.5	9.63	-0.38	9.62	-0.38
Wadi Halfa	27.5	0.79	-0.45	0.80	-0.44
Aswan Res.	27.5	106.83	—	106.93	—
" D.S.	27.5	85.18	-0.44	85.18	-0.43
El Leithi	27.5	16.79	-0.02	16.79	-0.01
Roda (Cairo)	27.5	15.79	+0.37	15.79	+0.37

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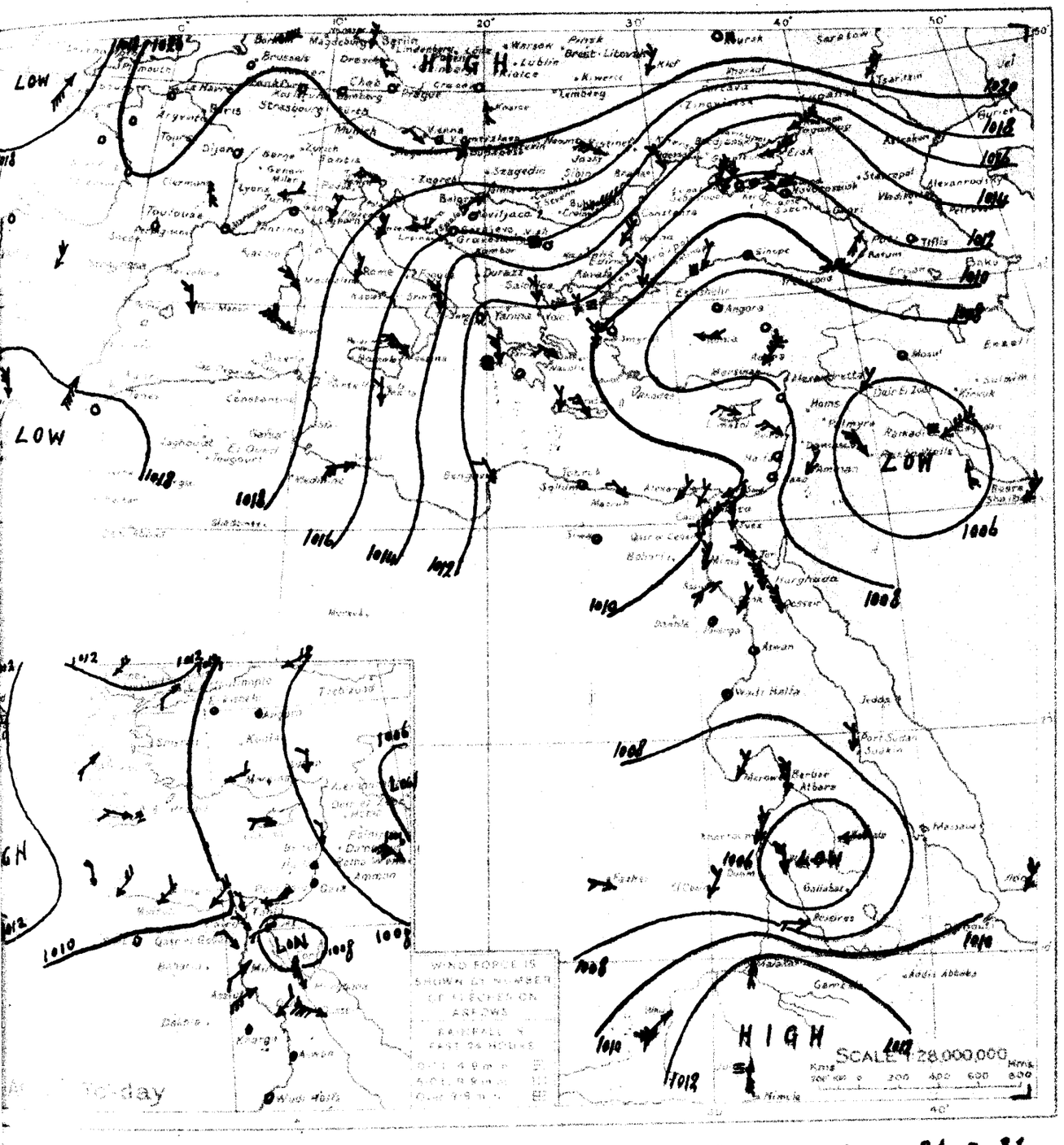
PHYSICAL DEPARTMENT.

REPORT.

٢١-٥-٣٦ Barometer and Wind at 8 h. Yesterday 26.5.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٥-٣٦ From Observations taken at 8 h yesterday 26.5.31.

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]	1017.1	-1.3	+2.4	NE	1	0	22	-1	—	31	—	17	—	50	—	—	651	—
[illegible]	1014.4	-1.5	-1.5	N	1	1	22	+3	—	23	-1	18	+2	50	—	0	337	423	1
[illegible]	1011.1	+0.8	-2.4	WNW	1	4	21	0	—	—	—	18	+1	60	—	—	—	343	—
[illegible]	1010.6	+0.2	-3.2	NW	2	1	22	-1	—	20	-5	19	+2	—	—	0	516	453	3
[illegible]	1009.1	+3.2	-2.8	WNW	1	0	23	-4		31	+3	12	-3	—	—	0	389	455	1
Kassala	1005.3	+0.2	-3.0	E	1	0	31.0	-4.0	-0.8	44	+3	23	-2	48	+8	0	2	23	—
El Fasher	1006.6	-0.6	—	WNW	1	2	27.5	-0.5	-0.3	41	+3	20	-1	16	-19	0	1	14	—
El Obeid	1007.8	0.0	-1.9	NE	1	1	31.4	+1.4	+2.1	41	+2	21	-1	21	-26	0	18	32	—
Wau	1010.3	+0.5	+0.3	SW	7	1	26.0	-0.2	+0.6	33	-1	22	+1	73	-2	0	232	353	—
Juba	1012.4	+1.4	—	S	3	3	25.2	+1.0	—	32	—	22	—	79	—	2	439	382	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 55

" " sunset 18 49

From Observations taken at 8h. to-day.

Thursday 28th May, 1931

الخميس ٢٨ مايو ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C			mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1011.9	+0.9	-2.0	ENE	1	0	21.7	-0.7	-1.5	25		17		66	-5	0	57	101	2
	MATRUH	1012.2	+1.8	-1.4	NE	1	0	20.8	-1.0	-1.3	23	-3	17	0	41	-32	0	177	158	0
	ALEXANDRIA	1011.6	+0.6	-1.8	N	1	2	21.9	-1.5	-1.0	27	0	18	-1	86	+15	0	96	190	1
	PORT SAID	1010.4	+0.9	-1.4	NNE	2	0	25.7	+1.0	+1.1	27	0	21	+1	70	+2	0	62	81	2
	GAZA	—	—	—	NW	1	0	25.1	-0.5	+0.4	30	+2	18	+2	73	+9	0	250	376	
	HAIFA	1006.8	-2.0	-3.3	—	0	0	22.8	-2.2	-2.5	30	+1	19	+1	73	+9	0	665	644	1
LOWER EGYPT	TANTA	1010.8	+0.9		N	1	0	24.9	-1.2		36		17		62		0	35		
	CAIRO EZBEKIYA	1010.3	+1.9	-2.2	NE	1	0	24.3	-2.5	+0.1	37	+4	19	+1	66	+4	0	17	33	
	CAIRO GIZA	1010.0	+1.6	-3.1	—	0	0	24.0	-0.2	—	38	+4	17	+1	68	—	0	21	30	
	CAIRO HELWAN	1009.9	+1.9	-2.9	NNE	1	0	24.0	+0.2	+0.2	37	+4	19	+1	67	+16	0	19	35	
	SIWA	1011.8	+2.7	-1.4	—	0	0	25.0	+1.5	+0.6	—	—	19	+2	87	+34	0	38	7	
RED SEA	SUEZ	1008.8	+1.6	-3.4	N	3	0	23.5	-5.3	-0.7	33	0	20	0	74	+6	0	28	26	3
	TOR	1008.4	+1.0	-1.4	—	1	0	25.0	-3.2	-0.7	31	-1	21	0	76	+5	0	11	14	1
	HURGHADA	1008.6	-0.1	—	NNW	3	0	27.4	-1.9		33		20		81		0	0		1
	QOSSEIR	1007.5	-1.3	—	NW	4	0	31.2	+2.3	—	31	—	24	—	41		0	15		4
UPPER EGYPT	GEBEL	1011.0	+1.6	-1.8	N	2	0	25.4	-1.6	-0.5	37	+2	19	+2	57	+9	0	17		
	MINYA	1010.0	+1.6		NNE	1	0	24.5	-1.5	-0.6	38	+3	20	+2	64	+8				
	ASSIUT	1010.6	+1.6	-1.1	WSW	2	0	27.4	-1.2	+0.9	39	+3	22	+2	40	-1	0	7		
	QENA	1009.3	+1.0		W	2	0	30.2	+0.8	+0.3	43	+4	24	+3	28	-10				
	KHARGA	1009.3	+1.0		NNE	1	0	30.3	+0.7		42		26		29		0	1		
	ASWAN	1007.4	-0.8	-2.8	—	0	0	30.0	-1.8	-0.8	44	+3	26	+3	23	-7				
UPPER SUDAN	WADI HALFA	1007.0	-0.9	-2.9	—	0	[illegible]	31.6	+3.0	+2.2	45	+5	22	0	13	-8				
	MEROWE	1007.2	-1.6	-1.4	NE	2	0	32.5	-0.5	-1.3	45	+2	23	-2	10	-7	0	0	4	
	ATBARA	1007.8	+0.3	+0.3	NE	2	0	34.0	-0.8	+0.2	44	+2	26	+1	26	+11	0	0	7	
	KHARTOUM	1006.6	-1.2	-1.5	ENE	1	2	33.0	+1.1	+1.1	44	+2	27	+1	10	-21	0	3	8	
	PORT SUDAN	1008.0	-0.7	-0.4	SW	1	0	36.2	+4.2	+2.9	35	-2	29	+5	26	-15	0	29	109	1
	KASSALA AND MEDANI RIVER RES.	1006.4	-0.8	-1.8	S	2	0	34.0	+1.5	+3.1	43	+2	24	0	31	-2	0	11	25	
	EL FASHER	1006.0	-0.7		WSW	1	1	32.0	+4.0	+4.2	42	+4	19	-2	6	-30	0	1	15	
	EL OBEID	1008.2	-0.9	-1.5	WSW	3	4	32.0	+1.5	+2.8	41	+2	23	+1	46	-2	0	18	32	
	WADI HALFA	1011.1	-1.9	+0.1	SSE	2	3	28.4	+2.2	+1.8	39	+4	26	+4	68	-3	trace	149	196	
	ABU HAMAD																			
	DONGOLA																			

Upper Air Observations

At Khartoum at	Speed in Knots per hour	Direction
	8	15
500	0	—
1000	5	NNW
1500	15	NNW
2000	15	W
3000	45	WSW

General Situation

Pressure is rising but remains below normal and decreases from western Egypt to a depression over southern Iraq. There is also a shallow depression between Malta and Greece.

الضغط يرتفع ولكنه لا يزال دون المعدل وهو آخذ في الهبوط ابتداء من غرب مصر نحو انخفاض فوق جنوب العراق - وهناك ايضا انخفاض قريب الغور بين مالطة واليونان .

Forecast for 24 hours from noon to-day.

Light variable winds chiefly northerly.
Occasional high cloud.
Normal temperature.

رياح مختلفة الاتجاه اكثرها شمالية .
تظهر بعض السحب العالية احيانا .
درجة الحرارة حوالى المعدل .

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Air Temperature Mean of Day Yesterday	Air Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	81	+10	21.1	+2.6
Ezbekiya	45	-9	19.8	-0.3
Giza	52	+4	19.5	—
Helwan	42	+3	18.2	+1.9

NOTE. A dash means that figures are not available.

Remarks

Discharges at Aswan measured by sluices in m³ per sec

DATE	1931	1930
28.5	696	971
27.5	695	972

GAUGE	Date 1931	Reading m	Diff from normal m	Reading m	Diff from normal m
Juba	26.5	13.63	+0.11	13.72	+0.19
Nasser	26.5	5.50	-1.30	5.40	-1.35
Malakal	27.5	9.84	-0.54	9.84	-0.53
Roseires	28.5	11.22	-1.12	11.24	-1.06
Sennar Res.	27.5	6.11	—	5.99	—
Makwar	27.5	4.40	-1.35	4.33	-1.38
Khartoum	27.5	9.78	-0.59	9.77	-0.58
Kh. el Girba					
Atbara	27.5	9.64	-0.38	9.63	-0.38
Wadi Halfa	28.5	0.79	-0.45	0.79	-0.45
Aswan Res.	28.5	106.71	—	106.83	—
" D.S.	28.5	85.18	-0.45	85.18	-0.44
El Leithi	28.5	16.79	-0.08	16.79	-0.08
Roda (Cairo)	28.5	15.77	+0.33	15.79	+0.37

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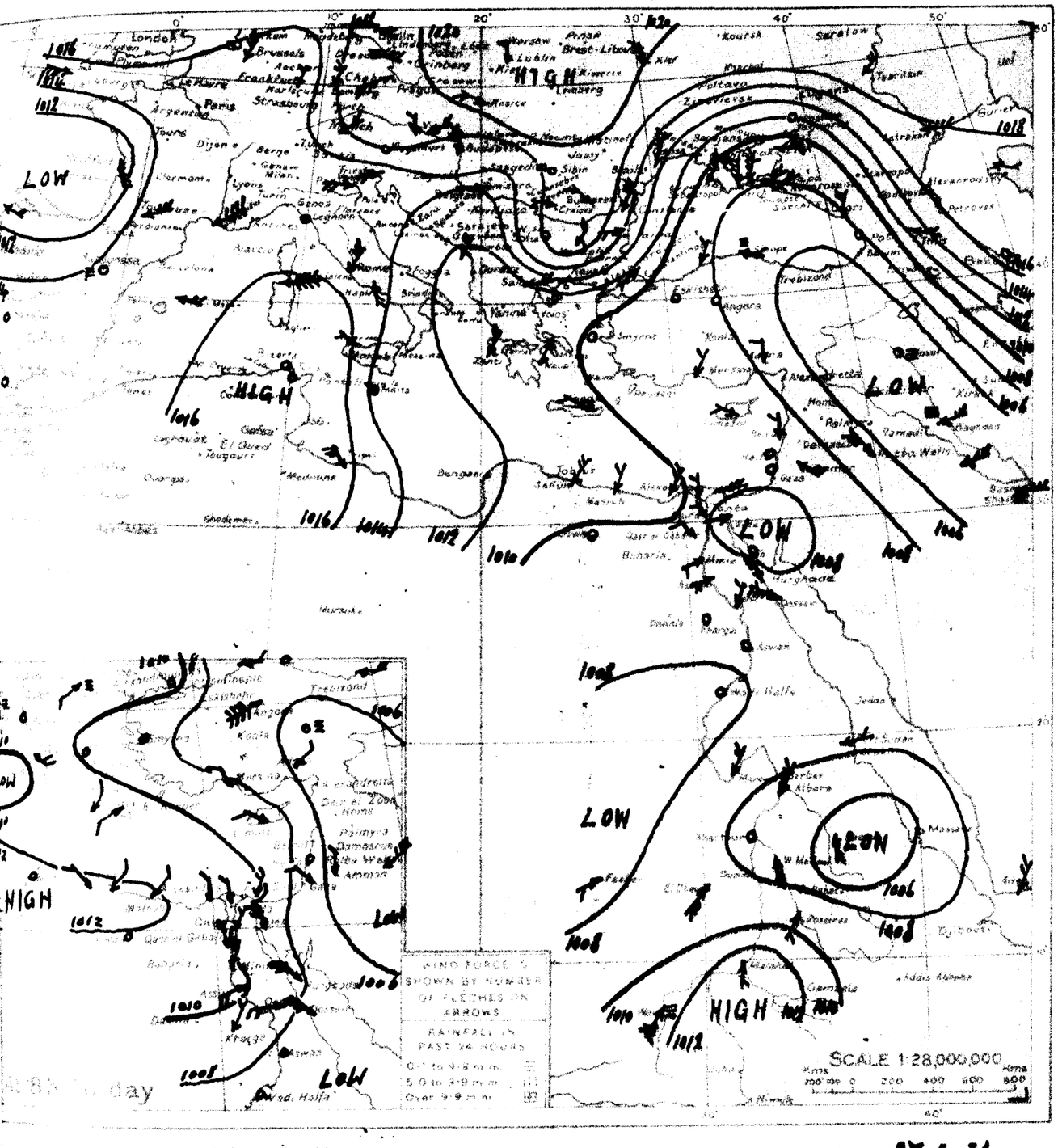
PHYSICAL DEPARTMENT.

REPORT.

.٢١-٥-٢٧ Barometer and Wind at 8 h. Yesterday 27.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

.٢١-٥-٢٧ From Observations taken at 8 h. yesterday 27.5.31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal		At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1st to yesterday	Normal (from Oct. 1st to yesterday)	
		mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C		%		m.m.	m.m.	m.m.	
MEDITERRANEAN	Rhodes	1014.2	-2.9	-0.5	NE	3	0	22	0	—	30	—	17	—		50	—	—	—	653	—
	Beirut	1013.5	-0.9	-2.4	—	0	0	24	+2	—	26	+2	19	+3		60	—	0	337	423	0
	Athens	1011.0	-0.1	-2.5	SSW	1	2	21	0	—	—	—	—	—		60	—	—	—	344	—
	Canea	1011.4	+0.8	-2.4	WNW	1	1	23	+1	—	26	+1	15	-2		—	—	3	519	454	2
	Limassol	1009.1	0.0	-2.7	WNW	1	0	24	+1		28	0	13	-2		—	—	0	389	455	0
EGYPT and SUDAN	El Obeid	1009.1	+1.3	-0.6	SW	3	2	30.5	-0.9	+1.2	42	+3	22	0		47	-1	0	18	32	—
	Malakal	1013.0	+0.8	+2.1	S	1	2	26.2	-2.4	-0.5	36	+1	23	+1		68	-2	0	149	193	—
	Wau	1010.7	+0.4	+0.7	SSW	6	1	23.3	-0.7	-0.1	33	-1	23	+2		74	-2	1	233	358	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 55

" " sunset 18 49

From Observations taken at 8h. to-day.

Friday 29th May, 1931 ١٩٣١ الجمعة ٢٩ مايو

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Max. yesterday	Diff from normal	Min. yesterday	Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Sept.	Rainfall Total last year to date	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
		1013.3																		
MEDITERRANEAN	SOLLUM	1011.9	0.0	-2.0	—	0	0	22.2	+0.5	-1.1	26		17		66	+1	0	57	101	0
	MATRUH	1011.2	-1.0	-2.3	NE	1	0	22.2	+1.4	0.0	23	-3	16	-1	72	-2	0	177	158	0
	ALEXANDRIA	1011.4	-0.2	-2.0	—	0	2	24.3	+2.4	+1.3	26	-1	18	-1	63	-8	0	96	190	0
	PORT SAID	1010.7	+0.3	-1.1	NNE	1	0	24.0	-1.7	-0.7	29	+2	20	0	67	-1	0	62	81	1
	GAZA	—	—	—	—	0	0	24.4	-0.7	-0.4	28	0	17	+1	72	+8	0	250	376	
	HAIFA	1008.3	+1.5	-1.7	—	0	0	26.2	+3.4	+0.9	30	+1	20	+2	63	-1	0	665	645	1
LOWER EGYPT	TANTA	1011.1	+0.3		NW	1	2	23.4	-1.5		33		18		68		0	35		
	EZBEKIYA	1009.9	-0.4	-2.6	NNW	2	0	23.8	-0.5	-0.5	34	+1	19	+1	61	-1	0	17	33	
	GIZA	1010.2	+0.2	-2.8	NNW	2	0	23.0	-1.0	—	34	0	16	0	67	—	0	21	30	
	HELWAN	1009.6	-0.3	-3.2	NW	1	0	23.3	-0.7	-0.6	33	0	19	+1	52	0	0	19	35	
	FIWA	1010.6	-1.2	-2.6	—	0	0	24.5	-0.5	0.0	—	—	19	+2	53	0	0	38	7	
RED SEA	SUEZ	1007.5	-1.3	-4.7	N	2	0	23.5	0.0	-0.7	34	+1	20	0	73	+5	0	28	26	1
	TOR	1008.0	-0.4	-1.8	NW	4	0	25.3	+0.3	-0.4	36	+4	23	+2	74	+3	0	11	14	4
	HURGHADA	1008.0	-0.6		NNW	4	0	28.2	+0.8		35		22		52		0	0		2
	QOSSEIR	1007.6	+0.1		NW	5	0	29.0	-2.2		31		26		58		0	15		5
UPPER EGYPT	[illegible]	1011.0	0.0	-1.8	N	1	0	26.0	+0.6	0.0	34	-1	19	+2	42	-6	0	17		
	[illegible]	1009.9	-0.1		NNE	2	0	28.0	+3.5	+2.9	35	0	19	+1	33	-23				
	[illegible]	1009.8	-0.8	-1.8	WNW	2	0	26.0	-1.4	-0.5	36	0	20	0	45	+4	0	7		
	[illegible]	1008.4	-0.9		WNW	2	0	27.7	-0.5	-0.3	42	+2	22	+1	30	-8				
	[illegible]	1008.4	-0.9		—	0	0	27.3	-1.0		40		22		32		0	1		
	[illegible]	1007.8	+0.4	-2.3	NNE	1	1	30.5	+0.5	-0.3	43	+2	25	+2	17	-13				
	[illegible]	1006.8	-0.2	-3.0	—	0	4	30.0	-1.6	+0.5	46	+6	23	+1	21	0				
	[illegible]	1005.6	-1.6	-2.9	SW	1	0	34.0	+1.5	+0.2	46	+3	27	+2	8	-9	0	0	4	
	[illegible]	—	—	—	E	2	1	36.0	+2.0	+2.2	43	+1	28	+3	15	0	0	0	8	
	[illegible]	1004.0	-2.6	-4.1	NE	1	0	34.2	+1.2	+2.3	44	+2	28	+2	13	-18	0	3	8	
	[illegible]	1005.1	-2.9	-3.2	SE	2	0	36.2	0.0	+2.8	39	+2	20	-5	35	-5	0	29	109	2
	[illegible]	1004.8	-0.6	-3.6	—	0	0	33.5	+1.0	+1.8	43	+3	29	+4	45	+4	0	2	24	
	[illegible]	1006.8	+0.4	-1.4	S	2	2	33.6	-0.4	+2.7	43	+2	23	-1	30	-4	0	11	26	
	[illegible]	1007.9	+0.4	-2.1	ESE	1	2	31.0	0.0	+4.4	42	+5	28	+5	51	-4	0	62	106	
	[illegible]	1004.3	-1.7		SSW	1	2	29.0	-3.0	+1.2	43	+4	17	-2	37	0	0	1	5	
	[illegible]	1007.1	-1.1	-2.7	SW	2	2	31.0	-1.0	+1.8	42	+3	24	+2	48	-1	0	18	33	
	[illegible]	1010.4	-0.7	-0.6	SE	2	4	27.6	-0.8	+1.0	38	+4	26	+4	59	-12	tr.	149	199	
	[illegible]	1009.8	+0.7	-0.3	SSW	7	1	27.0	-0.8	+1.7	35	+1	24	+3	69	-7	0	233	367	
	[illegible]	1011.6	-0.8		SSW	4	2	24.1	-1.4		33		21		83		14	472	393	

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day Yesterday	Humidity Diff from normal	Air Bulb Temperature Mean of Day Yesterday	Air Bulb Temperature Diff from normal
	%	%	°C	°C
Alexandria	19	-52	20.1	+1.5
Ezbekiya	55	+1	19.8	-0.4
Giza	57	+9	19.6	—
Helwan	55	+16	19.4	+3.0

NOTE. A dash means that figures are not available.

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" " Abroad PT 150

Remarks

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

DATE	1931	1930
27.5	696	975
28.5	696	971

GAUGE	Date 1931	Reading m	Diff from normal m	Rise m	Rise m
Juba	28.5	13.74	+0.23	14.10	+0.58
Nasser	28.5	5.75	-1.15	5.66	-1.19
Malakal	29.5	9.86	-0.55	9.84	-0.56
Roseires	29.5	11.18	-1.18	11.22	-1.12
Sennar Res.	29.5	6.17	—	6.16	—
Makwar	29.5	4.45	-1.35	4.44	-1.33
Khartoum	29.5	9.85	-0.56	9.80	-0.69
Kh. el Girba					
Atbara	29.5	9.66	-0.38	9.65	-0.38
Wadi Halfa	29.5	0.80	-0.45	0.79	-0.45
Aswan Res.	29.5	106.56	—	106.71	—
" D.S.	29.5	85.19	-0.45	85.18	-0.45
El Leithi	29.5	16.79	-0.09	16.77	-0.06
Roda (Cairo)	29.5	15.75	+0.32	15.77	+0.35

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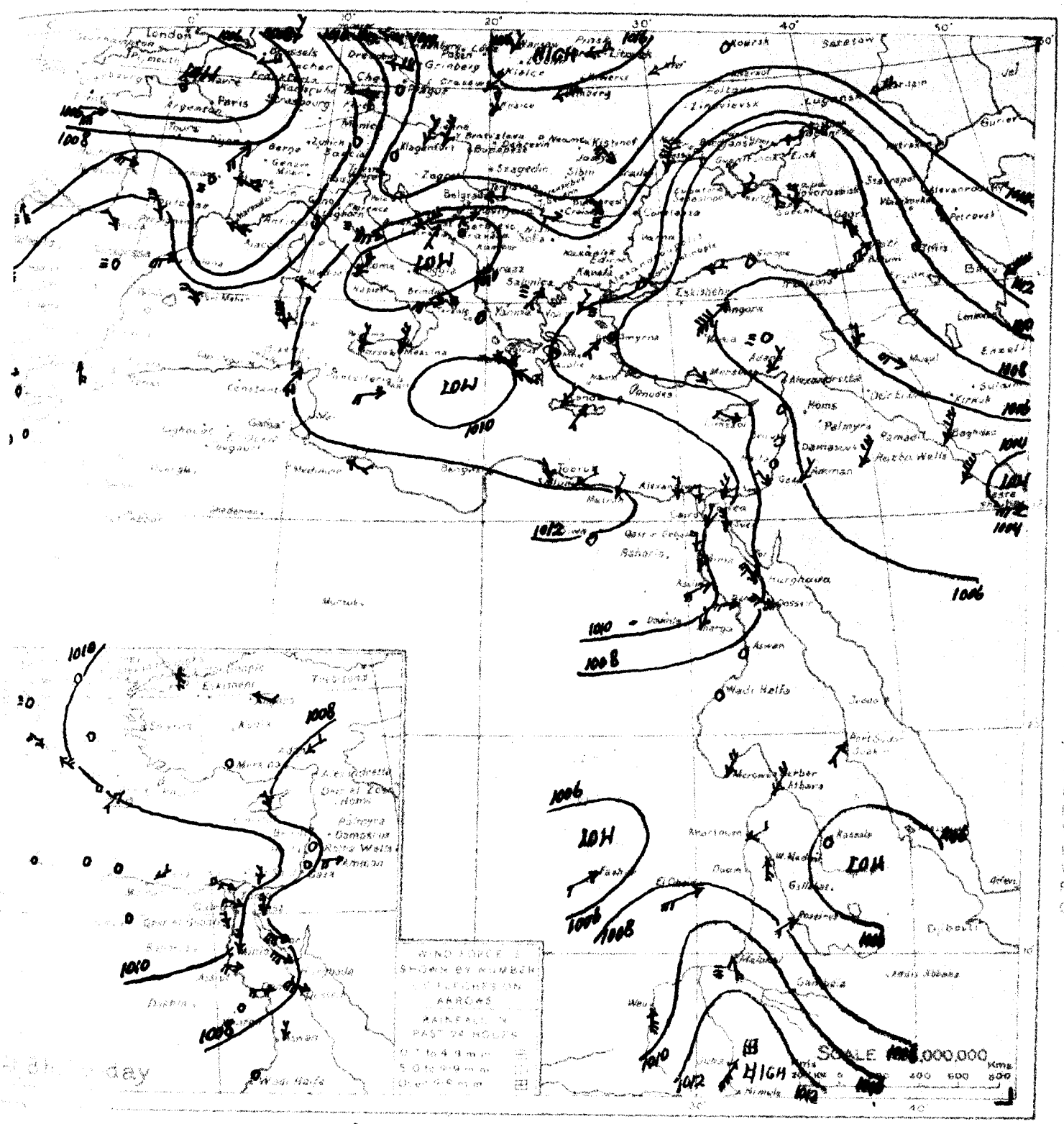
PHYSICAL DEPARTMENT.

REPORT.

٣١-٥-٢٨ Barometer and Wind at 8 h. Yesterday 28.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٥-٢٨ From Observations taken at 8 h yesterday 28.5.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change past 24 hours	Diff. from normal	Direction	Force		At 8 h	Change past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	At 8 h	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
ALEXANDRIA	1009.4	-4.8	-5.3	NE	2	4	24	+2	—	31	—	18	—	40	—	—	—	655	—
MERSA MATRUH	1011.5	-2.0	-4.4	WSW	2	1	23	-1	—	28	+4	20	+3	60	—	0	337	424	1
SOLLUM	1009.8	-1.2	-3.7	—	0	0	21	0	—	—	—	17	0	70	—	—	—	344	—
CANDIA	1011.1	-0.3	-2.7	SW	1	0	23	0	—	26	+1	16	-1	—	—	0	519	455	1
LARNACA	1008.3	-0.8	-3.3	WNW	1	0	25	+1		28	0	16	+1	—	—	0	389	456	2
Kassala كسلا	1005.4	+0.4	-2.9	—	0	0	32.5	-1.0	+0.8	43	+3	29	+4	49	+8	0	2	24	—
Roseires روصيرص	1007.5	-1.8	-2.4	WSW	1	0	31.5	+0.5	+4.3	41	+4	28	+5	46	-8	0	62	104	—
Wau واو	1009.1	-1.6	-1.0	S	4	1	27.8	+2.5	+2.5	33	-1	24	+3	71	-5	0	233	363	—
Juba جوبا	1012.4	-0.4	—	SSW	4	2	25.5	+0.4	—	33	—	22	—	83	—	19	455	389	—

EGYPT and SUDAN

MEDITERRANEAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 55

" sunset 18 50

From Observations taken at 8h. to-day.

Saturday 30th May, 1931 ١٩٣١ السبت ٣٠ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Normal to 1st Oct.	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.4	+0.5	-1.4	ENE	2	0	23.1	+0.9	-0.3	27		17		65	0	0	57	101	3
	MATRUH	1010.7	-0.5	-2.8	SE	3	2	23.4	+1.2	+1.1	24	-2	18	+1	70	-4	2	179	158	2
	ALEXANDRIA	1010.8	-1.4	-3.3	E	2	1	22.0	-2.3	-1.1	27	0	18	-1	76	+5	0	96	190	2
	PORT SAID	1011.4	+0.7	-0.4	SE	3	0	24.1	+0.1	-0.7	26	-2	20	0	71	+3	0	82	81	2
	GAZA	—	—	—	—	0	0	23.7	-0.7	-1.1	27	-1	16	0	65	+1	0	250	376	
	HAIFA	1011.2	+2.9	+1.2	—	0	0	26.0	-0.2	+0.6	28	-1	20	+2	64	-1	0	665	645	1
LOWER EGYPT	TANTA	1011.8	+0.7		ESE	1	0	24.3	+0.9		32		18		60		0	35		
	EZBEKIYA	1010.4	+0.5	-2.0	—	0	0	27.8	+4.0	+3.4	33	-1	20	+2	39	-23	0	17	33	
	GIZA	1010.7	+0.5	-2.3	—	0	0	26.2	+3.2	—	33	-1	17	+1	41	—	0	21	30	
	HELWAN	1010.8	+1.2	-2.0	—	0	0	26.5	+3.2	+2.6	32	-1	21	+3	43	-9	0	19	35	
	SIWA	1008.8	-1.8	-4.3	—	0	0	25.5	+1.0	-0.9	—	—	21	+4	42	-11	0	38	7	
RED SEA	SUEZ	1009.9	+2.4	-2.2	N	1	0	23.0	-0.5	-1.3	34	+1	20	0	73	+4	0	28	26	0
	TOR	1009.5	+1.5	-0.2	NW	5	0	25.0	-0.3	-0.8	34	+2	23	+2	76	+5	0	11	14	4
	HURGHADA	1010.2	+2.2		N	4	0	27.9	-0.3		33		22		60		0	0		2
	QOSSEIR	1009.8	+2.2		N	5	0	29.7	+0.7		31		24		51		0	15		5
UPPER EGYPT	SEBAIL	1011.8	+0.8	-1.0	E	1	0	26.4	+0.4	+0.4	34	-1	19	+2	53	+5	0	17		
	MINYA	1011.0	+1.1		NNE	2	0	26.5	-1.5	+1.3	35	0	19	+1	49	-7				
	ASSIUT	1010.8	+1.0	-0.8	WSW	2	0	27.7	+1.7	+1.1	37	+1	22	+2	35	-6	0	7		
	QENA	1009.5	+1.1		N	2	0	29.7	0.0	-0.3	42	+2	24	+3	32	-6				
	KHARGA	1009.3	+0.9		—	0	0	31.4	+2.1		39		23		28		0	1		
	ASWAN	1008.4	+0.6	+1.6	—	0	0	31.4	+0.9	+0.5	41	0	25	+1	26	-4				
SUDAN	WADI HALFA	1007.4	+0.6	-2.4	—	0	0	32.8	+2.8	+3.3	44	+4	22	0	24	+3				
	MEROWE	1008.6	+3.0	+0.1	SW	4	0	32.0	-2.0	-1.8	46	+3	27	+2	11	-6	0	0	4	
	ATBARA	1009.4	—	+2.0	NE	3	1	33.0	-3.0	-0.8	44	+2	26	+1	21	+6	0	0	8	
	KHARTOUM	1009.0	+5.0	+0.9	S	4	4	32.0	-2.2	+0.1	47	+5	25	-1	27	-4	rain	3	8	
	PORT SUDAN	1010.4	+5.3	+2.2	NE	1	2	34.7	-1.5	+1.2	39	+2	28	+3	26	-14	0	29	109	1
	KASSALA																			
	WAD MEDANI	1008.0	+1.2	-0.2	S	3	3	35.0	+1.4	+4.1	44	+3	23	-1	17	-18	0	11	26	
	ROSEIRES	1008.4	+0.5	-1.6	NW	1	3	29.0	-2.5	+2.0	40	+3	27	+4	52	-3	0	62	108	
	EL FASHER	1005.5	+1.2		WSW	1	1	28.5	-0.5	+0.7	43	+4	24	+3	45	+8	0	1	15	
	EL OBEID																			
	KORDOFAN	1012.6	+2.2	+1.5	E	2	2	27.0	-0.6	+0.4	35	+1	22	0	66	-5	11	160	201	
	FASHODA																			
	JUBA																			

Upper Air Observations at Helwan at 8 15

Height in Metres	Knots per hour	Direction
500	15	ESE
1000	15	NNE
1500	15	NW
2000	20	NW
3000	20	W

General Situation

Pressure distribution is changeable. There is a weak high pressure northwest of Egypt, and there appears to be a shallow depression over the western desert. There is also a shallow depression over Asia Minor.

توزيع الضغط متغير حيث يوجد ارتفاع ضعيف فى غرب مصر ويظهر ان هناك انخفاضا ضئيلا على الصحراء الغربية ويوجد ايضا انخفاض قليل الغور على اسيا الصغرى.

Forecast for 24 hours from noon to day.

Light to moderate winds, variable in direction, chiefly northeast to east. Clear at first, some high cloud later. Warm.

رياح مختلفة الاتجاه بين الخفيفة والمعتدلة غالبا شمالية شرقية الى شرقية - السماء صحو فى الابتداء ثم يظهر بعد السحب العالى فيما بعد - الطقس حار.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Actual Temperature Mean of Day: Yesterday	Actual Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	84	+13	20.1	+1.4
Ezbekiya	55	+1	19.7	-0.5
Giza	60	+12	19.6	—
Helwan	45	+6	18.3	+1.8

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m3 per sec

DATE	1931	1930
30.5	697	974
29.5	696	975

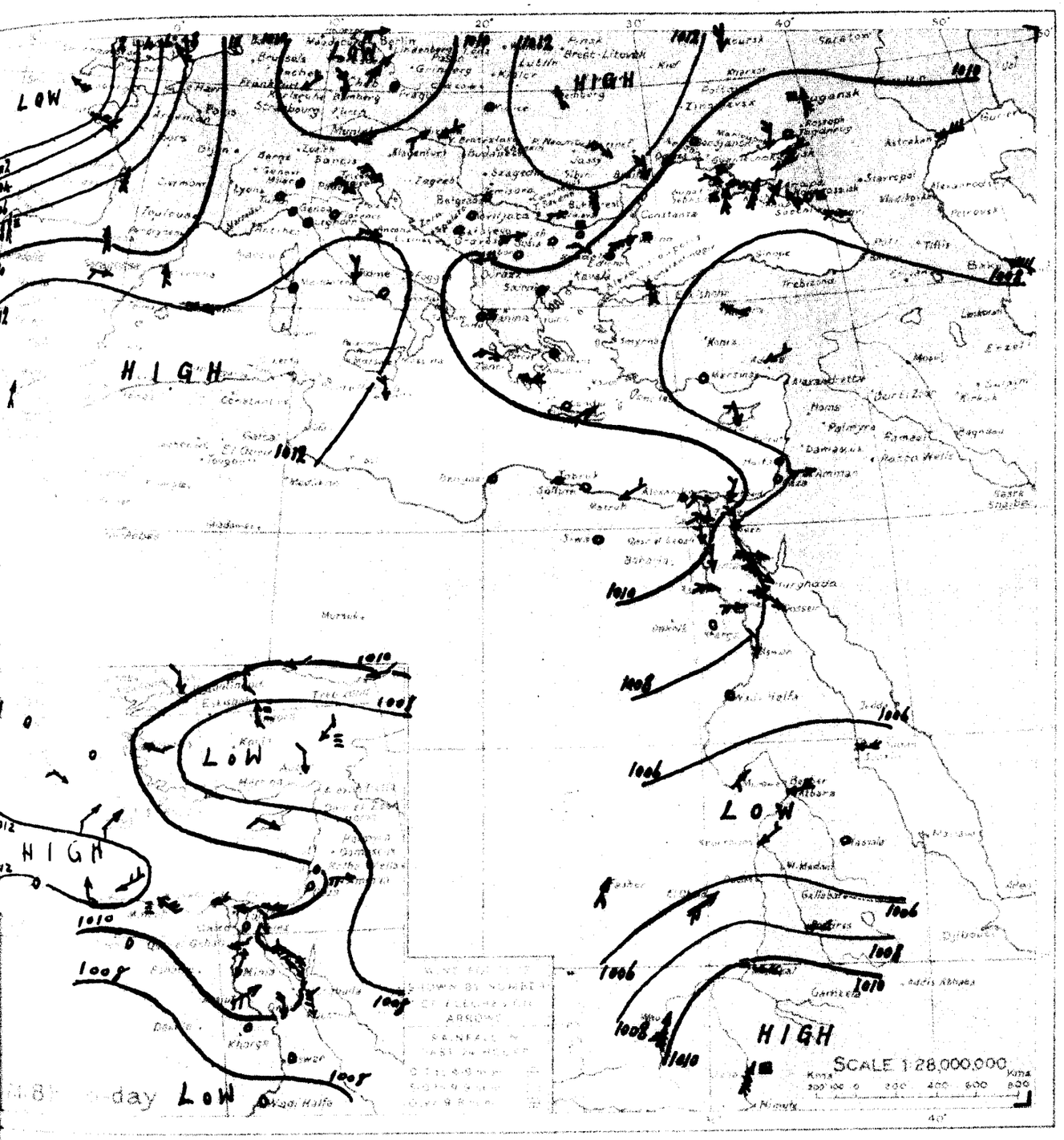
STATION	Date 1931	Reading	Diff. from normal	Previous	
		m	m	m	m
Juba	29.5	13.66	+0.15	13.74	+0.23
Nasser	28.5	5.75	-1.15	5.66	-1.19
Malakal	29.5	9.86	-0.55	9.84	-0.56
Roseires	29.5	11.18	-1.18	11.22	-1.12
Sennar Res.	29.5	6.17	—	6.16	—
Makwar	29.5	4.45	-1.35	4.44	-1.33
Khartoum	29.5	9.85	-0.56	9.80	-0.59
Kh. el Girba					
Atbara	29.5	9.66	-0.38	9.65	-0.38
Wadi Halfa	29.5	0.80	-0.45	0.79	-0.45
Aswan Res.	30.5	106.45	—	106.56	—
" D.S.	30.5	85.18	-0.47	85.19	-0.45
El Leithi	30.5	16.79	-0.09	16.79	-0.09
Roda (Cairo)	30.5	15.45	+0.39	15.75	+0.32

PRINTED AT THE SURVEY OF EGYPT 1929(29/599/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٥-٢٩ Barometer and Wind at 8 h Yesterday 29.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Rough	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٥-٢٩ From Observations taken at 8 h yesterday 29.5.31.

	BAROMETER			WIND			TEMPERATURE							HUMIDITY		RAINFALL			
	Reduced to Sea Level	Change in 24 hours	Diff. from normal	Direction	Force	SKY	At 8 h	Change in 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h	Diff. from normal	Past 24 hours	Total from Oct. to yesterday	Normal from Oct. to yesterday	SEA
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	1012.3	+2.9	-2.4	N	1	2	22	-2	—	30	—	17	—	50	—	—	—	656	—
MALTA	1011.8	+0.3	-4.2	N	1	4	21	-2	—	27	+3	19	+2	80	—	0	337	424	1
[illegible]ENS	1009.4	-0.4	-4.0	—	0	2	21	0	—	—	—	—	—	70	—	—	—	345	—
CANDIA	1009.8	-1.3	-4.0	SW	1	3	24	+1	—	28	+3	17	0	—	—	0	519	455	2
[illegible]ASSOL	1007.8	-0.5	-3.8	NNW	1	1	24	-1		29	+1	14	-1	—	—	0	389	456	1
EGYPT and SUDAN																			

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 55

" " sunset 18 51

From Observations taken at 8h. to-day.

Sunday 31st May, 1931 ١٩٣١ الأحد ٣١ مايو

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Jan.	Rainfall: Total since 1st Jan. last year	Sea
		mb	mb	mb				°C	°C	°C	°C Yesterday	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.9	+1.5	+0.1	NE ENE	2	3	22.4	−0.7	−1.1	27	—	20	—	81	+16	0	57	101	3
	MATRUH	1013.0	+2.3	−0.4	E	2	0	22.8	−0.6	+0.4	29	+2	20	+3	74	0	0	179	158	2
	ALEXANDRIA	1014.8	+1.8	−1.5	ENE	1	3	25.3	+3.3	+2.1	32	+5	19	0	60	−11	0	96	190	1
	PORT SAID	1013.3	+1.9	+1.6	SE	3	3	26.8	+2.7	+1.9	27	−1	22	+2	50	−18	0	62	81	2
	GAZA																			
	HAIFA	1012.8	+1.6	+2.9	—	0	0	29.1	+3.1	+3.6	30	+1	21	+3	68	+3	0	665	645	0
DELTA & LOWER EGYPT	TANTA	1012.3	+0.5	—	ESE	1	4	27.8	+3.5		35	—	20	—	38	—	0	35		
	EZBEKIYA	1012.7	+2.3	+0.3	SSW	1	4	27.0	−0.8	+2.5	35	+1	22	+4	42	−20	0	17	33	
	GIZA	1012.0	+1.3	−0.9	SSE	1	4	27.6	+1.4	—	36	+2	18	+2	41	—	0	21	30	
	HELWAN	1011.9	+1.1	−0.8	SSE	4	4	30.6	+4.1	+6.6	34	+1	26	+7	29	−32	0	19	35	
	FAYUM	1011.5	+2.7	−1.3	—	0	0	22.5	+1.0	+1.8	—	—	20	+3	53	0	0	38	7	
RED SEA	SUEZ	1011.5	+1.6	−0.5	S	2	4	28.0	+5.0	+3.7	35	+1	23	+3	54	−15	0	28	26	1
	TOR	1013.0	+3.5	+3.4	—	0	2	27.0	+2.0	+1.2	34	+2	21	0	69	−2	0	11	14	1
	HURGHADA	1013.1	+2.9		SW	4	0	30.8	+2.9		34		21		45		0	0		2
	QOSSEIR	1012.2	+2.4		NW	5	0	30.0	+0.3		31		25		57		0	15		5
UPPER EGYPT	GERGA	1013.5	+1.7	+0.8	SW	1	0	28.0	+1.6	+1.9	36	+1	21	+4	39	−9	0	17		
	MINIA	1012.6	+1.6		N	1	0	27.5	+1.0	+2.3	36	+1	21	+3	63	+7				
	ASSIUT	1012.6	+1.8	+1.1	WSW	2	0	31.2	+3.5	+4.5	38	+2	24	+4	27	−14	0	7		
	SOHAG	1011.9	+2.4		NE	2	3	31.3	+1.6	+1.2	41	+1	24	+3	21	−17				
	KHARGA	1009.4	+0.1		—	0	2	32.7	+1.3		40		25		30		0	1		
	ASWAN	1010.2	+1.8	+0.2	—	0	0	33.6	+2.2	+2.7	44	+3	27	+3	26	−4				
	WADI HALFA	1007.9	+0.5	−1.7	—	0	1	34.2	+1.4	+4.6	46	+6	24	+2	21	0				
SUDAN	KORMA																			
	ATBARA	1007.5	−1.9	+0.1	S	3	0	35.0	+2.0	+1.1	43	+1	30	+5	42	+27	0	0	8	
	KHARTOUM	1008.8	−0.2	+0.7	SW	2	1	34.1	+2.1	+2.2	42	0	28	+2	32	0	0	3	8	
	WADI SEIDNA	1010.6	+0.2	+2.5	N	2	2	36.5	+1.8	+3.0	40	+3	26	+1	11	−29	0	29	109	2
	KASALA																			
	ABU HAMAD	1009.6	+1.2	−0.5	NW	1	2	31.5	+2.5	+4.6	39	+2	28	+5	35	−21	5	67	109	
	KASSALA																			
	SENNAR	1008.8	−0.3	−1.0	SW	3	3	30.2	+0.2	+1.1	37	−1	24	+2	46	−4	0	18	34	
	ED DAMER	1011.2	−1.4	+0.1	—	0	2	29.1	+2.1	+2.6	36	+2	24	+2	65	−6	1	161	204	
	WADI MEDANI	1010.3	+1.2	+0.1	S	1	1	26.9	−2.0	+1.6	36	+2	23	+2	70	−6	2	235	376	
	KOSTI	1012.7	−0.1		W	3	1	25.5	+0.4		34		21		75		0	472	400	

General Observations

9 15

General Situation

Upper Egypt is an area of high pressure. There is a shallow depression in the desert west of Cairo, and a small depression near Suez. The high pressure northwest of Egypt is strengthening.

1500	20	S
1900	20	SSW
2300	20	W
0300	25	W
0900	40	W

Forecast for 24 hours from noon to day.

On the coast moderate easterly winds, backing tomorrow to north. Inland, light to moderate southerly winds, freshening, and probably veering to west tomorrow. Much medium and high cloud. Moderate Khamsin conditions. Changeable. Cooler tomorrow, but temperature remaining above normal.

STATION	Humidity: Mean of Day	Humidity: Diff from normal	Mean Temperature: Mean of Day	Mean Temperature: Diff from normal
	%	%	°C	°C
Alexandria	78	+7	21.3	+2.5
Ezbekiya	34	−20	19.6	−0.7
Giza	37	−11	19.4	—
Helwan	29	−10	18.3	+1.7

NOTE. A dash means that figures are not available

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" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m3 per sec.

DATE	1931	1930
31.5	696	973
30.5	697	974

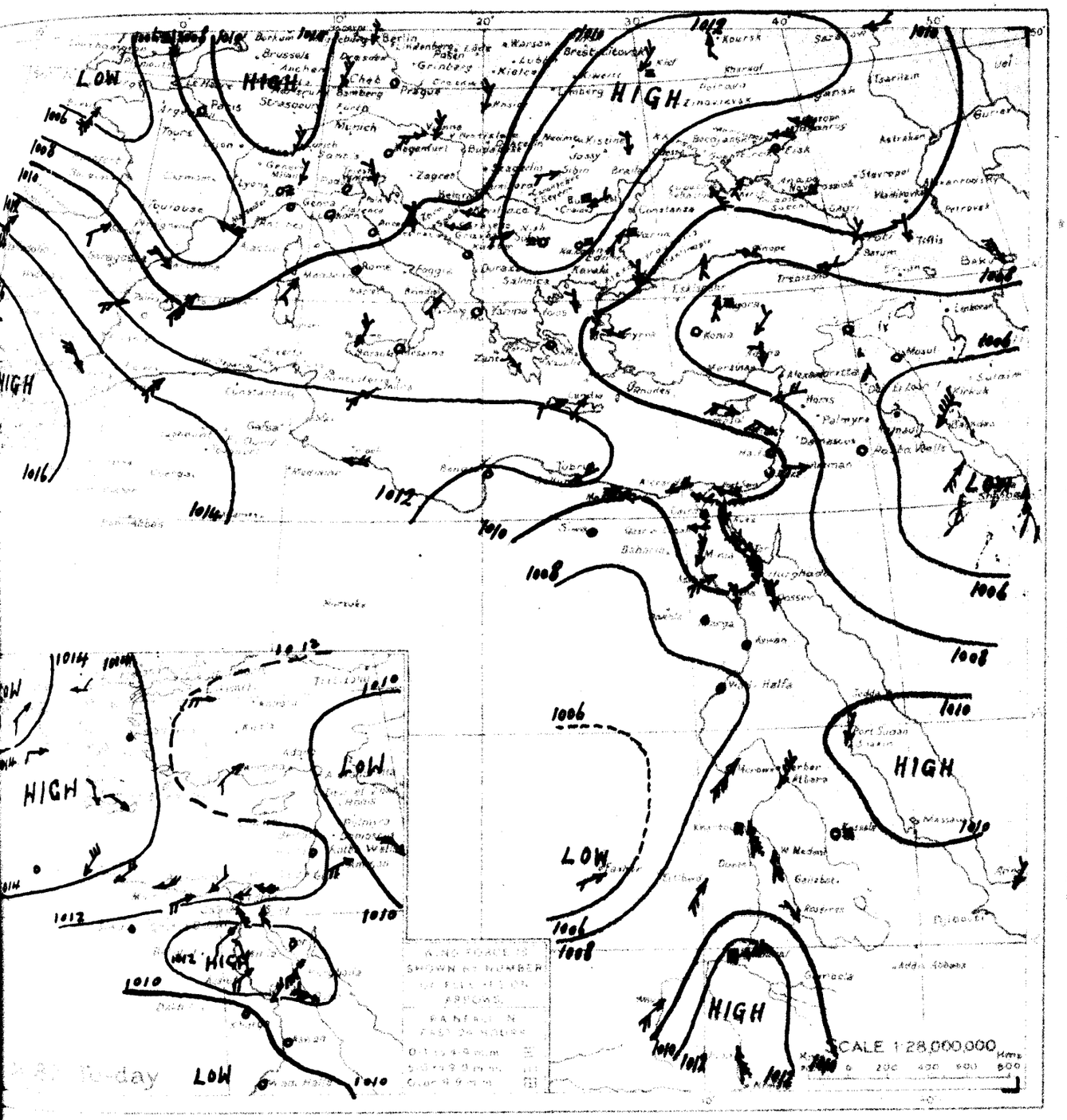
GAUGE	Gauge	Reading	Diff from normal	Reading	Diff from normal
	m	m	m	m	m
Juba	30.5	13.60	+0.09	13.66	+0.15
Nasser	30.5	5.88	−1.22	5.83	−1.17
Malakal	31.5	9.93	−0.51	9.89	−0.53
Roseiris	31.5	11.25	−1.12	11.17	−1.20
Sennar Res.	30.5	6.15	—	6.17	—
Makwar	30.5	4.44	−1.39	4.45	−1.35
Khartoum	30.5	9.85	−0.58	9.85	−0.56
Kh. el Girba					
Atbara	31.5	9.67	−0.39	9.66	−0.39
Wadi Halfa	30.5	0.80	−0.45	0.80	−0.45
Aswan Res.	31.5	106.33	—	106.45	—
" D.S.	31.5	85.19	−0.47	85.18	−0.47
El Leithi	31.5	16.79	−0.09	16.79	−0.09
Roda (Cairo)	31.5	15.45	+0.32	15.45	+0.32

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣٠-٥-٣١. Barometer and Wind at 8 h. Yesterday 30.5.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣٠-٥-٣١. From Observations taken at 8 h. yesterday 30.5.31.

		Barometer: Reduced to 0°	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from 24 h. yesterday	Rainfall: Normal from 24 h. yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
Mediterranean	Rome	1011.1	-1.2	-3.6	—	0	4	25	+3	—	30	—	17	—	60	—	—	—	658	—
	Malta	1011.9	+0.1	-4.1	WSW	2	2	21	0	—	25	+1	18	+1	70	—	0	337	424	1
	Athens	1010.2	+0.8	-3.2	—	0	2	21	0		—	—	16	-1	70	—	—	—	346	
	Candia	1010.6	+0.8	-3.2	SW	1	1	24	0		27	+2	16	-2	—	—	0	519	456	1
	Tassoul	1009.1	+1.3	-2.4	WNW	2	0	23	-1		26	-2	16	+1	—	—	0	389	457	2
Egypt and Sudan	Kassala كسلا	1008.2	+3.4	-0.2	—	0	0	30.5	-3.0	-1.1	43	+3	25	0	59	+17	3	5	25	—
	El Obeid	1009.1	+2.0	-0.7	SW	2	2	30.0	-1.0	+0.8	40	+1	25	+3	53	+4	0	18	33	—
	Wau	1009.1	-0.7	-1.0	SSW	2	1	28.9	+1.9	+3.6	34	0	25	+4	62	-14	0	233	372	—
	Juba	1012.8	+1.2	—	SSE	3	2	25.1	+1.0	—	32	—	21	—	79	—	0	472	396	—

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of MAY 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Qosseir	1	8 h. temp.	24·8
,,		Humidity	37
Kharga		Barometer	1010·7
Wadi Halfa ...		Barometer	1010·2
El Obeid ...		State of sky	1
Suez	2	State of sky	0
Wad Medani...		Barometer	1008·6
,,		State of sky	1
Sollum	3	Barometer	1015·2
Qosseir		Wind direction	N
Kharga		State of sky	1
,,		Minimum	—
Juba		Rainfall	Drops
Alexandria ...	4	Barometer	1014·4
,,		State of sky	4
Sollum	5	Minimum	14
Gaza		Rainfall	0
Tanta		Barometer	1014·8
El Obeid ...		State of sky	1
Malakal... ...		Barometer	—
,,		Minimum	21
Sollum	6	State of sky	0
Minya		Maximum	31
Kharga		State of sky	2
Aswân		8 h. temp.	26·6
,,		Humidity	24
Gaza	7	8 h. temp.	27·9
,,		Humidity	32
Kharga		State of sky	2
Wad Medani...		Wind direction	N
Wau		Rainfall	Drops
Sollum	8	Maximum	—
Haifa		Maximum	25
,,		Rainfall	Drops
Tor		,,	0
Minya		State of sky	0
Asyût		Rainfall	Drops
Kharga		State of sky	3
Merowe... ...		Wind force	3
Wad Medani...		Barometer	1006·8
Suez	9	State of sky	0
Malakal... ...		Wind direction	SSE
Haifa	10	Barometer	1013·9
Qosseir		8 h. temp.	28·9
,,		Humidity	33
Wad Medani...		Wind force	3
,,		State of sky	1
Matruh... ...	11	8 h. temp.	21·4
,,		Humidity	40
Alexandria ...		Barometer	1012·6
Minya		State of sky	1
Merowe... ...		Wind force	5
Merowe... ...		State of sky	2
Roseires ...		Rainfall	Drops

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Matruh... ...	12	State of sky	0
Gaza		,,	0
Qosseir		Wind force	3
Wad Medani...		Rainfall	Drops
Wau		Maximum	37
,,		Minimum	24
Haifa	13	Rainfall	Drops
Tanta		Maximum	30
,,		Wind direction	SSW
Suez		State of sky	0
Merowe... ...		,,	1
Wad Medani...		Rainfall	Drops
Wau		Minimum	24
Kassala... ...	16	State of sky	1
Tor	17	Barometer	1013·8
Hurghada ...		,,	1014·8
Qosseir		,,	1014·4
Siwa	18	8 h. temp.	17·0
,,		Humidity	54
Merowe... ...		Humidity	6
Khartoum ...		,,	4
Atbara	19	Maximum	39
Minya	20	Barometer	1012·2
Atbara	21	Maximum	41
Qosseir	22	Humidity	28
Matruh	23	Humidity	33
Tanta		Minimum	—
Malakal... ...		Wind direction	S
Haifa	24	Wind direction	SSE
,,		Wind force	1
Tanta		Maximum	34
,,		Rainfall	Drops
Kassala... ...		State of sky	1
Merowe... ...	25	Wind force	2
Wad Medani...	26	Rainfall	Drops
Alexandria ...	27	Barometer	1009·3
Kassala... ...		State of sky	0
Haifa	28	Rainfall	Drops
Tor		Wind direction	NW
Malakal... ...		Maximum	36
Wau		8 h temp.	26·8
,,		Humidity	78
Sollum	29	Barometer	1013·3
Suez		Barometer	1008·8
Wadi Halfa ...		8 h. temp.	30·6
,,		Humidity	19
Alexandria ...	30	Barometer	1011·4
,,		State of sky	3
Wad Medani...		Rainfall	Drops
Sollum	31	Wind direction	NE
Merowe... ...		State of sky	2
Malakal... ...		Minimum	22

REMARKS:— Halve cloud observation at WADI HALFA for the whole month.

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR MAY, 1931.

The Weather.

The cool weather which was experienced at the end of April continued for a few days at the beginning of May. A spell of fairly warm weather lasting from the 5th to the 9th followed, caused by the passage across Egypt of a depression from the western desert. There were showers in Upper Egypt and near the Gulf of Suez. On the 10th a high pressure system covered Egypt and the eastern Mediterranean, there were fresh north-easterly winds and overcast skies, and the temperature fell to normal. Then began a spell of unusually cool weather for the time of year which lasted until the 18th. On the 11th a depression with a secondary west of Siwa Oasis was centred between Malta and Greece, and moving rapidly eastwards was situated north of Egypt on the following morning, resulting in fresh to strong westerly winds throughout Egypt. The depression passed to Syria on the 13th, and for several days the distribution of high pressure over the central Mediterranean with a steady gradient to low pressure over Iraq caused north-westerly winds and abnormally cool weather to prevail in Egypt. Rain fell at Aswân on the 12th and 13th.

The high pressure system over Egypt began to weaken on the 18th owing to the presence of a depression which appeared over the central Mediterranean, and a spell of warm weather which lasted until the end of the month commenced. By the 23rd the depression had reached the Syrian Coast, where it remained for two days, moderating the warm weather in Egypt before passing to Iraq. On the 27th a shallow depression was situated near Cairo. North-easterly winds prevailed along the coast but inland khamsin conditions were experienced and the south-westerly wind reached the force of a gale at times during the afternoon, while a considerable amount of sand and dust was raised. With the veering of the wind to north in the evening a pronounced fall in temperature took place, but was not maintained for long. On the last day of the month there was a burst of heat owing to southerly and easterly winds blowing into a shallow depression west of the Delta.

For the month as a whole the barometric pressure was below normal in Egypt and the Sudan except on the Mediterranean and central Red Sea coasts. In spite of the spell of unusually cool weather in Egypt in the middle of the month, the warm weather in the first week, and from the 18th onwards, caused the temperature for the month as a whole to be slightly above normal. In the Sudan also the temperature was above normal. Rainfall was everywhere deficient.

Strong winds were unusually prevalent at Helwan, being recorded on twenty-five days, while in the evening of the 21st a velocity of 67 kilometres per hour from the north-east was recorded, and on four other days winds reached gale force, on each occasion from the east-north-east.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR MAY 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX.+MIN./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1013·6	+0·6	26·2	0·0	18·0	+0·2	22·1	+0·1	1	0
II. Middle Egypt	1013·0	—0·1	31·9	—0·2	16·6	+0·6	24·2	+0·2	1	— 1
III. Upper Egypt	1011·1	—0·3	37·7	0·0	20·7	+0·3	29·2	+0·2	0	0
IV. North Sudan	1007·7	—0·6	42·0	+0·4	24·9	+0·3	33·4	+0·4	2	— 3
V. Red Sea*	1009·8	+0·4	35·0	+0·4	24·1	+0·6	29·6	+0·5	0	— 1
VI. Central Sudan	1007·6	—1·2	41·1	+1·3	23·2	+0·4	32·2	+0·8	10	—14
VII. South Sudan	1009·6	—0·4	36·6	+1·0	24·2	+2·1	30·4	+1·6	108	—10

* Port Sudan only.
NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

L. J. SUTTON,
Director, Meteorological Service.

State of the River.

The Bahr el Jebel at Juba fluctuated above both the normal and last year's levels throughout the month.

River Sobat at Nasser continued to fall during the first week but thereafter rose on the average at about normal rate, the levels however remained much below both the normal and last year's throughout the month.

The White Nile at Malakal remained almost steady for the first 12 days then rose at about normal rate. The levels remained much below normal and last year's.

The Blue Nile at Roseires continued to fall slowly during the first week and fluctuated below both normal and last year's levels afterwards. At Khartoum the Blue Nile fell during the first half and rose steadily during the second half of the month. The levels were much below both the normal and last year's throughout.

The Main Nile at Wadi Halfa except for a small rise due to the emptying of Sennar Reservoir remained practically steady throughout the month, the levels being much below both the normal and those of last year.

The differences of the mean levels in May 1931 from those of May 1930 and from the normal 1906–1930 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	May 1931 Minus May 1930.	May 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·30	+ 0·15
Nasser	— 0·73	— 1·20*
Malakâl	— 0·39	— 0·46
Roseires	— 0·77	— 0·72
Khartoum	— 0·68	— 0·41
Wadi Halfa	— 0·39	— 0·31

* Nasser Normal is for 1922–30 only.

Discharges of the Nile during April, 1931.

Observed by the Irrigation Department.

Aswân

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	85·21	696
2	85·20	697
3	85·20	696
4	85·21	696
5	85·21	697
6	85·20	696
7	85·19	695
8	85·20	696
9	85·20	697
10	85·20	699
11	85·15	663
12	85·12	663
13	85·11	658
14	85·11	659
15	85·11	658
16	85·10	660
17	85·11	661
18	85·11	660
19	85·10	659
20	85·10	661
21	85·04	627
22	85·04	626
23	85·04	628
24	85·04	626
25	85·04	628
26	85·04	626
27	85·04	625
28	85·06	625
29	85·04	630
30	85·04	627
Approx. Monthly Mean		661
Normal Mean 1912-1930		713

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	0·90	492
3	0·92	490
6	0·89	483
7	0·89	485
8	0·89	490
9	0·89	500
12	0·90	455
13	0·87	476
18	0·87	486
19	0·86	472
20	0·87	469
22	0·86	484
23	0·86	485
24	0·89	496
30	0·80	441
Approx. Monthly Mean		479
Normal Mean 1912-1930		617

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	10·32	493
13	10·38	540
19	10·34	516
23	10·45	562
26	10·41	552
Approx. Monthly Mean		529
Normal Mean 1912-1930		614

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	9·81	478
8	9·88	497
14	9·77	452
18	9·96	553
22	9·95	579
26	9·93	564
Approx. Monthly Mean		517
Normal Mean 1912-1930		674

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·85	108
6	9·90	110
11	9·85	95
15	9·81	96
20	10·10	182
23	10·00	149
Approx. Monthly Mean		124
Normal Mean 1912-1930		129

Hillet Sherif (Blue Nile).

(Sennar Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9·86	118
4	9·78	107
6	9·77	100
9	9·72	89
12	10·39	252
14	10·37	241
16	10·09	172
18	10·02	157
20	10·00	139
22	10·39	257
25	10·20	211
27	9·77	106
29	9·81	114
Approx. Monthly Mean		158
Normal Mean 1912-1930		141

Roseires (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·12	80
3	11·13	81
5	11·15	84
7	11·20	90
9	11·18	89
11	11·16	86
13	11·08	76
15	11·03	70
17	11·04	71
19	11·03	69
21	11·02	68
23	11·04	71
25	11·00	66
27	10·98	63
29	11·00	65
Approx. Monthly Mean		75
Normal Mean 1912-1930		123

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	10·15	416
12	10·00	367
16	10·16	405
21	10·23	394
25	10·17	422
Approx. Monthly Mean		405
Normal Mean 1912-1930		534

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	9·71	455
10	9·68	440
15	9·73	470
20	9·73	459
26	9·72	469
Approx. Monthly Mean		460
Normal Mean 1912-1930		535

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	10·77	36
9	10·73	11
14	10·80	41
19	10·78	31
25	10·77	50
30	10·74	42
Approx. Monthly Mean		35
Normal Mean 1912-1930		102

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar. 23	4·68	37
24	4·78	43
25	4·78	45
26	4·84	49
27	4·86	48
28	4,87	51
31	4.80	41
Approx. Monthly Mean		40
April 1	4·73	37
2	4·68	37
3	4·70	37
4	4·68	35
6	4·68	40
7	4·73	49
8	4·80	54
9	4·90	58
10	4·96	60
11	4·95	62
13	4·88	50
14	4·86	54
15	4·87	53
16	4·85	53
17	4·85	51
18	4·83	52

River Baro.

(600 mts. U.S. Pibor Junction).

(Pibor Month Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar. 23	4·37	29
24	4·45	36
25	4·53	38
26	4·55	39
27	4·57	38
28	4·55	33
31	4·42	35
Approx. Monthly Mean		32
April 1	4·37	26
2	4·36	23
3	4·37	25
4	4·35	22
6	4·38	31
7	4·50	37
8	4·58	40
9	4·63	43
10	4·66	41
11	4·63	38
13	4·56	32
14	4·56	34
15	4·55	35
16	4·54	34
17	4·52	32
18	4·53	36

River Pibor

(600 mts. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar. 23	4·37	8
24	4·45	6
25	4·52	9
26	4·55	12
27	4·57	15
28	4·55	16
31	4·42	9
Approx. Monthly Mean		11
April 1	4.37	12
2	4.36	10
3	4.37	14
4	4.35	13
6	4.39	11
7	4.50	9
8	4.58	14
9	4.63	18
10	4.66	18
11	4.63	18
13	4.56	18
14	4.56	22
15	4.55	23
16	4.54	20
17	4.52	20
18	4.53	19

Discharges of the Nile during April, 1931 (*continued*).

Observed by the Irrigation Department.

Akobo (River Pibor)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar. 9	9.88	1
13	9.82	1
20	9.78	1
28	9.74	1
Approx. Monthly Mean		1
Apr. 5	9.74	1
12	9.73	1
17	9.81	1
26	10.02	2
Approx. Monthly Mean		1

Bahr el Zerâf (Kilo. 3).

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	11·17	112
18	11·16	108
29	11·15	109
Approx. Monthly Mean		110
Normal Mean 1912-1930		127

(D.S. Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26.31	128
5	26.32	122
8	26.32	125
12	26.32	123
15	26.32	121
19	26.31	121
22	26,31	122
26	26.31	122
30	26.30	120
Approx. Monthly Mean		123
Normal Mean 1927-1930		125

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar 31	27.90	14
Apr. 4	27.90	15
7	27.90	15
11	27.90	15
14	27.90	15
18	27.89	15
21	27.89	15
25	27.89	14
29	27.87	17
Approx. Monthly Mean		15
Normal Mean 1927-1930		20

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	11·52	311
18	11·53	307
29	11·50	317
Approx. Monthly Mean		311
Normal Mean 1923-1930		293

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·42	310
17	13·42	315
28	13·41	316
Approx. Monthly Mean		313
Normal Mean 1923-1930		296

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·42	8
17	13·42	5
28	13·41	9
Approx. Monthly Mean		7
Normal Mean 1923-1930		12

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·42	315
17	13·42	309
28	13·41	304
Approx. Monthly Mean		309
Normal Mean 1923-1930		286

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·41	347
6	26·41	336
9	26·41	340
13	26·41	344
16	26·41	341
20	26·40	344
23	26·40	346
27	26·40	346
Approx. Monthly Mean		343
Normal Mean 1927-1930		332

(D.S. Head of Zerâf Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26.41	242
6	26.41	241
9	26.41	239
13	26.41	236
16	26.41	237
20	26.40	238
23	26.40	241
27	26·40	237
Approx. Monthly Mean		239
Normal Mean 1927-1930		220

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·31	25
5	26·32	24
8	26·32	25
12	26·32	25
15	26·32	26
19	26·31	26
22	26·31	26
26	26·31	25
30	26·30	26
Approx. Monthly Mean		25
Normal Mean 1927-1930		28

Jebel-Zerâf Cuts. (*contd.*)

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar 31	27·90	91
Apr. 4	27·90	92
7	27·90	92
11	27·90	90
14	27·90	91
18	27·89	94
21	27·89	93
25	27·89	92
29	27·87	93
Approx. Monthly Mean		92
Normal Mean 1927-1930		82

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·41	24
5	26·41	24
8	26·41	24
12	26·41	25
15	26·41	24
19	26·40	24
22	26·40	26
26	26·40	24
30	26·40	24
Approx. Monthly Mean		24
Normal Mean 1927-1930		29

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar 31	11·68	91
Apr. 4	11·68	92
7	11·68	93
11	11·68	93
14	11·68	93
18	11·68	94
21	11·68	92
25	11·68	95
29	11·67	94
Approx. Monthly Mean		93
Normal Mean 1927-1930		84

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Mar. 31	11·68	356
Apr. 4	11·68	352
7	11·68	351
11	11·68	349
14	11·68	360
18	11·68	358
21	11·68	356
25	11·68	354
29	11·67	362
Approx. Monthly Mean		355
Normal Mean 1927-1930		340

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·43	698
2	11·43	714
3	11·42	708
4	11·44	716
6	11·41	708
7	11·42	717
8	11·47	725
9	11·44	712
10	11·42	698
17	11·43	711
22	11·60	769
24	11·80	828
30	11·76	844
Approx. Monthly Mean		748
Normal Mean 1912-1930		706

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³/p.s.
			M.		
		Bahr el Jebel and Tributaries.			
12/4/31	Bahr el Jebel	Gemeiza	428·49	Gemeiza	514
19/4/31	"	"	428·45	"	527
26/4/31	"	"	428·65	"	574
13/4/31	"	Giggin	428·74	Giggin	175
20/4/31	"	"	428·58	"	169
25/4/31	"	"	428·82	"	189
11/4/31	"	1 Km. U.S. Terrikaka	12·87	Terrikaka	705
18/4/31	"	"	12·87	"	718
25/4/31	"	"	13·19	"	804

P. Phillips,
Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 54

" " sunset 18 51

From Observations taken at 8h. to-day.

Monday 1st June, 1931 ١٩٣١ الاثنين اول يونيه

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h. °C	Change in past 24 hours °C	Diff. from normal °C	Maximum Yesterday °C	Diff. from normal °C	Minimum °C	Diff. from normal °C	HUMIDITY At 8 h. %	Diff. from normal %	RAINFALL Past 24 hours mm.	Total from Oct. 1 to yesterday mm.	Normal from Oct. 1 to yesterday mm.	SEA
MEDITERRANEAN	SOLLUM	1018.4	+4.5	+4.6	NE	1	2	22.9	+0.5	-0.7	26	—	19	—	74	+9	0	57	101	1
	MATRUH	1018.4	+5.4	+5.0	NE	2	3	22.0	-0.8	-0.5	25	-1	19	+2	76	+2	0	179	158	1
	ALEXANDRIA	1017.5	+5.7	+4.2	N	2	3	23.2	-2.1	-0.1	34	+6	20	+1	81	+10	0	96	190	1
	PORT SAID	1015.8	+2.5	+4.1	NNW	3	2	25.0	-1.8	0.0	29	+1	22	+2	76	+8	0	62	81	2
	GAZA	—	—	—	—	0	0	25.2	-5.2	+0.2	31	+3	20	+3	66	+1	0	250	376	—
	HAIFA	1012.2	-0.6	+2.4	—	0	0	26.7	-2.4	+1.2	31	+2	22	+4	68	+3	0	665	645	1
LOWER EGYPT	TANTA	1015.9	+3.6	—	NW	1	0	24.9	-2.9	—	39	—	19	—	68	—	0	35	—	—
	CAIRO EZBEKIYA	1016.8	+4.1	+4.5	NNE	2	1	24.4	-2.6	-0.2	34	+5	21	+3	72	+10	drops	17	33	—
	CAIRO GIZA	1016.6	+4.6	+3.7	N	2	3	23.1	-4.5	—	34	+5	20	+4	81	—	0	21	30	—
	CAIRO HELWAN	1015.4	+3.5	+2.7	N	4	1	23.6	-1.0	-0.5	38	+4	20	+1	72	+20	drops	19	35	—
	SIWA	1016.8	+5.3	+3.8	—	0	0	24.5	-2.0	-0.4	—	—	21	+3	53	0	0	38	7	—
RED SEA	SUEZ	1014.2	+2.7	+2.2	N	3	2	25.0	-3.0	+0.6	35	+1	22	+2	68	-1	drops	28	26	2
	TOR	1013.0	0.0	+3.5	—	0	1	28.0	+1.0	+2.1	33	+1	22	+1	65	-6	0	11	14	0
	HURGHADA	1013.3	+0.2	—	NNW	3	0	32.6	+1.8	—	36	—	22	—	48	—	0	0		1
	QOSSEIR	1012.2	0.0	—	N	2	0	33.5	+3.5	—	34	—	24	—	27	—	0	15	—	2
UPPER EGYPT	GEBALI	1016.6	+3.1	+3.9	N	3	0	25.0	-3.0	-1.1	40	+5	21	+3	61	+12	0	17		
	MINYA	1015.8	+3.2	—	NNE	3	0	26.5	-1.0	+1.2	38	+3	22	+4	63	+7				
	ASYUT	1015.2	+2.6	+3.8	WNW	2	2	29.1	-2.1	+2.3	40	+4	24	+4	35	-6	0	7		
	QENA	1012.8	+0.9	—	N	1	2	30.9	-0.4	+0.7	43	+3	25	+3	25	-13	—	—	—	
	KHARGA	1012.7	+3.3	—	N	2	3	32.7	0.0	—	42	—	28		24		0	1		—
	ASWAN	1011.8	+1.6	+1.8	—	0	4	32.0	-1.6	+1.0	47	+6	28	+4	19	-11	—	—	—	
NORTH SUDAN	WADI HALFA	1009.5	+1.6	-0.1	—	0	4	36.6	+2.4	+7.0	48	+8	30	+8	23	+2				
	MEROWE	1007.9	+0.7	-0.5	NE	1	0	37.0	-0.5	+3.1	43	0	30	+5	22	+5	0	0	4	
	ATBARA																			
	KHARTOUM	1008.0	-0.8	-0.1	ENE	1	0	34.4	+0.3	+2.5	44	+2	30	+4	27	-5	0	3	8	
EAST SUDAN	PORT SUDAN	1007.9	-2.7	-0.1	N	1	0	36.6	+0.1	+2.9	40	+3	26	+1	13	-27	0	29	109	1
	KASSALA																			
	WAD MEDANI	1007.0	-2.8	-1.3	W	2	3	30.0	-1.0	-0.8	42	+1	27	+3	52	+16	0	11	27	
	ROSEIRES	1006.8	-2.8	-3.4	SSW	1	0	34.0	+2.5	+7.2	40	+3	26	+3	36	-21	0	67	111	
SOUTH SUDAN	EL FASHER			—																
	EL OBEID																			
	MALAKAL	1010.3	-0.9	-0.8	SSW	2	3	32.0	+2.9	+5.6	39	+5	22	0	42	-30	0	161	207	
	WAU																			
	JUBA			—						—	—		—			—				

Upper Wind Observations at Helwan at 8 30 h. m.

Height (metres)	Kms. an hour	Direction
500	20	N
1000	25	NNW
1500	30	WNW
2000	40	W
3000		

General Situation

The depression has passed over Lower Egypt to the east, and the pressure has risen. High pressure extends from the central Mediterranean to western Egypt.

الحالة العامة

مر الانخفاض على مصر السفلى للشرق وارتفع الضغط وتمتد منطقة من الضغط العالى من اواسط البحر الابيض لغرب مصر .

Forecast for 24 hours from noon to-day.

Moderate north to northeast winds.
Occasional high cloud.
Normal temperature.

توقعات الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة ما بين الشمال والشمال الشرقى .
بظهر السحاب العالى احيانا .
ودرجة الحرارة عادية .

STATION	Humidity Mean of Day Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday °C	Diff. from normal
Alexandria	74	+3	21.6	+2.7
Ezbekiya	39	-15	20.7	+0.3
Giza	41	-7	20.4	—
Helwan	20	-19	18.8	+2.1

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
31.5	696	973
30.5	697	974

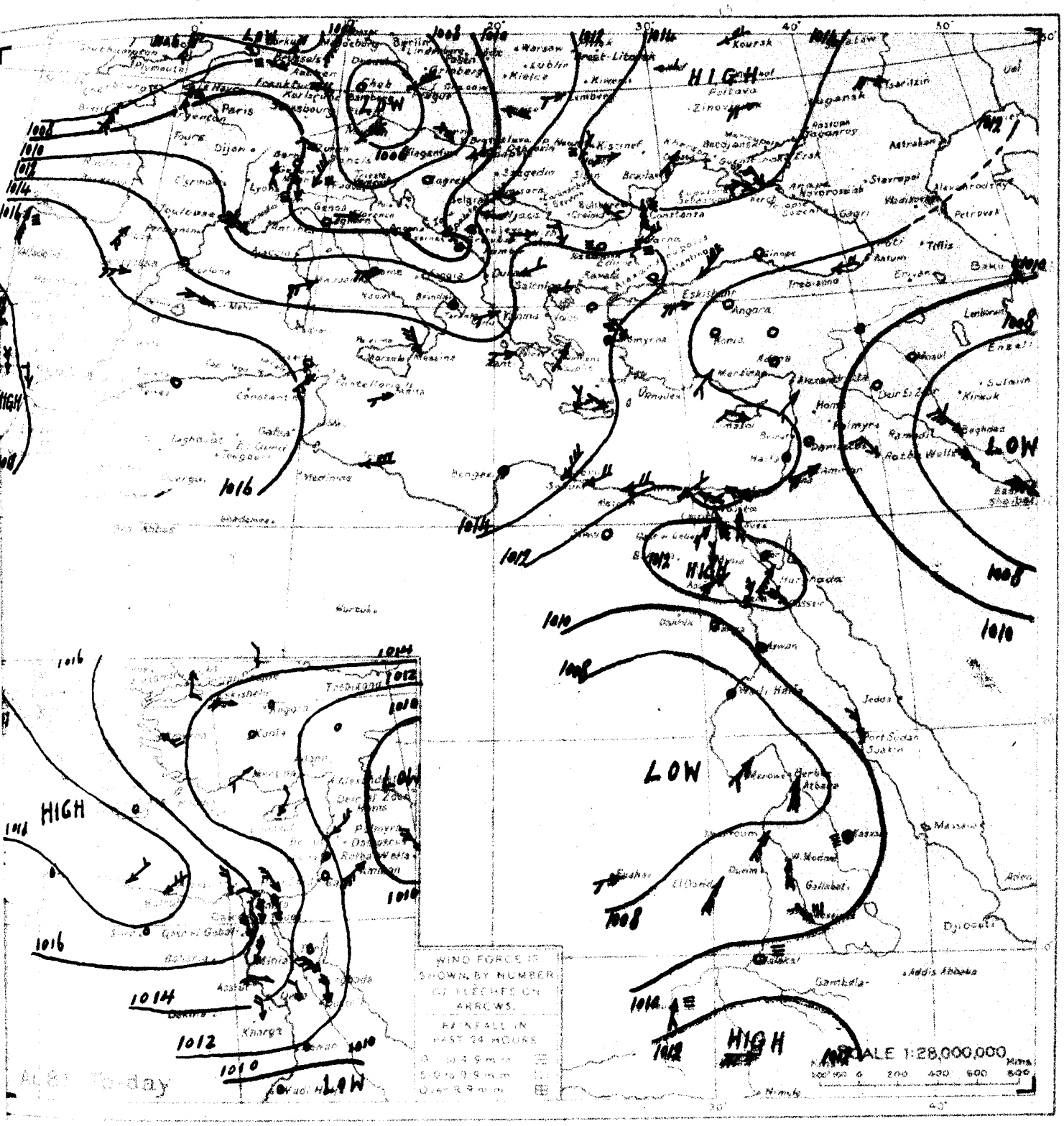
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	31.5	13.74	+0.23	13.69	+0.09
Nasser	31.5	5.96	-1.19	5.88	-1.27
Malakal	31.5	9.93	-0.51	9.89	-0.55
Roseires	1.6	11.45	-0.93	11.25	-1.12
Sennar Res.	31.5	6.13	—	6.15	—
Makwar	31.5	4.42	-1.43	4.44	-1.39
Khartoum	31.5	9.84	-0.61	9.85	-0.58
Kh. el Girba					
Atbara	31.5	9.67	-0.39	9.66	-0.39
Wadi Halfa	1.6	0.76	-0.51	0.78	-0.48
Aswan Res.	31.5	106.33	—	106.45	—
" D.S.	31.5	85.19	-0.47	85.18	-0.47
El Leithi	1.6	16.79	-0.10	16.79	-0.09
Roda (Cairo)	1.6	15.73	+0.30	15.75	+0.32

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٥-٣١ Barometer and Wind at 8 h. Yesterday **31.5.31.**



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٥-٣١ From Observations taken at 8 h. yesterday **31.5.31.**

STATIONS	BAROMETER: Reduced to Sea Level	BAROMETER: Change in past 24 hours	BAROMETER: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change past 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Max. yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1 to yesterday	RAINFALL: Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1013.5	+2.4	-1.3	W	2	4	22	-3	—	29	—	20	—	60	—	—		660	—
MALTA	1014.2	+2.3	-1.8	WSW	1	4	22	+1	—	25	+1	18	+1	70	—	0	337	425	1
ATHENS	1014.0	+3.8	+0.6	SSW	1	0	21	0	—	—	—	—	—	80	—	—	—	346	—
CANDIA	1014.7	+4.1	+0.9	NW	1	1	25	+1	—	28	+2	17	-1	—	—	0	519	457	1
LEMASSOL	1012.8	+3.7	+1.3	WNW	1	1	23	0		27	-1	15	0	—	—	0	389	457	1
Merowe	1007.2	-1.4	-1.3	SW	1	1	37.5	+5.5	+3.6	46	+3	29	+4	23	+6	0	0	4	—
Kassala	1008.4	+0.2	-0.1	—	0	0	32.5	+2.0	+0.9	41	+1	25	0	49	+7	1	6	25	—
Wad Medani	1009.8	+1.8	+1.5	S	2	3	31.0	-4.0	+0.1	39	-3	26	+2	42	+7	0	11	27	—
El Fasher	1006.3	+0.8	—	WSW	1	1	29.0	+0.5	+1.2	41	+2	19	-2	37	-1	0	1	16	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04h 54m

" sunset 18h 52m

From Observations taken at 8h. to-day.

Tuesday 2nd June, 1931

الثلاثاء ٢ يونيه ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1017.6	-0.8	+3.9	—	0	0	21.3	-1.6	-2.4	27	—	18	—	81	+16	0	57	101	0
	MATRUH	1017.6	-0.8	+4.3	WNW	2	0	22.2	+0.2	-0.4	24	-2	18	+1	77	+3	0	179	158	2
	ALEXANDRIA	1016.8	-0.7	+3.6	W	1	2	22.0	-1.2	-1.4	27	-1	19	0	89	+18	0	96	190	1
	PORT SAID	1016.3	+0.5	+4.6	NW	3	1	25.6	+0.6	+0.6	28	0	21	+1	63	-5	0	62	81	1
	GAZA	—	—	—	—	0	2	23.6	-1.6	-1.4	27	-1	17	0	74	+9	0	250	376	—
	HAIFA	1013.3	+1.1	+3.5	—	0	0	26.5	-0.2	+0.9	30	+1	21	+3	64	-1	0	665	645	1
LOWER EGYPT	TANTA	1016.6	+0.7	—	WNW	1	2	23.8	-1.1	—	33	—	18	—	67	—	0	35	—	—
	CAIRO Ezbekiya	1016.8	0.0	+4.5	NE	2	3	23.1	-1.3	-1.6	34	0	19	+1	72	+10	0	17	33	—
	CAIRO Giza	1016.7	+0.1	+3.9	NNW	2	3	22.7	-0.4	—	33	-1	16	0	77	—	0	21	30	—
	CAIRO Helwan	1017.0	+1.6	+4.3	N	3	2	22.3	-1.3	-1.8	33	-1	19	0	70	+18	0	19	35	—
	SIWA	1016.8	0.0	+3.9	—	0	0	25.2	+0.7	+0.2	—	—	17	+1	57	+4	0	38	7	—
RED SEA	SUEZ	1015.5	+1.3	+3.5	N	2	2	22.6	-2.4	-1.9	33	-1	20	0	76	+7	0	28	26	1
	TOR	1012.0	-1.0	+2.6	NW	6	2	25.1	-2.9	-0.8	37	+5	23	+1	75	+3	0	11	14	6
	HURGHADA	1012.2	-1.1	—	NNW	4	0	28.4	-4.2	—	37	—	23	—	50	—	0	0		2
	QOSSEIR	1012.0	-0.2	—	NW	7	8	28.2	-5.3	—	36	—	27	—	52	—	0	15		7
UPPER EGYPT	GERGA	1016.7	+0.1	+4.0	N	3	0	24.2	-0.8	-2.0	35	0	20	+2	59	+10	0	17		
	MINYA	1016.0	+0.2	—	NNW	4	0	23.5	-3.0	-1.9	35	0	20	+2	67	+11				
	ASYUT	1015.1	-0.1	+3.7	N	3	0	27.9	-1.2	+1.1	37	+1	22	+1	38	-4	0	7		
	QENA	1013.0	+0.2	—	N	2	2	29.8	-1.1	-0.5	43	+3	25	+3	37	-1	—			
	KHARGA	1014.2	+1.5	—	N	2	3	28.1	-4.6	—	40	—	26	—	43		0	1		
	ASWAN	1011.4	-0.4	+1.5	N	2	3	32.0	0.0	+0.9	43	+2	28	+4	18	-12	—			
NORTH SUDAN	WADI HALFA	1009.0	-0.5	-0.6	N	1	4	34.0	-2.6	+4.4	45	+5	29	+7	17	-4				
	MEROWE	1006.3	-1.6	-2.1	NE	2	1	37.5	+0.5	+3.5	47	+4	27	+2	6	-11	0	0	4	
	ATBARA	1008.3	0.0	+1.0	S	3	2	35.0	-0.5	+1.0	42	0	26	0	24	+9	0	0	8	
	KHARTOUM	1008.0	0.0	-0.1	SW	6	7	31.5	-2.9	-0.4	45	+3	30	+4	36	+4	0	3	8	
CENTRAL SUDAN	KH. EL SUDAN	1006.4	-1.5	-1.5	N	5	0	39.7	+3.1	+5.9	43	+6	28	+3	9	-31	0	29	109	5
	KASSALA																			
	WAD MEDANI	1006.7	-0.3	-1.6	W	5	1	31.5	+1.5	+0.8	45	+4	28	+4	42	+6	0	11	28	
	ROSEIRES	1009.1	+2.3	-1.1	E	1	1	26.0	-8.0	-0.7	42	+5	22	-1	76	+19	7	74	115	
SOUTH SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — 120 110 100 90 80 70 60 50

PRESS. Mm Mb — 775 770 765 760 755 750 745 740 735 730 725 720 715 710 705 700 695 690

Upper Air Observations at Helwan at h. m. 8 30

Height (metres)	Wind at 8h.	Direction
500	25	NE
1000	15	NNE
1500	40	N
2000	40	N
3000	20	NW

General Situation

The high pressure over Egypt is maintained. A shallow depression is approaching Benghazi from the west and in the west of Egypt the pressure is slowly falling.

حالة الجو

لا يزال الارتفاع مرتبطا فوق مصر وهناك انخفاض يقترب بحوض بنغازي من الغرب والضغط آخذ في الهبوط ببطء في غرب مصر

Forecast for 24 hours from noon to-day.

Light to moderate northerly winds. Occasional medium cloud. Little change in temperature.

توقعات الطقس لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح شمالية بين الخفيفة والمعتدلة يظهر بعض السحاب المتوسط الارتفاع أحيانا ولا تتغير درجة الحرارة إلا قليلا

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	84	+12	21.1	+2.1
Ezbekiya	60	+6	21.1	+0.6
Giza	63	+14	21.0	—
Helwan	55	+15	19.6	+2.8

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

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

DATE	1931	1930
2-6	717	1046
1-6	719	1048

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Prev. Reading m.	Diff. from normal m.
Juba	1-6	13.64	+0.14	13.74	+0.23
Nasser	31-5	5.96	-1.19	5.88	-1.22
Malakal	1-6	9.96	-0.50	9.93	-0.51
Roseires	2-6	12.04	-0.34	11.45	-0.93
Sennar Res	1-6	6.11	—	6.13	-1.43
Makwar	1-6	4.41	-1.48	4.42	-1.61
Khartoum	1-6	9.84	-0.64	9.84	-0.61
Kh. el Girba					
Atbara	1-6	9.68	-0.40	9.67	-0.39
Wadi Halfa	2-6	0.76	-0.52	0.76	-0.51
Aswan Res.	2-6	105.98	—	106.17	—
" D.S.	2-6	85.24	-0.46	85.24	-0.44
El Leithi	2-6	16.79	-0.11	16.79	-0.10
Roda (Cairo)	2-6	15.73	+0.30	15.73	+0.30

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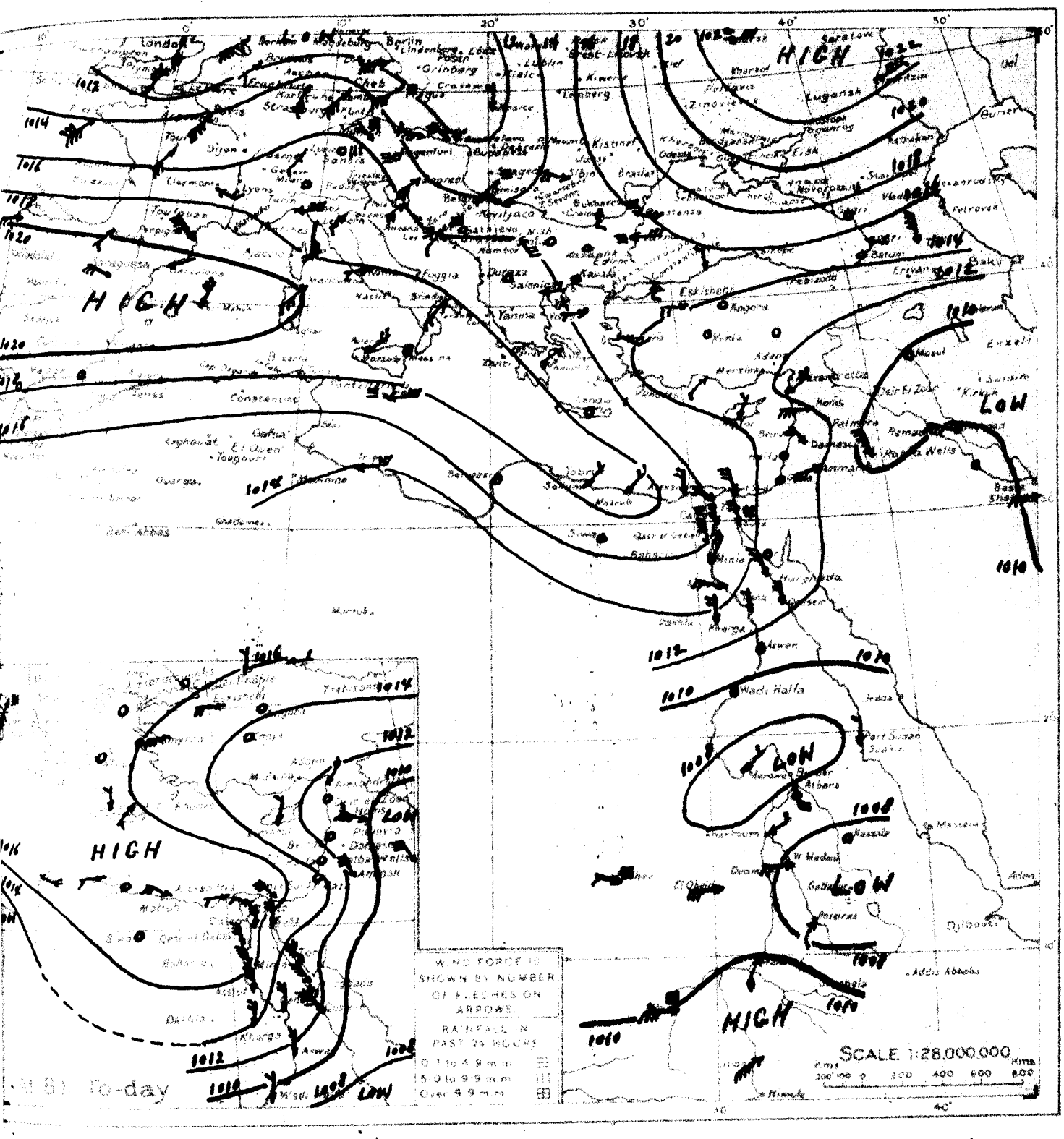
PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٦ -١ Barometer and Wind at 8 h. Yesterday 1 - 6 - 1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٦ -١ From Observations taken at 8 h. yesterday 1 - 6 - 1931

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018·7	+5·2	+3·9	W	1	4	22	0	—	26	—	16	—	60	—	—	—	662	—
	MALTA	1017·8	+3·6	+1·8	E	3	4	22	0	—	27	+3	19	+2	80	—	trace	337	425	1
	ATHENS	1016·4	+2·4	+3·0	SW	1	2	22	+1	—	—	—	—	—	60	—	—	—	347	—
	CANDIA	1017·6	+2·9	+4·0	—	0	0	25	0	—	27	+1	17	-1	—	—	0	519	457	1
	SIMASSOL	1013·3	+0·5	+1·9	NNE	1	1	24	+1		29	0	16	0	—	—	0	389	458	1
EGYPT and SUDAN	Abbara	1008·3	+0·8	+1·0	SSE	2	0	35·5	+0·5	+1·6	43	+1	27	+1	22	+7	0	0	8	—
	Kassala	1006·2	-2·2	-2·4	—	0	0	35·5	+3·0	+4·0	42	+2	24	-1	20	-22	0	6	25	—
	El Fasher	1008·3	+2·0	—	NNW	1	2	27·0	-2·0	-0·8	41	+2	21	0	49	+11	3	4	76	—
	El Obeid	1008·0	-0·8	-1·8	NNW	3	4	31·5	+1·3	+2·4	41	+3	26	+4	43	-7	0	18	34	—
	Wau	1010·0	-0·3	-0·2	W	5	1	24·0	-2·9	-1·3	36	+2	19	-2	75	-1	15	250	381	—
	Juba	1011·6	-1·1	—	SW	4	1	27·0	+1·5	—	36	—	22	—	72	—	0	472	403	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 53

" " sunset 18 52

From Observations taken at 8h to-day.

Wednesday 3rd June, 1931 ١٩٣١ الاربعاء ٣ يونيه

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Sept.	Rainfall Total last year to date	Sea
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m	m.m	
MEDITERRANEAN: SOLLUM	1015.8	−1.8	+2.1	ENE	1	3	23.6	+2.3	−0.1	29	—	18	—	77	+11	0	57	101	1
MATRUH	1015.4	−2.2	+2.1	—	0	0	23.8	+1.6	+1.1	24	−2	18	+1	69	−5	0	179	158	0
ALEXANDRIA	1015.0	−1.8	+1.9	W	2	2	22.4	+0.4	−1.1	26	−2	19	0	88	+17	0	96	190	2
PORT SAID	1014.3	−2.0	+2.7	NW	2	2	25.1	−0.5	0.0	28	0	20	0	69	+1	0	62	81	1
GAZA	—	—	—	—	0	0	24.8	+1.2	−0.3	26	−2	17	0	68	+3	0	250	376	
HAIFA																			
LOWER EGYPT: TANTA	1015.0	−1.6	—	NW	1	1	23.8	0.0	—	32	—	17	—	68	—	0	35		
ZEBEKIYA	1014.3	−2.5	+2.0	NE	2	0	23.1	0.0	−1.6	33	−1	19	+1	71	+9	0	17	33	
GIZA	1014.4	−2.3	+1.6	N	2	0	22.7	0.0	—	32	−2	16	0	77	—	0	21	30	
HELWAN	1014.0	−3.0	+1.3	N	1	0	22.7	−0.2	−2.1	32	−2	19	0	72	+20	0	19	35	
SIWA	1012.6	−4.2	−0.3	—	0	0	26.5	+1.3	+1.5	—	—	21	+3	48	−5	0	38	7	
RED SEA: SUEZ	1012.3	−3.2	+0.4	N	3	1	23.8	+1.2	−0.7	31	−3	20	0	69	0	0	28	26	2
TOR	1010.0	−2.0	+0.7	NW	3	0	25.0	−0.1	−1.0	29	−3	22	0	76	+4	0	11	14	3
HURGHADA	1010.4	−1.8		NNW	5	0	27.5	−0.9		33		22		47		0	0		3
QUSEIR	1009.9	−2.1	—	N	7	0	29.0	+0.8		30		25		47		0	15		7
[illegible]	1014.8	−1.9	+2.2	N	2	0	23.8	−0.4	−2.5	34	−1	19	+1	65	+16	0	17		
[illegible]	1012.2	−3.8		N	3	0	25.5	+2.0	0.0	33	−2	17	−1	56	0				
[illegible]	1013.4	−1.7	+2.1	WNW	2	0	25.5	−2.4	−1.4	34	−2	20	−1	51	+9	0	7		
[illegible]	1011.0	−2.0		WNW	2	0	29.4	−0.4	−1.0	41	+1	22	0	37	−1				
[illegible]	1012.2	−2.0	—	N	1	0	28.5	+0.4		36		23		39		0	1		
[illegible]	1010.3	−1.1	+0.5	N	2	0	28.0	−4.0	−3.2	40	−1	24	0	24	−6				
[illegible]	1010.2	+1.2	+0.7	N	1	1	30.2	−3.8	+0.5	41	+1	25	+3	25	+4				
[illegible]	1006.8	+0.5	−1.6	NE	3	0	37.0	−0.5	+3.0	47	+4	30	+5	13	−4	0	0	4	
[illegible]	1009.0	+1.0	+0.9	SSW	4	1	32.0	+0.5	+0.1	41	−1	28	+2	33	0	0	3	9	
[illegible]	1007.9	+1.5	+0.1	N	3	0	34.6	−5.1	+0.7	43	+6	26	+1	34	−6	0	29	109	3
[illegible]	1008.0	+0.4	−0.7	S	1	1	32.5	−0.5	+1.2	40	0	29	+4	44	+1	0	6	27	
[illegible]	1008.0	+1.3	−0.4	S	6	3	33.0	+1.5	+2.3	41	0	28	+4	46	+9	0	11	30	
[illegible]	1009.6	+0.5	−0.7	NNW	1	2	25.5	−0.5	−1.1	36	−1	23	+1	72	+14	13	87	119	
[illegible]	1008.6	+0.6		WNW	1	0	26.5	−0.5	−1.3	41	+2	18	−3	46	+7	0	8	17	

General Situation

8 15 The depression is now centred over Benghazi and throughout Egypt pressure is falling.

يوجد الانخفاض المتوسط فوق بنى غازى والضغط آخذ فى الهبوط فوق مصر عموما .

900	10	N
1200	25	NNE
1500	25	NE
2100	30	N
3000	25	N

Forecast for 24 hours from noon to day.

Light to moderate northwest to north winds veering tomorrow to east on the coast and northeast inland. Clear or occasional high cloud. Warmer tomorrow.

رياح بين الخفيفة والمعتدلة شمالية غربية الى شمالية تتحول باكر الى شرقية على الساحل والى شمالية شرقية فى الداخل. السماء صحو او تظهر بعض السحاب العالى احيانا. ترتفع درجة الحرارة باكر.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Net Sun Temperature Mean of Day Yesterday	Net Sun Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	89	+17	21.2	+2.1
Ezbekiya	58	+4	20.4	−0.2
Giza	60	+11	20.2	—
Helwan	51	+11	19.1	+2.3

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
3.6	717	1046
2.6	717	1046

GAUGE	Date 1931	Reading in	Diff from normal in	Reading in	
Juba	2.6	13.62	+0.12	13.64	+0.14
Nasser	2.6	6.50	−0.76	6.18	−1.04
Malakal	2.6	9.99	−0.50	9.96	−0.50
Roseires	2.6	12.04	−0.34	11.45	−0.93
Sennar Res.	2.6	6.08	—	6.11	—
Makwar	2.6	4.39	−1.53	4.41	−1.48
Khartoum	3.6	9.86	−0.66	9.88	−0.62
Kh el Girba					
Atbara	3.6	9.73	−0.39	9.71	−0.39
Wadi Halfa	3.6	0.72	−0.57	0.76	−0.52
Aswan Res.	3.6	105.86	—	105.98	—
" O.S.	3.6	85.23	−0.49	85.24	−0.46
El Leithi	3.6	16.79	−0.12	16.79	−0.11
Roda (Cairo)	3.6	15.73	+0.29	15.78	+0.30

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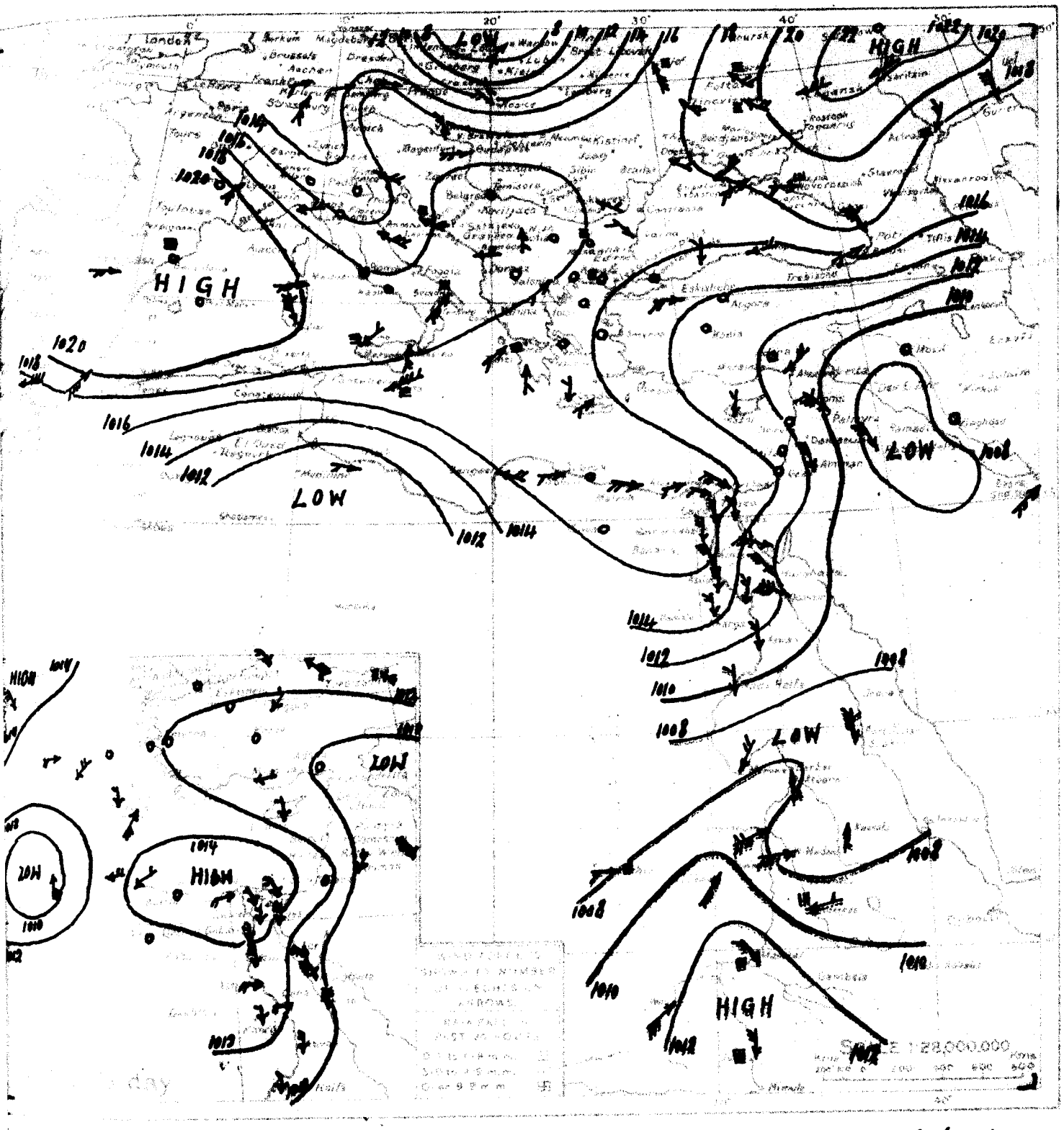
PHYSICAL DEPARTMENT.

REPORT.

٢١-٦-٢ Barometer and Wind at 8 h. Yesterday 2.6.31.



WIND VELOCITY

	KPH	Force
Calm	0 - 1	0
Almost calm	2 - 6	1
Very light	7 - 12	2
Light	13 - 18	3
Moderate	19 - 26	4
Fresh	27 - 35	5
Strong	36 - 44	6
Very strong	45 - 54	7
Gale	55 - 65	8
Strong gale	66 - 77	9
Whole gale	78 - 91	10
Storm	92 - 104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
Clouded	1
Clouded	2
Overcast	3
Heavy cloud	4
Fog	5
Snow	6
Sleet	7
Mist or haze	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8

٢١-٦-٢ From Observations taken at 8 h. yesterday 2.6.31.

	Barometer	Change	Dew	Wind		Sky	Air	Change	Dew	Sea	Change	Max	Min	Dew	Grass	Rainfall			Sea
	mm	mm	mm	Direction	Force		°C	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	
[illegible]	1018.0	-0.7	+3.2	—	0	2	21	-1		26		13	[illegible]	60		—		663	
MALTA	1016.9	-0.9	+0.7	ENE	4	3	21	-1		23	-1	19	+2	80		1	338	425	3
ATHENS	1016.4	0.0	+3.0	—	0	4	24	+2		—	—	19	+1	50		—		348	
CANDIA	1017.1	-0.5	+3.5	SW	1	1	28	+4		29	+3	18	0			0	519	457	1
HURGHADA	1012.4	-0.9	+1.0	N	1	0	26	+2		30	+1	15	-1			0	339	458	1
Kassala كسلا	1007.6	+1.4	-1.1	S	1	1	33.0	-2.5	+1.6	44	+4	29	+4	42	0	0	6	26	—
El Fasher فاشر	1008.0	-0.3	—	W	1	2	27.0	0.0	-0.8	39	0	19	-2	56	+17	4	8	17	—
El Obeid ابيض	1011.2	+3.2	+1.3	SW	4	4	26.0	-5.5	-3.0	34	-4	20	-2	67	+16	0	18	35	—
Malakal ملكال	1012.8	+2.5	+1.6	NW	3	4	21.6	-10.4	-4.8	32	-2	19	-3	95	+23	20	181	212	—
Wau واو	1011.2	+1.2	+1.0	SW	3	1	25.0	+1.0	-0.3	35	+1	22	+1	80	+4	0	250	387	—
Juba جوبا	1013.6	+2.0	—	N	2	4	22.7	-4.3	—	36	—	21	—	96	—	10	482	408	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 53

" " sunset 18 53

From Observations taken at 8h. to-day.

Thursday 4th June, 1931 ١٩٣١ الخميس ٤ يونيه

	STATION	Barometer Reduced to Sea Level (mm)	Barometer Change in past 24 hours (mm)	Barometer Diff. from normal (mm)	Wind Direction	Wind Force	Sky	Temperature At 8 h. (°C)	Temperature Change in past 24 hours (°C)	Temperature Diff. from normal (°C)	Temperature Maximum (°C)	Temperature Diff. from normal (°C)	Temperature Minimum (°C)	Temperature Diff. from normal (°C)	Humidity At 8 h. (%)	Humidity Diff. from normal (%)	Rainfall Past 24 hours (mm)	Rainfall Since 1st Jan. (mm)	Rainfall Same period last year (mm)	Sea
MEDITERRANEAN	SOLLUM	1009.0	−6.3	−4.6	SW	4	3	29.9	+6.3	+6.1	36	—	24	—	25	−41	0	57	101	5
	MATRUH	1011.0	−4.4	−2.3	SSW	4	7	29.7	+5.9	+6.9	30	+4	21	+3	38	−36	0	179	158	2
	ALEXANDRIA	1013.1	−1.9	0.0	SE	1	0	22.4	0.0	−1.2	27	−1	20	+1	86	+15	0	96	190	1
	PORT SAID	1012.8	−1.5	+1.2	ESE	2	0	25.1	0.0	−0.1	28	0	21	+1	77	+9	0	62	81	1
	GAZA	—	—	—	—	0	0	23.4	−1.4	−1.8	27	−1	17	0	79	+14	0	250	376	
	HAIFA	1010.7	−0.8	+1.1	—	0	0	27.0	+1.3	+1.3	29	0	21	+2	71	+6	0	665	645	0
LOWER EGYPT	TANTA	1013.0	−2.0	—	NE	1	0	25.7	+1.9	—	34		24		65		0	35		
	EZBEKIYA	1012.4	−1.9	+0.2	NNE	1	0	26.0	+2.9	+1.2	34	0	20	+2	56	−6	0	17	33	
	GIZA	1012.3	−2.1	−0.4	N	1	0	25.3	+2.6	—	33	−1	17	+1	66	—	0	21	30	
	HELWAN	1011.9	−2.1	−0.7	—	0	0	25.6	+3.5	+1.3	34	0	20	+1	44	−8	0	19	35	
	SIWA	1011.2	−1.4	−1.6	—	0	0	29.0	+2.5	+3.9	—	—	22	+4	34	−19	0	38	7	
RED SEA	SUEZ	1011.4	−0.9	−0.5	N	3	0	26.0	+2.2	+1.4	33	−1	21	+1	62	−7	0	28	26	3
	TOR	1009.4	−0.6	+0.2	N	2	0	26.0	+1.0	0.0	31	−1	22	0	66	−6	0	11	14	2
	HURGHADA	1010.0	−0.4		NNW	4	0	29.0	+1.5		31		22		47		0	0		2
	QOSSEIR	1009.5	−0.4	—	N	6	0	28.8	−0.2	—	31	—	28		54		0	15		6
	[illegible]	1012.8	−2.0	+0.2	N	1	0	27.5	+3.7	+1.1	34	−2	20	+2	38	−11	0	17		
	[illegible]	1012.0	−0.2	—	NNE	2	0	26.5	+1.0	+1.0	34	−1	18	−1	54	−2				
	[illegible]	1012.0	−1.4	+0.7	W	2	0	26.6	+1.1	−0.3	35	−1	21	0	42	0	0	7		
	[illegible]	1010.3	−0.7		WNW	2	0	28.9	−0.5	−1.6	42	+2	22	0	37	−1				
	[illegible]	1011.0	−1.2		—	0	0	28.5	0.0		37		20		37		0	1		
	[illegible]	1009.6	−0.7	−0.1	—	0	0	29.3	+1.3	−1.9	40	−1	23	−1	24	−6				
	[illegible]	1010.7	+3.9	+2.3	NW	7	4	31.5	−5.5	−2.5	47	+4	30	+5	21	+4	0	0	4	
	[illegible]	1015.1	+6.1	+6.9	E	2	5	26.3	−5.7	−5.6	42	0	26	0	57	+24	trace	3	9	
	[illegible]	1010.4	+2.5	+2.7	NW	1	0	35.1	+0.5	+1.2	39	+2	25	0	16	−24	0	29	109	1
	[illegible]	1009.3	+1.3	+0.9	N	2	3	27.5	−5.5	−3.1	41	0	24	0	54	+16	0	11	31	
	[illegible]	1007.1	−2.5	−3.3	ESE	1	1	28.0	+2.5	+1.5	34	−3	22	0	57	−1	0	87	123	
	[illegible]	1011.9	−0.8	+0.6	NE	1	1	27.2	+0.4	+1.0	36	+2	23	+1	65	−8	0	181	222	
	[illegible]	1010.0	−1.2	−0.3	SSW	3	0	28.8	+4.7	+3.6	37	+3	24	+3	59	−18	0	250	398	

General Situation

8 30

The depression is now centred over the entrance of the Aegean and is mooving in a northeasterly direction. Pressures over the west of Egypt are falling rapidly, but high pressure is again established over the central Mediterranean.

بقع الانخفاض الآن على مدخل بحر أيجه ويتحرك لجهة الشمال الشرقي والضغط في غرب مصر يهبط بسرعة وقد تكونت منطقة من الضغط المرتفع على اواسط البحر الابيض.

20	ENE	
40	NE	
30	NNE	
35	NNE	

Forecast for 24 hours from noon to day

Moderate northeast winds, veering to south and freshening.
Some high cloud developing.
Moderate khamsin conditions. Very warm.
Further outlook:- Warm weather will probably break within 36 hours.

رياح شمالية شرقية معتدلة تتحول الى الجنوب وتشتد نوعا - يظهر بعض السحاب العالي - والطقس خمسيني متوسط وحار جدا - واذا نظرنا بعيدا فان الطقس الحار تنكسر حدته في ظرف ٣٦ ساعة.

STATION	Humidity Mean of Day Yesterday (%)	Humidity Mean of Day Diff. from normal (%)	Wet Bulb Temperature Mean of Day Yesterday (°C)	Wet Bulb Temperature Mean of Day Diff. from normal (°C)
Alexandria	86	+14	21.7	+2.5
Ezbekiya	59	+5	20.8	+0.1
Giza	62	+13	21.0	—
Helwan	53	+13	19.6	+2.7

NOTE. A dash means that figures are not available.

Terms of Subscription Rs/land Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Aswan measured by gauges m3 per sec

DATE	1931	1930
4.6	717	1041
3.6	717	1046

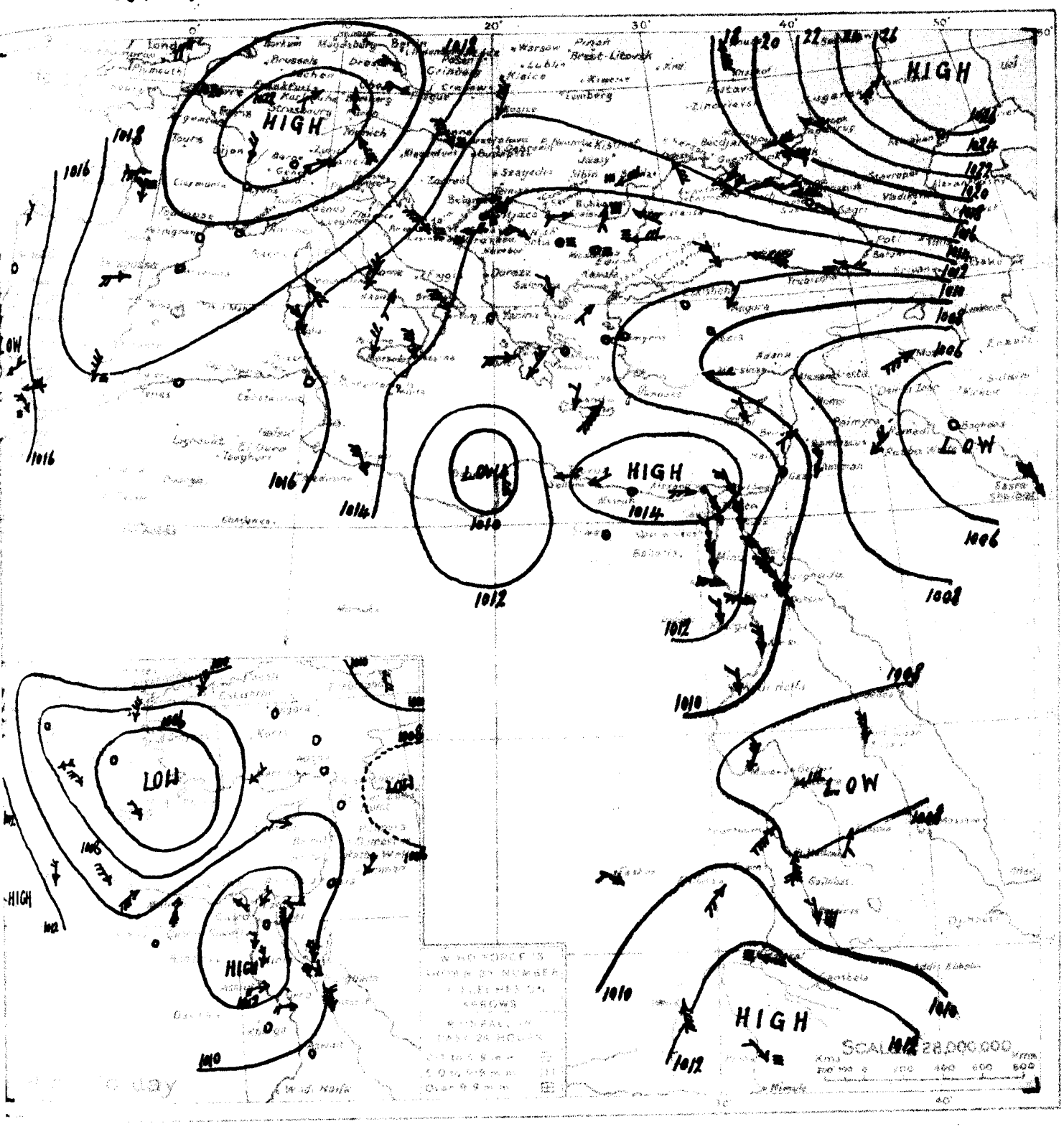
GAUGE	Date	Reading	Diff. from normal	Rise	
	1931	m	m	m	m
Juba	3.6	13.64	+0.14	13.62	+0.12
Nasser	2.6	6.50	−0.76	6.18	−1.04
Malakal	3.6	10.03	−0.48	9.99	−0.50
Roseires	3.6	11.92	−0.46	12.04	−0.34
Sennar Res.	3.6	6.06	—	6.08	—
Makwar	3.6	4.37	−1.58	4.39	−1.53
Khartoum	3.6	9.86	−0.66	9.88	−0.62
Kh. el Girba					
Atbara	3.6	9.73	−0.39	9.71	−0.39
Wadi Halfa	3.6	0.72	−0.57	0.76	−0.52
Aswan Res.	4.6	105.73	—	105.86	—
" D.S.	4.6	85.22	−0.52	85.23	−0.49
El Leithi	4.6	16.79	−0.13	16.79	−0.11
Roda (Cairo)	4.6	15.75	+0.31	15.73	+0.29

PRINTED AT THE SURVEY OF EGYPT (328/35/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣-٦-٣١. Barometer and Wind at 8 h. Yesterday **3.6.31.**



٣-٦-٣١. From Observations taken at 8 h yesterday **3.6.31.**

	Barometer Reduced to 0°	Correction	Diff. from normal	Wind Direction	Force	Sky	Air Dry	Dew Point	Diff. from normal	Max. Shade	Diff. from normal	Min. Shade	Diff. from normal	Humidity At 8 h	Diff. from normal	Rainfall Past 24 hours	Total since 1st Jan.	Total last year	Total yesterday	Sea
		mm.	mm.				°C	°C	°C	°C	°C	°C	°C	%	%	mm.	mm.	mm.	mm.	
ROME	1016.0	-2.0	+1.2	NE	3	0	20	-1	—	27	—	14		50	—	—	—	665		
MALTA	1013.9	-3.0	-2.3	N	2	1	21	0	—	23	-2	19	+2	70	—	0	338	425		2
ATHENS	1013.0	-3.4	-0.2	—	0	8	24	0	—	—	—	19	+1	50	—	—	—	348		
CANDIA	1012.7	-4.4	-0.9	SSW	4	2	30	+2	—	31	+5	20	+2	—	—	0	519	457		2
LIMASSOL	1010.8	-1.6	-0.4	NNW	1	2	25	-1		29	0	17	+1	—	—	0	389	458		0
Atbara	1007.2	-1.1	0.0	E	3	0	36.0	+1.0	+2.0	44	+2	30	+4	10	-5	0	0	8		—
El Obeid	1011.2	0.0	+1.3	SW	2	4	28.9	+2.9	-0.1	36	-2	23	+1	57	+6	0	18	36		—
Malakal	1012.7	-0.1	+1.5	SE	1	3	26.8	+5.2	+0.5	34	0	21	-1	79	0	trace	181	217		—
Wau	1011.2	0.0	+0.9	S	5	1	24.1	-0.9	-1.1	33	-1	22	+1	79	+2	0	250	392		—
Juba	1013.4	-0.2	—	NW	1	2	24.8	+2.1	—	29	—	21	—	83	—	1	483	413		—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 53 m

" " sunset 18 h 53 m

From Observations taken at 8h. to-day.

Friday 5th June, 1931 ١٩٣١ الجمعه ٥ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Normal from Oct. 1	Rainfall: Total yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.1	—	—	NNE	1	3	22.2	-7.7	-1.7	39	—	19	—	68	+2	0	57	101		3
	MATRUH	1013.3	+2.3	+0.1	NW	4	3	23.2	-6.5	+0.3	40	+14	21	+3	75	+1	0	179	158		5
	ALEXANDRIA	1012.6	-0.5	-0.4	W	4	3	26.3	+3.9	+2.6	36	+8	21	+2	73	+2	0	96	190		3
	PORT SAID	1011.1	-1.7	-0.4	SE	3	0	29.8	+4.7	+4.5	30	+2	23	+3	37	-31	0	62	81		2
	GAZA	—	—	—	S	1	0	26.1	+2.7	+0.9	28	0	18	+1	66	+1	0	250	376		
	HAIFA	1010.2	-0.5	+0.6	—	0	0	30.1	+3.1	+4.4	30	+1	23	+4	63	-3	0	665	645		0
LOWER EGYPT	TANTA	1010.8	-2.2	—	E	1	0	31.1	+5.4	—	37	—	23	—	30	—	0	35			—
	CAIRO Ezbekiya	1010.3	-2.1	-1.9	—	0	0	30.0	+4.0	+5.2	38	+4	23	+5	40	-23	0	17	33		—
	CAIRO Giza	1010.7	-1.6	-2.0	—	0	0	30.0	+4.7	—	38	+4	19	+3	36	—	0	21	30		—
	CAIRO Helwan	1010.3	-1.6	-2.2	—	0	0	35.6	+10.0	+11.3	38	+4	26	+7	15	-38	0	19	35		—
	SIWA	1010.0	-1.2	-2.8	—	0	0	26.0	-3.0	+0.8	—	—	22	+4	62	+9	0	38	7		—
RED SEA	SUEZ	1010.0	-1.4	-1.8	S	2	0	26.6	+0.6	+2.0	36	+2	23	+3	69	0	0	28	26		2
	TOR	1009.9	+0.5	+0.8	E	0	1	[illegible]	+0.6	+0.5	31	-1	24	+2	69	-3	0	11	14		0
	HURGHADA	1011.0	+1.0	—	NW	4	0	31.0	+2.0	—	33	—	21	—	38	—	0	0			2
	QOSSEIR	1009.9	+0.4	—	NNW	5	2	30.8	+2.0	—	31	—	25	—	40	—	0	15	—		4
UPPER EGYPT	GEBALI	1011.9	-0.9	-0.6	NW	1	0	30.6	+3.1	+4.1	40	+4	22	+4	28	-22	0	17			—
	MINYA	1011.2	-0.8	—	—	0	0	29.5	+3.0	+3.9	38	+2	20	+1	38	-19	—				—
	ASYUT	1011.5	-0.5	+0.3	WSW	2	0	29.4	+2.8	+2.5	40	+4	24	+3	30	-12	0	7			—
	QENA	1010.2	-0.1	—	N	2	3	31.2	+2.3	+0.7	42	+2	23	+1	28	-11	—				—
	KHARGA	1009.8	-1.2	—	N	1	1	33.4	+4.9	—	40	—	23	—	23		0	1	—		—
	ASWAN	1009.6	0.0	-0.1	—	0	1	31.3	+2.0	0.0	43	+2	23	-1	21	-9	—	—	—		—
NORTH SUDAN	WADI HALFA	1008.2	-1.6	-1.2	—	0	3	30.6	+0.6	+0.8	42	+2	21	-1	16	-5	—				—
	MEROWE	1007.8	-2.9	-0.6	NE	1	0	37.0	+5.5	+2.9	41	-2	31	+6	6	-11	0	0	4		—
	ATBARA	1007.9	-1.7	+0.8	S	2	0	35.0	+3.0	+0.9	42	0	29	+3	17	+1	0	0	8		—
	KHARTOUM	1008.8	—	+0.6	S	3	0	31.1	+4.8	-0.8	39	-3	26	0	42	+9	2	5	9		—
EAST SUDAN	PORT SUDAN	1009.3	-1.1	+1.7	—	0	0	35.2	+0.1	+1.2	37	0	27	+2	27	-12	0	29	109		0
	KASSALA	1007.6	-2.2	-1.3	—	0	[illegible]	35.0	+5.0	+3.8	40	0	24	-1	30	-13	0	6	29		—
	WAD MEDANI																				—
	ROSEIRES	1006.0	-1.1	-4.4	ESE	1	1	31.5	+3.5	+5.1	39	+3	26	+4	46	-13	0	87	126		—
SOUTH SUDAN	EL FASHER	1006.4	-1.9	—	SSE	1	1	31.0	+4.0	+3.2	38	-1	21	-1	42	+2	0	8	18		—
	EL OBEID	1007.0	-2.9	-3.0	WNW	2	1	33.4	+4.6	+4.5	37	-1	24	+2	41	-12	0	18	38		—
	MALAKAL	1011.8	-0.1	+0.5	SE	3	3	23.5	-3.7	-2.7	39	+5	22	0	84	+11	tr.	181	227		—
	WAU	1010.3	+0.3	0.0	SW	4	0	28.2	-0.6	+3.0	32	-2	25	+4	66	-11	0	250	403		—
	JUBA	1010.3	-1.7	—	SSE	4	2	24.5	-0.5	—	35	—	21	—	80	—	0	483	423		—

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms. an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yester day	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	74	+2	23.3	+4.0
Ezbekiya	48	-6	21.1	+0.3
Giza	50	+1	21.0	—
Helwan	30	-10	18.8	+1.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
5.6	718	1043
4.6	717	1041

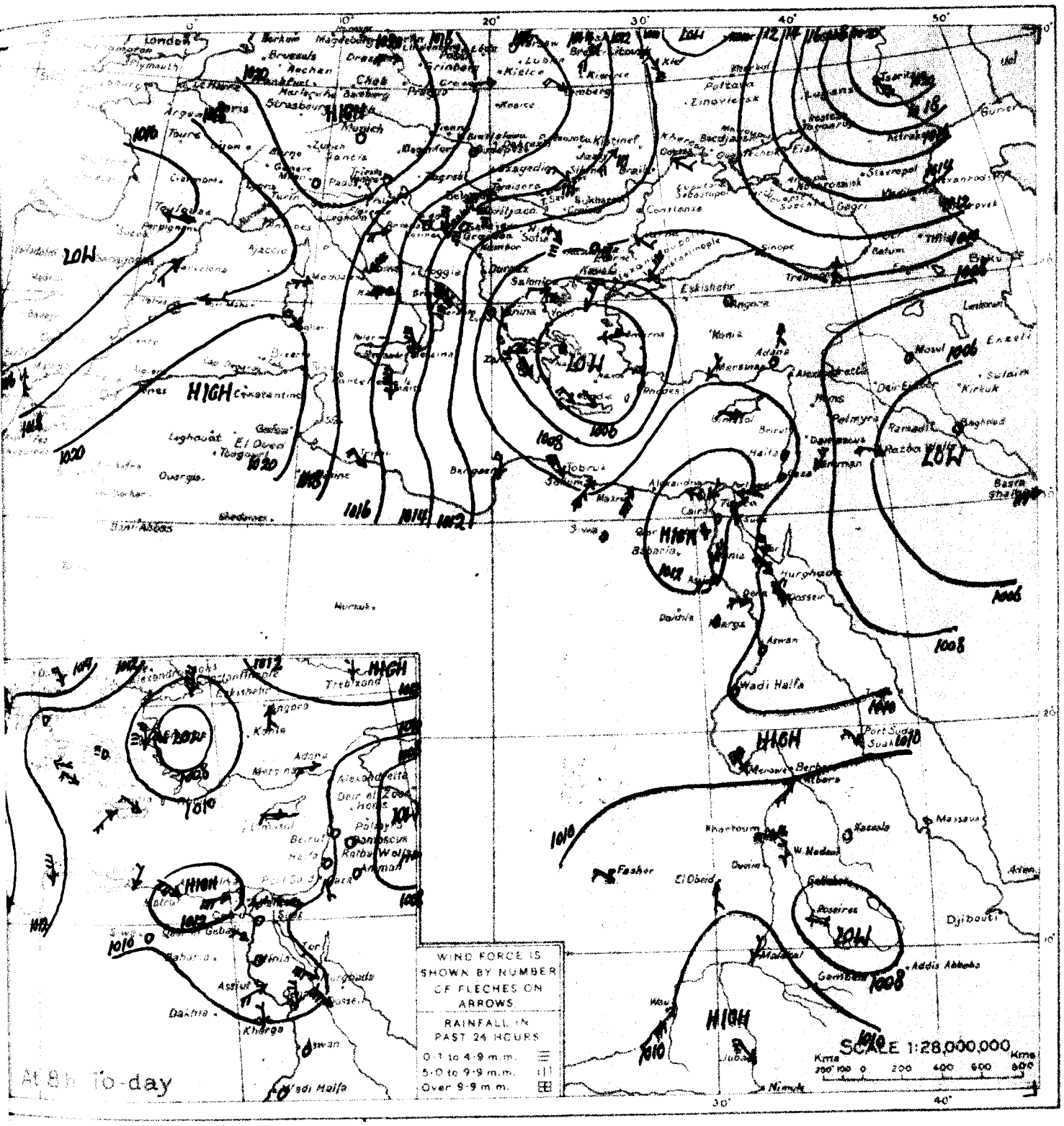
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	5.6	13.59	+0.09	13.60	+0.10
Nasser	4.6	6.58	-0.82	6.55	-0.78
Malakal	3.6	10.03	-0.48	9.99	-0.50
Roseires	4.6	12.14	-0.28	11.92	-0.46
Sennar Res.	5.6	6.36	—	6.08	—
Makwar	5.6	4.58	-1.42	4.38	-1.59
Khartoum	3.6	9.86	-0.66	9.88	-0.62
Kh. el Girba					
Atbara	3.6	9.73	-0.39	9.71	-0.39
Wadi Halfa	3.6	0.72	-0.57	0.76	-0.52
Aswan Res.	5.6	105.58	—	105.73	—
" D.S.	5.6	85.23	-0.53	85.22	-0.52
El Leithi	5.6	16.79	-0.14	16.79	-0.13
Roda (Cairo)	4.6	15.75	+0.31	15.73	+0.29

PRINTED AT THE SURVEY OF EGYPT 1930(29/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٤-٦-٣١ Barometer and Wind at 8 h. Yesterday 4.6.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤-٦-٣١ From Observations taken at 8 h. yesterday. 4.6.31.

	Stations	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1017.2	+1.2	+2.4	NE	3	0	21	+1	—	25	—	14	—	40	—	—	—	666	—
	MALTA	1015.4	+1.5	-0.8	N	4	2	21	0	—	23	-2	18	+1	60	—	0	338	425	3
	ATHENS	1004.4	-8.6	-8.8	—	0	0	24	0	—	—	—	19	+1	50	—	—	—	349	—
	CANDIA	1005.8	-6.9	-7.8	NW	1	1	26	-4	—	33	+7	24	+6	—	—	0	519	457	2
	LIMASSOL	1010.2	-0.6	-1.0	WNW	1	0	25	0		29	0	17	+1	—	—	0	389	459	0
EGYPT and SUDAN	Wadi Halfa وادي حلفا	1009.8	-0.4	+0.9	—	0	1	30.0	-0.2	+0.3	40	0	23	+1	19	-2	—	—	—	—
	Atbara عطبرة	1009.6	+2.4	+2.4	SW	3	0	32.0	-4.0	-2.0	43	+1	25	-1	16	0	0	0	8	—
	Kassala كسلا	1009.8	+1.8	+1.0	—	0	0	30.0	-2.5	-1.3	40	0	24	-1	50	+7	0	6	28	—
	El Fasher الفاشر	1008.3	-0.3	—	WNW	1	1	27.0	+0.5	-0.8	42	+3	20	-1	56	+16	0	8	18	—
	El Obeid الابيض	1009.9	-1.3	0.0	S	1	4	28.8	-0.1	-0.1	37	-1	23	+1	53	+1	0	18	37	—
	Juba جوبا	1012.0	-1.4	—	NW	3	2	25.0	+0.2	—	33	—	22	—	86	—	0	483	418	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 h. 53 m.

" " sunset 18 h. 54 m.

From Observations taken at 8h. to-day.

Sunday 7th June, 1931 ١٩٣١ الأحد ٧ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1014.6	+0.7	+1.1	NE	1	0	23.5	+1.0	−0.7	28	—	18	—	65	−1	0	57	101	2
	MATRUH	1013.5	0.0	+0.4	NW	3	0	22.2	+0.8	−0.9	24	−3	18	0	79	+5	0	179	158	3
	ALEXANDRIA	1012.6	+0.8	−0.3	W	2	3	22.4	−0.3	−1.5	26	−2	19	−1	77	+6	0	96	190	3
	PORT SAID	1011.0	+0.6	−0.4	W	2	0	24.9	−1.3	−0.6	29	+1	21	+1	66	−2	0	62	81	1
	GAZA																			
	HAIFA																			
LOWER EGYPT	TANTA	1012.2	+1.0	—	NNW	1	2	23.4	−1.3	—	32	—	17	—	65	—	0	35	—	—
	CAIRO EZBEKIYA	1012.2	+1.9	+0.1	NW	2	1	23.8	−1.6	−1.1	34	0	19	0	61	−2	0	17	33	—
	CAIRO GIZA	1012.0	+0.9	−0.6	NNW	1	1	22.8	−2.3	—	34	−1	18	−1	68	—	0	21	30	—
	CAIRO HELWAN	1011.4	+1.5	−1.0	N	2	0	22.1	−2.9	−2.3	33	−1	19	0	61	+8	0	19	35	—
	SIWA	1014.4	+2.0	+1.7	—	0	0	22.5	−1.5	−2.9	—	—	20	+2	74	+21	0	38	7	—
RED SEA	SUEZ	1010.4	+1.8	−1.3	N	2	2	23.6	−4.2	−1.2	33	−1	20	0	70	+1	0	28	26	1
	TOR	1008.7	+0.9	−0.2	NW	5	0	25.2	−2.4	−0.9	38	+6	24	+2	74	+2	0	11	14	5
	HURGHADA			—						—		—		—		—				
	QOSSEIR			—						—		—		—		—				
UPPER EGYPT	GEBALI	1013.1	+1.7	+0.7	N	2	0	24.0	−3.5	−2.6	36	0	19	+1	57	+7	0	17	—	—
	MINYA	1011.9	+2.3	—	NNE	3	0	24.5	−4.0	−1.1	40	+4	20	+1	62	+5	—	—	—	—
	ASYUT	1011.4	+2.4	+0.3	WNW	2	0	26.4	−4.2	−0.6	42	+5	22	+1	52	+9	0	7	—	—
	QENA	1008.2	−0.4	—	WNW	3	0	33.8	+1.6	+3.1	45	+5	27	+5	29	−10	—	—	—	—
	KHARGA	1009.8	+1.9	—	NNE	1	0	30.6	−3.0	—	45	—	28	—	35		0	1	—	—
	ASWAN	1008.0	+0.6	−1.5	—	0	1	33.3	+0.6	+1.9	45	+4	29	+5	22	−8	—	—	—	—
NORTH SUDAN	WADI HALFA	1007.2	−0.2	−2.1	—	0	2	33.0	+1.0	+3.1	45	+4	28	+6	12	−9	—	—	—	—
	MEROWE																			
	ATBARA																			
	KHARTOUM	1012.3	+2.8	+4.1	SSW	4	6	29.7	−0.7	−2.2	40	−2	28	+2	48	+14	0	5	10	—
EAST SUDAN	PORT SUDAN	1006.6	−3.3	−0.7	W	3	4	39.4	+5.5	+5.2	37	−1	30	+5	24	−15	0	29	109	7
	KASSALA																			
	WAD MEDANI	1011.4	+1.9	+2.9	S	3	2	30.2	+2.7	−0.1	40	0	25	+1	49	+10	0	11	35	—
	ROSEIRES																			
SOUTH SUDAN	EL FASHER			—																
	EL OBEID																			
	MALAKAL	1014.8	—	+3.4	SE	1	2	25.2	+2.8	−0.9	26	−8	21	−1	78	+4	0	182	237	—
	WAU																			
	JUBA	1015.0	+1.4	—	—	4	2	23.5	−2.2	—	31	—	19	—	84	—	0	483	433	—

Upper Wind Observations at Helwan at h. m. 8 15

Height (metres)	Kms. per hour	Direction
500	15	N
1000	15	N
1500	35	NW
2000	40	NW
3000		

General Situation

Apart from a further slight rise of pressure over Egypt and the eastern Mediterranean, little change has taken place in the general situation.

الحالة العامة

قد ازداد ارتفاع الضغط قليلا فوق مصر وشرقي البحر الابيض وفيما عدا ذلك لم تتغير الحال الا قليلا .

Forecast for 24 hours from noon to-day.

Light to moderate winds, northerly inland, northwesterly on the coast.
Clear or occasional medium cloud.
Remaining cool.

توقعات لنشر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة شمالية في الداخل وشمالية غربية على الساحل - السماء صحو او يظهر بها سحب متوسط الارتفاع احيانا - يستمر الطقس باردا

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	77	+5	20.2	+0.7
Ezbekiya	58	+3	21.1	+0.3
Giza	62	+12	21.3	—
Helwan	54	+14	20.0	+2.9

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

x Khartoum river gauge reading for 29.5.31 published on 30 & 31.5.31 should read 9.80 instead of 9.85 m.

ملاحظة : صحة قراءة النهر بمقياس الخرطوم يوم ٢٩-٥-٣١ المذكورة بتقريري يومي ٣٠ و ٣١-٥-٣١ هي ٩٫٨٠ بدلا من ٩٫٨٥ مترا

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
7.6	717	1045
6.6	717	1042

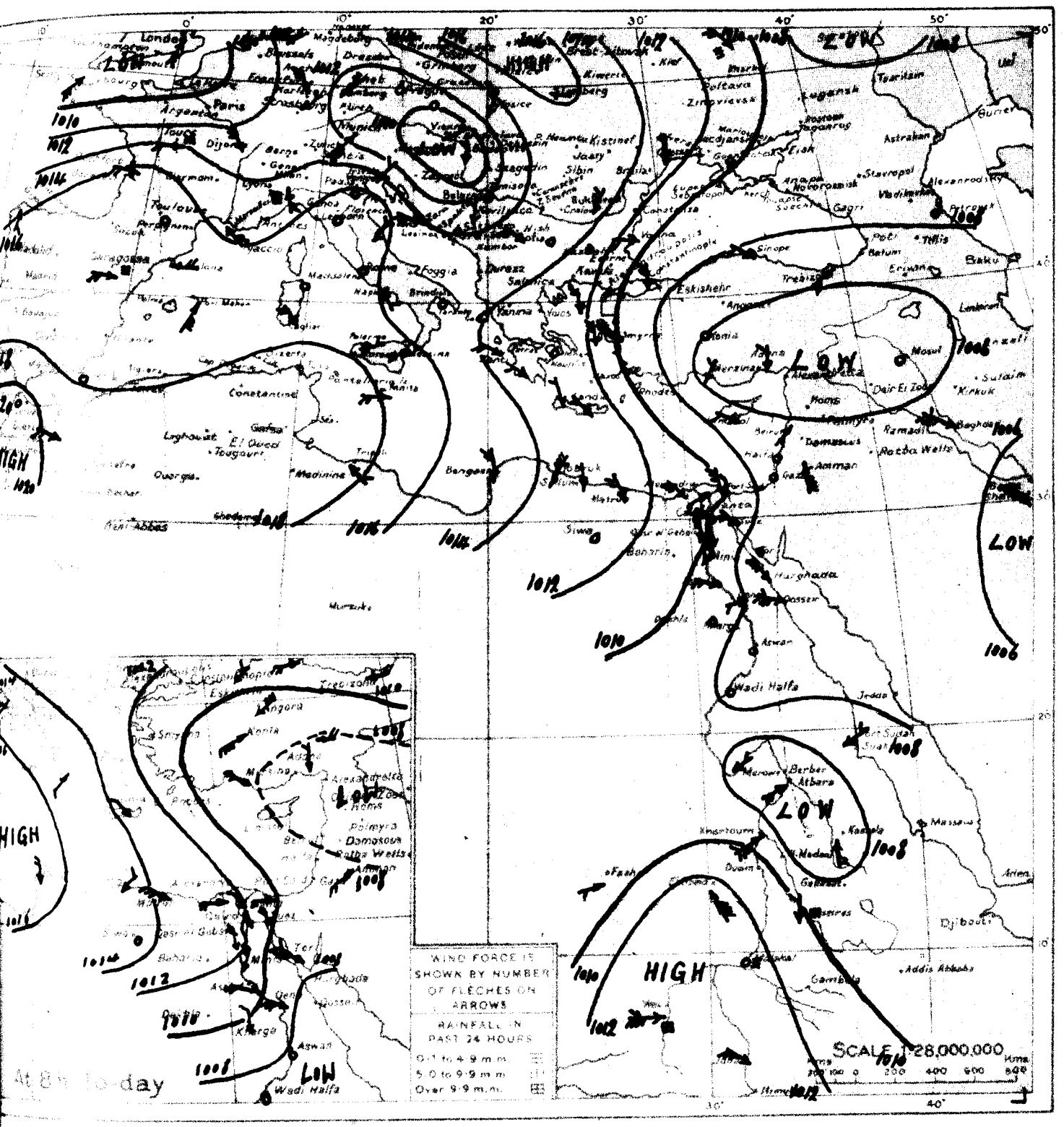
GAUGE	Date 1931	Reading m	Diff. from normal m	Prev. Reading m	Diff. from normal m
Juba	6.6	13.62	+0.13	13.59	+0.09
Nasser	6.6	6.45	−1.05	6.53	−0.97
Malakal	6.6	10.19	−0.39	10.14	−0.43
Roseires	6.6	12.06	−0.48	12.03	−0.45
Sennar Res.	6.6	6.72	—	6.36	—
Makwar	6.6	4.90	−1.13	4.58	−1.42
Khartoum	6.6	9.88	−0.72	9.83	−0.77
Kh. el Girba					
Atbara	6.6	9.73	−0.45	9.73	−0.43
Wadi Halfa	6.6	0.69	−0.64	0.69	−0.63
Aswan Res.	7.6	105.27	—	105.39	—
" D.S.	7.6	85.24	−0.56	85.23	−0.14
El Leithi	7.6	16.79	−0.15	16.79	−0.14
Roda (Cairo)	7.6	15.78	+0.31	15.73	+0.31

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٦-٦-٣١ Barometer and Wind at 8 h. Yesterday 6.6.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٦-٦-٣١ From Observations taken at 8 h. yesterday. 6.6.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff from normal	Maximum	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.0	-0.6	+1.0	—	0	0	23	+1	—	29	—	16	—	60	—	—	—	669	—
	MALTA	1016.7	+0.7	+0.4	W	2	0	23	+1	—	26	+1	17	-1	40	—	0	338	425	1
	ATHENS	1013.8	+3.5	+0.6	—	0	1	23	+5	—	—	—	17	-1	50	—	—	—	350	—
	CANDIA	1013.9	+2.7	+0.3	NW	1	1	23	+1	—	28	+2	19	+1	—	—	0	519	457	2
	LIMASSOL	1007.0	-3.4	-4.0	WNW	1	0	26	-1		32	+3	16	0			0	389	459	1
EGYPT and SUDAN	Merowe مروى	1006.4	-1.4	-1.9	NE	1	0	36.5	-0.5	+2.4	46	+3	30	+5	7	-10	0	0	4	—
	Kassala كسلا	1007.4	-0.2	-1.5	S	2	2	32.5	-2.5	+1.4	42	+2	29	+4	41	-3	0	6	30	—
	Wad Medani	1009.5	+3.2	+1.0	—	7	2	27.5	-5.9	-2.9	43	+2	25	+1	58	+19	0	11	33	—
	Roseires	1010.4	+4.4	-0.1	N	1	2	24.0	-7.5	-2.3	42	+6	22	0	83	+24	5	92	130	—
	El Fasher	1008.6	+2.2	—	WSW	1	2	25.5	-5.5	-2.3	41	+2	20	-2	62	+21	0	8	19	—
	El Obeid	1012.4	+5.4	+1.4	SSE	4	4	26.2	-7.2	-2.6	42	+4	24	+2	72	+19	0	18	39	—
	Malakal	—	—	—	—	0	4	22.4	-1.1	-3.7	30	-4	21	-1	89	+16	1	182	232	—
	Wau واو	1013.0	+2.7	+2.6	W	6	0	24.8	-3.4	-0.4	30	-4	20	-1	73	-4	27	277	409	—
	Juba جوبا	1013.6	+3.3	—	NW	3	3	25.7	+1.2	—	35	—	21	—	71	—	0	483	428	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 53 m

" " sunset 18 h 54 m

From Observations taken at 8h. to-day.

Monday 8th June, 1931 ١٩٣١ الاثنين ٨ يونيه

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C		°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1013.4	-1.2	0.0	NW	2	0	25.6	+2.3	+1.5	28	—	17	—	45	-21	0	57	101	3
	MATRUH	1012.8	-0.7	-0.2	NW	4	0	22.2	0.0	-1.0	24	-3	18	0	81	+7	0	179	158	4
	ALEXANDRIA	1012.0	-0.6	-0.8	W	1	0	22.5	+0.1	-1.4	27	-1	20	0	84	+12	0	96	190	1
	PORT SAID	1011.1	+0.1	-0.2	W	2	0	24.3	-0.6	-1.2	29	+1	21	0	73	+5	0	62	81	2
	GAZA	—	—	—	NW	1	2	23.6	-3.1	-1.8	28	0	18	+1	78	+12	0	250	376	—
	HAIFA	1007.6	—	-1.8	SSW	1	0	23.5	—	-2.5	28	-1	21	+2	90	+24	0	665	625	2
LOWER EGYPT	TANTA	1011.9	-0.3	—	WSW	1	0	24.7	+1.3	—	31	—	17	—	62	—	0	35	—	—
	CAIRO EZBEKIYA	1013.0	+0.8	+1.0	—	0	0	24.0	+0.2	-1.0	31	-3	19	0	61	-2	0	17	33	—
	CAIRO GIZA	1012.4	+0.4	-0.1	—	0	0	24.1	+1.3	—	31	-4	16	-1	59	—	0	21	30	—
	CAIRO HELWAN	1012.7	+1.3	+0.4	NNW	1	0	21.6	-0.5	-2.8	30	-4	18	-1	77	+24	0	79	35	—
	SIWA	1014.2	-0.7	+1.6	—	0	0	27.0	+4.5	+1.5	—	—	19	+1	43	-10	0	38	7	—
RED SEA	SUEZ	1010.0	-0.4	-1.6	N	2	1	23.8	+0.2	-1.0	31	-3	21	+1	67	-2	0	28	26	1
	TOR	1009.4	+0.7	+0.6	N	3	0	27.6	+2.4	+1.4	34	+1	24	+2	59	-13	0	11	14	2
	HURGHADA	1009.8	+1.2	—	NNW	5	0	28.0	-0.9	—	34	—	25	—	61	—	0	0	—	3
	QOSSEIR	1009.4	—	—	N	7	0	28.7	—	—	32	—	26	—	58	—	0	15	—	7
UPPER EGYPT	GEBALI	1013.4	+0.3	+1.0	S	1	0	25.0	+1.0	-1.7	33	-3	18	0	51	+1	0	17	—	—
	MINYA	1012.7	+0.8	—	N	2	0	24.5	0.0	-1.2	33	-3	18	-1	50	-7	—	—	—	—
	ASYUT	1012.6	+1.2	+1.5	WSW	2	0	26.4	0.0	-0.7	35	-2	22	+1	48	+5	0	7	—	—
	QENA	1010.6	+2.4	—	NNW	2	0	30.1	-3.7	-0.6	44	+4	24	+2	30	-9	—	—	—	—
	KHARGA	1011.0	+1.2	—	NE	2	0	30.0	-0.6	—	40	—	25	—	30	—	0	1	—	—
	ASWAN	1009.5	+1.5	0.0	N	2	0	30.8	-2.5	-0.7	44	+3	28	+4	21	-9	—	—	—	—
NORTH SUDAN	WADI HALFA	1008.3	+1.1	-0.9	—	0	1	31.6	-1.4	+1.7	46	+5	26	+3	26	+5	—	—	—	—
	MEROWE	1007.6	+0.1	-0.6	NE	2	0	33.5	+0.5	-0.7	46	+3	24	-1	13	-4	0	0	4	—
	ATBARA																			—
	KHARTOUM	1008.4	-3.9	+0.2	SW	4	0	33.0	+3.3	+1.1	41	-1	28	+2	33	-1	0	5	10	—
EAST SUDAN	PORT SUDAN	1008.8	+2.2	+1.6	NW	4	2	35.7	-3.7	+1.4	45	+7	33	+8	36	-3	drops	29	109	4
	KASSALA																			—
	WAD MEDANI	1008.4	-3.0	-0.2	SW	3	0	33.5	+3.3	+3.3	40	0	26	+2	35	-5	0	11	36	—
	ROSEIRES	1009.1	-3.7	-1.5	ESE	1	1	27.5	0.0	+1.4	37	+1	24	+2	54	-6	0	92	138	—
SOUTH SUDAN	EL FASHER	1009.5	+1.2	—	SSW	1	0	29.0	+3.5	+1.2	39	0	21	-1	49	+7	0	12	20	—
	EL OBEID																			—
	MALAKAL	1013.0	-1.8	+1.6	—	0	1	29.0	+3.8	+3.0	36	+2	23	+1	60	-14	0	182	242	—
	WAU																			—
	JUBA			—						—		—		—		—				—

Upper Wind Observations at Helwan at h. m. 8 15

Height (metres)	Kms. an hour	Direction
500	10	NNW
1000	30	NNW
1500	30	NNW
2000	40	NW
3000		

General Situation

Apart from a fall in pressure over Greece, there is little change in the general distribution of pressure over the eastern Mediterranean and Egypt

الحالة العمومية

ما عدا هبوط الضغط قليلا على اليونان فلم يتغير توزيع الضغط على مصر وشرقي البحر الابيض الى تغيير يذكر .

Forecast for 24 hours from noon to-day.

Light to moderate northwest to north winds.
Mainly clear.
Slightly warmer tomorrow.

توقعات لنشر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة ما بين الشمال الغربي والشمال .
السماء صحو في الغالب .
تزداد حرارة الجو قليلا غدا .

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	79	+7	20.7	+1.1
Ezbekiya	52	-3	19.7	-1.2
Giza	58	+8	19.7	—
Helwan	49	+9	18.5	+1.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Nasser river gauge reading for 24.3.31 published on 26.3.31 should read 4.70 instead of 4.75 m.

ملاحظة - صحة قراءة النيل
مقياس الناصر يوم ٢٤-٣-٣١
المذكورة بتقرير يوم ٢٦-٣-٣١
هي ٤٫٧٠ بدلا من ٤٫٧٥ متر .

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
8.6	717	1041
7.6	717	1045

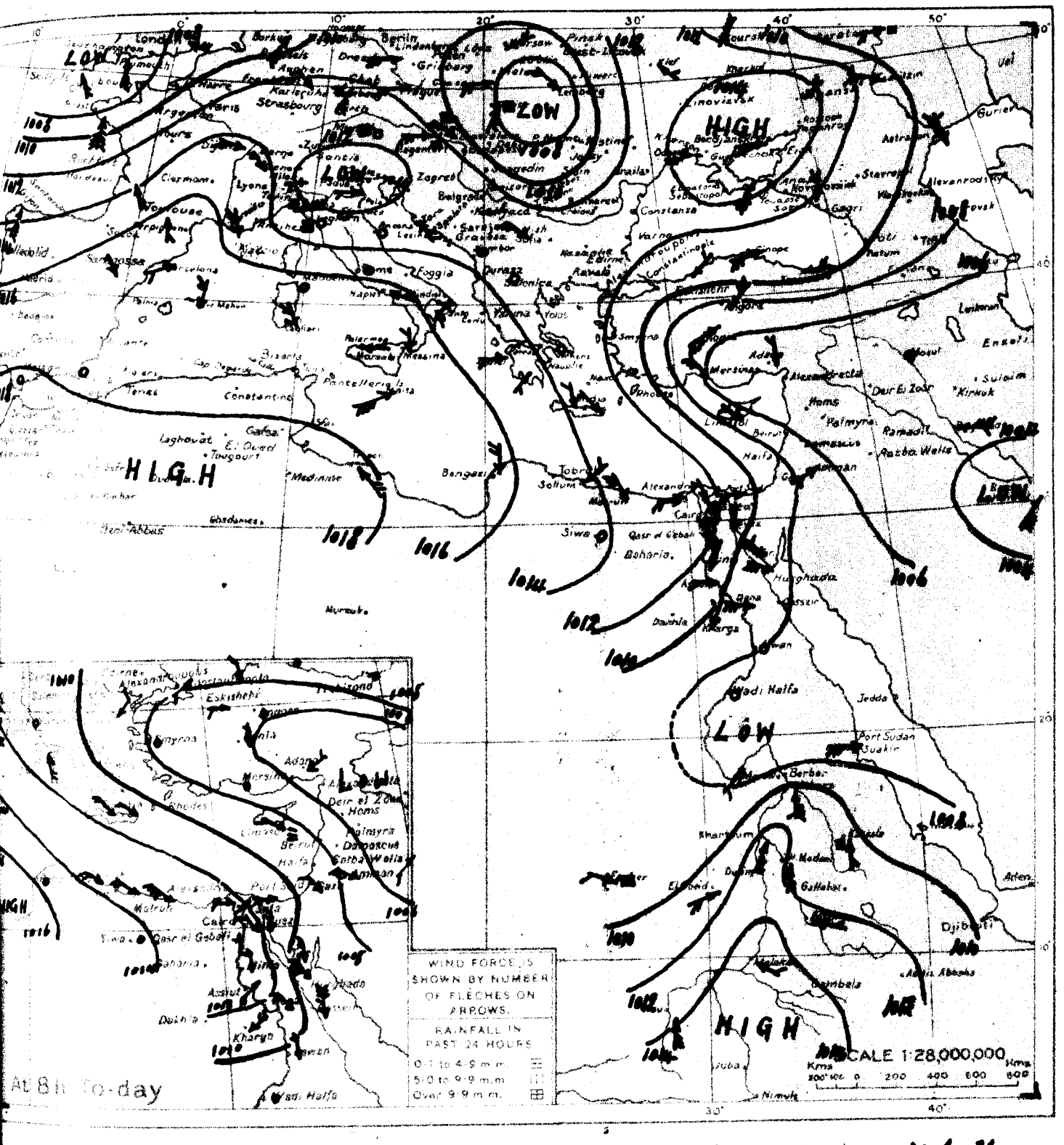
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Juba	7.6	14.22	+0.73	13.62	+0.13
Nasser	7.6	6.44	-1.11	6.45	-1.05
Malakal	8.6	10.25	-0.35	10.23	-0.36
Roseires	8.6	12.34	-0.46	12.17	-0.46
Sennar Res.	7.6	7.25	—	6.72	—
Makwar	7.6	4.96	-1.10	4.90	-1.18
Khartoum	8.6	9.81	-0.81	9.88	-0.72
Kh. el Girba					
Atbara	7.6	9.74	-0.45	9.73	-0.45
Wadi Halfa	7.6	0.69	-0.64	0.69	-0.63
Aswan Res.	8.6	104.99	—	105.22	—
" D.S.	8.6	85.24	-0.58	85.24	-0.56
El Leithi	8.6	16.79	-0.16	16.79	-0.15
Roda (Cairo)	8.6	15.75	+0.30	15.75	+0.31

PRINTED AT THE SURVEY OF EGYPT 1929(29/999/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٦-٧ Barometer and Wind at 8 h. Yesterday 7.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٦-٧ From Observations taken at 8 h. yesterday. 7.6.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.8	-0.2	+0.8	—	0	2	24	+1	—	28	—	18	—	50	—	—	—	670	—
	MALTA	1016.7	0.0	+0.4	WSW	4	0	22	-1	—	27	+2	18	0	60	—	0	338	425	1
	ATHENS	1013.5	-0.3	+0.5	—	0	0	23	0	—	—	—	16	-2	40	—	—	—	350	—
	CANDIA	1013.9	0.0	+0.3	NW	1	0	25	+2	—	26	0	18	0	—	—	0	519	457	1
	LIMASSOL	1006.0	-1.0	-5.0	WNW	1	0	26	0		30	+1	17	+1	—	—	0	389	459	1
EGYPT and SUDAN	Hurghada	1008.6	+0.7	—	NW	4	0	28.9	-3.2	—	39	—	25	—	57	—	0	0	—	2
	Merowe	1007.5	+1.1	-0.8	SW	1	2	33.0	-3.5	-1.1	46	+5	26	+1	16	-1	0	0	4	—
	Atbara	1009.8	+2.4	+2.8	S	5	0	32.0	-3.5	-2.1	43	+1	29	+3	22	+10	0	0	9	—
	Kassala	1010.6	+3.2	+1.6	S	1	1	29.5	-3.0	-1.5	39	-1	20	-5	37	-7	2	8	31	—
	Roseires	1012.8	+2.4	+2.3	ESE	1	2	27.5	+3.5	+1.3	41	+5	24	+2	60	0	0	92	134	—
	El Fasher	1008.3	-0.3	—	WNW	1	1	25.5	0.0	-2.5	40	+1	18	-4	65	+23	4	12	19	—
	El Obeid	1011.9	-0.5	+1.9	WSW	2	2	27.0	+0.8	-1.8	30	-8	20	-2	60	+7	0	18	41	—
	Wau	1014.0	+1.0	+3.6	S	3	1	25.5	+0.7	+0.3	30	-4	23	+2	80	+3	0	277	414	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 4 53

" sunset 18 55

From Observations taken at 8h. to-day.

Tuesday 9th June, 1931 ١٩٣١

الثلاثاء ٩ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1st to yesterday	Rainfall Normal from Oct. 1st to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.2	+0.8	+0.8	ENE	1	0	24.4	-1.2	+0.2	27		18		52	-14	0	57	101	2
	MATRUH	1012.2	-0.6	-0.8	NW	2	0	21.8	-0.4	-1.5	24	-3	17	-1	79	+5	0	179	158	2
	ALEXANDRIA	1012.0	0.0	-0.8	W	1	2	22.8	+0.3	-1.2	27	-1	19	-1	80	+8	0	96	190	1
	PORT SAID	~~1012.7~~	+1.6	+1.4	W	2	0	24.9	+0.6	-0.7	29	+1	20	-1	73	+5	0	62	81	1
	GAZA	—	—	—	S	1	1	25.2	+1.6	-0.3	29	+1	18	+1	71	+5	0	250	376	
	HAIFA	1009.5	+1.9	+0.2	—	0	0	26.5	+3.0	+0.5	29	0	21	+2	65	-1	0	665	646	1
LOWER EGYPT	TANTA	1012.2	+0.3	—	WSW	1	0	24.2	-0.5		32		18		68		0	35		
	EZBEKIYA	1012.2	-0.8	+0.2	NW	1	0	23.0	-1.0	-2.0	33	-1	19	0	77	+14	0	17	33	
	GIZA	1011.6	-0.8	-0.9	NNW	2	0	22.8	-1.3	—	34	-1	16	-1	75	—	0	21	30	
	HELWAN	1011.2	-1.5	-1.1	NNW	2	0	23.7	+2.1	-0.8	32	-2	19	0	51	-3	0	19	35	
	SIWA	1011.5	-2.7	-1.0	—	0	0	26.0	-1.0	+0.4	—	—	18	0	36	-17	0	38	7	
RED SEA	SUEZ	1010.0	0.0	-1.5	N	1	0	24.0	+0.2	-0.9	32	-2	20	-1	67	-2	0	28	26	1
	TOR	1009.9	+0.5	+1.2	NW	3	0	26.0	-1.6	-0.2	33	0	24	+2	76	+4	0	11	14	3
	HURGHADA	1010.4	+0.6		NNW	4	0	30.4	+2.4		33		21		45		0	0		2
	QOSSEIR	1010.7	+1.3		NW	4	0	29.7	+1.0		32		25		54		0	15		4
UPPER EGYPT	GEBALI	1012.3	-1.1	0.0	NW	1	0	26.2	+1.2	-0.5	34	-2	19	+1	54	+4	0	17		
	MINIA	1011.8	-0.9		NNE	2	0	26.5	+2.0	+0.8	33	-3	18	-1	46	-11				
	ASSIUT	1012.4	-0.2	+1.4	SSW	2	0	26.8	+0.4	-0.3	34	-3	20	-1	35	-8	0	7		
	SOHAG	1011.5	+0.9		W	2	0	28.9	-1.2	-1.9	40	0	22	0	33	-6				
	GIRGA	1011.6	+0.6		—	0	0	29.8	-0.2		37		18		25		0	1		
	ISNA	1011.1	+1.6	+1.7	—	0	0	29.0	-1.8	-2.5	41	0	24	0	29	-1				
SUDAN	WADI HALFA	1009.8	+1.5	+0.7	NNE	1	[illegible]	31.6	0.0	+1.7	45	+4	26	+3	22	+1				
	MERGAT																			
	ATBARA	1008.6	+1.0	+1.6	SSW	4	0	32.5	-0.5	-1.6	43	0	29	+3	22	+6	0	0	9	
	KHARTOUM	1010.4	+2.0	+2.2	S	5	6	29.5	-3.5	-2.4	44	+2	27	+1	47	+12	dr.	5	10	
	PORT SUDAN	1009.4	+0.6	+2.3	N	1	0	35.4	-0.3	+1.0	41	+3	26	+1	20	-19	0	29	109	1
	KASSALA																			
	WAD MEDANI	1009.4	+1.0	+0.8	S	3	3	29.2	-4.3	-0.9	43	+3	23	-1	46	+5	0	11	37	
	ROSEIRES	1010.6	+1.5	-0.1	NNW	1	2	24.5	-3.0	-1.5	39	+3	22	0	72	+12	31	123	142	
	EL FASHER	1007.0	-2.5		WSW	1	0	29.0	0.0	+1.2	42	+3	21	-1	43	0	0	12	21	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Air Observation at Khartoum at 8 h. 30 m.

Height in Feet	Knots per hour	Direction
500	5	WNW
1000	30	WNW
1500	50	NW
2000	50	WNW
3000		

General Situation

There is a shallow depression over the interior of Tripoli, and an extensive low pressure over Asia Minor and Iraq, with high pressure along the Mediterranean coast of Egypt.

هناك انخفاض قريب الغور فوق داخلية طرابلس وانخفاض
شمل فوق آسيا الصغرى والعراق ويوجد ارتفاع فوق
الساحل المصري للبحر الأبيض المتوسط.

Forecast for 24 hours from noon to day.

Light to moderate northwesterly winds. Mainly clear. Normal temperature.

رياح شمالية غربية بين الخفيفة والمعتدلة. السماء صحو على
العموم. درجة الحرارة حوالى المعدل.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	85	+13	21.6	+1.9
Ezbekiya	48	-7	19.5	-1.4
Giza	47	-3	19.1	
Helwan	49	+9	17.9	+0.7

NOTE. A dash means that figures are not available.

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
9.6	716	1043
8.6	717	1041

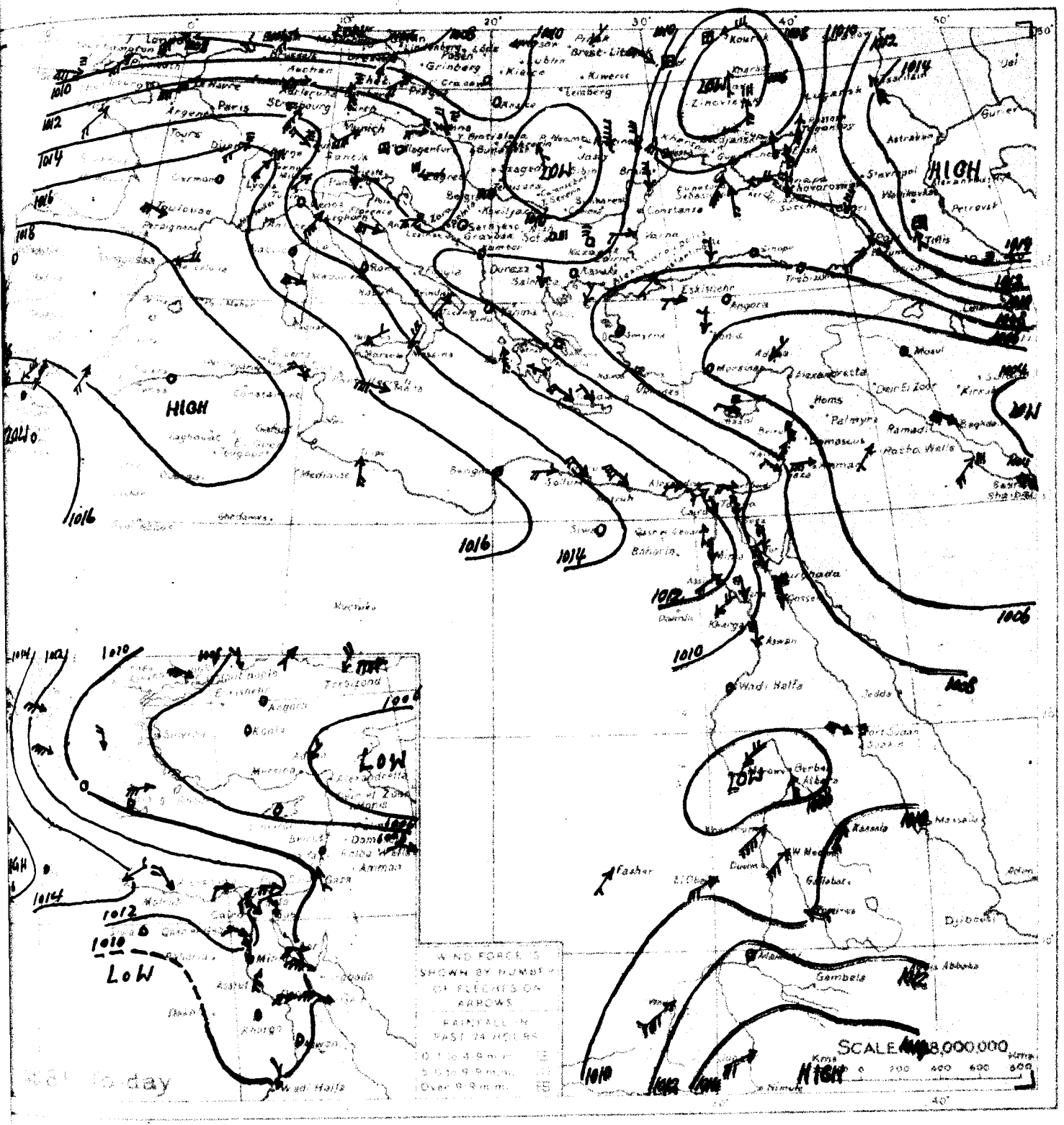
GAUGE	Date	Reading	Diff. from normal	Reading	
	1931	m	m	m	m
Juba	8.6	13.62	+0.14	14.22	+0.73
Nasser	8.6	6.46	-1.14	6.44	-1.11
Malakal	8.6	10.25	-0.85	10.23	-0.36
Roseires	9.6	13.46	+0.71	12.24	-0.46
Sennar Res.	6.6	7.32	—	7.25	—
Makwar	8.6	5.06	-1.03	4.96	-1.10
Khartoum	9.6	9.86	-0.78	9.81	-0.81
Kh. el Girba					
Atbara	8.6	9.71	-0.49	9.74	-0.45
Wadi Halfa	9.6	0.75	-0.60	0.72	-0.62
Aswan Res.	9.6	104.82	—	104.99	—
" D.S.	9.6	85.23	-0.61	85.24	-0.58
El Leithi	9.6	16.79	-0.17	16.79	-0.16
Roda (Cairo)	9.6	15.75	+0.30	15.75	+0.30

PRINTED AT THE SURVEY OF EGYPT 1928(30/6 89/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٦-٨ Barometer and Wind at 8 h. Yesterday 8. 6. 31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٦-٨ From Observations taken at 8 h yesterday. 8.6.31.

		Barometer: Reduced to Sea Level	Barometer: Change during 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change during 24 hours	Temperature: Diff from normal	Temperature: Max yesterday	Temperature: Diff from normal	Temperature: Min yesterday	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		m.m.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	[illegible]	1014.0	-1.8	-1.0	—	0	1	24	0	—	30	—	17	—	50	—	—	—	672	—
	MALTA	1014.4	-2.3	-1.9	WNW	4	0	24	+2	—	26	+1	19	+1	40	—	0	338	425	2
	ATHENS	1009.4	-4.1	-3.7	—	0	0	26	+3	—	—	—	20	+1	50	—	—	—	351	—
	CANDIA	1011.2	-2.7	-2.4	NW	1	0	27	+2	—	32	+5	17	-2	—	—	0	519	457	1
	LIMASSOL	1006.8	+0.8	-4.0	WNW	1	0	26	0		28	-2	16	0	—	—	2	391	459	2
EGYPT and SUDAN	Atbara عطبرة	1007.6	-2.2	+0.6	S	3	0	33.0	+1.0	-1.1	43	0	30	+4	25	+9	0	0	9	—
	Kassala كسلا	1010.6	0.0	+1.6	SSW	1	1	29.5	0.0	-1.4	37	-3	25	0	58	+14	0	8	32	—
	El Obeid الأبيض	1009.6	-2.0	-0.4	WSW	3	0	31.9	+4.1	+3.3	38	0	24	+2	44	-10	0	18	42	—
	Wau واو	1011.8	-2.2	+1.4	SW	5	0	26.9	+3.4	+3.8	35	+1	24	+3	68	-9	0	277	420	—
	Juba جوبا	1014.2	-0.6	—	WSW	3	2	26.3	+2.8	—	34	—	22	—	82	—	0	483	438	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04h 53m

" " sunset 18h 55m

From Observations taken at 8h. to-day.

Wednesday 10th June, 1931 ١٩٣١ الاربعاء ١٠ يونيه

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Yesterday	Diff. from normal	Minimum	Diff from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C		°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1013.1	-1.1	-0.3	NW	1	3	23.9	-0.5	-0.3	31	—	18	—		67	+1	0	57	101	3
	MATRUH	1012.2	0.0	-0.7	NW	2	3	22.8	+1.0	-0.6	24	-3	19	+1		73	-1	0	179	158	3
	ALEXANDRIA	1012.0	0.0	-0.7	W	1	3	23.3	+0.5	-0.8	27	-1	20	0		79	+7	0	96	190	1
	PORT SAID	1011.5	-1.2	+0.2	ENE	2	1	25.0	+0.1	-0.7	30	+2	20	-1		68	0	0	62	81	1
	GAZA	—	—	—	—	0	0	24.6	-0.6	-0.9	29	+1	17	-1		63	-4	0	250	376	—
	HAIFA	1009.3	-0.2	+0.1	SSE	1	0	25.1	-1.4	-1.0	29	0	21	+2		71	+5	0	665	646	2
LOWER EGYPT	TANTA	1011.9	-0.3	—	W	1	0	24.9	+0.7	—	33	—	18	—		62	—	0	35	—	—
	CAIRO EZBEKIYA	1012.0	-0.2	+0.1	NNW	1	0	24.9	+1.9	-0.2	34	0	20	+1		64	0	0	17	33	—
	CAIRO GIZA	1011.4	-0.2	-1.0	NW	1	0	24.2	+1.4	—	34	-1	18	+1		69	—	0	21	30	—
	CAIRO HELWAN	1011.2	0.0	-1.0	NW	1	0	23.6	-0.1	-0.9	33	-1	20	+1		62	+8	0	19	35	—
	SIWA	1011.8	+0.3	-0.7	—	0	0	23.7	-2.3	-1.9	—	—	20	+1		55	+2	0	88	7	—
RED SEA	SUEZ	1009.5	-0.5	-2.0	—	0	0	28.2	+4.2	+3.3	35	+1	23	+2		57	-12	0	28	26	0
	TOR	1009.9	0.0	+1.3	N	1	0	27.0	+1.0	+0.7	37	+4	21	-1		69	-3	0	11	14	1
	HURGHADA	1009.6	-0.8	—	NNW	4	0	28.6	-1.8	—	34	—	22	—		58		0	0		2
	QOSSEIR	1009.9	-0.8	—	NW	4	0	30.1	+0.4	—	31	—	25	—		48		0	15		4
UPPER EGYPT	GEBALI	1012.0	-0.3	-0.3	NW	1	0	28.0	+1.8	+1.3	36	0	20	+2		42	-9	0	17		—
	MINYA	1011.0	-0.8	—	NW	3	0	27.5	+1.0	+1.8	36	0	19	0		50	-8				—
	ASYUT	1011.5	-0.9	+0.6	W	2	0	27.4	+0.6	+0.2	36	-1	21	0		39	-4	0	7		—
	QENA	1010.6	-0.9	—	WNW	2	0	29.5	+0.6	-1.3	40	0	21	-1		29	-10				—
	KHARGA	1011.0	-0.6	—	—	0	0	29.8	0.0	—	38	—	18	—		25		0	1		—
	ASWAN	1010.0	-1.1	+0.7	—	0	0	30.0	+1.0	-1.5	38	-3	23	-2		31	+1				—
NORTH SUDAN	WADI HALFA	1010.2	+0.4	+1.1	—	0	0	30.0	-1.6	0.0	41	0	22	-1		25	+4				—
	MEROWE	1010.2	+2.7	+2.0	NE	2	0	34.5	-3.0	+0.3	47	+4	28	+2		9	-8	0	0	4	—
	ATBARA																				—
	KHARTOUM	1012.2	+1.8	+4.0	S	4	2	30.5	+1.0	-1.3	41	-1	28	+2		44	+9	0	5	10	—
SOUDAN	PORT SUDAN	1010.4	+1.0	+3.4	E	2	0	35.2	-0.2	+0.8	39	+1	26	+1		16	-23	0	29	109	2
	KASSALA																				—
	WAD MEDANI				NNE																—
	ROSEIRES	1010.4	-0.2	-0.3	NE	1	3	25.0	+0.5	-0.8	35	-1	23	+1		68	+7	0	123	146	—
	EL FASHER	1009.6	+2.6	—	WSW	1	1	27.0	-2.0	-0.8	42	+3	21	-1		52	+9	1	13	21	—
	EL OBEID																				—
	MALAKAL																				—
	WAU																				—
	JUBA																				—

TEMP. F C — PRESS. Mm. Mb.

Upper Air Observations at Helwan at h. m. 8.30

Height (metres)	Kms. per hour	Direction
500	5	SE
1000	20	WNW
1500	25	WSW
2000	30	W
3000	50	W

General Situation

There is little change in the distribution of pressure over the central Mediterranean and Egypt. Pressure north of Egypt has risen.

الحالة العامة

هناك تغيير طفيف في توزيع الضغط على اوساط البحر الابيض المتوسط ومصر وقد ارتفع الضغط شمال مصر .

Forecast for 24 hours from noon to-day.

Light to moderate northwesterly winds. Occasional medium cloud. Little change in temperature.

توقعات للظاهر حصولها في الثلاثين ساعة من ظهر اليوم الى ظهر الغد

رياح شمالية غربية بين الخفيفة والمعتدلة . يظهر السحاب الوسط أحيانا . ولا تتغير درجة الحرارة الا قليلا .

STATION	Humidity Mean of Day Yester day	Diff. from normal	Wet Bulb Temperature Mean of Day Yester day	Diff. from normal
	%	%	°C	°C
Alexandria	81	+9	20.9	+1.1
Ezbekiya	58	+3	20.1	-0.9
Giza	54	+4	19.3	
Helwan	37	-3	17.6	+0.3

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
9.6	716	1043
8.6	717	1041

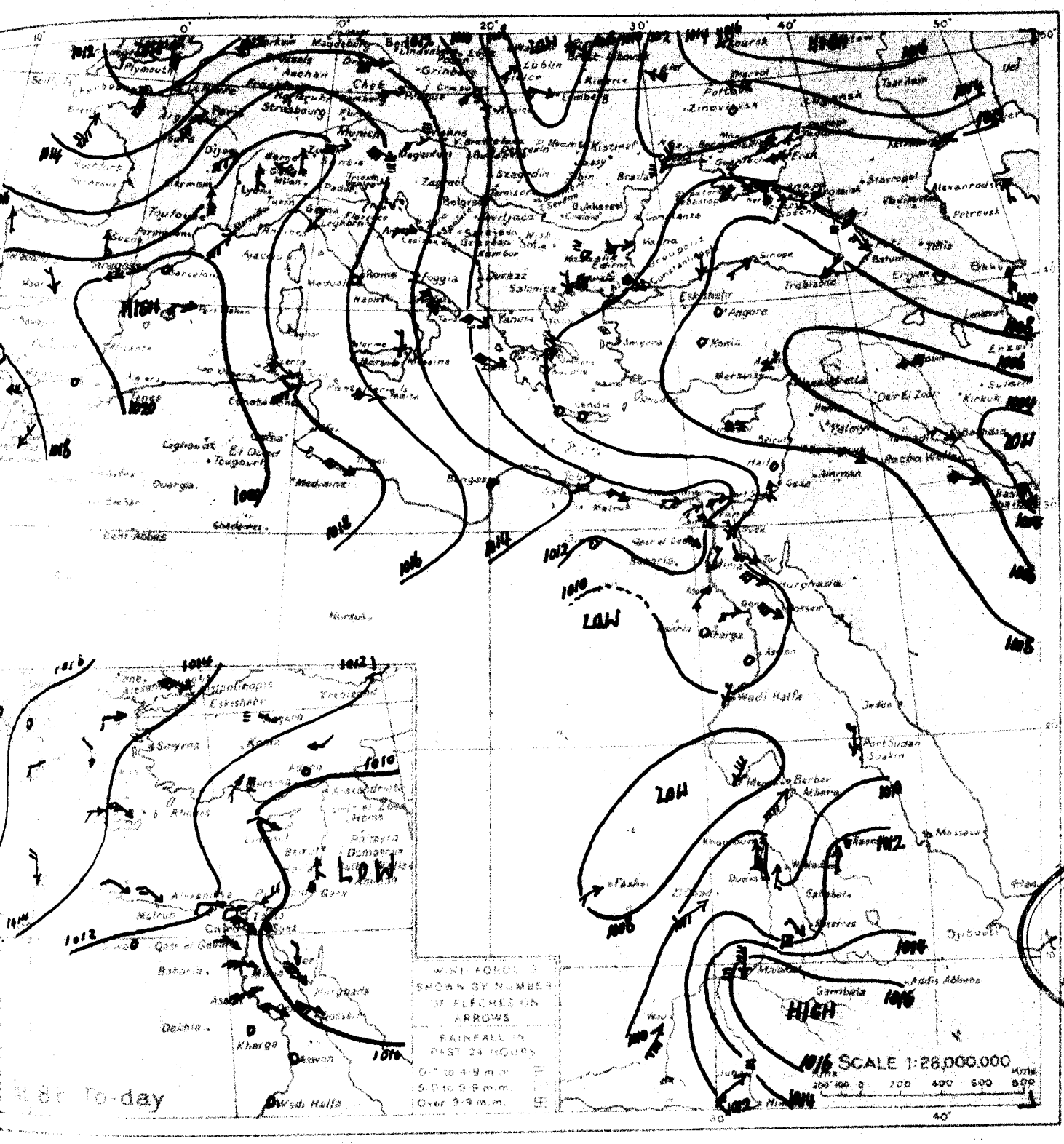
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	9.6	13.60	+0.12	13.62	+0.14
Nasser	8.6	6.46	-1.14	6.44	-1.11
Malakal	9.6	10.27	-0.37	10.25	-0.35
Roseires	9.6	13.46	+0.71	12.24	-0.46
Sennar Res.	9.6	7.32	—	7.32	—
Makwar	9.6	5.03	-1.08	5.06	-1.03
Khartoum	10.6	9.88	-0.78	9.86	-0.78
Kh. el Girbd					
Atbara	10.6	9.72	-0.49	9.71	-0.49
Wadi Halfa	10.6	0.76	-0.62	0.75	-0.60
Aswan Res.	9.6	104.82	—	104.99	—
" D.S.	9.6	85.23	-0.61	85.24	-0.58
El Leithi	10.6	16.79	-0.18	16.79	-0.17
Roda (Cairo)	10.6	15.77	+0.32	15.75	+0.30

PRINTED AT THE SURVEY OF EGYPT 1930(30/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٦-٩ Barometer and Wind at 8 h. Yesterday 9.6.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
[illegible]	6
[illegible]	7
Precipitous	8
Confused	9

LIBRARY ★ WEATHER BUREAU

٢١-٦-٩ From Observations taken at 8 h. yesterday. 9.6.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.0	+2.0	+1.0	—	0	4	24	0	—	29	—	17	—	50	—		—	673	—
	MALTA	1016.0	+1.6	-0.4	WNW	3	0	22	-2	—	26	+1	21	+3	70	—	0	338	426	2
	ATHENS	1009.9	+0.5	-3.2	N	4	0	25	-1	—	—	—	21	+2	50	—		—	351	—
	CANDIA	1009.9	-1.3	-3.7	—	0	0	27	0	—	29	+2	17	-2	—	—	0	519	458	1
	LIMASSOL	1007.9	+1.1	-2.9	—	0	0	24	-2		28	-2	16	0	—	—	2	273	460	1
EGYPT and SUDAN	Merowe مروى	1007.5	-0.1	-0.7	NE	3	0	37.5	+4.0	+3.3	47	+4	29	+3	9	-8	0	0	4	—
	Kassala كسلا	1012.3	+1.7	+3.2	S	1	1	31.0	+1.5	+0.2	39	-1	22	-3	42	-3	4	12	33	—
	El Obeid الابيض	1011.9	+2.3	+1.8	SW	5	4	26.5	-5.4	-2.2	40	+2	23	+1	59	+5	0	18	43	—
	Malakal ملكال	1006.7	+3.7	+5.2	N	4	4	23.0	-6.0	-3.0	37	+4	21	-1	66	+12	Tr.	182	247	—
	Wau واو	1011.8	0.0	+1.3	SSW	4	2	26.1	-2.8	+1.0	35	+1	24	+3	76	-1	0	277	426	—
	Juba جوبا	1013.3	-0.9	—	SW	3	2	24.7	-1.6	—	35	—	21	—	76	—	4	487	442	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 53

" sunset 18 56

From Observations taken at 8h. to-day.

Thursday 11th June, 1931 ١٩٣١ الخميس ١١ يونيه

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Max.	Temperature Diff. from normal	Temperature Min.	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Last 24 hours	Rainfall Since 1st Jan.	Rainfall Diff. since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN SOLLUM	1015.1	+2.0	+1.8	NNW	2	0	23.8	−0.1	−0.5	26	—	17	—	59	−7	0	57	101	3
MATRUH	1015.1	+2.9	+2.2	NW	2	0	23.0	+0.2	−0.5	25	−2	21	+3	81	+6	0	179	158	2
ALEXANDRIA	1013.9	+1.9	+1.3	NW	1	3	23.9	+0.6	−0.3	27	−1	20	0	79	+7	0	96	190	1
PORT SAID	1013.3	+1.8	+2.1	NNE	1	2	24.1	−0.9	−1.6	29	+1	21	0	67	−1	0	62	81	1
GAZA	—	—	—	SW	1	2	24.8	+0.2	−0.8	27	−1	19	+1	59	−8	0	250	376	
JAFFA	1010.4	+1.1	+1.3	—	0	1	25.4	+0.3	−0.8	31	+2	20	+1	65	−1	0	665	646	1
TANTA	1013.9	+2.0		WSW	1	2	23.8	−1.1		33		18		67		0	35		
ALEXANDRIA	1013.5	+1.5	+1.7	NNE	2	0	25.0	+0.1	−0.1	34	0	20	+1	68	+4	0	17	33	
CAIRO	1013.1	+1.7	+0.7	N	2	3	23.6	−0.6	—	34	−1	19	+2	72	—	0	21	30	
HELWAN	1011.9	+0.7	−0.3	NNE	3	0	24.0	+0.4	−0.6	33	−1	20	+1	63	+9	0	19	35	
SIWA	1014.6	+2.8	+2.2	—	0	0	22.5	−1.2	−3.2	—	—	21	+2	70	+16	0	38	7	
RED SEA KOSEIR	1011.1	+1.6	−0.3	NW	2	0	24.8	−3.4	−0.2	35	0	22	+1	69	−1	0	28	26	1
TOR	1009.9	0.0	+1.3	NW	3	0	26.1	−0.9	−0.2	37	+4	25	+2	76	+3	0	11	14	3
PORT SUDAN																			
SUAKIN	1010.3	+0.4		N	5	0	31.0	+0.9		32		25		46		0	15		5
[illegible]	1013.4	+1.4	+1.2	NW	3	0	24.0	−4.0	−2.7	35	−1	21	+3	67	+16	0	17		
[illegible]	1012.0	+1.0		NNW	3	0	26.0	−1.5	+0.3	36	0	22	+3	62	+4				
[illegible]	1011.9	+0.4	+1.0	WSW	2	0	27.2	−0.2	0.0	36	−1	22	+1	40	−3	0	7		
[illegible]	1010.4	−0.2		WNW	1	0	30.6	+1.1	−0.2	41	+1	24	+1	28	−11				
[illegible]	1010.8	−0.2		—	0	0	30.5	+0.7		40		20		33		0	1		
[illegible]	1010.2	+0.2	+1.0	—	0	0	30.7	+0.7	−0.9	41	0	24	−1	31	+1				
[illegible]	1008.7	−1.5	−0.3	—	0	0	30.0	0.0	0.0	42	+1	22	−1	25	+4				
[illegible]	1009.8	−0.4	+1.7	NE	1	0	35.0	+0.5	+0.8	45	+2	26	0	6	−12	0	0	4	
[illegible]	1007.5	−1.3	+0.6	SW	3	0	33.0	−3.5	−1.1	44	+1	27	+1	23	+6	0	0	9	
[illegible]	1011.8	−0.4	+3.6	SSE	4	2	29.2	−1.3	−2.6	40	−2	27	+1	52	+17	drops	5	11	
[illegible]	1010.4	0.0	+3.5	—	0	0	37.4	+2.2	+2.9	38	0	24	−1	18	−21	0	29	109	0
[illegible]	1011.2	+0.9	+2.5	S	3	2	27.0	−3.5	−3.0	41	+1	23	−1	69	+27	5	16	40	
[illegible]	1010.7	+0.3	−0.1	—	0	3	23.0	−2.0	−2.8	35	−1	21	−1	74	+13	0	123	150	

8 30 The distribution of pressure is of the normal summer type.

الا توزيع الضغط هو من الطراز العادى للصيف.

[illegible]	15	N
[illegible]	15	WNW
[illegible]	25	W
[illegible]	45	W

Forecast for 24 hours from noon to day.

Light to moderate winds, northerly inland, northwesterly on the coast.
Clear or occasional medium cloud.
Remaining cool.

رياح بين الخفيفة والمعتدلة شمالية فى الداخل وشمالية غربية على الساحل - السماء صحو أو ظاهر بالبعض السحاب المتوسط الارتفاع احيانا - يستمر الطقس مائلا للبرودة.

STATION	Maximum Yesterday	Diff. from normal	Minimum Last night	Diff. from normal
	°C	°C	°C	°C
Alexandria	81	+9	21.1	+1.2
Ezbekiya	54	−1	19.8	−1.3
Giza	52	+2	20.1	—
Helwan	46	+6	18.7	+1.3

NOTE. A dash means that figures are not available.

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Remarks

* Khashm el Girba river gauge readings commenced for the season on 7.6.31.

ملاحظة - ابتدأ رصد قراءات النيل بمقياس خشم القربة لفصل ١٩٣١ يوم ٧ يونيه.

Discharges at Aswan measured by Sudan m³ per sec. DATE	1931	1930
11.6	773	1039
10.6	716	1038

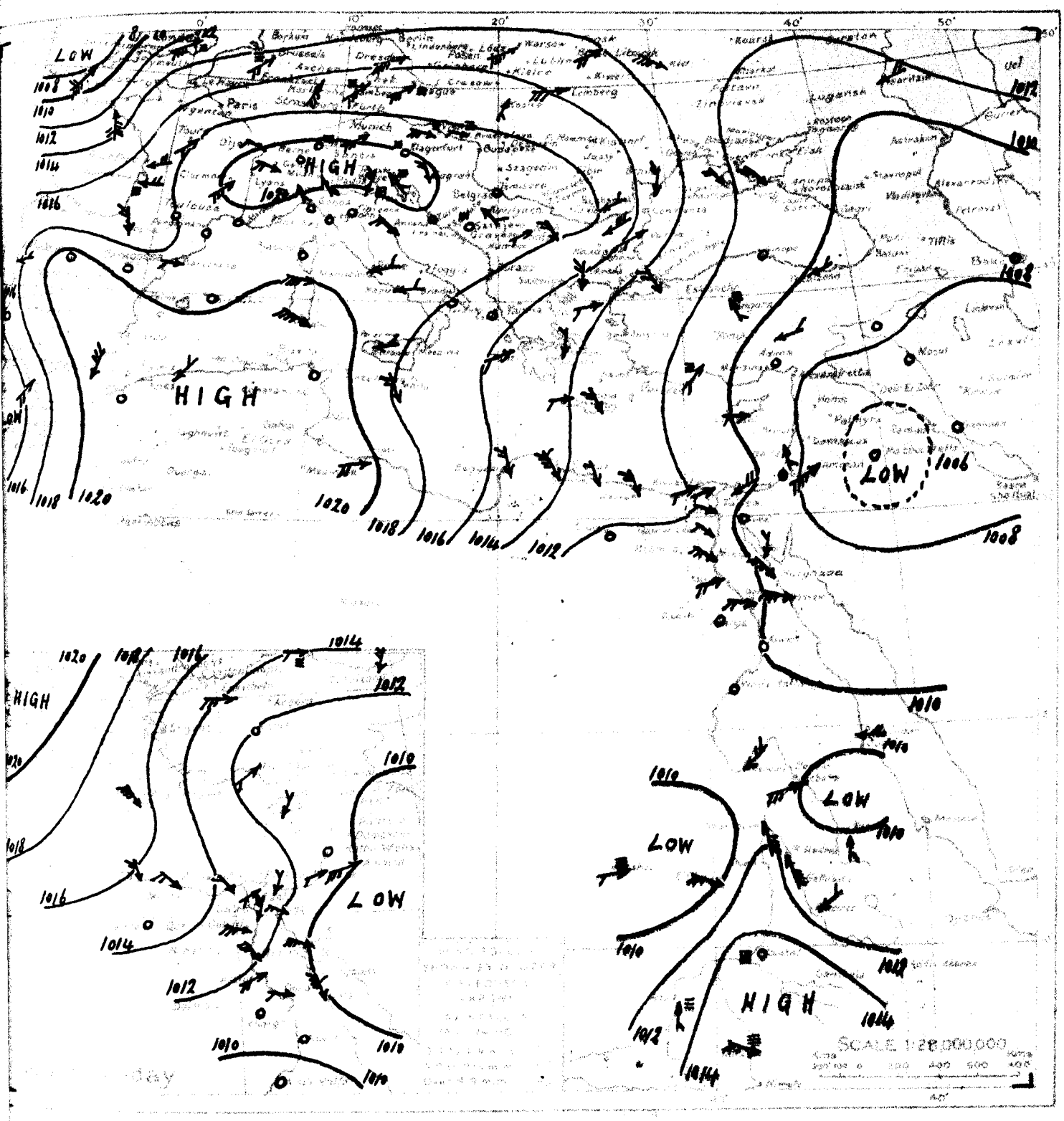
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	DATE	m	m	m	m
Dongola	10.6	13.60	+0.12	13.60	+0.12
Kosseir	10.6	6.63	−1.15	6.59	−1.10
Malakal	10.6	10.30	−0.36	10.27	−0.37
Rosaires	11.6	13.65	+0.83	12.95	+0.15
Sennar Res.	10.6	7.34	—	7.32	—
Makwar	10.6	5.05	−1.10	5.03	−1.08
Khartoum	10.6	9.88	−0.78	9.86	−0.76
Kh. el Girba	8.6	10.16	−0.36	10.38	−0.13
Atbara	10.6	9.72	−0.49	9.71	−0.49
Wadi Halfa	11.6	0.76	−0.65	0.76	−0.62
Aswan Res.	11.6	104.46	—	104.66	—
" D.S.	11.6	85.34	−0.54	85.23	−0.61
El Lahi	11.6	16.79	−0.19	16.79	−0.18
Roda (Cairo)	11.6	15.77	+0.32	15.77	+0.32

Printed at the Survey of Egypt (338/28/550/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٠-٦-٣١. Barometer and Wind at 8 h. Yesterday *10.6.31.*



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Fog	5
Haze	6
Dust storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

١٠-٦-٣١. From Observations taken at 8 h yesterday *10.6.31.*

	Barometer Reduced to 0° C.	Departure from normal	Departure from yesterday	Wind Direction	Wind Force	Sky	Temperature Shade Max.	Departure from normal	Departure from yesterday	Temperature Sun Max.	Departure from normal	Temperature Min.	Departure from normal	Humidity At 8 h.	Departure from normal	Rainfall 24 hours	Rainfall Since 1st Jan.	Rainfall Same period last year	Sea
							°C	°C	°C	°C	°C	°C	°C	%	%	m.m.	m.m.	m.m.	
Cairo	1019.6	+3.6	+4.6	E	1	0	24	0	—	29	—	17	—	50	—	—	—	674	—
Alexandria	1017.4	+1.4	+1.0	N	2	0	23	+1	—	28	+2	19	+1	50	—	0	338	426	1
Athens	1014.7	+4.8	+1.6	N	1	3	25	0	—	—	—	—	—	40	—	—	—	352	
Crete	1013.9	+4.0	+0.3	NW	2	1	24	−3	—	28	+1	19	0	—	—	0	519	458	2
Limassol	1009.1	+1.2	−1.6	WNW	1	1	24	0		28	−2	14	−2	—	—	0	393	460	0
Atbara	1008.8	+0.2	+1.9	WSW	3	0	36.5	+4.0	+2.4	43	0	30	+4	19	+3	0	0	9	—
Kassala	1010.4	−1.9	+1.3	S	1	0	30.0	−1.0	−0.8	39	−1	24	−1	53	+8	0	12	34	—
Wad Medani	1010.3	+0.9	+1.7	S	4	0	30.5	+1.3	+0.5	40	0	25	+1	46	+5	0	11	39	—
El Obeid	1010.6	−1.3	+0.5	WNW	3	2	28.5	+2.0	−0.1	35	−3	23	+1	51	−3	0	18	44	—
Malakal	1014.7	−2.0	+3.2	—	0	3	23.4	+0.4	−2.5	28	−5	20	−2	81	+6	24	206	257	—
Wau	1013.5	+1.7	+3.0	S	1	1	24.1	−2.0	−1.0	35	+1	22	+1	87	+9	3	289	431	—
Juba	1015.2	+2.3	—	WNW	3	2	25.0	+0.3	—	34	—	21	—	83	—	1	488	447	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 53 m

" " sunset 18 h 56 m

From Observations taken at 8 h. to-day.

Friday 12th June, 1931 ١٩٣١ الجمعه ١٢ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.3	-0.8	+1.0	NNW	1	1	24.7	+0.9	+0.3	27	—	19	—	66	—	0	57	101	2
	MATRUH	1013.8	-1.3	+1.0	NW	4	0	23.4	+0.4	-0.2	25	-2	20	+2	70	-5	0	179	158	5
	ALEXANDRIA	1012.4	-1.5	-0.1	WNW	2	2	23.3	-0.6	-1.0	27	-1	20	0	76	+4	0	96	190	2
	PORT SAID	1011.5	-1.8	+0.3	W	1	0	25.0	+0.9	-0.8	28	-1	21	0	73	+5	0	62	81	1
	GAZA	—	—	—	—	0	0	26.2	+1.4	+0.6	30	+1	19	+1	72	+5	0	250	376	
	HAIFA	1009.5	-0.9	+0.5	—	0	0	27.5	+2.1	+1.2	31	+2	21	+2	65	-2	0	665	646	1
LOWER EGYPT	TANTA	1012.8	-1.1	—	SW	2	4	25.5	+1.7	—	31	—	18	—	62	—	0	35		
	CAIRO EZBEKIYA	1012.4	-1.1	+0.6	NW	2	3	23.4	-1.6	-1.8	33	-2	19	0	72	+8	0	17	33	
	CAIRO GIZA	1012.0	-1.1	-0.3	NW	2	3	23.9	+0.3	—	32	-3	17	0	68	—	0	21	30	
	CAIRO HELWAN	1012.0	+0.1	-0.1	NNW	1	3	22.7	-1.3	-1.9	31	-3	18	-2	69	+15	0	19	35	
	SIWA	1014.4	-0.2	+2.1	—	0	0	22.0	-0.5	-3.7	—	—	19	0	67	+13	0	38	7	
RED SEA	SUEZ	1011.2	+0.1	-0.1	N	2	0	24.0	-0.8	-1.0	32	-3	22	+1	67	-3	0	28	26	1
	TOR	1009.1	-0.8	+0.6	NW	5	0	26.0	-0.1	-0.4	35	+2	24	+1	69	-4	0	11	14	5
	HURGHADA	1009.5	-1.2	—	NNW	5	0	28.1	-0.8	—	35	—	25	—	65		0	0		3
	QOSSEIR	1009.0	-1.3	—	N	7	0	29.2	-1.8	—	32	—	27	—	54		0	15	—	7
UPPER EGYPT	GEBALI	1013.8	+0.4	+1.6	NW	2	0	24.5	+0.5	-2.3	34	-2	19	0	60	+9	0	17		
	MINYA	1012.6	+0.6	—	NE	3	0	24.5	-1.5	-1.3	34	-2	20	0	60	+2				
	ASSIUT	1012.7	+0.8	+1.9	WNW	2	0	25.7	-1.5	-1.5	36	-1	22	+1	56	+12	0	7		
	QENA	1010.4	0.0		W	2	0	30.0	-0.6	-0.8	41	+1	23	0	32	-7				
	KHARGA	1012.8	+2.0	—	NE	1	0	28.3	-2.2	—	39	—	24	—	41		0	1	—	
	ASWAN	1009.6	-0.6	+0.4	NE	3	0	31.2	+0.5	-0.4	40	-1	25	0	22	-8	—			
SUDAN	WADI HALFA	1009.3	+0.6	+0.4	—	0	0	28.6	-1.4	-1.4	44	+3	23	0	26	+5				
	MEROWE	1007.8	-2.0	-0.3	NE	3	0	35.5	+0.5	+1.3	46	+3	28	+2	7	-11	0	0	4	
	ATBARA	1008.6	+1.1	+1.8	NNE	2	0	36.0	+3.0	+1.9	44	+1	27	+1	15	-2	0	0	9	
	KHARTOUM	1009.8	-2.0	+1.5	SSW	2	0	31.6	+2.4	-0.2	43	+1	26	0	45	+9	0	5	11	
	PORT SUDAN	1006.7	-3.7	-0.1	NE	1	0	34.7	-2.7	+0.1	40	+2	25	0	27	-12	0	29	109	1
	KASSALA	1010.4	-0.2	+1.2	E	2	1	30.5	+0.5	-0.1	40	+1	24	-1	50	+4	0	12	36	
	WAD MEDANI																			
	ROSE RES.	1008.4	-2.3	-2.4	—	0	2	27.5	+4.5	+1.8	33	-3	22	0	60	-2	0	123	154	
	EL FASHER	1007.0	-2.1	—	WNW	1	0	29.0	+2.0	+1.3	42	+3	20	-2	46	+2	0	14	22	
	EL OBEID	1011.2	+1.7	+1.1	SW	2	2	26.0	-4.5	-2.5	31	-7	20	-2	67	+12	5	23	46	
	MALAKAL	1012.3	+0.4	+0.7	SSW	2	2	22.0	-6.3	-3.8	31	-2	19	-3	93	+18	6	212	262	
	WAU	1011.4	-1.4	+0.8	S	2	1	25.0	-2.3	0.0	35	+1	23	+2	72	-6	0	280	442	
	JUBA	1013.5	0.0	—	NNW	1	2	25.1	-0.6	—	32	—	21	—	83	—	0	488	457	

Upper Wind Observations at noon at h. m.

Height (metres)	Kms. per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

سقوط خفيف في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	75	+3	20.7	+0.7
Ezbekiya	57	+2	20.8	-0.3
Giza	60	+10	20.0	—
Helwan	50	+9	18.8	+1.4

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
11.6	773	1039
10.6	716	1038

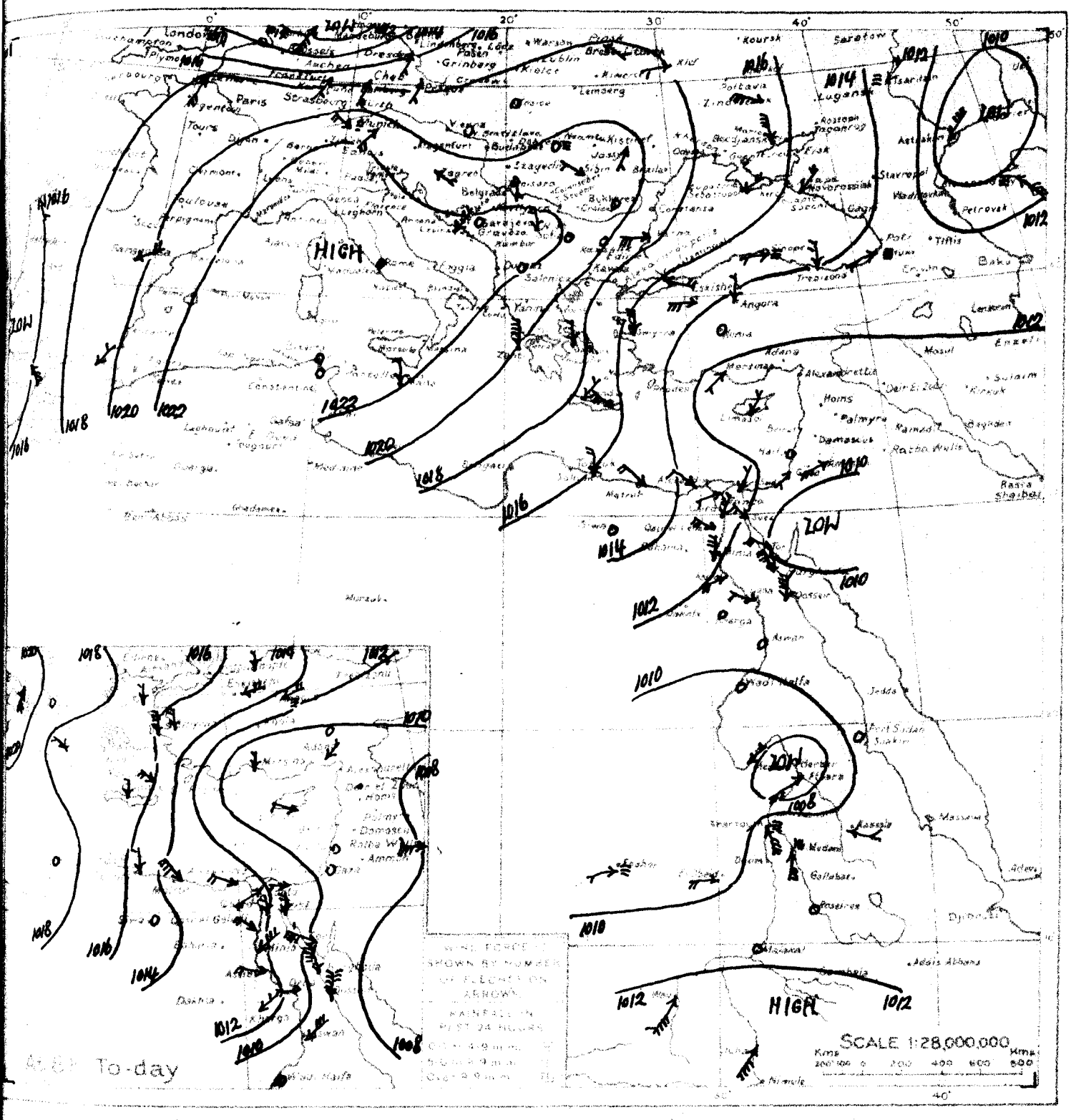
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Reading m.	Diff. from normal m.
Juba	12.6	13.60	+0.13	13.55	+0.08
Nasser	10.6	6.63	-1.15	6.59	-1.10
Malakal	10.6	10.30	-0.36	10.27	-0.37
Roseires	11.6	13.65	+0.83	12.95	+0.15
Sennar Res.	10.6	7.34	—	7.32	—
Makwar	10.6	5.05	-1.10	5.03	-1.08
Khartoum	10.6	9.88	-0.78	9.86	-0.76
Kh. el Girba	9.6	10.14	-0.40	10.16	-0.38
Atbara	10.6	9.72	-0.49	9.71	-0.49
Wadi Halfa	11.6	0.76	-0.65	0.76	-0.62
Aswan Res.	11.6	104.46	—	104.66	-71
" D.S.	11.6	85.34	-0.54	85.23	-0.61
El Leithi	12.6	16.82	-0.17	16.79	-0.19
Roda (Cairo)	11.6	15.77	+0.32	15.77	+0.32

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٣١ - ٦ - ١١ Barometer and Wind at 8 h. Yesterday 11.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ٦ - ١١ From Observations taken at 8 h. yesterday 11.6.31

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1023.2	+3.6	+8.2	—	0	1	27	+3	—	30	—	18	—	50	—	—	—	676	—
	MALTA	1021.5	+4.1	+5.1	N	1	0	24	+1	—	26	0	20	+2	50	—	0	338	426	1
	ATHENS	1018.4	+3.7	+5.3	N	1	0	23	-2	—	—	—	—	—	50	—	—	—	352	—
	CANDIA	1016.3	+2.4	+2.8	NW	4	1	24	0	—	27	0	21	+2	—	—	0	519	458	4
	LIMASSOL	1010.4	+1.3	-0.3	NNE	1	0	25	+1		28	-2	15	-2	—	—	0	393	460	1
EGYPT and SUDAN	Hurghada الغردقة	1010.7	+1.1	—	NNW	4	0	28.9	+0.3	—	34	—	23	—	63	—	0	0	—	2
	Kassala كسلا	1010.6	+0.2	+1.4	ESE	1	1	30.0	0.0	-0.7	39	0	24	-1	47	+2	0	12	35	—
	El Fasher الفاشر	1009.1	-0.5	—	W	1	0	27.0	0.0	-0.7	39	0	20	-2	52	+8	1	14	22	—
	El Obeid الأبيض	1009.5	-1.1	-0.6	W	2	4	30.5	+2.0	+2.0	38	0	26	+4	48	-7	0	18	45	—
	Malakal ملكال	1011.9	-2.8	+0.3	—	0	1	28.3	+4.9	+2.5	34	+1	23	+1	72	-3	0	206	257	—
	Wau واو	1012.8	-0.7	+2.2	SSW	5	0	27.3	+3.2	+2.2	34	0	24	+3	71	-7	0	280	437	—
	Juba جوبا	1013.5	-2.1	—	SSW	4	1	25.7	+0.7	—	34	—	22	—	79	—	0	488	452	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 53 m

" " sunset 18 h 57 m

From Observations taken at 8 h. to-day.

Saturday 13th June, 1931 ١٩٣١ السبت ١٢ يونيه

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Total from Oct. 1 to corresponding date last year	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN: SOLLUM	1013.0	−1.3	−0.2	NNW	3	0	24.1	−0.6	−0.4	27	—	20	—	77	+11	0	57	101	3
MATRUH	1013.8	0.0	+1.0	NW	5	0	23.2	−0.2	−0.5	25	−2	18	0	68	−7	0	179	158	5
ALEXANDRIA	1012.6	+0.2	+0.2	WNW	4	2	22.8	−0.5	−1.6	27	−1	20	0	74	+2	0	96	190	4
PORT SAID	1011.4	−0.1	+0.3	W	3	0	25.0	0.0	−0.9	29	0	20	−1	70	+2	0	62	81	2
GAZA	—	—	—	SE	1	3	25.1	−1.1	−0.6	27	−2	18	0	67	0	0	250	376	
HAIFA	1008.3	−1.2	−0.6	—	0	0	27.7	+0.2	+1.4	30	+1	22	+2	68	+1	0	665	646	1
LOWER EGYPT: TANTA	1012.3	−0.5	—	WNW	1	2	24.1	−1.4		31	—	18	—	62		0	35		
ZAGAZIG	1012.8	+0.4	+1.1	NW	1	3	23.1	−0.3	−2.1	32	−3	19	0	70	+6	0	17	33	—
GIZA	1012.8	+0.8	+0.5	WNW	1	3	23.2	−0.7	—	33	−2	17	0	66	—	0	21	30	
HELWAN	1013.3	+1.3	+1.3	—	0	3	22.0	−0.7	−2.6	30	−4	18	−2	72	+17	0	19	35	
SIWA	1015.9	+1.5	+3.6	—	0	0	22.5	+0.5	−3.3	—	—	19	0	66	+12	0	38	7	
RED SEA: SUEZ	1010.2	−1.0	−1.1	N	2	0	24.0	0.0	−1.1	33	−2	21	0	67	−3	0	28	26	2
TOR	1010.0	+0.9	+1.6	NW	4	0	26.0	0.0	−0.4	34	+1	24	+1	69	−4	0	11	14	4
HURGHADA	1010.6	+1.1		NNW	5	0	29.0	+0.9		32		23		59		0	0		3
QOSSEIR	1011.8	+2.8		N	6	0	29.0	−0.2		31		25		65		0	15		6
[illegible]	1014.3	+0.5	+2.2	NW	2	0	23.0	−1.5	−3.8	33	−3	19	0	66	+14	0	17		
[illegible]	1014.0	+1.4		ENE	2	0	23.2	−1.3	−2.6	32	−4	18	−2	65	+7				
[illegible]	1014.0	+1.3	+3.2	WNW	2	0	25.4	−0.3	−1.8	33	−4	20	−1	49	+5	0	7		
[illegible]	1011.9	+1.5		WSW	2	0	28.9	−1.1	−2.0	38	−2	21	−2	35	−4				
[illegible]	1013.1	+0.3		—	0	0	29.1	+0.8		35		21		35		0	1		
[illegible]	1011.9	+2.3	+2.8	NE	2	0	28.6	−2.6	−3.0	38	−3	24	−1	20	−10				
[illegible]	1011.8	+2.5	+2.9	N	1	0	28.6	0.0	−1.5	40	−1	22	−1	26	+5				
[illegible]	1010.2	+0.4	+1.9	ESE	1	0	33.9	+2.3	+2.1	43	+1	28	+2	31	−5	0	5	11	
[illegible]	1008.7	+0.3	−2.2	E	2	3	23.0	−4.5	−2.6	38	+3	20	−2	74	+11	15	138	157	
[illegible]	1011.5	+0.1	+0.9	SSW	5	1	26.4	+1.4	+1.4	34	+1	21	0	77	−1	25	305	448	

General Situation

9 30

Apart from a slight fall in the pressure over the central and eastern Mediterranean, there is no change in the general distribution of pressure.

ما عدا هبوط طفيف فى الضغط على الوسط وشرق البحر الابيض المتوسط فانه توزيع الضغط العام لم يتغير

500	5	WNW
1000	10	NW
1500	20	NW
2000	40	WNW

Forecast for 24 hours from noon to-day.

Moderate northwesterly winds.
Some low and medium cloud.
Slightly warmer tomorrow but temperature remaining below normal.

رياح معتدلة شمالية غربية - يظهر بعض السحب المتوسط والمنخفض - يميل الطقس للدفء قليلا غدا الا انه يظل دون المعدل.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	74	+2	20.5	+0.4
Ezbekiya	60	+5	20.2	−1.0
Giza	60	+10	19.7	—
Helwan	55	+14	18.7	+1.2

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices in m.3 per sec. DATE	1931	1930
13.6	774	1037
12.6	772	1037

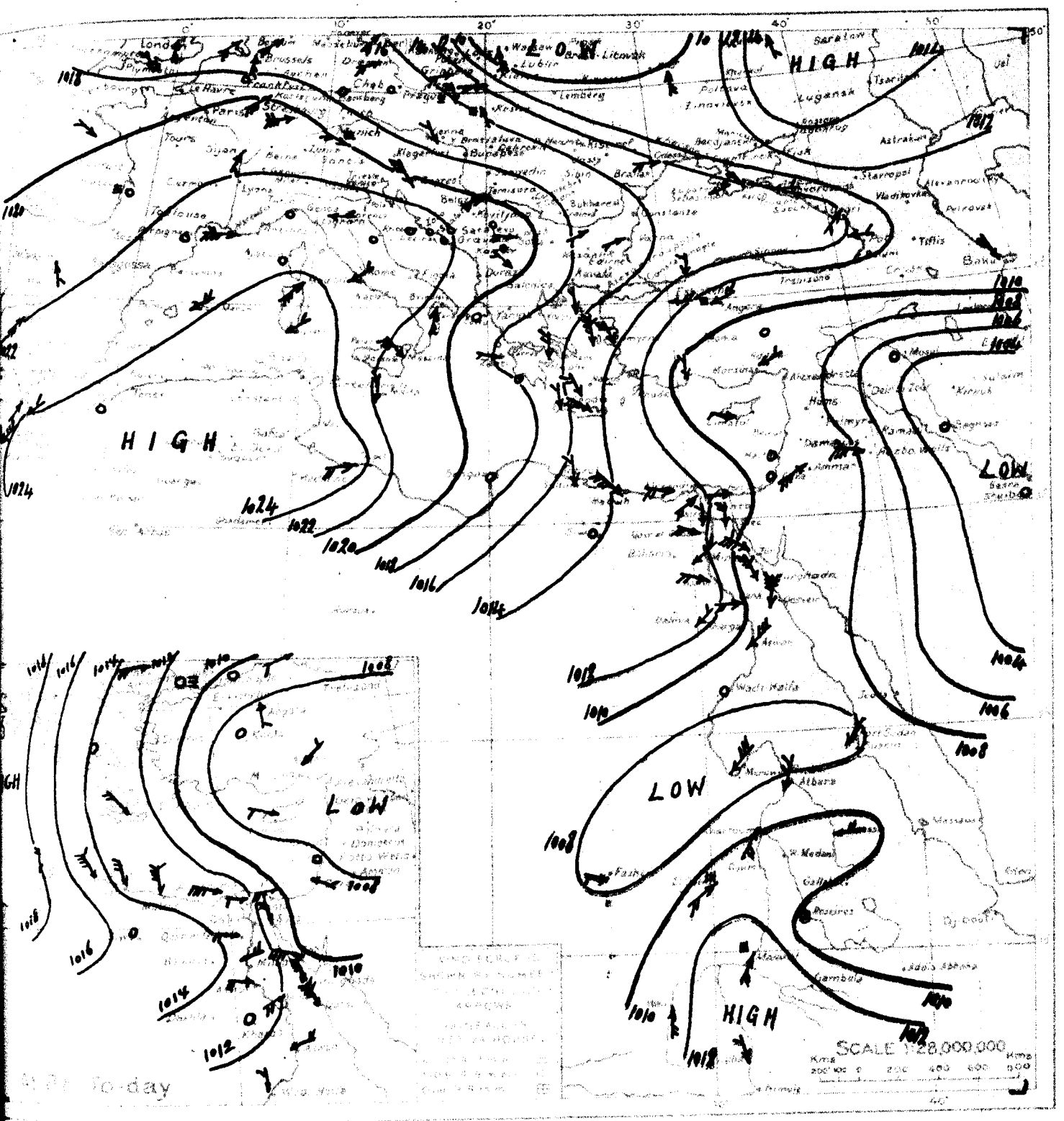
GAUGE	Data 1931	Reading m	Diff from normal m	Reading m	Diff from normal m
Juba	12.6	13.60	+0.13	13.55	+0.08
Nasser	10.6	6.63	−1.15	6.59	−1.10
Malakal	12.6	10.34	−0.37	10.31	−0.39
Roseires	13.6	14.70	+1.77	13.29	+0.44
Sennar Res.	10.6	7.34	—	7.32	—
Makwar	10.6	5.05	−1.10	5.03	−1.08
Khartoum	12.6	10.08	−0.65	9.96	−0.73
Kh. el Girba	11.6	10.70	+0.08	10.19	−0.37
Atbara	12.6	9.72	−0.53	9.71	−0.52
Wadi Halfa	13.6	0.76	−0.69	0.76	−0.67
Aswan Res.	13.6	103.99	—	104.21	—
" D.S.	13.6	85.36	−0.56	85.36	−0.54
El Leithi	13.6	16.82	−0.18	16.82	−0.17
Roda (Cairo)	13.6	15.79	+0.33	15.79	+0.34

PRINTED AT THE SURVEY OF EGYPT 1929 (25/659/5) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٢-٦-٣١. Barometer and Wind at 8 h. Yesterday 12.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
Hull	6
Very high	7
Precipitous	8
Confused	9

١٢-٦-٣١. From Observations taken at 8 h yesterday 12.6.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN																			
ROME	1022.6	-0.6	+7.5	NE	1	0	25	-2	—	32	—	18	—	50	—	—	—	677	—
MALTA	1021.7	+0.2	+4.3	N	2	8	23	-1	—	26	0	20	+2	70	—	0	338	426	2
ATHENS	1017.0	-1.4	+3.9	N	2	1	25	+2	—	—	—	—	—	40	—	—	—	353	—
CANDIA	1015.5	-0.8	+2.0	NW	4	2	23	-1	—	26	-1	21	+2	—	—	0	519	458	5
LIMASSOL	1008.6	-1.8	-2.0	WNW	1	0	26	+1		29	-1	16	-1	—	—	0	393	460	1
EGYPT and SUDAN																			

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 4h 53m

" " sunset 18h 57m

From Observations taken at 8h. to-day.

Sunday 14th June, 1931 ١٩٣١ الاحد ١٤ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.8	+0.8	+2.6	NNW	3	0	25.7	+1.6	+1.1	29		18		59	-7	0	57	181	4
	MATRUH	1013.3	-0.5	+0.6	NW	3	0	23.8	+0.6	+0.1	24	-3	20	+1	77	+2	0	179	158	4
	ALEXANDRIA	1012.2	-0.4	-0.2	W	3	3	23.8	+1.0	-0.7	27	-1	21	+1	83	+11	0	96	190	3
	PORT SAID	1011.2	-0.2	+0.2	W	1	0	25.2	+0.2	-0.8	30	+1	21	0	74	+6	0	62	81	1
	GAZA																			
	HAIFA	1008.8	+0.5	0.0	SSE	1	0	28.9	+1.2	+2.5	31	+2	22	+2	55	-12	0	665	646	3
LOWER EGYPT	TANTA	1012.6	+0.3	—	SW	1	2	24.5	+0.4		31		18		73		0	35		
	CAIRO EZBEKIYA	1012.0	-0.8	+0.3	W	1	1	24.0	+0.9	-1.2	31	-4	19	0	75	+10	0	17	33	
	GIZA	1012.0	-0.8	-0.2	NW	1	2	23.8	+0.6	—	32	-3	16	-1	73	—	0	21	30	
	HELWAN	1012.2	-1.1	+0.2	W	1	2	22.7	+0.5	-2.0	29	-5	18	-2	75	+20	0	19	35	
	SIWA	1014.4	-1.5	+2.2	—	0	0	25.0	+2.5	-0.8	—	—	20	+1	47	-7	0	38	7	
RED SEA	SUEZ	1010.2	0.0	-1.0	N	2	0	24.5	+0.5	-0.6	34	-1	20	-1	64	-6	0	28	26	2
	TOR	1009.6	-0.4	+1.3	NW	5	0	26.0	0.0	-0.4	34	+1	25	+2	69	-4	0	11	14	5
	HURGHADA	1010.4	-0.2	—	NNW	5	0	28.1	-0.9	—	32	—	22		66		0	0		3
	QOSSEIR	1011.8	0.0	—	NNW	6	0	29.4	+0.4	—	30	—	24		59		0	15		6
UPPER EGYPT	GEBEL	1013.8	-0.5	+1.8	NW	1	0	24.6	+1.6	-2.3	32	-4	18	-1	60	+8	0	17		
	MINYA	1013.3	-0.7	—	NNW	2	0	24.2	+1.0	-1.6	32	-4	18	-2	57	-2				
	ASIUT	1012.8	-1.2	+2.1	NW	2	0	26.2	+0.8	-1.1	32	-5	20	-1	49	+5	0	7		
	QENA	1011.2	-0.7	—	SSW	2	0	28.2	-0.7	-2.7	37	-3	21	-2	36	-3				
	KOSSEIR	1012.6	-0.5		—	0	0	27.2	-1.9		35		17		35		0	1		
	ASWAN	1011.8	-0.1	+2.8	—	0	0	27.7	-0.9	-4.0	36	-5	21	-4	35	+5				
NUBIA	WADI HALFA	1012.0	+0.2	+3.2	—	0	0	26.8	-1.8	-3.3	37	-4	20	-3	25	+4				
	WADI KAMAL	1010.6	+0.4	+2.5	NE	2	0	32.0	-1.5	-2.2	42	-1	23	-3	14	-4	0	0	4	
SUDAN	KHARTOUM	1009.1	-1.1	+0.8	NNE	2	0	30.8	-3.1	-1.0	41	-1	26	0	15	-21	0	5	11	
	KOR. SUDAN	1009.1	0.0	+2.5	N	3	0	33.5	+0.1	-1.2	36	-3	25	0	17	-22	0	29	109	3
	WADI MEDANI	1009.4	-0.4	+0.6	S	2	0	32.5	+1.5	+2.8	42	+2	24	0	21	-23	0	16	44	
EQUATORIAL PROVINCES																				
	WADI HALFA	1010.2	+0.3	0.0	WNW	2	0	29.5	-1.5	+1.1	40	+2	22	0	49	-7	0	23	48	

Upper Air Observations at 8h 45m

General Situation

There is little change in the distribution of pressure

لم يتغير توزيع الضغط الا قليلا .

Height (metres)	Speed per hour	Direction
500	5	WSW
1000	25	NW
1500	25	WNW
2000	30	NW
3000		

Forecast for 24 hours from noon to-day.

Light to moderate northwesterly winds. Occasional low and medium cloud. Slightly warmer.

رياح شمالية غربية بين الخفيفة والمعتدلة . يظهر بعض السحب المنخفضة أو المتوسطة الارتفاع أحيانا . الطقس أميل للدفء قليلا .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	80	+8	21.8	+1.7
Ezbekiya	60	+5	20.1	-1.1
Giza	55	+5	19.4	
Helwan	53	+12	18.3	+0.7

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
14.6	774	1038
13.6	774	1037

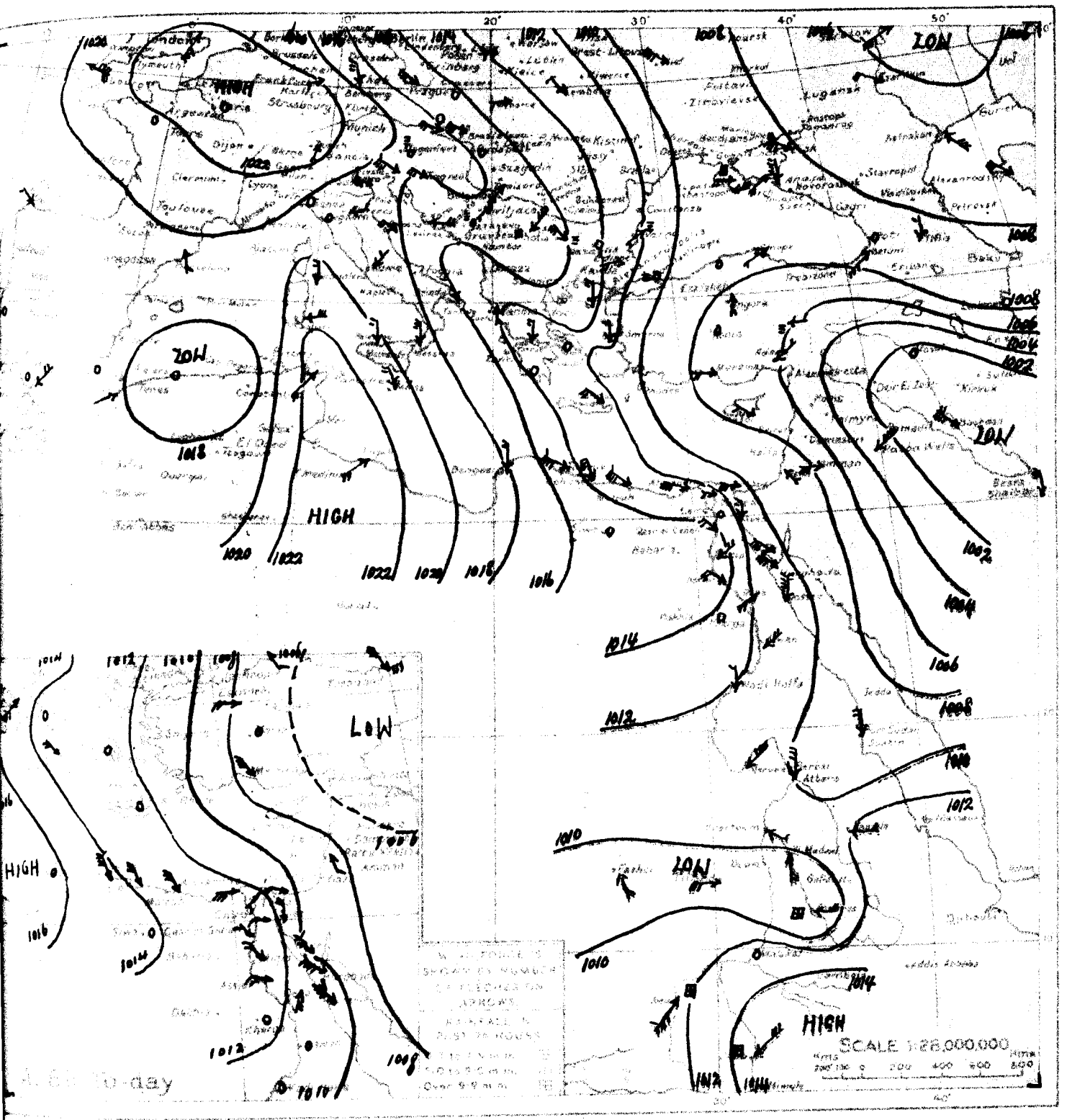
GAUGE	Date 1931	Reading m	Diff. from normal m	Rise Reading m	Rise Diff. from normal m
Juba	13.6	13.58	+0.11	13.60	+0.13
Nasser	12.6	6.59	-1.31	6.58	-1.27
Malakal	13.6	10.36	-0.37	10.34	-0.37
Roseires	13.6	14.70	+1.77	13.29	+0.44
Sennar Res	12.6	7.64	—	7.71	—
Makwar	12.6	5.75	-0.49	5.27	-0.93
Khartoum	14.6	10.16	-0.63	10.14	-0.62
Kh. el Girba	13.6	10.98	+0.23	10.92	+0.24
Atbara	13.6	9.72	-0.54	9.72	-0.53
Wadi Halfa	14.6	0.77	-0.71	0.76	-0.69
Aswan Res.	14.6	103.77	—	103.99	—
" D.S.	14.6	85.36	-0.58	85.36	-0.56
El Leithi	14.6	16.83	-0.18	16.82	-0.18
Roda (Cairo)	13.6	15.79	+0.33	15.79	+0.34

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٦-١٣ Barometer and Wind at 8 h. Yesterday 13.6.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
¼ Covered	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rain	5
Snow	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٦-١٣ From Observations taken at 8 h. yesterday. 13.6.31.

	Station	Barometer: Reduced to sea level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Max. yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MED. TERRANEAN	ROME	1019.9	-2.7	+4.8	NE	1	0	26	+1	—	33	—	20	—	50	—	—	—	678	—
	MALTA	1019.8	-1.9	+3.2	NNW	2	0	26	+3	—	28	+2	22	+4	70	—	0	338	426	1
	ATHENS	1013.9	-3.1	+0.9	—	0	4	27	+2	—	—	—	—	—	40	—	—	—	353	—
	CANDIA	1013.6	-1.9	+0.1	NW	2	1	27	+4	—	26	-1	21	+2	—	—	0	519	458	2
	LIMASSOL	1007.4	-1.2	-3.2	WNW	1	0	26	0	—	29	-1	15	-2	—	—	0	393	460	0
EGYPT and SUDAN	Merowe	1010.2	+2.4	+2.1	NE	4	0	33.5	-2.0	-0.7	45	+2	27	+1	13	-5	0	0	4	—
	Nhara	1009.1	+0.5	+2.3	N	3	0	34.0	-2.0	-0.1	44	+1	27	+1	24	+7	0	0	9	—
	Port Sudan	1009.1	+2.4	+2.4	N	2	0	33.4	-1.8	-1.3	36	-2	24	-1	43	+6	0	29	109	2
	Kassala	1012.3	+1.9	+3.0	E	1	1	30.5	0.0	0.0	40	+1	24	-1	47	+1	0	12	37	—
	Wad Medani	1009.8	-0.8	+1.1	S	2	1	31.0	+2.5	+1.2	41	+1	23	-1	47	+4	0	16	43	—
	El Fasher	1008.0	+1.0	—	SSE	1	2	28.0	-1.0	+0.3	41	+2	22	0	51	+6	0	14	23	—
	El Obeid	1009.9	-1.3	-0.3	W	3	1	31.0	+5.0	+2.6	37	-1	23	+1	47	-9	0	23	47	—
	Malakal	1012.6	+0.3	+1.0	—	0	1	27.3	+5.3	+1.6	34	+1	22	0	68	-7	0	212	267	—
	Juba	1014.6	+1.1	—	NE	3	4	21.3	-3.8	—	34	—	20	—	97	—	25	513	462	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 53 m

" " sunset 18 h 57 m

From Observations taken at 8h. to-day.

Monday 15th June, 1931 — الاثنين ١٥ يونيه ١٩٣١

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1015.8	+2.0	+2.7	NNE	1	0	24.9	−0.8	+0.2	30	—	19	—	73	+7	0	57	101	1
	MATRUH	1015.1	+1.8	+2.4	NW	3	0	23.4	−0.4	−0.4	25	−2	19	0	77	+2	0	179	158	4
	ALEXANDRIA	1013.1	+0.9	+0.8	WNW	2	0	24.2	+0.4	−0.3	28	−1	21	+1	80	+8	0	96	190	2
	PORT SAID	1012.2	+1.0	+1.2	N	2	1	26.7	+1.5	+0.7	31	+2	22	+1	68	0	0	62	81	1
	GAZA	—	—	—	W	1	0	25.7	+0.3	−0.1	28	−1	18	0	70	+2	0	251	376	
	HAIFA	1009.0	+0.2	+0.3	SSE	1	0	27.8	−1.1	+1.4	31	+2	22	+2	69	+2	0	665	646	1
LOWER EGYPT	TANTA	1012.6	0.0	—	SW	1	0	25.8	+1.3	—	33	—	19	—	63	—	0	35		—
	CAIRO: EZBEKIYA	1012.8	+0.8	+1.2	—	0	2	24.0	0.0	−1.2	34	−1	20	+1	75	+10	0	17	33	—
	CAIRO: GIZA	1012.7	+0.7	+0.6	—	0	2	23.0	−0.8	—	34	−1	19	+1	76	—	0	21	30	—
	CAIRO: HELWAN	1012.7	+0.5	+0.8	NNW	2	0	22.9	+0.2	−1.8	31	−4	20	0	71	+16	0	19	35	
	SIWA	1014.0	−0.4	+1.9	—	0	0	28.3	+3.3	+2.4	—	—	19	0	50	−4	0	38	7	
RED SEA	SUEZ	1011.0	+0.8	−0.1	N	2	0	24.8	+0.3	−0.4	36	+1	21	0	77	+7	0	28	26	1
	TOR	1009.5	−0.1	+1.3	NW	5	0	26.2	+0.2	−0.3	32	−1	25	+2	75	+2	0	11	14	5
	HURGHADA	1010.8	+0.4	—	NNW	5	0	28.9	+0.8		32	—	24		54		0	0		3
	QOSSEIR	1011.1	−0.7	—	N	4	0	29.5	+0.1	—	30	—	26	—	61		0	15		4
UPPER EGYPT	GIRGA	1013.8	0.0	+1.8	N	1	0	25.0	+0.4	−2.0	34	−2	19	0	68	+16	0	17		
	MINIA	1012.8	−0.5	—	NNE	3	0	25.2	+1.0	−0.7	33	−3	19	−1	64	+5				
	ASSIUT	1012.7	−0.1	+2.1	WNW	3	0	26.8	+0.6	−0.5	33	−4	23	+2	54	+10	0	7		
	QENA	1010.7	−0.5	—	WSW	2	0	30.0	+1.8	−0.9	38	−3	23	0	37	−2				
	KHARGA	1012.0	−0.6		NNE	1	0	30.0	+2.8	—	36	—	20		39		0	1		
	ASWAN	1010.3	−1.5	+1.3	—	0	0	29.0	+1.3	−2.7	36	−6	22	−3	34	+4				
SUDAN	WADI HALFA	1010.7	−1.3	+1.9	—	0	✓	27.6	+0.8	−2.5	37	−4	19	−4	26	+5				
	MERGAB	1010.0	−0.6	+1.9	NE	3	0	32.5	+0.5	−1.7	40	−3	23	−3	10	−8	0	0	4	
	ATBARA	1010.6	+2.7	+3.8	N	3	0	32.0	−3.0	−2.1	41	−2	23	−3	24	+7	0	0	9	
	KHARTOUM	1009.9	+0.8	+1.6	N	1	0	30.8	0.0	−0.9	40	−2	25	−1	12	−25	0	5	12	
	PORT SUDAN	1010.6	+1.5	+4.2	—	0	0	33.4	−0.1	−1.4	35	−4	23	−2	35	−4	0	29	109	0
	ASSWA																			
	WADI MEDANI	1008.4	−1.0	−0.4	N	2	0	33.0	+0.5	+3.5	41	+1	23	−1	21	−24	0	16	45	
	KOSSEIR	1009.5	+0.8	−1.5	E	1	2	29.5	+1.5	+4.0	36	+1	26	+4	55	−9	0	138	165	
	EL FASHER	1009.6	+1.4	—	SE	1	0	30.0	+2.0	+2.4	41	+3	19	−3	16	−30	0	14	24	
	EL OBEID																			
	WELLAKI																			
	WAU																			
	JUBA																			

General Situation

900

500	10	NNW
1000	25	N
1500	35	N
2000	40	N
3000		

Forecast for 24 hours from noon to-day.

Forecasts will not be issued during the Summer unless abnormal weather is expected.

لا يصدر التنبؤ بالطقس في فصل الصيف إلا في الحالات التي ينتظر فيها تقلبات جوية غير عادية.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	83	+11	22.3	+2.1
Ezbekiya	62	+7	21.7	+0.4
Giza	57	+7	20.6	—
Helwan	53	+12	19.9	+2.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
15.6	773	1039
14.6	774	1038

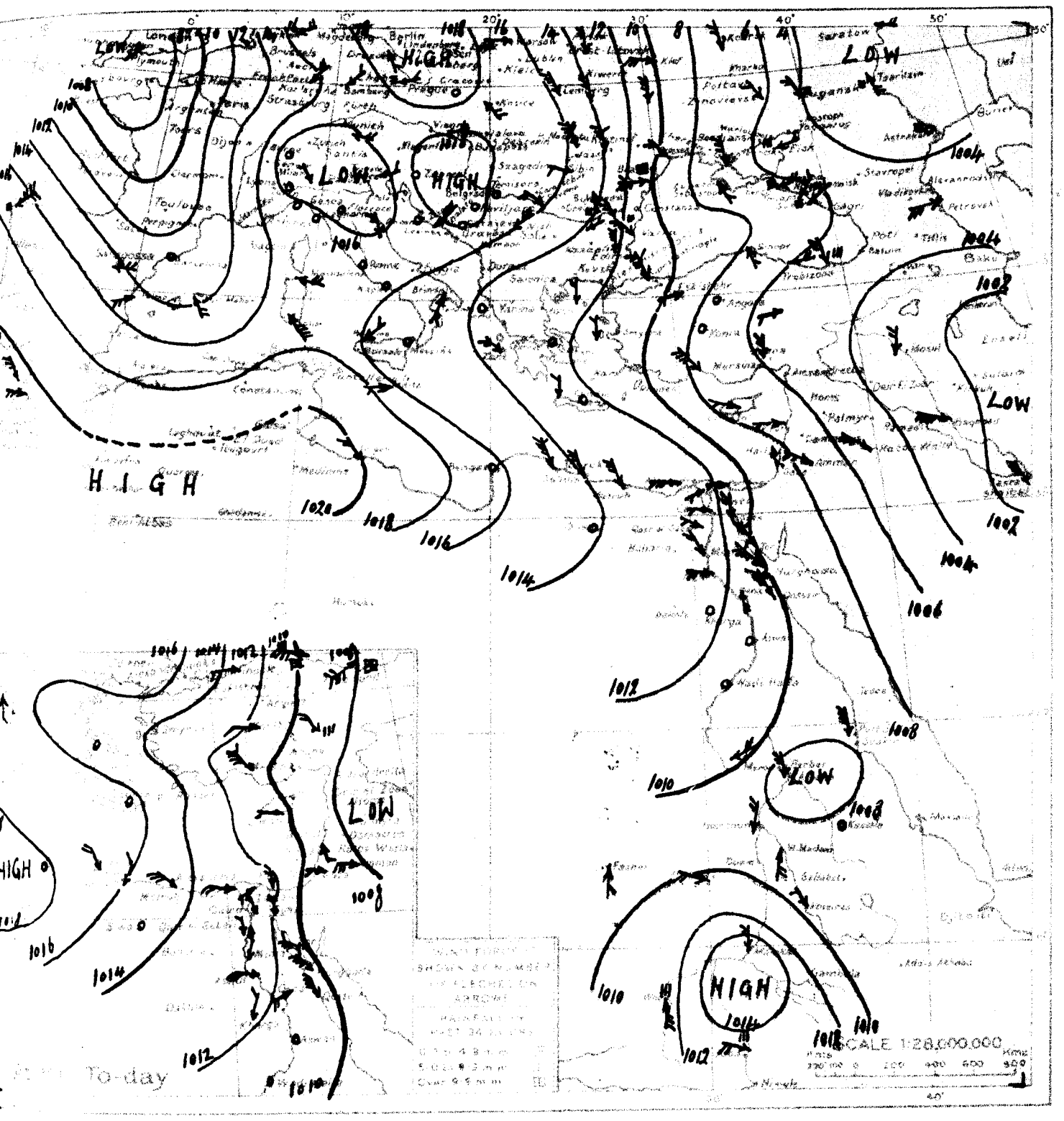
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Reading m.	Diff. from normal m.
Juba	14.6	13.69	+0.22	13.58	+0.11
Nasser	14.6	6.68	−1.32	6.61	−1.34
Malakal	14.6	10.36	−0.39	10.36	−0.37
Roseires	15.6	13.22	+0.14	13.67	+0.64
Sennar Res.	14.6	8.75	—	7.89	—
Makwar	14.6	5.80	−0.51	5.79	−0.48
Khartoum	15.6	10.28	−0.54	10.16	−0.63
Kh. el Girba	14.6	11.60	+0.75	10.98	+0.23
Atbara	15.6	9.75	−0.53	9.72	−0.55
Wadi Halfa	15.6	0.79	−0.72	0.77	−0.71
Aswan Res.	15.6	103.53		103.77	
" D.S.	15.6	85.35	−0.61	85.36	−0.58
El Leithi	15.6	16.83	−0.19	16.83	−0.18
Roda (Cairo)	15.6	15.77	+0.31	15.79	+0.33

1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٦-١٤ Barometer and Wind at 8 h. Yesterday 14.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٦-١٤ From Observations taken at 8 h. yesterday 14.6.31.

	STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change in past 24 hours	BAROMETER: Diff from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in past 24 hours	TEMPERATURE: Diff from normal	TEMPERATURE: Maximum Yesterday	TEMPERATURE: Diff from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1 to yesterday	RAINFALL: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1017.5	-2.4	+2.4	—	0	0	26	0	—	33	—	20	—	50	—	—	—	680	—
	MALTA	1016.4	-3.4	-0.2	W	1	0	27	+1	—	33	+7	22	+4	50	—	0	338	426	1
	ATHENS	1013.0	-0.9	0.0	—	0	0	28	+1	—	—	—	—	—	40	—	—	—	354	—
	CANDIA	1013.5	-0.1	0.0	—	0	0	—	—	—	30	+3	20	+1	—	—	0	519	458	2
	LIMASSOL	1007.4	0.0	-3.0	WNW	1	1	27	+1		28	-2	14	-3	—	—	0	393	461	1
EGYPT and SUDAN	Atbara	1007.9	-1.2	+1.1	N	3	0	35.0	+1.0	+0.9	44	+1	27	+1	23	+6	0	0	9	—
	Kassala	1008.8	-3.5	-0.5	—	0	0	32.0	+1.5	+1.7	40	+1	23	-2	33	-13	0	12	38	—
	Roseires	1008.7	0.0	-2.3	NNW	1	1	28.0	+5.0	+2.5	35	0	23	+1	63	0	0	138	161	—
	El Fasher	1008.2	+0.2	—	S	1	0	28.0	0.0	+0.4	40	+1	23	+1	42	-3	0	14	23	—
	Malakal	1014.2	+1.6	+2.5	N	2	1	25.0	-2.3	-0.7	35	+2	22	0	77	+1	0	212	272	—
	Wau	1010.7	-0.8	0.0	S	3	2	23.2	-3.2	-1.8	34	+1	21	0	86	+8	7	312	453	—
	Juba	1012.6	-2.0	—	WNW	2	3	23.5	+2.2	—	27	—	20	—	91	—	8	521	467	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 54 m

" " sunset 18 h 55 m

From Observations taken at 8h. to-day.

Tuesday 16th June, 1931 ١٩٣١ الثلاثاء ١٦ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1016.3	+0.5	+3.3	NNE	2	0	25.7	+0.8	+1.0	32	—	20	—	82	+16	0	57	101	2
	MATRUH	1016.6	+1.5	+4.0	NW	3	0	24.8	+1.4	+0.9	26	-1	20	+1	76	+1	0	179	158	3
	ALEXANDRIA	1015.8	+2.7	+3.6	NNE	2	0	24.2	0.0	-0.4	28	-1	20	0	75	+3	0	96	190	1
	PORT SAID																			
	GAZA	—	—	—	—	0	0	24.7	-1.0	-1.2	28	-1	17	-1	77	+9	0	251	376	—
	HAIFA	1011.4	+2.4	+2.8	ENE	3	0	29.7	+1.9	+3.2	30	0	21	+1	61	-6	0	665	646	2
LOWER EGYPT	TANTA	1015.0	+2.4	—	NW	1	2	25.3	-0.5	—	34	—	20	—	66	—	0	35	—	—
	CAIRO EZBEKIYA	1014.0	+1.2	+2.5	NE	1	3	25.0	+1.0	-0.3	35	0	22	+3	71	+6	0	17	33	—
	CAIRO GIZA	1014.2	+1.5	+2.2	NNE	2	3	24.2	+1.2	—	35	0	22	+4	80	—	0	21	30	—
	CAIRO HELWAN	1013.5	+0.8	+1.7	NNE	4	0	24.1	+1.2	-0.6	34	-1	21	+1	66	+11	0	19	35	—
	SIWA	1015.5	+1.5	+3.4	—	0	0	26.0	-2.3	+0.1	—	—	20	+1	48	-6	0	38	7	—
RED SEA	SUEZ	1012.7	+1.7	+1.7	N	3	0	25.5	+0.7	+0.3	34	-1	22	+1	76	+6	0	28	26	3
	TOR	1010.4	+0.9	+2.3	NW	5	0	26.3	+0.1	-0.2	32	-1	24	+1	76	+3	0	11	14	5
	HURGHADA	1010.3	-0.5	—	N	5	0	29.0	+0.1	—	31	—	23	—	41	—	0	0	—	3
	QOSSEIR	1009.6	-1.5	—	N	4	0	30.4	+0.9	—	32	—	25	—	55	—	0	15	—	3
UPPER EGYPT	GEBALI	1014.4	+0.6	+2.5	N	3	0	25.8	+0.8	-1.2	35	-1	20	+1	60	+8	0	17	—	—
	MINYA	1013.1	+0.3	—	NNE	2	0	25.0	-0.2	-0.9	34	-2	20	0	72	+13	—	—	—	—
	ASYUT	1013.1	+0.4	+2.6	WNW	3	0	26.1	-0.7	-1.2	35	-2	22	+1	59	+15	0	7	—	—
	QENA	1010.8	+0.1	—	WSW	2	0	29.9	-0.1	-1.1	40	-1	25	+2	32	-7	—	—	—	—
	KHARGA	1011.9	-0.1	—	N	1	0	29.3	-0.7	—	37	—	24	—	42	—	0	1	—	—
	ASWAN	1010.0	-0.3	+1.1	N	1	0	30.0	+1.0	-1.7	39	-3	24	-1	25	-6	—	—	—	—
NORTH SUDAN	WADI HALFA	1010.7	0.0	+2.0	—	0	0	28.6	+1.0	-1.5	38	-3	20	-3	26	+5	—	—	—	—
	MEROWE	1009.5	-0.5	+1.4	NE	3	0	33.5	+1.0	-0.7	42	-1	24	-2	15	-3	0	0	4	—
	ATBARA																			—
	KHARTOUM	1008.8	-1.1	+0.5	N	1	0	32.7	+1.9	+1.0	41	-1	24	-2	9	-28	0	5	12	—
EAST SUDAN	PORT SUDAN	1009.3	-1.3	+3.0	SE	1	0	33.9	+0.5	-1.0	36	-3	26	0	33	-5	0	29	109	1
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1008.6	-0.9	-2.5	—	0	1	29.5	0.0	+4.1	39	+4	25	+3	67	+3	0	138	169	—
SOUTH SUDAN	EL FASHER																			—
	EL OBEID																			—
	MALAKAL	1011.9	+0.7	+0.1	SSE	2	1	28.0	-0.4	+2.5	38	+5	23	+2	65	-11	0	212	282	—
	WAU																			—
	JUBA																			—

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Kms an hour	Direction
500	10	NNE
1000	35	NNE
1500	30	NNE
2000	30	NNE
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] من الظهر لحد يوم الظهر التالي

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	84	+12	23.7	+3.4
Ezbekiya	59	+4	21.2	-0.1
Giza	58	+8	20.8	—
Helwan	51	+10	19.5	+1.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
16.6	775	1043
15.6	773	1039

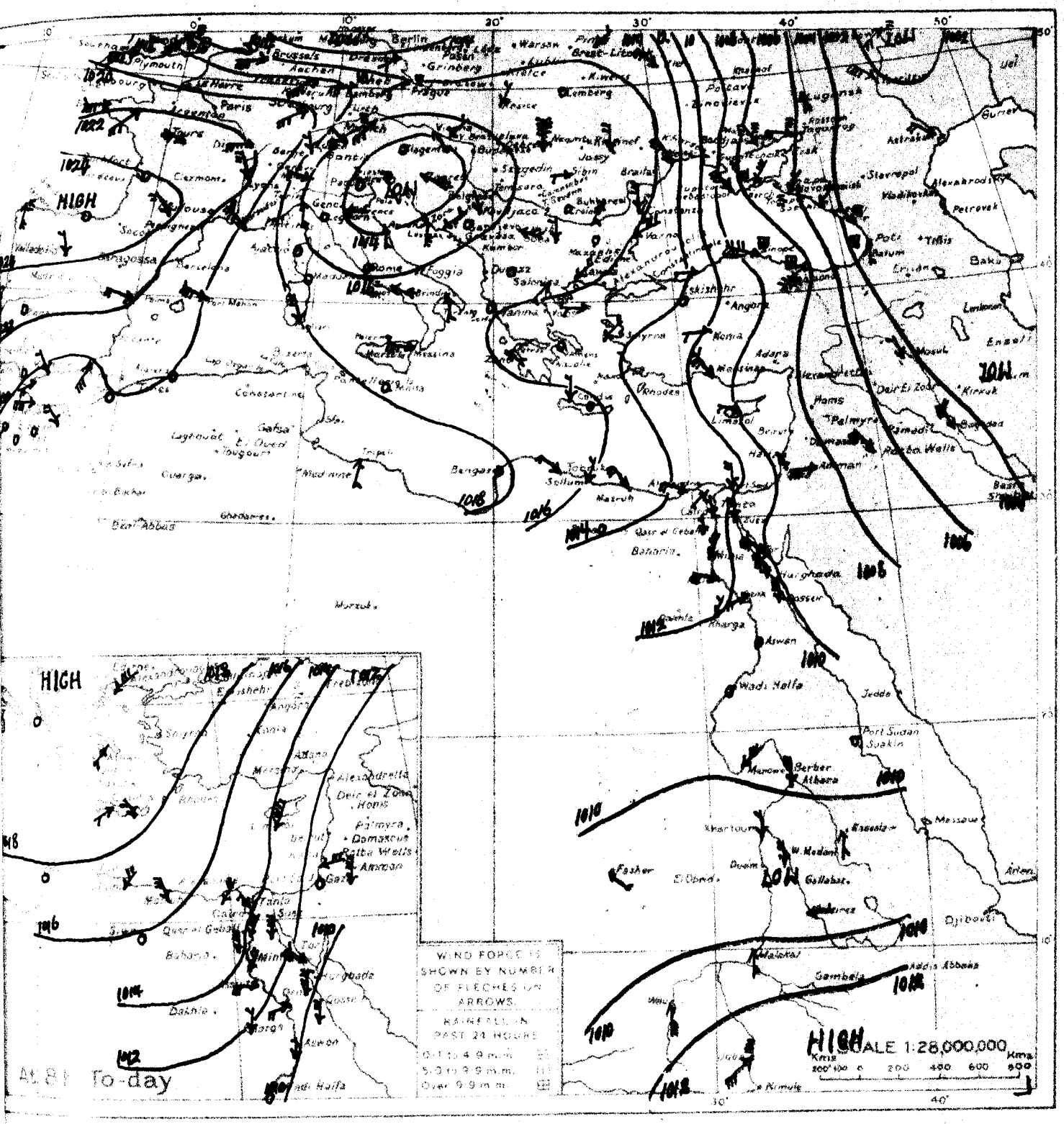
GAUGE	Date	Reading	Diff. from normal	Previous Day: Reading	Previous Day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	15.6	13.80	+0.33	13.69	+0.22
Nasser	15.6	6.78	-1.27	6.68	-1.32
Malakal	15.6	10.36	-0.41	10.36	-0.39
Roseires	16.6	13.54	+0.40	13.22	+0.14
Sennar Res.	14.6	8.75	—	7.89	—
Makwar	14.6	5.80	-0.31	5.79	-0.48
Khartoum	15.6	10.28	-0.54	10.16	-0.63
Kh. el Girba	14.6	11.60	+0.75	10.98	+0.23
Atbara	15.6	9.75	-0.53	9.72	-0.55
Wadi Halfa	15.6	0.79	-0.72	0.77	-0.71
Aswan Res.	16.6	103.29	—	103.53	—
" D.S.	16.6	85.36	-0.62	85.35	-0.61
El Leithi	16.6	16.82	-0.21	16.83	-0.19
Roda (Cairo)	16.6	15.75	+0.28	15.77	+0.31

PRINTED AT THE SURVEY OF EGYPT 1929(29/679/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٦-١٥ Barometer and Wind at 8 h. Yesterday 15.6.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٦-١٥ From Observations taken at 8 h. yesterday. 15.6.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.9	-1.6	+0.8	—	0	0	29	+3	—	33	—	20	—	—	—	—	—	681	—
	MALTA	1017.0	+0.6	+0.4	—	0	0	27	0	—	30	+4	23	+5	50	—	0	338	426	1
	ATHENS	1015.6	+2.6	+2.6	—	0	0	27	-1	—	—	—	22	+3	40	—	—	—	354	—
	CANDIA	1016.4	+2.9	+2.9	—	0	0	28	—	—	32	+4	19	0	—	—	0	519	458	1
	LIMASSOL	1009.4	+2.0	-1.0	WNW	1	0	27	0	—	29	-1	16	-1	—	—	0	393	461	2
EGYPT and SUDAN	Kassala كسلا	1009.0	+0.2	-0.4	S	1	0	32.0	0.0	+1.8	41	+2	22	-3	38	-9	0	12	39	—
	Malakal ملكال	1011.2	-3.0	-0.5	S	1	1	28.4	+3.4	+2.8	36	+3	24	+2	61	-15	0	212	277	—
	Wau واو	1011.1	+0.4	+0.4	S	3	0	27.0	+3.8	+2.0	33	0	22	+1	73	-5	0	312	459	—
	Juba جوبا	1012.6	0.0	—	SW	3	3	24.8	+1.3	—	33	—	21	—	87	—	3	524	472	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 04h 34m

" " sunset 18h 38m

From Observations taken at 8 h. to-day.

Wednesday 17th June, 1931 — ١٩٣١ الأربعاء ١٧ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal (Maximum Yesterday)	Temperature: Minimum	Temperature: Diff. from normal (Minimum)	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018.2	-0.1	+3.2	NE	1	2	25.1	-0.6	+0.3	30	—	20	—	77	+11	0	57	101	2
	MATRUH	1015.9	-0.7	+3.4	NNW	2	0	22.8	-2.0	-1.2	26	-1	18	-1	79	+4	0	179	158	2
	ALEXANDRIA	1015.0	-0.8	+2.9	NNE	1	1	21.9	-2.3	-2.7	29	0	20	0	78	+6	0	96	190	1
	PORT SAID	1013.8	—	+3.0	NE	3	0	25.7	—	-0.4	28	-1	22	0	66	-2	0	62	82	3
	GAZA	—	—	—	—	0	0	27.1	+2.4	+1.1	29	0	17	-1	58	-11	0	251	376	—
	HAIFA	1010.2	-1.2	+1.6	—	0	0	27.9	-1.8	+1.3	32	+2	23	+2	70	+3	0	665	646	1
LOWER EGYPT	TANTA	1014.3	-0.7	—	NW	1	0	25.5	+0.2	—	34	—	17	—	55	—	0	35	—	—
	CAIRO EZBEKIYA	1013.1	-0.9	+1.7	NNE	4	0	25.1	+0.1	-0.2	34	-1	18	-2	61	-5	0	17	34	—
	CAIRO GIZA	1013.0	-1.2	+1.0	N	3	1	24.2	0.0	—	33	-2	16	-2	66	—	0	21	31	—
	CAIRO HELWAN	1012.3	-1.2	+0.5	NE	5	0	23.5	-0.6	-1.3	34	-1	20	0	56	0	0	19	35	—
	SIWA	1014.7	-0.8	+2.7	—	0	0	24.1	-1.9	-1.9	—	—	19	0	54	0	0	38	7	—
RED SEA	SUEZ	1011.5	-1.2	+0.6	N	3	0	24.5	-1.0	-0.7	33	-2	20	-1	64	-6	0	28	26	3
	TOR	1008.8	-1.6	+0.8	NW	5	0	25.0	-1.3	-1.5	30	-3	23	0	68	-5	0	11	14	5
	HURGHADA	1010.2	-0.1	—	NNW	5	0	27.2	-1.8	—	32	—	21	—	59	—	0	0	—	3
	QOSSEIR	1008.6	-1.0	—	N	4	0	29.3	-1.1	—	32	—	26	—	43	—	0	15	—	3
UPPER EGYPT	GEBALI	1013.8	-0.6	+2.0	NNE	5	0	25.0	-0.8	-2.0	35	-2	18	-1	54	+1	0	17	—	—
	MINYA	1010.4	-2.7	—	NNE	3	0	24.5	-0.5	-1.4	34	-2	20	0	57	-2	—	—	—	—
	ASYUT	1011.4	-1.7	+0.9	NW	3	0	25.6	-0.5	-1.8	36	-1	20	-1	31	-13	0	7	—	—
	QENA	1009.3	-1.5	—	WNW	2	0	29.5	-0.4	-1.5	42	+1	23	0	35	-4	—	—	—	—
	KHARGA	1010.2	-1.7	—	N	1	0	29.7	+0.4	—	37	—	23	—	33	—	0	1	—	—
	ASWAN	1008.3	-1.7	-0.5	—	0	0	29.0	-1.0	-2.8	40	-2	23	-2	24	-7	—	—	—	—
NORTH SUDAN	WADI HALFA	1009.4	-1.3	+0.7	NNE	1	1	29.0	+0.4	-1.1	40	-1	23	0	22	+1	—	—	—	—
	MEROWE																			—
	ATBARA	1008.6	-0.5	+1.9	NW	2	0	34.0	+1.0	0.0	44	+2	27	+1	20	+2	0	0	10	—
	KHARTOUM	1008.0	-0.8	-0.3	N	2	0	32.6	-0.1	+1.0	42	0	27	+1	11	-27	0	5	12	—
SOUTH SUDAN	PORT SUDAN	1007.9	-1.4	+1.7	N	1	0	37.2	+3.3	+2.3	36	-3	25	-1	17	-21	0	29	109	1
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1008.0	-0.6	-3.1	NNE	1	2	28.0	-1.5	+2.6	38	+3	26	+4	63	-1	0	138	173	—
	EL FASHER	1011.1	+1.3	—	W	1	0	26.5	+0.5	-1.0	40	+2	15	-7	20	-27	0	14	25	—
	EL OBEID																			—
	MALAKAL	1012.7	+0.8	+0.9	SSW	1	4	26.8	-1.2	+1.3	35	+2	23	+2	69	-7	0	212	288	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F. C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Kms an hour	Direction
500	20	NNE
1000	35	NE
1500	45	NE
2000	50	NE
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — توقعات الطقس حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	80	+8	22.2	+1.8
Ezbekiya	56	+1	20.8	-0.5
Giza	60	+9	20.7	—
Helwan	45	+4	18.9	+1.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17.6	775	1041
16.6	775	1043

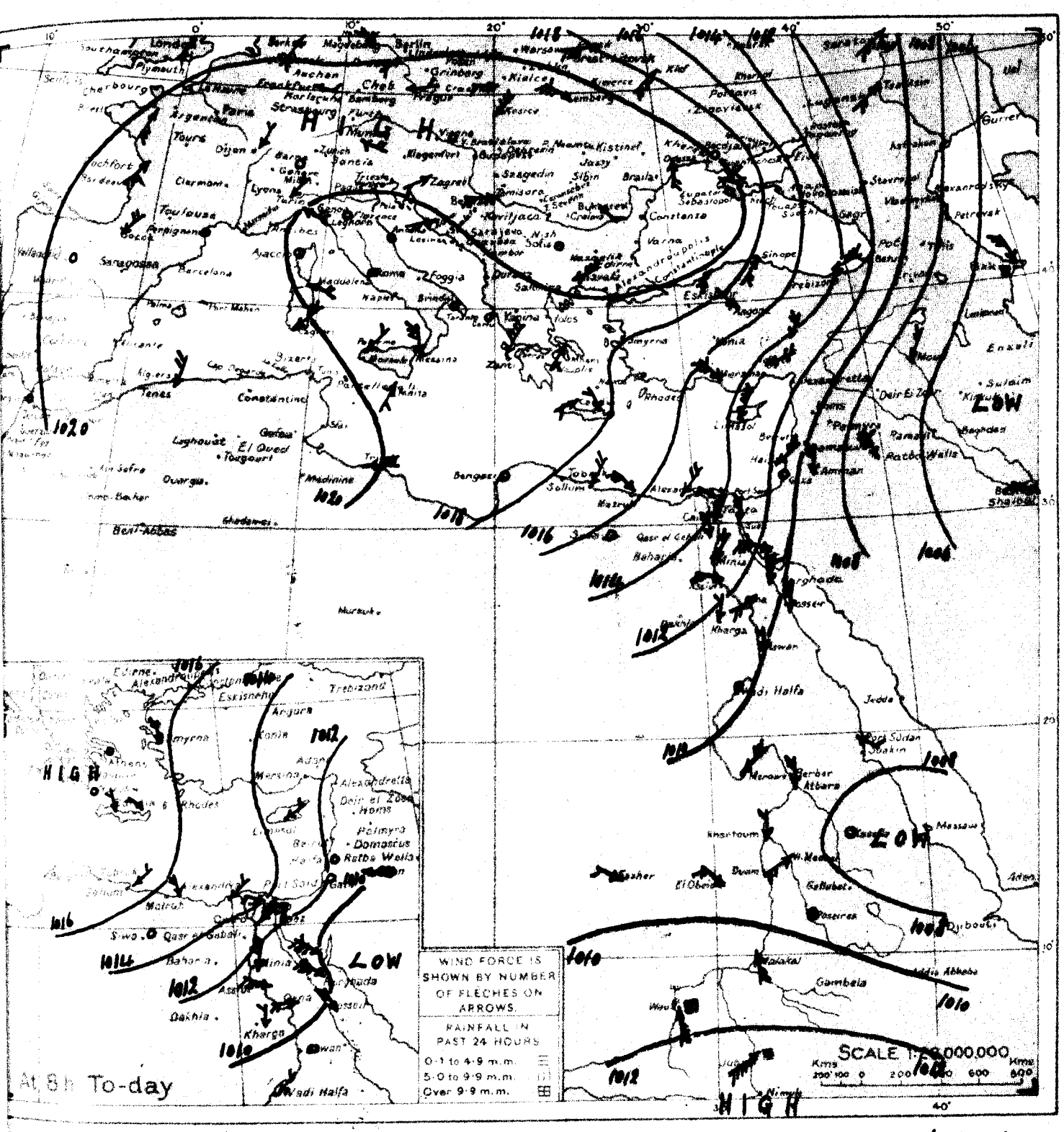
GAUGE	Date	Reading	Diff. from normal	Previous Day: Reading	Previous Day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	16.6	13.68	+0.21	13.80	+0.33
Nasser	16.6	6.90	-1.20	6.78	-1.27
Malakal	16.6	10.37	-0.42	10.36	-0.41
Roseires	17.6	13.02	-0.17	13.54	+0.40
Sennar Res.	15.6	9.15	—	8.75	—
Makwar	15.6	6.42	+0.07	5.80	-0.51
Khartoum	17.6	10.74	-0.16	10.54	-0.36
Kh. el Girba	15.6	11.54	+0.59	11.60	+0.65
Atbara	16.6	9.79	-0.54	9.75	-0.58
Wadi Halfa	16.6	0.81	-0.72	0.79	-0.72
Aswan Res.	17.6	103.04	—	103.29	—
" D.S.	17.6	85.35	-0.65	85.36	-0.67
El Leithi	17.6	16.82	-0.22	16.89	-0.21
Roda (Cairo)	17.6	15.70	+0.23	15.75	+0.28

PRINTED AT THE SURVEY OF EGYPT 1929(29/519/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢١-٦-١٦ Barometer and Wind at 8 h. Yesterday 16.6.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٦-١٦ From Observations taken at 8 h. yesterday. 16.6.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.0	+3.1	+3.9	—	0	0	26	-3	—	34	—	20	—	60	—	—	—	682	—
	MALTA	1018.3	+1.5	+1.7	SSW	1	0	25	-2	—	33	+7	22	+4	70	—	0	338	426	1
	ATHENS	1019.6	+4.0	+6.6	SSW	1	0	26	-1	—	—	—	21	+1	40	—	—	—	355	—
	CANDIA	1018.8	+3.4	+5.3	NW	1	0	27	-1	—	31	+3	20	+1	—	—	0	519	458	1
	LIMASSOL	1013.1	+3.7	+2.8	NNE	4	0	27	0		28	-2	16	-1	—	—	0	393	461	4
EGYPT and SUDAN	Atbara	1009.1	-1.5	+2.4	N	2	0	33.0	+1.0	-1.1	43	0	25	-1	25	+7	0	0	10	—
	Kassala	1008.6	-0.4	-0.8	—	0	0	—	—	—	41	+2	22	-3	—	—	0	12	40	—
	Wad Medani	1008.3	+0.4	-0.1	SW	2	1	32.5	-0.5	+3.1	41	+1	22	-2	21	-24	0	16	46	—
	El Fasher	1009.8	+0.2	—	WNW	1	0	26.0	-4.0	-1.6	40	+2	16	-6	19	-27	0	14	24	—
	El Obeid	1009.1	—	-1.2	NW	2	1	30.9	—	+1.7	39	+1	22	0	18	-39	0	23	50	—
	Wau	1011.4	+0.3	+0.6	S	4	4	25.2	-1.8	+0.2	35	+2	22	+1	48	0	11	323	464	—
	Juba	1013.3	+0.7	—	SW	4	2	25.0	+0.2	—	29	—	21	—	80	—	1	525	477	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 54 m

" " sunset 18 h 58 m

From Observations taken at 8h. to-day.

Thursday 18th June, 1931 — ١٩٣١ الخميس ١٨ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1013.8	-2.4	+0.9	NNE	1	0	25.8	+0.7	+0.9	28	—	19	—	65	-1	0	57	101	1
	MATRUH	1012.4	-3.5	0.0	NNW	3	0	23.8	+1.0	-0.2	26	-1	19	0	81	+6	0	179	158	3
	ALEXANDRIA	1011.8	-3.2	-0.2	NE	1	1	23.6	+1.7	-1.1	29	0	20	-1	85	+13	0	96	190	1
	PORT SAID	1011.0	-2.8	+0.3	ENE	3	0	25.4	-0.3	-0.8	28	-1	22	0	70	+2	0	62	82	2
	GAZA	—	—	—	W	1	0	26.3	-0.8	+0.3	31	+2	19	+1	56	-13	0	251	376	—
	HAIFA	1008.3	-1.9	-0.2	ENE	1	0	27.7	-0.2	+1.0	31	+1	23	+2	70	+3	0	665	646	1
LOWER EGYPT	TANTA	1011.9	-2.4	—	NW	1	0	24.9	-0.6	—	33	—	17	—	62	—	0	35	—	—
	CAIRO: EZBEKIYA	1011.0	-2.1	-0.3	NE	3	2	23.3	-1.8	-2.0	33	-2	18	-2	73	+7	0	17	34	—
	CAIRO: GIZA	1011.0	-2.0	-0.9	NNW	2	1	23.0	-1.2	—	32	-3	16	-2	81	—	0	21	31	—
	CAIRO: HELWAN	1010.0	-2.3	-1.7	NNE	3	0	24.0	+0.5	-0.8	32	-3	19	-1	64	+8	0	19	35	—
	SIWA	1012.8	-1.9	+0.8	—	0	0	25.5	+1.4	-0.5	—	—	19	0	35	-19	0	38	7	—
RED SEA	SUEZ	1009.3	-2.2	-1.5	N	3	0	24.2	-0.3	-1.1	32	-3	20	-1	66	-4	0	28	26	2
	TOR	1007.4	-1.4	-0.5	NW	4	0	26.0	+1.0	-0.6	30	-3	23	0	76	+3	0	11	14	4
	HURGHADA	1007.2	-3.0	—	NNW	5	0	27.5	+0.3	—	31	—	23	—	37	—	0	0	—	3
	QOSSEIR	1007.1	-1.5	—	N	5	0	29.0	-0.3	—	31	—	25	—	57	—	0	15	—	4
UPPER EGYPT	GEBALI	1011.4	-2.4	-0.3	N	3	0	25.4	+0.4	-1.6	34	-3	19	0	45	-8	0	17	—	—
	MINYA	1009.4	-1.0	—	NNW	3	0	24.0	-0.5	-1.9	34	-3	19	-1	63	+3	—	—	—	—
	ASYUT	1007.9	-1.5	-0.6	WNW	3	0	23.6	-2.0	-3.8	35	-2	20	-1	55	+10	0	7	—	—
	QENA	1008.0	-1.3	—	WSW	4	0	28.2	-1.3	-2.8	41	0	23	0	33	-6	—	—	—	—
	KHARGA	1009.5	-0.7	—	NNE	1	0	28.4	-1.3	—	37	—	22	—	35	—	0	1	—	—
	ASWAN	1007.6	-0.7	-1.1	—	0	0	30.4	+1.4	-1.4	43	+1	23	-2	21	-10	—	—	—	—
NORTH SUDAN	WADI HALFA	1009.1	-0.3	+0.5	—	0	4	27.0	-2.0	-3.1	40	-1	21	-2	20	-1	—	—	—	—
	MEROWE	1007.8	+0.6	-0.2	NE	1	0	33.5	0.0	-0.7	42	-1	25	-1	13	-5	0	0	4	—
	ATBARA	1008.3	-0.3	+1.6	N	2	0	34.0	0.0	0.0	43	+1	26	0	24	+6	0	0	10	—
	KHARTOUM	1008.6	+0.6	+0.3	—	0	0	33.0	+0.4	+1.4	43	+1	25	-1	19	-19	0	5	13	—
CENTRAL SUDAN	PORT SUDAN	1005.4	-2.5	-0.7	NW	1	0	38.6	+1.4	+3.6	41	+2	25	-1	13	-25	0	29	109	1
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1010.7	+2.7	-0.5	NNW	1	3	26.0	-2.0	+0.7	37	+2	24	+2	69	+4	5	143	177	—
SOUTH SUDAN	EL FASHER	1008.8	-2.3	—	SSW	3	0	27.0	+0.5	-0.5	41	+3	22	0	52	+5	0	14	26	—
	EL OBEID	1011.1	+1.5	+0.7	WNW	3	3	27.0	-5.0	-1.1	40	+3	22	0	63	+5	0	23	53	—
	MALAKAL	1015.0	+2.3	+3.1	SE	1	4	24.5	-2.3	-0.9	32	-1	23	+2	76	-1	0	212	293	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C — PRESS. Mm. Mb

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Kms. an hour	Direction
500	20	NE
1000	30	NNE
1500	25	ENE
2000	5	N
3000	15	SSW

General Situation — الحالة العمومية

Forecast for 24 hours from noon to day. — التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	76	+4	20.7	+0.3
Ezbekiya	49	-6	19.7	-1.7
Giza	52	+1	19.8	—
Helwan	43	+2	18.0	+0.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17.6	775	1041
16.6	775	1043

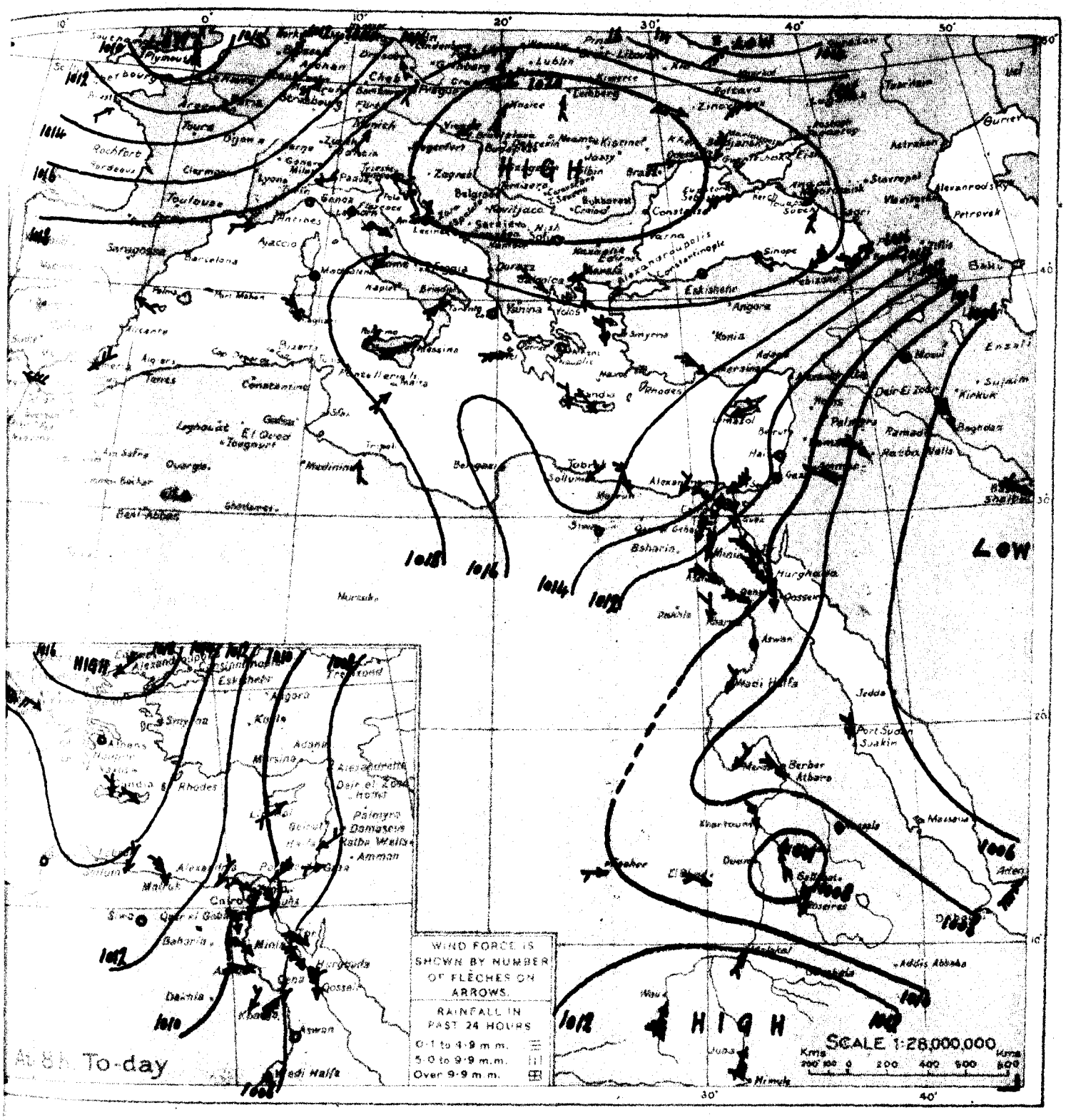
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m	m.
Juba	17.6	13.66	+0.18	13.68	+0.21
Nasser	17.6	7.02	-1.12	6.90	-1.20
Malakal	17.6	10.33	-0.42	10.37	-0.42
Roseires	18.6	12.72	-0.51	13.02	-0.17
Sennar Res.	17.6	6.96	—	7.55	—
Makwar	17.6	6.08	-0.38	6.48	+0.02
Khartoum	18.6	10.96	0.00	10.94	-0.14
Kh. el Girba	16.6	11.08	+0.08	11.52	+0.52
Atbara	18.6	9.84	-0.51	9.41	-0.51
Wadi Halfa	18.6	0.84	-0.73	0.83	-0.72
Aswan Res.	17.6	103.04	—	103.29	—
" D.S.	17.6	85.35	-0.65	85.30	-0.69
El Leithi	18.6	16.85	-0.20	16.82	-0.23
Roda (Cairo)	18.6	15.70	+0.32	15.70	+0.32

PRINTED AT THE SURVEY OF EGYPT 1929(20/5697) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٦-١٧ Barometer and Wind at 8 h. Yesterday 17.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٦-١٧ From Observations taken at 8 h. yesterday. 17.6.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1017.5	-1.5	+2.4	NE	1	0	27	+1	—	33	—	19	—	40	—	—	—	684	—
	MALTA	1017.0	-1.3	+0.4	SSW	1	0	25	0	—	30	+4	20	+1	70	—	0	338	426	1
	ATHENS	1017.4	-2.2	+4.4	—	0	0	27	+1	—	—	—	19	-1	40	—	—	—	355	—
	CANDIA	1017.5	-1.3	+4.1	NW	1	1	28	+1	—	31	+3	18	-2	—	—	0	519	458	1
	LIMASSOL	1012.2	-0.9	+2.0	ENE	1	0	29	+3		33	+3	14	-3	—	—	0	395	461	1
EGYPT and SUDAN	Merowe	1007.2	-2.3	-0.9	NE	1	0	33.5	0.0	-0.7	43	0	26	0	15	-3	0	0	4	—
	Kassala	1008.3	-0.3	-1.2	—	0	0	31.0	—	+1.0	41	+2	24	-1	37	-11	0	12	12	—
	Wad Medani	1007.6	-1.2	-1.3	S	2	1	34.0	+1.5	+4.7	42	+3	24	0	[illegible]	[illegible]	0	[illegible]	[illegible]	—
	El Obeid	1009.6	+0.5	-0.8	WNW	1	1	32.0	+1.1	+3.9	39	+2	21	-1	[illegible]	[illegible]	0	[illegible]	[illegible]	—
	Wau	1011.6	+1.2	+1.8	SSW	7	4	23.6	-1.6	-1.3	34	+1	22	+1	[illegible]	-1	0	[illegible]	[illegible]	—
	Juba	1013.3	0.0	—	SSW	5	3	24.8	-1.0	—	33	—	21	—	82	—	0	325	422	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 54

" " sunset 18 58

From Observations taken at 8h. to-day.

Friday 19th June, 1931 ١٩٣١ الجمعه ١٩ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st January	Rainfall Normal to 1st January	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.6	-0.2	+0.8	NE	1	0	27.1	+1.3	+2.2	31		19		55	-11	0	57	101	1
	MATRUH	1013.3	+0.9	+0.9	NNW	2	0	24.0	+0.2	-0.1	26	-1	20	+1	80	+5	0	179	158	2
	ALEXANDRIA	1012.6	+0.8	+0.7	NW	1	1	23.9	+0.3	-0.9	29	0	21	0	84	+12	0	96	190	1
	PORT SAID	1011.6	+0.6	+1.1	NE	1	0	26.1	+0.7	-0.2	29	0	23	+1	73	+5	0	62	82	1
	GAZA	—	—	—	—	0	0	26.7	+0.4	+0.6	32	+3	19	+1	64	-5	0	251	376	
	HAIFA	1008.7	+0.4	+0.3	—	0	0	27.2	-0.5	+0.5	31	+1	23	+2	71	+4	0	665	646	1
LOWER EGYPT	TANTA	1012.0	+0.1		W	1	0	25.0	+0.1		35		18		74		0	35		
	EZBEKIYA	1011.4	+0.4	+0.2	N	2	3	23.0	-0.3	-2.3	35	0	19	-1	76	+10	0	17	34	
	GIZA	1011.6	+0.6	-0.2	N	2	2	23.5	+0.5	+1.8	34	-1	17	-1	79	—	0	21	31	
	HELWAN	1011.1	+1.1	-0.5	NNE	3	0	24.2	+0.2	-0.6	34	-1	18	-2	59	+3	0	19	35	
	SIWA	1012.8	0.0	+0.9	—	0	0	26.0	+0.5	0.0	—	—	20	+1	55	0	0	38	7	
RED SEA	SUEZ	1009.4	+0.1	-1.3	N	3	0	26.0	+1.8	+0.7	34	-1	21	0	—	—	0	28	26	2
	TOR	1008.0	+0.6	+0.2	NNW	4	0	26.5	+0.5	-0.1	32	-1	24	+1	73	0	0	11	14	4
	HURGHADA	1008.4	+1.2		NNW	5	0	28.4	+0.9		32		21		44		0	0		3
	COSSEIR	1008.4	+1.3		N	4	0	30.6	+1.6		31		25		35		0	15		3
UPPER EGYPT	GIRGA	1012.2	+0.8	+0.5	NW	2	0	25.5	+0.1	-1.5	35	-2	20	+1	58	+5	0	17		
	MINIA	1010.8	+1.4		N	2	0	25.5	+1.5	-0.4	34	-3	18	-2	55	-5				
	ASSIUT	1011.0	+1.1	+0.6	WNW	3	0	26.2	+2.6	-1.2	35	-2	21	-1	46	+1	0	7		
	GENA	1008.8	+0.8		W	3	0	30.3	+2.1	-0.7	41	0	23	0	29	-10				
	KOSEIR	1010.8	+1.3		SSE	1	0	27.3	-1.1		37		18		27		0	1		
	ASWAN	1009.1	+1.5	+0.5	—	0	0	31.3	+0.9	-0.5	42	0	24	-1	31	0				
[illegible]	[illegible]	1009.5	+0.4	+0.9	—	0	0	27.8	+0.8	-2.4	40	-1	20	-3	21	0				
	[illegible]	1009.3	+1.5	+1.3	NE	2	0	33.0	-0.5	-1.2	43	0	27	+1	8	-10	0	0	4	
	[illegible]	1009.1	+0.8	+2.4	W	2	0	34.0	0.0	0.0	44	+2	27	+1	18	0	0	0	10	
	[illegible]	1011.2	+2.6	+2.8	SSW	4	0	31.8	-1.2	+0.3	43	+1	27	+1	39	0	0	5	13	
	[illegible]	1009.0	+3.6	+3.0	S	3	0	36.9	-1.7	+1.8	40	+1	25	-1	16	-22	0	29	109	3
	[illegible]	1010.3	+0.8	+0.7	—	0	0	31.0	0.0	+1.3	40	+1	23	-1	42	-7	0	12	44	
	[illegible]	1010.7	0.0	-0.5	NNE	1	3	24.5	-1.5	-0.7	35	0	22	0	72	+7	4	147	181	
	[illegible]	1007.9	-0.9		SSW	1	0	29.0	+2.0	+1.5	41	+3	23	+1	43	-5	0	14	26	
	[illegible]	1010.4	-0.7	-0.1	SW	2	1	29.2	+2.2	+1.2	38	+1	23	+1	53	-6	0	23	54	
	[illegible]	1013.9	-1.1	+2.0	SE	1	2	26.3	+1.8	+0.9	32	0	22	+1	71	-6	0	212	298	
	[illegible]	1012.3	+0.3	+1.4	S	3	3	25.0	0.0	+0.1	31	-2	22	+1	81	+2	0	329	481	
	[illegible]	1013.6	-0.7		W	2	2	24.5	+0.4		30		20		81		dr.	529	492	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yester-day	Humidity Diff from normal	Absolute temperature Mean of Day Yester-day	Absolute temperature Diff from normal
	%	%	°C	°C
Alexandria	84	+12	22.3	+1.8
Ezbekiya	49	-6	19.8	-1.6
Giza	56	+5	20.3	—
Helwan	39	-2	18.2	+0.2

NOTE. A dash means that figures are not available.

Terms of Subscription by inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
19.6	778	1040
18.6	776	1038

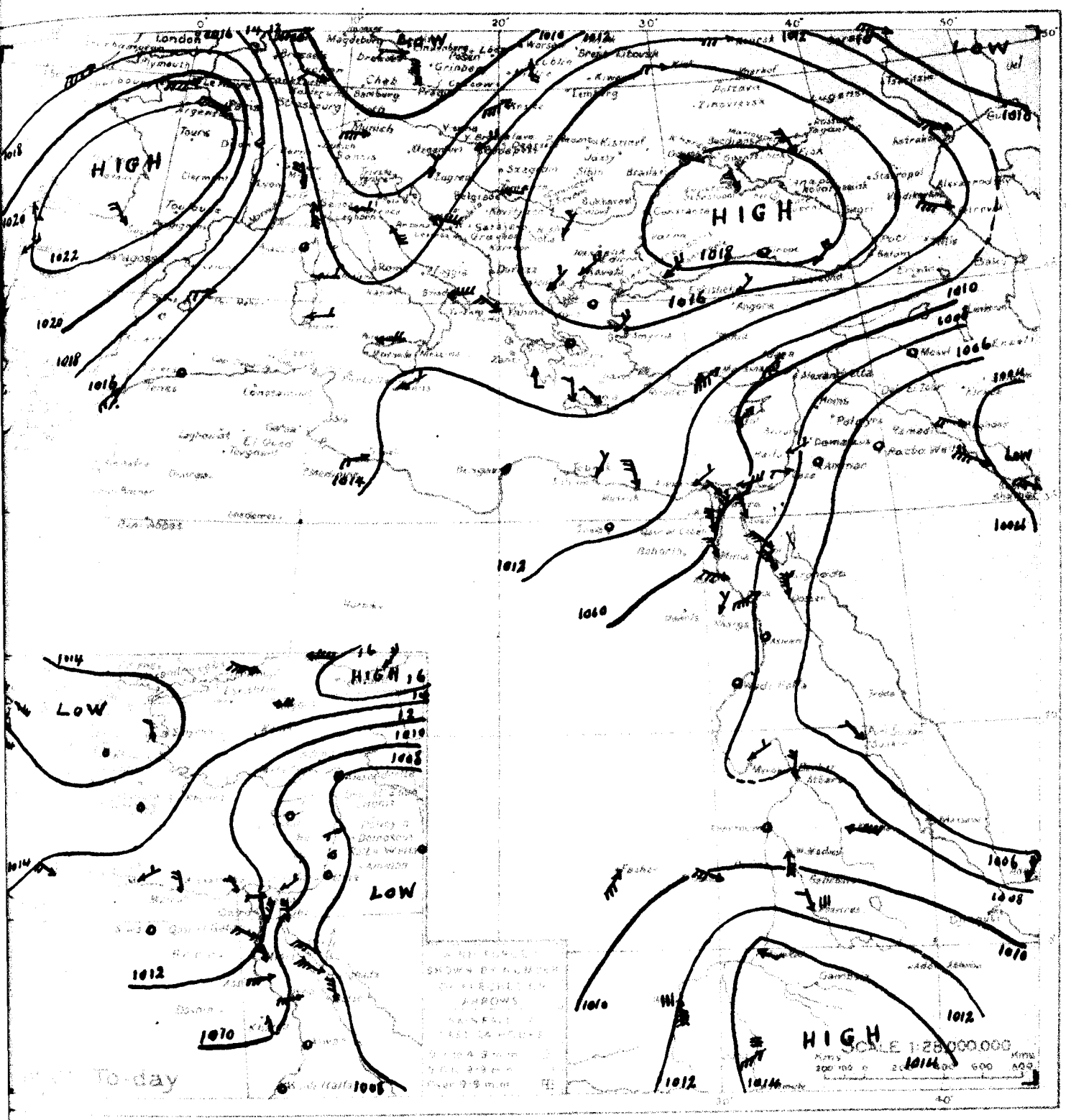
GAUGE	Date 1931	Reading m	Diff. from normal m	Reading m	Diff. from normal m
Juba	19.6	14.02	+0.54	13.65	+0.17
Nasser	18.6	7.16	-1.01	7.02	-1.12
Malakal	17.6	10.38	-0.42	10.37	-0.42
Roseires	18.6	12.72	-0.51	13.02	-0.17
Sennar Res.	19.6	6.39	—	6.90	—
Makwar	19.6	5.93	-0.62	6.01	-0.49
Khartoum	18.6	10.96	0.00	10.74	-0.16
Kh. el Girba	16.6	11.08	+0.08	11.54	+0.59
Atbara	18.6	9.84	-0.51	9.81	-0.51
Wadi Halfa	18.6	0.84	-0.73	0.83	-0.72
Aswan Res.	19.6	102.60	—	102.83	—
" D.S.	19.6	85.36	-0.68	85.36	-0.66
El Leithi	19.6	16.85	-0.22	16.85	-0.20
Roda (Cairo)	18.6	15.70	+0.22	15.70	+0.23

PRINTED AT THE SURVEY OF EGYPT (920/25/539/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١-٦-١٨ Barometer and Wind at 8 h. Yesterday 18.6.1931.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

١٩٣١-٦-١٨ From Observations taken at 8 h yesterday 18.6.1931.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal (Max.)	TEMPERATURE Max.	TEMPERATURE Diff. from normal	TEMPERATURE Min.	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Last 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1013.4	-4.1	-1.7	—	0	0	28	+1	—	34	—	20	—	40	—	—	—	685	—
MALTA	1013.8	-3.2	-2.8	ENE	1	1	25	0	—	29	+3	22	+3	80	—	0	338	426	1
ATHENS	1015.4	-2.0	+2.4	—	0	0	27	0	—	—	—	—	—	50	—	—	—	356	—
CANDIA	1014.7	-2.8	+1.3	NW	1	1	27	-1	—	31	+3	21	+1	—	—	0	519	458	2
LIMASSOL	1009.0	-3.2	-1.2	SW	1	0	28	-1	—	32	+1	14	-3	—	—	0	393	461	1
Kassala كسلا	1009.5	+1.2	0.0	ESE	4	0	31.0	0.0	+1.1	43	+4	27	+2	48	0	0	12	43	—
Wad Madani ودمدني	1009.4	+1.8	+0.5	S	4	0	32.0	-2.0	+2.7	43	+4	26	+3	43	-4	0	16	49	—
Wau واو	1012.0	-0.6	+1.2	S	6	2	25.0	+1.4	+0.1	31	-2	22	+1	80	+1	6	329	476	—
Juba جوبا	1014.3	+1.0	—	SW	3	3	24.1	+0.1	—	28	—	20	—	87	—	4	529	487	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 h 55 m

" sunset 18 h 59 m

From Observations taken at 8 h. to-day.

Saturday 20th June 1931 ١٩٣١ السبت ٢٠ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st October last	Rainfall: Total since 1st October previous year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.69	0.0	+0.9	—	0	0	28.3	+1.2	+3.3	31	—	19	—	51	−15	0	57	101	0
	MATRUH	1015.1	+1.8	+2.8	NNW	1	0	24.5	+0.5	+0.3	26	−1	19	0	63	−13	0	179	158	2
	ALEXANDRIA	1014.6	+2.0	+2.9	NNE	1	0	24.0	+0.1	−0.8	28	−1	22	+1	83	+11	0	96	190	1
	PORT SAID	1013.8	+2.2	+3.3	N	1	0	26.9	+0.8	+0.6	31	+2	22	0	71	+3	0	62	82	1
	GAZA	—	—	—	W	1	0	25.1	−1.6	−1.0	29	0	18	0	67	−2	0	251	376	
	HAIFA	1011.0	+2.3	+2.7	—	0	0	27.9	+0.7	+1.1	31	+1	23	+2	67	0	0	665	646	1
LOWER EGYPT	TANTA	1013.9	+1.9	—	NW	1	0	26.0	+1.0		36	—	20	—	73	—	0	35		
	CAIRO: EZBEKIYA	1013.9	+2.5	+2.8	NW	1	2	24.3	+1.3	−1.0	36	+1	21	+1	78	+11	0	17	34	
	CAIRO: GIZA	1014.0	+2.4	+2.3	NNW	2	3	23.9	+0.4	—	35	0	18	0	85	—	0	21	31	
	CAIRO: HELWAN	1013.4	+2.3	+1.9	NNE	3	0	23.2	−1.0	−1.6	34	−1	20	0	76	+20	0	19	35	
	SIWA	1014.7	+1.9	+2.8	—	0	0	27.5	+1.5	+1.5	—	—	21	+1	43	−12	0	38	7	
RED SEA	SUEZ	1011.4	+2.0	+0.9	N	2	0	25.2	−0.8	−0.1	34	−1	21	−1	67	−4	0	28	26	2
	TOR	1009.9	+1.9	+2.2	NW	5	8	26.5	0.0	−0.1	31	−2	23	0	73	0	0	11	14	5
	HURGHADA	1010.6	+2.2		NNW	4	0	29.9	+1.5		33		23		36		0	0		2
	QOSSEIR	1010.2	+1.8		NNW	4	0	30.4	−0.2		32		25		46		0	15		3
UPPER EGYPT	GEBEL	1014.6	+2.4	+3.0	N	1	0	26.9	+1.4	−0.1	36	−1	21	+2	50	−4	0	17		
	KENA	1013.4	+2.6		NNE	2	0	26.0	+0.5	+0.1	35	−2	19	−1	55	−5				
	ASSIUT	1013.1	+2.1	+2.8	WNW	3	0	26.2	0.0	−1.2	36	−1	20	−2	44	−1	0	7		
	DENDERA	1010.8	+2.0		W	2	0	30.3	0.0	−0.8	42	+1	24	+1	33	−6				
	KHARGA	1012.2	+1.4		NNE	1	0	30.8	+3.5		39		22		31		0	1		
	ASWAN	1010.3	+1.2	+1.8	—	0	0	34.0	−0.3	−0.9	42	0	25	0	22	−9				
SUDAN	WADI HALFA	1011.1	+1.6	+2.5	—	0	0	28.4	+0.6	−1.8	40	−1	21	−2	24	+3				
	MEROWE																			
	ATBARA																			
	KHARTOUM	1010.0	−1.2	+1.6	—	0	0	31.9	+0.1	+0.5	41	−1	25	−1	15	−24	0	5	13	
	EL FASHER	1009.1	+0.1	+3.1	E	2	0	35.4	−1.5	+0.3	42	+3	25	−1	28	−10	0	29	109	2
	KASSALA																			
	WAD MEDANI																			
	KOSTI	1008.7	−2.0	−2.6	NNW	1	2	28.0	+3.5	+2.9	36	+1	24	+2	63	−3	0	147	184	
	EL FASHER																			
	EL OBEID																			
	MALAKAL	1012.7	−1.2	+0.8	—	0	1	28.0	+1.7	+2.6	36	+4	22	+1	61	−16	0	212	303	
	WAU																			
	JUBA																			

Upper Air Observations

Height in Metres	Wind Speed per hour	Direction
		9 00
500	20	NNE
1000	30	NNE
1500	30	N
2000	30	N
3000	5	W

General Situation

الحالة العمومية

Forecast for 24 hours from noon to day.

التوقعات لغاية الظهر من يوم الاثنين

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	85	+13	22.9	+2.3
Ezbekiya	56	+1	20.8	−0.7
Giza	58	+7	21.5	—
Helwan	37	−4	18.5	+0.5

NOTE. A dash means that figures are not available.

Terms of Subscription: By Inland Post P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Assuan measured by gauges m.3 per sec.

DATE	1931	1930
19.6	778	1040
18.6	776	1038

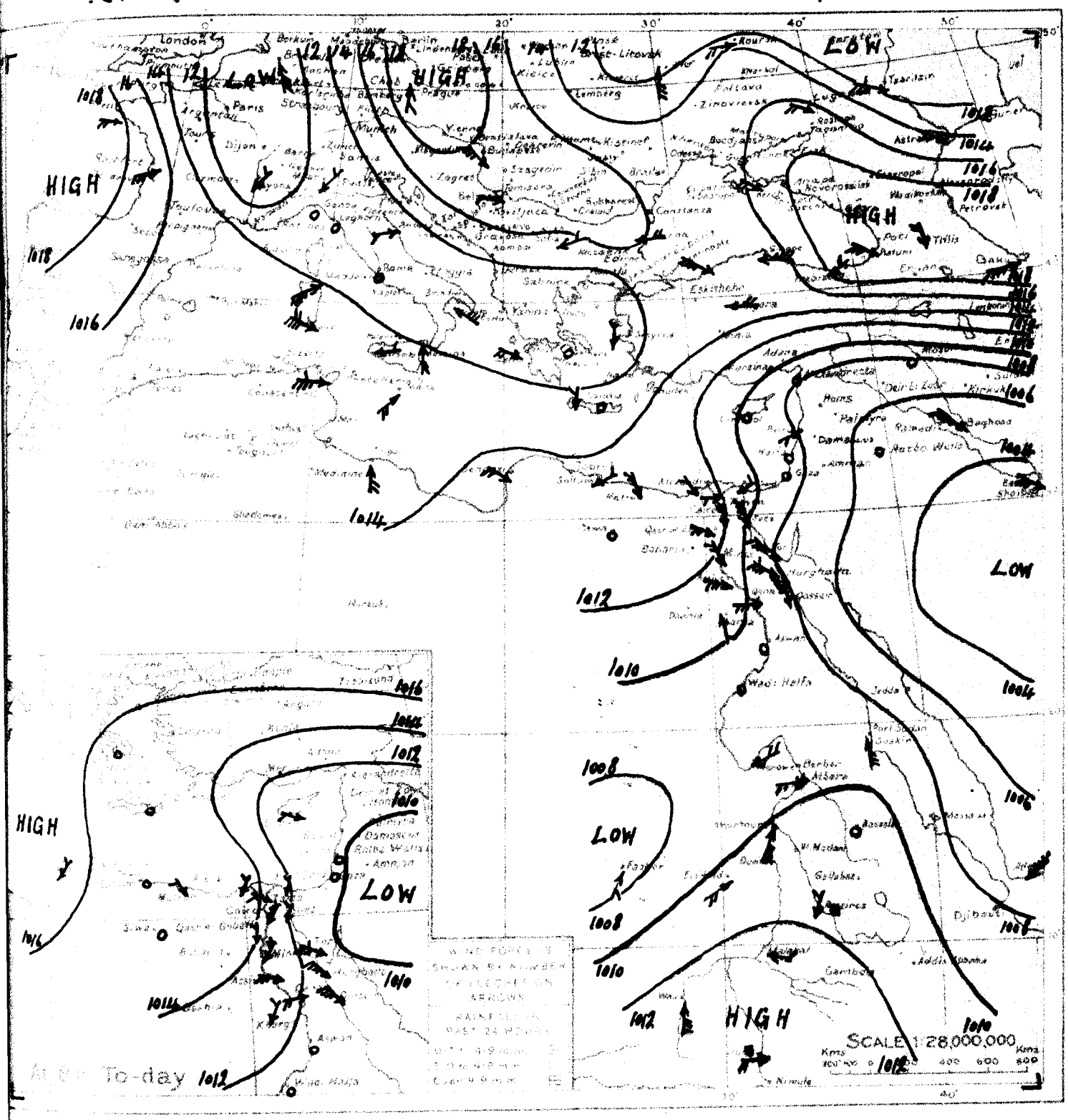
GAUGE	Date	Reading	Diff from normal	Previous Reading	Diff from normal
	1931	m.	m.	m.	m.
Juba	19.6	14.02	+0.54	13.65	+0.17
Nasser	18.6	7.16	−1.01	7.02	−1.14
Malakal	17.6	10.38	−0.42	10.37	−0.42
Roseires	18.6	12.72	−0.51	13.02	−0.17
Sennar Res.	19.6	6.39	—	6.90	—
Makwar	19.6	5.93	−0.62	6.07	−0.49
Khartoum	18.6	10.96	0.00	10.74	−0.16
Kh. el Girba	16.6	11.68	+0.08	11.34	+0.59
Atbara	18.6	9.84	−0.51	9.81	−0.54
Wadi Halfa	18.6	0.84	−0.73	0.83	−0.72
Aswan Res.	19.6	102.60	—	102.83	—
" D.S.	19.6	85.36	−0.68	85.36	−0.66
El Leithi	20.6	16.85	−0.24	16.85	−0.22
Roda (Cairo)	18.6	15.70	+0.22	15.70	+0.22

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

21-7-19 Barometer and Wind at 8 h. Yesterday 19.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

21-7-19 From Observations taken at 8 h yesterday. 19.6.31.

Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1013.5	+0.1	-1.6	—	0	0	28	0	—	34	—	19	—	50	—	—	—	687	—
MALTA	1014.7	+0.9	-1.9	SW	2	2	25	0	—	28	+1	22	+3	70	—	0	338	426	1
ATHENS	1013.9	-1.5	+0.9	—	0	0	28	+1	—	—	—	—	—	40	—	—	—	356	
CANDIA	1014.2	-0.5	+0.8	—	0	0	29	+2	—	30	+2	19	-1	—	—	0	519	458	1
LIMASSOL	1008.8	-0.2	-1.2	—	0	0	30	+2		32	+1	18	-1	—		0	393	462	0

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 4 55

" sunset 18 59

From Observations taken at 8 h. to-day.

Sunday 21st June, 1931 ١٩٣١

الأحد ٢١ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.4	+0.8	+1.8	NW	3	0	28.1	-0.2	+3.0	32		20		—	—	0	57	101	4
	MATRUH	1014.0	-1.1	+1.8	NNW	3	4	24.0	-0.5	-0.3	27	-1	19	0	85	+9	0	179	158	2
	ALEXANDRIA	1013.0	-1.6	+1.3	WNW	1	0	24.7	+0.7	-0.2	29	0	22	+1	87	+14	0	96	190	1
	PORT SAID	1012.0	-1.8	+1.6	WSW	1	0	26.8	-0.1	+0.4	31	+2	22	0	70	+2	0	62	82	1
	GAZA																			
	HAIFA	1011.9	+0.9	+3.7	—	0	0	27.5	-0.4	+0.6	31	+1	23	+2	69	+1	0	665	646	1
LOWER EGYPT	TANTA	1012.6	-1.3		WSW	1	0	26.7	+0.7		35		18		69		0	35		
	CAIRO EZBEKIYA	1012.7	-1.2	+1.7	NW	2	0	25.6	+1.3	+0.3	36	+1	21	+1	67	-1	0	17	34	
	CAIRO GIZA	1012.4	-1.6	+0.8	NNW	1	0	24.9	+1.0	—	35	0	16	-2	69	—	0	21	31	
	CAIRO HELWAN	1012.2	-1.2	+0.8	N	2	0	24.4	+1.2	-0.4	35	0	19	-1	62	+5	0	19	35	
	SIWA	1015.2	+0.5	+3.4	—	0	0	30.0	+2.5	+4.0	—	—	21	+1	36	-19	0	38	7	
RED SEA	SUEZ	1011.4	0.0	+1.0	N	2	0	25.0	-0.2	-0.4	35	0	22	0	68	-3	0	28	26	2
	TOR	1008.3	-1.6	+0.7	NW	6	0	26.0	-0.5	-0.7	31	-3	24	+1	69	-4	0	11	14	6
	HURGHADA	1009.5	-1.1		NNW	4	0	29.2	-0.7		34		23		39		0	0		2
	QOSSEIR	1008.7	-1.5		N	5	0	30.2	-0.2		33		27		44		0	15		4
UPPER EGYPT	GEBALI	1013.6	-1.0	+2.1	N	2	0	26.8	-0.1	-0.2	37	0	19	0	50	-4	0	17		
	MINYA	1012.7	-0.7		NNE	2	0	25.5	-0.5	-0.5	35	-2	18	-2	55	-5				
	ASYUT	1012.4	-0.7	+2.1	WNW	2	0	26.2	0.0	-1.3	36	-1	21	-1	44	-1	0	7		
	QENA	1009.9	-0.9		N	1	0	32.1	+1.8	+1.0	43	+2	25	+2	23	-16				
	KHARGA	1011.2	-1.0		N	1	0	30.3	-0.5		38		25		25		0	1		
	ASWAN	1009.1	-1.2	+0.7	NNE	4	0	30.3	-0.7	-1.6	43	+1	27	+2	23	-8				
NORTH SUDAN	WADI HALFA	1009.5	-1.6	+1.0	N	1	0	29.0	+0.6	-1.2	40	-1	23	0	22	+1				
	MEROWE																			
	ATBARA																			
	KHARTOUM	1008.2	-1.8	-0.2	NNE	2	0	32.4	+0.5	+1.1	44	+3	27	+1	12	-28	0	5	13	
	PORT SUDAN	1007.8	-1.3	+1.9	NE	1	0	35.7	+0.3	+0.5	39	0	26	0	33	-5	0	29	109	1
	KASSALA																			
	WAD MEDANI	1008.7	-1.2	-0.3	S	2	0	32.4	+0.1	+3.2	42	+3	24	+1	34	-16	0	16	53	
	ROSEIRES	1007.5	+0.8	-1.8	NNW	1	2	30.0	+2.0	+4.9	39	+5	27	+5	53	-14	0	147	188	
SOUTH SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind observations at Helwan at 8 30 p. m.

Height (metres)	Kms. an hour	Direction
500	30	NNE
1000	35	N
1500	40	N
2000	25	N
3000		

General Situation

حالة عمومية

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	84	+8	22.7	+2.0
Ezbekiya	59	+4	21.3	-0.3
Giza	63	+12	21.7	—
Helwan	50	+9	19.2	+1.1

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
20.6	774	1158
19.6	778	1040

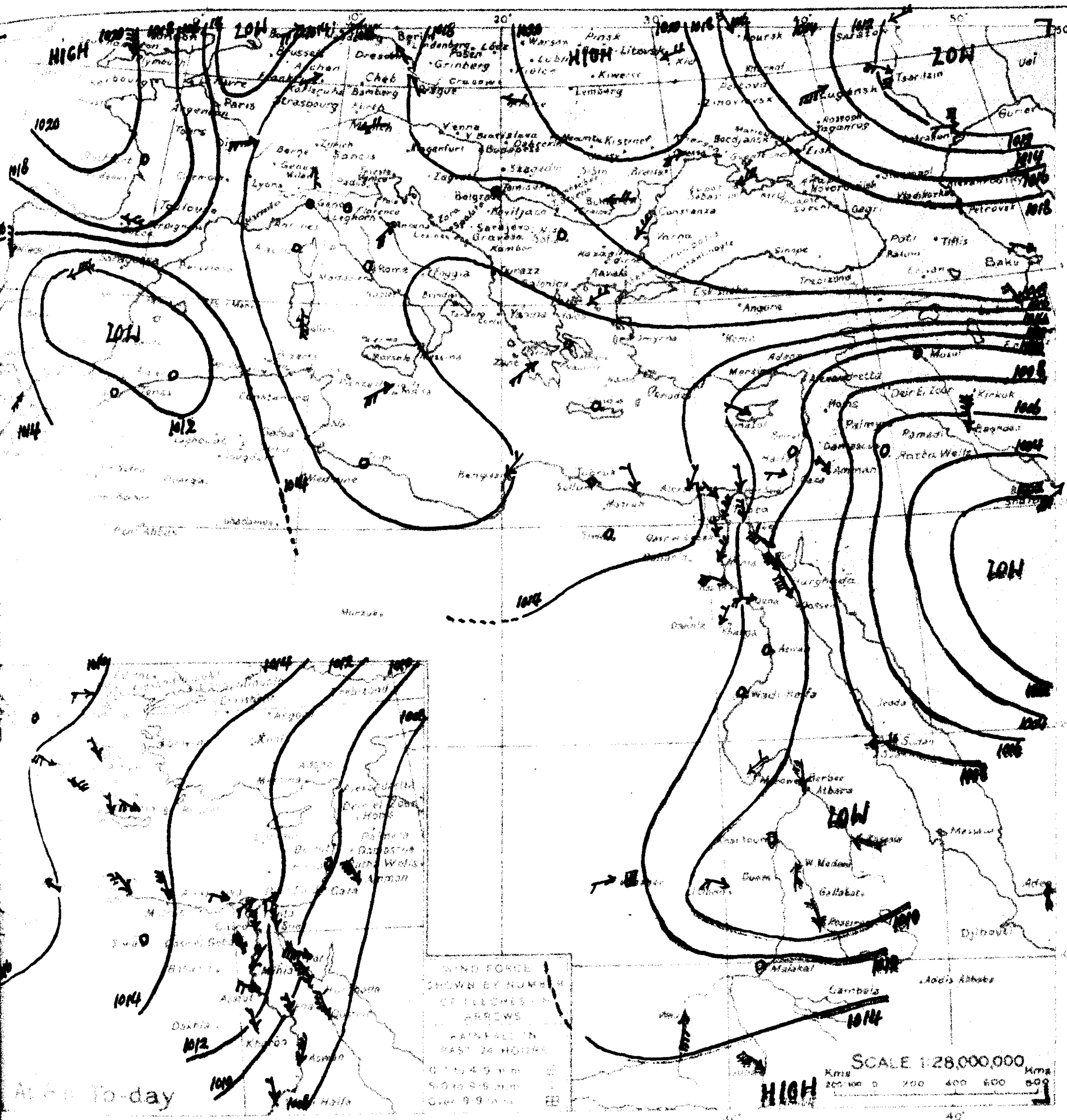
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m	m	m	m
Juba	20.6	13.70	+0.21	14.02	+0.54
Nasser	20.6	7.38	-0.87	7.28	-0.97
Malakal	19.6	10.41	-0.43	10.89	-0.43
Roseires	20.6	12.93	-0.37	12.79	-0.47
Sennar Res.	20.6	6.14	—	6.39	—
Makwar	20.6	5.68	-0.89	5.93	-0.62
Khartoum	20.6	11.24	+0.17	11.26	+0.24
Kh. el Girba	20.6	10.60	-0.60	10.90	-0.45
Atbara	20.6	10.02	-0.39	9.92	-0.46
Wadi Halfa	20.6	0.87	-0.74	0.86	-0.73
Aswan Res.	20.6	102.36	—	102.60	—
" D.S.	20.6	85.36	-0.69	85.36	-0.68
El Leithi	21.6	16.85	-0.25	16.85	-0.24
Roda (Cairo)	20.6	15.73	+0.23	15.73	+0.24

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/596)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٦-٢٠ Barometer and Wind at 8 h. Yesterday 20.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٦-٢٠ From Observations taken at 8 h. yesterday. 20.6.31.

	Station	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Maximum Yesterday (°C)	Diff. from normal (°C)	Minimum (°C)	Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1 to yesterday (m.m.)	Rainfall: Normal from Oct. 1 to yesterday (m.m.)	Sea
MEDITERRANEAN	ROME	1016.6	+3.1	+1.5	—	0	0	26	-2	—	32	—	18	—	50	—	—	—	688	—
	MALTA	1016.7	+2.0	+0.1	WSW	3	3	25	0	—	28	+1	22	+3	70	—	0	338	426	1
	ATHENS	1015.6	+1.7	+2.6	—	0	0	26	-2	—	—	—	—	—	50	—	—	—	357	—
	CANDIA	1015.6	+1.4	+2.4	—	0	0	29	0	—	31	+3	20	0	—	—	0	519	458	1
	LIMASSOL	1010.3	+1.5	+0.4	WNW	1	0	28	-2		33	+2	17	0	—	—	0	393	462	0
EGYPT and SUDAN	Merowe مروي	1010.4	+1.1	+2.4	NE	1	0	33.0	0.0	-1.1	43	0	25	-1	8	-11	0	0	4	—
	Atbara عطبرة	1009.4	+0.3	+2.7	N	2	0	33.8	-0.2	-0.2	44	+2	26	0	14	-5	0	0	10	—
	Kassala كسلا	1008.8	-2.0	-1.8	ESE	1	0	34.0	+3.9	+4.4	40	+2	29	+5	36	-13	0	12	45	—
	Wad Medani ود مدني	1009.9	+0.6	+0.9	S	2	1	32.3	-0.2	+3.1	40	+1	23	0	38	-11	0	16	52	—
	El Fasher الفاشر	1012.6	+4.7	—	W	1	2	24.0	-5.0	-3.4	40	+2	21	-1	80	+31	15	29	27	—
	El Obeid الأبيض	1008.2	-2.2	-2.3	WNW	2	0	34.0	+4.8	+6.1	39	+2	25	+3	36	-23	0	23	55	—
	Wau واو	1012.3	0.0	+1.4	S	4	0	27.2	+2.2	+2.4	34	+1	23	+2	71	-8	0	329	487	—
	Juba جوبا	1015.5	+1.9	—	NW	4	4	25.0	+0.5	—	32	—	21	—	79	—	0	529	497	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 55

" " sunset 18 59

From Observations taken at 8h. to-day.

Monday 22nd June, 1931 ١٩٣١ الاثنين ٢٢ يونيه

	STATION	Barometer Sea Level mb	Change last 24 hours mb	Diff from normal mb	Wind Direction	Force	Sky	Rain	Temperature Max 24 hours °C	Change last 24 hours °C	Diff from normal °C	Min 24 hours °C	Diff from normal °C	Max 24 hours °C	Diff from normal °C	Humidity At 8h %	Diff from normal %	Rainfall Last 24 hours mm	Since 1st Jan. mm	Same period last year mm	Sea
MEDITERRANEAN	SOLLUM	1012.7	−1.7	+0.3	NNW	3	0	25.9	−2.2	+0.7	33		21		67	+2	0	57	101	4
	MATRUH	1012.0	−2.0	−0.1	NNW	4	1	24.8	+0.8	+0.5	27	−1	19	0	86	+4	0	179	158	4
	ALEXANDRIA	1011.6	−1.4	0.0	WNW	2	2	24.1	−0.6	−0.8	29	0	22	+1	82	+9	0	96	190	1
	PORT SAID	1010.4	−1.6	+0.1	WNW	2	3	25.6	−1.2	−0.8	31	+1	23	+1	76	+7	0	62	82	1
	GAZA	—	—	—	—	0	0	26.1	−0.5	−0.1	29	0	20	+1	75	+5	0	251	376	
	HAIFA	1007.8	−4.1	−0.3	SSW	1	0	27.2	−0.3	+0.3	30	0	23	+2	73	+5	0	665	646	2
LOWER EGYPT	TANTA	1011.2	−1.4	—	WSW	1	0	26.0	−0.7		35		18		62		0	35		
	CAIRO EZBEKIYA	1011.0	−1.7	+0.1	WNW	2	0	25.8	+0.2	+0.5	36	+1	21	+1	70	+2	0	17	34	
	GIZA	1010.8	−1.6	−0.7	NNW	2	0	25.3	+0.4	—	35	0	20	+2	74	—	0	21	31	
	HELWAN	1011.4	−0.8	0.0	NNW	1	0	23.3	−1.1	−1.5	34	−1	20	0	74	+17	0	19	35	
	SIWA	1012.7	−2.5	+0.9	—	0	0	26.1	−3.9	0.0	—	—	22	+2	70	+15	0	38	7	
RED SEA	SUEZ	1009.5	−1.9	−0.8	N	2	0	25.8	+0.8	+0.4	34	−1	23	+1	70	−1	0	28	26	1
	TOR	1007.6	−0.7	+0.1	NW	6	0	26.2	+0.2	−0.5	34	0	25	+2	82	+9	0	11	14	6
	HURGHADA	1008.6	−0.9		N	4	0	29.3	+0.1		33		23		51		0	0		2
	QOSSEIR	1008.3	−0.4		NNE	4	0	30.1	−0.1		32		26		88		0	15		3
UPPER EGYPT	ASSIUT	1012.0	−1.6	+0.6	NW	1	0	26.7	−0.1	−0.3	36	−1	20	+1	55	0	0	17		
	MINIA	1011.4	−1.3		NNW	2	0	25.5	0.0	−0.5	35	−2	20	0	62	+2				
	ASWAN	1011.5	−0.9	+1.3	WNW	2	0	25.8	−0.4	−1.7	35	−2	21	−1	56	+11	0	7		
	QENA	1009.3	−0.6		W	2	0	31.6	−0.5	+0.5	42	+1	24	+1	37	−2				
	KHARGA	1010.4	−0.8		N	1	0	30.1	−0.2		38		20		36		0	1		
	DAKHLA	1009.0	−0.1	+0.7	N	1	0	29.7	−0.6	−2.2	41	−1	24	−1	23	−8				
SUDAN	WADI HALFA	1009.9	+0.4	+1.4	—	0	0	29.0	0.0	−1.2	41	0	22	−1	19	−2				
	SAWAKIN	1007.9	−0.3	−0.1	NE	4	0	33.5	+0.5	−0.5	43	0	27	+1	7	−12	0	0	4	
	KASSALA	1007.9	−1.2	+1.1	N	2	0	34.5	+1.0	+0.7	43	+1	26	0	14	−5	0	0	10	
	KHARTOUM	1008.6	+0.4	+0.2	SSW	1	0	32.9	+0.5	+1.7	44	+3	26	0	13	−27	0	5	14	
	FORT SUDAN	1006.6	−1.2	+0.7	N	2	0	37.5	+1.8	+2.2	38	−1	26	0	11	−27	0	29	109	2
	KASSALA	1008.8	+2.2	−1.0	NW	2	0	32.0	−2.0	+2.6	43	+5	27	+3	54	+4	0	12	47	
	WAD MEDANI	1009.1	+0.4	0.0	S	4	0	32.0	−0.4	+2.8	43	+4	27	+4	41	−10	0	16	54	
	SENNAR	1008.2	−1.3	−3.1	NW	1	1	28.0	−2.0	+3.0	38	+4	25	+3	57	−11	0	147	192	
	EL FASHER	1007.4	−2.0		SW	1	0	29.0	+2.0	+1.7	40	+2	19	−3	14	−36	0	29	28	
	EL OBEID																			
	BARAKA	1012.8	+1.0	+0.8	—	0	3	27.0	+2.1	+1.7	32	0	22	+1	76	−2	0	212	313	

8 30

500	15	N
1000	20	WNW
1500	15	W
2000	20	NNW
3000	25	NW

STATION	Humidity Mean of Day %	Diff from normal %	Mean temperature value of Day °C	Diff from normal °C
	Yesterday		Yesterday	
Alexandria	86	+13	23.3	+2.5
Ezbekiya	59	+3	22.4	+0.8
Giza	62	+10	21.9	—
Helwan	49	+7	20.0	+1.8

NOTE. A dash means that figures are not available

Terms of Subscription by Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Nasser river gauge reading for 3.4.31 published on 6.4.31 should read 4.70 instead of 4.76 m.

ملاحظة - صحة قراءة النيل
بمقياس الناصر يوم ٣-٤-٣١
المذكورة بتقرير يوم ٦-٤-٣١
هي ٤٫٧٠ بدلا من ٤٫٧٦ مترا.

Discharges at Aswan measured by sluices m3 per sec

DATE	1931	1930
21.6	833	1152
20.6	774	1158

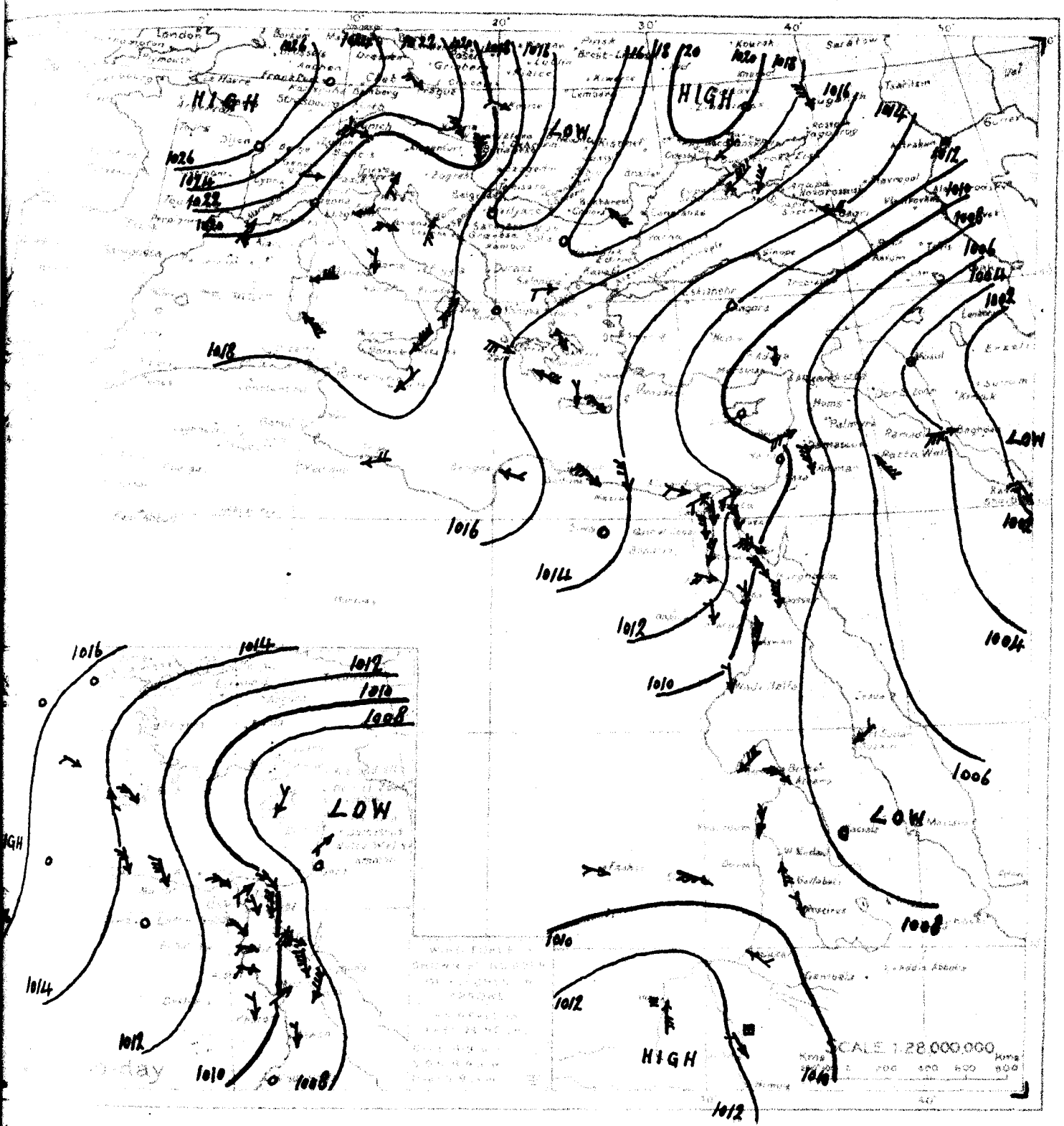
GAUGE	Date	Reading	Diff from normal	Rising since	
	1931	m	m	m	m
Juba	21.6	13.78	+0.29	13.70	+0.21
Nasser	21.6	7.54	−0.76	7.38	−0.87
Malakal	21.6	10.49	−0.39	10.44	−0.42
Roseires	22.6	13.48	+0.14	13.49	+0.17
Sennar Res.	21.6	6.03	—	6.14	—
Makwar	21.6	5.54	−1.06	5.68	−0.89
Khartoum	20.6	11.24	+0.17	11.26	+0.24
Kh. el Gird	20.6	10.60	−0.60	10.70	−0.45
Atbara	22.6	10.30	−0.15	10.14	−0.29
Wadi Halfa	21.6	0.86	−0.77	0.87	−0.74
Aswan Res.	21.6	102.07	—	102.36	—
" D.S.	21.6	85.47	−0.59	85.36	−0.75
El Leithi	22.6	16.88	−0.23	16.85	−0.25
Roda (Cairo)	22.6	15.77	+0.26	15.75	+0.25

PRINTED AT THE SURVEY OF EGYPT 1929(29/59/n) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٦-٣١ Barometer and Wind at 8 h. Yesterday 21.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٦-٣١ From Observations taken at 8 h. yesterday 21.6.31.

	Barometer Reduced to Sea Level	Barometer Change in 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature Max.	Temperature Min.	Temperature Diff from normal	Temperature Max.	Temperature Diff from normal	Temperature Min.	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	SEA
	m.d.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]	1019.4	+2.8	+4.3	N	1	1	23	-3	—	31	—	17	—	50	—	—	—	689	—
[illegible]	1018.7	+2.0	+2.1	NE	1	0	26	+1	—	28	+1	21	+2	70	—	0	338	426	0
[illegible]	1015.2	-0.4	+2.2	NNW	1	1	28	+2	—	—	—	22	+2	40	—	—	—	357	—
[illegible]	1015.1	-0.5	+1.9	NW	2	0	28	-1	—	31	+3	21	+1	—	—	0	519	458	3
[illegible]	1008.4	-1.9	-1.4	—	0	0	29	+1		34	+3	16	-1	—	—	0	393	462	0
Merowe	1008.2	-2.2	+0.2	NE	3	0	33.0	0.0	-1.1	43	0	27	+1	8	-11	0	0	4	—
Atbara	1009.1	-0.3	+2.4	NW	3	0	33.5	-0.3	-0.4	43	+1	26	0	15	-4	0	0	10	—
Kassala	1006.6	-1.7	-3.1	—	0	0	34.0	0.0	+4.5	42	+4	25	+1	31	-18	0	12	46	—
El Fasher	1009.4	-3.2	—	WNW	1	0	27.0	+3.0	-0.4	39	+1	18	-4	26	-23	0	29	27	—
El Obeid	1009.1	+0.9	-1.5	WNW	3	1	29.3	-4.7	+1.4	41	+4	23	+1	56	-4	0	23	56	—
Malakal	1011.8	-0.9	-0.2	SE	1	4	24.9	-3.1	-0.4	37	+5	22	+1	80	+2	0	212	308	—
Wau	1013.5	+1.2	+2.6	S	3	2	24.2	-3.0	-0.6	33	0	21	0	86	+7	1	330	492	—
Juba	1011.2	-4.3	—	NW	2	2	24.0	-1.0	—	27	—	19	—	88	—	37	566	502	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 h 55 m

" sunset 18 h 59 m

From Observations taken at 8h. to-day.

Tuesday 23rd June 1931 ١٩٣١ الثلاثاء ٢٣ يونيه

	STATION	Barometer Reduced to 0 Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum Yesterday	Temperature Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Jan.	Rainfall Total Last Year	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.4	-0.3	+0.2	NNW	3	0	23.2	-2.7	-2.0	32		21		85	+20	0	57	101	4
	MATRUH	1011.9	-0.1	-0.2	NW	3	0	24.6	-0.2	+0.2	27	-1	19	0	77	+1	0	177	158	4
	ALEXANDRIA	1011.6	0.0	+0.1	W	2	2	24.8	+0.7	-0.2	29	0	22	+1	83	+10	0	96	190	2
	PORT SAID	1010.7	+0.3	+0.5	WSW	1	1	26.4	+0.8	-0.1	31	+1	23	+1	70	+1	0	62	82	2
	GAZA	—	—	—	W	1	1	26.8	+0.7	+0.5	30	+1	20	+1	60	-10	0	251	376	
	HAIFA	1008.6	+0.8	+0.6	—	0	1	27.8	+0.6	+0.8	31	+1	23	+2	67	-1	0	665	646	1
LOWER EGYPT	TANTA	1011.8	+0.6		SW	1	0	26.3	+0.3		34		20		67		0	35		
	EZBEKIYA	1011.5	+0.5	+0.7	NW	1	1	25.3	-0.5	0.0	35	0	21	+1	69	0	0	17	34	
	GIZA	1011.6	+0.8	+0.1	NNW	2	1	25.5	+0.3	—	35	0	19	+1	73	—	0	21	31	
	HELWAN	1010.8	-0.6	-0.1	NNW	2	0	24.1	+0.8	-0.7	34	-1	21	+1	69	+11	0	19	36	
	SIWA	1012.7	0.0	+1.0	—	0	0	25.0	-1.1	-1.1	—	—	21	+1	68	+13	0	38	7	
RED SEA	SUEZ	1010.0	+0.5	-0.2	N	2	0	25.5	-0.3	0.0	36	+1	21	-1	72	+1	0	28	26	1
	TOR	1009.4	+1.8	+2.0	NW	5	0	26.1	-0.1	-0.6	35	+1	24	+1	83	+10	0	11	14	5
	HURGHADA	1009.6	+1.0		NNW	4	0	31.6	+2.3		33		23		36		0	0		3
	QUSEIR	1009.5	+1.2		N	4	0	30.2	+0.1		33		26		53		0	15		4
	[illegible]	1012.7	+0.7	+1.4	NE	1	0	27.0	+0.3	0.0	36	-1	21	+2	57	+2	0	17		
	[illegible]	1011.8	+0.4		NNW	3	0	26.5	+1.0	+0.5	35	-2	19	-1	54	-6				
	[illegible]	1011.8	+0.3	+1.7	ENE	2	0	27.6	+1.8	+0.1	36	-1	22	0	40	-5	0	7		
	[illegible]	1010.4	+1.1		WSW	2	0	30.8	-0.8	-0.3	42	+1	24	+1	29	-10				
	[illegible]	1011.2	+0.8		—	0	0	31.0	+0.9		38		19		28		0	1		
	[illegible]	1010.3	+1.3	+2.1	—	0	0	29.6	-0.1	-2.3	40	-2	24	-1	25	-6				
	[illegible]	1009.9	0.0	+1.5	—	0		28.8	-0.2	-1.4	40	-1	20	-3	23	+2				
	[illegible]	1008.8	+0.2	+0.4	—	0	1	33.0	+0.1	+1.9	44	+3	26	0	15	-26	0	5	14	
	[illegible]	1009.1	+2.5	+3.3	N	2	0	35.3	-2.2	0.0	40	+1	26	0	30	-8	0	29	109	2
	[illegible]	1009.4	+1.2	-2.0	—	0	3	26.7	-1.3	+1.7	39	+5	24	+2	73	+5	1	148	196	
	[illegible]	1009.3	+1.9		WNW	1	1	27.0	-2.0	-0.2	40	+2	22	0	49	-2	0	29	28	
	[illegible]	1011.9	-0.9	-0.1	SSW	1	3	27.5	+0.5	+2.3	35	+3	24	+3	69	-11	0	212	318	
	[illegible]	1013.5	-0.8		SW	2	3	25.0	+0.4	—	34	—	21	—	80	—	0	566	512	

TEMP. F. C. 120 110 100

PRESS Mm. Mb. 775 1025 1020 1015 1010 1005 1000

General Notice

8 30

Alt. in Metres	Wind at Sea	Direction
500	10	N
1000	15	NNW
1500	15	NW
2000	25	WNW
3000		

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yesterday %	Humidity Mean of Day Diff from normal %	Wet Bulb Temperature Mean of Day Yesterday °C	Wet Bulb Temperature Mean of Day Diff from normal °C
Alexandria	84	+11	—	—
Ezbekiya	54	-2	20.9	-0.7
Giza	56	+4	21.1	—
Helwan	51	+9	19.6	+1.4

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Nasser riergauge reading for 7.4.31 published on 9 & 10-4-31 should read 4.73 instead of 4.78 m.

صحة قراءة النيلومتر بمقياس الناصر يوم ٧/٤/٣١ المنشورة بتاريخ يومي ٩ و ١٠/٤/٣١ يكون ٤٫٧٣ بدلا من ٤٫٧٨ متر

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

DATE	1931	1930
23.6	846	1165
22.6	844	1151

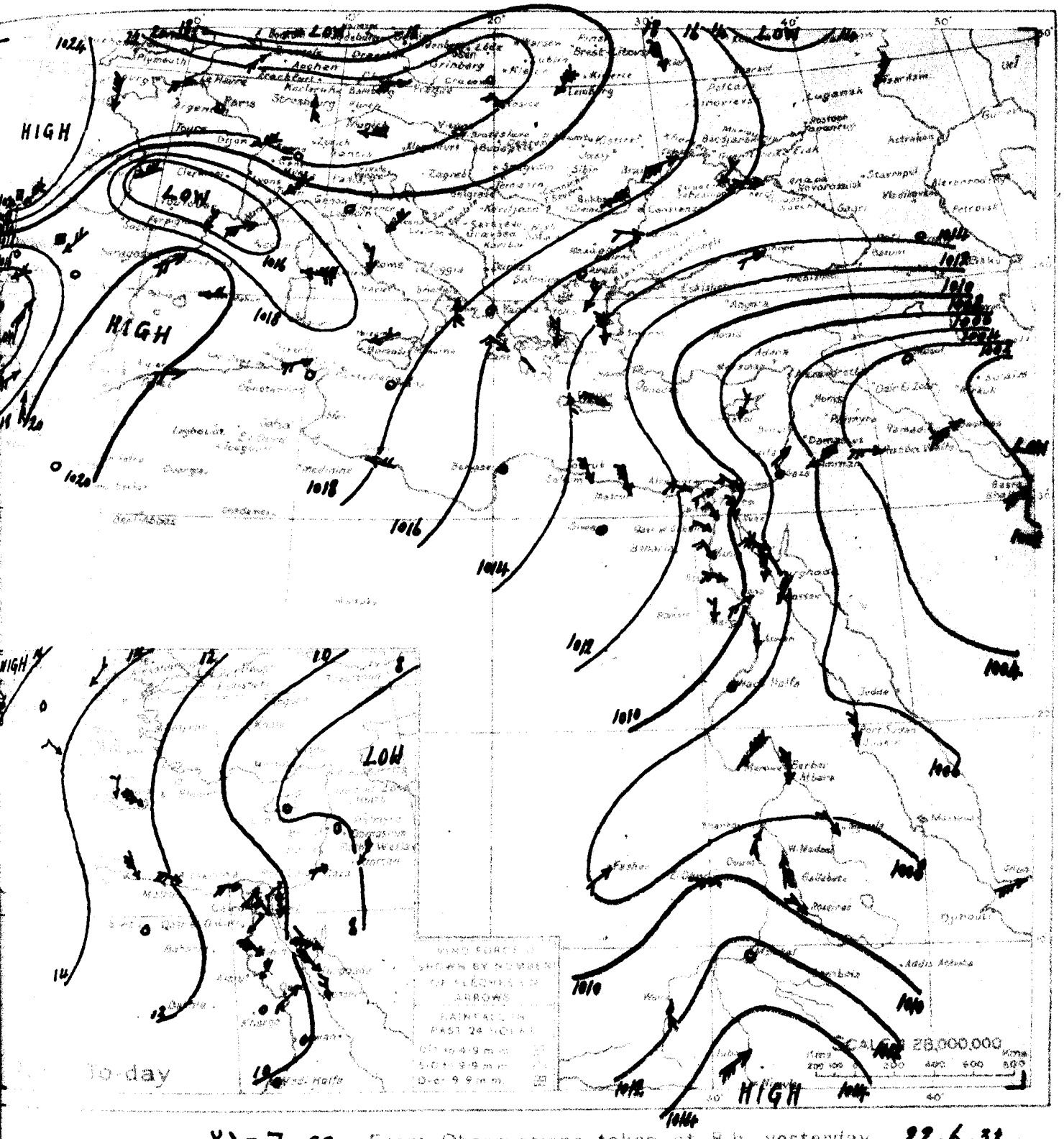
GAUGE	Date 1931	Reading m	Diff. from normal m	Rise Reading m	Rise Diff. from normal m
Juba	22.6	13.62	+0.43	13.76	+0.29
Nasser	21.6	7.54	-0.76	7.38	-0.37
Malakal	22.6	10.51	-0.39	10.49	-0.39
Roseires	23.6	13.72	+0.54	13.48	+0.14
Sennar Res.	22.6	5.95	—	6.03	—
Makwar	22.6	5.52	-1.12	5.54	-1.06
Khartoum	23.6	11.08	-0.11	11.14	-0.01
Kh. el Girba	21.6	10.50	-0.73	10.60	-0.63
Atbara	23.6	10.46	-0.01	10.30	-0.15
Wadi Halfa	23.6	0.82	-0.85	0.84	-0.81
Aswan Res.	23.6	101.49	—	101.79	—
" D.S.	23.6	85.59	-0.57	85.49	-0.57
El Leithi	23.6	16.89	-0.23	16.88	-0.23
Roda (Cairo)	23.6	15.79	+0.27	15.77	+0.261

PRINTED AT THE SURVEY OF EGYPT 1820(29/650/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢١-٦-٢٢ Barometer and Wind at 8 h. Yesterday 22.6.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-105	11
Hurricane	above 106	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٦-٢٢ From Observations taken at 8 h. yesterday 22.6.31.

STATIONS	BAROMETER Reduced to Sea Level	BAROMETER Change last 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1019.0	-0.4	+3.9	N	1	1	27	+4	—	34	—	19	—	40	—	—	—	691	—
MALTA	1018.0	-0.7	+1.4	—	0	0	26	0	—	28	+1	22	+3	60	—	0	338	426	0
ATHENS	1013.4	-1.8	+0.4	N	2	0	28	0	—	—	—	22	+2	30	—	—	—	358	—
CANDIA	1013.4	-1.7	+0.3	NW	3	1	27	-1	—	31	+3	23	+3	—	—	0	519	458	3
LIMASSOL	1006.4	-2.0	-3.2	NNE	1	0	27	-2		31	0	17	0	—	—	0	393	462	2
El Obaid	1010.3	+1.2	-0.3	W	2	1	28.2	-1.1	+0.4	40	+3	20	-2	66	+6	0	23	57	—
Wau	1011.4	-2.1	+0.4	S	2	4	24.0	-0.2	-0.7	31	-2	23	+2	83	+4	0	330	498	—
Juba	1014.3	+3.1	—	SW	3	0	24.6	+0.6	—	31	—	21	—	84	—	0	566	507	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 55

" " sunset 18 59

From Observations taken at 8h, to-day.

Wednesday 24th June, 1931 — الاربعاء ٢٤ يونيه ١٩٣١

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct.	Rainfall Normal Total since 1st Oct.	Sea
		mm	mm	mb				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	(Diff 2) —	—	—	NNW	2	0	24.7	+1.5	−0.6	31		21		69	+4	0	57	101	3
	MATRUH	1013.4	+1.5	+1.4	NNW	3	3	24.2	−0.4	−0.3	27	−1	20	0	88	+12	0	179	158	3
	ALEXANDRIA	1013.1	+1.5	+1.7	W	2	2	25.1	+0.3	+0.1	29	0	22	+1	86	+13	0	96	190	1
	PORT SAID	1011.9	+1.2	+1.8	WNW	3	1	26.9	+0.5	+0.4	31	+1	22	0	69	0	0	62	82	1
	GAZA	—	—	—	—	0	0	27.6	+0.8	+1.3	29	0	20	+1	61	−9	0	251	376	
	HAIFA	1009.6	+1.0	+1.7	—	0	1	28.8	+1.0	+1.7	32	+2	23	+2	68	0	0	665	647	1
DELTA & LOWER EGYPT	TANTA	1013.1	+1.3		NW	1	0	26.0	−0.3		35		20		69		0	35		
	CAIRO EZBEKIYA	1012.2	+0.7	+1.5	NW	2	0	26.4	+1.1	+1.0	35	0	22	+2	67	−2	0	17	34	
	GIZA	1012.0	+0.4	+0.6	NNW	2	0	25.6	+0.1	—	35	0	19	+1	71	—	0	21	31	
	HELWAN	1011.8	+1.0	+0.5	NNW	1	0	25.7	+1.6	+0.9	34	−1	21	+1	56	−2	0	19	35	
	SIWA	1014.2	+1.5	+2.5	—	0	0	24.0	−1.0	−2.1	—	—	22	+2	72	+16	0	38	7	
RED SEA	SUEZ	1009.9	−0.1	−0.1	N	2	0	26.0	+0.5	+0.5	37	+2	22	0	69	−2	0	28	26	2
	TOR	1009.4	0.0	+2.1	NW	5	0	27.1	+1.0	+0.3	37	+3	25	+1	76	+2	0	11	14	5
	HURGHADA	1010.0	+0.4		NNW	4	0	32.0	+0.4		35		24		40		0	0		2
	QOSSEIR	1010.2	+0.7		N	4	0	30.3	+0.1		33		27		61		0	15		2
UPPER EGYPT	GIRGA	1013.0	+0.3	+1.7	NW	1	0	28.0	+1.0	+1.0	36	−1	21	+2	51	−4	0	17		
	[illegible]	1011.6	−0.2		NW	2	0	27.5	+1.0	+1.4	37	0	19	−1	52	−9				
	[illegible]	1012.2	+0.4	+2.2	ENE	2	0	28.1	+0.5	+0.6	37	0	22	0	40	−5	0	7		
	[illegible]	1011.0	+0.6		NW	2	0	30.2	−0.6	−0.9	42	+1	23	0	31	−8				
	[illegible]	1011.2	0.0		N	1	0	32.4	+1.4		39		23		24		0	1		
	[illegible]	1010.2	−0.1	+2.0	—	0	0	30.6	+1.0	−1.3	40	−2	24	−1	24	−7				
[illegible]	[illegible]	1009.9	0.0	+1.5	—	0	[illegible]	29.0	+0.2	−1.2	40	−1	21	−2	18	−3				
	[illegible]	1007.4	−2.2	−0.6	NE	3	0	34.5	0.0	+0.5	44	+1	26	0	9	−11	0	0	4	
	[illegible]	1008.7	−0.1	+0.3	SSE	1	0	33.1	+0.1	+2.1	43	+2	26	0	12	−29	0	5	14	
	[illegible]	1006.6	−2.5	+0.9	N	5	0	37.5	+2.2	+2.1	39	0	27	+1	40	+2	0	29	109	5
	[illegible]	1012.4	+0.5	+0.3	S	2	3	24.1	−3.4	−1.1	34	+2	21	0	81	+2	2	214	323	

Date and Observation: 8 30

Hour	Wind Force	Wind Direction
500	15	N
1000	15	N
1500	15	NNW
2000	10	NNW
3000	20	WNW

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yesterday	Humidity Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Diff from normal
	%	%	°C	°C
Alexandria	88	+15	23.5	+2.6
Ezbekiya	51	−5	21.0	−0.7
Giza	53	+1	21.4	—
Helwan	45	+3	19.8	+1.5

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Cancel El Obeid and Malakal weather readings published on yesterday's report.

ملاحظة - تلغى قراءات العبيد والملكال المنشورة بتقرير أمس

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
23.6	846	1155
22.6	844	1151

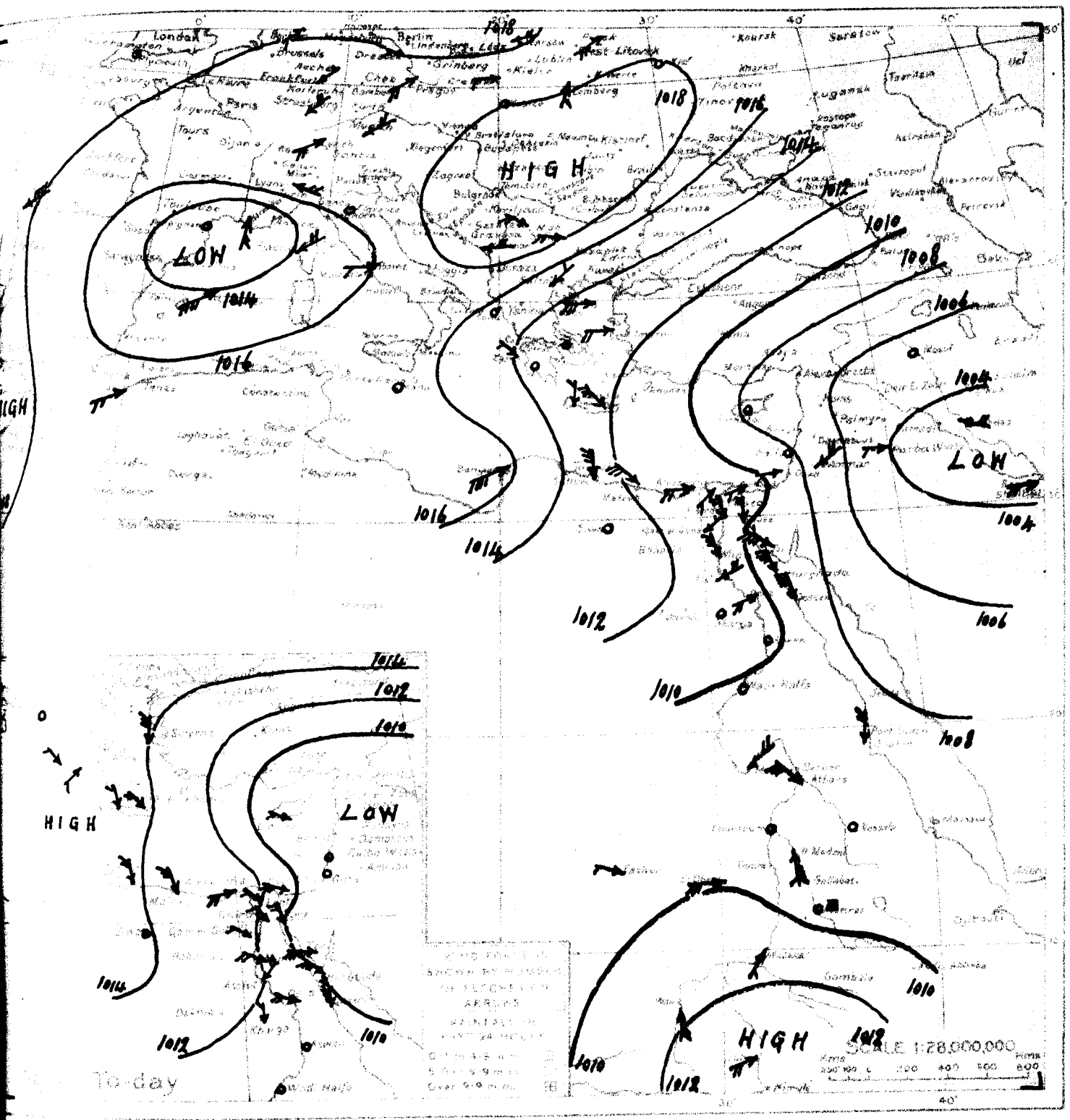
GAUGE	Date 1931	Reading m	Diff from normal m	Rise m	Diff from normal m
Juba	23.6	13.60	+0.10	13.62	+0.13
Nasser	22.6	7.70	−0.65	7.54	−0.76
Malakal	23.6	10.56	−0.35	10.51	−0.39
Roseires	23.6	13.72	+0.34	13.48	+0.14
Sennar Res.	22.6	5.95	—	6.03	—
Makwar	22.6	5.52	−1.12	5.54	−1.06
Khartoum	24.6	10.98	−0.24	11.08	−0.11
Kh. el Girba	22.6	10.40	−0.86	10.50	−0.73
Atbara	23.6	10.46	−0.01	10.30	−0.15
Wadi Halfa	24.6	0.81	−0.88	0.82	−0.85
Aswan Res.	23.6	101.49	—	101.79	—
" D.S.	23.6	85.50	−0.57	85.49	−0.57
El Leithi	24.6	16.92	−0.21	16.89	−0.23
Roda (Cairo)	24.6	15.79	+0.27	15.79	+0.27

PRINTED AT THE SURVEY OF EGYPT 1929 (95/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٦-٣٢ Barometer and Wind at 8 h. Yesterday 23.6.31.



٢١-٦-٣٢ From Observations taken at 8 h yesterday 23.6.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h	Mean of last 24 hours	Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
	ROME	1016.0	-3.0	+1.0	W	1	3	27	0	—	35	—	19	—	40	—	—	—	692	—
	MALTA	1016.9	-1.1	+0.3	—	0	0	28	+2	—	32	+5	23	+4	80	—	0	338	426	0
	ATHENS	1013.4	0.0	+0.4	—	0	0	29	+1	—	—	—	23	+3	30	—	—	—	358	—
	CANDIA	1012.8	-0.6	-0.3	NW	4	0	29	+2	—	30	+2	22	+2	—	—	0	519	458	3
	LIMASSOL	1007.5	+1.1	-2.0	—	0	2	26	-1		32	+1	19	+1	—	—	0	343	462	1
EGYPT and SUDAN	Merowe	1009.6	+1.7	+1.6	NE	2	0	34.5	+1.0	+0.5	43	0	27	+1	7	-12	0	0	4	—
	Atbara	1008.3	+0.4	+1.5	NW	3	0	34.5	0.0	+0.7	43	+1	25	-1	7	-3	0	0	10	—
	Kassala	1008.3	-0.5	-1.6	—	0	0	34.0	+2.0	+4.8	42	+4	28	+4	45	-5	0	12	46	—
	Wad Medani	1008.3	-0.8	-0.8	S	5	1	32.8	+0.8	+3.7	41	+2	27	+4	33	-18	0	16	56	—
	El Obeid	1010.0	-0.3	-0.7	W	3	3	31.4	+3.2	+3.7	41	+4	23	+1	43	-18	0	23	58	—
	Malakal	1011.9	-0.9	-0.1	SSW	1	3	27.5	+0.3	+2.3	35	+3	24	+3	69	-11	0	212	318	—
	Wau	1011.8	+0.4	+0.8	S	2	3	25.2	+1.2	+0.5	32	-1	23	+2	71	-8	0	330	503	—
	Juba	1013.5	-0.8	—	SW	2	3	25.0	+0.4	—	34	—	21	—	80	—	0	566	512	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04h 55m

" " sunset 18h 59m

From Observations taken at 8h. to-day.

Thursday 25th June, 1931 ١٩٣١ الخميس ٢٥ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct.	Rainfall Normal Total to Yesterday	Sea
		mm	mm	°C				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1015.4	—	+3.4	NNW	2	0	26.6	+1.9	+1.2	31		21		68	+3	0	57	101	4
	MATRUH	1013.9	+0.5	+2.0	NNW	3	2	25.3	+1.1	+0.8	27	−1	21	+1	83	+7	0	179	158	4
	ALEXANDRIA	1013.0	−0.1	+1.7	NNW	2	0	24.7	−0.4	−0.3	29	0	22	+1	77	+4	0	96	190	2
	PORT SAID	1012.4	+0.5	+2.4	NW	1	2	27.4	+0.5	+0.8	31	+1	22	0	66	−3	0	62	82	1
	GAZA	—	—	—	—	0	0	28.3	+0.7	+1.9	31	+2	21	+2	66	−4	0	251	376	
	HAIFA	1009.3	−0.3	+1.5	ENE	1	0	29.6	+0.8	+2.4	32	+2	24	+3	66	−2	0	665	647	1
LOWER EGYPT	TANTA	1012.6	−0.5		W	1	1	24.0	−2.0		35		20		82		0	35		
	CAIRO EZBEKIYA	1012.6	+0.4	+2.0	N	1	2	25.2	−1.2	−0.2	36	+1	22	+2	71	+2	0	17	34	
	CAIRO GIZA	1012.6	+0.6	+1.3	NNW	2	3	25.2	−0.4	—	36	+1	20	+2	73	—	0	21	31	
	CAIRO HELWAN	1011.5	−0.3	+0.3	NNW	2	0	23.7	−2.0	−1.1	35	0	21	+1	72	+13	0	19	35	
	SIWA	1014.0	−0.2	+2.4	—	0	0	25.8	+1.8	−0.3	—	—	21	+1	58	+2	0	38	7	
RED SEA	SUEZ	1008.7	−1.2	−1.3	N	3	0	26.0	0.0	+0.5	35	0	22	0	69	−3	0	28	26	3
	TOR	1008.7	−0.7	+1.5	NW	5	0	27.0	−0.1	+0.2	33	−1	25	+1	77	+3	0	11	14	5
	HURGHADA	1009.6	−0.4		NNW	4	0	30.9	−1.1		35		24		43		0	0		2
	QOSSEIR	1008.8	−1.4		N	4	0	30.3	0.0		34		26		46		0	15		3
UPPER EGYPT	GEBALI	1013.5	+0.5	+2.3	W	2	0	26.0	−2.0	−1.1	36	−1	21	+1	64	+9	0	17		
	MINYA	1012.2	+0.6		NNE	3	0	26.5	−1.0	+0.4	36	−1	21	+1	63	+2				
	ASYUT	1012.4	+0.2	+2.4	WNW	2	0	27.3	−0.8	−0.2	37	0	23	+1	50	+5	0	7		
	QENA	1009.8	−1.2		W	2	0	30.8	+0.6	−0.3	41	0	25	+2	36	−3				
	KHARGA																			
	ASWAN	1009.1	−1.1	+1.0	NE	2	0	30.8	+0.2	−1.1	40	−2	24	−1	20	−11				
NORTH SUDAN	WADI HALFA	1009.0	−0.9	+0.7	—	0		29.4	+0.4	−0.8	40	−1	22	−1	18	−3				
	WERWE	1006.8	−0.6	−1.2	NE	4	0	34.5	0.0	+0.6	44	+1	27	+1	9	−11	0	0	4	
	ATBARA																			
	KHARTOUM	1007.0	−1.7	−1.5	—	0	1	34.4	+1.3	+3.5	44	+3	27	+1	12	−30	0	5	14	
CENTRAL SUDAN	PORT SUDAN	1006.6	0.0	+1.0	—	0	0	35.7	−1.8	+0.3	43	+3	27	+1	26	−12	0	29	109	0
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1007.4	−1.0	−4.0	NNE	1	1	27.5	0.0	+2.6	38	+4	21	0	67	−2	14	166	204	
SOUTHERN SUDAN	EL FASHER	1007.2	−3.4		WNW	1	1	30.0	+3.0	+2.9	40	+2	22	0	33	−19	0	29	30	
	EL OBEID																			
	MALAKAL																			
	WAU	1009.9	−1.2	−1.1	S	3	2	25.8	+1.0	+1.2	33	0	23	+2	74	−6	0	340	515	
	JUBA																			

Upper Wind Observations at Helwan at 8h 30m

Height (Metres)	Kms an hour	Direction
500	15	NNW
1000	20	N
1500	15	N
2000	20	NNW
3000	30	WNW

General Situation

حالة الجو

Forecast for 24 hours from noon to-day.

التوقع خصوصا في الطقس من ظهر اليوم الى الظهر التالي

STATION	Humidity Mean of Day Yesterday	Humidity Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Diff from normal
	%	%	°C	°C
Alexandria	86	+13	23.9	+2.9
Ezbekiya	52	−4	22.0	+0.3
Giza	54	+2	21.4	—
Helwan	41	−1	19.9	+1.5

NOTE A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
25.6	841	1155
24.6	840	1157

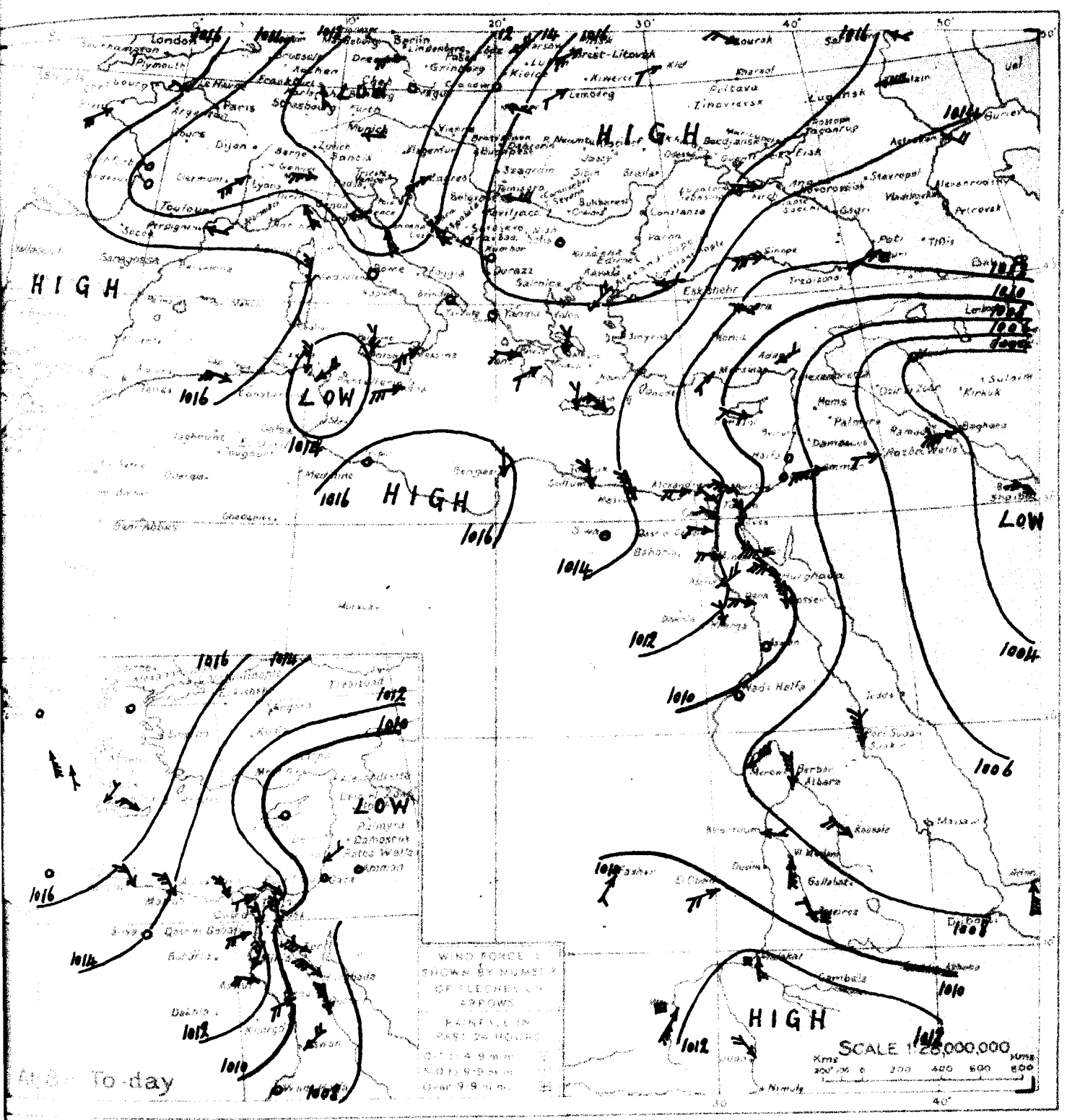
GAUGE	Date 1931	Reading m	Diff from normal m	Previous Reading m	Diff from normal m
Juba	24.6	13.63	+0.13	13.60	+0.10
Nasser	23.6	7.87	−0.53	7.70	−0.65
Malakal	24.6	10.60	−0.33	10.56	−0.35
Roseires	25.6	13.34	−0.18	13.63	+0.18
Sennar Res.	23.6	6.18	—	5.95	—
Makwar	23.6	5.75	−0.91	5.57	−1.12
Khartoum	25.6	10.90	−0.35	10.98	−0.24
Kh. el Girba	22.6	10.40	−0.86	10.50	−0.73
Atbara	24.6	10.46	−0.03	10.46	−0.01
Wadi Halfa	25.6	0.81	−0.90	0.81	−0.88
Aswan Res.	25.6	100.83	—	101.18	—
" D.S.	25.6	85.49	−0.61	85.50	−0.58
El Leithi	25.6	16.93	−0.21	16.92	−0.21
Roda (Cairo)	25.6	15.79	+0.26	15.79	+0.27

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٦-٢٤ Barometer and Wind at 8 h. Yesterday 24.6.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٦-٢٤ From Observations taken at 8 h yesterday. 24.6.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.8	-1.2	-0.2	—	0	2	29	+2	—	35	—	20	—	40	—	—	—	693	—
	MALTA	1015.2	-1.7	-1.4	SW	3	0	32	+4	—	34	+7	24	+5	20	—	0	338	427	1
	ATHENS	1015.9	+2.5	+2.9	N	1	1	28	-1	—	—	—	23	+3	30	—	—	—	358	—
	CANDIA	1014.4	+1.6	+1.4	NW	2	0	28	-1	—	31	+3	20	0	—	—	0	519	459	2
	LIMASSOL	1008.8	+1.3	-0.6	WNW	1	4	26	0		31	0	18	0	—	—	0	393	463	1
EGYPT and SUDAN	Atbara عطبرة	1008.8	+0.5	+2.0	N	4	0	35.0	+0.5	+1.3	44	+2	28	+2	17	-3	0	0	10	—
	Kassala كسلا	1007.0	-1.3	-2.9	NW	2	0	32.5	-1.5	+3.4	43	+5	28	+4	35	+4	0	12	49	—
	Wad Medani ود مدني	1008.7	+0.4	-0.5	S	3	2	30.8	-2.0	+1.8	43	+4	26	+3	50	-2	0	16	57	—
	Roseires الروصيرص	1008.4	-1.0	-3.0	NNW	1	1	27.5	+0.8	+2.6	38	+4	24	+3	67	-2	4	152	200	—
	El Fasher الفاشر	1010.6	+1.3	—	SSW	1	1	27.0	0.0	-0.2	40	+3	23	+1	52	+1	0	29	29	—
	El Obeid الأبيض	1009.8	-0.2	-1.0	WSW	2	1	28.5	-2.9	+0.9	40	+3	20	-2	53	-8	0	23	59	—
	Wau واو	1011.1	-0.7	+0.1	SSW	4	4	24.8	-0.4	+0.2	35	+2	22	+1	73	-7	10	340	509	—
	Juba جوبا	1013.1	-0.4	—	NW	2	1	25.6	+0.6	—	34	—	21	—	76	—	0	566	516	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 56

" " sunset 18 00

From Observations taken at 8h. to-day.

Friday 26th June, 1931 ١٩٣١ الجمعة ٢٦ يونيه

	STATION	Barometer Reduced to Sea Level (mm)	Barometer Change in past 24 hours (mm)	Barometer Diff. from normal (mm)	Wind Direction	Wind Force	Sky	Temperature At 8 h. (°C)	Temperature Change in past 24 hours (°C)	Temperature Diff. from normal (°C)	Temperature Maximum Yesterday (°C)	Temperature Diff. from normal (°C)	Temperature Minimum (°C)	Temperature Diff. from normal (°C)	Humidity At 8 h. (%)	Humidity Diff. from normal (%)	Rainfall Past 24 hours (mm)	Rainfall Since 1st Jan. (mm)	Rainfall Since 1st Jan. Normal (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	~~1016.0~~	+0.6	+4.1	—	0	0	26.7	+0.1	+1.3	30		19		60	-4	0	57	101	0
	MATRUH	1015.2	+1.3	+3.4	N	3	0	25.4	+0.1	+0.8	27	-1	22	+2	75	-1	0	179	158	3
	ALEXANDRIA	1013.8	+0.8	+2.6	—	0	0	24.8	+0.1	-0.3	29	0	22	+1	88	+15	0	96	190	1
	PORT SAID	1012.2	-0.2	+2.3	NW	2	0	28.8	+1.4	+2.2	30	0	22	0	63	-6	0	62	82	1
	GAZA	—	—	—	—	0	2	25.8	-2.5	-0.6	29	0	20	+1	76	+6	0	251	376	
	HAIFA	1009.4	+0.1	+1.7	SSW	1	0	29.9	+0.3	+2.6	32	+2	24	+3	62	-6	0	665	647	1
LOWER EGYPT	TANTA	1013.0	+0.4		—	0	0	27.0	+3.0		34		20		77		0	35		
	CAIRO EZBEKIYA	1012.3	-0.3	+1.8	NW	2	2	25.2	0.0	-0.2	35	0	22	+2	74	+4	0	17	34	
	CAIRO GIZA	1012.8	+0.2	+1.6	NW	2	3	24.2	-1.0	—	34	-1	19	+1	81	—	0	21	31	
	CAIRO HELWAN	1012.4	+0.9	+1.3	N	2	0	24.0	+0.3	-0.8	34	-1	21	+1	74	+15	0	19	35	
	SIWA	1014.0	0.0	+2.4	—	0	0	25.7	-0.1	-0.4	—	—	22	+2	64	+7	0	38	7	
RED SEA	SUEZ	1010.6	+1.9	+0.8	N	3	0	26.5	+0.5	+0.9	34	-1	22	0	67	-5	0	28	26	2
	TOR	1008.0	-0.7	+0.9	NW	4	0	27.1	+0.1	+0.2	33	-1	24	0	83	+9	0	11	14	5
	HURGHADA	1008.7	-0.9		NNW	4	0	28.9	-2.0		35		23		41		0	0		2
	QOSSEIR	1007.8	-1.8		NNW	4	0	30.3	0.0		33		27		53		0	15		3
UPPER EGYPT	GEBALI	1013.5	0.0	+2.4	NW	2	0	26.5	+0.5	-0.6	37	0	21	+1	59	+3	0	17		
	MINYA	1010.8	-1.4		NNE	3	0	26.5	0.0	+0.4	35	-2	21	+1	59	-2				
	ASYUT	1011.2	-1.2	+1.3	WNW	2	0	27.0	-0.3	-0.6	35	-2	24	+2	49	+3	0	7		
	SOHAG	1008.8	-1.0		W	2	0	30.3	-0.5	-0.8	41	0	24	+1	33	-4				
	KHARGA	1009.9	-1.1		NNE	1	0	30.2	-0.8		38		24		38		0	1		
	ASWAN	1008.3	-0.8	+0.3	NNE	3	0	32.0	+1.2	0.0	41	-1	26	+1	19	-12				
NUBIAN & LIBYAN DESERTS	WADI HALFA	1008.7	-0.3	+0.4	NNE	1	0	29.2	-0.2	-1.0	41	0	24	+1	23	+2				
	SARDUB	1006.2	-0.6	-1.8	NE	2	0	34.5	0.0	+0.6	45	+2	27	+1	9	-11	0	0	4	
	KHARGA	1007.6	-0.7	+0.7	N	3	0	35.0	+1.0	+1.5	44	+2	29	+3	15	-6	0	0	10	
	SALLUM	1004.6	-2.4	-3.9	NNE	3	0	35.6	+1.2	+4.8	43	+2	29	+3	10	-33	days	5	15	
SUDAN	PORT SUDAN	1007.8	+1.2	+2.2	NW	1	0	34.5	-1.2	-1.0	40	0	27	+1	38	0	0	29	109	1
	KASSALA	1005.6	-3.1	-4.4	NW	1	0	33.0	0.0	+4.1	41	+3	30	+6	55	+3	0	12	51	
	WAD MEDANI																			
	ROSEIRES	1005.1	-2.3	-6.4	N	1	2	28.5	+1.0	+3.7	37	+3	21	0	55	-15	0	166	208	
	EL FASHER	1005.5	-1.7		W	1	0	31.0	+1.0	+4.0	42	+4	22	0	17	-35	0	29	30	
	EL OBEID																			
	MESHAKAL	1011.6	+0.1	-0.6	SSE	2	1	28.6	+0.1	+3.5	35	+3	25	+4	63	-16	0	214	333	
	KUTUM	1009.5	-0.4	-1.6	S	4	0	26.2	+0.4	+1.7	36	+3	22	+1	67	-13	0	340	520	
	JUBA	1011.4	-0.5		S	4	0	25.0	-1.0		34		21		84		20	586	526	

General Situation

Forecast for 24 hours from noon to-day.

Height (metres)	Wind at noon
500	
1000	
1500	
2000	
3000	

STATION	Humidity Mean of Day Yesterday (%)	Humidity Diff. from normal (%)	Wet Bulb Temperature Mean of Day Yesterday (°C)	Wet Bulb Temperature Diff. from normal (°C)
Alexandria	84	+11	23.1	+2.1
Ezbekiya	60	+4	21.6	-0.2
Giza	56	+4	21.5	—
Helwan	51	+9	20.2	+1.8

NOTE. A dash means that figures are not available.

Terms of Subscription By inland Post, PT. 100 annually

" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m3 per sec

DATE	1931	1930
26.6	841	1156
25.6	841	1155

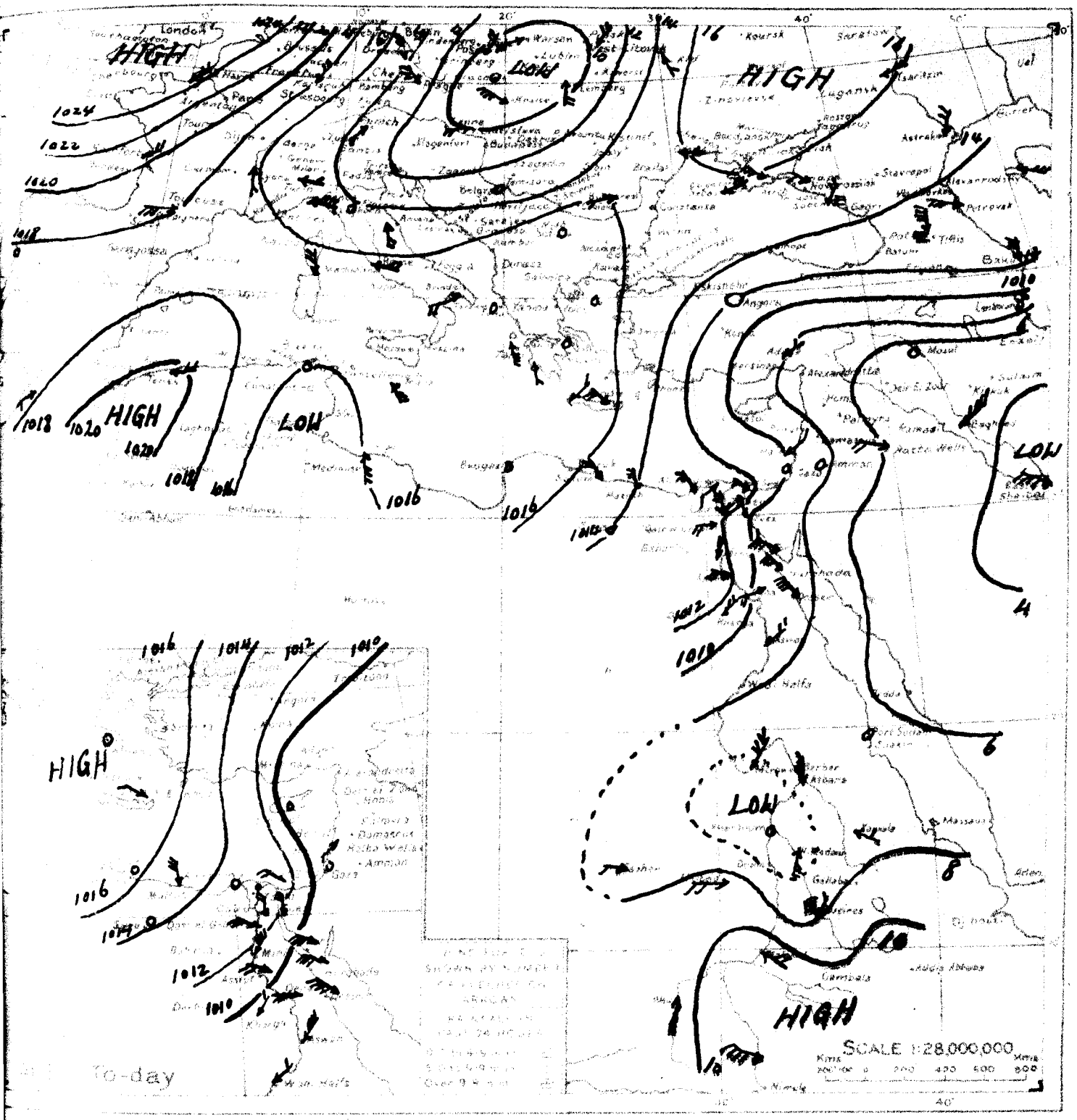
GAUGE	Date 1931	Reading (m.)	Diff. from normal (m.)	Rise (m.)	Rise (m.)
Juba	26.6	13.62	+0.12	13.62	+0.12
Nasser	24.6	7.95	-0.29	7.87	-0.53
Malakal	26.6	10.67	-0.31	10.64	-0.32
Roseires	26.6	13.29	-0.35	13.34	-0.18
Sennar Res.	24.6	6.41	—	6.18	—
Makwar	24.6	6.02	-0.68	5.75	-0.91
Khartoum	26.6	10.86	-0.42	10.90	-0.35
Kh. el Girba	24.6	10.38	-0.96	10.38	-0.91
Atbara	26.6	10.41	-0.16	10.44	-0.09
Wadi Halfa	26.6	0.82	-0.92	0.81	-0.90
Aswan Res.	26.6	100.47	—	100.83	—
" D.S.	26.6	85.50	-0.62	85.49	-0.61
El Leithi	26.6	16.94	-0.22	16.93	-0.21
Roda (Cairo)	26.6	15.75	+0.21	15.79	+0.26

PRINTED AT THE SURVEY OF EGYPT 1929(21/649/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢٥ . ٦ . ٣١. Barometer and Wind at 8 h. Yesterday 25 . 6 . 31.



WIND VELOCITY

	K.P.H.	Force
Calm	0- 1	0
Almost calm	2- 6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-55	8
Strong gale	56-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٥ . ٦ . ٣١. From Observations taken at 8 h. yesterday. 25.6.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Max. in yesterday	Temperature: Diff from normal	Temperature: Min. in yesterday	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
Rome	1016.4	+1.6	+1.4	SE	2	4	29	0	—	32	—	22	—	40	—	—	—	695	—
Malta	1016.3	+1.1	-0.3	SE	3	0	31	-1	—	36	+9	26	+7	40	—	0	338	427	1
Athens	1017.2	+1.3	+4.2	—	0	0	28	0	—	—	—	22	+2	30	—	—	—	359	—
Candia	1016.7	+2.3	+3.7	NW	2	0	28	0	—	31	+3	23	+3	—	—	0	519	457	3
Limassol	1009.1	+0.3	-0.3	—	0	0	28	+2		32	+1	20	+2	—	—	0	373	463	0
Kharga	1011.0	-0.2	—	NE	2	0	31.0	-1.4	—	40	—	26	—	37	—	0	1	—	—
Atbara	1008.3	-0.5	+1.5	N	3	0	34.0	-1.0	+0.4	45	+3	30	+4	16	-4	0	0	10	—
Kassala	1008.7	+1.7	-1.3	ESE	1	0	33.0	+0.5	+4.0	42	+4	28	+4	65	+3	0	12	50	—
Wad Medani	1006.0	-2.7	-3.3	S	3	1	33.5	+2.7	+4.5	43	+5	28	+5	38	-15	0	16	58	—
El Obeid	1008.8	-1.0	-2.0	W	2	1	31.7	+3.2	+4.2	40	+3	22	0	37	-23	0	23	60	—
Malakal	1011.5	-0.9	-0.6	ESE	2	2	28.5	+4.4	+3.4	32	0	23	+2	64	-15	0	214	328	—
Juba	1011.9	-1.2	—	NW	4	2	26.0	+0.4	—	34	—	21	—	80	—	0	566	521	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 56

" " sunset 19 00

From Observations taken at 8h. to-day.

Saturday 27th June, 1931 ١٩٣١ السبت ٢٧ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Yesterday	Rainfall Since 1st Jan.	Rainfall Same period last year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.3	−1.7	+2.5	N	1	0	27.1	+0.4	+1.6	33		22		65	+1	0	57	101	1
	MATRUH	1013.4	−1.8	+1.7	NNW	3	0	26.0	+0.6	+1.4	28	0	21	+1	85	+9	0	179	158	2
	ALEXANDRIA	1011.9	−1.9	+0.8	WNW	1	0	24.9	+0.1	−0.2	29	0	23	+2	92	+18	0	96	190	1
	PORT SAID	1011.1	−1.1	+1.3	NE	1	0	27.9	−0.9	+1.2	33	+3	24	+2	77	+8	0	62	82	1
	GAZA	—	—	—	—	0	0	27.3	+1.5	+0.8	30	+1	22	+3	70	0	0	251	376	
	HAIFA	1008.3	−1.1	+0.7	—	0	0	30.5	+0.6	+3.2	32	+2	24	+3	66	−2	0	665	647	1
LOWER EGYPT	TANTA	1012.0	−1.0		WNW	1	0	28.1	+1.1		37		20		66		0	35		
	CAIRO EZBEKIYA	1011.5	−0.8	+1.1	NW	2	0	26.4	+1.2	+1.0	37	+2	23	+3	73	+3	0	17	34	
	CAIRO GIZA	1011.4	−1.4	+0.2	N	2	0	25.8	+1.6	—	36	+1	22	+4	76	—	0	21	31	
	CAIRO HELWAN	1010.0	−2.4	−1.0	N	3	0	27.9	+3.9	+3.1	36	+1	22	+2	53	−5	0	19	35	
	SIWA	1012.7	−1.3	+1.1	—	0	0	28.5	+2.8	+2.4	—	—	24	+4	33	−24	0	38	7	
RED SEA	SUEZ	1009.6	−1.0	−0.1	N	3	0	26.9	+0.4	+1.3	35	−1	23	+1	74	+2	0	28	26	2
	TOR	1007.1	−0.9	+0.1	NW	4	0	27.1	0.0	+0.2	32	−2	23	−1	79	+5	0	11	14	4
	HURGHADA	1008.0	−0.7		NNW	4	0	30.0	+1.1		33		23		49		0	0		2
	QOSSEIR	1007.1	−0.7		N	4	0	30.6	+0.3		34		26		52		0	15		4
UPPER EGYPT	GERGA	1012.2	−1.3	+1.2	N	2	0	28.5	+2.0	+1.4	37	0	22	+2	55	−1	0	17		
	MINYA	1010.2	−0.6		NNE	3	0	26.7	+0.2	+0.6	36	−1	22	+2	72	+11				
	ASYUT	1009.9	−1.3	+0.1	NW	2	0	27.8	+0.8	+0.2	38	+1	22	0	53	+7	0	7		
	QENA	1007.8	−1.0		W	2	0	30.2	−0.1	−0.9	42	+1	25	+2	39	0				
	KHARGA	1008.3	−1.6		N	2	0	31.1	+0.9		38		28		33		0	1		
	ASWAN	1006.7	−1.6	−1.3	N	1	0	31.5	−0.5	−0.5	42	0	25	0	21	−10				
NILE VALLEY	WAD HALFA	1007.4	−1.3	−0.8	—	0	[illegible]	30.2	+1.0	0.0	39	−2	23	0	25	+4				
	WEROWE	1005.9	−0.3	−2.1	NE	2	0	33.5	−1.0	−0.3	45	+2	27	+1	15	−5	0	0	4	
	ATBARA																			
	KHARTOUM	1005.9	+1.3	−2.6	SSW	2	6	34.4	−1.2	+3.7	44	+3	31	+5	32	−11	drops	5	15	
SUDAN	PORT SUDAN	1005.3	−2.5	−0.3	N	2	0	35.6	+1.1	+0.1	39	−1	26	0	27	−11	0	29	109	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1005.5	+0.4	−6.0	N	1	0	29.0	+0.5	+4.2	40	+6	25	+4	52	−18	1	167	212	
	EL FASHER	1005.5	0.0		WSW	1	0	29.0	−2.0	+2.1	42	+4	24	+2	34	−19	0	29	31	
	EL OBEID																			
	MALAKAL	1010.0	−1.6	−2.2	SE	2	2	28.4	−0.2	+3.3	37	+5	25	+4	59	−20	0	214	338	
	WAU																			
	JUBA																			

Upper Nile Observations at Renk at 8 30

Height (Feet)	Miles per hour	Direction
500	35	NNE
1000	40	NE
1500	35	NE
2000	50	NNE
3000		

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	88	+15	24.1	+3.0
Ezbekiya	56	−1	22.2	+0.4
Giza	56	+2	21.5	—
Helwan	49	+6	20.6	+2.1

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
26.6	841	1156
25.6	841	1155

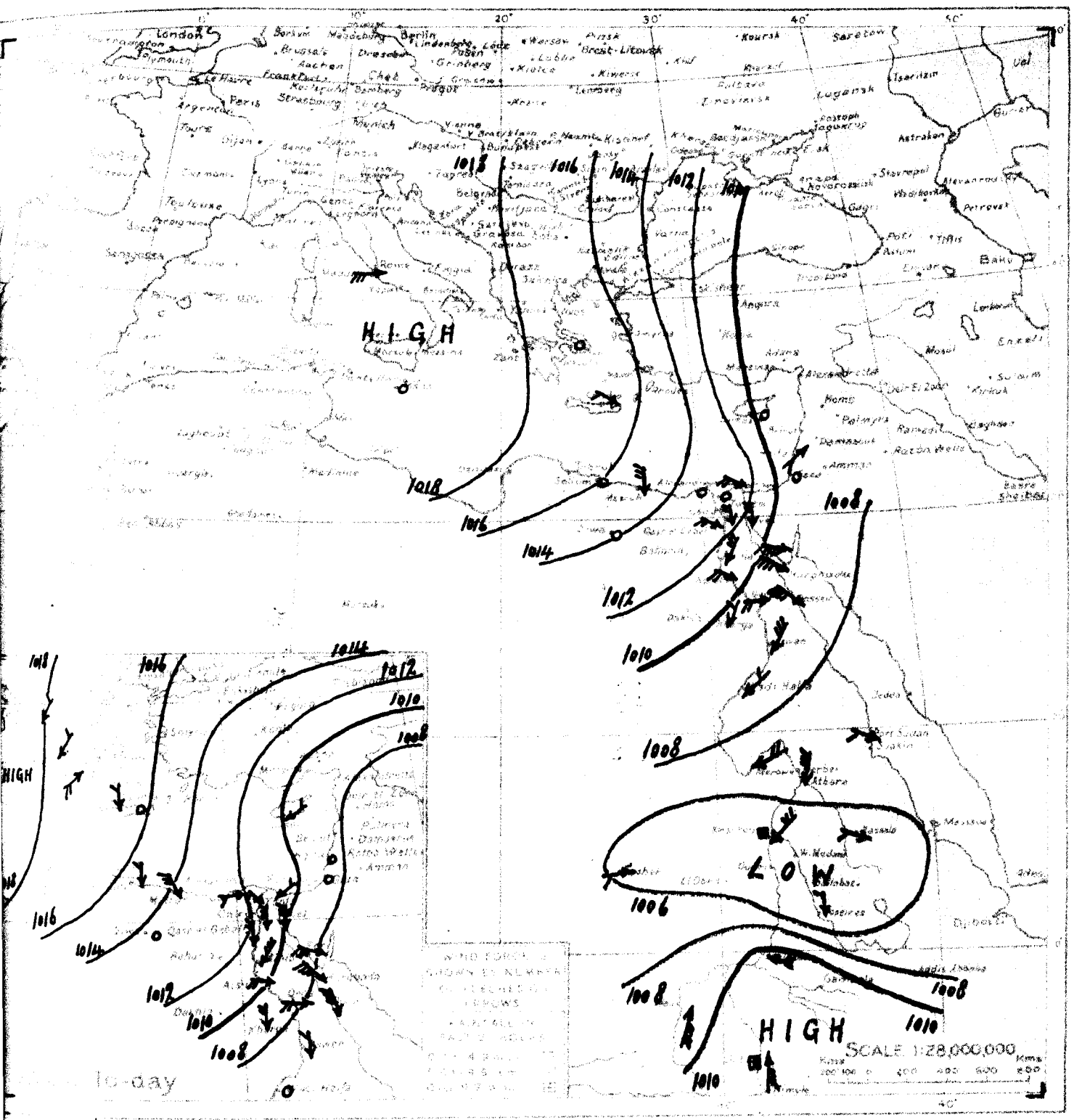
GAUGE	Date 1931	Reading m	Diff from normal m	Rise m	Diff from normal m
Juba	26.6	13.62	+0.12	13.62	+0.12
Nasser	24.6	7.95	−0.49	7.87	−0.53
Malakal	26.6	10.67	−0.31	10.64	−0.32
Roseires	27.6	13.25	−0.50	13.24	−0.35
Sennar Res.	24.6	6.41	—	6.18	—
Makwar	24.6	6.02	−0.68	5.75	−0.91
Khartoum	26.6	10.86	−0.42	10.90	−0.35
Kh. el Girba	25.6	10.30	−1.10	10.38	−0.96
Atbara	26.6	10.41	−0.16	10.44	−0.69
Wadi Halfa	26.6	0.82	−0.92	0.81	−0.90
Aswan Res.	26.6	100.47	—	100.83	—
" D.S.	26.6	85.50	−0.62	85.29	−0.61
El Leithi	27.6	16.94	−0.24	16.94	−0.99
Roda (Cairo)	24.6	15.75	−0.27	15.75	+0.21

PRINTED AT THE SURVEY OF EGYPT (229(25/229/1)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢٦-٦-٣١ Barometer and Wind at 8 h. Yesterday 26.6.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rainfall	5
Sand-rise	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢٦-٦-٣١ From Observations taken at 8 h yesterday 26.6.31.

Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Rain 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1018.3	+1.9	+3.3	W	3	4	24	-5	—	33	—	20	—	50	—	—	—	696	—
MALTA	1018.7	+2.4	+2.1	—	0	0	29	-2	—	35	+7	24	+4	50	—	0	338	427	1
ATHENS	1016.3	-0.9	+3.3	—	0	8	31	+3	—	—	—	—	—	40	—	—	—	360	—
CANDIA	1017.8	+1.1	+4.8	NW	1	0	31	+3	—	32	+4	21	+1	—	—	0	519	459	1
LIMASSOL	1008.8	-0.3	-0.4	—	0	0	28	0		32	+1	19	+1	—	—	0	393	463	0

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 56

" sunset 19 00

From Observations taken at 8h. to-day.

Sunday 28th June, 1931 ١٩٣١ الاحد ٢٨ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct.	Rainfall Total last year to this date	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MED. TERRANEAN	SOLLUM	1013.1	−1.2	+1.4	NW	4	0	30.8	+3.7	+5.2	33	—	23	—	42	−22	0	57	101	5
	MATRUH	1012.4	−1.0	+0.8	N	4	0	25.0	−1.0	+0.3	28	0	22	+2	82	+5	0	179	158	3
	ALEXANDRIA	1011.2	−0.7	+0.2	WNW	1	0	26.7	+1.8	+1.5	31	+2	24	+3	81	+7	0	96	190	1
	PORT SAID	1009.9	−1.2	+0.2	NW	1	0	30.0	+2.1	+3.3	32	+2	24	+2	65	−4	0	62	82	1
	GAZA																			
	HAIFA	1009.1	+0.8	+1.7	—	0	0	31.0	+0.5	+3.6	32	+2	24	+3	67	−1	0	665	647	1
LOWER EGYPT	TANTA	1011.1	−0.9		SW	1	0	27.9	−0.2		38		20		69		0	35		
	EZBEKIYA	1010.3	−1.2	0.0	NNE	1	0	27.9	+1.5	+2.5	38	+3	23	+5	66	−4	0	17	34	
	GIZA	1010.4	−1.0	−0.7	NNW	1	0	27.2	+1.4	—	37	+2	20	+2	70	—	0	21	31	
	MINIA	1009.3	−0.7	−1.6	NW	3	0	27.6	−0.3	+2.8	38	+3	23	+3	51	−9	0	19	35	
	SIWA	1013.3	+0.6	+1.8	—	0	0	30.8	+2.3	+4.7	—	—	—	—	51	−7	0	38	7	
RED SEA	SUEZ	1008.8	−0.8	−0.8	N	3	0	28.2	+1.3	+2.5	37	+1	24	+2	68	−4	0	28	26	2
	TOR	1006.8	−0.3	−0.2	NW	4	0	28.0	+0.9	+1.0	36	+2	25	+1	70	−4	0	11	14	4
	HURGHADA	1007.8	−0.2		N	4	0	31.0	+1.0		34		25		46		0	0		2
	QOSSEIR	1007.0	−0.1		NNW	4	0	31.8	+1.2		34		26		40		0	15		3
[illegible]	[illegible]	1011.2	−1.0	+0.2	NW	2	0	29.0	+0.5	+1.9	39	+2	21	+1	54	−2	0	17		
	[illegible]	1009.6	−0.6		NNE	3	0	27.5	+0.8	+1.4	38	+1	22	+2	54	−7				
	[illegible]	1009.9	0.0	+0.2	WNW	2	0	28.5	+0.7	+0.9	40	+3	23	0	44	−2	0	7		
	[illegible]	1007.5	−0.3		WNW	2	0	30.9	+0.7	−0.2	43	+2	24	0	38	−1				
	[illegible]	1006.6	−0.1	−1.3	NNE	1	0	32.3	+0.8	+0.3	43	+1	26	0	18	−13				
	[illegible]	1006.6	−0.8	−1.6	—	0	[illegible]	31.0	+0.8	+0.8	43	+2	24	+1	19	−2				
	[illegible]	1006.6	+0.7	−1.4	NE	2	0	36.0	+2.5	+2.2	46	+3	27	+1	12	−8	0	0	4	
	[illegible]	1006.4	+0.5	−2.1	WSW	4	6	35.0	+0.6	+4.4	45	+4	31	+5	35	−9	0	5	15	
	[illegible]	1006.6	+1.3	+1.1	—	0	0	36.4	+0.8	+0.8	38	−2	26	0	35	−3	0	29	109	0
	[illegible]	1010.4	+4.9	−1.1	NNE	2	3	25.5	−3.5	+0.8	39	+5	25	+4	72	+2	0	167	215	
	[illegible]	1011.4	+1.4	−0.8	SW	2	2	25.9	−2.5	+0.9	36	+4	23	+2	67	−13	0	214	343	

[illegible] 8 30

[illegible]	Knots per hour	[illegible]
500	20	NNE
1000	25	NNE
1500	25	NE
2000	40	N
3000	10	N

Forecast for 24 hours from noon to-day.

STATION	Barometer Mean of Day	Diff from normal	Wet Bulb Mean of Day	Diff from normal
	Yester day		Yester day	
	%	%	°C	°C
Alexandria	86	+13	24.7	+3.5
Ezbekiya	55	−2	23.0	+1.2
Giza	54	0	22.5	—
Helwan	37	−6	21.1	+2.5

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT.100 annually

" " Abroad PT.150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
28.6	842	1156
27.6	837	1157

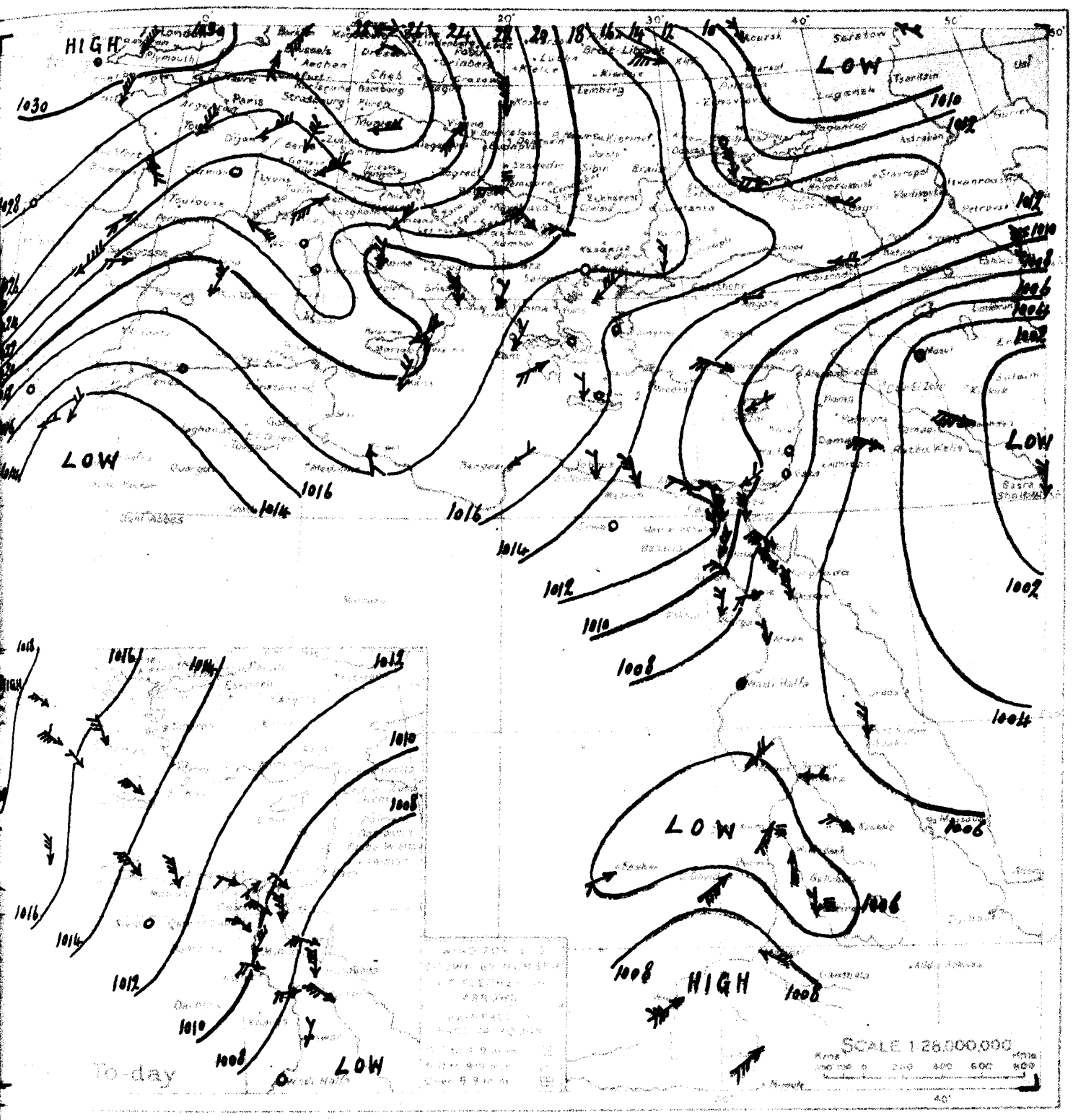
GAUGE	Date	Reading	Diff from normal	Rise	[illegible]
	1931	m	m	m	m
Juba	27.6	13.54	+0.03	13.62	+0.12
Nasser	25.6	8.05	−0.41	7.95	−0.49
Malakal	27.6	10.71	−0.29	10.67	−0.31
Roseires	28.6	13.22	−0.63	13.25	−0.50
Sennar Res.	26.6	6.50	—	6.50	—
Makwar	26.6	6.10	−0.70	6.12	−0.62
Khartoum	28.6	11.08	−0.27	10.96	−0.35
Kh. el Girba	26.6	10.30	−1.14	10.30	−1.10
Atbara	27.6	10.38	−0.22	10.41	−0.16
Wadi Halfa	27.6	0.84	−0.94	0.82	−0.92
Aswan Res.	28.6	99.68	—	100.10	—
" D.S.	28.6	85.52	−0.66	85.52	−0.63
El Leithi	28.6	16.94	−0.27	16.94	−0.24
Roda (Cairo)	28.6	15.73	+0.18	15.75	+0.21

PRINTED AT THE SURVEY OF EGYPT 1229(29/5/31) 1930 (50/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١-٦-٢٧ Barometer and Wind at 8 h. Yesterday 27.6.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Hazing	5
Sand raze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٦-٢٧ From Observations taken at 8 h. yesterday 27.6.31.

Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1019.1	+0.8	+4.1	N	2	3	26	+2	—	33	—	20	—	40	—	—	—	698	—
MALTA	1019.3	+0.6	+2.7	NNE	2	0	29	0	—	37	+9	24	+4	50	—	0	338	427	1
ATHENS	1016.2	−0.1	+3.2	—	0	0	31	0	—	—	—	—	—	30	—	—	—	360	—
CANDIA	1016.4	−1.4	+3.6	—	0	0	33	+2	—	34	+6	24	+4	—	—	0	519	459	1
LIMASSOL	1008.6	−0.2	−0.5	ENE	1	0	34	+6		36	+5	19	+1	—	—	0	393	463	0
Atbara	1007.9	+0.3	+1.0	E	1	0	35.0	0.0	+1.6	45	+3	28	+2	13	−8	0	0	11	—
Kassala	1008.4	+2.8	−1.7	NW	2	0	32.5	−0.5	+3.8	47	+10	28	+4	61	+8	0	12	52	—
Wad Medani	1006.0	+0.7	−3.4	S	4	0	33.0	+0.5	+4.2	43	+5	28	+5	40	−15	0	16	61	—
El Obeid	1007.1	+1.5	−3.8	SW	4	3	32.2	−1.8	+4.9	42	+6	26	+4	47	−16	0	23	63	—
Wau	1008.8	−0.7	−2.3	SW	7	2	27.2	+1.0	+2.7	35	+2	23	+2	68	−12	0	340	526	—
Juba	1009.0	−2.4	—	SW	3	2	26.5	+1.5	—	34	—	23	—	75	—	0	586	531	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 57

" " sunset 19 00

From Observations taken at 8 h. to-day.

Monday 29th June, 1931 ١٩٣١ الاثنين ٢٩ يونيه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum last night	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. last year	Rainfall: Total same date last year	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1013.8	+0.7	+2.2	NE	3	0	26.1	-4.7	+0.5	35	—	21	—	67	+3	0	57	101	4
	MATRUH	1012.4	0.0	+0.9	N	4	1	24.3	-0.7	-0.4	28	0	23	+3	72	-5	0	179	158	6
	ALEXANDRIA	1010.7	-0.5	-0.2	NW	4	2	24.0	-2.7	-1.2	31	+2	22	+1	76	+1	0	96	190	4
	PORT SAID	1008.6	-1.3	-1.0	NW	3	0	27.1	-2.9	+0.4	35	+5	25	+3	61	-8	0	62	82	4
	GAZA	—	—	—	S	1	2	24.8	+1.7	+3.2	35	+5	21	+2	68	-3	0	251	376	
	HAIFA	1005.0	-4.1	-2.3	—	0	0	24.2	-1.8	+1.7	33	+3	24	+3	66	-2	0	665	647	•
LOWER EGYPT	TANTA	1010.0	-1.1	—	W	2	0	26.3	-1.6		38		22		60		0	35		
	CAIRO: EZBEKIYA	1009.8	-0.5	-0.4	N	2	0	26.1	-1.8	+0.7	38	+3	23	+3	67	-4	0	17	34	
	CAIRO: GIZA	1009.6	-0.8	-1.4	NNW	3	0	25.9	-1.3	—	38	+3	21	+3	66	—	0	21	31	
	CAIRO: HELWAN	1009.1	-0.2	-1.7	NNW	4	0	24.7	-2.9	-0.1	38	+3	23	+3	64	+3	0	19	35	
	SIWA	1012.7	-0.6	+1.2	—	0	0	25.2	-5.6	-1.0	—	—	23	+3	86	+28	0	38	7	
RED SEA	SUEZ	1007.5	-1.3	-2.1	N	3	0	26.8	-1.4	+1.1	38	+2	24	+2	71	-1	0	28	26	2
	TOR	1005.5	-1.3	-1.4	NW	5	0	27.0	-1.0	0.0	35	+1	26	+2	77	+3	0	11	14	5
	HURGHADA	1006.4	-1.4		N	4	0	31.3	+0.3		35		27		47		0	0		2
	QOSSEIR	1005.9	-1.1		NNW	4	0	32.3	+0.5		35		29		45		0	15		3
UPPER EGYPT	GERGA	1010.7	-0.5	-0.2	NW	3	0	27.8	-1.2	+0.6	39	+2	24	+4	51	-6	0	17		
	[illegible]	1009.0	-0.6		NNE	4	0	26.5	-1.0	+0.4	39	+2	—	—	69	+7				
	ASSIUT	1008.7	-1.2	-0.9	WNW	2	0	28.0	-0.5	+0.4	40	+3	24	+1	49	+3	0	7		
	[illegible]	1006.3	-1.2		WNW	1	0	32.7	+1.8	+1.6	44	+3	26	+2	35	-4				
	[illegible]	1008.0	+0.1		N	1	0	32.1	-0.8		41		27		33		0	1		
	[illegible]	1005.8	-0.8	-2.0	NW	2	0	33.3	+1.0	+1.3	46	+4	26	0	22	-9				
[illegible]	[illegible]	1006.3	-0.3	-1.9	—	0	•	31.6	+0.6	+1.4	44	+3	25	+2	20	-1				
[illegible]	[illegible]	1006.6	-0.1	-0.4	SW	4	0	35.0	-1.0	+1.7	46	+4	31	+5	23	0	0	0	11	
[illegible]	[illegible]	1008.7	+2.3	+0.2	SSW	5	6	31.6	-3.4	+1.2	45	+4	28	+2	40	-5	0	5	15	
[illegible]	[illegible]	1005.3	-1.3	-0.1	E	3	0	35.0	-1.4	-0.6	38	-2	27	0	50	+12	0	29	109	3
[illegible]	[illegible]	1009.0	+2.0	-1.2	—	0	•	29.0	-4.0	+0.5	41	+4	24	0	71	+17	1	13	54	
[illegible]	[illegible]	1008.7	+1.5	-0.8	S	4	2	31.8	-0.2	+3.1	41	+3	26	+3	42	-15	0	16	63	
[illegible]	[illegible]	1010.3	-0.1	-1.3	NNW	1	3	23.0	-2.5	-1.7	35	+1	21	0	83	+12	2	169	219	

General Situation

الحالة العامة

Wind direction and force at 9 00

Height in Feet	Force in Knots	Direction
500	20	NNW
1000	20	NNW
1500	15	WSW
2000	30	WNW
3000		

Forecast for 24 hours from noon to-day.

التنبؤ لغاية ٢٤ ساعة من الظهر

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Air Temperature Mean of Day: Yesterday	Air Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	87	+14	25.3	+4.0
Ezbekiya	54	-3	23.3	+1.4
Giza	52	-2	22.6	—
Helwan	38	-5	21.0	+2.4

NOTE. A dash means that figures are not available.

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Remarks

Khashm el Girba river gauge readings for 17 & 18.6.31 are 11.08 & 10.94 m. respectively.

ملاحظة - قراءتا النهر بمقياس خشم القربة يومى ١٧ و ١٨-٦-٣١ هما ١١,٠٨ و ١٠,٩٤ مترا على التوالى .

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
29.6	866	1185
28.6	842	1156

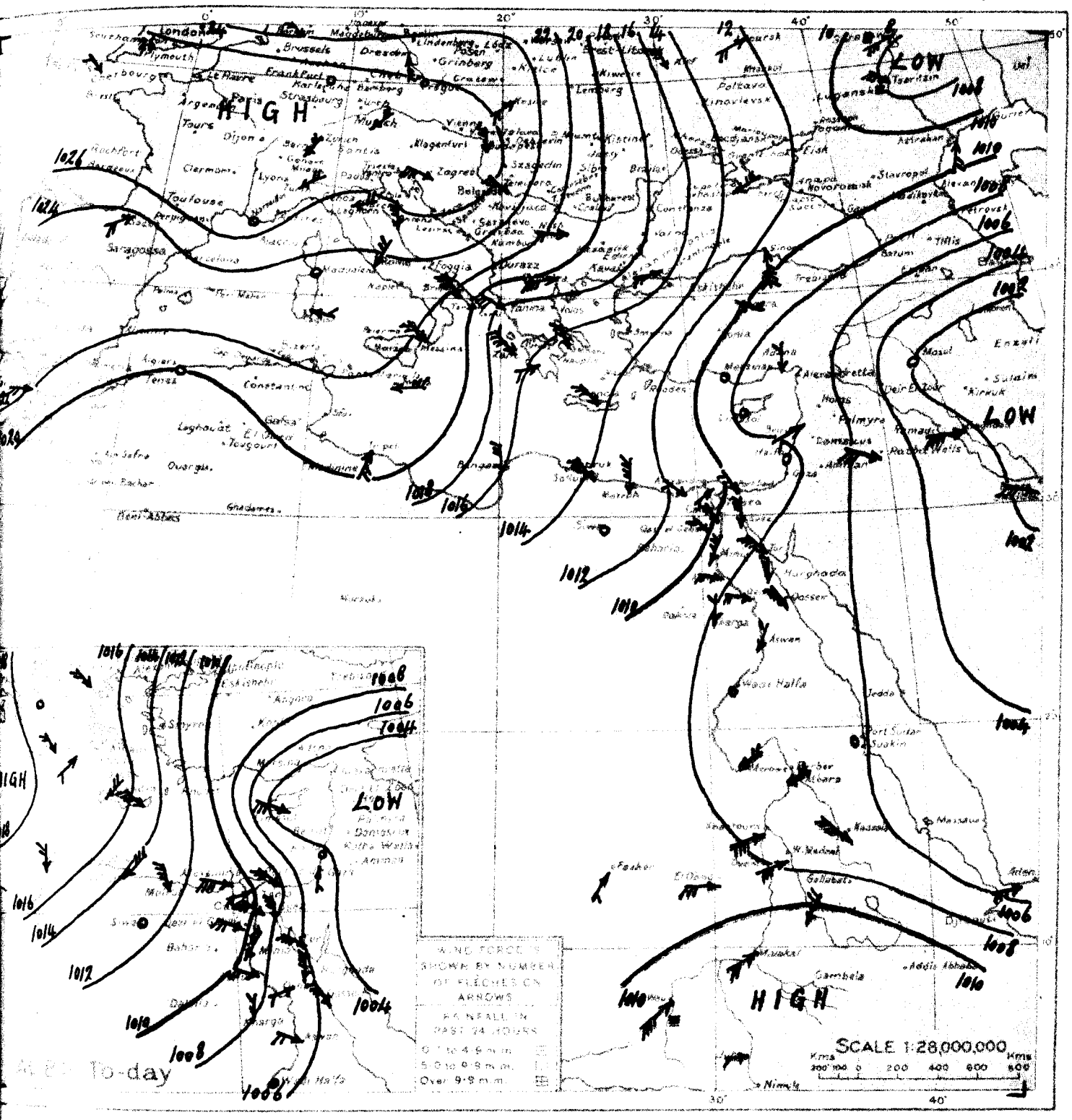
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	27.6	13.54	+0.03	13.62	+0.12
Nasser	28.6	8.31	-0.29	8.25	-0.30
Malakal	28.6	10.74	-0.28	10.71	-0.29
Roseires	29.6	13.33	-0.63	13.22	-0.03
Sennar Res.	28.6	6.33	—	6.45	—
Makwar	28.6	5.91	-1.04	6.06	-0.79
Khartoum	28.6	11.08	-0.27	10.96	-0.35
Kh. el Girba	26.6	10.30	-1.19	10.30	-1.10
Atbara	28.6	10.33	-0.32	10.38	-0.22
Wadi Halfa	29.6	0.92	-0.91	0.87	-0.94
Aswan Res.	29.6	99.20	—	99.68	—
" D.S.	29.6	85.54	-0.66	85.52	-0.66
El Leithi	29.6	16.94	-0.29	16.94	-0.27
Roda (Cairo)	29.6	15.70	+0.15	15.73	+0.18

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢٨-٦-٣١ Barometer and Wind at 8 h. Yesterday 28.6.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٨-٦-٣١ From Observations taken at 8 h. yesterday. 28.6.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
	ROME	1022.2	+3.1	+7.2	NE	2	0	25	-1	—	34	—	21	—	40	—	—	—	699	—
	MALTA	1020.3	+1.0	+3.7	E	3	3	27	-2	—	35	+7	26	+6	80	—	0	338	427	2
	ATHENS	1015.9	-0.3	+2.9	NNW	3	2	25	-6	—	—	—	—	—	30	—	—	—	360	—
	CANDIA	1014.7	-1.7	+1.9	NW	3	1	28	-5	—	36	+8	26	+6	—	—	0	519	459	2
	LIMASSOL	1006.4	-2.2	-2.6	—	0	0	33	-1		38	+7	22	+4	—	—	0	393	463	0
EGYPT and SUDAN	Kharga	1007.9	-0.4	—	N	1	0	32.9	+1.8	—	40	—	27	—	26	—	0	1	—	—
	Atbara	1006.7	-1.2	-0.3	NE	2	0	36.0	+1.0	+3.7	46	+4	29	+3	19	-3	0	0	11	—
	Kassala	1007.0	-1.4	-3.2	NW	4	0	33.0	+0.5	+4.4	42	+5	29	+5	64	+11	0	12	53	—
	Wad Medani	1007.2	+1.2	-2.2	SW	3	2	32.0	-1.0	+3.3	42	+4	25	+2	44	-12	0	16	62	—
	El Fasher	1008.3	+2.8	—	SSW	1	1	26.5	-2.5	-0.3	42	+5	22	0	53	-1	0	29	31	—
	El Obeid	1008.7	+1.6	-2.5	W	3	4	29.4	-2.8	+2.2	40	+4	25	+3	54	-9	0	23	64	—
	Wau	1010.7	+1.9	-0.4	SW	4	2	25.2	-2.0	+0.8	36	+3	22	+2	71	-9	2	342	531	—
	Juba	1011.7	+2.1	—	W	1	3	26.3	-0.2	—	35	—	23	—	74	—	0	586	536	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 57

" " sunset 19 00

From Observations taken at 8 h. to-day.

Tuesday 30th June, 1931 — ١٩٣١ — الثلاثاء ٣٠ يونيه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Since 1st January	Rainfall Same period last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.0	+0.2	+2.5	NNW	2	3	27.8	+1.7	+2.1	33		23		53	-10	0	57	101	3
	MATRUH	1012.6	+0.2	+1.2	NNW	4	2	24.5	+0.2	-0.2	26	-2	23	+3	66	-11	0	179	158	8
	ALEXANDRIA	1010.3	-0.4	-0.5	WNW	4	3	23.3	-0.7	-2.0	27	-2	22	+1	80	+5	0	96	190	3
	PORT SAID	1009.6	+1.0	+0.1	WNW	3	0	25.6	-1.5	-1.1	30	0	21	-1	62	-7	0	62	82	4
	GAZA	—	—	—	W	1	3	25.1	-4.7	-1.5	29	-1	22	+3	67	-4	0	251	376	
	HAIFA	1005.8	+0.8	-1.4	—	0	0	28.9	-0.3	+1.3	31	+1	23	+2	62	-6	0	665	647	1
LOWER EGYPT	TANTA	1010.8	+0.8		NNW	1	2	25.0	-1.3		31		18		60		0	35		
	CAIRO: EZBEKIYA	1010.6	+0.8	+0.5	N	1	2	24.3	-1.8	-1.1	33	-2	19	-1	59	-12	0	17	34	
	CAIRO: GIZA	1010.6	+1.0	-0.3	NNW	2	2	24.5	-1.4	—	35	0	17	-2	57	—	0	21	31	
	CAIRO: HELWAN	1010.2	+1.1	-0.5	NNW	2	2	22.5	-2.7	-2.3	32	-3	18	-2	66	+5	0	19	35	
	SIWA	1014.2	+1.5	+2.8	—	0	0	24.0	-1.2	-2.2	—	—	19	-1	67	+8	0	38	7	
RED SEA	SUEZ	1009.3	+1.8	-0.1	N	2	1	24.0	-2.8	-1.7	34	-2	20	-2	60	-12	0	28	26	2
	TOR	1006.7	+1.2	-0.1	NW	6	0	25.5	-1.5	-1.5	35	+1	24	0	65	-9	0	11	14	6
	HURGHADA	1006.6	+0.2		NNW	5	0	27.4	-3.9		34		25		50		0	0		3
	QOSSEIR	1006.4	+0.5		N	6	0	29.1	-3.2		34		28		53		0	15		5
UPPER EGYPT	GEBALI	1012.3	+1.6	+1.5	NW	3	0	25.0	-2.8	-2.2	35	-2	18	-2	61	+4	0	17		
	MINIA	1011.6	+2.6		NNW	2	0	23.0	-3.5	-3.1	35	-2	17	-4	66	+4				
	ASYUT	1011.8	+3.1	+2.3	NNW	4	0	23.8	-4.2	-3.8	36	-1	20	-3	56	+10	0	7		
	QENA	1008.2	+1.9		NW	4	0	29.2	-3.5	-1.9	45	+4	—	—	20	-19				
	ASWAN	1010.0	+2.0		NNE	2	0	26.0	-6.1		39		23		41		0	1		
	WADI HALFA	1007.1	+1.3	-0.7	N	4	0	30.0	-3.3	-2.0	44	+2	27	+1	30	-1				
SUDAN	ABU HAMAD	1006.7	+0.4	-1.4	NNW	2	[illegible]	30.0	-1.6	-0.2	44	+3	25	+2	28	+7				
	BERBER	1005.6	-0.7	-2.4	NE	1	0	34.0	-1.5	+0.3	46	+3	29	+3	13	-9	0	0	4	
	KHARTOUM	1006.7	+0.1	-0.3	NE	2	0	34.5	-0.5	+1.3	46	+4	29	+3	21	-2	0	0	11	
	KOSTI	1006.2	-2.5	-2.3	SSW	2	0	33.0	+1.4	+2.7	43	+2	27	+1	24	-22	0	5	16	
	PORT SUDAN	1005.1	-0.2	-0.3	W	1	0	37.0	+2.0	+1.4	38	-2	29	+2	19	-19	0	29	109	1
	KASSALA																			
	WAD MEDANI	1005.4	-3.3	-4.1	SW	5	1	33.5	+1.7	+5.0	42	+4	27	+4	39	-19	0	16	65	
	ROSEIRES	1007.0	-3.3	-4.6	NNE	2	3	25.0	+2.0	+0.3	36	+2	21	0	68	-3	4	173	223	
	EL FASHER	1004.8	-1.6		NW	1	0	31.5	+2.5	+4.9	43	+6	25	+3	27	-28	0	29	32	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 9 15

Height (Metres)	Kms an hour	Direction
500	30	NW
1000	65	NNW
1500	40	NW
2000		
3000		

General Situation

حالة الجو

Forecast for 24 hours from noon to-day.

توقع الجو خصوصا في الفترة من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	73	0	21.0	-0.4
Ezbekiya	59	+2	20.7	-1.2
Giza	58	+4	20.8	—
Helwan	55	+12	19.6	+0.9

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150

Remarks

Discharges at Assuan measured by gauges m 3 per sec

DATE	1931	1930
30.6	856	1139
29.6	866	1185

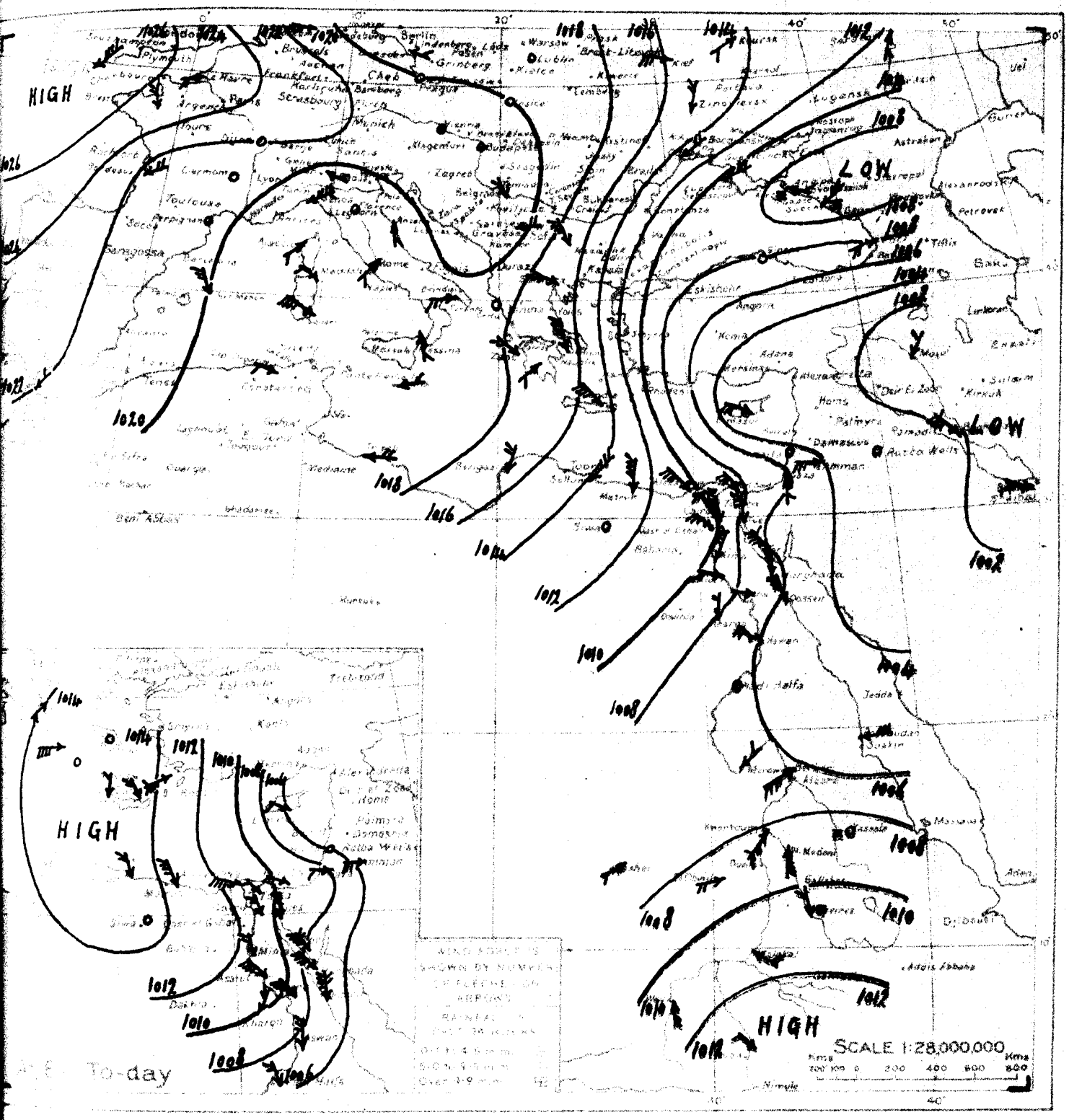
GAUGE	Date 1931	Reading m	Diff. from normal m	Rise m	Diff. from normal m
Juba	29.6	13.49	-0.03	13.50	-0.01
Nasser	29.6	8.37	-0.26	8.31	-0.29
Malakal	29.6	10.77	-0.27	10.74	-0.28
Roseires	30.6	14.48	+0.44	13.33	-0.63
Sennar Res.	29.6	2.32	—	6.33	—
Makwar	29.6	5.89	-1.13	5.91	-1.04
Khartoum	30.6	11.20	-0.25	11.20	-0.20
Kh. el Girba	28.6	10.30	-1.32	10.38	-1.16
Atbara	29.6	10.30	-0.40	10.33	-0.32
Wadi Halfa	29.6	0.92	-0.91	0.87	-0.94
Aswan Res.	30.6	98.70	—	99.20	—
" D.S.	30.6	35.52	-0.70	35.54	-0.66
El Leithi	30.6	16.94	-0.30	16.94	-0.29
Roda (Cairo)	30.6	15.70	+0.15	15.70	+0.15

PRINTED AT THE SURVEY OF EGYPT (1929/29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٦-٣٩ Barometer and Wind at 8 h. Yesterday 29.6.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٦-٣٩ From Observations taken at 8 h. yesterday. 29.6.31.

STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change in last 24 hours	BAROMETER: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in last 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: 24 hours Maximum	TEMPERATURE: Diff. from normal	TEMPERATURE: 24 hours Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1st to yesterday	RAINFALL: Normal from Oct. 1st to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1018.8	-3.4	+3.8	SW	1	0	30	+5	—	33	—	21	—	40	—	—	—	700	—
MALTA	1019.4	-0.9	+2.8	E	1	2	28	+1	—	29	+1	24	+4	70	—	0	336	427	1
ATHENS	1016.6	+0.7	+3.6	NNW	4	2	23	-2	—	—	—	—	—	40	—	—	—	361	—
CANDIA	1015.4	+0.7	+2.7	NW	4	1	24	-4	—	30	+2	21	0	—	—	0	519	459	6
DIMASSOL	1002.7	-3.7	-6.4	WNW	3	0	27	-6		36	+4	21	+3	—	—	0	393	464	4
Merowe	1006.3	-0.3	-1.7	NE	1	0	35.5	-0.5	+1.8	47	+4	29	+3	14	-7	0	0	4	—
El Fasher	1006.4	-1.9	—	WSW	1	0	29.0	+2.5	+2.3	42	+3	23	+1	43	-11	0	29	32	—
El Obeid	1009.1	+0.4	-2.0	W	2	1	31.2	+1.8	+4.1	37	+1	22	0	45	-19	0	23	65	—
Malakal	1011.2	-0.2	-1.1	SE	1	2	28.7	+2.8	+3.7	35	+3	24	+3	64	-16	0	214	348	—
Wau	1011.1	+0.4	0.0	S	2	1	24.8	+0.4	+1.6	34	+1	24	+4	75	-4	0	342	537	—
Juba	1013.1	+2.0	—	NW	1	2	35.5	-0.5	—	39	—	21	—	13	—	0	382	341	—

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of JUNE 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.		STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value			Column	Correct value
Qosseir	2	Wind direction	N	El Obeid ...	16	8 h. temp.	32·0
Kassala... ...	3	Maximum	—	,,		Minimum	20
Matruh... ...	4	State of sky	0	Wadi Halfa ...	17	8 h. temp.	29·6
Tanta		Minimum	19	,,		Humidity	20
Qosseir		8 h. temp.	29·8	Roseires ...		Wind force	1
,,		Humidity	·48	El Obeid ...		Wind force	2
Merowe... ...		State of sky	4	Siwa	18	Humidity	55
Wad Medani...		Rainfall	Drops	Kassala... ...		Wind direction	WSW
Sollum	5	Barometer	1009·1	Wau	19	Rainfall	6
Haifa		8 h. temp.	27·8	Tor	20	State of sky	0
,,		Humidity	77	Sollum		Minimum	21
Tor		8 h. temp.	26·2	Kassala... ...		Wind direction	WSW
,,		Humidity	72	Sollum	21	Humidity	41
Siwa	6	Humidity	67	Sollum	24	Barometer	1012·2
Port Sudan ...		Wind force	2	Minya		8 h temp.	27·8
Merowe... ...	7	State of sky	1	,,		Humidity	51
Port Sudan ...		Wind force	7	Juba		State of sky	2
Kassala... ...		Minimum	—	Haifa	25	Barometer	1009·9
El Obeid ...		Maximum	—	Suez		Barometer	1011·4
Juba		Wind direction	SSW	Qosseir		Humidity	51
Port Said ...	8	Rainfall	Drops	Qasr el Gebali.		Wind direction	NW
Haifa		8 h. temp.	26·5	Kharga		Wind direction	NNE
,,		Humidity	68	Kassala... ...		Barometer	1006·6
Roseires ...		Wind direction	—	,,		Wind direction	SW
,,		Wind force	0	Sollum	26	Barometer	1014·6
Port Said ...	9	Barometer	1011·4	Kharga	27	Barometer	1011·0
Roseires ...	10	Wind direction	NNE	Kassala... ...		,,	1006·3
,,	11	Rainfall	20	Aswân	28	Wind direction	NE
Qosseir	12	8 h. temp.	29·4	Wad Medani...		Rainfall	Drops
,,		Humidity	53	Kassala... ...	29	Barometer	1008·3
El Obeid ...	16	Wind direction	WSW	Malakal... ...		Rainfall	Drops
,,		Wind force	1				

REMARKS:— Halve cloud observation at WADI HALFA and KASSALA for the whole month.

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR JUNE, 1931.

The Weather.

Apart from the intense heat wave which was experienced in Egypt on the 4th and 5th, the weather was generally of a settled character.

The month opened with cool fine weather. On the 3rd a fairly deep depression appeared off Benghazi, and instead of traversing Egypt as usual it took a north-easterly course towards the Aegean Sea; where it was centred on the next day. The pressure gradient over western Egypt became rather steep and dust storms sprang up on the coast during the day.

The weather was generally hot and dry; the thermometer rose to 40°C at Alexandria i.e., 14°C above normal.

On the 5th, the depression moved eastwards to Asia Minor, but the heat wave still persisted and advanced further south to the Sudan. The maximum temperature recorded in Cairo was 42°C, and at Giza and Helwan 43°C, both being 9°C above normal. This was the hottest day since the beginning of the year. The weather was very damp and oppressive, meanwhile a well defined cold front was advancing rapidly over the western frontier. It reached Cairo in the evening and the temperature dropped suddenly at the rate of 12°C in 2 hours.

By the following day when the depression was over northern Iraq, fresh westerly winds prevailed over northern Egypt and cool pleasant weather was enjoyed for some days.

The general summer distribution of pressure set in and the weather except on two warm days, namely the 27th and 28th was practically normal.

The mean atmospheric pressure for the month as a whole was above normal everywhere except Central Sudan. The temperature was also above the average in all districts except Upper Egypt. The weather was much humid than usual, the mean-of-day relative humidity at Alexandria was 10 % above normal. The Sudan rainfall was deficient.

TABLE SHOWING THE DEPARTURE FROM NORMAL FOR JUNE 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX.+MIN./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1012·4	+0·6	29·2	+0·6	21·4	+0·6	25·3	+0·6	0	0
II. Middle Egypt	1012·2	+0·2	34·3	−0·5	19·6	+0·7	27·0	+0·1	0	0
III. Upper Egypt	1010·2	+0·7	39·5	—0·5	23·3	+0·1	31·4	—0·2	0	0
IV. North Sudan	1008·6	+0·5	43·0	+1·3	26·9	+1·1	35·0	+1·2	2	— 8
V. Red Sea*	1008·0	+1·6	39·1	+0·4	26·2	+0·8	32·6	+0·6	0	0
VI. Central Sudan	1009·0	—0·5	39·1	+1·5	23·8	+1·1	31·4	+1·3	40	—14
VII. South Sudan	1012·0	+0·7	33·9	+0·8	22·4	+1·3	28·2	+1·0	116	—31

* Port Sudan only.

NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

RAINFALL DATA FOR JUNE 1931.

STATION.	1931	Diff. from Normal.	STATION.	1931	Diff. from Normal.
	m/m.	m/m.		m/m.	m/m.
Juba	142	+ 3	Adis Abâba	64	— 72
Wau	146	— 20	Roseires	126	— 3
Malakâl	59	— 76	Wâd Medani	5	— 32
El Obeid	*[5	— 29]	Atbara	0	— 2
El Fasher	25	+ 6	Kassala	7	— 23
Khartoum	2	— 6	Port Sudan	0	0

* For 29 days only.

MAHMÙD MAMED MOHAMMED,
A/ Director, Meteorological Service.

State of the River.

Lake Albert at Butiaba fell 5 cms. during the month. Its level on July 1, 1931 was 42 cms. above normal and 38 cms. above that of the corresponding day of last year.

The Bahr el Jebel at Juba fluctuated above both the normal and last year's levels throughout the month.

The River Sobat at Nasser rose rapidly for the first few days of the month and then remained practically steady until the 14th afterwards it rose rapidly until the end of the month. The levels were below normal throughout and below last year's until the last few days of the month.

On the average the White Nile at Malakal rose a little faster than normally throughout the month.

The Blue Nile at Roseires rose rapidly, on the early days of the month, to a peak on the 13th 177 cms. above normal. Thereafter it fell and fluctuated about normal to the end of the month. At Khartoum the Blue Nile which was practically steady for the first 10 days of the month rose rapidly to a peak on the 19th then fell until the 26th and rose again until the end of the month.

The River Atbara at Khashm el Girba was much below normal until the 10th then rose rapidly to a peak on the 14th 75 cms. above normal and then fell steadily for the rest of the month.

The Main Nile at Wadi Halfa showed a very slight rise during the month the levels remaining much below both the normal and those of last year.

The differences of the mean levels in June 1931 from those of June 1930 and from the normal 1906–30 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	June 1931 Minus June 1930.	June 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·34	+ 0·17
Nasser	— 0·55	— 0·85*
Malakâl	— 0·26	— 0·38
Roseires	— 0·19	— 0·04
Khartoum	— 0·56	— 0·42
Khashm el Girba	[— 0·67	— 0·47]†
Wadi Halfa	— 0·68	— 0·72

* Nasser Normal is for 1922–30 only.

† For 24 days only.

Discharges of the Nile during May, 1931.

Observed by the Irrigation Department.

Aswân

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	85·06	640
2	85·08	639
3	85·07	641
4	85·07	639
5	85·06	641
6	85·06	642
7	85·07	641
8	85·06	637
9	85·06	638
10	85·06	637
11	85·11	657
12	85·10	656
13	85·12	659
14	85·11	658
15	85·11	659
16	85·11	659
17	85·11	658
18	85·11	659
19	85·10	657
20	85·10	658
21	85·18	695
22	85·16	695
23	85·18	695
24	85·18	697
25	85·19	695
26	85·18	694
27	85·18	695
28	85·18	696
29	85·19	696
30	85·18	697
31	85·19	696
Approx. Monthly Mean		665
Normal Mean 1912-1930		794

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	0·82	459
3	0·84	485
4	0·86	504
5	0·92	523
6	0·96	506
7	0·97	516
11	0·94	512
12	0·93	516
16	0·96	513
17	0·94	513
18	0·90	499
19	0·88	491
20	0·88	503
21	0·88	511
23	0·86	487
24	0·84	489
25	0·82	470
26	0·80	482
27	0·80	463
Approx. Monthly Mean		494
Normal Mean 1912-1930		585

Kangarty (Main Nile).

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
9	1·79	530
10	1·76	505
11	1·75	511
12	1·76	516
16	1·78	508
17	1·73	514
18	1·67	503
19	1·66	479
20	1·68	500
21	1·66	459
21	1·66	471
22	1·63	483
23	1·60	485
24	1·56	472
25	1·52	468
27	1·50	466
28	1·52	432
28	1·52	444
29	1·52	452
30	1·51	460
Approx. Monthly Mean		—

Hassanab (Main Nile).

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
1	10·48	573
3	10·47	586
7	10·35	506
12	10·32	506
19	10·23	450
23	10.25	462
27	10.28	485
Approx. Monthly Mean		497
Normal Mean 1912-1930		648

Tamaniât (Main Nile).

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
4	9·85	513
10	9·80	484
14	9·81	501
20	9·73	472
25	9·79	483
30	9·84	533
Approx. Monthly Mean		498
Normal Mean 1912-1930		761

Khartoum (Blue Nile).

Day of Month.	Gauge Reading m.	Disch. m³. p.s.
2	9·89	120
7	9·80	81
12	9·80	67
17	9·64	60
23	9·74	80
27	9·78	84
Approx. Monthly Mean		81
Normal Mean 1912-1930		197

Hillet Sherif (Blue Nile).*

(Sennar Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9·62	79
4	9·59	74
6	9·57	72
9	9·54	70
12	9·50	65
14	9·50	65
16	9·65	85
18	9·81	111
20	9·72	99
23	9·68	88
25	9·67	86
27	9·72	99
30	9·75	105
Approx. Monthly Mean		85
Normal Mean 1912-1930		246

Roseires (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	10·98	63
3	10·95	60
5	10·95	60
7	10·89	54
9	10·92	57
11	11·07	75
13	11·48	133
15	11·20	91
17	11·14	83
19	11·18	89
21	11·11	79
23	11·37	118
25	11·34	112
27	11·24	99
29	11·17	89
31	11·26	103
Approx. Monthly Mean		85
Normal Mean 1912-1930		282

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	10·10	405
9	10·05	430
13	10·08	450
19	9·96	424
24	10·04	407
28	10·07	420
Approx. Monthly Mean		425
Normal Mean 1912-1930		554

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9.68	468
5	9·66	466
11	9·64	451
15	9·73	463
21	9·83	493
25	9·84	496
31	9.94	518
Approx. Monthly Mean		478
Normal Mean 1912-1930		589

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	10·70	29
9	10·70	29
15	10·82	72
20	10·89	73
25	10·91	83
29	10·95	100
Approx. Monthly Mean		64
Normal Mean 1912-1930		173

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
April 20	4·84	52
21	4·87	56
22	4·90	60
23	4·92	59
24	4·93	55
25	4·90	56
26	4·88	54
Approx. Monthly Mean		50
May. 1	4·73	40
2	4·72	44
3	4·72	42
4	4·70	39
5	4·68	39
6	4·70	53
7	4·87	66
8	5·02	66
9	5·04	68
11	5·10	72
12	5·12	72
13	5·15	76
14	5·12	80
15	5·20	90
18	5·36	96
20	5·33	99
21	5·36	94
23	5·30	93
25	5·40	110
27	5·66	132
28	5·75	142
30	5·88	157
Approx. Monthly Mean		90

River Baro.

(600 mts. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Apr. 20	4·55	36
21	4·58	38
22	4·62	40
23	4·63	41
24	4·61	38
25	4·59	34
26	4·55	35
Approx. Monthly Mean		34

* Kangarty is 50 kilometres U.S. Halfa.

Discharges of the Nile during May, 1931 (*continued*).

Observed by the Irrigation Department.

River Baro (*contd*).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
May 1	4·38	22
2	4·38	23
3	4·36	22
4	4·34	22
5	4·34	20
6	4·45	37
7	4·68	47
8	4·72	47
9	4·73	44
11	4·82	53
12	4·81	51
13	4·82	50
14	4·87	56
15	5·00	69
18	5·05	63
20	5·05	66
21	5·03	59
23	5·09	54
25	5·19	79
27	5·44	103
28	5·54	117
30	5·63	122
Approx. Monthly Mean		63

River Pibor

(600 mts U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Apr. 20	4·55	23
21	4·58	22
22	4·62	25
23	4·63	25
24	4·61	25
25	4·59	23
26	4·55	27
Approx. Monthly Mean		19
May 1	4·38	18
2	4·38	20
3	4·36	21
4	4·34	20
5	4·34	18
6	4·46	19
7	4·69	20
8	4·72	24
9	4·73	26
11	4·82	23
12	4·84	24
13	4·82	24
14	4·87	25
15	5·00	32
18	5·05	36
20	5·05	36
21	5·03	39
23	5·01	40
25	5·19	38
27	5·44	39
28	5·54	39
30	5·63	38
Approx. Monthly Mean		30

Akobo (River Pibor)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	9·92	1
8	10·02	1
17	10·40	1
29	10·95	2
Approx. Monthly Mean		1

Bahr el Zerâf (Kilo. 3)

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	11·13	110
19	11·17	110
28	11·19	109
Approx. Monthly Mean		110
Normal Mean 1912-1930		125

(D.S. Tail Cut No 2)

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·30	116
6	26·30	121
10	26·30	123
13	26·30	123
17	26·30	121
20	26·31	127
24	26·31	123
31	26·31	132
Approx. Monthly Mean		123
Normal Mean 1927-1930		125

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	27·88	13
5	27·88	15
9	27·88	16
12	27·88	16
16	27·88	16
19	27·90	13
23	27·89	15
30	27·90	15
Approx. Monthly Mean		15
Normal Mean 1927-1930		20

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	11·49	312
19	11·52	306
28	11·54	301
Approx. Monthly Mean		308
Normal Mean 1923-1930		287

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·38	319
18	13·37	321
27	13·38	321
Approx. Monthly Mean		320
Normal Mean 1923-1930		294

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·38	11
18	13·37	9
27	13·38	7
Approx. Monthly Mean		9
Normal Mean 1923-1930		10

Bahr el Jebel (Kilo. 3)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·38	304
18	13·37	311
27	13·38	315
Approx. Monthly Mean		309
Normal Mean 1923-1930		287

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·40	342
4	26·40	340
7	26·40	339
11	26·40	341
14	26·40	349
18	26·41	354
21	26·42	366
25	26·42	343
Approx. Monthly Mean		349
Normal Mean 1927-1930		334

(D.S. Head of Zerâf Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·40	239
4	26·40	239
7	26·40	237
11	26·40	240
14	26·40	243
18	26·41	244
21	26·42	253
25	26·42	251
Approx. Monthly Mean		245
Normal Mean 1927-1930		225

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·30	24
6	26·30	25
10	26·30	24
13	26·30	25
17	26·30	26
20	26·31	24
24	26·31	24
31	26·31	24
Approx. Monthly Mean		24
Normal Mean 1927-1930		30

Jebel-Zerâf Cuts. (*contd.*)

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	27·88	91
5	27·88	92
9	27·88	92
12	27·88	94
16	27·88	90
19	27·90	95
23	27·89	93
30	27·90	94
Approx. Monthly Mean		93
Normal Mean 1927-1930		83

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·40	25
6	26·40	25
10	26·40	26
13	26·40	26
17	26·41	27
20	26·42	25
24	26·42	25
31	26·42	24
Approx. Monthly Mean		25
Normal Mean 1927-1930		31

(Head Cut No 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·67	92
5	11·67	94
9	11·67	92
12	11·67	93
16	11·67	92
19	11·70	97
23	11·69	96
30	11·70	94
Approx. Monthly Mean		94
Normal Mean 1927-1930		81

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·67	351
5	11·67	360
9	11·67	355
12	11·67	360
16	11·67	359
19	11·70	367
23	11·69	367
30	11·70	368
Approx. Monthly Mean		362
Normal Mean 1927-1930		345

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	11·58	756
11	12·38	1030
13	12·19	952
14	12·10	917
15	11·88	875
16	11·91	836
18	11·66	810
19	11·71	779
25	11·86	828
26	11·97	894
27	12·19	948
28	12·10	914
29	12·02	879
30	12·05	884
Approx. Monthly Mean		860
Normal Mean 1912-1930		860

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³/p.s.
			M.		
		River Sobât and Tributaries.			
19/5/31	Pibor	D.S. Makwai Junction...	5·55	Makwai	35
26/5/31	,,	,, ,, ,, ...	5·78	,,	40
19/5/31	Khor Makwai	Mouth	5·50	,,	4
26/5/31	,,	,, ...	5·78	,,	5
19/5/31	Pibor	U.S. Makwai Junction	5·55	,,	37
26/5/31	,,	,, ,, ,, ...	5·78	,,	39
16/5/31	,,	D.S. Gila Junction...	5·84	Gila.	33
22/5/31	,,	,, ,, ,, ...	6·26	,,	46
29/5/31	,,	,, ,, ,, ...	6·41	,,	42
16/5/31	Gila	Mouth	5·84	,,	38
22/5/31	,,	,, ...	6·26	,,	46
29/5/31	,,	,, ...	6·41	,,	49
16/5/31	Pibor	U.S. Gila Junction	5·84	,,	— 7
22/5/31	,,	,, ,, ,, ...	6·26	,,	— 9
29/5/31	,,	,, ,, ,, ...	6·41	,,	— 9
		Bahr el Jebel and Tributaries.			
6/5/31	Bahr el Jebel	Gemeiza	428·60	Gemeiza	574
21/5/31	,,	,, ...	428·84	,,	608
7/5/31	,,	Giggin	428·83	Giggin	196
22/5/31	,,	,, ...	428·99	,,	212
5/5/31	,,	1 Km. U.S. Terrikaka...	13·03	Terrikaka	744
20/5/31	,,	,, ,, ,, ...	13·24	,,	810

P. Phillips,
Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 04 58

" " sunset 19 00

From Observations taken at 8h. to-day.

Wednesday 1st July, 1931 ١٩٣١ الاربعاء اول يوليه

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h. °C	Change in past 24 hours °C	Diff. from normal °C	Maximum Yesterday °C	Diff. from normal °C	Minimum °C	Diff. from normal °C	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours mm	Total From Oct. 1 to yesterday mm	Normal Oct. 1 to yesterday mm	SEA
MEDITERRANEAN	SOLLUM	1074.3	+0.3	+3.0	WNW	2	0	23.4	-4.4	-2.3	29		19		96	+33	0	57	101	3
	MATRUH	1013.6	+1.0	+2.2	NNW	1	0	24.6	+0.1	-0.1	27	-1	19	-1	73	-4	0	179	158	2
	ALEXANDRIA	1012.3	+2.0	+1.6	WNW	2	1	24.3	+1.0	-1.0	27	-3	22	0	79	+4	0	96	190	3
	PORT SAID	1011.5	+1.9	+2.1	NW	2	2	26.4	+0.8	-0.4	30	0	22	0	66	-3	0	62	82	3
	GAZA	—	—	—	—	0	2	26.6	+1.5	-0.1	28	-2	19	0	70	-1	0	251	376	
	HAIFA	1008.0	+2.2	+1.0	—	0	0	29.6	+0.7	+1.9	31	+1	23	+2	64	-5	0	665	647	1
LOWER EGYPT	TANTA	1012.3	+1.5		W	1	2	25.4	+0.4		31		18		63		0	35		
	CAIRO EZBEKIYA	1011.9	+1.3	+1.9	N	1	3	23.7	-0.6	-1.7	32	-3	20	-1	67	-4	0	17	34	
	GIZA	1012.2	+1.6	+1.3	N	2	3	24.4	-0.1	—	32	-3	19	0	66	—	0	21	31	
	HELWAN	1011.5	+1.3	+0.9	NNW	3	1	22.3	-0.2	-2.4	30	-5	20	0	69	+8	0	19	35	
	SIWA	1013.4	-0.8	+2.0	—	0	0	25.5	+1.5	-0.7	—	—	20	0	72	+12	0	38	7	
RED SEA	SUEZ	1010.6	+1.3	+1.3	N	3	2	23.8	-0.2	-1.9	33	-3	21	-1	67	-6	0	28	26	2
	TOR	1008.3	+1.6	+1.5	NW	5	0	26.0	+0.5	-1.1	31	-3	24	0	76	+2	0	11	14	5
	HURGHADA	1008.6	+2.0		NNW	6	0	27.0	-0.4		32		24		63		0	0		4
	QOSSEIR	1008.3	+1.9		N	6	0	28.2	-0.9		33		27		62		0	15		5
UPPER EGYPT	GEBALI	1011.9	-0.4	+1.2	NW	1	0	25.6	+0.6	-1.6	33	-4	20	0	57	0	0	17		
	MINYA	1012.6	+1.0		NNE	3	0	23.5	+0.5	-2.6	33	-4	18	-3	67	+5				
	ASYUT	1012.4	+0.6	+3.0	NNW	3	0	23.7	-0.1	-3.9	32	-5	20	-3	61	+15	0	7		
	QENA	1009.5	+1.3		W	2	0	28.6	-0.6	-2.5	40	-1	23	-1	45	+6				
	KHARGA	1011.1	+1.1		NE	1	0	25.8	-0.2		34		22		49		0	1		
	ASWAN	1009.0	+1.9	+1.3	N	3	0	27.4	-2.6	-4.7	39	-3	24	-2	33	+2				
SUDAN	WADI HALFA	1009.0	+2.3	+0.9	N	4	0	28.4	-1.6	-1.9	40	-1	24	+1	31	+10				
	MEROWE																			
	ATBARA																			
	KHARTOUM	1008.2	+2.0	-0.4	SW	3	3	30.3	-2.7	+0.1	44	+3	27	+1	43	-4	drops	5	16	
	PORT SUDAN	1007.6	+2.5	+2.2	N	3	0	34.9	-2.1	-0.7	38	-2	28	+1	43	+5	0	29	109	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.0	+2.0	-2.6	NNE	1	3	24.5	-0.5	-0.1	34	+1	22	+1	80	+8	20	193	227	
	EL FASHER	1007.0	+2.2	—	S	1	0	27.5	-4.0	+1.0	42	+5	24	+2	57	+1	0	29	33	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA			—					—	—		—	—							

Upper Wind Observations at Helwan at 8 15

Height (metres)	Knots per hour	Direction
500	15	N
1000	25	NNW
1500	20	NNW
2000		
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to day. ... الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday °C	Wet Bulb Temperature Mean of Day: Diff. from normal °C
Alexandria	76	+3	21.5	+0.1
Ezbekiya	57	0	19.8	-2.2
Giza	54	0	19.4	—
Helwan	53	+10	18.7	0.0

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

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

DATE	1931	1930
30.6	856	1139
29.6	866	1185

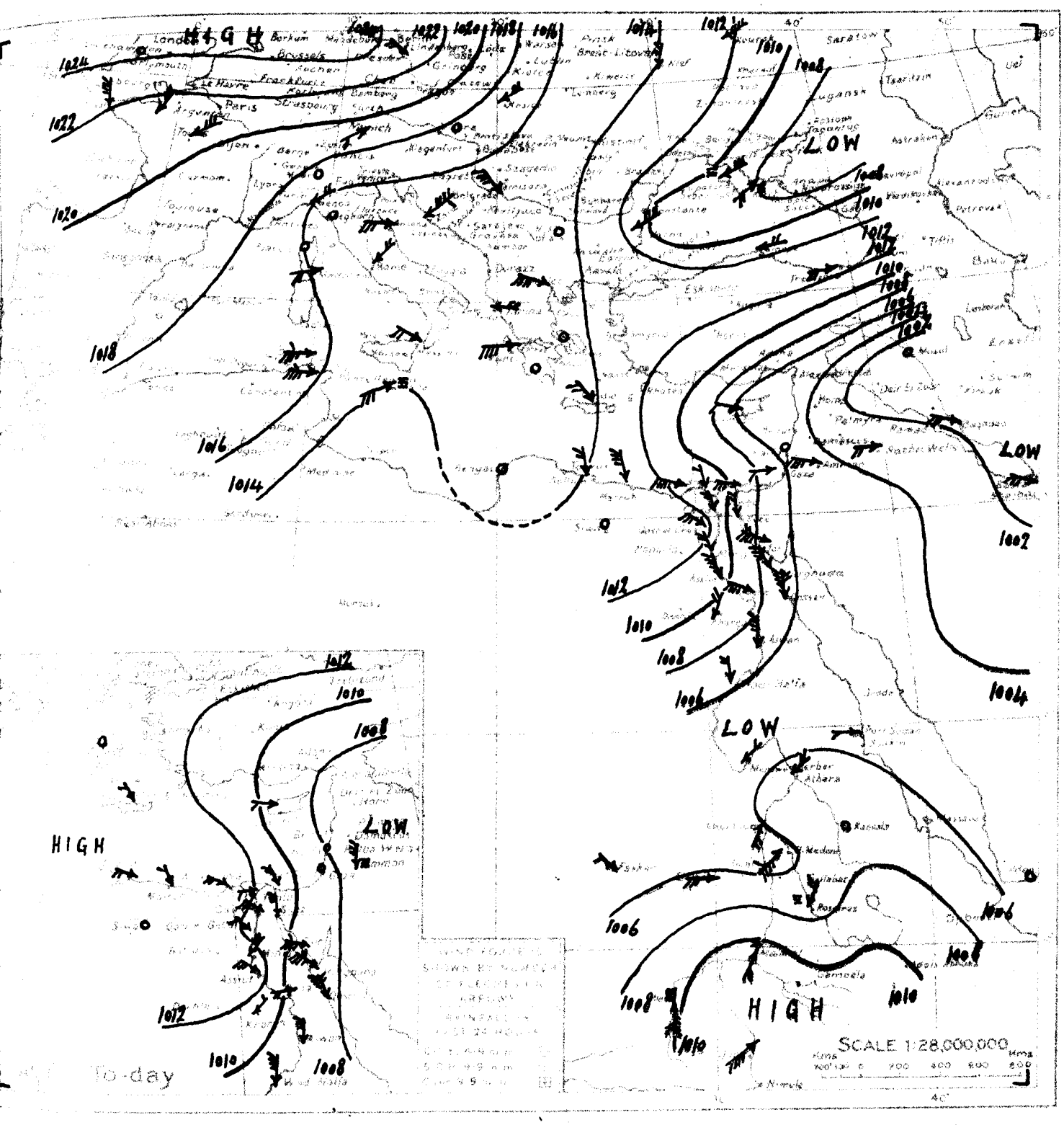
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	30.6	13.50	-0.03	13.49	-0.03
Nasser	30.6	8.43	-0.23	8.37	-0.26
Malakal	30.6	10.82	-0.24	10.74	-0.27
Roseires	1.7	14.00	-0.09	14.48	+0.44
Sennar Res.	30.6	6.31	—	6.32	—
Makwar	30.6	5.89	-1.21	5.89	-1.13
Khartoum	1.7	11.22	-0.28	11.26	-0.25
Kh. el Girba	29.6	10.30	-1.38	10.30	-1.32
Atbara	30.6	10.33	-0.41	10.30	-0.40
Wadi Halfa	30.6	0.96	-0.90	0.92	-0.91
Aswan Res.	30.6	98.40	—	99.20	—
" D.S.	30.6	85.57	-0.70	85.54	-0.66
El Leithi	1.7	16.94	-0.31	16.94	-0.30
Roda (Cairo)	1.7	15.68	+0.12	15.70	+0.15

PRINTED AT THE SURVEY OF EGYPT 1929(29/5590/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٣١-٦-٣٠ Barometer and Wind at 8 h. Yesterday 30.6.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0- 1	0
Almost calm	2- 6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-63	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
Cloudy	1
Cloudy	2
Cloudy	3
Frequent cloudy	4
Rain	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١-٦-٣٠ From Observations taken at 8 h. yesterday. 30.6.31.

Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1013.5	-5.3	-1.5	NE	2	0	25	-5	—	34	—	21	—	50	—	—	—	702	—
MALTA	1014.0	-5.4	-2.6	WSW	3	2	27	-1	—	30	+2	24	+4	70	—	drops	338	427	1
ATHENS	1014.4	-2.2	+1.4	—	0	0	24	+1	—	—	—	20	-1	50	—	—	—	362	—
CANDIA	1014.0	-1.4	+1.3	NW	2	1	25	+1	—	27	-1	22	+1	—	—	0	519	459	4
LIMASSOL	1004.6	+1.9	-4.1	WNW	1	0	26	-1		31	-1	16	-2	—	—	0	393	464	2
Kassala كسلا	1006.2	-2.8	-4.1	—	0	0	32.0	+3.0	+3.6	39	+2	26	+2	66	+11	0	13	55	—
El Obeid الأبيض	1006.8	-2.3	-4.3	W	3	0	31.5	+0.3	+4.5	40	+4	25	+3	54	-10	0	23	66	—
Malakal الملك	1010.2	-1.0	-2.1	SSW	2	2	27.5	-1.2	+2.6	38	+6	24	+3	74	-6	4	218	353	—
Wau واو	1009.8	-1.3	-1.3	S	6	0	25.1	-0.9	+0.8	35	+2	22	+2	68	-12	29	371	542	—
Juba جوبا	1011.9	-1.2	—	SW	4	1	25.0	-0.5	—	34	—	21	—	80	—	0	586	546	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 58

" sunset 19 00

From Observations taken at 8h. to-day.

Thursday 2nd July, 1931 ١٩٣١ الخميس ٢ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.8	−2.5	+0.5	SE	3	0	26.1	+2.7	+0.3	31		21		67	+4	0	57	101	4
	MATRUH	1011.6	−2.0	+0.3	WSW	2	0	25.6	+1.0	+0.8	27	−1	19	−1	91	+14	0	179	158	1
	ALEXANDRIA	1011.0	−1.3	+0.4	—	0	0	24.8	+0.5	−0.6	28	−2	20	−2	79	+4	0	96	190	1
	PORT SAID	1009.4	−2.1	+0.1	WNW	2	2	26.6	+0.2	−0.2	30	0	21	−1	73	+4	0	62	82	1
	GAZA	—	—	—	—	0	0	26.1	−0.5	−0.6	29	−1	19	0	67	−4	0	251	376	
	HAIFA	1008.3	+0.3	+1.4	—	0	0	30.8	+1.2	+3.0	32	+2	24	+3	65	−4	0	665	647	1
LOWER EGYPT	TANTA	1011.8	−0.5		W	1	0	25.5	+0.1		32		18		71		0	35		
	EZBEKIYA	1011.0	−0.9	+1.1	NW	1	1	24.8	+1.1	−0.6	33	−2	21	0	69	−2	0	17	34	
	GIZA	1010.8	−1.4	0.0	N	1	1	23.8	−0.6	—	32	−3	18	−1	77	—	0	21	31	
	HELWAN	1009.9	−1.6	−0.6	NNE	1	0	23.8	+1.5	−0.9	31	−4	19	−2	66	+4	0	19	35	
	SIWA	1011.1	−2.3	−0.3	—	0	0	27.0	+1.5	+0.8	—	—	21	+1	43	−17	0	38	7	
RED SEA	SUEZ	1009.8	−0.8	+0.6	N	2	2	25.0	+1.2	−0.8	32	−4	21	−1	72	−1	0	28	26	1
	TOR	1007.6	−0.7	+0.9	NW	5	0	26.0	0.0	−1.1	31	−3	24	0	76	+2	0	11	14	5
	HURGHADA	1008.0	−0.6		N	5	0	27.0	0.0		32		23		57		0	0		3
	QOSSEIR	1007.4	−0.9		N	6	0	28.9	+0.7		31		25		50		0	15		6
UPPER EGYPT	GEBAIL	1012.2	+0.3	+1.6	N	1	0	25.0	−0.6	−2.2	34	−3	19	−1	73	+16	0	17		
	MINYA	1011.4	−1.2		NNE	2	0	24.5	+1.0	−1.7	33	−4	19	−2	69	+7				
	ASSIUT	1011.1	−1.3	+1.8	WNW	2	0	24.8	+1.1	−2.8	32	−5	22	−1	58	+12	0	7		
	QENA	1008.7	−0.8		W	4	0	28.9	+0.3	−2.2	41	0	24	0	43	+3				
	LUXOR	1010.6	−0.5		NNW	2	0	27.2	+1.4		35?		22		48		0	1		
	ASWAN	1008.4	−0.6	+0.7	NNE	2	0	29.2	+1.8	−2.9	40	−2	24	−2	32	+1				
NUBIA	WADI HALFA	1008.2	−0.8	+0.1	N	4	0	28.8	+0.4	−1.5	39	−2	22	−1	29	+7				
	SOUAKIN	1009.0	+1.4	+1.0	NE	1	0	32.5	−0.5	−1.0	44	+1	26	0	14	−8	0	0	4	
SUDAN	SINNAR																			
	KHARTOUM	1009.3	+1.1	+0.7	—	0	2	30.5	+0.2	+0.4	42	+1	28	+2	33	−14	0	5	18	
	PORT SUDAN	1007.6	0.0	+2.3	SE	1	3	34.6	−0.3	−1.1	37	−3	30	+3	41	+3	0	29	109	1
	TOKAR	1009.0	+1.5	−1.4	—	0	[illegible]	29.0	−3.0	+0.8	38	+1	24	0	74	+18	0	13	59	
EQUATORIAL PROVINCE	KASSALA	1009.3	+0.3	−2.4	NNE	1	3	26.5	+2.0	+1.9	34	+1	24	+3	73	+1	0	193	233	
	KODOK																			
	FASHODA																			
	KAFIA																			
	JUBA																			

Upper Air Observations at 8 30

Height	Speed per sec	Direction
500	15	NNE
1000	40	N
1500	55	N
2000	35	N
3000		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	80	+7	22.0	+0.5
Ezbekiya	55	−2	20.5	−1.5
Giza	53	−2	20.1	—
Helwan	51	+7	19.1	+0.3

NOTE. A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
2.7	921	1201
1.7	926	1115

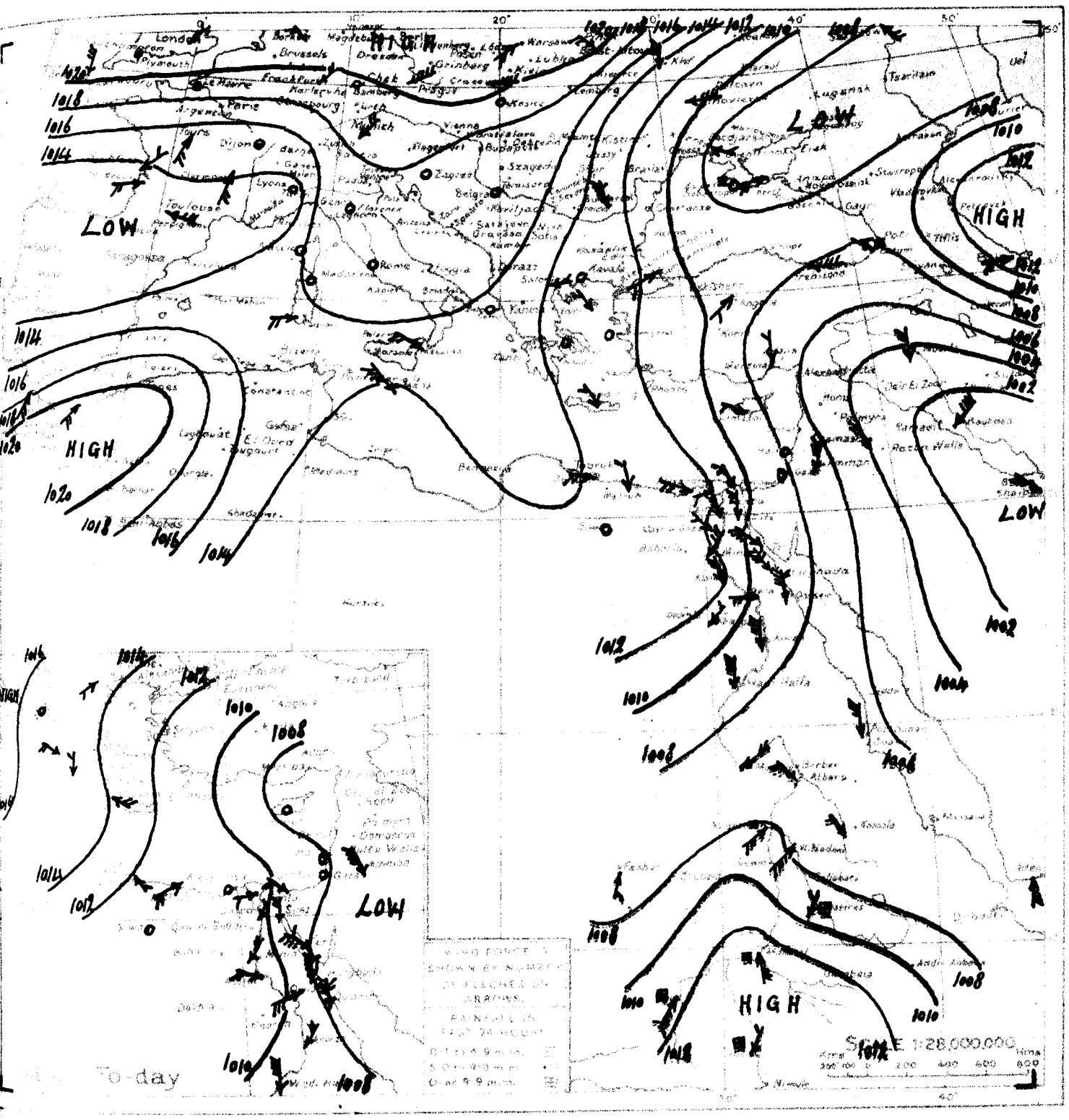
GAUGE	Gauge 1931	Reading m.	Diff from normal m.	Previous Reading m.	Diff m.
Juba	1.7	13.48	−0.05	13.50	−0.03
Nasser	1.7	8.49	−0.21	8.43	−0.23
Malakal	1.7	10.82	−0.22	10.82	−0.24
Roseires	2.7	14.16	+0.01	14.00	−0.09
Sennar Res.	1.7	6.30	—	6.31	—
Makwar	1.7	5.87	−1.30	5.89	−1.21
Khartoum	2.7	11.18	−0.39	11.22	−0.28
Kh. el Girba	1.7	10.40	−1.40	10.40	−1.35
Atbara	1.7	10.39	−0.38	10.33	−0.41
Wadi Halfa	2.7	1.13	−0.80	1.04	−0.85
Aswan Res.	2.7	97.54	—	98.15	—
" D.S.	2.7	85.64	−0.64	85.25	−0.61
El Leithi	2.7	16.94	−0.33	16.94	−0.31
Roda (Cairo)	1.7	15.28	+0.12	15.40	+0.15

PRINTED AT THE SURVEY OF EGYPT 1930(29/6F.W/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١-٧-٣١. Barometer and Wind at 8 h. Yesterday 1.7.31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rainy	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١-٧-٣١. From Observations taken at 8 h. yesterday 1.7.31.

	Barometer: Reduced to Sea Level	Barometer: Change in 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1016.2	+2.7	+1.2	—	0	0	25	0	—	31	—	19	—	50	—	—	—	703	—
MALTA	1013.5	-0.5	-3.1	NW	4	1	24	-3	—	29	+1	22	+2	70	—	0	338	427	3
ATHENS	1012.8	-1.6	-0.2	—	0	0	25	+1	—	—	—	—	—	40	—	—	—	362	—
CANDIA	1013.5	-0.5	+0.9	NW	1	0	27	+2	—	30	+2	19	-2	—	—	0	519	459	1
LIMASSOL	1008.2	+3.6	-0.4	WNW	1	0	27	+1		31	-1	19	+1	—	—	0	393	464	2
Merowe	1007.6	+2.0	-0.4	NE	2	0	33.0	-1.0	-0.6	45	+2	27	+1	12	-10	0	0	4	—
Atbara	1007.9	+1.2	+0.8	NW	3	0	36.0	+1.5	+2.8	46	+4	31	+5	20	-4	0	0	11	—
Kassala	1007.5	+1.3	-2.9	NW	1	0	32.0	0.0	+3.7	42	+5	24	0	60	+4	0	13	56	—
Wad Medani	1007.1	+1.7	-2.5	SW	4	3	30.5	-3.0	+2.1	42	+4	26	+3	41	-18	0	16	66	—
Malakal	1012.6	+2.4	+0.3	SSE	2	2	24.2	-3.3	-0.7	32	0	21	0	85	+5	2	220	358	—
Wau	1010.7	+0.9	-0.4	SSW	5	3	23.0	-2.1	-1.3	33	0	21	+1	91	+11	25	396	548	—
Juba	1013.1	+1.2	—	NNE	1	3	22.5	-2.5	—	34	—	19	—	92	—	28	614	551	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04h 59m

" " sunset 19h 00m

From Observations taken at 8h. to-day.

Friday 3rd July, 1931 ١٩٣١ الجمعة ٣ يوليه

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1008.3	-3.5	-2.9	NNE	2	0	26.3	+0.2	+0.5	31		21		70	+7	0	57	101	3
	MATRUH	1008.7	-2.9	-2.5	ESE	2	1	24.8	-0.8	0.0	29	+1	23	+3	77	0	0	179	158	3
	ALEXANDRIA	1007.6	-3.4	-2.9	WNW	1	2	24.4	-0.4	-1.0	29	-1	21	-1	87	+12	0	96	190	1
	PORT SAID	1006.8	-2.6	-2.4	SE	1	0	26.8	+0.2	0.0	30	0	21	-1	70	0	0	62	82	1
	GAZA	—	—	—	S	1	0	25.8	-0.3	-1.0	29	-1	19	-1	75	+4	0	251	376	
	HAIFA	1004.8	-3.5	-2.0	—	0	0	28.3	-2.5	+0.5	32	+2	23	+2	65	-4	0	665	647	1
LOWER EGYPT (CAIRO)	TANTA	1009.0	-2.8		WNW	1	0	24.1	-1.4		34		20		82		0	35		
	EZBEKIYA	1006.6	-4.4	-3.2	NW	1	0	26.2	+1.4	+0.8	35	0	21	0	58	-13	0	17	34	
	GIZA	1007.4	-3.4	-3.3	NW	1	0	26.4	+2.6	—	35	0	17	-2	55	—	0	21	31	
	HELWAN	1005.8	-4.1	-4.7	WNW	1	0	25.6	+1.8	+0.9	34	-1	19	-2	56	-6	0	19	35	
	SIWA	1007.5	-3.6	-3.8	N	1	0	26.0	-1.0	-0.2	—	—	23	+3	64	+4	0	38	7	
RED SEA	SUEZ	1005.3	-4.5	-3.9	N	2	0	25.0	0.0	-0.8	33	-3	20	-3	61	-12	0	28	26	1
	TOR	1004.0	-3.6	-2.6	NW	5	0	27.0	+1.0	-0.2	31	-3	24	0	69	-5	0	11	14	5
	HURGHADA	1004.7	-3.3	—	NNW	5	0	30.7	+3.7	—	33	—	23	—	37		0	0		3
	QOSSEIR	1003.9	-3.5	—	N	4	0	30.7	+1.8	—	32	—	26	—	49		0	15		4
UPPER EGYPT	GEBALI	1007.1	-5.1	-3.4	N	1	0	28.0	+3.0	+0.8	36	-1	20	0	47	-10	0	17		
	MINYA	1007.6	-3.8		WNW	2	0	27.5	+3.0	+1.3	35	-2	19	-2	48	-14				
	ASSIUT	1006.4	-4.7	-2.8	WSW	2	0	29.2	+4.4	+1.5	35	-2	22	-1	42	-4	0	7		
	QENA	1004.8	-3.9		W	2	0	31.8	+2.9	+0.7	42	+1	24	0	29	-11				
	KHARGA	1007.5	-3.1		—	0	0	33.0	+5.8		37		22		30		0	1		
	ASWAN	1005.0	-3.4	-2.6	N	1	0	31.2	+2.0	-0.9	40	-2	25	-1	24	-7				
NORTH SUDAN	WADI HALFA	1006.3	-1.9	-1.7	—	0	0	29.0	+0.2	-1.3	38	-3	21	-2	24	+2				
	MEROWE	1005.9	-3.1	-2.1	NE	2	0	33.0	+0.5	-0.4	41	-2	25	-1	12	-10	0	0	5	
	ATBARA	1006.4	-1.9	-0.8	N	2	0	35.0	0.0	+2.0	44	+2	28	+2	24	-1	0	0	12	
	KHARTOUM	1006.8	-2.5	-1.8	S	1	1	32.5	+2.0	+2.5	41	+1	26	0	15	-33	0	5	19	
CENTRAL SUDAN	PORT SUDAN	1005.0	-2.6	-0.2	SW	1	3	36.5	+1.9	+0.8	38	-2	30	+3	31	-7	0	29	110	1
	KASSALA	1006.3	-2.7	-4.2	—	0	0	31.0	+2.0	+2.9	40	+3	24	0	59	+2	0	13	62	
	WAD MEDANI	1006.8	-1.4	-2.9	S	2	2	32.5	+0.5	+4.3	41	+3	26	+3	34	-27	0	16	74	
	ROSEIRES	1007.1	-2.2	-4.6	NNW	1	0	27.5	+1.0	+3.0	35	+2	24	+3	67	-6	1	194	239	
SOUTH SUDAN	EL FASHER	1008.8	+0.1		WNW	1	2	26.5	-1.5	+0.2	41	+4	22	0	53	-4	3	32	40	
	ZALIGEI	1008.0	-0.2	-3.2	W	4	1	~~29.7~~	+0.2	+3.0	39	+3	23	+1	~~56~~	-10	0	23	73	
	MALAKAL	1012.8	+0.5	+0.4	E	1	4	24.0	-2.3	-0.8	35	+3	22	+1	87	+6	9	229	370	
	WAU	1010.8	-0.2	-0.4	SW	6	3	23.7	-2.8	-0.5	33	0	21	+1	85	+5	5	401	561	
	JUBA	1011.8	+0.6	—	NW	1	3	24.4	+0.6	—	32	—	22	—	82		0	614	560	

TEMP. F C — PRESS Mm Mb

General Situation الحالة الجوية

Upper Wind observations at Helwan at G.M.T.

Height in metres	Direction	Speed
500		
1000		
1500		
2000		
3000		

Forecast for 24 hours from noon to day. حالة الطقس المحتمل في القطر من اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff. from normal (°C)
Alexandria	81	+8	22.5	+0.9
Ezbekiya	57	0	21.4	-0.6
Giza	57	+2	20.9	—
Helwan	47	+3	19.7	+0.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
3.7	921	1182
2.7	921	1201

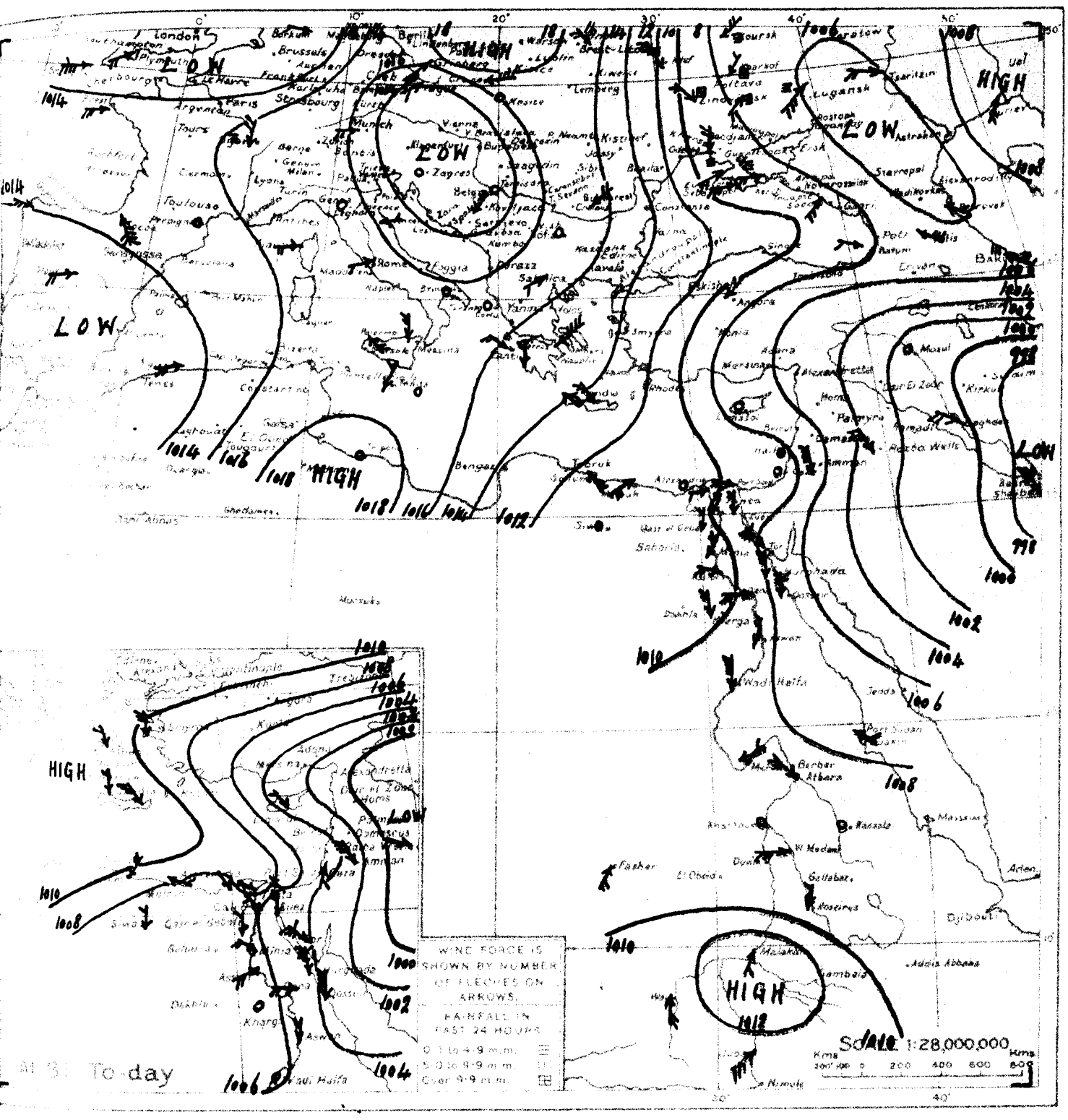
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	3.7	13.56	+0.02	13.49	-0.04
Nasser	3.7	8.59	-0.19	8.54	-0.21
Malakal	1.7	10.86	-0.22	10.82	-0.24
Roseires	2.7	14.16	+0.01	14.00	-0.09
Sennar Res.	3.7	6.88	—	6.77	—
Makwar	3.7	6.51	-0.85	6.42	-0.82
Khartoum	2.7	11.16	-0.39	11.22	-0.28
Kh. el Girba	1.7	10.40	-1.49	10.40	-1.35
Atbara	1.7	10.39	-0.38	10.33	-0.41
Wadi Halfa	2.7	1.13	-0.80	1.04	-0.85
Aswan Res.	3.7	96.85	—	97.54	—
" D.S.	3.7	85.64	-0.66	85.64	-0.64
El Leithi	2.7	16.94	-0.33	16.94	-0.31
Roda (Cairo)	1.7	15.68	+0.12	15.70	+0.15

PRINTED AT THE SURVEY OF EGYPT 929(29/650/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١ - V - C Barometer and Wind at 8 h. Yesterday 2.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - V - C From Observations taken at 8 h. yesterday 2.7.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1017.2	+1.0	+2.2	W	1	1	25	0	—	34	—	20	—	60	—	—	—	104	—
MALTA	1017.0	+3.5	+0.4	NNE	1	0	27	+3	—	27	-1	20	+2	40	—	0	338	427	2
ATHENS	1014.7	+1.9	+1.7	NE	4	2	26	+1	—	—	—	22	+1	40	—	—	—	362	—
CANDIA	1013.4	-0.1	+0.8	NW	3	1	26	-1	—	31	+3	20	-1	—	—	0	519	459	3
LIMASSOL	1007.5	-0.7	-0.9	—	0	0	27	0		32	0	17	-1	—	—	0	393	464	0
Atbara	1008.3	+0.4	+1.2	NW	2	0	35.0	-1.0	+1.9	44	+2	28	+2	17	-7	0	0	12	—
Wad Medani	1008.2	+1.1	-1.4	W	3	2	32.0	+1.5	+3.4	42	+4	26	+3	41	-19	0	16	70	—
El Fasher	1008.7	+1.7	—	SSW	2	1	28.0	+0.5	+1.4	40	+3	26	+4	54	-2	0	29	36	—
Malakal	1012.3	-0.3	0.0	SSW	1	1	26.3	+2.1	+1.4	32	0	22	+1	73	-8	0	220	364	—
Wau	1011.9	+0.3	-0.2	S	2	0	26.5	+3.5	+2.3	29	-4	23	+3	82	+2	0	396	554	—
Juba	1011.2	-1.9	—	SW	3	2	25.8	+1.3	—	29	—	20	—	85	—	0	674	555	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 04 59

" " sunset 19 00

From Observations taken at 8h. to-day.

Saturday 4 July, 1931 ١٩٣١ السبت ٤ يوليه

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
								°C	°C	°C	°C	°C	°C	°C			mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1010.0	+1.7	-7.1	NW	2	0	26.1	-0.2	+0.3	31		21		67	+4	0	57	101	4
	MATRUH	1007.4	-1.3	-3.8	NNW	4	0	25.2	+0.4	+0.4	27	-1	22	+2	87	+10	0	179	158	3
	ALEXANDRIA	1005.6	-2.0	-4.8	W	1	2	24.2	-0.2	-1.3	29	-1	22	0	83	+8	0	96	190	1
	PORT SAID	1005.4	-1.4	-3.7	NNW	2	0	27.9	+1.1	+1.0	31	+1	22	0	71	+1	0	62	82	1
	GAZA	—	—	—	—	0	0	27.1	+1.3	+0.3	30	0	20	0	71	0	0	251	376	
	HAIFA	1003.1	-1.7	-3.6	—	0	0	29.5	+1.2	+1.6	32	+2	23	+2	66	-3	0	665	647	1
LOWER EGYPT	TANTA	1006.3	-2.7		W	1	2	26.0	+1.9		36		21		76		0	35		
	SHEBEKIYA	1005.9	-0.7	-5.8	NW	1	3	24.7	-1.5	-0.7	36	+1	20	-1	76	+4	0	17	34	
	GIZA	1007.0	-0.4	-3.6	NNW	2	3	24.2	-2.2	—	36	+1	21	+2	80	—	0	21	31	
	HELWAN	1005.3	-0.5	-5.1	N	3	2	24.0	-1.6	-0.7	35	0	22	+1	75	+12	0	19	35	
	SIWA	1008.7	+1.2	-2.6	—	0	0	25.0	-1.0	-1.2	—	—	23	+3	70	+10	0	38	7	
RED SEA	SUEZ	1003.5	-1.8	-5.6	N	3	0	26.5	+1.5	+0.7	34	-2	24	+1	69	-4	0	28	26	2
	TOR	1003.5	-0.5	-3.1	N	4	0	27.0	0.0	-0.2	35	+1	23	-1	81	+7	0	11	14	4
	HURGHADA	1004.3	-0.4		NNW	5	0	30.2	-0.5		37		22		53		0	0		3
	QOSSEIR	1004.3	+0.4		WNW	3	0	32.9	+2.2		34		26		~~19~~		0	15		1
UPPER EGYPT	SUHAG	1006.8	-0.3	-3.6	NW	1	0	27.0	-1.0	-0.2	36	-1	22	+2	63	+6	0	17		
	MINIA	1005.6	-2.0		NNW	3	0	26.5	-1.0	+0.3	38	+1	22	+1	64	+2				
	ASSIUT	1006.0	-0.4	-3.2	WNW	2	0	27.2	-2.0	-0.5	38	+1	24	+1	53	+6	0	7		
	QENA	1004.7	-0.1		WSW	4	0	32.1	+0.3	+1.0	42	+1	26	+2	30	-10				
	KHARGA	1006.3	-1.2		—	0	0	30.3	-2.7		42		24		46		0	1		
	ASWAN	1004.0	-1.0	-3.6	—	0	0	33.0	+1.3	+0.9	41	-1	26	0	34	+3				
SUDAN	WADI HALFA	1005.4	-0.9	-2.6	—	0	0	31.6	+2.6	+1.3	40	-1	22	-1	16	-6				
	WADI RAI	1005.5	-0.4	-2.5	NE	1	0	32.5	-0.5	-0.9	41	-2	24	-2	12	-11	0	0	5	
	KHARTOUM	1007.6	+1.2	+0.3	N	2	0	36.0	+1.0	+3.1	43	+2	29	+3	21	-5	0	0	3	
	KASSALA	1006.6	-0.2	-2.0	SW	1	1	31.1	-1.4	+1.3	41	+1	25	-1	13	-35	0	5	21	
	KORA SUDAN	1003.9	-1.1	-1.3	NW	1	0	35.5	-1.0	-0.2	39	-1	27	0	28	-10	0	29	110	1
	KHARTOUM	1011.1	+4.0	-0.6	ENE	2	3	24.0	-3.5	-0.5	36	+3	24	+3	75	+2	0	194	245	

TEMP. F. C. 120 110 100 90 80 70 60 50

PRESS. Mm. Mb. 775 1030 1020 1010

General Situation

8 45

	Kms. per hour	Direction
0000	20	N
0600	5	ENE
1200	5	NW
1800	10	W
2400		

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
			°C	°C
Alexandria	86	+13	23.2	+1.5
Ezbekiya	49	-8	21.8	-0.3
Giza	45	-10	21.0	—
Helwan	48	+4	20.0	+1.1

NOTE. A dash means that figures are not available

Terms of Subscription by Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

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

DATE	1931	1930
3.7	921	1182
2.7	921	1201

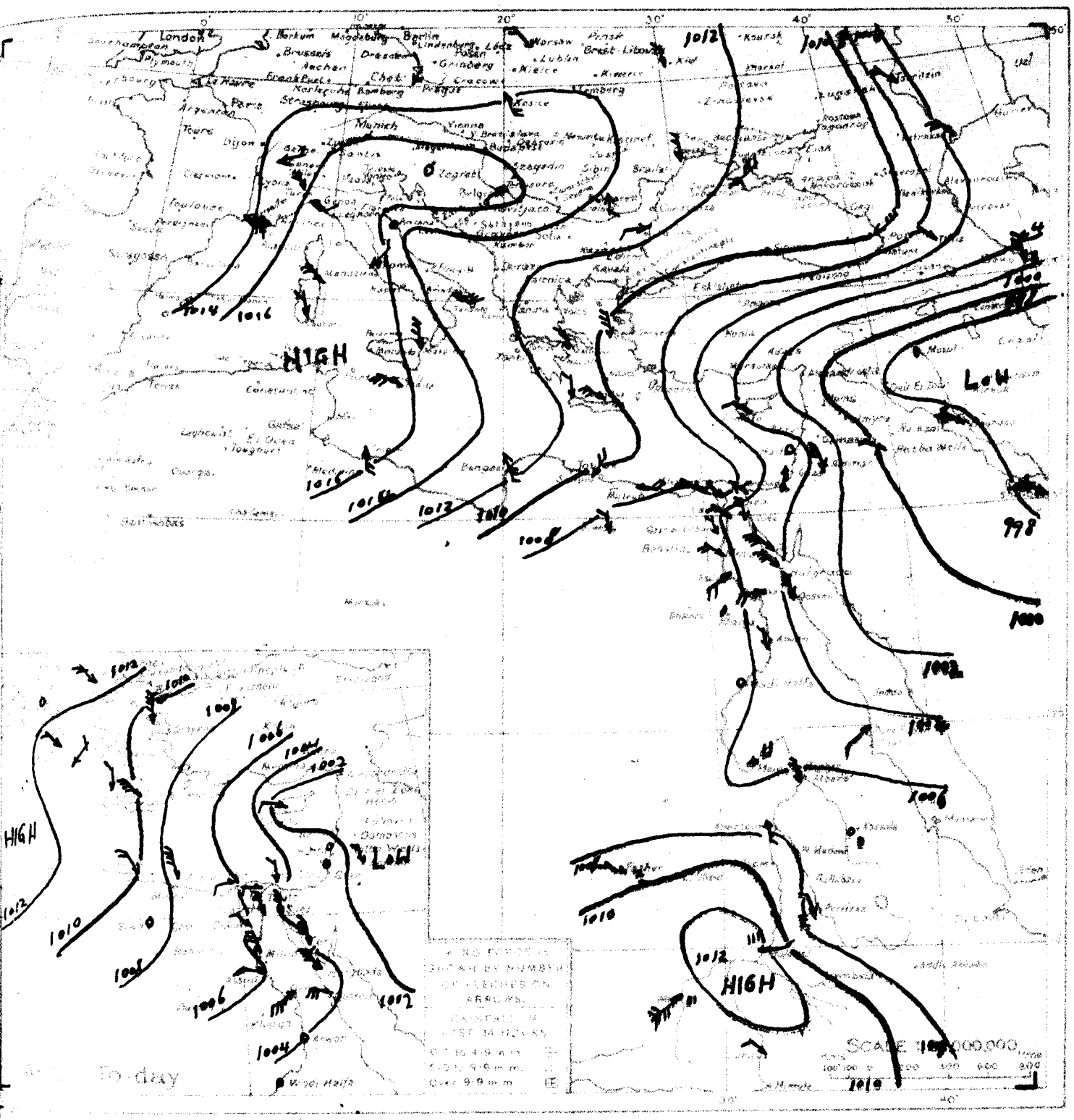
GAUGE	Date	Reading	Diff. from normal	Flood Reading	
	1931	m.	m.	m.	
Dongola	3.7	13.56	+0.02	13.49	-0.04
Nasser	3.7	8.59	-0.19	8.54	-0.21
Malakal	3.7	10.91	-0.21	10.89	-0.21
Roseires	4.7	14.33	-0.09	14.26	+0.02
Sennar Res.	3.7	6.88	—	6.77	—
Makwar	3.7	6.51	-0.85	6.42	-0.82
Khartoum	4.7	11.12	-0.55	11.12	-0.49
Kh. el Girba	2.7	10.48	-1.39	10.40	-1.40
Atbara	3.7	10.46	-0.40	10.44	-0.38
Wadi Halfa	4.7	1.50	-0.50	1.29	-0.68
Aswan Res.	3.7	96.85	—	97.54	—
" D.S.	3.7	85.64	-0.66	85.64	-0.64
El Leithi	4.7	16.99	-0.31	16.94	-0.34
Roda (Cairo)	3.7	15.68	+0.11	15.68	+0.11

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٣-٧-٣١ Barometer and Wind at 8 h Yesterday 3.7.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-33	5
Strong	34-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
Clouded	1
Cloudy	2
Overcast	3
Entirely clouded	4
Scattered	5
Snowfall	6
Sandstorm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	1
Smooth	2
Slight	3
Moderate	4
Rough	5
Very rough	6
High	7
Very high	8
Phenomenal	9
Confused	

٣-٧-٣١ From Observations taken at 8 h yesterday. 3.7.31.

	Barometer Station level	Barometer Reduced to sea level	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Diff. from normal	Max.	Min.	Max.	Min.	Humidity At 8 h	Humidity Diff. from normal	Rainfall 24 hours	Rainfall Since 1st Jan.	Rainfall Normal Since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
ROME	1016.8	-0.4	+1.8	NE	1	0	27	+2	34		22		50		—		704	
MALTA	1016.0	-1.0	-0.6	WNW	3	0	27	0	31	+3	23	+3	50		0	338	427	2
ATHENS	1011.6	-3.1	-1.4	NNW	1	0	28	+2	—	—	—	—	40		—		362	
CANDIA	1010.7	-2.7	-1.9	NW	3	1	26	0	29	+1	24	+3			0	519	459	4
LIMASSOL	1003.6	-3.9	-4.7	WNW	1	0	29	+2	33	+1	19	+1			0	393	464	0

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 00

" " sunset 19 00

From Observations taken at 8h. to-day.

Sunday 5th July, 1931 ١٩٣١ الأحد ٥ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Yesterday	Rainfall: Since 1st Jan.	Rainfall: Same date last year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.6	+1.6	+0.6	NNW	2	0	27.2	+1.1	+1.3	32	—	22	—	59	-4	0	57	101	3
	MATRUH	1010.6	+3.2	-0.4	NNW	2	0	24.8	-0.4	-0.1	27	-1	20	0	78	0	0	179	158	3
	ALEXANDRIA	1008.6	+3.0	-1.7	W	1	1	24.4	+0.2	-1.1	29	-1	22	0	85	+10	0	96	190	1
	PORT SAID	1009.1	+3.7	+0.1	WNW	1	0	27.1	-0.8	+0.2	31	+1	23	0	75	+5	0	62	82	1
	GAZA																			
	HAIFA	1007.4	+4.3	+0.7	—	0	0	29.5	0.0	+1.6	31	0	24	+3	65	-4	0	665	647	1
LOWER EGYPT	TANTA	1009.5	+3.2	—	WSW	1	0	26.5	+0.5	—	35	—	20	—	69		0	35		
	EZBEKIYA	1009.5	+3.6	-0.1	W	1	0	25.8	+1.1	+0.4	35	0	22	+1	70	-2	0	17	34	
	GIZA	1010.7	+3.7	+0.1	NW	1	0	25.9	+1.7	—	36	+1	20	+1	68	—	0	21	31	
	HELWAN	1008.7	+3.4	-1.6	NNW	2	0	24.9	0.0	-0.7	34	-1	21	0	75	+12	0	19	35	
	SIWA	1009.9	+1.2	-1.4	—	0	0	26.8	+1.8	+0.6	—	—	22	+2	57	-4	0	38	7	
RED SEA	SUEZ	1007.8	+4.3	-1.2	N	2	0	27.0	+0.5	+1.2	36	0	23	0	65	-10	0	28	26	1
	TOR	1007.5	+4.0	+1.0	NW	5	0	27.8	+0.8	+0.6	36	+2	24	0	78	+4	0	11	14	5
	HURGHADA	1007.9	+3.6	—	NNW	4	0	31.1	+0.9	—	37	—	24	—	49		0	0		2
	QOSSEIR	1007.4	+3.1	—	NW	3	0	34.9	+2.0	—	35	—	28	—	[illegible]		0	15		1
UPPER EGYPT	GEBELI	1010.8	+4.0	+0.5	NW	1	0	26.5	-0.5	-0.7	36	-1	20	0	66	+8	0	17		
	MINYA	1010.0	+4.4		N	3	0	27.2	+0.7	+1.0	36	-1	20	-1	61	-1				
	ASYUT	1010.0	+4.0	-0.9	W	2	0	27.8	+0.6	+0.1	36	-1	22	-1	49	+2	0	7		
	QENA	1008.7	+4.0	—	WSW	2	0	30.7	-1.4	-0.4	41	0	23	-1	35	-5				
	KHARGA	1009.3	+3.0		NE	1	0	31.0	+0.7	—	39		21		34		0	1		
	ASWAN	1008.2	+4.2	+0.7	NNE	1	0	32.3	-0.7	+0.2	42	0	27	+1	25	-7				
NILE VALLEY	WADI HALFA	1007.9	+2.5	-0.1	NE	2	10	31.6	0.0	+1.3	43	+2	25	+2	20	-2				
	KERMA	1006.6	+1.1	-1.4	NE	2	0	34.5	+2.0	+1.2	45	+2	25	-1	14	-9	0	0	5	
	DONGOLA	1007.2	-0.4	-0.1	NW	3	0	35.5	-0.5	+2.7	44	+3	28	+2	22	-4	0	0	14	
	KHARTOUM	1009.4	+2.8	+0.8	SSW	4	1	30.1	-1.0	+0.4	43	+3	28	+2	44	-5	0	5	22	
SUDAN	PORT SUDAN	1007.6	+3.7	+2.4	W	1	0	37.5	+2.0	+1.7	39	-1	27	0	18	-20	0	29	110	1
	SOAKIN																			
	WAD MEDANI	1009.5	+2.3	-0.3	S	3	3	30.0	0.0	+2.0	40	+3	27	+4	40	+23	0	16	81	
	SOBAT RES.	1010.4	-0.7	-1.4	NNE	1	3	23.5	-0.5	-0.9	32	-1	23	+2	87	+13	2	196	251	
	EL ASHEF																			
	EL OBEID	1009.1	+1.7	-2.3	W	3	2	28.8	-1.7	+2.3	40	+4	22	0	59	-8	0	23	78	
	MALAKAL	1012.4	+1.2	-0.1	SSE	1	3	24.0	-0.3	-0.8	32	+1	22	+1	88	+7	4	233	382	
	WAU	1010.3	+0.3	-0.9	S	5	1	26.0	+1.0	+1.9	34	—	22	+2	50	—	0	401	573	
	JUBA																			

Upper Air Observations

Ascent at 8.30

Height	Speed	Direction
500	5	W
1000	15	WNW
1500	15	NW
2000	15	NNW
3000	20	NW

General Situation

الحالة العامة

Forecast for 24 hours from noon to-day.

توقعات الجو ٢٤ ساعة من الظهر ليومنا

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	84	+11	23.3	+1.6
Ezbekiya	59	+2	21.9	-0.2
Giza	58	+3	21.4	—
Helwan	53	+9	20.4	+1.5

NOTE A dash means that figures are not available

Terms of Subscription: By inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
4.7	901	1168
3.7	921	1182

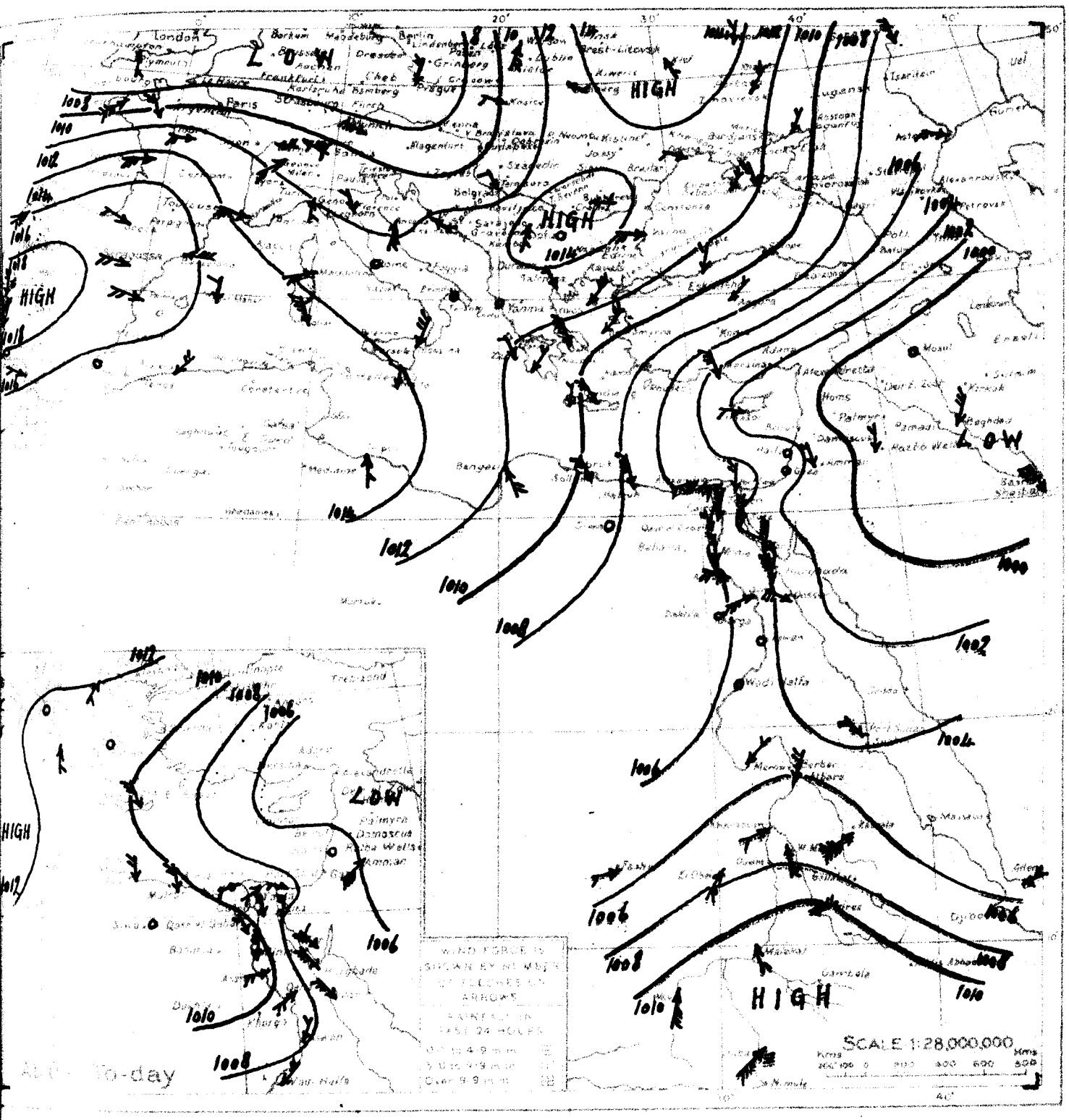
GAUGE	Date 1931	Reading m.	Diff from normal m.	Rise m.	Reading m.	Diff from normal m.
Juba	4.7	13.62	+0.08		13.56	+0.02
Nasser	3.7	8.59	-0.19		8.54	-0.21
Malakal	4.7	10.96	-0.18		10.91	-0.21
Roseires	5.7	14.04	-0.51		14.33	-0.09
Sennar Res.	4.7	6.88	—		6.88	—
Makwar	4.7	6.51	-0.92		6.51	-0.85
Khartoum	4.7	11.12	-0.55		11.12	-0.49
Kh. el Girba	2.7	10.48	-1.39		10.40	-1.40
Atbara	4.7	10.47	-0.44		10.46	-0.40
Wadi Halfa	4.7	1.30	-0.50		1.29	-0.68
Aswan Res.	4.7	96.23	—		96.85	—
" D.S.	4.7	85.60	-0.72		85.64	-0.66
El Leithi	5.7	16.99	-0.33		16.99	-0.31
Roda (Cairo)	5.7	15.77	+0.19		15.70	+0.12

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١-٧-٤ Barometer and Wind at 8 h. Yesterday 4.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٧-٤ From Observations taken at 8 h. yesterday 4.7.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1013.5	-3.3	-1.5	—	0	4	30	+3	—	34	—	21	—	—	—	—	—	705	—
MALTA	1014.5	-1.5	-2.1	N	1	0	27	0	—	32	+4	23	+3	60	—	0	338	427	1
ATHENS	1010.8	-0.8	-2.2	NNW	4	0	27	-1	—	—	—	—	—	50	—	—	—	363	—
CANDIA	1009.9	-0.8	-2.5	NW	4	1	26	0	—	29	+1	23	+2	—	—	0	519	459	6
LIMASSOL	1001.6	-2.0	-6.6	WNW	1	0	29	0		34	+2	19	+1	—	—	0	393	464	0
Kassala كسلا	1006.3	0.0	-4.3	SW	7	0	30.0	-1.0	+2.0	40	+4	26	+2	38	-20	0	13	66	—
Wad Medani ودمدنى	1007.2	+0.4	-2.5	S	4	1	30.0	-2.5	+1.9	41	+4	25	+2	42	-20	0	16	77	—
El Fasher الفاشر	1005.9	-2.9	—	WSW	1	0	27.0	+0.5	+0.8	39	+2	22	0	56	-1	0	32	43	—
El Obeid الأبيض	1007.4	-0.6	-3.9	SW	2	1	30.5	+0.8	+3.9	40	+4	23	+1	54	-12	0	23	76	—
Malakal الملاكل	1011.2	-1.6	-1.2	SSE	1	3	24.3	+0.3	-0.5	31	-1	23	+2	85	+4	0	229	376	—
Wau واو	1010.0	-0.8	-1.2	S	4	3	25.0	+1.3	+0.9	28	-4	23	+3	80	-1	0	401	567	—
Juba جوبا	1012.0	+0.2	—	SW	4	3	22.6	-1.8	—	32	—	20	—	89	—	4	618	564	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 00

" " sunset 19 00

From Observations taken at 8h to-day.

Monday 6th July, 1931 ١٩٣١ الاثنين ٦ يوليه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1st to yesterday	Rainfall Normal from Oct. 1st to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.7	+1.1	+1.8	NNW	1	0	28.2	+1.0	+2.3	32		20		49	-13	0	57	101	2
	MATRUH	1012.3	+1.7	+1.3	NNW	3	3	25.4	+0.6	+0.5	27	-1	21	+1	89	+11	0	179	158	4
	ALEXANDRIA	1012.3	+3.7	+2.1	W	2	1	24.9	+0.5	-0.6	29	-1	22	0	87	+12	0	96	190	1
	PORT SAID	1011.6	+2.5	+2.7	WNW	3	0	26.6	-0.5	-0.3	34	+4	22	-1	67	-3	0	62	82	1
	GAZA	—	—	—	—	0	0	26.1	-3.2	-0.8	30	0	19	-1	78	+6	0	251	376	
	HAIFA	1008.7	+1.3	+2.1	—	0	0	29.0	-0.5	+1.0	31	0	24	+3	72	+3	0	665	647	1
LOWER EGYPT	TANTA	1012.0	+2.5		WSW	1	0	26.6	+0.1		35		18		66		0	35		
	EZBEKIYA	1011.9	+2.4	+2.4	—	0	0	26.8	+1.0	+1.4	36	+1	20	-1	54	-18	0	17	34	
	GIZA	1012.7	+2.0	+2.2	NNW	2	0	26.0	+0.1	—	36	+1	17	-2	57	—	0	21	31	
	HELWAN	1011.4	+2.7	+1.2	NNW	1	0	25.0	+1.0	+0.3	36	+1	20	-1	53	-11	0	19	35	
	SIWA	1012.3	+2.4	+1.1	—	0	0	[illegible]	+6.2	+6.8	—	—	20	0	[illegible]	-31	0	38	7	
RED SEA	SUEZ	1010.3	+2.5	+1.4	N	2	0	26.8	-0.2	+0.9	36	0	22	-1	61	-12	0	28	26	1
	TOR	1009.4	+1.9	+2.9	NW	5	0	27.6	-0.2	+0.3	35	+1	24	0	66	-8	0	11	14	5
	HURGHADA	1009.6	+1.7	—	NNE	4	0	32.4	+1.3		35		24		45		0	0		2
	QOSSEIR	1009.1	+1.7	—	N	5	0	31.0	-3.9		36		28		49		0	15		4
UPPER EGYPT	GENEH	1012.7	+1.9	+2.4	NW	2	0	28.0	+2.5	+0.7	37	0	20	0	44	-14	0	17		
	MINIA	1011.4	+1.4		NNE	2	0	26.7	-0.5	+0.5	36	-1	20	-1	61	-2				
	ASSIUT	1011.5	+1.5	+2.5	W	2	0	27.8	0.0	+0.1	36	-1	22	-1	46	-1	0	7		
	DENDERA	1009.9	+1.2		WNW	2	0	30.8	+0.1	-0.3	41	0	25	+1	35	-5				
	KHARGA	1010.3	+1.0		—	0	0	32.2	+1.2		39		22		26		0	1		
	ASWAN	1009.5	+1.3	+2.0	NNE	2	0	31.0	+1.3	-1.1	40	-2	25	-1	21	-11				
SUDAN	WADI HALFA	1008.6	+0.7	+0.7	N	2	0	30.6	-1.0	+0.3	42	+1	24	+1	23	+1				
	MEROWE																			
	KERMA	1007.6	+0.4	+0.2	W	2	1	36.0	+0.5	+3.2	43	+2	30	+4	23	-3	0	0	15	
	KHARTOUM	1007.8	-1.6	-0.8	SW	2	1	33.0	+2.9	+3.4	42	+2	29	+3	38	-12	0	5	24	
	KOSTI	1008.8	+1.2	+3.7	N	1	1	35.6	-1.9	-0.2	41	+1	27	0	30	-8	0	29	110	1
	SENNAR	1010.2	+1.2	-0.5	—	0	—	26.5	-3.5	-1.3	38	+2	26	+3	80	+21	0	15	72	
	ABU HAMED	1008.3	-1.2	-1.6	S	3	1	31.0	+1.0	+3.1	40	+3	26	+3	39	-24	0	16	85	
	WADI RAIS	1007.9	-2.5	-3.9	NNW	1	2	25.0	+1.5	+0.6	31	-2	23	+2	84	+10	2	198	257	
	EL KASHEF	1007.2	+1.3		WNW	1	1	27.0	-2.0	+0.9	41	+5	23	+1	49	-9	0	32	50	
	EL OBEID																			
	MALAKAL	1011.4	-1.0	-1.1	—	0	2	26.5	+2.5	+1.8	32	+1	24	+3	77	-4	0	233	388	
	WAU																			
	JUBA	1011.2	-1.4		NW	4	2	24.7	+0.5		28		20		86		0	625	573	

Upper Air Observation at Helwan at 8 30

Alt.	Kms. per hour	Direction
500	25	N
1000	20	NNW
1500	25	NW
2000	20	NNW
3000		

General Situation

حالة الجو

Forecast for 24 hours from noon to-day.

توقعات لغاية ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	84	+11	23.4	+1.7
Ezbekiya	60	+3	22.4	+0.3
Giza	55	0	21.1	—
Helwan	54	+10	20.4	+1.4

NOTE. A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

Sennar Reservoir gauge reading for 13.6.31 published on 15 & 16.6.31 should read 6.89 instead of 7.89 m.

ملاحظة - صحة قراءة النيلومتر بخزان سنار يوم ١٣/٦/٣١ المذكورة بتقريري يومي ١٥ و ١٦/٦/٣١ هي ٦,٨٩ بدلا من ٧,٨٩ مترا.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
5.7	906	1166
4.7	901	1168

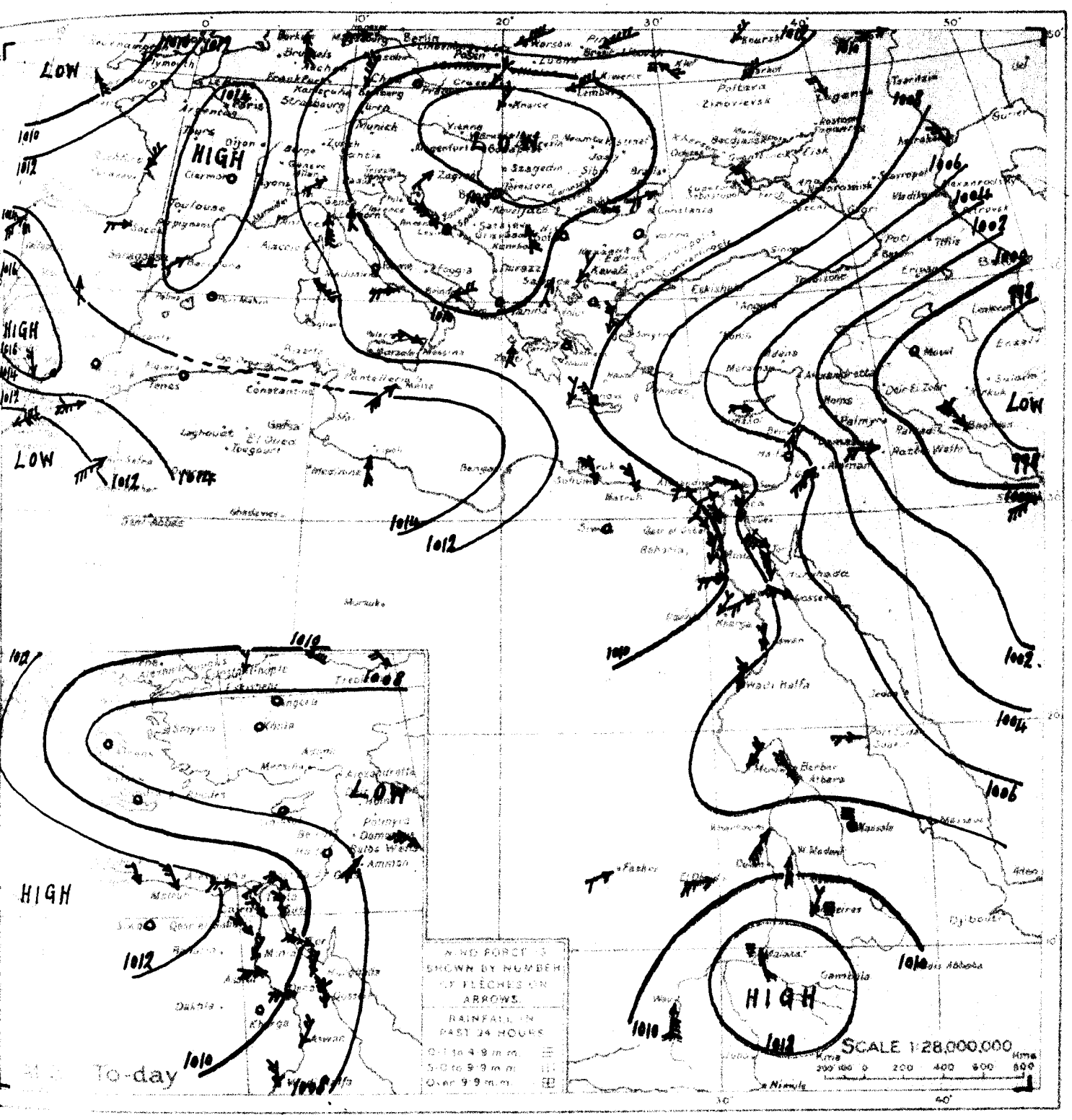
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	4.7	13.62	+0.08	13.56	+0.02
Nasser	5.7	8.67	-0.17	8.64	-0.17
Malakal	5.7	10.98	-0.18	10.96	-0.18
Roseires	6.7	14.32	-0.34	14.04	-0.51
Sennar Res.	5.7	7.06	—	6.88	—
Makwar	5.7	6.67	-0.85	6.51	-0.92
Khartoum	5.7	11.20	-0.54	11.12	-0.55
Kh. el Girba	4.7	11.30	-0.73	10.48	-1.47
Atbara	5.7	10.47	-0.49	10.47	-0.44
Wadi Halfa	6.7	1.84	-0.21	1.64	-0.36
Aswan Res.	5.7	95.60	—	96.23	—
" D.S.	5.7	85.60	-0.75	85.60	-0.72
El Leithi	5.7	16.99	-0.33	16.99	-0.31
Roda (Cairo)	5.7	15.77	+0.19	15.70	+0.12

PRINTED AT THE SURVEY OF EGYPT 1930(30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢١-٧-٥ Barometer and Wind at 8 h. Yesterday 5.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-٥ From Observations taken at 8 h. yesterday. 5.7.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.1	-2.4	-3.9	—	0	4	27	-3	—	33	—	21	—	60	—	—	—	705	—
	MALTA	1012.5	-2.0	-4.1	SW	3	1	30	+3	—	30	+2	25	+5	50	—	0	338	427	1
	ATHENS	1011.0	+0.2	-2.0	—	0	0	28	+1	—	—	—	22	+1	40	—	—	—	363	—
	CANDIA	1009.6	-0.3	-2.8	NW	3	1	29	+3	—	29	+1	20	-1	—	—	0	519	459	4
	LIMASSOL	1004.2	+2.4	-3.8	WNW	1	0	29	0		34	+2	19	+1	—	—	0	393	464	0
EGYPT and SUDAN	Kassala	1009.0	+2.7	-1.6	—	0	0	30.0	0.0	+3.1	40	+4	23	-1	38	-20	2	15	69	—
	El Fasher	—	—	—	WSW	1	0	29.0	+2.0	+3.0	40	+3	22	0	43	-15	0	32	47	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 h 01 m

" " sunset 19 h 00 m

From Observations taken at 8h. to-day.

Tuesday 7th July, 1931 ١٩٣١ الثلاثاء ٧ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.4	−1.3	+0.6	NNW	2	0	29.6	+1.4	+3.6	34	—	23	—	56	−6	0	57	101	4
	MATRUH	1010.4	−1.9	−0.5	~~NNW~~ NW	4	3	25.6	+0.2	+0.7	28	0	22	+2	89	+11	0	179	158	5
	ALEXANDRIA	1010.2	−2.1	0.0	W	1	1	25.1	+0.2	−0.5	30	0	21	−1	87	+11	0	96	190	1
	PORT SAID	1009.6	−2.0	+0.8	S	2	0	27.6	+1.0	+0.6	31	+1	21	−2	68	−2	0	62	82	1
	GAZA	—	—	—	—	0	0	26.8	+0.7	−0.2	29	−1	18	−2	75	+3	0	251	376	—
	HAIFA	1007.4	−1.3	+0.9	—	0	0	28.5	−0.5	+0.4	32	+1	24	+3	72	+3	0	665	647	1
LOWER EGYPT	TANTA	1010.7	−1.3	—	—	0	0	26.5	−0.1	—	35	—	20	—	65	—	0	35		—
	CAIRO: EZBEKIYA	1009.3	−2.6	−0.1	WNW	1	0	28.1	+1.3	+2.7	36	+1	21	0	43	−29	0	17	58	—
	CAIRO: GIZA	1010.4	−2.3	0.0	NNE	1	0	27.0	+1.0	—	36	+1	16	−3	56	—	0	21	31	—
	CAIRO: HELWAN	1008.6	−2.8	−1.5	NW	2	0	26.9	+1.9	+2.2	35	0	22	+1	46	−19	0	19	35	—
	SIWA	1011.1	−1.2	−0.1	—	0	0	31.0	−2.0	+4.8	—	—	24	+4	50	−11	0	38	7	—
RED SEA	SUEZ	1008.4	−1.9	−0.5	N	2	0	26.0	−0.8	+0.1	36	0	21	−2	76	+3	0	28	26	1
	TOR	1007.1	−2.3	+0.7	NW	4	0	28.0	+0.4	+0.7	34	0	25	+1	63	−11	0	11	14	4
	HURGHADA	1007.5	−2.1	—	NNW	4	0	31.4	−1.0		34		24		43		0	0		2
	QOSSEIR	1006.8	−2.3	—	N	3	0	32.9	+1.9	—	34	—	27	—	39		0	15		3
UPPER EGYPT	SEBALI	1010.8	−1.9	+0.6	NW	1	0	28.0	0.0	+0.7	37	0	20	0	47	−11	0	17		
	MINYA	1009.8	−1.6	—	N	3	0	27.0	+0.3	+0.7	36	−1	20	−1	54	−9				
	ASSIUT	1009.9	−1.6	+1.0	WNW	2	0	27.4	−0.4	−0.3	37	0	22	−1	43	−4	0	7		
	QENA	1008.0	−1.9	—	NW	2	0	31.2	+0.4	+0.1	41	0	25	+1	31	−9				
	KHARGA	1009.4	−0.9	—	—	0	0	30.0	−2.2		39		20		36		0	1		
	ASWAN	1007.5	−2.0	+0.1	NE	2	0	31.0	0.0	−1.1	41	−1	24	−2	19	−13				
NORTH SUDAN	WADI HALFA	1007.5	−1.1	−0.4	N	3	0	30.6	0.0	+0.3	42	+1	24	0	14	−8				
	MEROWE	1007.0	−0.4	−1.0	E	1	0	35.0	+1.0	+1.8	45	+2	28	+2	8	−17	0	0	6	
	KORTI	1007.9	+0.3	+0.5	NW	1	0	36.5	+0.5	+3.8	44	+3	30	+4	21	−6	0	0	15	
	KHARTOUM	1009.3	+1.5	+0.6	SW	3	1	~~23.7~~	−9.3	−5.8	43	+3	~~24~~	−4	~~84~~	+33	drops	5	25	
CENTRAL SUDAN	PORT SUDAN	1006.2	−2.6	+1.1	SW	1	0	36.9	+1.3	+1.0	41	+1	28	+1	22	−16	0	29	111	1
	KASSALA																			
	WAD MEDANI																			
	KOSTI REG.	1007.1	—	−4.7	~~NNE~~ NE	2	2	25.5	+0.5	+1.1	34	+1	21	0	72	−3	13	211	263	
	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 8.45 m. m.

Height (metres)	Kms per hour	Direction
500	15	NNE
1000	25	N
1500	30	N
2000	30	N
3000		

General Situation

حالة الجو

Forecast for 24 hours from noon to day.

حالة الجو المحتمل في ٢٤ ساعة من ظهر اليوم فما بعده

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	88	+15	24.6	+2.8
Ezbekiya	45	−13	21.0	−1.2
Giza	45	−11	20.7	—
Helwan	39	−6	19.6	+0.6

NOTE. A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

Khashm el Girba river gauge readings 17 & 18.6.31 are 11.08 & 10.94 m. respectively

ملاحظة – قراءتا النهر بمقياس خشم القربة يومي ١٧ و ١٨/٦/٣١ هما ١١,٠٨ و ١٠,٩٤ مترا على الترتيب

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

DATE	1931	1930
6.7	866	1179
5.7	906	1166

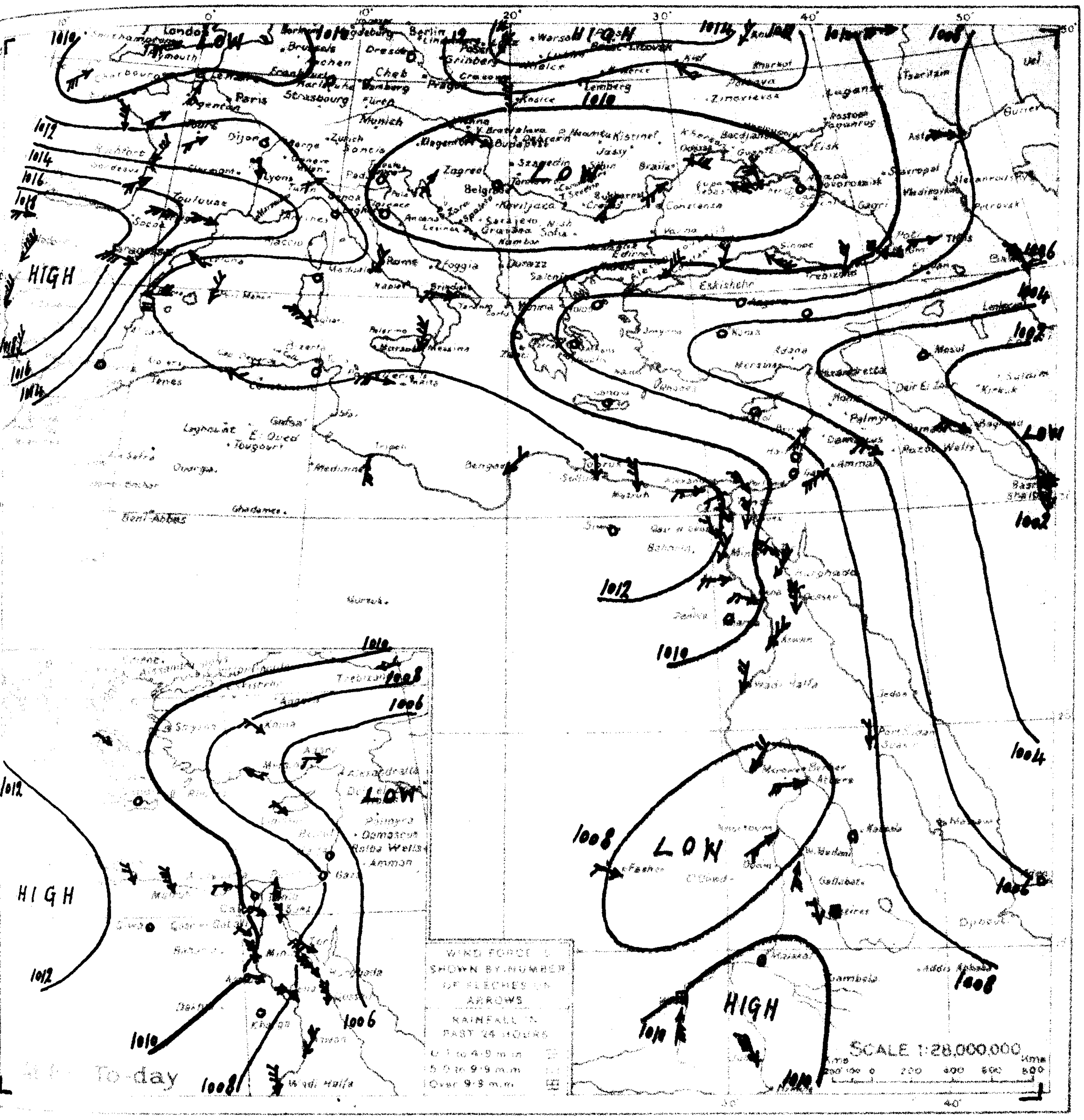
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous Reading m.	Diff. m.
Juba	6.7	13.63	+0.08	14.22	+0.67
Nasser	6.7	8.70	−0.17	8.67	−0.17
Malakal	6.7	11.00	−0.18	10.98	−0.18
Roseires	6.7	14.32	−0.34	14.04	−0.51
Sennar Res.	6.7	7.01	—	7.06	—
Makwar	6.7	6.60	−1.02	6.67	−0.85
Khartoum	7.7	11.52	−0.37	11.40	−0.41
Kh. el Girba	5.7	11.20	−0.90	11.30	−0.73
Atbara	7.7	10.45	−0.62	10.45	−0.56
Wadi Halfa	7.7	1.86	−0.29	1.89	−0.21
Aswan Res.	6.7	95.10	—	95.60	—
" D.S.	6.7	85.53	−0.85	85.60	−0.75
El Leithi	7.7	17.01	−0.34	17.01	−0.32
Roda (Cairo)	7.7	15.82	+0.23	15.79	+0.20

PRINTED AT THE SURVEY OF EGYPT 1930(30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٣١-٧-٦ Barometer and Wind at 8 h. Yesterday 6.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١-٧-٦ From Observations taken at 8 h. yesterday. 6.7.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.8	+0.7	-3.2	NE	2	0	28	+1	—	33	—	21	—	50	—	—	—	706	—
	MALTA	1012.7	+0.2	-3.9	WNW	3	0	31	+1	—	34	+5	26	+6	50	—	0	338	427	2
	ATHENS	1007.4	-3.6	-5.6	—	0	0	27	-1	—	—	—	—	—	50	—	—	—	363	—
	CANDIA	1009.8	+0.2	-2.5	—	0	0	32	+3	—	32	+4	23	+2	—	—	0	519	459	1
	LIMASSOL	1007.2	+3.0	-0.7	—	0	0	28	-1		33	+1	18	0	—	—	0	393	464	0
EGYPT and SUDAN	Merowe مروي	1007.4	+0.8	-0.6	NE	2	0	34.0	-0.5	+0.7	45	+2	27	+1	12	-12	0	0	5	—
	Wau واو	1010.3	0.0	-0.9	S	3	1	25.8	-0.2	+1.8	34	+2	23	+3	82	+1	13	414	579	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 h 01 m

" " sunset 18 h 59 m

From Observations taken at 8h. to-day.

Wednesday 8th July, 1931 ١٩٣١ الاربعاء ٨ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1012.8	+1.4	+2.1	NNW	2	0	27.3	-2.3	+1.3	32	—	22	—	64	+2	0	57	101	3
	MATRUH	1010.6	+0.2	-0.2	NNW	3	2	26.2	+0.6	+1.2	28	0	22	+2	90	+12	0	179	158	5
	ALEXANDRIA	1008.7	-1.5	-1.4	NNW	1	0	25.4	+0.3	-0.2	30	0	23	+1	84	+8	0	96	190	1
	PORT SAID	1007.9	-1.7	-0.8	N	2	1	28.2	+0.6	+1.2	32	+2	23	0	69	-1	0	62	82	1
	GAZA	—	—	—	—	0	0	25.7	-1.1	-1.3	31	+1	19	-1	85	+13	0	251	376	—
	HAIFA	1005.4	-2.0	-1.0	—	0	0	29.5	+1.0	+1.4	31	0	24	+3	65	-4	0	665	647	1
LOWER EGYPT	TANTA	1008.8	-1.9	—	W	1	4	25.6	-0.9	—	37	—	22	—	74	—	0	35	—	—
	CAIRO EZBEKIYA	1008.8	-0.5	-0.6	WNW	2	3	25.3	-2.8	-0.1	37	+2	23	+2	73	+1	0	17	34	—
	CAIRO GIZA	1009.4	-1.0	-0.9	NNW	2	2	25.2	-1.8	—	37	+2	21	+2	74	—	0	21	31	—
	CAIRO HELWAN	1008.2	-0.4	-1.8	N	3	4	24.1	-2.8	-0.6	37	+2	23	+2	76	+11	0	19	35	—
	SIWA	1011.2	+0.1	+0.1	—	0	0	27.0	-4.0	+0.8	—	—	23	+3	63	+2	0	38	7	—
RED SEA	SUEZ	1006.3	-2.1	-2.5	N	3	0	26.5	+0.5	+0.6	36	0	24	+1	77	+4	0	28	26	2
	TOR	1005.9	-1.2	-0.5	NW	4	0	28.0	0.0	+0.6	32	-2	23	-1	63	-11	0	11	14	4
	HURGHADA	1005.6	-1.9	—	NNW	4	0	30.5	-0.9	—	34	—	22	—	50	—	0	0		2
	QOSSEIR	1005.1	-1.7	—	NNW	4	0	35.0	+2.1	—	36	—	26	—	37	—	0	15		2
UPPER EGYPT	GEBALI	1010.6	-0.2	+0.5	NW	2	0	26.2	-1.8	-1.2	39	+2	23	+3	67	+9	0	17		
	MINYA	1008.3	-1.5	—	NNE	2	0	27.0	0.0	+0.7	38	+1	23	+2	73	+10				
	ASYUT	1008.4	-1.5	-0.5	WNW	2	0	28.8	+1.4	+1.1	38	+1	24	+1	55	+8	0	7		
	QENA	1006.7	-1.3	—	WNW	2	0	32.3	+1.1	+1.2	43	+2	26	+2	31	-9				
	KHARGA	1007.9	-1.5	—	—	0	0	31.2	+1.2	—	40	—	22	—	36	—	0	1		
	ASWAN	1006.2	-1.3	-1.2	—	0	0	32.0	+1.0	-0.1	42	0	26	0	22	-10	—	—	—	
NORTH SUDAN	WADI HALFA	1007.2	-0.3	-0.7	—	0	0	31.4	+0.8	+1.1	40	-1	22	-2	21	-1	—	—	—	
	MEROWE																			
	ATBARA																			
	KHARTOUM	1012.2	+2.9	+3.5	SSW	4	2	—	—	—	42	+2	26	+1	—	—	0	5	27	
EAST SUDAN	PORT SUDAN	1006.3	+0.1	+1.2	NW	1	0	36.6	-0.3	+0.7	40	0	27	0	25	-13	0	29	111	1
	KASSALA																			
	WAD MEDANI	1010.4	+3.0	+0.4	W	3	3	26.0	+0.8	-1.7	37	0	27	+4	50	-14	0	38	92	
	ROSEIRES	1011.6	+4.5	-0.2	NNW	2	3	21.5	-4.0	-2.8	37	+4	21	0	87	+12	43	254	269	
SOUTH SUDAN	EL FASHER	1008.3	+2.1	—	WSW	1	3	24.0	-4.5	-1.9	37	+1	22	0	75	+16	6	38	57	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA			—						—	—			—		—				

TEMP. F C — PRESS Mm. Mb

Upper Wind Observations at Helwan at h. m. 8.45

Height (metres)	Kms. an hour	Direction
500	20	NNW
1000	5	E
1500	15	NW
2000	15	NW
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

توقعات الطقس حضوطها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	86	+13	24.3	+2.5
Ezbekiya	42	-16	21.9	-0.3
Giza	51	-5	22.4	—
Helwan	33	-12	20.2	+1.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Khartoum river gauge reading for 21.6.31 is 11.16 m.

ملاحظة - قراءة النهر بمقياس الخرطوم يوم ٢١/٦ هي ١١,١٦ مترا.

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
7.7	846	1170
6.7	866	1179

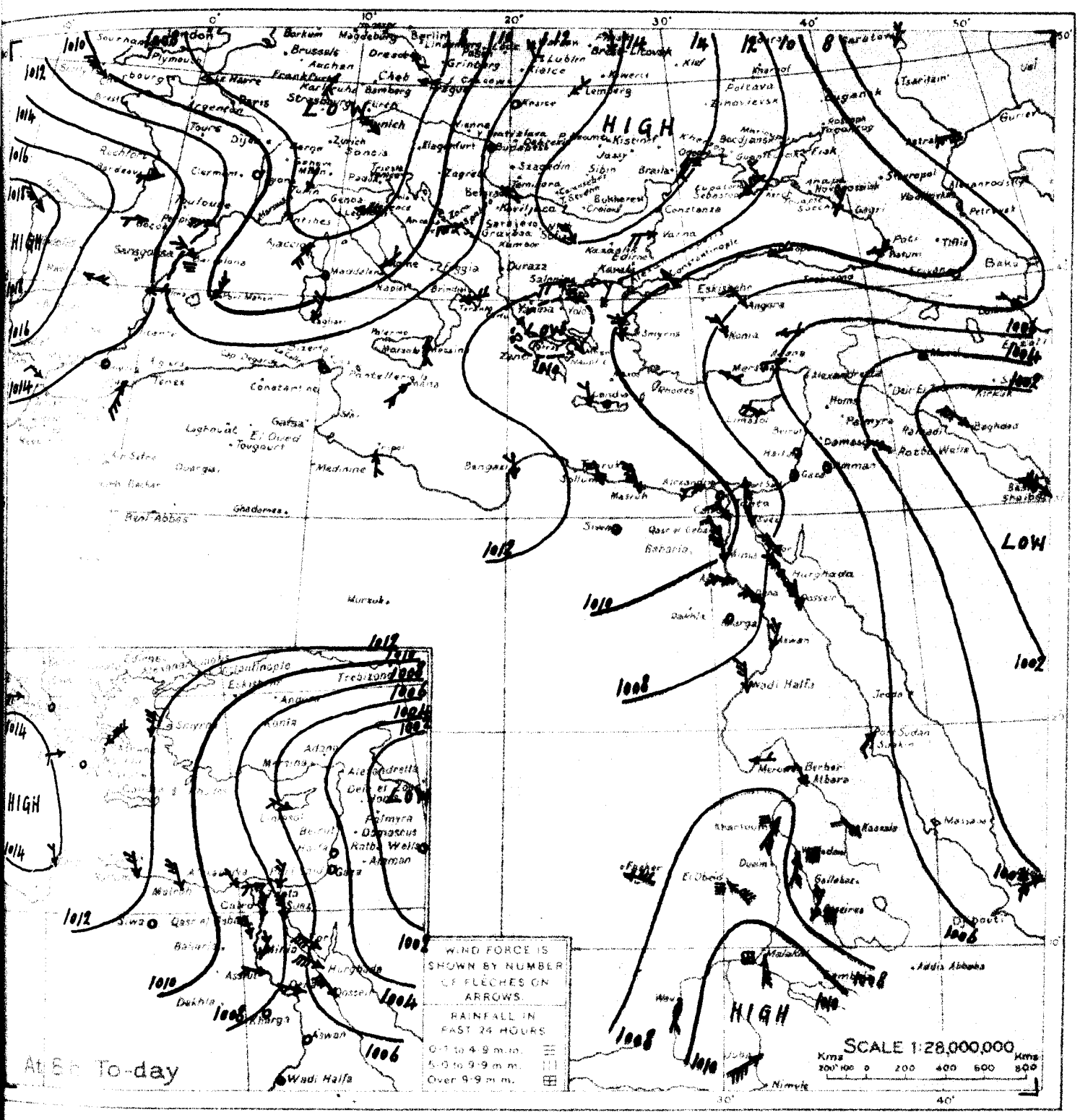
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	7.7	13.60	+0.05	13.63	+0.08
Nasser	7.7	8.73	-0.17	8.70	-0.17
Malakal	7.7	11.04	-0.16	11.00	-0.18
Roseires	8.7	14.24	-0.65	14.06	-0.70
Sennar Res.	7.7	6.97	—	7.01	—
Makwar	7.7	6.56	-1.14	6.60	-1.02
Khartoum	7.7	11.52	-0.37	11.40	-0.41
Kh. el Girba	5.7	11.20	-0.90	11.30	-0.73
Atbara	7.7	10.45	-0.62	10.45	-0.56
Wadi Halfa	7.7	1.86	-0.29	1.89	-0.21
Aswan Res.	7.7	94.87	—	95.10	—
" D.S.	7.7	85.49	-0.91	85.53	-0.85
El Leithi	8.7	17.07	-0.35	17.01	-0.34
Roda (Cairo)	8.7	15.79	+0.19	15.82	+0.22

PRINTED AT THE SURVEY OF EGYPT 1929(29/650/i) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢١-٧-٧ Barometer and Wind at 8 h Yesterday 7.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-٧ From Observations taken at 8 h yesterday. 7.7.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b	m.b.	m.b.				°C.	°C.	°C	°C	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.5	-2.3	-5.3	NE	1	1	28	0	—	34	—	21	—	40	—	—	—	707	—
	MALTA	1012.5	-0.2	-4.1	SW	2	2	34	+3	—	38	+9	27	+7	40	—	0	338	427	1
	ATHENS	1010.8	+3.4	-2.2	NW	1	0	31	+4	—	—	—	—	—	30	—	—	—	363	—
	CANDIA	1010.8	+1.0	-1.5	—	0	0	30	-2	—	38	+10	23	+2	—	—	0	519	459	1
	LIMASSOL	1007.4	+0.2	-0.4	WNW	1	0	28	0		33	+1	17	-1	—	—	0	393	464	0
EGYPT and SUDAN	Wad Medani	1007.4	-0.9	-2.5	S	2	1	25.2	-5.8	-2.6	41	+4	19	-4	51	-13	22	38	89	—
	El Fasher	1006.2	-1.6	—	ESE	3	0	28.5	+1.5	+2.5	39	+3	22	0	43	-16	0	37	54	—
	El Obeid	1008.7	+0.9	-2.8	SE	4	4	25.9	-2.4	-0.5	38	+3	22	0	63	-5	drops	23	84	—
	Malakal	1011.6	+0.2	-0.9	S	3	4	23.3	-3.2	-1.4	36	+5	23	+2	92	+10	19	252	394	—
	Wau	1008.8	-1.5	-2.5	S	1	3	24.2	-1.6	+0.2	33	+1	23	+3	86	+5	0	414	586	—
	Juba	1010.4	-0.8	—	SW	4	3	23.0	-1.7	—	32	—	21	—	86	—	0	625	578	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05h 01m

" " sunset 18h 59m

From Observations taken at 8h. to-day.

Thursday 9th July, 1931 ١٩٣١ الخميس ٩ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.6	-3.2	-7.0	NNW	3	0	28.2	+0.9	+2.1	34	—	22	—	57	-5	0	57	101	4
	MATRUH	1009.6	-1.0	-1.1	NNW	3	0	26.4	+0.2	+1.4	29	+1	24	+4	81	+3	0	179	158	4
	ALEXANDRIA	1008.0	-0.7	-2.0	WNW	1	1	25.2	-0.2	-0.5	30	0	23	+1	85	+9	0	96	190	1
	PORT SAID	1007.9	0.0	-0.7	W	2	0	27.8	-0.4	+0.8	31	0	23	0	64	-6	0	62	82	1
	GAZA	—	—	—	—	0	2	26.6	+0.9	-0.5	30	0	18	-2	80	+8	0	251	376	—
	HAIFA	1004.6	-0.8	-1.7	SSW	2	1	29.7	+0.2	+1.5	34	+3	23	+2	61	-8	0	665	647	0
LOWER EGYPT	TANTA	1008.8	0.0	—	SW	1	2	26.0	+0.4	—	36	—	24	—	72	—	0	35	—	—
	CAIRO EZBEKIYA	1008.2	-0.6	-1.1	NNW	1	1	26.4	+1.1	+1.0	36	+1	23	+2	68	-4	0	17	34	—
	CAIRO GIZA	1008.4	-1.0	-1.8	NW	2	1	26.5	+1.3	—	36	+1	22	+3	69	—	0	21	31	—
	CAIRO HELWAN	1007.2	-1.0	-2.7	NNW	3	0	24.9	+0.8	+0.3	35	0	22	+1	71	+6	0	19	35	—
	SIWA	1011.2	0.0	+0.1	—	0	0	26.8	-0.2	+0.6	—	—	24	+4	71	+9	0	38	7	—
RED SEA	SUEZ	1006.8	+0.5	-1.9	N	2	0	26.4	-0.1	+0.5	36	0	24	+1	73	-1	0	28	26	1
	TOR	1006.0	+0.1	-0.3	NW	4	0	27.7	-0.3	+0.3	38	+4	24	0	77	+3	0	11	14	4
	HURGHADA	1005.9	+0.3	—	NNW	4	0	31.9	+1.4	—	37	—	25	—	55	—	0	0	—	2
	QOSSEIR	1006.0	+0.9	—	NNW	2	0	32.1	-2.9	—	35	—	27	—	53	—	0	15	—	1
UPPER EGYPT	GEBALI	1009.4	-1.2	-0.6	NW	1	0	27.0	+0.8	-0.4	37	0	22	+2	63	+5	0	17	—	—
	MINYA	1008.6	+0.3	—	WNW	3	0	26.5	-0.5	+0.1	37	0	22	+1	73	+10	—	—	—	—
	ASYUT	1008.6	+0.2	-0.2	WNW	2	0	28.5	-0.3	+0.8	38	+1	24	+1	52	+5	0	7	—	—
	QENA	1007.2	+0.5	—	W	2	0	32.0	-0.3	+0.9	44	+3	25	+1	40	0	—	—	—	—
	KHARGA	1008.4	+0.5	—	—	0	0	32.0	+0.8	—	42	—	23	—	38	—	0	1	—	—
	ASWAN	1007.1	+0.9	-0.2	—	0	0	32.3	+0.3	+0.1	43	+1	27	+1	27	-5	—	—	—	—
NORTH SUDAN	WADI HALFA	1007.0	-0.2	-0.9	NNW	2	0	33.0	+1.6	+2.7	43	+2	24	0	19	-3	—	—	—	—
	MEROWE	1007.6	+1.2	-0.4	S	3	0	34.0	-1.5	+0.9	45	+2	29	+3	29	+3	0	0	6	—
	ATBARA																			—
	KHARTOUM	1009.6	—	+0.9	SSW	2	1	29.1	—	-0.2	39	-1	26	+1	54	+2	0	5	29	—
EAST SUDAN	PORT SUDAN	1005.0	-1.3	0.0	—	0	0	38.9	+2.3	+3.0	41	+1	30	+3	22	-16	0	29	111	0
	KASSALA																			—
	WAD MEDANI	1009.5	-0.9	-0.5	S	2	0	30.0	+4.0	+2.5	36	-1	22	-1	38	-27	0	38	96	—
	ROSEIRES	1009.5	-2.1	-2.3	NNE	1	1	26.0	+4.5	+1.7	29	-4	21	0	76	+1	2	256	275	—
SOUTH SUDAN	EL FASHER	1008.3	0.0	—	WNW	1	0	25.0	+1.0	-0.8	30	-6	21	-1	61	+1	trace	38	61	—
	EL OBEID																			—
	MALAKAL	1012.3	-2.1	-0.3	—	0	3	25.6	+4.9	+1.0	29	-2	20	-1	81	-1	1	275	407	—
	WAU																			—
	JUBA			—						—		—		—		—				—

Upper Wind Observations at Helwan at 8.30 h.

Height (metres)	Kms. an hour	Direction
500	15	NNW
1000	15	NW
1500	25	NW
2000	15	NNW
3000	25	NNW

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

يتوقع حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	86	+13	24.0	+2.1
Ezbekiya	60	+2	23.0	+0.8
Giza	59	+3	22.6	—
Helwan	54	+9	21.7	+2.6

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
9.7	893	1190
8.7	889	1243

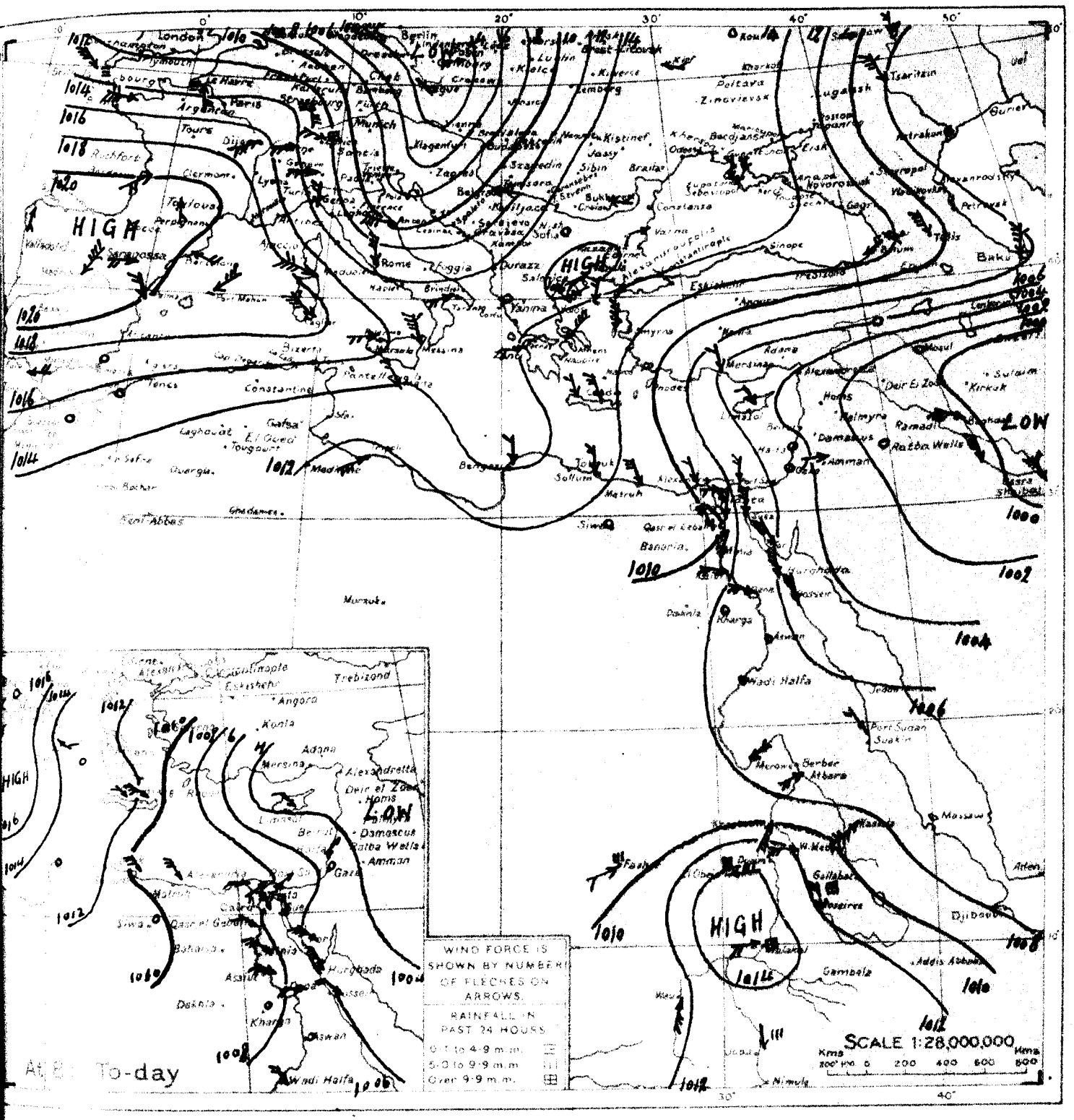
GAUGE	Date	Reading	Diff. from normal	Prev. Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	8.7	13.58	+0.03	13.60	+0.05
Nasser	8.7	8.78	-0.16	8.73	-0.17
Malakal	8.7	11.07	-0.15	11.04	-0.18
Roseires	9.7	14.40	-0.60	14.24	-0.65
Sennar Res.	8.7	6.97	—	6.97	—
Makwar	8.7	6.56	-1.24	6.54	-1.14
Khartoum	8.7	11.66	-0.30	11.52	-0.37
Kh. el Girba	6.7	11.60	-0.58	11.20	-0.90
Atbara	8.7	10.48	-0.65	10.45	-0.62
Wadi Halfa	9.7	1.83	-0.42	1.86	-0.34
Aswan Res.	9.7	95.00	—	94.85	—
" D.S.	9.7	85.58	-0.90	85.58	-0.86
El Leithi	9.7	17.00	-0.38	17.01	-0.35
Roda (Cairo)	9.7	15.79	+0.18	15.79	+0.19

PRINTED AT THE SURVEY OF EGYPT 1929(29/589/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٨-٧-٣١ Barometer and Wind at 8 h. Yesterday 8.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨-٧-٣١ From Observations taken at 8 h yesterday. 8.7.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.5	+4.0	-1.3	N	3	1	26	-2	—	36	—	23	—	30	—	—	—	707	—
	MALTA	1013.9	+1.4	-2.7	NW	2	2	31	-3	—	39	+10	28	+7	60	—	0	338	427	1
	ATHENS	1013.6	+2.8	+0.6	NE	4	0	30	-1	—	—	—	—	—	30	—	—	—	364	—
	CANDIA	1012.4	+1.6	+0.2	NW	3	1	28	-2	—	33	+5	25	+4	—	—	0	519	459	4
	LIMASSOL	1005.9	-1.5	-1.9	NW	1	0	29	+1		33	+1	18	0	—	—	0	393	464	1
EGYPT and SUDAN	Merowe	1006.4	-0.6	-1.6	NE	1	0	35.5	+0.5	+2.3	45	+2	28	+2	7	-20	0	0	6	—
	Atbara	1007.5	-0.4	0.0	SW	2	0	36.0	-0.5	+3.4	44	+3	30	+4	20	-8	0	0	16	—
	Kassala	1009.0	+1.4	-1.8	SW	7	5	28.0	-1.0	+0.4	39	+3	26	+3	78	+10	0	15	79	—
	El Obeid	1014.6	+5.9	+3.1	E	3	4	21.9	-4.0	-4.4	36	+1	18	-4	82	+14	10	33	87	—
	Malakal	1014.4	+2.8	+1.8	W	2	4	20.7	-2.6	-4.0	30	-1	20	-1	95	+13	22	274	400	—
	Wau	1011.5	+2.7	+0.2	S	3	2	24.0	-0.2	0.0	28	-4	21	+1	83	+2	0	414	592	—
	Juba	1012.4	+2.0	—	NNW	—	—	—	—	—	34	—	20	—	—	—	8	633	582	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 02

" " sunset 18 59

From Observations taken at 8h. to-day.

Friday 10th July, 1931 ١٩٣١ الجمعة ١٠ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.6	0.0	-0.9	NNW	3	0	27.6	-0.6	+1.5	33		23		68	+6	0	57	101	4
	MATRUH	1007.8	-1.8	-2.8	N	4	2	26.6	+0.2	+1.6	29	+1	22	+2	89	+11	0	179	158	6
	ALEXANDRIA	1006.0	-2.0	-3.9	W	2	0	26.0	+0.8	+0.3	30	0	23	+1	81	+5	0	96	190	2
	PORT SAID	1005.1	-2.8	-3.4	WSW	3	1	28.2	+0.4	+1.1	32	+1	21	-2	77	+6	0	62	82	1
	GAZA	—	—	—	SW	1	0	28.3	+1.7	+1.2	29	-1	21	+1	75	+3	0	251	376	
	HAIFA	1001.5	-3.1	-4.7	SSW	1	1	30.6	+0.9	+2.4	32	+1	24	+3	61	-8	0	665	647	1
LOWER EGYPT	TANTA	1006.7	-2.1	—	SW	1	0	27.9	+1.9		36		22		67		0	35		
	CAIRO: EZBEKIYA	—	—	—	NW	2	0	27.8	+1.4	+2.4	36	+1	24	+3	62	-11	0	17	34	
	CAIRO: GIZA	1006.6	-1.8	-3.4	NW	2	0	27.2	+0.7	—	36	+1	21	+2	69	—	0	21	31	
	CAIRO: HELWAN	1006.0	-1.2	-3.9	WNW	2	3	24.9	0.6	+0.3	36	+1	23	+2	80	+15	0	19	35	
	SIWA	1009.8	-1.4	-1.3	—	0	0	28.0	+1.2	+1.8	—	—	25	+5	57	-5	0	38	7	
RED SEA	SUEZ	1004.3	-2.5	-4.3	N	2	0	28.0	+1.6	+2.1	36	0	23	0	61	-13	0	28	26	1
	TOR	1003.4	-2.6	-2.9	N	2	0	30.0	+2.3	+2.6	37	+3	25	+1	54	-15	0	11	14	2
	HURGHADA	1003.9	-2.0	—	NE	4	0	30.6	-1.3		36		24		64		0	0		2
	QOSSEIR	1003.8	-2.2	—	N	4	0	31.4	-0.7		36		26		54		0	15		2
UPPER EGYPT	GERGA	1007.5	-1.9	-2.5	NW	1	0	28.5	+1.5	+1.1	37	0	23	+3	61	+3	0	17		
	MINYA	1006.4	-2.2		NNE	3	0	27.5	+1.0	+1.1	36	-1	23	+2	67	+4				
	ASSIUT	1006.3	-2.3	-2.4	WNW	2	0	28.6	+0.1	+0.9	37	0	24	+1	44	-3	0	7		
	QENA	1004.2	-2.4		W	2	0	31.9	-0.1	+0.8	42	+1	24	0	36	-4				
	KHARGA	1005.9	-2.5		—	0	0	31.8	-0.2		41		21		37		0	1		
	ASWAN	1004.8	-2.3	-2.5	—	0	0	33.4	+1.1	+1.2	42	0	26	0	24	-8				
ANGLO-EGYPTIAN SUDAN	WADI HALFA	1005.1	-1.9	-2.7	N	1	0	32.0	-1.0	+1.7	44	+3	24	0	22	0				
	MEROWE	1004.2	-3.4	-3.8	NE	1	0	34.5	+0.5	+1.5	45	+3	27	+1	14	-13	0	0	7	
	ATBARA	1007.6	-1.2	0.0	N	3	0	35.0	0.0	+2.5	44	+3	28	+2	28	-1	0	0	18	
	KHARTOUM	1004.2	-5.4	-4.5	WSW	2	1	34.3	+5.2	+5.1	42	+2	28	+3	32	-21	0	5	30	
	KORTI	1005.0	0.0	0.0	NW	1	1	37.2	-1.7	+1.3	43	+3	27	-1	16	-23	0	29	112	1
	KASSALA	1006.3	-3.9	-4.6	WSW	[illegible]	[illegible]	32.0	+5.0	+4.6	38	+2	26	+3	30	-31	0	22	85	
	WAD MEDANI	1006.6	-2.9	-5.3	ENE	1	1	28.0	+2.0	+3.8	35	+2	26	+5	70	-5	0	256	281	
	ROSEIRES	1007.2	-1.1		WSW	1	2	24.0	-1.0	-1.7	38	+2	22	+1	75	+15	1	39	64	
	EL FASHER	1006.8	—	-4.8	W	3	1	29.0	—	+2.8	39	+4	22	0	61	-8	0	33	93	
	EL OBEID	1008.7	-3.6	-3.9	S	2	1	28.0	+2.4	+3.4	33	+2	24	+3	72	-10	0	275	413	
	MALAKAL	1009.9	-1.1	-1.4	SW	5	4	26.8	+1.9	+2.9	35	+3	24	+4	71	-10	0	414	605	
	ADI	1011.6	-1.5		W	3	4	24.7	-0.1		32		22		87		0	633	591	
	JUBA																			

Upper Wind Observations at Helwan at [illegible] P.M.

Height (Metres)	Wind at hour	Observation
500		
1000		
1500		
2000		
3000		

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
			°C	
Alexandria	86	+13	24.2	+2.2
Ezbekiya	53	-5	22.6	+0.3
Giza	53	-4	22.2	—
Helwan	49	+4	21.6	+2.5

NOTE A dash means that figures are not available

Terms of Subscription By inland Post. P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
10.7	920	1273
9.7	893	1190

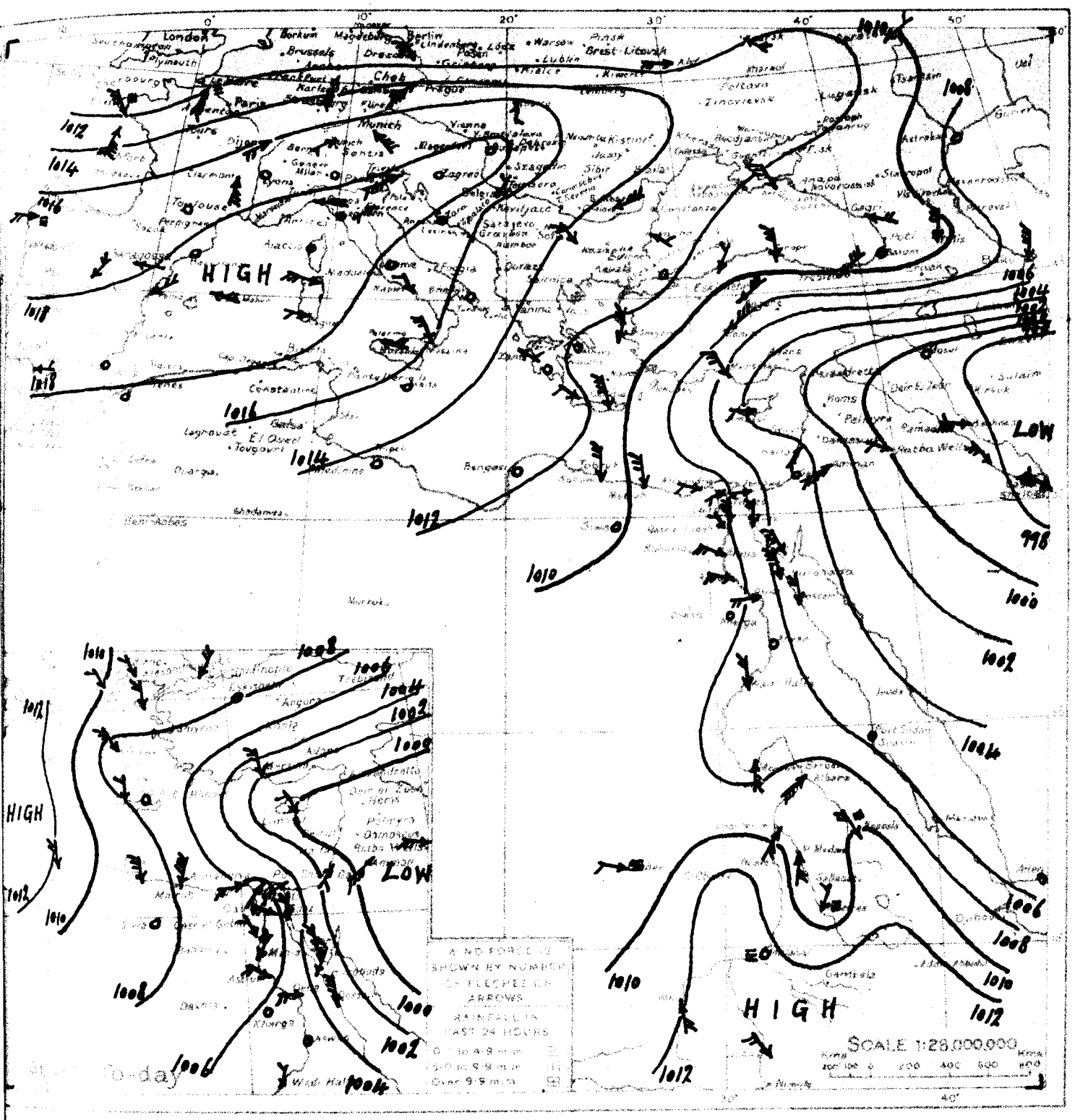
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous Reading m.	Diff from normal m.
Juba	10.7	13.81	+0.26	14.01	+0.46
Nasser	9.7	8.80	-0.17	8.78	-0.16
Malakal	10.7	11.10	-0.16	11.09	-0.15
Roseires	10.7	14.32	-0.76	14.40	-0.60
Sennar Res.	10.7	7.00	—	7.00	—
Makwar	10.7	6.59	-1.41	6.57	-1.33
Khartoum	10.7	11.64	-0.46	11.62	-0.42
Kh. el Girba	7.7	11.30	-0.94	11.60	-0.53
Atbara	10.7	10.66	-0.59	10.57	-0.62
Wadi Halfa	10.7	1.79	-0.53	1.83	-0.42
Aswan Res.	10.7	95.24	—	95.00	—
" D.S.	10.7	85.62	-0.89	85.58	-0.90
El Leithi	10.7	17.00	-0.40	17.00	-0.39
Roda (Cairo)	10.7	15.79	+0.17	15.79	+0.11

PRINTED AT THE SURVEY OF EGYPT 1929(23/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١-٧-٩ Barometer and Wind at 8 h. Yesterday 9.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Prompitous	8
Confused	9

.٢١-٧-٩ From Observations taken at 8 h yesterday 9.7.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.3	+2.8	+1.5	—	0	1	22	-4	—	30	—	16	—	50	—	—	—	708	—
	MALTA	1015.7	+1.8	-0.9	—	0	0	29	-2	—	34	+5	25	+4	70	—	0	338	427	0
	ATHENS	1011.8	-1.8	-1.2	—	0	0	29	-1	—	—	—	—	—	40	—	—	—	364	—
	CANDIA	1011.9	-0.5	-0.3	NW	4	0	30	+2	—	32	+4	22	0	—	—	0	519	459	3
	LIMASSOL	1003.4	-2.5	-4.2	WNW	1	0	30	+1		34	+2	20	+2	—	—	0	393	464	1
EGYPT and SUDAN	Atbara	1008.8	+1.3	+1.3	SW	3	0	35.0	-1.0	+2.5	40	-1	28	+2	21	-7	0	0	17	—
	Kassala	1010.2	+1.2	-0.6	NW	2	0	27.0	-1.0	-0.5	38	+2	22	-1	69	+8	7	22	82	—
	Wau	1011.0	-0.5	-0.3	S	2	2	24.9	+0.9	+1.0	32	0	22	+2	80	-1	0	414	598	—
	Juba	1013.1	+0.7	—	NW	3	3	24.8	—	—	33	—	20	—	84	—	0	633	587	—

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 43

" " sunset 18 59

From Observations taken at 8h. to-day.

Saturday 11th July, 1931 ١٩٣١ السبت ١١ تموز

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
								°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1006.2	-3.4	-7.3	NNW	4	0	27.6	0.0	+1.5	—		23		70	+8	0	57	101	5
	MATRUH	1004.6	-3.2	-5.9	NW	4	0	26.4	-0.2	+1.3	29	+1	25	+5	90	+12	0	179	158	5
	ALEXANDRIA	1002.7	-3.3	-7.1	NW	1	0	26.2	+0.2	+0.5	30	0	24	+2	86	+10	0	96	190	2
	PORT SAID	1002.6	-2.5	-5.8	WSW	2	3	28.1	-0.1	+1.0	36	+5	24	+1	78	+7	0	62	82	1
	GAZA	—	—	—	—	0	0	27.9	-0.4	+0.8	35	+5	22	+2	81	+9	0	251	376	
	HAIFA	1000.3	-1.2	-5.9	SSW	2	0	30.6	0.0	+2.3	32	+1	22	+1	60	-9	0	665	647	2
LOWER EGYPT	TANTA	1003.4	-3.3		W	1	0	28.0	+0.1		38		21		70		0	35		
	CAIRO EZBEKIYA	1003.2	—	-6.0	N	1	0	26.7	-1.1	+1.3	39	+4	23	+2	74	+1	0	17	34	
	GIZA	1003.6	-3.1	-6.6	NNW	1	0	27.0	-0.2	—	40	+5	22	+3	77	—	0	21	31	
	HELWAN	1003.4	-2.6	-6.4	NW	2	1	25.0	+0.1	+0.4	39	+4	23	+2	79	+13	0	19	35	
	SIWA	1005.9	-3.9	-5.2	—	0	0	26.2	-1.8	0.0	—	—	25	+5	73	+11	0	38	7	
RED SEA	SUEZ	1007.5	-2.8	-7.0	N	2	0	27.2	-0.8	+1.2	36	0	24	+1.	75	+1	0	28	26	1
	TOR	1001.6	-1.8	-4.6	NW	3	0	28.5	-1.5	+1.0	36	+2	25	+1	81	+7	0	11	14	3
	HURGHADA	1002.0	-1.9		NNE	4	0	30.9	+0.3		35		25		66		0	0		2
	QOSSEIR	1001.8	-2.0		N	2	0	34.7	+3.3		37		27		39		0	15		1
[illegible]	[illegible]	1004.4	-3.1	-5.5	NW	1	0	29.0	+0.5	+1.6	40	+3	22	+2	58	0	0	17		
	[illegible]	1003.5	-2.9		N	3	0	27.5	0.0	+1.1	38	+1	20	-1	63	0				
	[illegible]	1003.8	-2.5	-4.9	NNW	2	0	29.1	+0.5	+1.4	39	+2	24	+1	46	-2	0	7		
	[illegible]	1001.9	-2.9		W	3	0	33.5	+1.6	+2.4	43	+2	26	+2	25	-15				
	[illegible]	1003.6	-2.3		—	0	0	31.3	-0.5		40		22		34		0	1		
	[illegible]	1002.6	-2.2	-4.7	—	0	0	33.6	+0.2	+2.4	41	-1	27	+1	23	-9				
	[illegible]	1003.9	-1.2	-3.9	N	1	0	30.6	-1.4	+0.3	42	+1	24	0	26	+4				
	[illegible]	1004.2	0.0	-3.8	SE	3	0	34.0	-0.5	+1.0	45	+3	28	+2	12	-15	0	0	7	
	[illegible]	1006.6	+2.4	-2.1	SW	4	1	31.5	-2.8	+2.4	44	+4	28	+3	43	-11	0	5	32	
	[illegible]	1002.4	-2.6	-2.6	SE	3	0	36.6	-0.6	+0.7	40	-1	27	-1	23	-16	0	29	42	3
	[illegible]	1008.0	+1.4	-3.9	ENE	1	3	23.0	-5.0	-1.2	35	+2	21	0	91	+15	15	271	287	
	[illegible]	1011.9	+3.2	-0.8	N	1	1	24.0	-4.0	-0.6	32	+1	21	0	78	-5	3	278	419	

TEMP. F C

PRESS Mm. Nb.

Observation

09 00

General Situation

حالة الجو

500	15	NW
1000	5	N
1500	10	NNW
2000	15	NW
2500		

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
			°C	°C
Alexandria	84	+11	24.6	+2.6
Ezbekiya	52	-6	23.4	+1.1
Giza	53	-3	23.1	—
Helwan	54	+9	21.6	+2.4

NOTE A dash means that figures are not available

Terms of Subscription by Inland Post, PT 100 annually

" " Abroad PT150 "

Remarks

Discharges at Aswan measured by Kouloos m 3 per sec

DATE	1931	1930
10.7.	920	1273
9.7.	893	1170

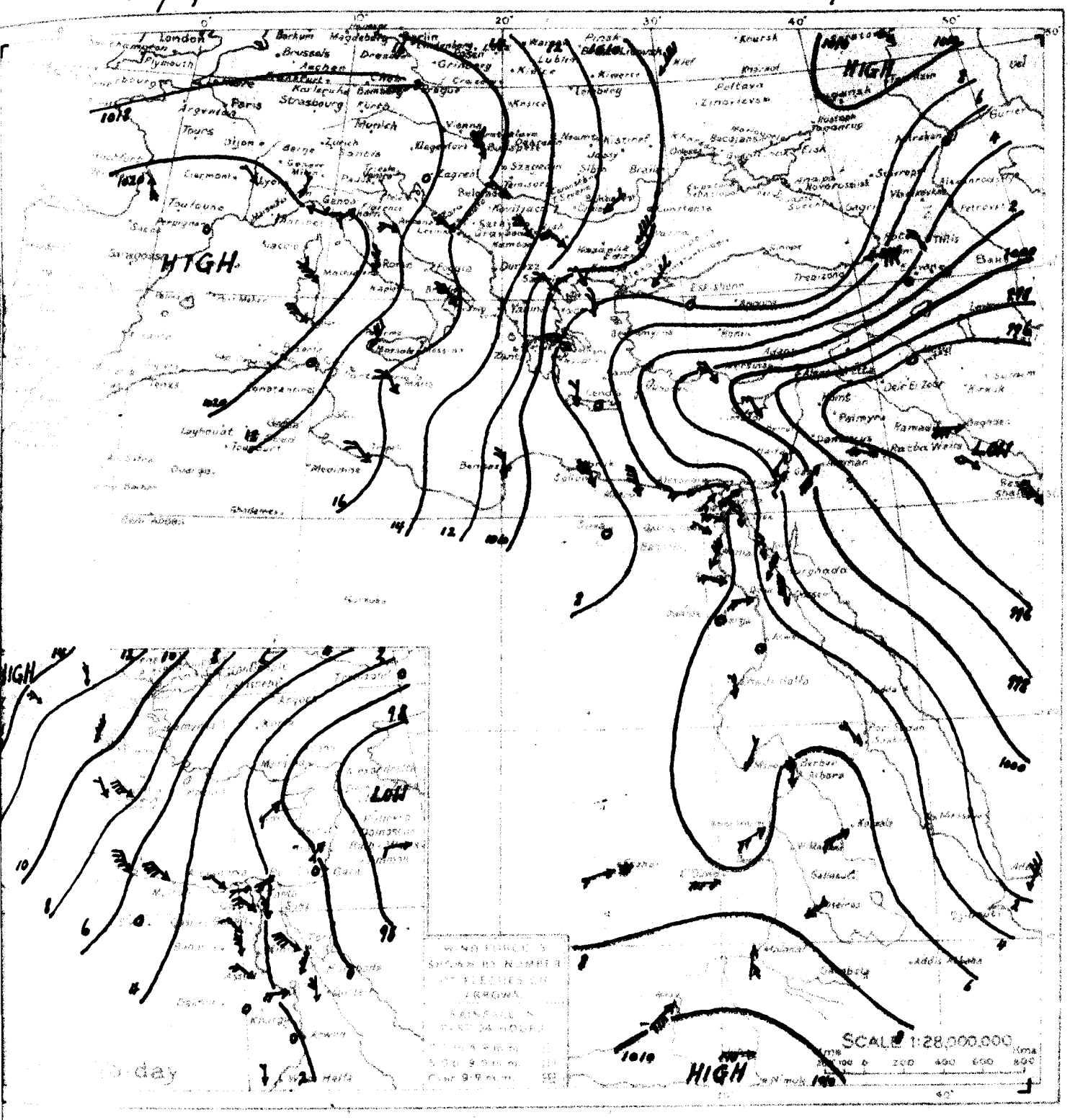
GAUGE	Date	Reading	Diff. from normal	Danger Point: Reading	Diff.
	1931	m	m	m	
Juba	10.7.	13.81	+0.26	14.01	+0.46
Nasser	9.7.	8.80	-0.47	8.78	-0.16
Malakal	10.7.	11.10	-0.16	11.09	-0.15
Roseires	11.7.	14.08	-1.05	14.32	-0.76
Sennar Res.	10.7.	7.00	—	7.00	—
Makwar	10.7.	6.59	-1.41	6.57	-1.33
Khartoum	11.7.	11.70	-0.50	11.54	-0.46
Kh. el Girba	7.7.	11.30	-0.94	11.60	-0.58
Atbara	10.7.	10.66	-0.59	10.57	-0.62
Wadi Halfa	11.7.	1.78	-0.41	1.79	-0.53
Aswan Res.	10.7.	95.24	—	95.00	—
" D.S.	10.7.	85.62	-0.89	85.58	-0.90
El Leithi	11.7.	17.01	-0.41	17.00	-0.40
Roda (Cairo)	11.7.	15.79	+0.16	15.79	+0.17

PRINTED AT THE SURVEY OF EGYPT (929(29/68)/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١/٧/١٠ Barometer and Wind at 8 h. Yesterday 10.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١/٧/١٠ From Observations taken at 8 h. yesterday. 10.7.31.

	Barometer			Wind		Sky	Temperature							Humidity		Rainfall			Sea
	Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1018.6	+2.3	+3.8	NE	2	2	25	+3	—	31	—	18	—	30	—	—	—	709	—
MALTA	1015.7	0.0	-0.9	NNW	2	0	28	-1	—	34	+5	26	+5	80	—	0	338	427	2
ATHENS	1007.6	-4.2	-5.4	NW	3	0	34	+5	—	—	—	—	—	20	—	—	—	364	—
CANDIA	1007.5	-4.4	-4.7	—	0	0	34	+4	—	33	+4	22	0	—	—	0	519	459	1
LIMASSOL	1000.0	-3.4	-7.5	NW	1	0	37	+7		37	+5	23	+4	—	—	0	393	464	0

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WOR

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 h 03 m

" " sunset 18 h 58 m

From Observations taken at 8 h. to-day.

Sunday 12th July, 1931 ١٩٣١ الأحد ١٢ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1009.0	+2.8	−1.5	NNW	3	0	26.4	−1.2	+0.2	35	—	22	—	62	0	0	57	101	3
	MATRUH	1006.4	+1.8	−3.9	N	3	0	26.3	−0.1	+1.2	29	+1	25	+5	82	+4	0	179	158	4
	ALEXANDRIA	1005.1	+2.4	−4.7	NNW	1	3	26.2	0.0	+0.4	30	0	24	+2	87	+11	0	96	190	2
	PORT SAID	1004.0	+1.4	−4.3	NW	1	0	30.2	+2.1	+3.1	33	+2	23	0	61	−10	0	62	82	1
	GAZA																			
	HAIFA	1001.5	+1.2	−4.6	SSW	2	0	30.5	−0.1	+2.1	33	+2	22	+1	66	−3	0	665	647	1
LOWER EGYPT	TANTA	1005.0	+1.6	—	W	1	0	28.0	0.0	—	38	—	24	—	70	—	0	35	—	—
	CAIRO EZBEKIYA	1004.8	+1.6	−4.3	WNW	1	0	26.1	−0.6	+0.7	39	+4	24	+3	77	+4	0	17	34	—
	CAIRO GIZA	1005.4	+1.9	−4.6	NW	1	0	26.0	−1.0	—	40	+5	23	+4	82	—	0	21	31	—
	CAIRO HELWAN	1003.9	+0.5	−5.8	NNW	2	0	26.9	+1.9	+2.3	38	+3	23	+2	74	+8	0	19	35	—
	SIWA	1007.2	+1.3	−3.8	—	0	0	26.2	0.0	0.0	—	—	25	+5	73	+11	0	38	7	—
RED SEA	SUEZ	1003.0	+1.5	−5.5	N	2	0	28.4	+1.2	+2.4	38	+2	26	+3	70	−4	0	28	26	1
	TOR	1003.2	+1.6	−3.0	—	0	0	29.5	+1.0	+2.0	38	+4	22	−2	55	−19	0	11	14	0
	HURGHADA	1003.8	+1.8	—	NE	4	0	30.0	−0.9	—	37	—	23	—	59	—	0	0		2
	QOSSEIR	1003.2	+1.4	—	N	2	0	31.4	−3.3	—	36	—	26	—	66	—	0	15		1
UPPER EGYPT	GEBALI	1004.4	0.0	−5.4	NW	2	0	29.0	0.0	+1.6	39	+2	24	+4	58	−1	0	17		
	MINYA	1004.3	+0.8	—	N	2	0	28.5	+1.0	+2.1	39	+2	24	+3	70	+7				
	ASYUT	1004.4	+0.6	−4.2	W	2	0	30.0	+0.9	+2.3	40	+3	29	+6	49	+1	0	7		
	QENA	1003.5	+1.6	—	WNW	2	0	32.4	−1.1	+1.3	44	+3	24	0	27	−13				
	KHARGA	1004.4	+0.8	—	—	0	0	32.8	+1.5	—	43	—	23		32		0	1		
	ASWAN	1003.6	+1.0	−3.7	N	1	0	33.0	−0.6	+0.8	44	+2	26	0	30	−2	—			
SUDAN	WADI HALFA (MEROWE)	1004.2	+0.3	−3.6	SW	1	0	32.0	+1.4	+1.7	44	+3	24	0	25	+2	—			
	ATBARA																			
	KHARTOUM	1009.5	+2.9	+0.7	S	5	6	29.3	−2.2	+0.3	41	+1	27	+2	55	+1	0	5	33	
	FORT SUDAN	1004.8	+2.4	−0.2	NW	8	0	38.5	+1.9	+2.5	38	−3	29	+1	23	−16	0	29	112	.8
	KASSALA																			
	WADI MEDANI	1008.8	+2.0	−1.3	S	3	2	29.5	+1.0	+2.5	36	−1	25	+3	58	−8	0	39	108	
	ROSEIRES	1010.4	+2.4	−1.5	ENE	1	3	23.5	+0.5	−0.7	31	−2	22	+1	87	+11	3	274	293	
	EL FASHER																			
	EL OBEID	1010.4	+3.2	−1.3	SSW	3	4	27.2	−0.8	+1.2	36	+1	24	+2	67	−2	0	275	99	
	MALAKAL	1013.4	+1.5	+0.7	—	0	4	24.3	+0.3	−0.2	30	−1	23	+2	89	+6	0	278	425	
	ABO																			
	SUBI																			

General Situation الحالة الجوية

Upper Air Observation at noon at 8.30 m

Metres	Force	Direction
500	10	NE
1000	10	N
1500	15	W
2000	20	W
3000		

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	86	+13	24.8	+2.7
Ezbekiya	54	−4	23.7	+1.4
Giza	55	−2	23.4	—
Helwan	51	+5	21.8	+2.6

NOTE A dash means that figures are not available

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" " Abroad P.T. 150

Remarks

Juba river gauge reading for 22.3.31 published on 23/24.3.31 should read 13.39 m. instead of 13.29 m.

ملاحظة - صحة قراءة النهر بمقياس جوبا يوم ٢٢/٣/٣١ المذكورة بنشرية يومى ٢٣/٢٤/٣١ هى ١٣٫٣٩ بدلا من ١٣٫٢٩ مترا .

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
11.7	962	1235
10.7	920	1273

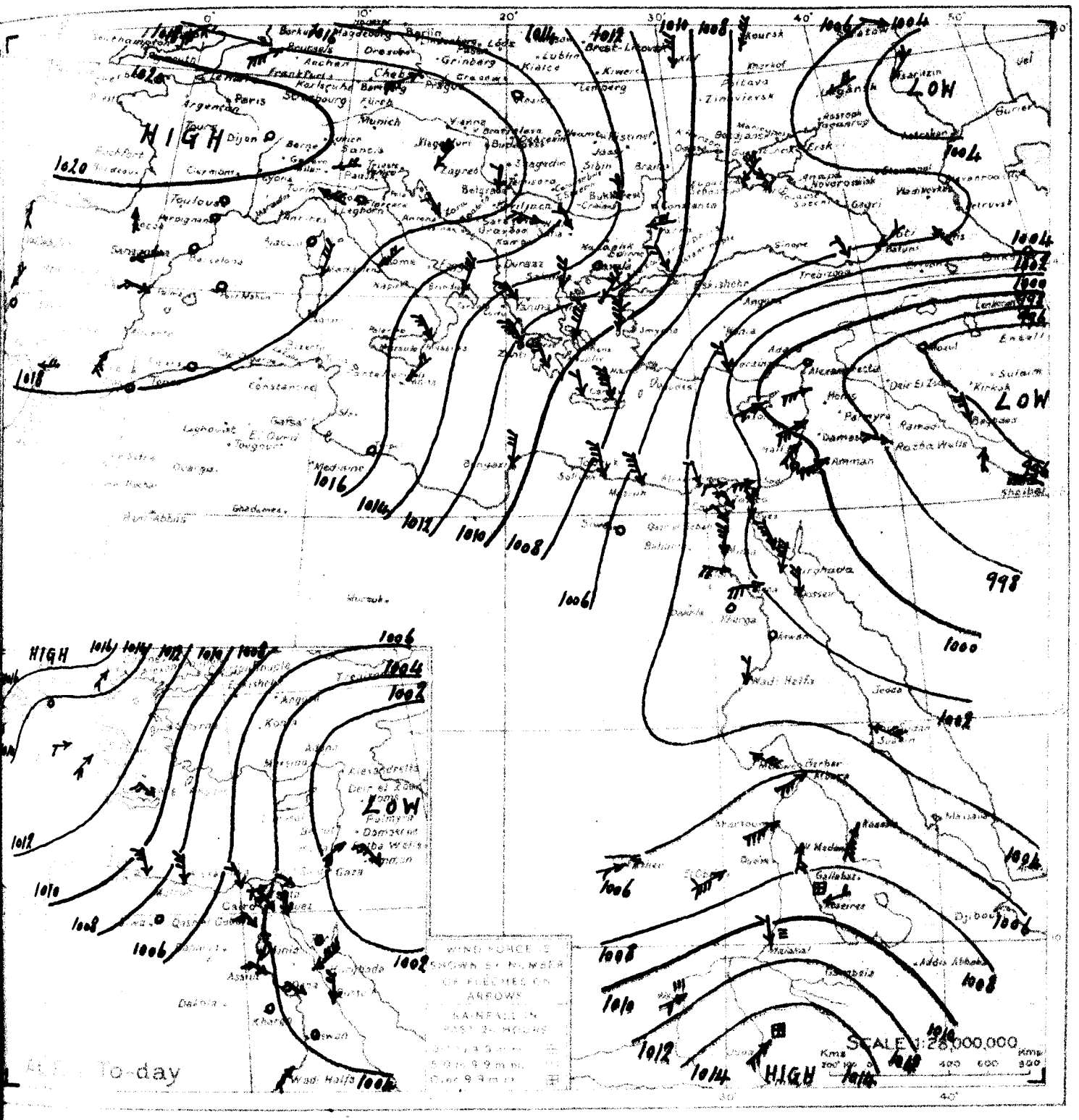
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	11.7	14.36	+0.81	13.81	+0.26
Nasser	11.7	8.87	−0.16	8.83	−0.17
Malakal	11.7	11.12	−0.15	11.10	−0.16
Roseires	11.7	14.08	−1.05	14.32	−0.76
Sennar Res.	11.7	7.17	—	7.00	—
Makwar	11.7	6.74	−1.36	6.59	−1.41
Khartoum	12.7	11.74	−0.53	11.70	−0.56
Kh. el Girba	7.7	11.30	−0.94	11.60	−0.58
Atbara	10.7	10.66	−0.59	10.57	−0.62
Wadi Halfa	12.7	1.81	−0.67	1.73	−0.61
Aswan Res.	11.7	95.38	—	95.24	—
" D.S.	11.7	85.70	−0.84	85.67	−0.89
El Leithi	12.7	17.07	−0.37	17.01	−0.41
Roda (Cairo)	12.7	15.79	+0.16	15.79	+0.16

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

.٢١ - V - ١١ Barometer and Wind at 8 h. Yesterday 11.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - V - ١١ From Observations taken at 8 h. yesterday 11.7.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C		°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.7	-1.9	+1.9	NE	2	0	25	0	—	32	—	19	—	50	—	—	—	709	—
	MALTA	1015.3	-0.4	-1.3	NE	2	0	27	-1	—	30	+1	25	+4	60	—	0	338	427	2
	ATHENS	1011.6	+4.0	-1.4	NNE	4	1	28	-6	—	—	—	—	—	40	—	—	—	364	—
	CANDIA	1008.6	+1.1	-3.4	NW	4	0	29	-5	—	35	+6	26	+4	—	—	0	519	459	5
	LIMASSOL	999.5	-0.5	-7.9	WSW	1	1	29	-8		38	+6	21	+2	—	—	0	393	464	3
EGYPT and SUDAN	Atbara	—	—	—	SW	3	0	35.0	0.0	+2.7	45	+4	29	+3	24	-5	0	0	18	—
	Kassala	1007.8	+1.5	-3.2	SSW	4	0	29.0	-3.0	+1.7	41	+6	26	+3	67	+5	0	22	88	—
	Wad Medani	1006.6	-3.2	-3.5	S	2	1	28.5	-1.0	+1.4	42	+5	24	+2	55	-10	0	39	104	—
	El Fasher	1006.6	-0.6	—	WSW	1	1	25.0	+1.0	-0.6	41	+5	22	+1	61	0	trace	39	68	—
	El Obeid	1007.2	+0.4	-4.4	SW	5	5	28.0	-1.0	+1.9	40	+5	22	0	58	-11	0	33	96	—
	Wau	1011.0	+1.1	-0.3	SW	1	0	24.2	-2.6	+0.4	33	+1	21	+1	66	-15	5	419	611	—
	Juba	1014.3	+2.7	—	SW	2	3	21.9	-2.8	—	31	—	18	—	90	—	14	647	596	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 h 03 m

" sunset 18 h 58 m

From Observations taken at 8 h. to-day.

Monday 13th July, 1931 ١٩٣١ الاثنين ١٣ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1012.2	+3.2	+1.7	NE	2	0	27.3	+0.9	+1.1	34	—	22	—	62	0	0	57	101	3
	MATRUH	1008.3	+1.9	-1.9	N	3	0	26.2	-0.1	+1.1	28	0	25	+4	79	0	0	179	158	4
	ALEXANDRIA	1006.6	+1.5	-3.1	NNW	1	1	25.9	-0.3	+0.1	30	0	24	+2	84	+8	0	96	190	1
	PORT SAID	1005.0	+1.0	-3.2	NW	3	0	29.9	-0.3	+2.7	34	+3	24	+1	72	+1	0	62	82	1
	GAZA	—	—	—	—	0	0	28.3	+0.9	+1.1	35	+5	24	+4	80	+8	0	251	376	—
	HAIFA	1001.8	+0.3	-4.3	SSW	3	0	31.3	+0.8	+2.9	33	+2	24	+3	65	-4	0	665	647	3
LOWER EGYPT	TANTA	1006.0	+1.0	—	NW	1	2	27.9	-0.1	—	39	—	23	—	74	—	0	35		—
	CAIRO: EZBEKIYA	1005.6	+0.8	-3.5	WNW	1	2	27.0	+0.9	+1.6	38	+3	24	+3	77	+4	0	17	34	—
	CAIRO: GIZA	1005.8	+0.4	-4.2	NNW	2	0	27.0	+1.0	—	38	+3	23	+4	76	—	0	21	31	—
	CAIRO: HELWAN	1005.9	+2.0	-3.7	NNW	2	0	25.3	-1.6	+0.7	38	+3	24	+3	77	+11	0	19	35	—
	SIWA	1008.4	+1.2	-2.6	—	0	0	26.7	+0.5	+0.5	—	—	24	+4	28	+6	0	38	7	—
RED SEA	SUEZ	1003.9	+0.9	-4.6	N	3	0	28.0	-0.4	+2.0	38	+2	25	+2	73	-1	0	28	26	2
	TOR	1003.1	-0.1	-3.1	W	1	0	30.0	+0.5	+2.5	33	-1	24	0	71	-3	0	11	14	1
	HURGHADA	1003.6	-0.2	—	NNW	4	0	30.9	+0.9	—	34	—	24	—	69	—	0	0		2
	QOSSEIR	1003.8	+0.6	—	NNE	4	0	31.0	-0.4	—	33	—	26	—	69	—	0	15		2
UPPER EGYPT	GEBALI	1006.8	+2.4	-2.9	NW	2	0	29.2	+0.2	+1.8	39	+2	24	+4	58	-1	0	17		
	MINYA	1004.7	+0.4	—	N	3	0	31.5	+3.0	+5.1	39	+2	25	+4	54	-10				
	ASYUT	1005.0	+0.6	-3.6	W	2	0	30.7	+0.7	+3.0	40	+3	24	+1	41	-7	0	7		
	QENA	1003.5	0.0	—	W	3	0	33.9	+1.5	+2.8	45	+4	27	+3	23	-17				
	KHARGA	1004.2	-0.2	—	—	0	0	32.8	0.0	—	42	—	23	—	35		0	1		
	ASWAN	1003.5	-0.1	-3.7	—	0	0	33.0	0.0	+0.8	46	+4	27	+1	34	+2	—	—	—	
NORTH SUDAN	WADI HALFA	1003.5	-0.7	-4.3	—	0	0	33.2	+1.2	+2.9	45	+4	25	+1	21	-2			—	
	MEROWE																			
	ATBARA	1009.3	+1.4	+1.6	S	4	1	34.0	-1.0	+1.9	42	+1	27	+1	24	-7	0	0	20	
	KHARTOUM	1008.7	-0.8	-0.1	SSW	3	3	27.1	-2.2	-1.8	40	+1	23	-2	57	+2	0	5	35	
EAST EQUATORIAL	PORT SUDAN	1004.7	-0.1	-0.3	E	3	0	37.8	-0.7	+1.8	46	+5	31	+3	29	-10	0	29	112	3
	KASSALA	1009.3	-1.0	-1.7	SW	2	2	26.0	0.0	-1.2	35	0	22	-1	84	+21	9	32	95	
	WAD MEDANI	1009.6	+0.8	-0.6	S	3	3	23.5	-6.0	-3.4	38	+1	21	-1	91	+25	18	57	111	
	ROSEIRES																			
SOUTH SUDAN	EL TASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Knots per hour	Direction
500	15	NE
1000	15	N
1500	20	N
2000	25	N
3000	15	WNW

General Situation — الحالة الجوية

Forecast for 24 hours from noon to-day. — تبدأ من الظهر حتى الظهر من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	88	+15	25.0	+2.9
Ezbekiya	57	-1	22.9	+0.6
Giza	59	+2	23.6	—
Helwan	51	+5	22.0	+2.7

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
13.7	1008	1284
12.7	986	1233

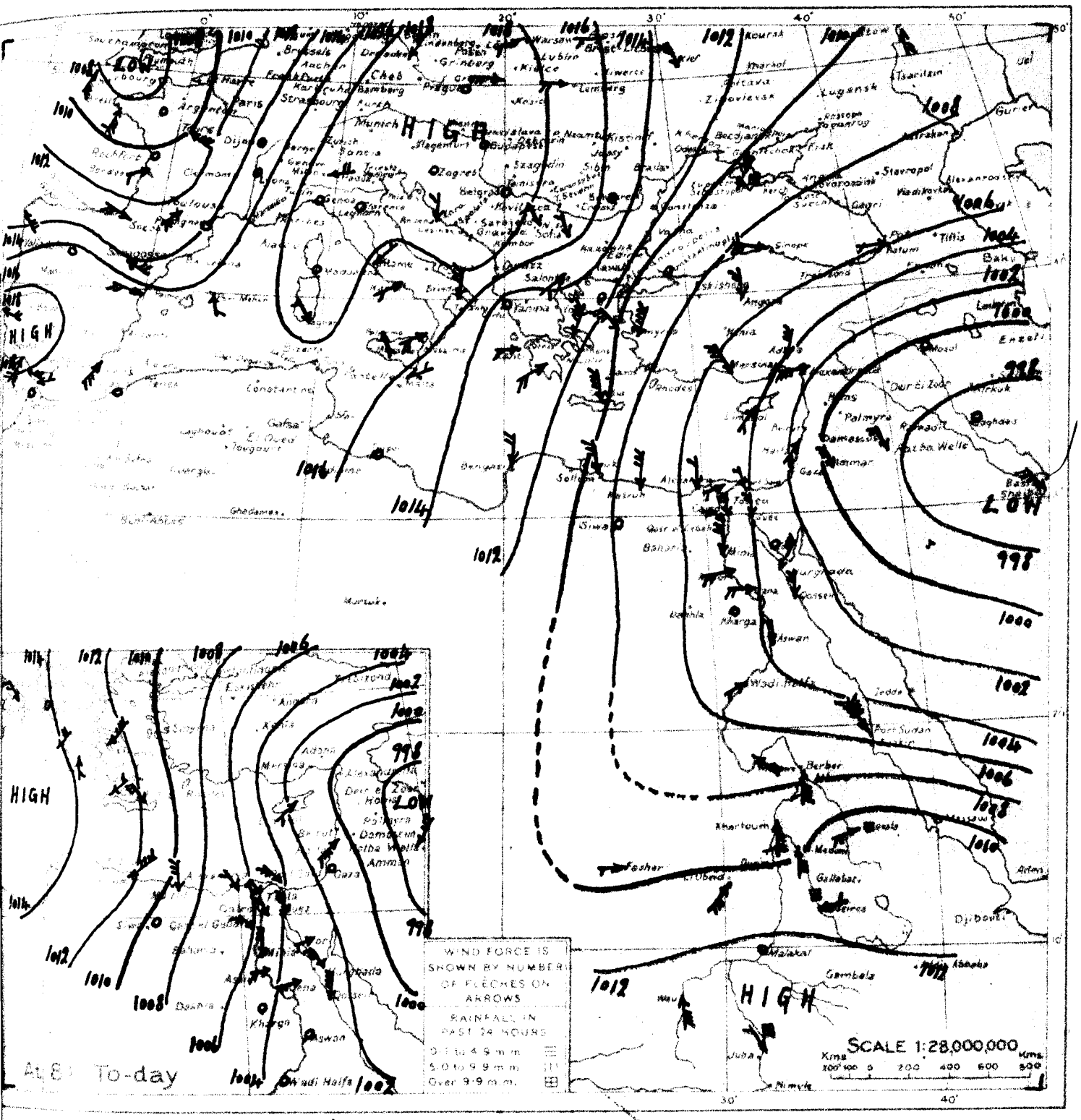
GAUGE	Date	Reading	Diff from normal	Previous: Reading	Previous: Diff from normal
	1931	m.	m.	m.	m.
Juba	12.7	14.18	+0.63	14.36	+0.81
Nasser	12.7	8.90	-0.15	8.87	-0.15
Malakal	12.7	11.13	-0.15	11.12	-0.15
Roseires	13.7	15.52	+0.18	14.74	-0.51
Sennar Res.	12.7	7.14	—	7.17	—
Makwar	12.7	6.70	-1.50	8.74	-1.36
Khartoum	13.7	11.74	-0.60	11.74	-0.53
Kh. el Girba	10.7	11.80	-0.58	12.70	+0.35
Atbara	12.7	10.88	-0.57	10.80	-0.53
Wadi Halfa	13.7	1.86	-0.68	1.81	-0.67
Aswan Res.	13.7	95.36	—	95.42	—
" D.S.	13.7	85.78	-0.82	85.74	-0.82
El Leithi	13.7	17.07	-0.39	17.07	-0.37
Roda (Cairo)	13.7	15.77	+0.13	15.79	+0.14

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢١-٧-١٢ Barometer and Wind at 8 h. Yesterday 12.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-١٢ From Observations taken at 8 h. yesterday. 12.7.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. night yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.8	+0.1	+2.0	NE	1	0	29	+4	—	33	—	22	—	30	—	—	—	710	—
	MALTA	1015.0	−0.3	−1.6	ENE	1	0	27	0	—	31	+2	23	+2	80	—	0	338	427	1
	ATHENS	1013.3	+1.7	+0.3	NNE	5	0	28	0	—	—	—	—	—	30	—	—	—	364	—
	CANDIA	1010.6	+2.0	−1.4	NW	4	0	27	−2	—	30	+1	24	+2	—	—	0	519	459	5
	LIMASSOL	1001.4	+1.9	−6.0	SSW	1	0	30	+1		32	0	21	+2	—	—	0	393	464	0
EGYPT and SUDAN	Merowe مروى	1006.3	+2.1	−1.7	SE	3	1	34.0	0.0	+1.1	45	+3	27	+1	24	−4	0	0	7	—
	Atbara عطبرة	1007.9	−0.4	+0.2	S	5	0	35.0	0.0	+2.8	44	+3	29	+3	26	−4	0	0	19	—
	Kassala كسلا	1010.3	+2.5	−0.7	SW	2	0	26.0	−3.0	−1.3	37	+2	22	−1	84	+22	1	23	91	—
	El Fasher الفاشر	—	—	—	W	1	1	26.5	+1.5	+1.0	33	+2	22	+1	59	−2	0	39	71	—
	Wau واو	1012.0	+1.0	+0.6	S	4	2	25.0	+0.8	+1.2	30	−2	22	+2	76	−5	0	419	617	—
	Juba جوبا	1013.9	−0.4	—	NW	1	2	22.3	+0.4	—	31	—	20	—	93	—	11	658	600	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 04

" " sunset 18 58

From Observations taken at 8 h. to-day.

Tuesday 14th July, 1931 — الثلاثاء ١٤ يوليه ١٩٣١

	STATION	Barometer: Reduced to Sea Level (m.b)	Barometer: Change in past 24 hours (m.b)	Barometer: Diff. from normal (m.b)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1009.9	-2.3	-0.6	N	2	0	26.6	-0.7	+0.4	35	—	21	—	56	-6	0	57	101	3
	MATRUH	1009.0	+0.7	-1.1	NNW	5	0	26.7	+0.5	+1.5	28	0	26	+5	86	+7	0	179	158	4
	ALEXANDRIA	1007.9	+1.3	-1.7	WNW	1	1	25.0	-0.9	-0.8	30	0	23	+1	80	+4	0	96	190	2
	PORT SAID	1007.5	+2.5	-0.6	W	2	0	27.3	-2.6	+0.1	34	+3	24	+1	72	0	0	62	82	1
	GAZA	—	—	—	—	0	1	28.4	+0.1	+1.1	32	+2	23	+3	76	+4	0	251	376	
	HAIFA	1003.1	+1.3	-3.0	SSW	1	0	30.8	-0.5	+2.3	34	+3	25	+3	65	-4	0	665	647	2
LOWER EGYPT	TANTA	1007.9	+1.9	—	SW	1	1	26.7	-1.2		38		22		71		0	35		
	CAIRO EZBEKIYA	1008.0	+2.4	-1.0	WNW	2	0	26.3	-0.7	+0.9	38	+3	23	+2	71	-2	0	17	34	
	CAIRO GIZA	1008.4	+2.7	-1.5	NW	2	0	26.0	-1.0	—	38	+3	21	+2	71	—	0	21	31	
	CAIRO HELWAN	1007.1	+1.2	-2.4	NNW	2	0	24.7	-0.6	+0.1	37	+2	22	+1	75	+8	0	19	35	
	SIWA	1009.3	+0.9	-1.7	—	0	0	26.5	-0.2	+0.3	—	—	21	+1	66	+4	0	38	7	
RED SEA	SUEZ	1005.5	+1.6	-3.0	N	3	0	27.0	-1.0	+1.0	38	+2	24	+1	69	-5	0	28	26	3
	TOR	1004.6	+1.5	-1.5	NW	4	0	29.0	-1.0	+1.4	36	+2	24	0	71	-3	0	11	14	4
	HURGHADA	1005.1	+1.5	—	NNW	5	0	31.4	+0.5		37		26		58		0	0		3
	QOSSEIR	1004.8	+1.0	—	N	5	0	32.5	+1.5	—	33	—	27	—	52		0	15		4
UPPER EGYPT	GEBALI	1007.6	+0.8	+2.1	NW	1	0	29.2	0.0	+1.8	39	+2	23	+3	57	-2	0	17		
	MINYA	1007.5	+2.8		N	4	0	29.0	-2.5	+2.6	38	+1	23	+2	58	-6				
	ASYUT	1007.4	+2.4	-1.1	W	2	0	29.0	-1.7	+1.3	40	+3	24	+1	54	+6	0	7		
	QENA	1005.1	+1.6	—	W	1	0	32.3	-1.6	+1.2	44	+3	27	+3	35	-5				
	KHARGA	1005.8	+1.6		NE	2	0	32.0	-0.8		42		26		38		0	1		
	ASWAN	1004.4	+0.9	-2.8	—	0	0	32.0	-1.0	-0.2	44	+2	28	+2	38	+6				
NILE VALLEY	WADI HALFA	1003.9	+0.4	-3.9	NE	1	0	34.0	+0.8	+3.7	46	+5	26	+2	25	+2				
	MEROWE	1003.8	-2.4	-4.2	S	3	0	34.0	+2.0	+1.2	44	+2	30	+4	36	+7	0	0	8	
	ATBARA	1008.8	-0.5	+1.0	SW	4	0	35.0	+1.0	+3.0	43	+2	28	+2	24	-8	0	0	21	
	KHARTOUM	1007.0	-1.7	-1.8	S	4	3	31.0	+3.9	+2.2	37	-2	27	+2	46	-10	0	5	37	
EAST SUDAN	PORT SUDAN	1004.7	0.0	-0.3	NW	1	0	38.9	+1.1	+2.9	46	+5	30	+2	23	-16	0	29	113	1
	KASSALA																			
	WAD MEDANI	1008.3	-1.3	-1.9	S	3	2	27.0	+3.5	+0.2	33	-3	23	+1	66	0	0	57	115	
	ROSEIRES	1011.2	+1.7	-0.8	ENE	1	3	23.5	-1.5	-0.6	30	-3	22	+1	87	+10	0	274	305	
KORDOFAN	EL FASHER	1007.1	-0.4		WNW	1	2	25.0	-2.0	-0.3	39	+3	22	+1	58	-4	drops	39	78	
	EL OBEID	1009.1	-0.9	-2.7	SW	3	4	24.3	-1.5	-1.6	34	-1	21	-1	81	+10	0	311	104	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observation at Helwan at 8 h. 30 m.

Height (metres)	Knts per hour	Direction
500	10	N
1000	5	W
1500	10	S
2000	20	WSW
3000	10	NW

General Situation — الحالة الجوية

Forecast for 24 hours from noon to-day. — [illegible]

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	88	+15	24.7	+2.5
Ezbekiya	59	+1	23.3	+0.9
Giza	56	-1	22.9	—
Helwan	51	+5	21.4	+2.0

NOTE A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
13-7	1008	1284
12-7	986	1233

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff.
Juba	13-7	14.02	+0.47	14.18	+0.63
Nasser	12-7	8.90	-0.15	8.87	-0.15
Malakal	13-7	11.16	-0.13	11.13	-0.15
Roseires	14-7	14.14	-1.34	15.52	+0.18
Sennar Res.	12-7	7.14	—	7.17	—
Makwar	12-7	6.70	-1.50	6.74	-1.36
Khartoum	13-7	11.74	-0.60	11.74	-0.53
Kh. el Girba	12-7	11.70	-0.72	11.80	-0.60
Atbara	13-7	10.87	-0.60	10.88	-0.52
Wadi Halfa	14-7	1.93	-0.67	1.86	-0.68
Aswan Res.	13-7	95.36	—	95.42	—
" D.S.	13-7	85.78	-0.82	85.74	-0.82
El Leithi	14-7	17.07	-0.42	17.07	-0.39
Roda (Cairo)	14-7	15.79	+0.13	15.77	+0.13

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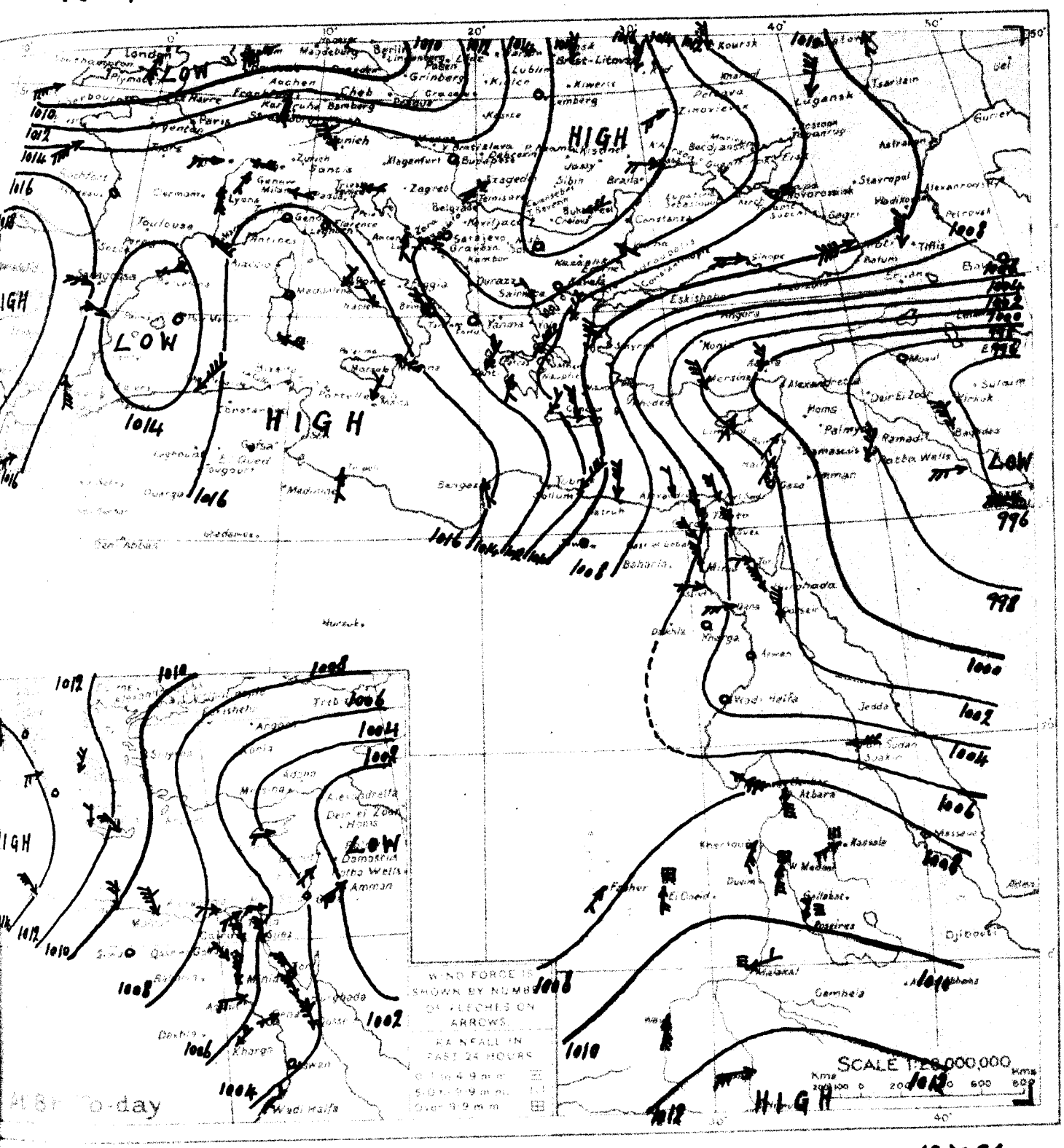
PHYSICAL DEPARTMENT.

REPORT.

١٣-٧-٣١. Barometer and Wind at 8 h. Yesterday 13.7.31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Haziness	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Small	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

١٣-٧-٣١. From Observations taken at 8 h yesterday. 13.7.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.7	-0.1	+1.9	NE	1	0	29	0	—	35	—	19	—	30	—	—	—	710	—
	MALTA	1016.0	+1.0	-0.6	NE	1	0	27	0	—	32	+3	24	+3	70	—	0	338	427	2
	ATHENS	1013.0	-0.3	0.0	NE	4	0	29	+1	—	—	—	—	—	20	—	—	—	365	—
	CANDIA	1011.1	+0.5	-0.8	NW	3	0	27	0	—	32	+3	24	+2	—	—	0	519	459	5
	LIMASSOL	1001.6	+0.2	-5.6	SSW	1	0	32	+2		35	+2	22	+3	—	—	0	393	464	0
EGYPT and SUDAN	Merowe	1006.2	-0.1	-1.8	SE	6	2	32.0	-2.0	-0.9	43	+1	28	+2	36	+8	0	0	7	—
	Roseires	1009.5	-0.9	-2.5	NNE	1	2	25.0	+1.5	+0.9	32	-1	22	+1	76	0	trace	274	299	—
	El Fasher	1007.5	—	—	SSW	1	2	27.0	+0.5	+1.6	38	+2	23	+2	52	-10	0	39	75	—
	El Obeid	1010.0	-0.4	-1.7	S	2	4	25.8	-1.4	-0.1	35	0	18	-4	76	+6	36	311	101	—
	Malakal	1011.4	-2.0	-1.3	ENE	1	4	24.8	+0.5	+0.3	33	+2	23	+2	90	+7	3	281	431	—
	Wau	1010.4	-1.6	-1.0	S	3	3	25.0	0.0	+1.2	33	+1	23	+3	84	+3	0	419	623	—
	Juba	1012.0	-1.9	—	W	3	4	24.3	+2.0	—	31	—	21	—	86	—	0	658	605	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY W

CAIRO, to-morrow

Time of sunrise 05 04

" " sunset 18 57

From Observations taken at 8 h. to-day.

Wednesday 15th July, 1931 ١٩٣١ الأربعاء ١٥ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st October	Rainfall: Total same date last year	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.9	+2.0	+1.5	W	2	0	23.6	−3.0	−2.7	31		21		81	+19	0	57	101	3
	MATRUH	1011.6	+2.6	+1.6	NNW	2	0	26.1	−0.6	+0.9	28	0	24	+3	78	−1	0	179	158	4
	ALEXANDRIA	1010.4	+2.5	+0.8	NW	1	2	25.7	+0.7	−0.2	30	0	23	+1	86	+10	0	96	190	1
	PORT SAID	1009.6	+2.1	+1.5	NW	2	0	28.4	+1.1	+1.2	32	+1	22	−1	72	0	0	62	82	1
	GAZA	—	—	—	—	0	2	27.9	−0.5	+0.6	32	+2	22	+2	77	+5	0	251	376	
	HAIFA	1006.2	+3.1	+0.2	—	0	0	30.7	−0.1	+2.1	33	+2	25	+3	65	−4	0	665	647	1
LOWER EGYPT	TANTA	1010.3	+2.4	—	N	1	3	26.5	−0.2		35		21		79		0	35		
	CAIRO EZBEKIYA	1009.6	+1.6	+0.6	NNE	2	0	25.8	−0.5	+0.4	37	+2	23	+2	70	−3	0	17	34	
	CAIRO GIZA	1010.0	+1.6	+0.1	NNW	3	0	25.2	−0.8	—	37	+2	21	+2	74	—	0	21	31	
	CAIRO HELWAN	1009.5	+2.4	+0.1	N	3	0	24.2	−0.5	−0.4	36	+1	21	0	69	+2	0	19	35	
	SIWA	1011.1	+1.8	+0.2	—	0	0	25.2	−1.3	−1.0	—	—	21	+1	66	+4	0	38	7	
RED SEA	SUEZ	1007.5	+2.0	−0.9	N	3	0	26.2	−0.8	+0.1	36	0	24	+1	79	+5	0	28	26	2
	TOR	1006.2	+1.6	+0.1	NW	4	0	28.6	−0.4	+1.0	37	+3	25	+1	73	−1	0	11	14	4
	HURGHADA	1006.4	+1.3	—	NNW	5	0	31.6	+0.2	—	36		26		51		0	0		3
	QOSSEIR	1006.6	+1.8	—	N	3	0	31.8	−0.7	—	35	—	28	—	57		0	15		2
UPPER EGYPT	GEBALI	1010.4	+2.8	+0.8	NW	2	0	26.5	−2.7	−0.9	38	+1	21	+1	61	+2	0	17		
	MINYA	1008.4	+0.9	—	NNE	3	0	27.5	−1.5	+1.1	37	0	21	0	71	+7				
	ASYUT	1008.4	+1.0	0.0	W	2	0	27.9	−1.1	+0.2	38	+1	22	−1	49	+1	0	7		
	SOHAG	1007.0	+1.9	—	WSW	3	0	33.0	+0.7	+1.9	44	+3	25	+1	24	−16				
	KHARGA	1006.7	+0.9	—	NE	1	0	32.6	+0.6	—	41		25		30		0	1		
	ASWAN	1006.8	+2.4	−0.4	NNE	1	0	32.3	+0.3	+0.1	43	+1	29	+3	23	−9				
NILE VALLEY	WADI HALFA	1005.5	+1.6	−2.3	NNE	2	0	33.6	−0.4	+3.3	46	+5	29	+5	23	0				
	WADI HOWE																			
	KHARTOUM	1011.5	—	+3.7	S	3	1	29.0	−6.0	−2.9	42	+1	24	−2	29	−3	3	3	21	
	SENNAR DAM	1010.3	+3.3	+1.5	SE	4	4	25.2	−5.8	−3.6	38	−1	24	−1	74	+17	drops	5	38	
	FORT SUDAN	1005.8	+1.1	+0.8	NW	6	3	37.9	−1.0	+1.9	45	+4	34	+6	27	−12	0	29	113	6
	KASSALA																			
	WAD MEDANI																			
	KORMA																			
	ATBARA	1007.2	+0.1		WSW	2	0	26.5	+1.5	+1.3	37	+2	22	+1	63	0	0	39	82	
	SOBEIA	1010.4	+1.3	−1.4	WSW	2	4	25.7	+1.4	−0.1	34	0	23	+1	71	0	0	311	107	
	MALAKAL	1013.4	+1.1	+0.7	SE	1	4	24.3	+1.3	−0.1	29	−2	22	+1	85	+2	0	281	443	
	WAU																			
	JUBA																			

Upper Air Observations

Ascent at 8.30

Height (Metres)	Kms. per hour	Direction
500	20	NNE
1000	35	NNE
1500	10	N
2000	10	NE
3000	10	NE

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	82	+9	23.7	+1.5
Ezbekiya	52	−6	21.6	−0.8
Giza	51	−6	21.2	—
Helwan	48	+2	20.3	+0.9

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

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

DATE	1931	1930
14.7	1005	1288
13.7	1008	1284

GAUGE	Date 1931	Reading m	Diff. from normal m	Rise m	
Juba	14.7	14.62	+1.06	14.02	+0.47
Nasser	14.7	8.95	−0.16	8.92	−0.15
Malakal	14.7	11.77	−0.13	11.76	−0.13
Roseires	15.7	14.86	−0.76	14.74	−1.34
Sennar Res.	14.7	7.16	—	7.06	—
Makwar	14.7	6.76	−1.64	6.62	−1.68
Khartoum	15.7	11.82	−0.76	11.78	−0.66
Kh. el Girba	14.7	12.10	−0.36	11.20	−0.64
Atbara	14.7	10.92	−0.62	10.87	−0.60
Wadi Halfa	15.7	1.97	−0.73	1.93	−0.67
Aswan Res.	14.7	95.26	—	95.36	—
" D.S.	14.7	85.78	−0.87	85.78	−0.82
El Leithi	15.7	17.05	−0.46	17.07	−0.42
Roda (Cairo)	15.7	15.77	+0.12	15.79	+0.15

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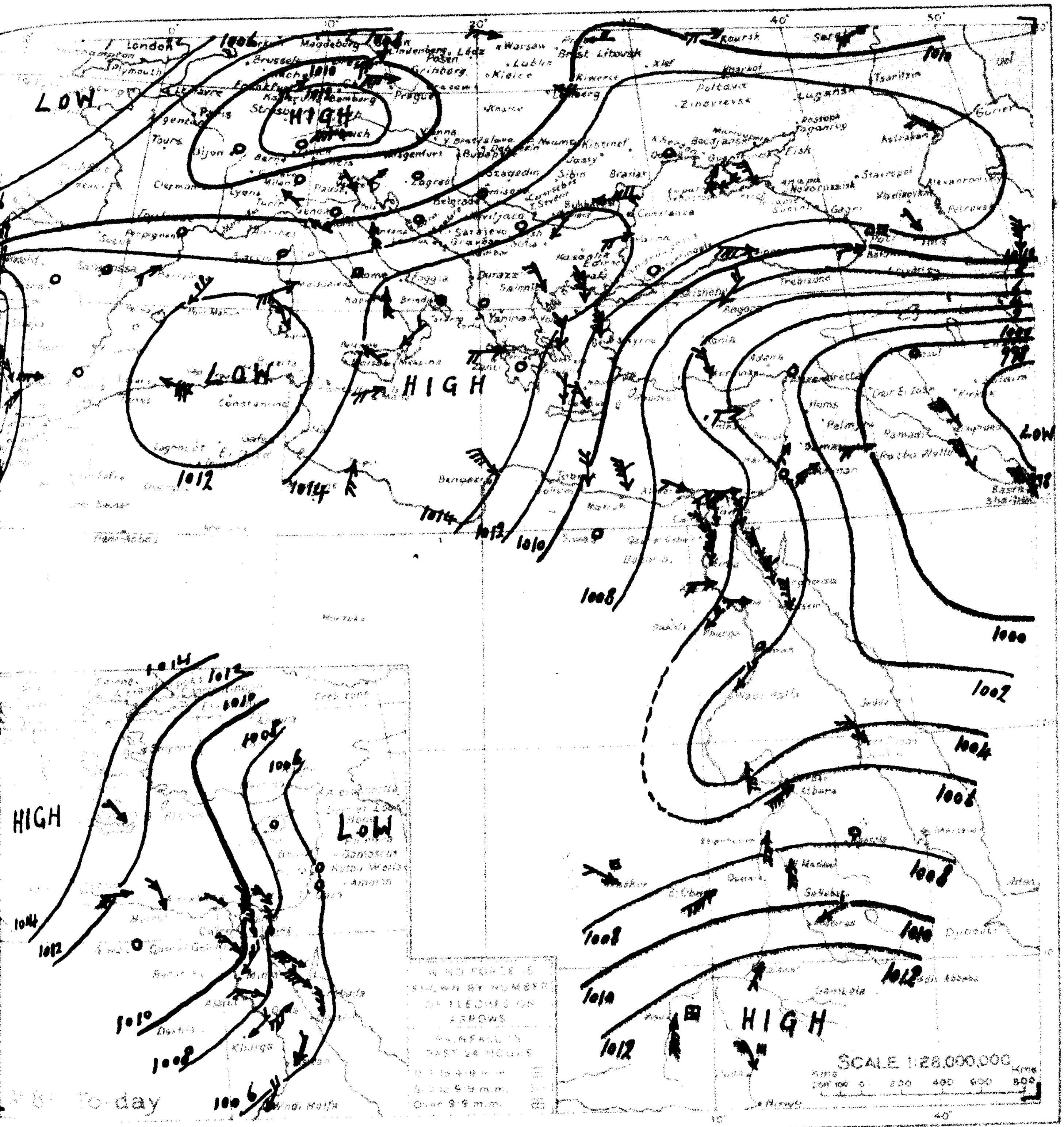
PHYSICAL DEPARTMENT.

REPORT.

.٣١ - ٧ - ١٤ Barometer and Wind at 8 h. Yesterday 14.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١ - ٧ - ١٤ From Observations taken at 8 h. yesterday 14.7.31.

	Station	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1 to yesterday (m.m.)	Rainfall: Normal from Oct. 1 to yesterday (m.m.)	Sea
MEDITERRANEAN	ROME	1013.5	+3.2	-1.3	—	0	0	29	0	—	35	—	19	—	30	—	—		711	—
	MALTA	1015.3	-0.7	-1.3	W	2	0	28	+1	—	30	0	24	+3	60	—	0	338	427	0
	ATHENS	1013.4	+0.4	+0.4	NNE	2	0	29	0	—	—	—	—	—	30	—	—	—	365	—
	CANDIA	1011.9	+0.8	0.0	NW	2	1	28	+1	—	30	+1	24	+2	—	—	0	519	459	4
	LIMASSOL	1002.7	+1.1	-4.4	W	1	0	33	+1		36	+3	23	+4	—	—	0	393	464	1
EGYPT and SUDAN	Kassala كسلا	1007.4	-1.9	-3.7	—	0	0	27.0	+1.0	-0.1	36	+1	24	+1	69	+6	0	32	98	—
	Malakal ملكال	1012.3	+0.9	-0.4	SSW	1	4	23.0	-1.8	-1.5	31	0	21	0	88	+5	0	281	437	—
	Wau واو	1012.6	+2.2	+1.2	S	4	4	21.0	-4.0	-2.7	31	-1	19	-1	91	+9	55	474	630	—
	Juba جوبا	1013.5	+1.5	—	NW	3	2	22.5	-1.8	—	—	—	19	—	95	—	7	665	609	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 05

" sunset 18 57

From Observations taken at 8h. to-day.

Thursday 16th July 1931 ١٩٣١ الخميس ١٦ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.3	+0.4	+1.9	ESE	1	0	25.6	+2.0	-0.7	31		19		64	+2	0	57	101	1
	MATRUH	1011.9	+0.3	+1.9	NNW	3	0	25.8	-0.3	+0.5	29	+1	20	-1	77	-2	0	179	158	3
	ALEXANDRIA	1010.4	0.0	+0.8	N	1	2	26.0	+0.3	+0.1	30	0	23	0	86	+10	0	96	190	1
	PORT SAID	1009.8	+0.2	+1.7	N	2	0	28.4	0.0	+1.1	33	+2	24	+1	75	+3	0	62	82	1
	GAZA	—	—	—	—	0	0	27.6	-0.3	+0.3	31	+1	20	0	80	+8	0	251	376	
	HAIFA	1006.8	+0.6	+0.8	—	0	0	32.1	+1.4	+3.4	35	+4	25	+3	67	-2	0	665	647	1
LOWER EGYPT	TANTA	1010.2	-0.1		N	1	0	28.0	+1.5		37		21		66		0	35		
	CAIRO EZBEKIYA	1009.9	+0.3	+0.9	NNE	3	0	26.8	+1.0	+1.4	37	+2	23	+2	77	+4	0	17	34	
	CAIRO GIZA	1010.2	+0.2	+0.4	NNW	2	1	25.3	+0.1	—	36	+1	20	+1	83	—	0	21	31	
	CAIRO HELWAN	1009.3	-0.2	0.0	NNE	2	0	28.7	+4.5	+4.0	37	+2	23	+2	41	-26	0	19	35	
	SIWA	1011.5	+0.4	+0.6	—	0	0	24.5	-0.7	-1.7	38	-5	20	0	66	+4	0	38	7	
RED SEA	SUEZ	1008.0	+0.5	-0.4	N	3	0	27.5	+1.3	+1.4	36	0	24	+1	68	-6	0	28	26	2
	TOR	1006.0	-0.2	-0.1	NW	4	0	29.0	+0.4	+1.3	34	0	21	-3	71	-3	0	11	14	4
	HURGHADA	1007.1	+0.7	—	NNW	5	0	31.2	-0.4	—	35	—	24		42		0	0		3
	QOSSEIR	1006.3	-0.3	—	NNW	4	0	31.9	+0.1	—	35	—	27		47		0	15		3
UPPER EGYPT	GEBALI	1010.4	0.0	+0.9	NW	3	0	28.4	+1.9	+0.9	38	+1	23	+3	52	-7	0	17		
	MINYA	1008.3	-0.1		NNW	2	0	27.5	0.0	+1.1	37	0	22	+1	60	-4				
	ASYUT	1007.9	-0.5	-0.5	WNW	2	0	28.7	+0.8	+1.0	37	0	24	+1	42	-6	0	7		
	QENA	1006.7	-0.3		W	2	0	30.8	-2.2	-0.3	43	+2	25	+1	34	-6				
	KHARGA	1008.6	+1.9		—	0	0	30.0	-2.6		40		24		39		0	1		
	ASWAN	1006.0	-0.8	-1.2	—	0	1	32.0	-0.3	-0.2	43	+1	27	+1	20	-12				
NORTH SUDAN	WADI HALFA	1006.6	+1.1	-1.2	—	0	0	31.6	-2.0	+1.2	44	+3	25	+1	20	-3				
	MEROWE	1007.2	+0.5	-0.8	SE	5	3	30.5	-1.5	-2.2	45	+3	28	+2	47	+16	0	0	8	
	ATBARA																			
	KHARTOUM	1010.4	+0.1	+1.6	S	3	1	27.0	+1.8	-1.6	32	-7	23	-2	61	+4	drops	5	40	
CENTRAL SUDAN	PORT SUDAN	1005.6	-0.2	+0.6	E	1	0	37.6	-0.3	+1.6	44	+3	32	+4	32	-7	0	29	113	1
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.5	-0.8	-2.5	NE	1	3	24.5	+2.0	+0.5	30	-3	21	0	80	+3	0	278	317	
SOUTHERN SUDAN	EL FASHER																			
	EL OBEID																			
	MELAKAL	1013.0	-0.4	+0.2	SSE	1	2	24.1	-0.2	-0.3	29	-2	21	0	87	+3	16	297	449	
	WAU																			
	JUBA	1013.3	-1.3		SW	4	4	21.2	-1.2		29		18		94		12	677	618	

Upper wind observation at Helwan at 8 30

Height (metres)	Km. per hour	Direction
500	25	NE
1000	45	NE
1500	40	NE
2000	15	NE
3000	30	NE

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

توقعات الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	86	+13	24.5	+2.2
Ezbekiya	48	-10	21.4	-1.0
Giza	49	-8	21.5	—
Helwan	43	-3	19.5	0.0

NOTE A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

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

DATE	1931	1930
15.7	1005	1455
14.7	1005	1288

GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	15.7	14.01	+0.44	14.62	+1.06
Nasser	15.7	8.99	-0.15	8.95	-0.16
Malakal	15.7	11.18	-0.14	11.17	-0.13
Roseires	16.7	14.52	-1.26	14.86	-0.76
Sennar Res.	14.7	7.16	—	7.02	—
Makwar	14.7	6.76	-1.64	6.62	-1.78
Khartoum	16.7	11.85	-0.76	11.82	-0.79
Kh. el Girba	15.7	12.80	+0.30	12.10	-0.36
Atbara	15.7	11.02	-0.61	10.92	-0.62
Wadi Halfa	16.7	1.99	-0.81	1.97	-0.73
Aswan Res.	15.7	95.19	—	95.26	—
" D.S.	15.7	85.78	-0.94	85.78	-0.87
El Leithi	16.7	17.04	-0.50	17.05	-0.46
Roda (Cairo)	16.7	15.75	+0.09	15.77	+0.12

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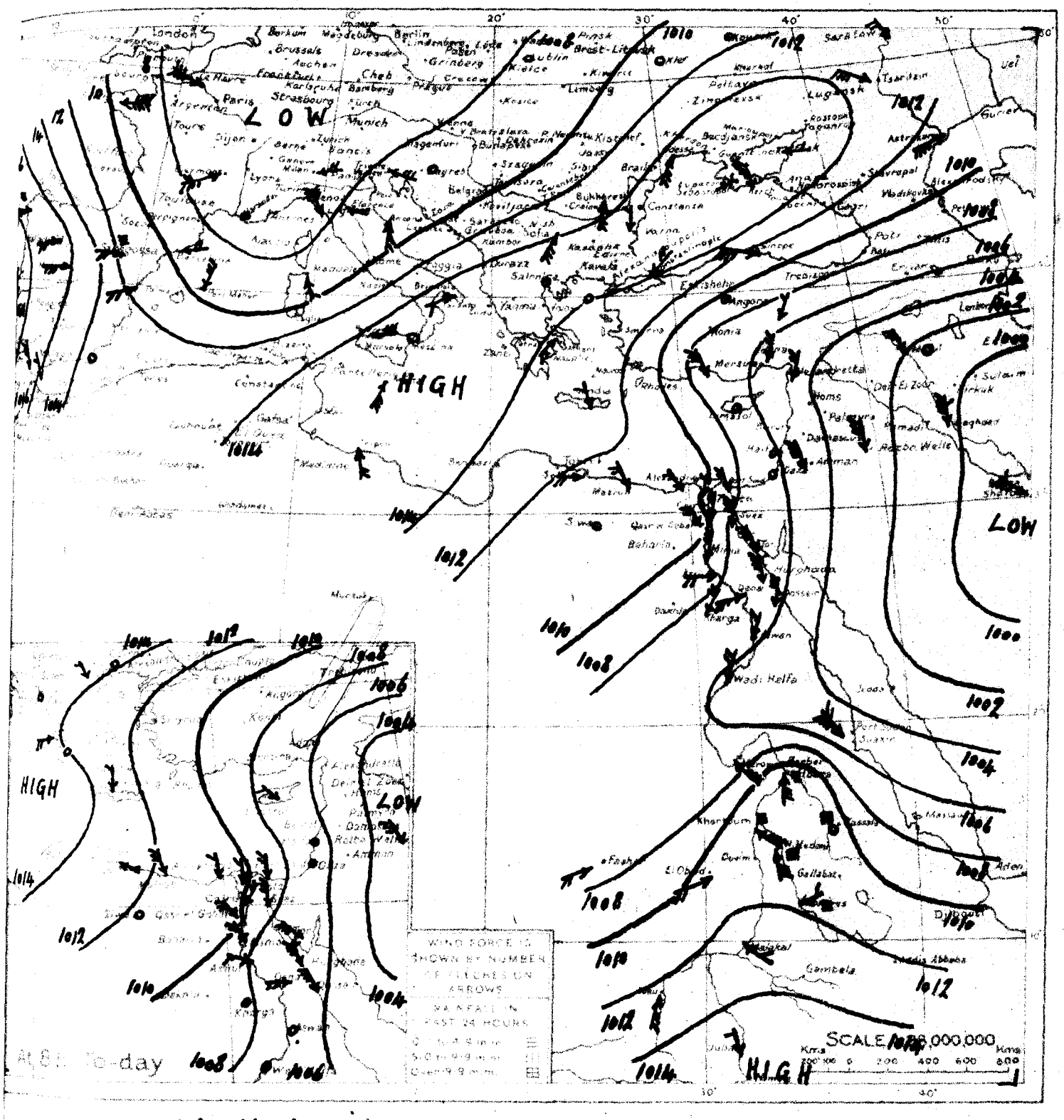
PHYSICAL DEPARTMENT.

REPORT.

.٢١-٧-١٠ Barometer and Wind at 8 h. Yesterday 15.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٧-١٠ From Observations taken at 8 h yesterday. 15.7.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME									—		—		—		—		—		—
	MALTA	1014.8	-0.5	-1.8	SSW	3	0	27	-1	—	33	+3	23	+2	70	—	0	338	427	2
	ATHENS	1013.8	+0.4	+0.8	SSW	2	0	28	-1	—	—	—	—	—	40	—	—	—	365	—
	CANDIA	1013.5	+1.6	+1.7	NW	1	0	29	+1	—	30	+1	22	0	—	—	0	519	459	2
	LIMASSOL	1006.2	+3.5	-0.8	—	0	0	33	0		36	+3	20	+1	—	—	0	393	464	0
EGYPT and SUDAN	Meroweh	1006.7	+2.9	-1.3	SE	4	1	32.0	-2.0	-0.8	46	+4	28	+2	38	+8	0	0	8	—
	Kassala	1010.7	+3.3	-0.4	—	0	5	23.0	-4.0	-4.0	36	+1	20	-3	100	+36	19	51	101	—
	Wad Medani	1011.5	+3.2	+1.2	S	3	3	22.0	-5.0	-4.7	36	0	19	-3	44	-22	15	132	119	—
	Rosaires	1010.3	-0.9	-1.7	NE	1	2	22.5	-1.0	-1.5	30	-3	22	+1	87	+10	4	278	311	—
	Wau	1012.0	-0.6	+0.6	S	3	2	24.2	+3.2	+0.5	32	-4	20	0	87	0	0	474	636	—
	Juba	1014.6	+1.1	—	NW	1	4	22.4	-0.1	—	28	—	19	—	95	—	0	565	614	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 06m

" " sunset 18h 57m

From Observations taken at 8h. to-day.

Friday 17th July, 1931 ١٩٣١ الجمعة ١٧ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.3	−2.0	−0.1	NNW	2	0	26.7	+1.1	+0.4	32	—	21	—	74	+12	0	57	101	3
	MATRUH	1010.7	−1.2	+0.8	N	3	3	25.0	−0.8	−0.3	28	0	20	−1	90	+11	0	179	158	3
	ALEXANDRIA	1009.3	−1.1	−0.3	N	1	0	26.1	+0.1	+0.1	31	+1	23	0	84	+8	0	96	190	1
	PORT SAID	1007.2	−2.6	−0.8	NNW	1	0	29.4	+1.0	+2.1	33	+2	25	+2	69	−3	0	62	82	0
	GAZA	—	—	—	SW	1	1	28.4	+0.8	+1.0	34	+4	22	+2	79	+7	0	251	376	—
	HAIFA	1005.0	−1.8	−1.0	SSW	1	0	31.5	−0.6	+2.7	35	+4	26	+4	66	−3	0	665	647	1
LOWER EGYPT	TANTA	1009.5	−0.7	—	SW	1	3	25.0	−3.0	—	38	—	22	—	87		0	35		—
	CAIRO EZBEKIYA	1009.1	−0.8	+0.1	NNW	2	2	25.8	−1.0	+0.3	37	+2	22	+1	76	+3	0	17	34	—
	CAIRO GIZA	1009.0	−1.2	−0.8	NNW	2	0	25.5	+0.2	—	37	+2	19	0	80	—	0	21	31	—
	CAIRO HELWAN	1008.0	−1.3	−1.3	N	3	0	25.1	−3.6	+0.4	37	+2	21	0	71	+4	0	19	35	—
	SIWA	1011.4	−0.1	+0.5	—	0	0	25.0	+0.5	−1.2	39	+1	19	−2	58	−4	0	32	7	—
RED SEA	SUEZ	1007.6	−0.4	−0.8	N	3	0	26.5	−1.0	+0.4	37	+1	24	+1	80	+6	0	28	26	3
	TOR	1005.4	−0.6	−0.7	NW	5	0	28.1	−0.9	+0.4	34	0	25	+1	71	−3	0	11	14	5
	HURGHADA	1005.4	−1.7	—	NNW	5	0	31.2	0.0	—	34	—	26	—	41		0	0		2
	QOSSEIR																			
UPPER EGYPT	GEBALI	1009.9	−0.5	+0.5	NW	1	0	27.0	−1.4	−0.5	38	+1	21	+1	61	+2	0	17		
	MINYA	1008.2	−0.1	—	N	3	0	26.5	−1.0	+0.1	38	+1	20	−1	69	+5				
	ASYUT	1007.6	−0.3	−0.8	WNW	2	0	28.0	−0.7	+0.3	39	+2	24	+1	49	+1	0	7		
	QENA	1005.8	−0.9	—	WSW	3	0	31.8	+1.0	+0.7	43	+2	28	+4	29	−11				
	KHARGA	1007.4	−1.2	—	N	1	0	32.4	+2.4		41		26		40		0	1		
	ASWAN	1005.6	−0.4	−1.6	—	0	0	34.0	+2.0	+1.8	45	+3	29	+3	27	−5				
NORTH SUDAN	WADI HALFA	1006.2	−0.4	−1.6	—	0	0	34.6	+3.0	+4.2	45	+4	25	+1	16	−7				
	MEROWE	1006.8	−0.4	−1.2	SE	3	0	34.0	+3.5	+1.4	41	−1	29	+2	33	+2	0	0	9	
	ATBARA	1009.9	−0.4	+2.0	S	3	0	34.0	+4.0	+2.4	39	−1	27	+1	24	−9	0	3	23	
	KHARTOUM	1009.6	−0.8	+0.7	SSW	4	0	28.4	+1.4	−0.1	36	−3	26	+1	60	+2	drops	5	41	
CENTRAL SUDAN	PORT SUDAN	1005.3	−0.3	+0.3	NW	1	1	40.2	+2.6	+4.1	43	+2	31	+3	24	−15	0	29	114	1
	KASSALA	1010.3	+0.1	−0.9	S	2	[illegible]	27.0	−0.5	+0.1	33	−2	22	−1	69	+5	0	51	108	
	WAD MEDANI	—	—	—	S	2	1	28.4	+3.4	+1.9	36	0	22	0	27	—	0	132	126	
	ROSEIRES	1012.0	—	0.0	NE	1	3	22.0	−2.5	−1.9	32	−1	21	0	91	+14	4	282	322	
SOUTH SUDAN	EL FASHER	1007.6	0.0	—	SW	1	0	27.0	+0.5	+2.0	36	+1	22	+1	60	−4	0	39	89	
	EL OBEID	1009.8	−0.4	−2.1	SW	2	1	27.5	+1.5	+1.8	34	0	22	0	65	−7	0	311	113	
	MALAKAL	1011.9	−1.1	−0.9	SE	1	1	25.9	+1.8	+1.5	30	−1	22	+1	78	−6	0	297	455	
	WAU	1010.8	+0.2	−0.6	S	3	2	25.9	+1.9	+2.2	31	−1	22	+2	77	−5	0	475	649	
	UGBA	1013.5	+0.2		SSW	1	1	22.5	+1.3		28		18		95		0	677	623	

Upper Air Observations at Helwan at 8 h. m.

Height (metres)	Kind of Balloon	Direction
500		
1000		
1500		
2000		
3000		

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yester day	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	88	+15	24.8	+2.5
Ezbekiya	55	−5	22.5	0.0
Giza	57	−1	21.9	—
Helwan	29	−18	19.8	+0.3

NOTE. A dash means that figures are not available.

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Remarks

Discharges at Aswan, measured by sluices m³ per sec

DATE	1931	1930
17.7	1050	1662
16.7	1026	1500

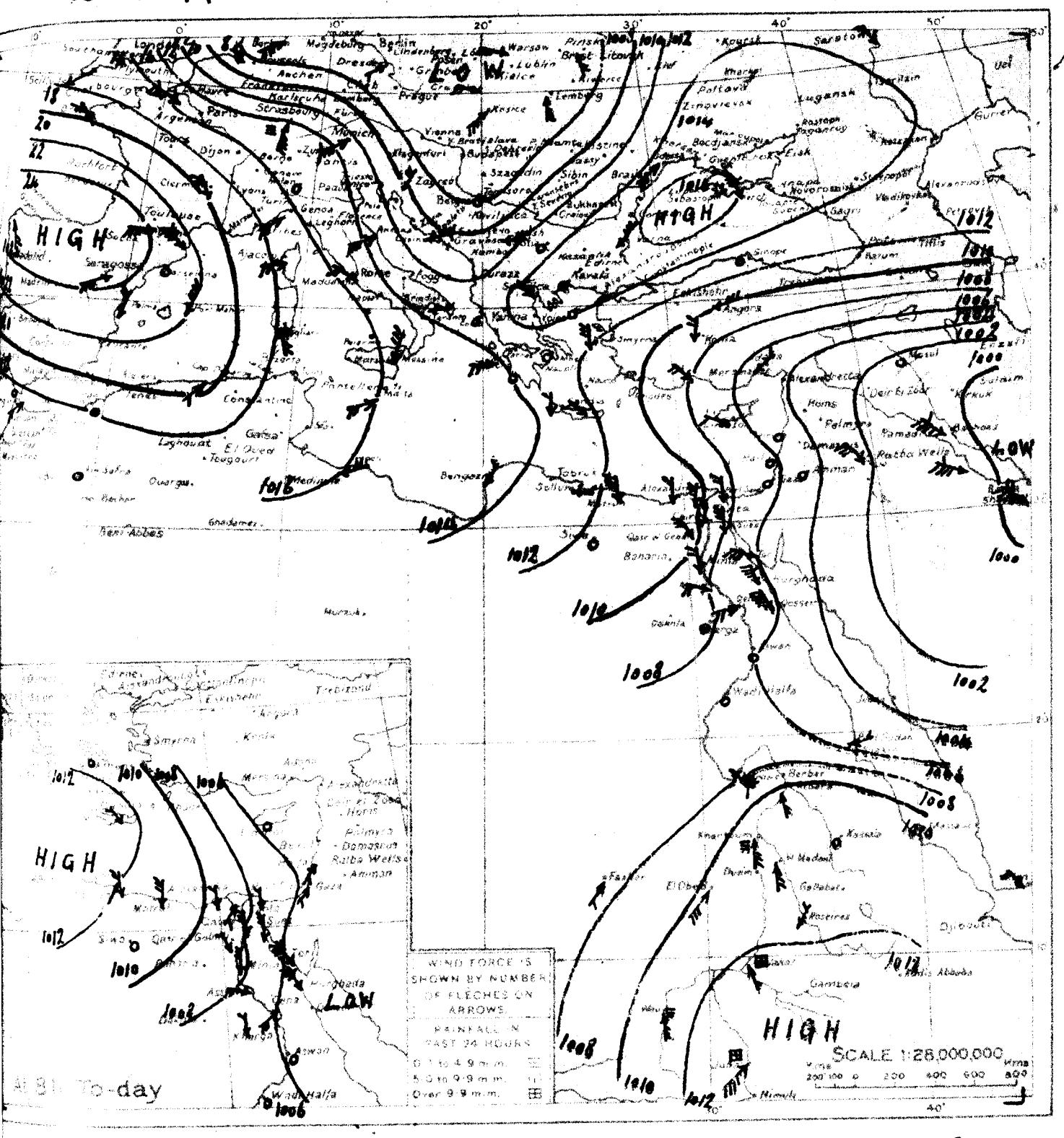
GAUGE	Date	Reading	Diff from normal	Previous Reading	Diff from normal
	1931	m	m	m	m
Juba	17.7	14.19	+0.60	14.50	+0.92
Nasser	16.7	9.02	−0.14	8.99	−0.15
Malakal	17.7	11.21	−0.14	11.20	−0.14
Roseires	16.7	14.52	−1.26	14.86	−0.76
Sennar Res.	16.7	10.38	—	7.76	—
Makwar	16.7	7.30	−1.32	7.33	−1.17
Khartoum	17.7	11.96	−0.74	11.85	−0.76
Kh. el Girba	16.7	13.20	+0.63	12.80	+0.30
Atbara	17.7	11.11	−0.67	11.10	−0.60
Wadi Halfa	17.7	2.00	−0.89	1.99	−0.81
Aswan Res.	17.7	95.10	—	95.12	—
" D.S.	17.7	85.86	−0.99	85.82	−0.96
El Leithi	17.7	17.01	−0.56	17.04	−0.50
Roda (Cairo)	17.7	15.77	+0.10	15.75	+0.09

PRINTED AT THE SURVEY OF EGYPT 1928(29/639/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٧-١٦ Barometer and Wind at 8 h. Yesterday 16.7.31.



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

STATE OF SKY	
Clear	0
½ Clouded	1
½ Clouded	2
½ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-١٦ From Observations taken at 8 h. yesterday. 16.7.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.1	—	+0.3	NW	2	2	28	—	—	34	—	23	—	50	—	—	—	712	—
	MALTA	1016.0	+1.2	-0.6	WSW	2	0	27	0	—	32	+2	23	+2	70	—	0	338	427	1
	ATHENS	1013.6	-0.2	+0.6	—	0	8	26	0	—	—	—	—	—	40	—	—	—	365	—
	CANDIA	1013.8	+0.3	+2.0	NW	1	0	31	+2		32	+3	21	-1	—	—	0	519	459	0
	LIMASSOL	1006.8	+0.6	-0.2	WNW	1	0	34	+1		36	+3	18	-1	—	—	0	393	464	1
EGYPT and SUDAN	Atbara	1010.3	-1.2	+2.4	S	2	1	30.0	+1.0	-1.7	36	-4	25	-1	30	-3	0	3	22	—
	Kassala	1010.2	-0.5	-1.0	—	0	2	27.5	+4.5	+0.5	33	-2	22	-1	60	-4	0	51	104	—
	Wad Medani	—	—	—	S	2	3	25.0	+3.0	-1.6	32	-4	21	-1	—	—	0	132	123	—
	El Fasher	1007.6	+0.4	—	SSW	1	2	26.5	0.0	+1.4	39?	+4	25?	+4	59	-4	0	39	85	—
	El Obeid	1010.2	-0.2	-1.6	SW	3	4	26.0	+0.3	+0.3	30	-4	21	-1	69	-2	0	311	110	—
	Wau	1010.6	-1.4	-0.8	S	3	3	24.0	-0.2	+0.3	33	+1	22	+2	87	+5	1	475	642	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 06

" " sunset 18 56

From Observations taken at 8h. to-day.

Saturday 18th July, 1931 ١٩٣١ السبت ١٨ يوليه

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Maximum Yesterday (°C)	Diff from normal (°C)	Minimum (°C)	Diff from normal (°C)	Humidity: At 8 h (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct 1 to yesterday (mm)	Rainfall: Normal from Oct 1 to yesterday (mm)	Sea
MEDITERRANEAN	SOLLUM	1010.0	-0.3	-0.4	NW	4	6	27.9	+1.2	+1.6	35		21		64	+7	0	37	101	5
	MATRUH	1008.4	-2.3	-1.4	N	4	2	25.7	+0.7	+0.3	29	+1	22	+1	89	+10	0	179	158	4
	ALEXANDRIA	1007.4	-1.9	-2.1	NW	1	0	26.4	+0.3	+0.4	30	0	24	+1	86	+10	0	96	190	1
	PORT SAID	1006.3	-0.9	-1.7	W	2	1	28.9	-0.5	+1.6	34	+3	25	+2	75	+3	0	62	82	1
	GAZA	—	—	—	—	0	0	29.3	+0.9	+1.9	32	+2	23	+3	78	+6	0	251	376	
	HAIFA	1003.2	-1.8	-2.7	—	0	0	30.6	-0.9	+1.8	35	+4	25	+3	65	-4	0	665	647	1
LOWER EGYPT	TANTA	1007.6	-1.9		SW	1	1	27.0	+2.0		38		21		77		0	35		
	CAIRO: EZBEKIYA	1007.1	-2.0	-1.8	NNW	2	0	25.8	0.0	+0.3	37	+2	23	+2	73	0	0	17	34	
	CAIRO: GIZA	1007.6	-1.4	-2.1	NNW	1	0	25.5	0.0	—	37	+2	21	+2	79	—	0	21	31	
	CAIRO: HELWAN	1007.1	-0.9	-2.1	NW	2	0	24.2	-0.9	-0.5	37	+2	22	+1	77	+10	0	19	35	
	SIWA	1009.3	-2.1	-1.6	—	0	0	26.0	+1.0	-0.2	34	+1	21	0	64	+2	0	38	7	
RED SEA	SUEZ	1004.4	-3.2	-4.0	N	3	0	27.0	+0.5	+0.9	37	+1	22	-1	69	-5	0	28	26	3
	TOR	1004.0	-1.4	-2.0	NW	4	0	28.1	0.0	+0.4	37	+3	26	+2	77	+3	0	11	14	4
	HURGHADA	1003.9	-1.5	—	NNW	5	0	31.2	0.0	—	34	—	26	—	41	—	0	0		2
	QOSSEIR	1004.3	—	—	NW	5	0	31.7	—	—	34	—	27	—	50		0	15		5
UPPER EGYPT	GEBALI	1008.2	-1.7	-1.2	NW	1	0	28.0	+1.0	+0.5	38	+1	21	+1	54	-5	0	17		
	MINYA	1006.6	-1.6		NNE	2	0	27.0	+0.5	+0.6	37	0	21	0	63	-1				
	ASYUT	1006.7	-0.9	-1.6	W	2	0	28.3	+0.3	+0.6	38	+1	23	0	45	-3	0	7		
	QENA	1005.1	-0.7		W	2	0	31.1	-0.7	0.0	44	+3	26	+2	34	-6				
	KHARGA	1006.6	-0.8		—	0	0	30.8	-1.6		41		21		35		0	1		
	ASWAN	1005.1	-0.5	-2.1	—	0	0	32.6	-1.4	+0.4	43	+1	28	+2	28	-4				
NORTH SUDAN	WADI HALFA	1006.2	0.0	-1.6	—	0	0	31.0	-3.6	+0.6	43	+2	25	+1	22	-2				
	WADI HOWE	1005.9	-0.9	-2.1	SE	2	3	33.0	-1.0	+0.4	45	+3	28	+1	37	+6	0	0	9	
	ATBARA																			
	KHARTOUM	1008.0	-1.6	-0.9	SW	1	3	31.5	+3.1	+3.1	40	+1	24	-1	41	-18	0	5	43	
SOUTH SUDAN	PORT SUDAN	1003.9	-1.4	-1.1	W	3	1	39.8	-0.4	+3.7	45	+4	32	+4	23	-16	0	29	114	3
	KASSALA																			
	WAD MEDANI	1008.0	—	-2.4	S	2	1	27.0	-1.4	+0.5	35	-1	21	-1	45	-22	0	132	126	
	ROSEIRES	1007.9	-4.1	-4.1	NNW	1	2	24.0	+2.0	+0.1	31	-2	22	+1	83	+5	5	287	328	
EQUATORIAL NILE VALLEY	EL ASHER																			
	EL OBEID	1008.0	-1.8	-3.9	W	1	3	28.0	+0.5	+2.3	35	+1	22	0	70	-2	0	311	113	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 8.30 p.m.

Height (metres)	Kms. per hour	Direction
500	15	NNW
1000	5	NW
1500	20	NW
2000	15	NW
3000	15	NE

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	85	+12	24.4	+2.1
Ezbekiya	55	-5	22.4	-0.1
Giza	57	-1	22.3	—
Helwan	45	-2	20.5	+0.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17.7	1050	1662
16.7	1026	1500

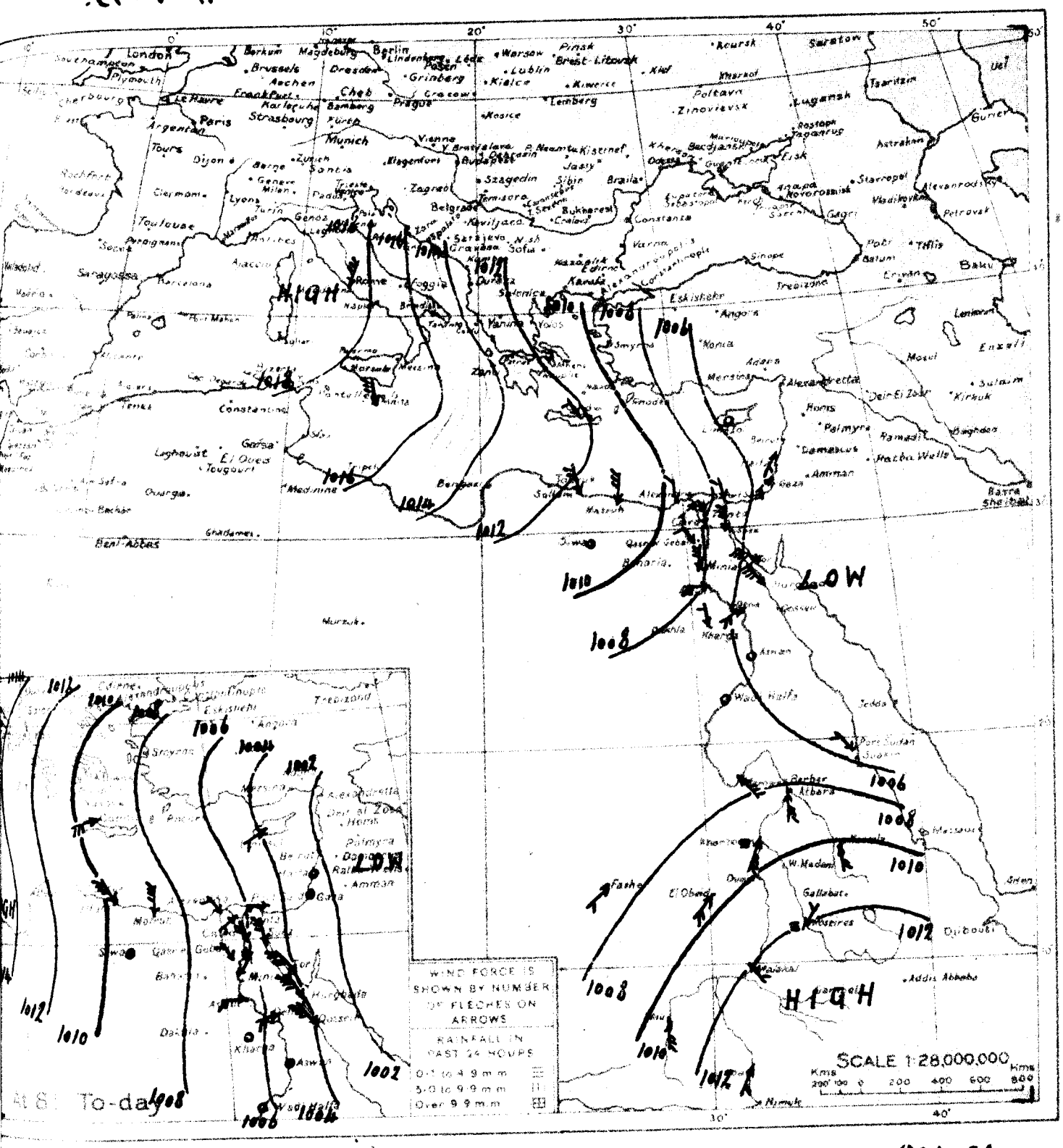
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous: Reading m	Previous: Diff. from normal m
Juba	17.7	14.19	+0.60	14.50	+0.92
Nasser	16.7	9.02	-0.14	8.99	-0.15
Malakal	17.7	11.21	-0.14	11.20	-0.14
Roseires	16.7	14.32	-1.26	14.86	-0.96
Sennar Res.	17.7	11.65	—	10.38	—
Makwar	17.7	7.05	-1.75	7.30	-1.32
Khartoum	18.7	12.14	-0.66	11.96	-0.74
Kh. el Girbd	16.7	13.20	+0.63	12.80	+0.30
Atbara	18.7	11.22	-0.63	11.11	-0.67
Wadi Halfa	18.7	2.00	-0.97	2.00	-0.89
Aswan Res.	17.7	95.10	—	95.19	—
" D.S.	17.7	85.86	-0.99	85.89	-0.96
El Leithi	18.7	17.01	-0.59	17.01	-0.56
Roda (Cairo)	18.7	15.77	+0.09	15.77	+0.10

PRINTED AT THE SURVEY OF EGYPT 1930(29/699/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٧-٣١ Barometer and Wind at 8 h. Yesterday 17.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-٣١ From Observations taken at 8 h. yesterday. 17.7.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.3	+3.2	+3.5	NE	3	0	24	-4	—	31	—	18	—	50	—	—	—	713	—
	MALTA	1016.6	+0.6	0.0	NNW	3	0	27	0	—	32	+2	24	+3	70	—	0	338	428	2
	ATHENS	1010.8	-2.8	-2.2	—	0	5	30	+2	—	—	—	—	—	40	—	—	—	366	—
	CANDIA	1012.2	-1.6	+0.4	NW	1	0	32	+1	—	33	+4	21	-1	—	—	0	519	460	1
	LIMASSOL	1005.5	-1.5	-1.5	—	0	0	34	0		37	+4	21	+2	—	—	0	393	464	0
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 07 m

" " sunset 18 h 56 m

From Observations taken at 8 h. to-day.

Sunday 19th July, 1931 ١٩٣١ الأحد ١٩ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.4	−0.6	−1.0	NW	2	3	29.2	+1.3	+2.9	38	—	22	—	61	−1	0	57	101	3
	MATRUH	1008.7	+0.3	−1.1	NW	4	0	26.3	+0.6	+0.9	28	0	25	+4	83	+4	0	179	158	4
	ALEXANDRIA	1007.4	0.0	−2.1	NW	2	3	26.5	+0.1	+0.4	31	+1	24	+1	83	+7	0	96	190	3
	PORT SAID	1006.3	0.0	−1.7	W	2	0	28.4	−0.5	+1.1	33	+2	25	+2	79	+7	0	62	82	0
	GAZA																			
	HAIFA	1003.5	+0.3	−2.4	—	0	0	31.5	+0.9	+2.7	33	+2	26	+4	68	−1	0	665	647	1
LOWER EGYPT	TANTA	1007.5	−0.1		SW	1	3	27.3	+0.3		38		23		78		0	35		
	CAIRO: EZBEKIYA	1007.5	+0.4	−1.4	NNW	1	0	26.9	+1.1	+1.4	37	+2	23	+2	73	0	0	17	34	
	CAIRO: GIZA	1008.2	+0.6	−1.5	NW	2	0	26.4	+0.9	—	37	+2	20	+1	78	—	0	21	31	
	CAIRO: HELWAN	1007.9	+0.6	−1.3	NNW	2	0	24.7	+0.5	0.0	37	+2	23	+2	80	+13	0	19	35	
	SIWA	1010.0	+0.7	−0.8	—	0	0	25.5	−0.5	−0.7	41	+3	23	+2	65	+3	0	38	7	
RED SEA	SUEZ	1007.1	+2.7	−1.3	N	2	0	27.0	0.0	+0.9	37	+1	22	−1	63	−11	0	28	26	2
	TOR	1004.8	+0.8	−1.2	NW	4	0	28.8	+0.7	+1.0	34	0	26	+2	72	−2	0	11	14	4
	HURGHADA	1004.8	+0.9		NNW	4	0	31.8	+0.6		34		24		36		0	0		2
	QOSSEIR	1004.6	+0.3		NW	4	0	33.5	+1.8		35		26		35		0	15		4
UPPER EGYPT	GEBALI	1008.6	+0.4	−0.8	NW	1	0	28.0	0.0	+0.5	39	+2	20	0	60	+1	0	17		
	MINYA	1007.1	+0.5		N	2	0	27.5	+0.5	+1.1	38	+1	21	0	57	−7				
	ASYUT	1007.2	+0.5	−1.1	WNW	2	0	28.9	+0.6	+1.2	38	+1	23	0	41	−7	0	7		
	QENA	1005.6	+0.5		W	3	0	32.0	+0.9	+0.8	43	+2	25	+1	26	−14				
	KHARGA	1006.8	+0.2		—	0	0	31.0	+0.2		41		20		33		0	1		
	ASWAN	1005.6	+0.5	−1.6	—	0	0	33.5	+0.9	+1.3	42	0	25	−1	24	−8				
NILE VALLEY	WADI HALFA	1006.4	+0.2	−1.4	—	0	0	30.0	−1.0	−0.4	43	+2	22	−2	25	+1				
	MEROWE	1007.5	+1.6	−0.5	SE	2	2	32.0	−1.0	−0.5	45	+3	27	0	36	+3	0	0	9	
	ATBARA																			
	KHARTOUM	1010.7	+2.7	+1.8	SSW	1	4	26.5	−5.0	−1.9	41	+2	23	−2	77	+17	2	7	44	
	PORT SUDAN	1004.7	+0.8	−0.3	W	2	2	39.1	−0.7	+3.0	44	+3	32	+4	26	−13	0	29	114	2
	KASALA																			
	WAD MEDANI																			
	ROSEIRES																			
SOUTH SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL	1012.3	+1.6	−0.5	SSE	1	4	25.8	−0.4	+1.4	35	+4	23	+2	85	+1	0	297	467	
	WAU	1010.4	+0.6	−1.1	S	3	1	24.0	−0.2	+0.4	33	+1	22	+2	87	+4	15	491	661	
	JUBA	1012.4	+0.2	—	NNE	1	3	24.2	+2.5	—	29	—	19	—	88	—	0	678	632	

TEMP. F. C. 120 110 100 90 80 70 60 50 40 30 20 10 0

PRESS. Mm Mb 770 760 750 740 730 720 710 700 690 680 670 660

Upper Wind Observation at Helwan at h. m. 8 30

Height (metres)	Speed (m. per hour)	Direction
500	15	NNW
1000	15	NNW
1500	20	N
2000	30	N
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to-day. توقعات الطقس من الظهر لمدة ٢٤ ساعة

STATION	Humidity Mean of Day: Yester day	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	88	+15	25.3	+2.9
Ezbekiya	53	−7	22.5	0.0
Giza	55	−3	22.2	—
Helwan	47	0	20.6	+1.0

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
19.7	1085	1773
18.7	1074	1823

GAUGE	Date 1931	Reading m	Diff from normal m	Previous Reading m	Diff from normal m
Juba	18.7	13.84	+0.24	14.19	+0.60
Nasser	18.7	9.07	−0.14	9.05	−0.14
Malakal	18.7	11.22	−0.15	11.21	−0.14
Roseires	18.7	15.80	−0.33	15.00	−0.97
Sennar Res.	18.7	12.83	—	11.65	—
Makwar	18.7	6.71	−2.24	7.05	−1.75
Khartoum	18.7	12.14	−0.66	11.96	−0.74
Kh. el Girba	16.7	13.20	+0.63	12.80	+0.30
Atbara	18.7	11.22	−0.63	11.11	−0.67
Wadi Halfa	19.7	2.02	−1.06	2.00	−0.97
Aswan Res.	19.7	95.05	—	95.07	—
" D.S.	19.7	85.93	−1.07	85.91	−1.07
El Leithi	19.7	17.01	−0.62	17.01	−0.59
Roda (Cairo)	19.7	15.79	+0.10	15.77	+0.09

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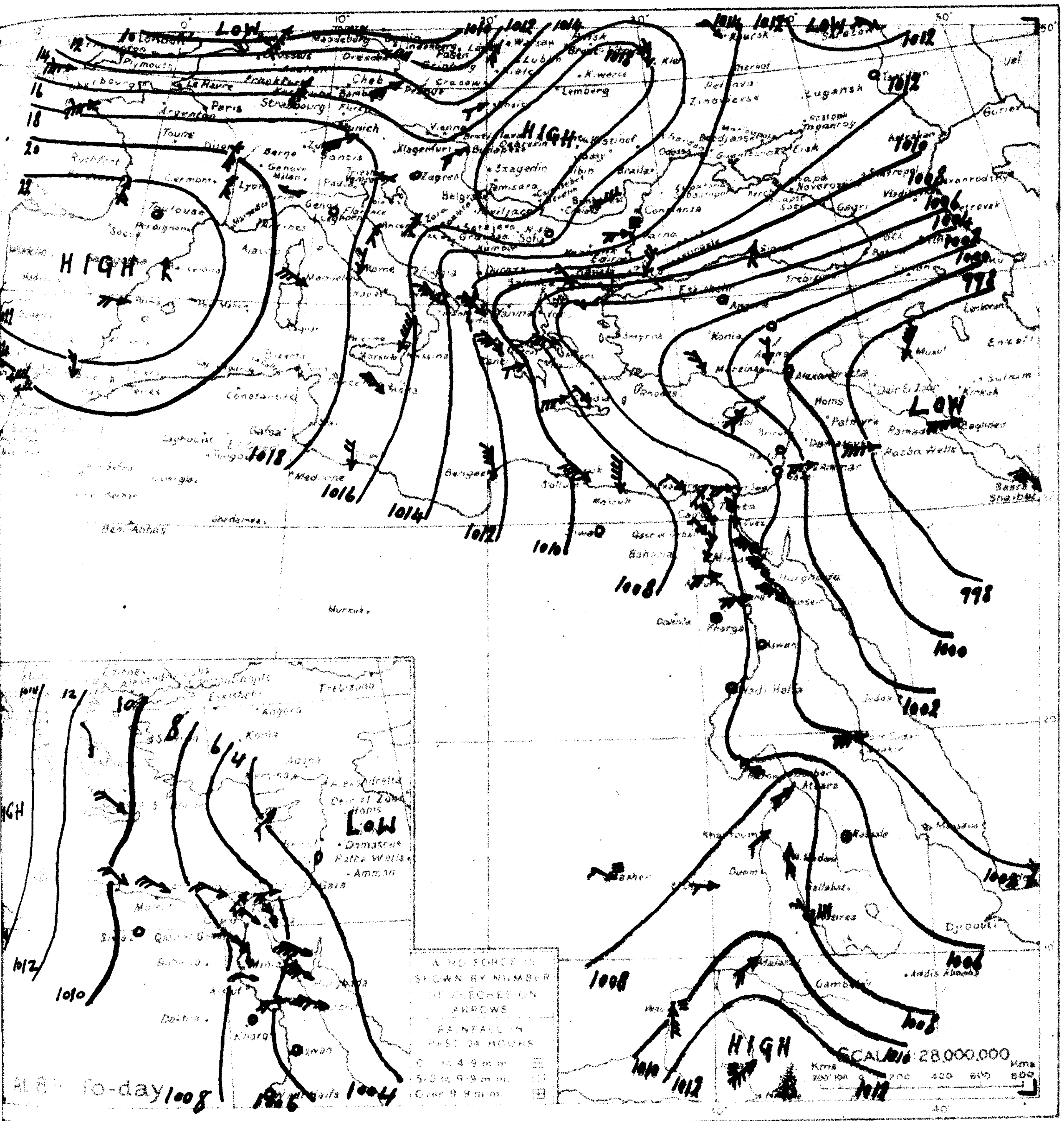
PHYSICAL DEPARTMENT.

REPORT.

١٨ - ٧ - ٣١ Barometer and Wind at 8 h. Yesterday 18.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٨ - ٧ - ٣١ From Observations taken at 8 h. yesterday. 18.7.31.

Station	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1 to yesterday (m.m.)	Rainfall: Normal from Oct. 1 to yesterday (m.m.)	Sea
Mediterranean																			
ROME	1017.9	-0.4	+3.1	NE	1	0	25	+1	—	30	—	18	—	40	—	—		713	—
MALTA	1017.3	+0.7	+0.7	NW	4	0	25	-2	—	29	-1	23	+2	60	—	0	338	628	3
ATHENS	1006.4	-4.4	-6.6	WNW	4	0	30	0	—	—	—	—	—	20	—	—	—	366	—
CANDIA	1007.9	-4.3	-3.9	NW	1	0	33	+1	—	34	+5	22	0	—	—	0	519	460	1
LIMASSOL	1002.4	-3.1	-4.7	SW	1	0	32	-2	—	37	+4	21	+2	—	—	0	393	464	0
Egypt and Sudan																			
Atbara	1009.9	0.0	+2.0	SW	2	2	31.5	-2.5	0.0	41	+1	28	+2	32	-2	0	3	24	—
Kassala	1007.2	-3.1	-4.0	—	0	0	28.5	+1.5	+1.6	36	+1	20	-3	70	+5	0	51	111	—
El Fasher	1006.8	-0.8	—	WNW	1	2	23.0	-4.0	-1.9	35	0	20	-1	78	+14	3	42	92	—
Malakal	1010.7	-1.2	-2.1	SW	2	1	26.2	+0.3	+1.8	34	+3	22	+1	70	-14	0	297	461	—
Wau	1009.8	-1.0	-1.6	S	3	1	24.2	-1.7	+0.6	29	-4	21	+1	78	-4	1	476	655	—
Juba	1012.2	-1.3	—	SW	3	3	21.7	-0.8	—	32	—	19	—	94	—	1	678	627	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 07

" " sunset 18 55

From Observations taken at 8h. to-day.

Monday 20th July, 1931 ١٩٣١ الاثنين ٢٠ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since Oct. 1	Rainfall: Total Yesterday	Rainfall: Normal Total Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.0	+0.6	−0.4	NNW	2	0	27.1	−2.1	+0.8	36	—	22	—	75	+13	0	57	101		4
	MATRUH	1009.1	+0.4	−0.6	NNW	4	0	25.8	−0.5	+0.4	28	0	22	+1	85	+6	0	179	158		4
	ALEXANDRIA	1008.3	+0.9	−1.2	NNW	1	2	25.9	−0.6	−0.2	30	0	24	+1	85	+9	0	96	190		2
	PORT SAID	1007.4	+1.1	−0.6	NW	2	0	28.2	−0.2	+0.8	35	+4	24	+1	70	−2	0	62	82		1
	GAZA	—	—	—	—	0	2	28.6	−0.5	+1.1	32	+2	23	+3	63	−9	0	251	376		
	HAIFA	1004.6	+1.1	−1.3	—	0	0	31.0	−0.5	+2.1	34	+3	26	+4	65	−4	0	665	647		1
LOWER EGYPT	TANTA	1008.3	+0.8	—	NW	1	1	27.3	0.0	—	37	—	21	—	66	—	0	35			
	CAIRO: EZBEKIYA	1008.0	+0.5	−0.9	NW	3	0	27.0	+0.1	+1.5	38	+3	23	+2	67	−6	0	17	34		
	CAIRO: GIZA	1008.7	+0.5	−0.9	NNW	2	0	26.2	−0.2	—	38	+3	22	+3	75	—	0	21	31		
	CAIRO: HELWAN	1008.0	+0.1	−1.1	N	2	0	25.7	+1.0	+1.0	38	+3	22	+1	64	−3	0	19	35		
	SIWA	1009.9	−0.1	−0.9	—	0	0	26.0	+0.5	−0.2	38	0	22	+1	69	+7	0	38	7		
RED SEA	SUEZ	1006.7	−0.4	−1.7	N	2	1	27.0	0.0	+0.8	39	+3	24	+1	73	−1	0	28	26		1
	TOR	1005.1	+0.3	−0.9	NW	4	0	28.2	−0.6	+0.4	35	+1	26	+2	76	+2	0	11	14		4
	HURGHADA	1005.9	+1.1		NNW	5	10	30.5	−1.3	—	35	—	27	—	62		0	0			2
	QOSSEIR	1005.1	+0.5	—	N	4	0	31.3	−2.2	—	35	—	27	—	63	—	0	15			4
UPPER EGYPT	GEBAUI	1009.5	+0.9	+0.2	N	3	0	27.5	−0.5	0.0	39	+2	22	+2	61	+2	0	17			
	MINYA	1007.8	+0.7	—	NNE	3	0	26.5	−1.0	+0.1	39	+2	20	−1	69	+5					
	ASYUT	1007.6	+0.4	−0.6	W	2	0	28.0	−0.9	+0.3	40	+3	24	+1	57	+9	0	7			
	QENA	1005.6	0.0	—	WNW	2	1	29.9	−2.1	−1.3	43	+2	25	+1	30	−10					
	ASWAN	1006.7	−0.1	—	NNE	1	0	32.5	+1.5	—	40	—	24	—	47	—	0	1			
	WADI HALFA	1005.6	0.0	−1.6	—	0	0	32.0	−1.5	−0.2	42	0	25	−1	27	−5	—	—			
SUDAN	WADI HALFA BELOWR	1007.1	+0.7	−0.7	—	0	1	29.2	−0.8	−1.2	43	+2	22	−2	20	−4					
	ATBARA	1009.9	+0.3	+1.9	S	3	0	32.0	−1.5	+0.6	41	+1	27	+1	26	−9	0	3	25		
	KHARTOUM	1010.2	−0.5	+1.3	S	4	3	28.3	+1.8	0.0	38	−1	23	−2	55	−6	drops	7	46		
	PORT SUDAN	1005.6	+0.9	+0.6	E	1	3	37.4	−1.7	+1.3	45	+4	31	+3	41	+2	0	29	115		1
	KASSALA																				
	WAD MEDANI																				
	ROSEIRES	1010.3	+0.8	−1.7	NE	1	2	25.5	+2.5	+1.7	32	0	22	+1	80	+2	0	288	340		
EQUATORIAL PROVINCE	EL FASHER																				
	EL OBEID																				
	MALAKAL																				
	WAU																				
	LOKA																				

Upper Wind Observation at Helwan at h. m. 8 30

Height (metres)	Kms. per hour	Direction
500	5	NNE
1000	15	WNW
1500	30	W
2000	25	WSW
3000	20	W

General Situation

الحالة الجوية

Forecast for 24 hours from noon to day.

توقعات الطقس لمدة اربع وعشرين ساعة من الظهر ليوم

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	82	+9	24.4	+2.0
Ezbekiya	60	0	23.5	+0.9
Giza	64	+6	23.5	—
Helwan	61	+14	22.4	+2.7

NOTE A dash means that figures are not available

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Remarks

Khashm el Girba river gauge reading for 8.7.31 is 11.30 m.

بملاحظة - قراءة المقياس خشم القربة يوم ٨/٧/٣١ هي ١١٫٣٠ متر.

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
19.7	1085	1773
18.7	1074	1823

GAUGE	Date 1931	Reading m	Diff from normal m	Previous Reading m	Diff from normal m
Juba	19.7	14.20	+0.60	13.84	+0.24
Nasser	19.7	9.09	−0.15	9.07	−0.14
Malakal	19.7	11.24	−0.14	11.29	−0.15
Roseires	20.7	15.54	−0.91	15.77	−0.53
Sennar Res.	19.7	13.85	—	12.83	—
Makwar	19.7	6.88	−2.21	6.71	−2.24
Khartoum	19.7	12.20	−0.70	12.14	−0.66
Kh. el Girba	18.7	13.10	+0.35	13.00	+0.35
Atbara	19.7	11.38	−0.57	11.22	−0.73
Wadi Halfa	19.7	2.02	−1.06	2.00	−0.97
Aswan Res.	19.7	95.05	—	95.07	—
" D.S.	19.7	85.93	−1.07	85.97	−1.02
El Leithi	20.7	17.03	−0.62	17.01	−0.62
Roda (Cairo)	20.7	15.77	+0.07	15.74	+0.10

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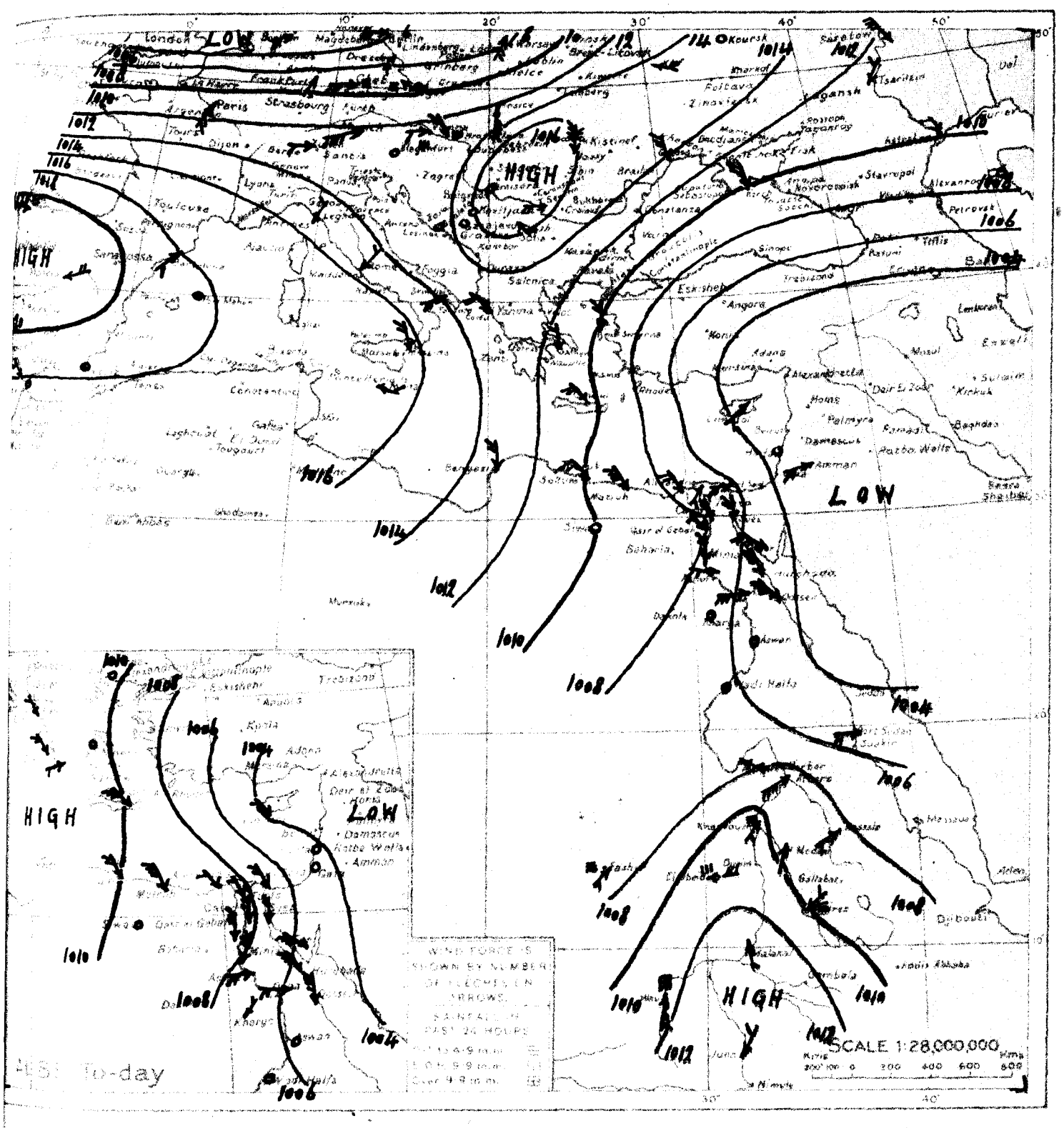
PHYSICAL DEPARTMENT.

REPORT.

٢١ - V - ١٩ Barometer and Wind at 8 h. Yesterday 19.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ - V - ١٩ From Observations taken at 8 h yesterday 19.7.31.

		Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.7	-3.2	-0.1	NE	1	2	27	+2	—	31	—	19	—	50	—	—	—	714	—
	MALTA	1016.7	-1.2	-0.5	SE	1	2	26	+1	—	27	-3	22	+1	70	—	0	338	428	1
	ATHENS	1010.8	+4.4	-2.2	N	1	0	28	-2	—	—	—	—	—	40	—	—	—	366	—
	CANDIA	1010.3	+2.4	-1.5	NW	2	0	28	-5	—	37	+8	25	+3	—	—	0	519	460	2
	LIMASSOL	1002.6	+0.2	-4.5	SW	1	0	31	-1		37	+4	18	-1	—	—	0	393	464	0
EGYPT and SUDAN	Atbara	1009.6	-0.3	+1.6	SW	4	0	33.5	+2.0	+2.0	43	+3	28	+2	28	-7	0	3	24	—
	Kassala	1009.6	+2.4	-1.7	SW	1	0	26.0	-2.5	-0.8	38	+3	22	-1	76	+11	0	51	114	—
	Wad Medani	1009.4	+1.4	-1.6	S	2	4	25.2	-1.8	-1.1	36	0	23	+1	27	-40	0	132	134	—
	Roseires	1009.5	+1.6	-2.5	NE	1	3	23.0	-1.0	-0.9	31	-1	21	0	85	+5	1	288	334	—
	El Fasher	1007.0	+0.2	—	SSW	1	4	24.5	+1.5	-0.3	37	+2	23	+2	80	+16	trace	42	96	—
	El Obeid	1011.6	+3.6	-0.3	E	3	4	23.5	-4.5	-2.0	33	-1	22	0	85	+13	5	316	119	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 08

" " sunset 18 55

From Observations taken at 8h. to-day.

Tuesday 21st July, 1931 ١٩٣١ الثلاثاء ٢١ يوليه

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h. °C	Temperature: Change in past 24 hours °C	Temperature: Diff. from normal °C	Temperature: Maximum yesterday °C	Temperature: Diff. from normal °C	Temperature: Minimum °C	Temperature: Diff. from normal °C	Humidity: At 8 h. %	Humidity: Diff. from normal %	Rainfall: Past 24 hours m/m	Rainfall: Total from Oct. 1 m/m	Rainfall: Normal from Oct. 1 m/m	SEA
MEDITERRANEAN: SOLLUM	1011.8	+1.8	+1.5	NW	1	0	27.4	+0.3	+1.0	34		22		64	+2	0	57	101	2
MATRUH	1009.1	0.0	−0.6	NW	2	2	25.6	−0.2	+0.1	28	0	22	+1	85	+6	0	179	158	2
ALEXANDRIA	1008.4	+0.1	−1.1	W	1	2	26.2	+0.3	+0.1	30	0	24	+1	75	−1	0	96	190	1
PORT SAID	1007.8	+0.4	−0.1	W	2	0	28.8	+0.6	+1.4	33	+2	24	+1	66	−6	0	62	82	1
GAZA	—	—	—	SW	1	2	28.2	−0.4	+0.7	31	+1	22	+2	68	−4	0	251	376	
JAFFA	1005.1	+0.5	−0.8	—	0	2	31.2	+0.2	+2.3	33	+2	26	+4	68	−1	0	665	647	1
LOWER EGYPT: TANTA	1008.7	+0.4		WSW	1	2	26.5	−0.8		35		21		77		0	35		
EZBEKIYA	1008.3	+0.3	−0.6	N	2	2	26.7	−0.3	+1.2	36	+1	23	+2	68	−5	0	17	34	
GIZA	1008.7	0.0	−0.9	NNE	1	1	25.9	−0.3	—	35	0	20	+1	72	—	0	21	31	
HELWAN	1008.2	+0.2	−0.9	N	2	0	26.0	+0.3	+1.3	34	−1	21	0	62	−5	0	19	35	
SIWA	1009.1	−0.8	−1.7	—	0	0	28.6	+2.6	+2.4	37	−1	22	+1	60	−2	0	38	7	
RED SEA: SUEZ	1007.1	+0.4	−1.3	N	1	1	26.5	−0.5	+0.3	35	−1	25	+2	66	−8	0	28	26	2
TOR	1005.8	+0.7	−0.2	NW	4	0	29.0	+0.8	+1.1	34	0	25	+1	71	−3	0	11	14	4
HURGHADA	1006.4	+0.5		NNW	5	0	30.8	+0.3		36		27		60		0	0		2
QOSSEIR	1005.6	+0.5		NW	6	0	30.7	−0.6		34		27		64		0	15		6
[illegible]	1009.3	−0.2	0.0	NW	2	0	27.0	−0.5	−0.5	36	−1	22	+2	63	+4	0	17		
[illegible]	1008.0	+0.2		W	1	0	27.5	+1.0	+1.1	36	−1	21	0	67	+2				
[illegible]	1008.0	+0.4	−0.2	WSW	2	0	28.3	+0.3	+0.6	38	+1	23	0	53	+4	0	7		
[illegible]	1006.7	+1.1		W	2	0	31.5	+1.6	+0.3	44	+3	26	+2	33	−7				
[illegible]	1007.2	+0.5		NNE	1	0	31.8	−0.7		42		22		39		0	1		
[illegible]	1006.3	+0.7	−0.9	—	0	0	33.3	+1.3	+1.1	44	+2	29	+3	22	−10				
[illegible]	1006.3	−0.8	−1.5	N	1	0	30.0	+0.8	−0.4	43	+2	25	+1	19	−6				
[illegible]	1006.3	−0.7	−1.7	SE	1	1	33.0	0.0	+0.6	43	+1	27	0	39	+5	0	0	10	
[illegible]	1009.6	−0.3	+1.6	S	3	0	33.0	+1.0	+1.7	41	+1	29	+3	25	−19	0	3	26	
[illegible]	1009.4	−0.8	+0.4	S	4	2	28.9	+0.6	+0.6	37	−2	27	+2	56	−6	0	7	48	
[illegible]	1004.3	−1.3	−0.7	E	1	3	34.7	−2.7	−1.4	44	+3	29	+1	51	+12	0	29	115	1
[illegible]	1009.9	−0.5	−0.6	S	2	3	26.5	+2.5	+0.4	34	−2	21	−1	41	−27	0	140	141	
[illegible]	1011.1	+0.8	−0.9	NE	1	2	25.0	−0.5	+1.2	32	0	22	+1	76	−2	0	288	346	
[illegible]	1008.6	+0.3		SW	1	2	23.0	−2.0	−1.7	32	−3	21	0	83	+18	2	72	103	
[illegible]	1011.1	+0.7	−0.4	SW	4	3	23.3	−2.1	−0.4	33	+1	21	+1	85	+2	0	491	674	
[illegible]	1011.2	−0.8		NNW	4	1	25.4	+1.4		33		21		77		0	678	641	

General Situation

8.15

300	10	NE
1000	20	WNW
1500	25	WNW
2000	20	WSW
3000		

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Air Bulb Temperature Mean of Day: Yester day °C	Air Bulb: Diff. from normal °C
Alexandria	83	+10	24.0	+1.6
Ezbekiya	59	−1	22.7	+0.1
Giza	63	+5	22.5	—
Helwan	51	+4	21.4	+1.7

NOTE. A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m3 per sec.

DATE	1931	1930
20.7	1096	1773
19.7	1085	1773

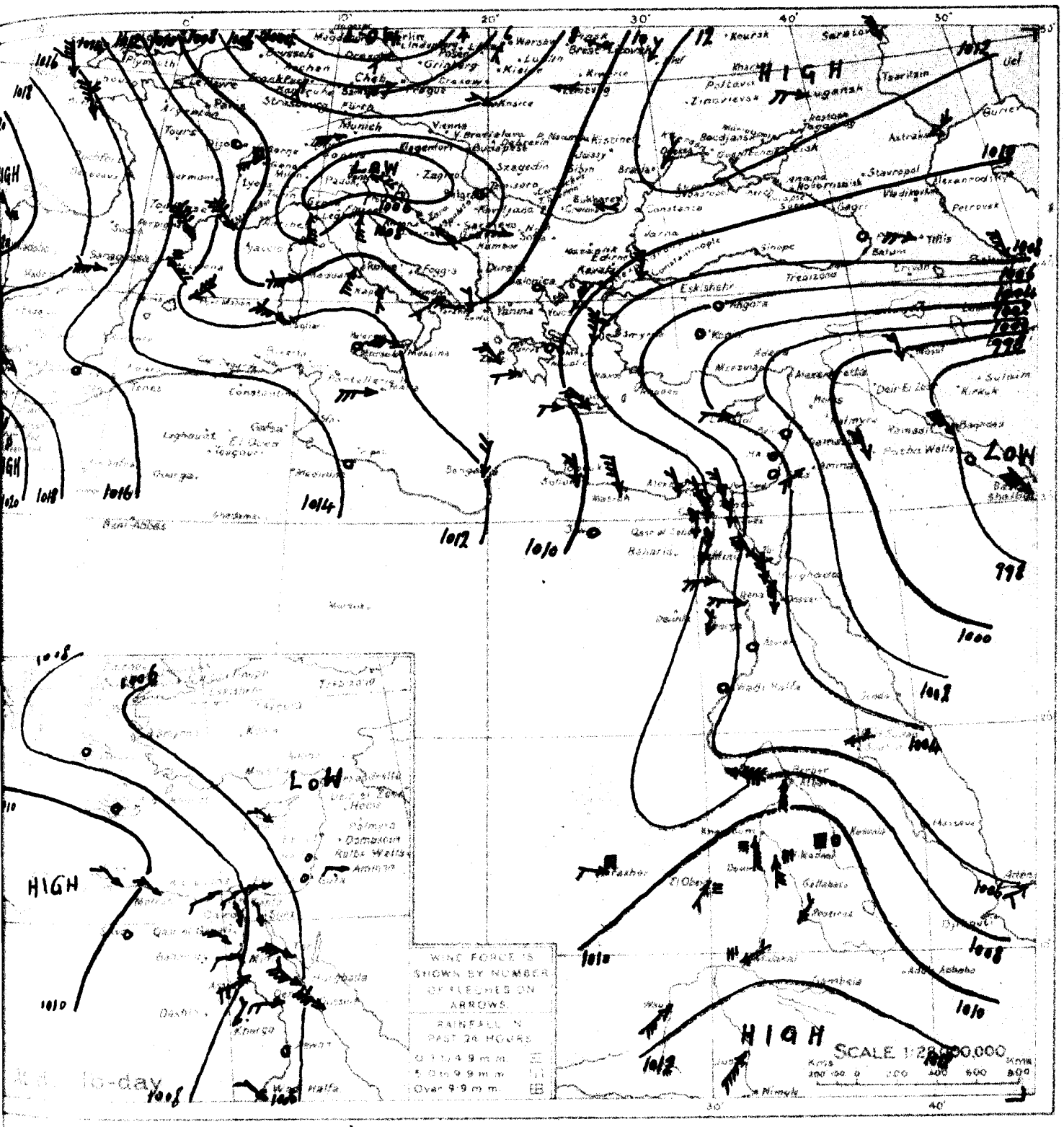
GAUGE	Date	Reading	Diff. from normal	Rise: Reading	Rise: Diff. from normal
	1931	m	m	m	m
Juba	20.7	13.88	+0.28	14.20	+0.60
Nasser	20.7	9.13	−0.14	9.09	−0.15
Malakal	20.7	11.26	−0.14	11.24	−0.14
Rosaires	21.7	15.84	−0.76	15.54	−0.91
Sennar Res.	20.7	14.78	—	13.85	—
Makwar	20.7	7.34	−1.73	6.88	−2.21
Khartoum	21.7	12.04	−1.03	12.16	−0.82
Kh. el Girhd	19.7	12.80	−0.05	13.10	+0.35
Atbara	21.7	11.60	−0.54	11.46	−0.59
Wadi Halfa	21.7	2.26	−1.02	2.11	−1.06
Aswan Res.	20.7	95.00	—	95.05	—
" D.S.	20.7	85.95	−1.13	85.93	−1.07
El Leithi	21.7	17.07	−0.61	17.03	−0.62
Roda (Cairo)	20.7	15.77	+0.07	15.79	+0.10

PRINTED AT THE SURVEY OF EGYPT 1930(29/550/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21 - V - c. Barometer and Wind at 8 h. Yesterday 20.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21 - V - c. From Observations taken at 8 h. yesterday. 20.7.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1010.3	-4.4	-4.5	SW	3	3	27	0	—	30	—	23	—	50	—	—	—	715	—
	MALTA	1012.0	-4.1	-4.6	W	3	0	25	-1	—	28	-2	22	+1	80	—	0	338	428	2
	ATHENS	1010.2	-0.6	-2.6	—	0	0	28	0	—	—	—	—	—	30	—	—	—	366	—
	CANDIA	1009.8	-0.5	-2.0	NW	3	1	29	+1	—	30	+1	24	+2	—	—	0	519	460	4
	ALMASSOL	1003.8	+1.2	-3.3	WNW	1	1	29	-2		36	+3	17	-2	—	—	0	393	464	1
EGYPT and SUDAN	Merowe	1007.0	-0.5	-1.0	SE	7	1	33.0	+1.0	+0.5	46	+4	30	+3	42	+8	0	0	10	—
	Kassala	1010.7	+1.1	-0.6	—	0	3	24.0	-2.0	-2.8	32	-3	21	-2	83	+18	42	93	117	—
	Wad Medani	1010.4	+1.0	-0.1	S	3	3	24.0	-1.2	-2.2	35	-1	20	-2	29	-38	8	140	138	—
	El Fasher	1008.3	+1.3	—	WNW	1	2	25.0	+0.5	+0.2	37	+2	21	0	64	-1	28	70	99	—
	El Obeid	1010.8	-0.8	-1.2	SSW	1	4	24.8	+1.3	-0.7	29	-5	20	-2	78	+5	drops	316	122	—
	Malakal	1011.6	-0.7	-1.2	ENE	1	3	24.0	-1.8	-0.4	30	-1	21	0	90	+6	7	304	473	—
	Wau	1010.4	0.0	-1.1	SW	3	1	25.4	+1.4	+1.7	32	0	23	+3	85	+2	0	491	668	—
	Juba	1012.0	-0.4	—	SW	4	0	24.0	-0.2	—	32	—	18	—	82	—	0	678	636	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 08

" " sunset 18 54

From Observations taken at 8h. to-day.

Wednesday 22nd July, 1931 — الأربعاء ٢٢ يوليه ١٩٣١

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1010.3	−1.5	0.0	NNW	2	0	26.4	−1.0	0.0	33		22		67	+5	0	57	101	3
	MATRUH	1009.4	+0.3	−0.2	—	0	0	25.8	+0.2	+0.3	29	+1	22	+1	84	+8	0	179	158	0
	ALEXANDRIA	1009.0	+0.6	−0.5	N	1	1	26.9	+0.7	+0.7	30	0	24	+1	72	−4	0	96	190	1
	PORT SAID	1008.4	+0.6	+0.5	N	1	0	28.9	+0.1	+1.5	33	+2	24	+1	61	−11	0	62	82	0
	GAZA	—	—	—	W	1	2	27.8	−0.4	+0.3	31	+1	21	+1	67	−5	0	251	376	
	HAIFA	1005.9	+0.8	0.0	SSW	2	3	30.6	−0.6	+1.7	35	+4	23	+1	64	−5	0	665	647	1
LOWER EGYPT	TANTA	1009.3	+0.6		NNW	1	1	27.0	+0.5		35		21		68		0	35		
	CAIRO: EZBEKIYA	1008.7	+0.4	−0.2	NE	1	0	26.8	+0.1	+1.3	35	0	22	+1	76	+2	0	17	34	
	CAIRO: GIZA	1009.0	+0.3	−0.6	NNW	2	1	26.0	+0.1	—	35	0	20	+1	79	—	0	21	31	
	CAIRO: HELWAN	1008.4	+0.2	−0.7	NNW	1	0	26.1	+0.1	+1.4	34	−1	22	+1	67	0	0	19	35	
	SIWA	1009.1	0.0	−1.7	—	0	0	28.5	−0.1	+2.3	38	0	22	+1	68	+6	0	38	7	
RED SEA	SUEZ	1007.5	+0.4	−0.9	N	2	0	27.2	+0.7	+1.0	37	+1	24	+1	75	+1	0	28	26	2
	TOR	1004.7	+0.9	+0.7	NW	4	0	29.0	0.6	+1.1	34	0	25	+1	71	−3	0	11	14	4
	HURGHADA	1006.4	0.0		NNW	5	0	30.8	0.0		35		26		60		0	0		2
	QOSSEIR	1006.6	+1.0		NW	4	0	31.6	+0.9		34		27		53		0	15		4
UPPER EGYPT	GEBALI	1009.4	+0.1	+0.1	N	1	0	27.5	+0.5	0.0	36	−1	23	+3	60	0	0	17		
	MINYA	1008.7	+0.7		NNW	1	0	27.0	−0.5	+0.6	36	−1	21	0	66	+1				
	ASYUT	1008.7	+0.7	+0.5	WSW	2	0	28.6	+0.3	−0.9	38	+1	24	+1	47	−2	0	7		
	QENA	1007.8	+1.1		W	1	0	31.7	+0.2	+0.5	43	+2	25	+1	34	−6				
	KHARGA	1008.4	+1.2		—	0	0	30.6	−1.2		40		22		44		0	1		
	ASWAN	1007.8	+1.5	+0.6	—	0	0	31.7	−1.6	−0.5	42	0	25	−1	28	−4				
NORTH SUDAN	WADI HALFA	1006.6	+0.3	−1.2	NW	1	0	29.2	−0.8	−1.2	43	+2	22	−2	28	+3				
	MEROWE	1008.2	+1.9	+0.2	SE	3	0	32.0	−1.0	−0.4	45	+3	28	+1	26	−9	0	0	10	
	ATBARA	1009.6	0.0	+1.6	SW	2	0	32.0	−1.0	+0.8	42	+2	27	+1	26	−10	0	3	27	
	KHARTOUM	1009.8	+0.4	+0.8	S	2	2	26.6	−2.3	−1.6	37	−2	23	−2	65	+3	drops	7	49	
EAST SUDAN	PORT SUDAN	1004.7	+0.4	−0.4	SE	1	0	36.7	+2.0	+0.5	44	+3	29	+1	49	+10	0	29	115	1
	KASSALA																			
	WAD MEDANI	1009.4	−0.5	−1.1	SW	2	2	27.5	+1.0	+1.4	34	−2	23	+1	42	−26	0	140	145	
	ROSEIRES	1008.7	−2.4	−3.3	NNE	1	2	25.5	+0.5	+1.7	33	+1	23	+2	80	+2	0	288	353	
SOUTH SUDAN	EL FASHER	1007.4	−1.2		WNW	1	3	24.0	+1.0	−0.6	33	−2	23	+2	79	+13	drops	72	106	
	EL OBEID	1010.4	−2.2	−1.6	SW	1	4	24.5	+3.7	−0.9	27	−7	19	−3	84	+11	2	339	127	
	MALAKAL	1012.0	+0.4	−0.8	S	1	1	24.8	−0.7	+0.4	32	+1	21	0	84	0	2	306	485	
	WAU	1011.2	+0.1	−0.3	S	3	3	23.0	−0.3	−0.7	31	−1	21	+1	88	+5	0	491	680	
	JUBA																			

Upper Wind Observations at Helwan at 8.30 p.m.

Height (metres)	Kms per hour	Direction
500	5	NNE
1000	20	W
1500	20	WNW
2000	15	SW
3000	15	SW

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] من الظهر لحضوفا الى الظهر من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	79	+6	23.9	+1.5
Ezbekiya	54	−6	22.7	+0.1
Giza	55	−4	22.6	—
Helwan	43	−5	20.9	+1.2

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
21.7	1107	1818
20.7	1096	1773

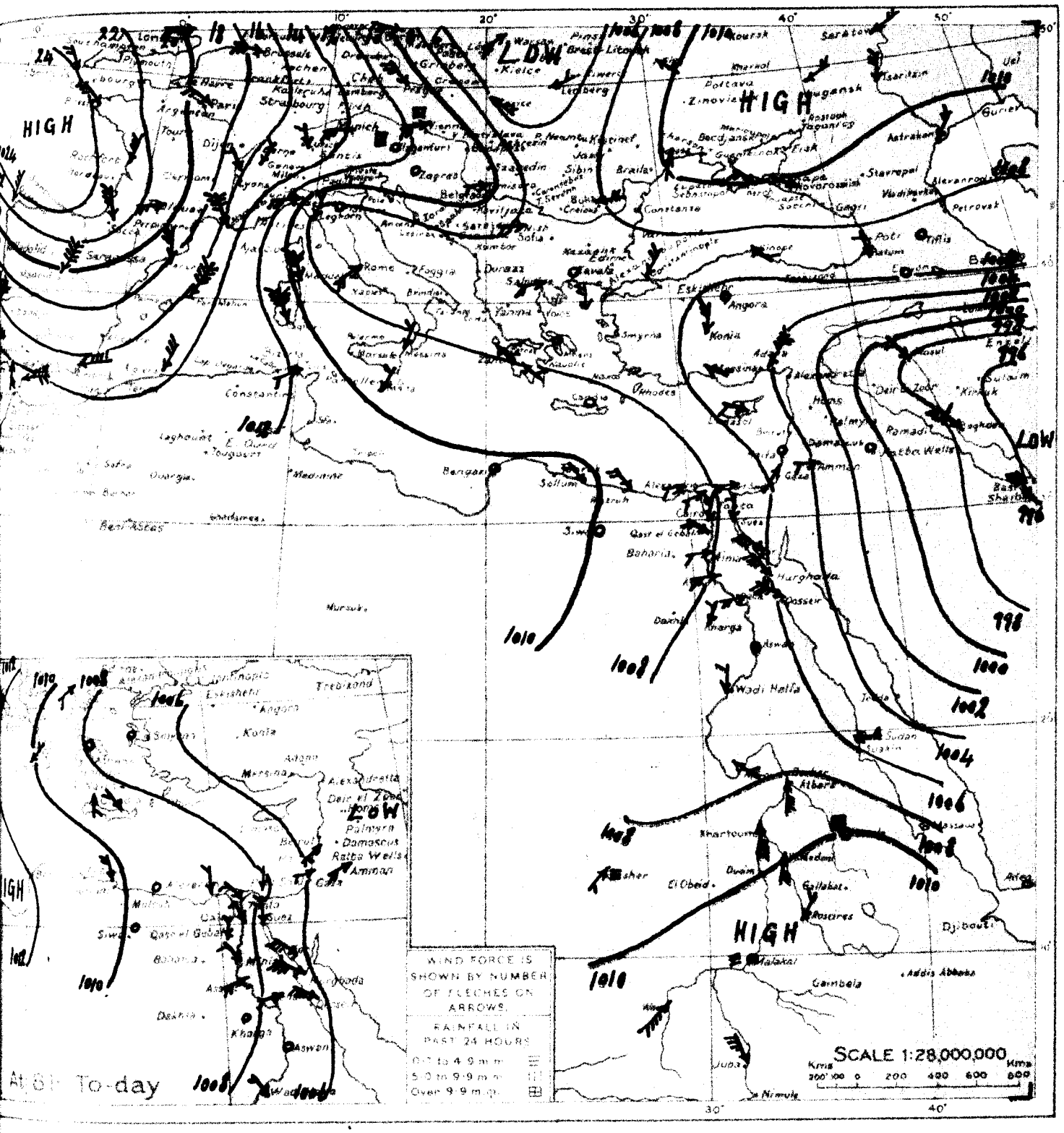
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous: Reading m.	Previous: Diff from normal m.
Juba	21.7	13.84	+0.24	13.88	+0.28
Nasser	21.7	9.15	−0.14	9.13	−0.14
Malakal	21.7	11.28	−0.14	11.26	−0.14
Roseires	21.7	15.84	−0.76	15.54	−0.91
Sennar Res.	21.7	15.40	—	14.73	—
Makwar	21.7	7.46	−2.01	7.54	−1.73
Khartoum	22.7	12.04	−1.13	12.04	−1.03
Kh. el Girba	19.7	12.80	−0.05	13.10	+0.35
Atbara	22.7	11.68	−0.56	11.60	−0.54
Wadi Halfa	22.7	2.44	−0.96	2.26	−1.02
Aswan Res.	21.7	94.95	—	95.00	—
" D.S.	21.7	85.95	−1.23	85.95	−1.13
El Leithi	22.7	17.09	−0.63	17.07	−0.61
Roda (Cairo)	22.7	15.73	+0.01	15.73	+0.02

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٧-٣١ Barometer and Wind at 8 h. Yesterday 21.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-٣١ From Observations taken at 8 h yesterday. 21.7.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.0	-3.5	-7.8	SW	2	3	25	-2	—	31	—	22	—	40	—	—	—	715	—
	MALTA	1009.3	-2.7	-7.3	NNE	1	0	27	+2	—	30	0	22	+1	70	—	0	338	428	1
	ATHENS	1007.2	-3.0	-5.6	—	0	0	28	0	—	—	—	—	—	50	—	—	—	367	—
	CANDIA	1009.0	-0.8	-2.8	—	0	0	29	0	—	31	+2	21	-1	—	—	0	519	460	2
	LIMASSOL	1005.1	+1.3	-2.0	WNW	1	1	28	-1		33	0	20	+1	—	—	0	393	464	1
EGYPT and SUDAN	Kassala كسلا	1010.0	-0.7	-1.3	—	0	4	24.0	0.0	-2.7	33	-2	20	-3	75	+9	13	106	121	—
	Malakal ملكال	1011.6	0.0	-1.2	—	0	4	25.5	+1.5	+1.1	32	+1	23	+2	82	-2	trace	304	479	—

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 05 09

" sunset 18 54

From Observations taken at 8h. to-day.

Thursday 23rd July, 1931 ١٩٣١ الخميس ٢٣ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Max Yesterday	Temperature: Diff from normal	Temperature: Min Yesterday	Temperature: Diff from normal	Humidity: At 8h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Jan.	Rainfall: Total same date last year	SFA
		mb	mb	mb				°C	°C	°C	°C		°C		%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.8	+0.5	+0.5	—	0	0	25.8	−0.6	−0.6	31	—	20	—	79	+16	0	57	101	1
	MATRUH	1010.7	+1.3	+1.1	N	2	0	25.7	−0.1	+0.2	28	0	22	+1	83	+4	0	179	158	3
	ALEXANDRIA	1009.8	+0.8	+0.3	W	1	2	26.4	−0.5	+0.2	31	0	23	0	79	+3	0	96	190	2
	PORT SAID	1009.5	+1.1	+1.6	W	2	2	27.3	−1.6	−0.1	31	0	24	+1	70	−2	0	62	82	0
	GAZA	—	—	—	—	0	2	27.4	−0.4	−0.1	30	0	21	+1	68	−4	0	251	576	
	HAIFA	1005.9	0.0	0.0	—	0	0	30.2	−0.4	+1.2	34	+3	25	+3	73	+4	0	665	647	1
LOWER EGYPT	TANTA	1010.0	+0.7	—	SW	1	1	26.1	−0.9		35	—	21		74		0	35		
	CAIRO: EZBEKIYA	1009.9	+1.2	+0.9	NW	1	0	27.1	+0.3	+1.6	35	0	23	+2	70	−4	0	17	34	
	CAIRO: GIZA	1010.4	+1.4	+0.8	NNW	1	0	27.2	+0.2	—	35	0	20	0	77	—	0	21	31	
	CAIRO: HELWAN	1010.0	+1.6	+0.9	NNW	1	0	25.5	−0.6	+0.8	34	−1	22	+1	68	+1	0	19	35	
	SIWA	1009.9	+0.8	−0.9	—	0	0	28.2	−0.3	+2.0	40	+2	25	+4	56	−6	0	38	7	
RED SEA	SUEZ	1008.7	+1.2	+0.3	N	2	0	27.2	0.0	+1.0	36	0	24	+1	75	+1	0	28	26	1
	TOR	1007.4	+0.7	+1.4	NW	5	0	28.8	−0.2	+0.8	36	+2	25	+1	75	+1	0	11	14	5
	HURGHADA	1007.2	+0.8	—	NNW	6	0	31.0	+0.2		36		26		56		0	0		3
	QOSSEIR	1007.6	+1.0	—	NNW	5	0	32.8	+1.2	—	33	—	28		45		0	15		5
UPPER EGYPT	GEBALI	1011.0	+1.6	+1.8	NW	1	0	28.0	+0.5	+0.5	36	−1	22	+2	65	+5	0	17		
	MINYA	1012.4	+3.7	—	NNW	1	0	28.0	+1.0	+1.6	38	+1	21	0	63	−2				
	ASYUT	1010.2	+1.5	+2.1	E	2	0	29.6	+1.0	+1.9	38	+1	23	0	46	−3	0	7		
	QENA	1008.8	+1.0	—	WSW	4	0	31.9	+0.2	+0.7	42	+1	25	+1	26	−14				
	KHARGA	1009.8	+1.4		ENE	1	0	32.2	+1.6	—	40	—	21		38		0	1		
	ASWAN	1009.0	+1.2	+1.8	—	0	0	33.2	+1.5	+1.0	41	−1	26	0	32	0				
NORTH SUDAN	WADI HALFA	1008.0	+1.4	+0.2	—	0	0	31.0	+1.8	+0.6	43	+2	24	0	25	0				
	WAROWE	1007.5	−0.7	−0.6	NE	1	0	35.0	+3.0	+2.7	44	+2	26	−1	15	−21	0	0	10	
	DONGOLA	1008.7	−0.9	+0.7	S	2	0	35.0	+3.0	−3.8	42	+2	27	+1	24	−12	0	3	27	
	KHARTOUM	1009.0	−0.8	0.0	SSW	4	1	31.3	+4.7	+3.1	38	0	—	—	48	−14	0	7	51	
EAST SUDAN	PORT SUDAN	1006.4	+1.7	+1.3	S	1	0	36.4	−0.3	+0.2	43	+2	27	−1	36	−3	0	29	115	1
	KASSALA																			
	WAD MEDANI	1009.0	−0.4	−1.6	S	2	1	28.0	+0.5	+2.0	35	−1	23	+1	34	−34	0	140	149	
	ROSEIRES	1010.6	—	−1.4	NE	2	2	24.5	−1.0	+0.7	35	+3	22	+1	87	+8	3	291	358	
SOUTH SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	NAU																			
	JUBA																			

Upper Wind Observations at Helwan at 8 15

Height (metres)	Knots per hour	Direction
500	10	WNW
1000	30	NNW
1500	45	NNW
2000	50	NW
2500		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	79	+6	24.3	+1.9
Ezbekiya	59	−1	22.8	+0.1
Giza	60	+1	22.4	—
Helwan	47	−1	20.9	+1.1

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
22.7	1118	1880
21.7	1107	1818

GAUGE	Date	Reading	Diff from normal	Previous Reading	Diff from normal
	1931	m	m	m	m
Juba	22.7	13.91	+0.31	13.84	+0.24
Nasser	22.7	9.75	−0.17	9.15	−0.14
Malakal	22.7	11.30	−0.13	11.28	−0.14
Roseires	23.7	15.80	−1.10	16.09	−0.64
Sennar Res.	21.7	15.40	—	14.73	—
Makwar	21.7	7.46	−2.01	7.54	−1.73
Khartoum	23.7	12.34	−0.95	12.04	−1.13
Kh. el Girba	21.7	13.30	+0.22	13.30	+0.30
Atbara	23.7	12.08	−0.22	11.68	−0.56
Wadi Halfa	23.7	2.59	−0.93	2.44	−0.96
Aswan Res.	22.7	94.97	—	94.95	—
" D.S.	22.7	85.96	−1.34	85.95	−1.23
El Lettin	23.7	17.12	−0.66	17.69	−0.63
Roda (Cairo)	23.7	15.75	+0.02	15.73	+0.01

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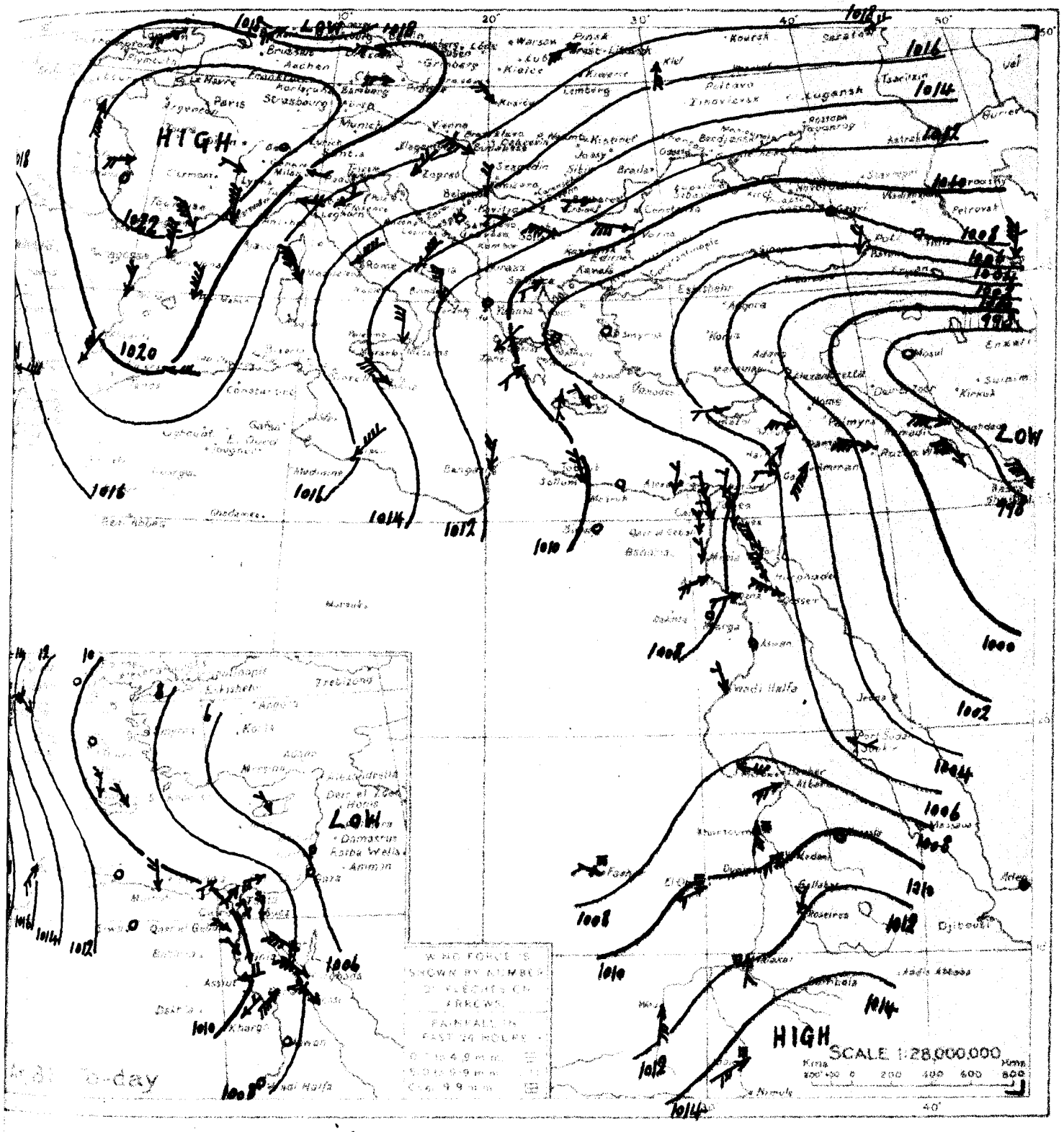
PHYSICAL DEPARTMENT.

REPORT.

.21-V-CC Barometer and Wind at 8 h. Yesterday 22.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3 ✓
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-V-CC From Observations taken at 8 h. yesterday. 22.7.31.

	Station	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal (8 h.)	Temperature Max. yesterday	Temperature Diff. from normal	Temperature Min.	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.8	+7.8	0.0	NE	4	0	22	-3	—	29	—	17	—	40	—	—	—	716	—
	MALTA	1013.0	+3.7	+3.6	NW	4	0	23	-4	—	28	-2	22	+1	70	—	0	338	428	3
	ATHENS	1007.5	+0.3	-5.3	—	0	0	29	+1	—	—	—	—	—	40	—	—	—	367	—
	CANDIA	1009.0	0.0	-2.8	NW	1	0	26	-1	—	31	+2	21	-1	—	—	0	519	460	1
	LIMASSOL	1005.8	+0.7	-1.3	WNW	1	0	28	0		33	0	21	+2	—	—	0	393	464	1
EGYPT and SUDAN	Kassala	1010.3	+0.3	-1.1	—	0	0	27.0	+3.0	+0.3	33	-1	24	+1	77	+11	0	106	124	—
	Juba	1014.7	+3.5	—	SW	3	4	21.4	-4.0	—	33	—	18	—	92	—	9	687	645	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 09

" " sunset 18 53

From Observations taken at 8h. to-day.

Friday 24th July 1931 ١٩٣١ الجمعة ٢٤ يوليه

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Max. Temp. Yesterday	Diff from normal	Min. Temp. Yesterday	Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Jan.	Rainfall Total last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.6	+0.8	+1.3	NW	1	0	26.4	+0.6	0.0	33		22		67	+4	0	57	101	2
	MATRUH	1010.3	−0.4	+0.7	NNW	5	2	25.8	+0.1	+0.3	28	0	25	+4	83	+4	0	179	158	5
	ALEXANDRIA	1009.3	−0.5	−0.2	W	1	3	26.3	−0.1	+0.1	30	−1	24	+1	77	+1	0	96	190	2
	PORT SAID	1008.0	−1.5	+0.1	W	2	3	27.2	−0.1	−0.3	33	+2	24	+1	80	+8	0	62	82	1
	GAZA	—	—	—	S	1	2	28.9	−0.5	−0.7	30	0	21	+1	75	+3	0	251	376	
	HAIFA	1004.6	−1.3	−1.3	—	0	0	31.7	+1.5	+2.7	34	+3	26	+4	65	−4	0	665	647	1
LOWER EGYPT	TANTA	1010.7	+0.7		SW	2	1	27.2	+1.1		35		20		69		0	35		
	CAIRO EZBEKIYA	1009.1	−0.8	+0.1	NW	1	2	25.0	−2.1	−0.6	36	+1	22	+1	74	0	0	17	34	
	CAIRO GIZA	1009.1	−1.3	−0.5	NW	1	1	25.3	−0.9	—	36	+1	21	+1	76	—	0	21	31	
	CAIRO HELWAN	1009.0	−1.0	0.0	NW	2	3	24.0	−1.5	−0.8	35	0	21	0	75	+8	0	19	35	
	SIWA	1011.4	+1.5	+0.6	—	0	0	23.2	−3.0	−1.0	39	+1	23	+2	74	+12	0	38	7	
RED SEA	SUEZ	1007.2	−1.5	−1.2	N	3	0	25.5	−1.7	−0.7	35	−1	22	−1	80	+6	0	28	26	3
	TOR	1006.2	−1.2	+0.2	NNW	3	0	30.0	+1.2	+2.0	36	+2	27	+3	65	−9	0	11	14	3
	HURGHADA	1006.3	−0.9		NW	5	0	32.2	+1.2		36		26		42		0	0		2
	QOSSEIR																			
UPPER EGYPT	GEBAIL	1010.2	−0.8	+1.0	N	1	0	28.0	0.0	+0.5	38	+1	22	+2	60	0	0	17		
	MINYA	1009.5	−2.9		NNW	1	0	28.5	+0.5	+2.1	38	+1	21	0	55	−10				
	ASSIUT	1009.0	−1.2	+0.9	W	2	0	29.0	−0.6	+1.3	38	+1	24	+1	46	−3	0	7		
	QENA	1007.6	−1.2		W	2	0	32.1	+0.2	+0.9	41	0	25	+1	28	−12				
	MARGA	1008.4	−1.4		—	0	0	31.4	−0.8		41		22		35		0	1		
	ASWAN	1007.8	−1.2	+0.6	—	0	0	32.5	−0.7	+0.3	41	−1	26	0	31	−1				
SUDAN	WADI HALFA	1007.6	−0.4	−0.2	—	0	0	30.0	−1.0	−0.4	43	+2	23	−1	28	+3				
	KERMA	1007.2	−0.3	−0.9	SE	1	0	34.5	−0.5	+2.2	46	+4	27	0	14	−22	0	0	11	
	ATBARA	1007.5	−1.2	−0.6	W	2	0	34.5	−0.5	+3.4	44	+4	28	+2	25	−12	0	3	28	
	KHARTOUM	1009.5	+0.5	+0.5	SW	2	0	30.1	−1.2	+2.0	41	+3	27	+2	42	−21	drops	7	52	
	PORT SUDAN	1006.3	−0.1	+1.2	SE	1	2	36.3	−0.1	+0.1	39	−2	29	+1	23	−17	0	29	116	1
	KASSALA	1010.3	+0.1	−1.1	—	0	—	25.0	−2.0	−1.6	34	0	24	+1	92	+25	0	106	130	
	WAD MEDANI																			
	ROSEIRES	1010.2	−0.4	−1.8	ENE	1	3	23.0	−1.5	−0.7	32	0	22	+1	83	+4	35	326	364	
	EL FASHER	1010.7	+1.2		WNW	1	3	22.0	−5.0	−2.5	36	+2	20	−1	82	+16	42	114	113	
	EL OBEID	1011.0	+0.2	−1.0	WSW	3	4	22.8	−2.2	−2.5	27	−7	17	−5	82	+8	2	341	133	
	KORDOFAN	1015.5	+0.5	+2.7	SSE	1	1	24.5	0.0	+0.1	29	−2	21	0	81	−3	2	309	497	
	WAU	1013.1	+0.4	+1.6	S	3	2	22.0	−4.2	−1.7	32	0	20	0	87	+4	0	491	693	
	KULBA	1013.9	+0.5		NNE	3	2	23.2	−1.1		30		18		89		43	730	654	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	80	+7	24.4	+2.0
Ezbekiya	53	−7	22.8	+0.1
Giza	56	−3	22.2	—
Helwan	45	−3	20.7	+0.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
24.7	1268	2000
23.7	1157	1941

GAUGE	Date 1931	Reading m	Diff from normal m	Rise Reading m	
Juba	24.7	14.28	+0.68	14.52	+0.92
Nasser	23.7	9.19	−0.15	9.15	−0.17
Malakal	24.7	11.32	−0.13	11.31	−0.13
Roseires	24.7	16.13	−0.87	15.80	−1.10
Sennar Res.	23.7	16.49	—	16.02	—
Makwar	23.7	7.55	−2.21	7.70	−1.90
Khartoum	24.7	12.45	−0.95	12.34	−0.95
Kh. el Girba	23.7	13.80	+0.60	14.00	+0.85
Atbara	24.7	12.03	−0.42	12.08	−0.26
Wadi Halfa	24.7	2.71	−0.94	2.59	−0.93
Aswan Res.	24.7	95.03	—	95.01	—
" D.S.	24.7	86.21	−1.29	86.02	−1.38
El Leithi	24.7	17.15	−0.67	17.12	−0.66
Roda (Cairo)	24.7	15.77	+0.02	15.75	+0.02

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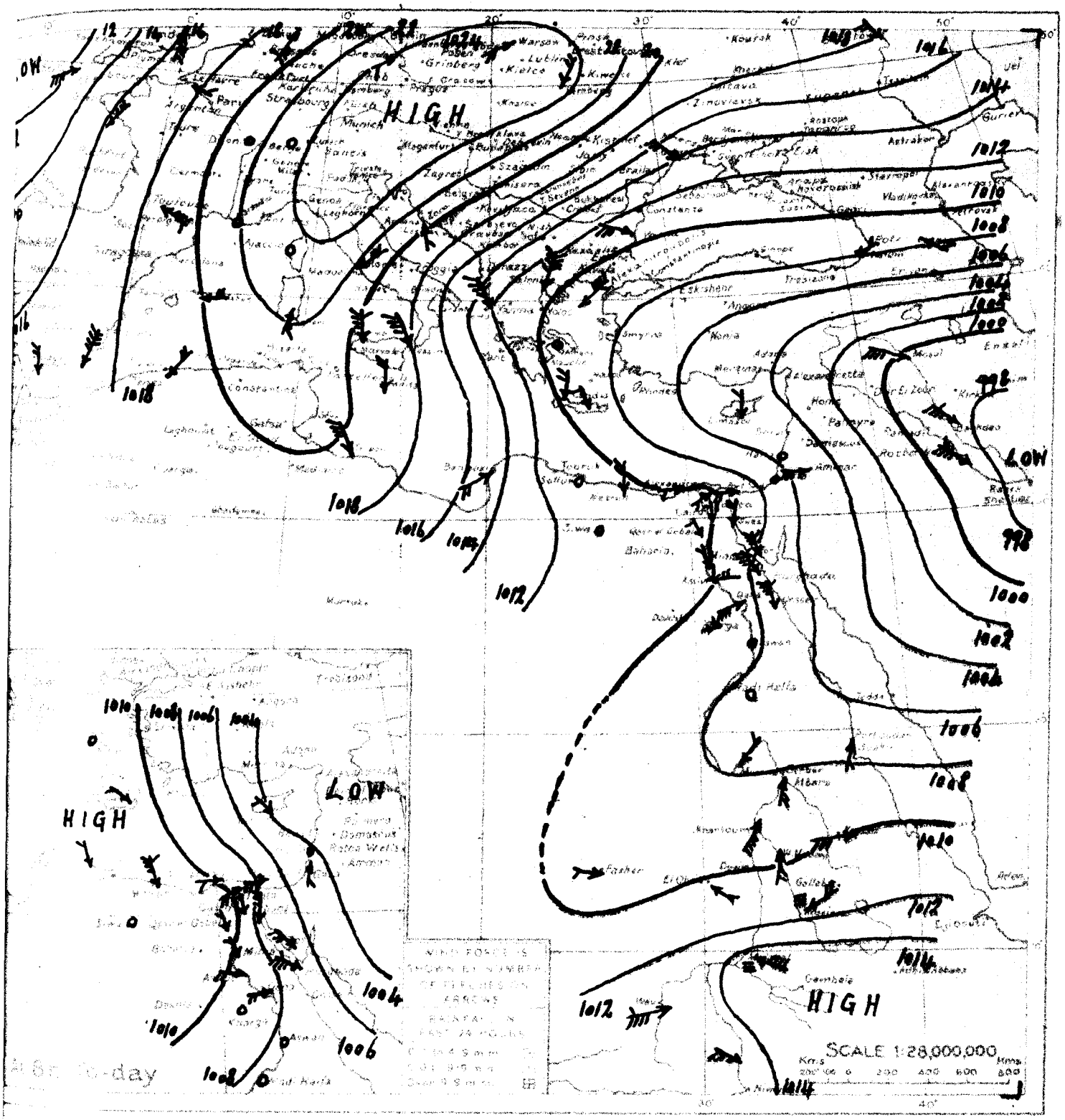
PHYSICAL DEPARTMENT.

REPORT.

٢١-٧-٣٢ Barometer and Wind at 8 h. Yesterday 23.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-٣٢ From Observations taken at 8 h yesterday 23.7.31.

	Station	Barometer: Reducing to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	[illegible]	1021.6	+6.8	+6.8	NE	3	0	22	0	—	29	—	16	—	30	—	—	—	716	—
	MALTA	1018.7	+5.7	+2.1	N	2	0	25	+2	—	27	-3	23	+1	60	—	0	338	428	2
	ATHENS	1009.0	+1.5	-3.8	—	0	0	29	0	—	—	—	—	—	40	—	—	—	367	—
	CANDIA	1009.6	+0.6	-2.2	NW	1	0	29	+1	—	30	+1	20	-2	—	—	0	519	460	2
	LIMASSOL	1005.3	-0.5	-1.8	NNW	1	0	29	+1		32	-1	22	+3	—	—	0	393	464	2
EGYPT and SUDAN	Kassala كسلا	1010.2	-0.1	-1.2	SW	3	2	27.0	0.0	+0.3	36	+2	24	+1	69	+3	0	106	127	—
	El Fasher الفاشر	1009.0	+1.6	—	WNW	1	2	27.0	+3.0	+2.4	35	0	23	+2	63	-3	0	72	110	—
	El Obeid الأبيض	1010.8	+0.4	-1.2	SE	1	4	25.0	+0.5	-0.3	34	0	18	-4	80	+7	0	339	130	—
	Malakal ملكال	1015.0	+3.0	+2.2	SE	4	4	24.5	-0.3	+0.1	34	+3	24	+3	92	+8	1	307	491	—
	Wau واو	1012.7	+1.5	+1.2	SW	5	1	26.2	+3.2	+2.5	33	+1	23	+3	75	-8	0	491	686	—
	Juba جوبا	1013.4	-1.3	—	NW	2	3	24.3	+2.9	—	31	—	18	—	83	—	0	687	650	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 10 m

" " sunset 18 h 53 m

From Observations taken at 8 h. to-day.

Saturday 25th July, 1931 . 1931 السبت 25 يوليه

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Since 1st Sept. 1930	Since 1st Sept. 1929	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.3	-2.3	-1.0	NNW	3	2	27.1	+0.7	+0.7	34	—	19	—	68	+5	0	57	101	4
	MATRUH	1008.8	-1.5	-0.8	NNW	2	3	26.3	+0.5	+0.7	28	0	22	+1	88	+1	0	179	158	3
	ALEXANDRIA	1007.4	-1.9	-2.1	NW	3	1	26.3	0.0	+0.1	30	-1	24	+1	79	+3	0	96	190	3
	PORT SAID	1006.2	-1.8	-1.7	W	3	0	28.0	+0.8	+0.5	34	+3	24	+1	76	+4	0	62	82	3
	GAZA	—	—	—	NW	2	3	27.6	+0.7	0.0	31	+1	22	+2	74	+2	0	251	376	—
	HAIFA	1002.2	-2.4	-3.7	SSW	1	2	30.1	-1.6	+1.1	34	+3	26	+4	73	+4	0	665	647	1
LOWER EGYPT	TANTA	1007.8	-2.9	—	S	2	0	27.5	+0.3	—	34	—	22	—	63		0	35		
	EZBEKIYA	1007.5	-1.6	-1.5	NW	1	3	26.0	+1.0	+0.4	36	+1	23	+2	76	+2	0	17	34	—
	GIZA	1007.8	-1.3	-1.8	NW	2	3	26.6	+1.3	—	37	+2	20	0	72	—	0	21	31	—
	HELWAN	1008.3	-0.7	-0.7	NW	1	3	24.7	+0.7	-0.1	34	-1	22	+1	80	+13	0	19	35	—
	SIWA	1010.0	-1.4	-0.7	—	0	0	24.5	-0.4	-1.7	35	-3	22	+1	78	+16	0	38	7	—
RED SEA	SUEZ	1006.4	-0.8	-2.0	N	2	0	26.9	+1.4	+0.6	35	-1	24	+1	74	0	0	28	26	2
	TOR	1005.4	-0.8	-0.6	NW	5	0	28.5	-1.5	+0.4	36	+2	24	0	70	-4	0	11	14	5
	HURGHADA	1003.9	-2.4		NNW	6	0	31.2	-1.0		36		25		47		0	0		4
	QOSSEIR	1005.0	—	—	N	3	0	33.7	—	—	34	—	28	—	41		0	15		2
UPPER EGYPT	GIRGA	1009.3	-0.9	+0.1	NW	1	0	26.7	-1.3	-0.8	36	-1	22	+2	65	+5	0	17		
	MINYA	1008.3	-1.2		NNE	2	0	26.2	-2.3	-0.2	37	0	22	+1	72	+7				
	ASSIUT	1008.2	-0.8	+0.1	WNW	2	0	27.8	-1.2	+0.1	39	+2	23	0	45	-4	0	7		
	SOHAG	1006.6	-1.0		W	2	0	31.7	-0.4	+0.5	42	+1	25	+1	34	-6				
	KENEH	1007.8	-0.6		NNW	1	0	31.6	+0.2		40		24		40		0	1		
	ASWAN	1007.4	-0.4	+0.2	—	0	0	32.2	-0.3	0.0	42	0	26	0	30	-2				
NORTH SUDAN	WADI HALFA	1006.8	-0.8	-1.0	NNW	1	2	29.6	-0.4	-0.8	44	+3	22	-2	22	-4				
	MERGAE	1006.3	-0.9	-1.8	E	1	0	34.0	-0.5	+1.8	46	+4	27	0	12	-25	0	0	11	
	KORMA	1007.2	-0.3	-0.9	W	2	0	34.5	0.0	+3.5	44	+4	29	+3	25	-12	0	3	29	
	KHARTOUM	1009.1	-0.4	+0.1	SSW	4	2	29.5	-0.6	+1.4	40	+2	26	+1	56	-7	0	7	54	
	FORT SUDAN	1006.0	-0.3	+0.9	SE	1	0	37.5	+1.2	+1.3	39	-2	29	+1	20	-20	0	29	116	1
	KASSALA	1010.3	0.0	-1.2	SW	2	[illegible]	26.0	+1.0	-0.6	36	+2	22	-1	69	+2	0	106	133	
	WAD MEDANI																			
	DONGOLA	1009.4	-0.8	-2.6	NE	1	2	23.5	+0.5	-0.2	28	-4	22	+1	87	+8	0	326	370	
	WADI HALFA	1008.0	-2.2		WNW	1	2	25.5	+3.5	+1.0	35	+1	22	+1	65	-1	0	114	117	
	KHARGA																			
	KHALIGA	1012.8	-2.7	0.0	SE	1	4	24.8	+0.3	+0.4	32	+1	24	+3	96	+12	trace	309	504	
	KURBA																			

Upper Air Observations at Helwan at 8 h.

Height in Metres	Wind Speed Knots	Wind Direction
500	25	NW
1000	30	NW
1500	20	NNW
2000		
3000		

General Situation

9 00

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	79	+6	24.1	+1.7
Ezbekiya	55	-5	21.3	-1.4
Giza	60	+1	21.6	—
Helwan	53	+5	20.4	+0.5

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
25.7	1372	2124
24.7	1268	2000

GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m	m	m	m
Juba	24.7	14.28	+0.68	14.52	+0.92
Nasser	23.7	9.19	-0.15	9.15	-0.17
Malakal	24.7	11.32	-0.13	11.31	-0.13
Roseires	25.7	16.85	-0.28	16.13	-0.87
Sennar Res.	24.7	16.93	—	16.49	—
Makwar	24.7	7.57	-2.33	7.55	-2.21
Khartoum	25.7	12.56	-0.94	12.45	-0.95
Kh. el Girba	23.7	13.80	+0.60	14.08	+0.85
Atbara	24.7	12.03	-0.42	12.08	-0.26
Wadi Halfa	25.7	2.84	-0.91	2.71	-0.94
Aswan Res.	25.7	95.01		95.03	
" D.S.	25.7	86.38	-1.22	86.21	-1.29
El Leithi	25.7	17.16	-0.72	17.15	-0.67
Roda (Cairo)	25.7	15.79	+0.01	15.77	+0.01

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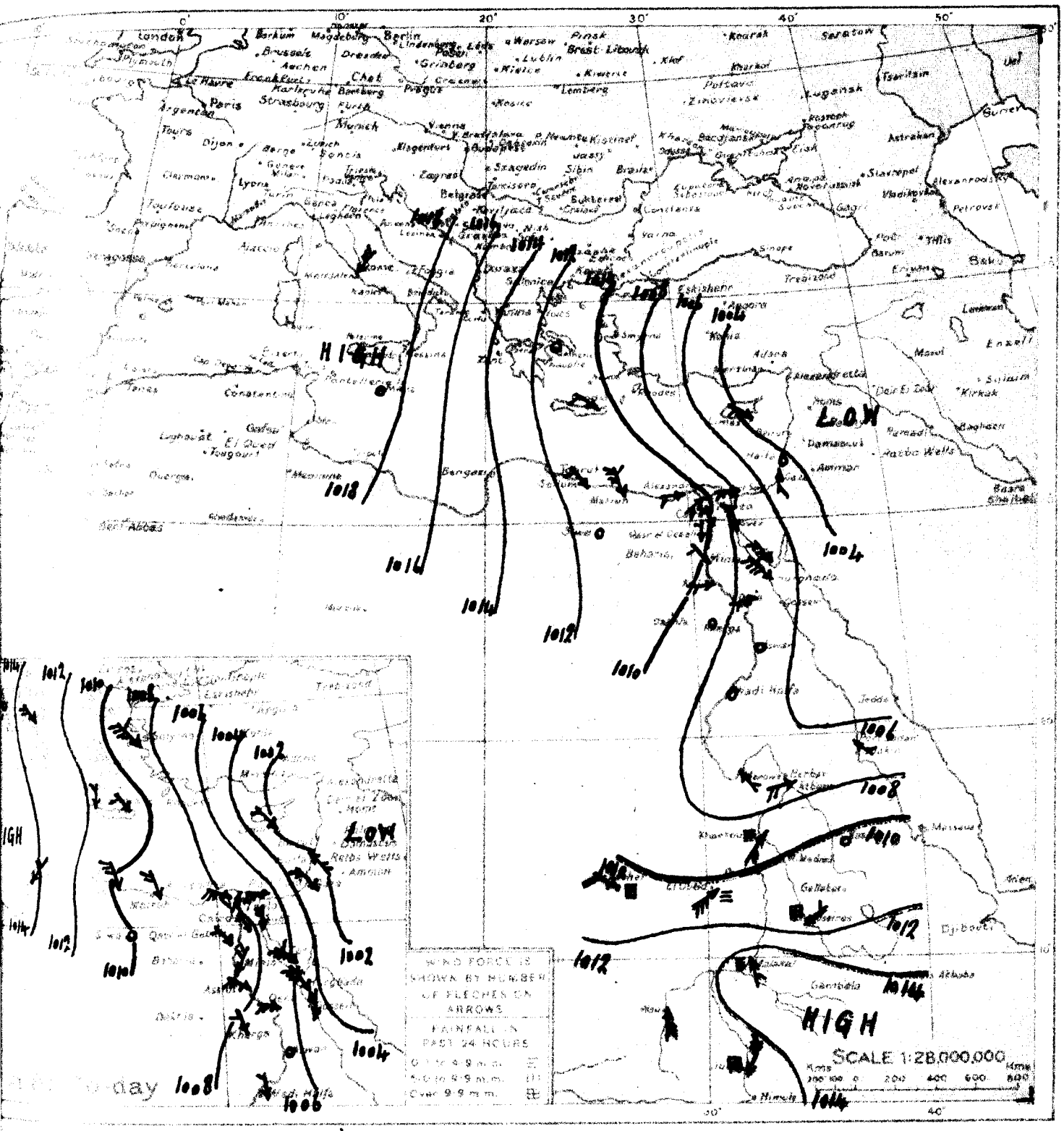
PHYSICAL DEPARTMENT.

REPORT.

.21-V-C2 Barometer and Wind at 8 h. Yesterday 24.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-V-C2 From Observations taken at 8 h yesterday 24.7.31.

	Stations	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.8	-1.8	+5.0	NE	3	3	21	-1	—	29	—	17	—	40	—	—	—	717	—
	SICILIA	1018.1	-0.6	+1.5	—	0	0	25	0	—	27	-3	19	-3	50	—	•	338	428	0
	ATHENS	1011.5	+2.5	-1.3	—	0	1	25	-4	—	—	—	—	—	40	—	—	—	367	—
	CANDIA	1011.4	+1.8	-0.4	NW	1	3	27	-2	—	31	+2	24	+2	—	—	•	519	460	3
	HAMASSOL	1003.4	-1.9	-3.8	WNW	1	1	29	0		32	-1	21	+2	—	—	•	393	464	0
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY W

CAIRO, to-morrow

Time of sunrise 05 10 (h m)

" " sunset 18 52 (h m)

From Observations taken at 8 h. to-day.

Sunday 26th July 1931 ١٩٣١ الاحد ٢٦ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. Maximum	Temperature: Diff. from normal	Temperature: Min. Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Total last year	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1008.8	−0.5	−1.5	NNW	3	1	26.4	−0.7	0.0	31	—	21	—	71	+8	0	57	101	4
	MATRUH	1008.3	−0.5	−1.3	NNW	3	2	26.2	−0.1	+0.6	28	0	22	+1	81	+1	0	179	158	3
	ALEXANDRIA	1008.4	+1.0	−1.1	W	1	1	25.8	−0.5	−0.5	30	−1	24	+1	72	−4	0	96	190	1
	PORT SAID	1006.4	+0.2	−1.5	W	3	0	27.0	−0.2	+0.3	32	+1	23	0	65	−7	0	62	82	3
	GAZA																			
	HAIFA	1003.6	+1.4	−2.3	—	0	0	31.4	+1.3	+2.4	34	+3	26	+4	65	−4	0	665	647	1
LOWER EGYPT	TANTA	1007.8	0.0	—	W	1	0	26.8	−0.7	—	33	—	20	—	64	—	0	35		—
	CAIRO: EZBEKIYA	1007.4	−0.1	−1.6	NNW	2	2	25.9	−0.1	+0.3	35	0	22	+1	69	−5	0	17	34	—
	CAIRO: GIZA	1008.0	+0.2	−1.6	NW	2	2	24.8	−1.8	—	35	0	18	−2	69	—	0	21	31	—
	CAIRO: HELWAN	1007.6	−0.7	−1.4	NNE	2	0	24.3	−0.4	−0.5	33	−2	21	0	66	−1	0	19	35	—
	SIWA	1010.0	0.0	−0.7	—	0	0	24.8	+0.3	−1.4	35	−3	22	+1	79	+17	0	38	7	—
RED SEA	SUEZ	1006.4	0.0	−2.1	N	2	1	25.0	−1.9	−1.3	36	0	22	−1	80	+6	0	28	26	2
	TOR	1004.8	−0.6	−1.2	NW	5	0	28.2	−0.3	+0.1	34	0	25	+1	76	+2	0	11	14	5
	HURGHADA	1004.2	+0.3	—	NNW	5	0	30.9	−0.3		34	—	24		53		0	0		3
	QOSSEIR	1004.8	−0.2	—	N	5	0	31.0	−2.7	—	34	—	27		58		0	15		4
UPPER EGYPT	BENI SUEF	1008.6	−0.7	−0.6	NW	1	0	26.4	−0.3	−1.2	37	0	22	+2	63	+3	0	17		
	MINYA	1007.2	−1.1	—	NNE	2	0	26.5	+0.3	+0.1	35	−2	22	+1	66	+1				
	ASSIUT	1007.0	−1.2	−1.1	W	2	0	28.2	+0.4	+0.5	35	−2	23	0	50	+1	0	7		
	GIRGA	1006.0	−0.6	—	WSW	3	0	30.9	−0.8	−0.4	41	0	25	+1	30	−11				
	KHARGA	1007.0	−0.8	—	NE	1	0	31.3	−0.3		39	—	22		43		0	1		
	ASWAN	1006.2	−1.2	−1.0	—	0	0	31.8	−0.4	−0.4	40	−2	25	−1	37	+5				
SUDAN	WADI HALFA	1005.9	−0.9	−2.0	—	0	0	30.0	+0.4	−0.4	43	+2	24	0	26	0				
	WADI RAMLA																			
	TOKAR																			
	KHARTOUM	1006.0	−3.1	−3.1	SW	3	2	32.6	+3.1	+4.6	[illegible]	—	[illegible]	—	37	−27	0	7	56	
	PORT SUDAN	1005.4	−0.6	+0.3	E	1	0	33.8	−3.7	−2.4	40	−1	26	−2	39	−1	0	29	116	1
	KASSALA																			
	WAD MEDANI																			
	ADDIS ABEBA	1007.9	—	−4.1	ENE	1	3	25.5	+2.0	+1.8	33	+1	23	+2	80	+1	0	326	376	
	DIRE DAWA	1009.3	+1.3		WSW	1	1	26.0	+0.5	+1.6	39	+5	22	+1	66	−1	0	114	120	
	ASMARA	1011.5	−1.3	−1.3	SE	1	4	24.8	0.0	+0.4	34	+3	22	+1	83	−1	8	317	510	
	WAG HEMRA																			
	BERBERA																			

Upper Air Observations at 8.30 a.m.

Height in metres	Speed per hour	Direction
500	5	NNE
1000	15	NNW
1500	5	NW
2000	10	N
3000	15	N

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	76	+3	23.5	+1.1
Ezbekiya	63	+3	23.0	+0.3
Giza	61	+2	22.3	—
Helwan	57	+9	21.2	+1.3

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
25.7	1372	2124
24.7	1268	2000

GAUGE	Date	Reading	Diff. from normal	Rise: Reading	Rise: Diff. from normal
	1931	m	m	m	m
Juba	25.7	13.98	+0.37	14.28	+0.68
Nasser	23.7	9.19	−0.15	9.15	−0.17
Malakal	25.7	11.33	−0.13	11.32	−0.13
Roseires	25.7	16.85	−0.28	16.13	−0.87
Sennar Res.	25.7	17.10	—	16.93	—
Makwar	25.7	7.74	−2.32	7.57	−2.33
Khartoum	26.7	12.58	−1.02	12.56	−0.94
Kh. el Girbd	25.7	13.60	+0.22	13.50	+0.23
Atbara	24.7	12.03	−0.42	12.08	−0.26
Wadi Halfa	26.7	2.95	−0.94	2.84	−0.91
Aswan Res.	25.7	95.31	—	95.03	—
" D.S.	25.7	86.38	−1.22	86.21	−1.29
El Leithi	26.7	16.17	−0.79	16.16	−0.72
Roda (Cairo)	26.7	15.79	−0.02	15.79	+0.21

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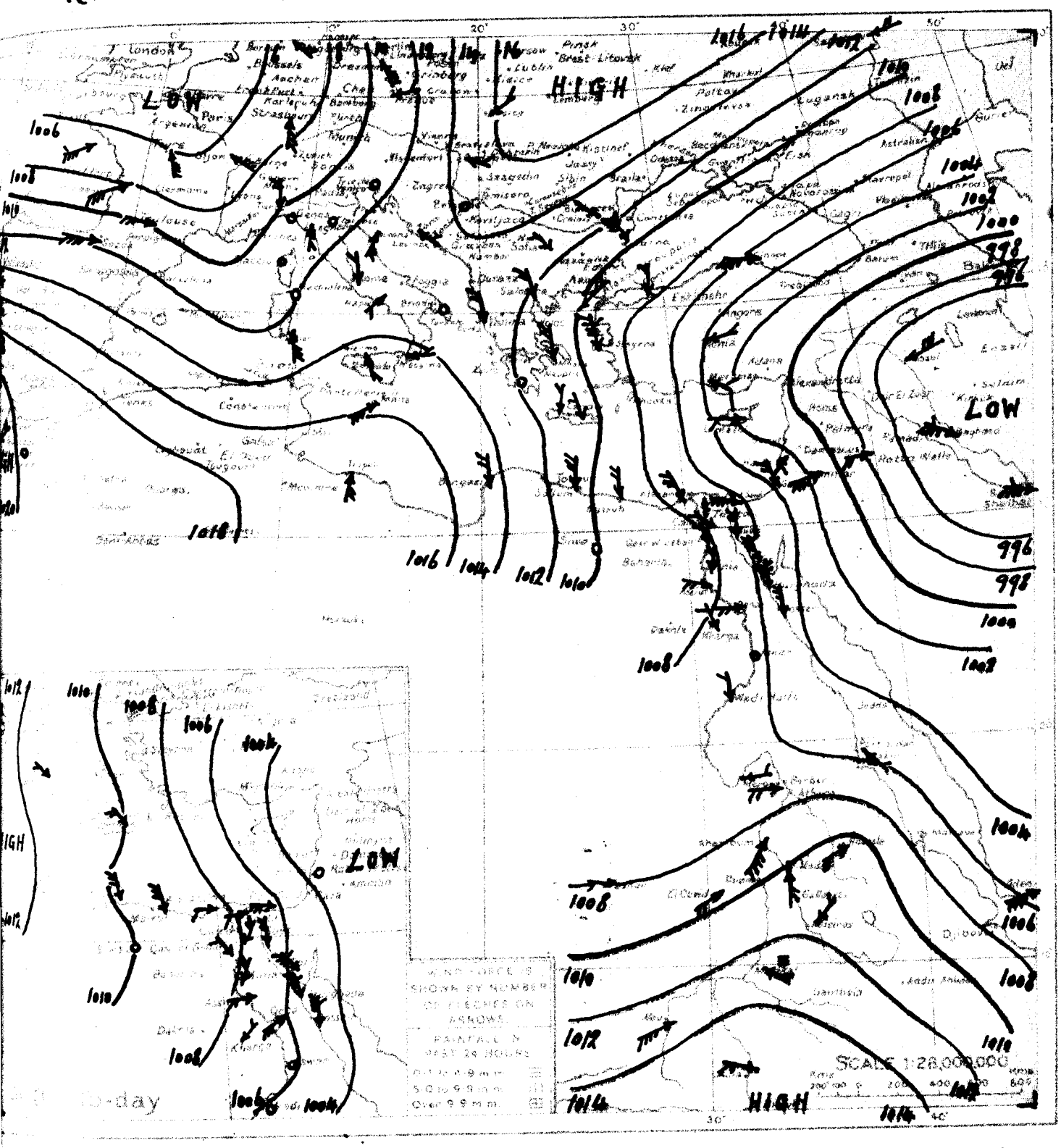
PHYSICAL DEPARTMENT.

REPORT.

.٢١ - V - CO Barometer and Wind at 8 h Yesterday 25.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١ - V - CO From Observations taken at 8 h yesterday 25.7.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	TOME	1013.0	-6.8	-1.8	N	1	4	23	+2	—	31	—	17	—	50	—	—	—	718	—
	MALTA	1014.9	-3.2	-1.7	SW	3	0	24	-1	—	29	-1	20	-2	60	—	0	338	428	2
	ATHENS	1010.4	-1.1	-2.4	NNW	2	0	26	+1	—	—	—	—	—	40	—	—	—	367	—
	CANDIA	1010.8	-0.6	-1.0	NW	1	0	27	0	—	29	0	23	+1	—	—	0	519	460	4
	LIMASSOL	1001.4	-2.0	-5.8	WNW	1	1	29	0		33	0	22	+3	—	—	0	393	464	0
EGYPT and SUDAN	Wad Medani	1009.8	—	-0.8	S	2	1	26.4	—	+0.5	35	-1	22	0	37	-31	0	140	157	—
	El Obeid	1009.4	-1.6	-2.6	SW	2	2	27.7	+4.9	+2.5	34	0	21	-1	69	-5	0	341	136	—
	Wau	1012.0	-1.1	+0.5	SW	4	3	24.1	+2.1	+0.4	33	+1	21	+1	79	-4	0	491	699	—
	Juba	1015.0	+1.1	—	WNW	2	3	22.0	-1.2	—	30	—	18	—	90	—	0	730	659	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 11 m

" " sunset 18 h 52 m

From Observations taken at 8h. to-day.

Monday 27th July, 1931 ١٩٣١ الاثنين ٢٧ يوليه

STATION	Barometer: Reduced to Sea Level (m.b)	Barometer: Change in past 24 hours (m.b)	Barometer: Diff. from normal (m.b)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total since 1st Oct. last (mm)	Rainfall: Total since 1st Oct. last year (mm)	Sea
MEDITERRANEAN: SOLLUM	1008.8	0.0	-1.5	NNW	3	0	27.1	+0.7	+0.7	32		23		78	+15	0	57	101	4
MATRUH	1007.9	-0.4	-1.7	NNW	4	1	26.3	+0.1	+0.7	28	0	23	+2	88	+8	0	179	158	4
ALEXANDRIA	1006.4	-2.0	-3.1	WNW	1	2	27.0	+1.2	+0.7	31	0	24	+1	79	+3	0	96	190	2
PORT SAID	1006.8	+0.4	-1.1	SW	2	2	28.2	+0.4	+0.7	33	+2	23	0	70	-2	0	62	82	1
GAZA	—	—	—	—	0	0	27.4	-0.5	-0.2	30	0	20	0	71	-1	0	251	376	
HAIFA	1004.6	+1.0	-1.3	—	0	2	30.5	-0.9	+1.4	34	+3	26	+4	70	+1	0	665	647	1
LOWER EGYPT: TANTA	1007.4	-0.4	—	SW	1	2	26.7	-0.1	—	34	—	22		74		0	35		
EZBEKIYA	1007.5	+0.1	-1.5	NNW	2	2	27.0	+1.1	+1.4	35	0	24	+3	64	-10	0	17	34	
GIZA	1008.0	0.0	-1.5	NNW	2	2	25.2	+0.4	—	34	-1	21	+1	80	—	0	21	31	
HELWAN	1007.2	-0.4	-1.8	NNE	2	1	25.9	+1.6	+1.1	33	-2	22	+1	67	0	0	19	35	
SIWA	1009.3	-0.7	-1.4	—	0	0	24.9	+0.1	-1.3	44	—	22	+1	85	+23	0	38	7	
RED SEA: SUEZ	1005.9	-0.5	-2.6	N	1	0	26.5	+1.5	+0.2	35	-1	23	0	77	+3	0	28	26	1
TOR	1005.6	+0.8	-0.4	NW	4	0	28.7	+0.5	+0.5	35	+1	25	+1	81	+7	0	11	14	4
HURGHADA	1005.8	+1.6		NNW	5	0	29.8	-1.1		34		24		67		0	0		3
QOSSEIR	1005.6	+0.8	—	N	3	0	32.5	+1.5	—	33	—	25	—	40		0	15		3
UPPER EGYPT: DEBAI	1008.7	+0.1	-0.5	N	1	0	27.0	+0.6	-0.6	35	-2	23	+3	69	+9	0	17		
MINIA	1007.6	+0.4		NNE	1	0	27.0	+0.5	+0.6	35	-2	22	+1	69	+4				
ASSIUT	1007.6	+0.6	-0.5	WNW	2	0	27.8	-0.4	+0.1	36	-1	23	0	52	+3	0	7		
QENA	1006.3	+0.3		WSW	2	0	31.2	+0.3	-0.1	41	0	25	+1	32	-9				
LUXOR	1006.8	-0.2		—	0	0	30.8	-0.5		39		20		48		0	1		
ASWAN	1006.2	0.0	-1.0	—	0	0	31.7	-0.1	-0.5	39	-3	26	0	35	+3				
WADI HALFA	1005.9	0.0	-2.0	—	0	0	28.4	-1.6	-2.0	42	+1	23	0	27	+1				
SOUAKIN	1005.8	+0.3	-2.3	NE	1	0	33.5	0.0	+1.5	45	+3	26	-1	13	-25	0	0	12	
KHARTOUM	1007.2	0.0	-0.9	SW	4	0	34.0	-0.5	+3.1	44	+4	29	+3	31	-7	0	3	30	
KASSALA	1007.1	+1.1	-2.0	SSW	4	1	30.5	-2.1	+2.5	43	+5	26	+1	41	-23	0	7	57	
FORT SUDAN	1005.1	-0.3	0.0	E	1	2	38.1	+4.3	+1.9	39	-2	27	-1	24	-16	0	29	117	1
[illegible]	1008.8	+0.9	-2.7	SW	1	0	27.0	-2.0	+0.5	38	+4	23	0	63	-5	0	106	140	
[illegible]	1010.0	+2.8	-0.6	SW	2	1	25.0	-6.0	-0.8	37	+2	21	-1	77	+8	9	149	164	
[illegible]	1009.9	+2.0	-2.1	ENE	1	2	25.0	-0.5	+1.3	34	+2	21	0	76	-3	0	326	382	
[illegible]	1006.4	-2.9		WSW	1	1	26.0	0.0	+1.6	37	+3	21	0	55	-12	6	120	124	
[illegible]	1011.4	+2.6	-0.7	SSE	2	4	25.5	-1.7	+0.3	36	+3	19	-3	59	-15	2	343	142	
[illegible]	1011.8	+0.3	-1.0	SSE	2	4	24.6	-0.2	+0.2	35	+4	23	+2	83	-2	0	317	516	
[illegible]	1009.8	-0.5	-1.7	S	3	1	25.0	-0.8	+1.3	31	-1	22	+2	80	-3	40	531	712	
[illegible]	1012.2	-0.1		SW	2	2	24.2	+0.3		32		20		78		0	730	668	

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	74	+1	23.7	+1.3
Ezbekiya	57	-3	22.7	0.0
Giza	59	-1	21.8	—
Helwan	47	-1	20.2	+0.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT. 150 "

Remarks

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

DATE	1931	1930
26.7	1485	2406
25.7	1372	2124

GAUGE	Date	Reading	Diff from normal	Previous Reading	Diff from normal
	1931	m.	m.	m.	
Juba	25.7	13.98	+0.37	14.28	+0.68
Nasser	25.7	9.26	-0.13	9.24	-0.12
Malakal	25.7	11.33	-0.13	11.32	-0.13
Roseires	25.7	16.88	-0.38	16.85	-0.28
Sennar Res.	26.7	17.20	—	17.20	—
Makwar	27.7	8.78	-1.57	8.28	-1.92
Khartoum	27.7	12.58	-1.02	12.56	-0.94
Kh. el Girba	26.7	13.60	+0.22	13.50	+0.23
Atbara	25.7	11.80	-0.87	11.70	-0.85
Wadi Halfa	26.7	2.95	-0.94	2.84	-0.91
Aswan Res.	26.7	95.01	—	95.01	—
" D.S.	26.7	86.56	-1.14	86.38	-1.22
El Leithi	26.7	17.17	-0.77	17.16	-0.72
Roda (Cairo)	26.7	15.79	-0.02	15.79	+0.01

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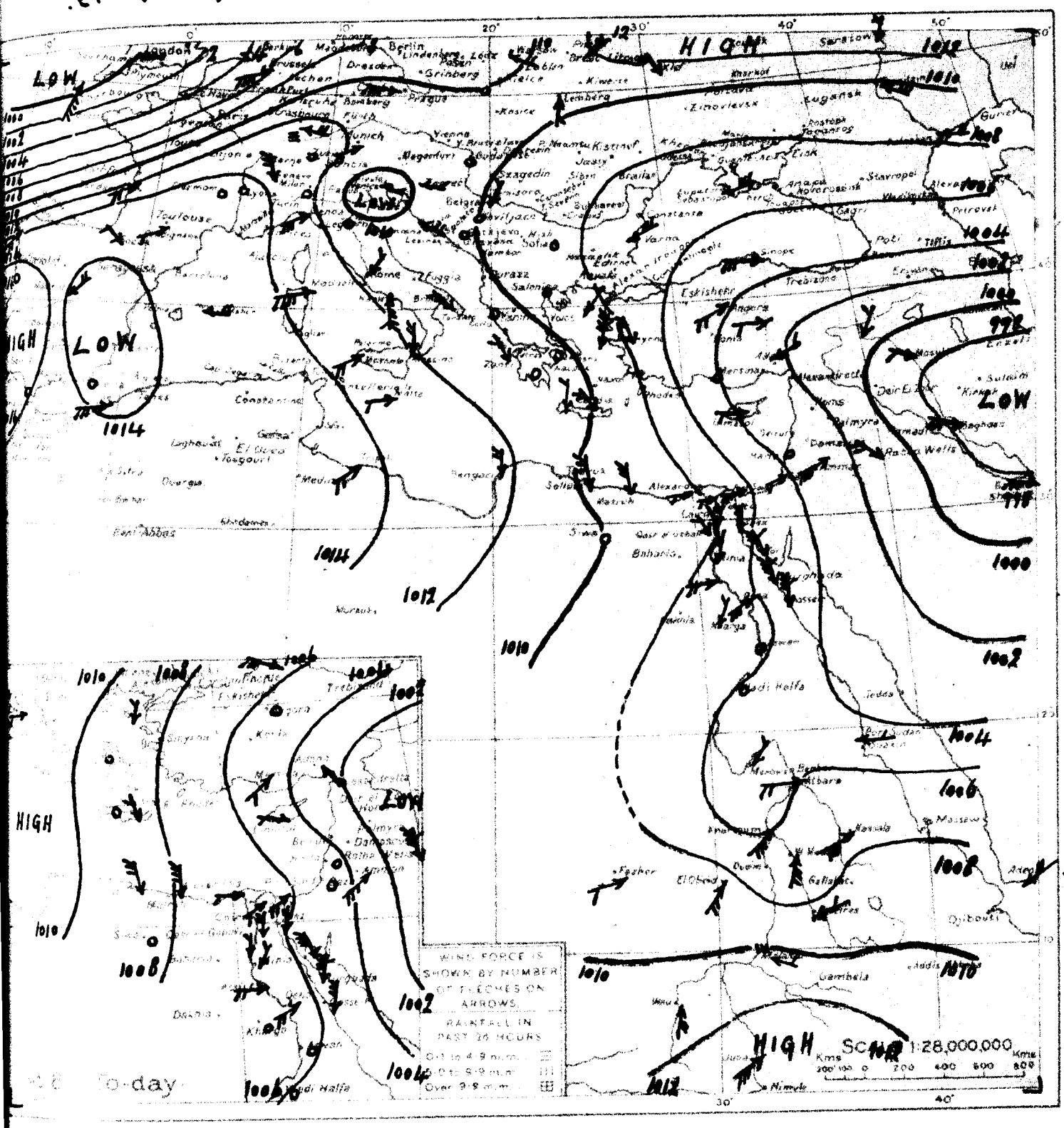
PHYSICAL DEPARTMENT.

REPORT.

٢١-٧-٢٦ Barometer and Wind at 8 h. Yesterday 26.7.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٧-٢٦ From Observations taken at 8 h yesterday. 26.7.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.9	-1.1	-2.9	NE	1	2	26	+3	—	32	—	20	—	50	—	—	—	718	—
	MALTA	1012.6	-2.3	-4.0	WNW	1	0	28	+4	—	30	0	23	+1	60	—	0	338	428	0
	ATHENS	1010.2	-0.2	-2.6	—	0	0	28	+2	—	—	—	—	—	40	—	—		368	
	CANDIA	1010.0	-0.8	-1.8	NW	2	1	28	+1		29	0	24	+2	—	—	0	519	460	3
	LIMASSOL	1002.2	+0.8	-5.0	WNW	1	0	29	0		33	0	19	0			0	393	464	1
EGYPT and SUDAN	Gaza	—	—	—	SW	1	1	27.9	+0.3	+0.3	30	0	23	+3	69	-3	0	251	376	—
	Merowe	1005.5	-0.8	-2.6	NE	1	0	33.5	-0.5	+1.4	46	+4	27	0	9	-28	0	0	11	—
	Atbara	1007.2	0.0	-0.9	W	2	0	34.5	0.0	+3.5	44	+4	28	+2	27	-11	0	3	30	—
	Kassala	1007.9	-2.4	-3.6	SW	3	0	29.0	+3.0	+2.4	36	+9	25	+2	64	-3	0	106	137	—
	Wad Medani	1007.2	-2.6	-3.4	S	3	2	31.0	+4.6	+5.1	38	+3	26	+4	50	-19	0	140	160	—
	El Obeid	1008.3	-0.6	-3.2	SSW	2	4	27.2	-0.5	+2.0	36	+2	23	+1	69	-5	0	341	139	—
	Wau	1010.3	-1.7	-1.2	S	2	3	25.8	+1.7	+2.1	34	+2	24	+4	87	-1	0	491	705	—
	Juba	1012.3	-2.7	—	SW	3	1	23.9	+1.9	—	31	—	18	—	77	—	0	730	663	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 11 m

" " sunset 18 h 51 m

From Observations taken at 8 h. to-day.

Tuesday 28th July, 1931 ١٩٣١ الثلاثاء ٢٨ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total to 8 h. (yesterday)	Rainfall: Total since 1st Oct. (yesterday)	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1008.7	−0.1	−1.6	—	0	0	26.1	−1.0	−0.3	35	—	20	—	78	+14	0	57	101	0
	MATRUH	1008.2	+0.3	−1.4	NNW	2	3	24.7	−1.6	−0.9	28	0	22	+1	96	+16	0	179	158	2
	ALEXANDRIA	1007.5	+1.1	−2.0	W	1	0	26.6	−0.4	+0.3	32	+1	23	0	77	+1	0	96	190	0
	PORT SAID	1006.6	−0.2	−1.3	SE	3	0	30.0	+1.8	+2.5	33	+2	26	+2	61	−11	0	62	82	2
	GAZA	—	—	—	—	0	0	27.7	+0.3	0.0	32	+2	20	0	71	−1	0	251	376	
	HAIFA	1004.6	0.0	−1.4	—	0	0	32.2	+1.7	+3.1	35	+4	26	+4	65	−4	0	665	647	1
LOWER EGYPT	TANTA	1006.6	−0.8	—	N	1	0	30.0	+3.3	—	36	—	23	—	60	—	0	35		
	CAIRO: EZBEKIYA	1006.2	−1.3	−2.8	WNW	1	0	29.2	+2.2	+3.6	36	+1	24	+3	65	−9	0	17	34	
	CAIRO: GIZA	1006.6	−1.4	−2.9	—	0	0	28.8	+1.6	—	36	+1	22	+2	75	—	0	21	31	
	CAIRO: HELWAN	1006.4	−0.8	−2.6	—	0	0	28.0	+2.1	+3.2	37	+2	24	+3	58	−9	0	19	35	
	SIWA	1007.2	−2.1	−3.5	—	0	0	28.5	+3.6	+2.3	38	0	23	+2	61	−1	0	38	7	
RED SEA	SUEZ	1005.1	−0.8	−3.4	N	1	0	30.5	+4.0	+4.2	38	+2	24	+1	62	−12	0	28	26	1
	TOR	1005.6	0.0	−0.4	—	0	0	29.0	+0.3	+0.7	37	+3	24	0	85	+11	0	11	14	0
	HURGHADA	1006.0	+0.2		NNW	4	0	32.2	+2.4		37		23		61		0	0		2
	QOSSEIR	1005.9	+0.3	—	N	2	0	33.5	+1.0	—	34	—	28	—	42		0	15		2
[illegible]	[illegible]	1007.8	−0.9	−1.4	NW	1	0	29.0	+2.0	+1.4	35	−2	24	+4	61	+1	0	17		
	[illegible]	1006.6	−1.0		S	1	0	28.5	+1.5	+2.1	35	−2	22	+1	55	−10				
	[illegible]	1007.5	−0.1	−0.6	NNE	2	0	30.2	+2.4	+2.5	37	0	22	−1	35	−14	0	7		
	[illegible]	1006.8	+0.5		W	2	0	31.0	−0.2	−0.3	41	0	25	+1	38	−3				
	[illegible]	1007.0	+0.2	—	—	0	0	31.0	+0.2	—	39	—	22	—	41		0	1		
	[illegible]	1007.4	+1.2	+0.2	—	0	0	31.5	−0.2	−0.7	41	−1	25	−1	37	+5				
[illegible]	[illegible]	1006.4	+0.5	−1.5	NW	1	0	30.0	+1.6	−0.4	42	+1	24	+1	32	+6				
	[illegible]	1008.4	+2.6	+0.3	SE	8	3	31.0	−2.5	−1.0	44	+2	27	0	13	−25	0	0	12	
	[illegible]	1009.3	+2.2	+0.2	SSW	4	3	26.9	−3.6	−1.0	39	+1	23	−2	60	−5	drops	7	59	
	[illegible]	1007.4	+2.3	+2.2	S	1	0	37.2	−0.9	+1.0	40	−1	28	0	26	−14	0	29	117	1
	[illegible]	1010.3	+0.4	−1.7	ENE	1	3	23.0	−2.0	−0.7	31	−1	21	0	83	+4	2	328	388	
	[illegible]	1007.1	+0.7		SSE	1	2	24.5	−1.5	+0.1	38	+4	23	+2	68	+1	0	120	127	
	[illegible]	1012.7	+0.9	−0.1	SE	1	4	23.0	−1.6	−1.4	28	−3	21	0	88	+3	12	329	522	

Upper Air Observations at Helwan at 8 h. P.T.

Height in Metres	Speed in Knots	Direction
		8.15
500	15	ESE
1000	10	SSE.
1500	20	S
2000	35	S
3000	20	S

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature: Diff from normal
	%	%	°C	°C
Alexandria	84	+11	25.1	+2.6
Ezbekiya	55	−5	22.9	+0.1
Giza	65	+5	22.6	—
Helwan	45	−3	21.3	+1.4

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

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

DATE	1931	1930
28.7	1679	3007
27.7	1579	2744

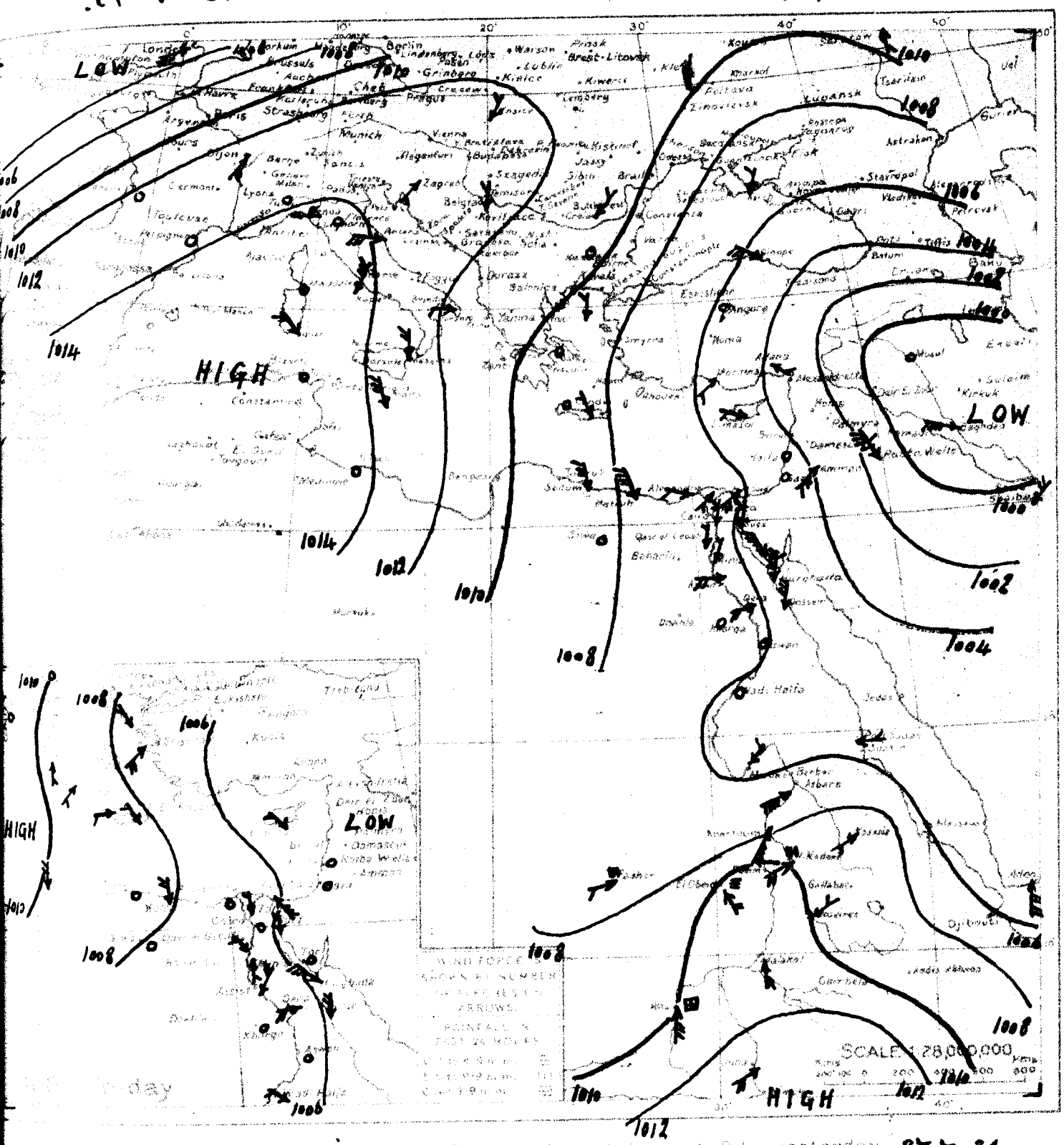
GAUGE	Date 1931	Reading m	Diff from normal m	Rise Reading m	Rise Diff from normal m
Juba	27.7	13.92	+0.30	14.22	+0.61
Nasser	27.7	9.31	−0.11	9.28	−0.13
Malekal	27.7	11.35	−0.14	11.34	−0.13
Roseires	28.7	17.55	+0.07	17.12	−0.24
Sennar Res.	27.7	17.20	—	17.20	—
Makwar	27.7	8.78	−1.57	8.28	−1.92
Khartoum	28.7	12.76	−1.06	12.62	−1.08
Kh. el Girbi	26.7	13.40	−0.04	13.60	+0.22
Atbara	28.7	12.14	−0.78	11.88	−0.90
Wadi Halfa	28.7	3.23	−0.92	3.08	−0.92
Aswan Res	28.7	95.02	—	95.00	—
" D.S.	28.7	86.85	−1.13	86.70	−1.12
El Leithi	28.7	17.20	−0.88	17.19	−0.84
Roda (Cairo)	28.7	15.79	−0.09	15.79	−0.06

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٧-٣١ Barometer and Wind at 8 h. Yesterday 27.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٧-٣١ From Observations taken at 8 h yesterday 27.7.31.

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Max. yesterday	Temperature: Diff. from normal	Temperature: Min.	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st yesterday	Rainfall: Normal from Oct. 1st yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
[illegible]ME	1014.3	+2.4	-0.5	NE	3	0	24	-2	—	31	—	20	—	40	—	—	—	719	—
[illegible]LTA	1012.8	+0.2	-3.8	NW	3	1	28	0	—	34	+4	24	+2	40	—	0	338	428	2
[illegible]THENS	1009.5	-0.7	-3.3	—	0	0	29	+1	—	—	—	—	—	40	—	—	—	368	—
[illegible]NDIA	1009.5	-0.5	-2.3	NW	1	0	32	+4	—	32	+3	22	0	—	—	0	519	460	1
[illegible]MASSOL	1004.6	+2.4	-2.6	WNW	1	0	28	-1		32	-1	19	0	—	—	0	393	464	1

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 5 h 12 m

" " sunset 18 h 50 m

From Observations taken at 8h. to-day.

Wednesday 29th July, 1931 — الاربعاء ٢٩ يوليه ١٩٣١

	STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff from normal (mb)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff from normal (°C)	Maximum Yesterday (°C)	Diff from normal (°C)	Minimum (°C)	Diff from normal (°C)	Humidity: At 8 h (%)	Humidity: Diff from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 - Yesterday (mm)	Rainfall: Total from Oct. 1 - Previous year (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1010.2	+1.5	−0.1	NW	1	0	26.7	+0.6	+0.3	32	—	21	—	68	+4	0	57	101	1
	MATRUH	1008.3	+0.1	−1.3	NNW	1	1	26.3	+1.6	+0.6	29	+1	22	+1	79	−1	0	179	158	1
	ALEXANDRIA	1007.6	+0.1	−2.0	W	1	1	26.0	−0.6	−0.4	32	+1	23	0	80	+4	0	96	190	1
	PORT SAID	1007.2	+0.6	−0.7	NW	3	0	29.9	−0.1	+2.3	32	+1	25	+1	76	+4	0	62	82	1
	GAZA	—	—	—	—	0	0	29.6	+1.9	+1.9	33	+3	22	+2	70	−2	0	251	576	
	HAIFA	1004.4	−0.2	−1.6	—	0	0	32.9	+0.7	+3.8	33	+2	26	+4	59	−10	0	665	647	1
LOWER EGYPT	TANTA	1007.6	+1.0	—	W	1	0	28.0	−2.0	—	37	—	23	—	77		0	35		
	CAIRO: EZBEKIYA	1007.4	+1.2	−1.6	WNW	1	1	27.0	−2.2	+1.3	40	+5	24	+3	83	+9	0	17	34	
	CAIRO: GIZA	1007.6	+1.0	−1.9	NNW	1	0	26.7	−0.1	—	40	+5	22	+2	84	—	0	21	31	
	CAIRO: HELWAN	1007.2	+0.8	−1.8	NW	1	0	27.0	−1.0	+2.1	40	+5	24	+3	76	+9	0	19	35	
	SIWA	1009.1	+1.9	−1.6	—	0	0	29.9	+1.4	+3.7	40	+2	23	+2	53	−9	0	38	7	
RED SEA	SUEZ	1006.0	+0.9	−2.5	N	2	0	29.0	−1.5	+2.7	40	+4	24	+1	79	+5	0	28	26	3
	TOR	1006.2	+0.6	+0.2	—	0	0	29.1	+0.1	+0.8	35	+1	25	+1	85	+11	0	11	14	0
	HURGHADA	1006.4	+0.4	—	NNE	3	0	31.0	−1.2		36		25		—		0	0		1
	QOSSEIR	1005.9	0.0	—	N	3	0	32.7	−0.8	—	34	—	27	—	33		0	15		3
[illegible]	[illegible]	1008.3	+0.5	−0.9	NW	1	0	29.0	0.0	+1.4	38	+1	24	+3	64	+4	0	7		
	[illegible]	1007.4	+0.8	—	NNE	1	0	29.5	+1.0	+3.1	39	+2	24	+3	70	+4				
	[illegible]	1007.9	+0.4	−0.2	WSW	2	0	29.9	−0.3	+2.2	40	+3	25	+2	51	+2	0	7		
	[illegible]	1007.2	+0.4	—	WNW	2	0	30.5	−0.5	−0.8	41	0	24	0	34	−7				
	[illegible]	1007.9	+0.9	—	—	0	0	30.8	−0.2	—	40	—	22	—	41		0	1		
	[illegible]	1007.4	0.0	+0.2	—	0	0	33.4	+1.9	+1.2	43	+1	27	+1	36	+4				
[illegible]	WADI HALFA	1007.1	+0.7	−0.8	—	0	0	32.4	+2.4	+2.0	44	+3	25	+2	23	−4				
	[illegible]	1007.5	−0.9	−0.6	SE	2	0	33.5	+2.5	+1.6	44	+2	28	+1	24	−15	0	0	12	
	[illegible]	1008.0	−1.3	−0.1	SW	2	1	35.0	+3.5	+4.2	43	+3	28	+2	26	−13	0	3	32	
	KHARTOUM	1009.6	+0.3	+0.5	SSW	4	1	30.2	+3.3	+2.3	37	−1	26	+1	52	−13	0	7	60	
[illegible]	[illegible]	1007.5	+0.1	+2.3	SE	1	0	35.4	−1.8	−0.8	41	0	29	+1	31	−9	0	29	117	1
[illegible]	[illegible]	1009.9	−0.4	−2.1	NE	1	4	25.0	+2.0	+1.3	32	0	23	+2	84	+5	0	328	394	
[illegible]	[illegible]	1011.6	−1.1	−1.2	SE	1	2	27.9	+4.9	+3.5	31	0	22	+1	73	−12	0	329	528	
[illegible]	[illegible]	1012.6	+0.2	—	NNE	2	1	25.1	+2.2	—	31	—	19	—	81		0	732	677	

[illegible] wind observation [illegible] at 8.15 a.m.

[illegible]	Force	Direction
500	10	NE
1000	15	NNW
1500	15	WNW
2000	15	W
3000		

General Situation — [illegible]

Forecast for 24 hours from noon to-day. — [illegible]

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	80	+7	24.7	+2.2
Ezbekiya	61	+1	25.0	+2.2
Giza	62	+2	23.5	—
Helwan	36	−12	21.4	+1.4

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by gauges m 3 per sec

DATE	1931	1930
28.7	1679	3007
27.7	1579	2744

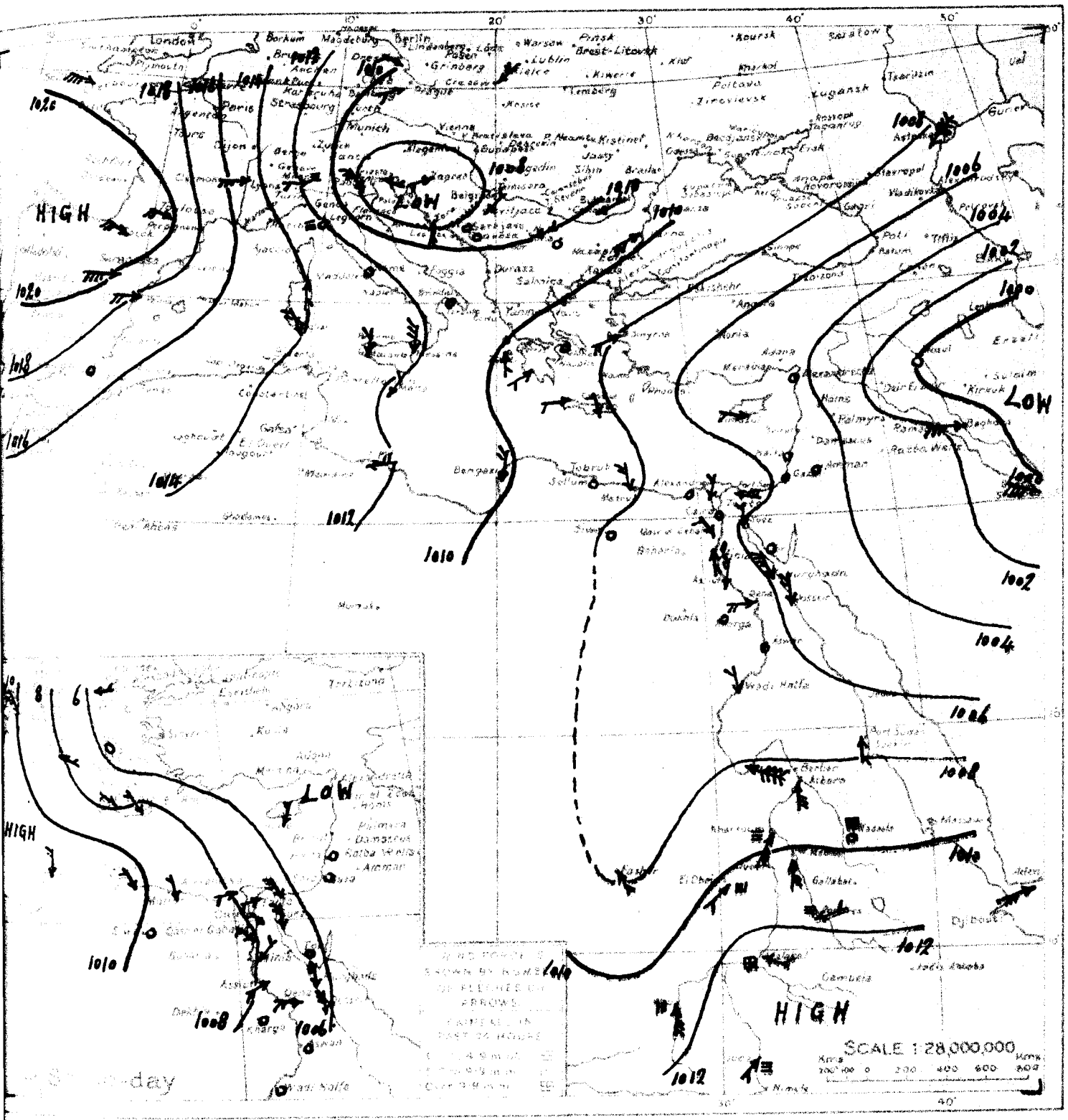
GAUGE	Date	Reading	Diff from normal	Rise	
	1931	m	m	m	
Juba	28.7	13.85	+0.22	13.92	+0.30
Nasser	28.7	9.35	−0.09	9.31	−0.11
Malakal	28.7	11.37	−0.13	11.35	−0.14
Roseires	29.7	18.42	+0.82	17.55	+0.07
Sennar Res.	28.7	17.20	—	17.20	—
Makwar	28.7	8.90	−1.60	8.78	−1.57
Khartoum	29.7	13.02	−0.92	12.76	−1.06
Kh. el Girba	27.7	13.40	−0.04	13.60	+0.22
Atbara	28.7	12.14	−0.72	11.88	−0.90
Wadi Halfa	29.7	3.45	−0.85	3.23	−0.92
Aswan Res.	29.7	95.02	—	95.00	—
" D.S.	28.7	86.85	−1.13	86.70	−1.12
El Leithi	29.7	17.24	−0.93	17.20	−0.88
Roda (Cairo)	29.7	15.77	−0.14	15.79	−0.09

PRINTED AT THE SURVEY OF EGYPT (529(29/609/1)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٨-٧-٣١ Barometer and Wind at 8 h Yesterday 28.7.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Haze	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٨-٧-٣١ From Observations taken at 8 h yesterday 28.7.31.

		Barometer			Wind		Sky	Temperature							Humidity		Rainfall			Sea
		Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h	Change in last 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum yesterday	Diff. from normal	At 8 h	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
Mediterranean	Rome	1012.3	-2.0	-2.5	—	0	1	27	+3	—	32	—	20	—	60	—	—	—	720	—
	Malta	1011.9	-0.9	-4.7	NE	1	0	26	-2	—	30	0	23	+1	70	—	0	338	428	1
	Athens	1008.8	-0.7	-3.9	—	0	0	31	+2	—	—	—	—	—	30	—	—	—	368	—
	Candia	1008.8	-0.7	-3.0	NW	1	0	32	0	—	33	+4	22	0	—	—	0	519	460	1
	El Massoul	1005.5	+0.9	-1.7	WNW	1	0	28	0		34	+1	22	+3	—	—	0	393	464	2
Egypt and Sudan	Atbara	1009.3	+2.1	+1.2	S	3	0	31.5	-2.5	+0.7	42	+2	27	+1	35	-3	0	3	31	—
	Kassala	1009.6	+0.8	-1.9	—	0	0	25.0	-2.0	-1.5	36	+2	22	-1	84	+16	13	119	143	—
	Wad Medani	1010.2	+0.2	-0.5	S	2	3	26.0	+1.0	+0.2	35	0	23	+1	69	0	0	149	168	—
	El Obeid	1010.7	-0.7	-1.4	SW	1	4	24.5	-1.0	-0.7	28	-5	19	-3	78	+3	8	351	144	—
	Wau	1011.1	+1.5	-0.4	S	3	2	23.0	-2.0	-0.7	33	+1	21	+1	91	+8	5	536	718	—
	Juba	1012.4	+0.2	—	SW	1	1	22.9	-1.3	—	32	—	17	—	81	—	2	732	672	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 13

" " sunset 18 50

From Observations taken at 8h. to-day.

Thursday 30th July, 1931 ١٩٣١ الخميس ٣٠ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Last 24 hours	Rainfall: Since 1st Dec.	Rainfall: Since 1st Jan.	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.9	−0.3	−0.4	—	0	0	27.2	+0.5	+0.8	33	—	21	—	66	+2	0	57	101	0
	MATRUH	1007.8	−0.5	−1.8	N	2	0	25.8	−0.5	+0.1	29	+1	22	+1	89	+9	0	179	158	2
	ALEXANDRIA	1007.4	−0.2	−2.2	W	1	1	26.8	+0.8	+0.4	30	−1	24	+1	85	+10	0	96	190	1
	PORT SAID	1006.7	−0.5	−1.3	WNW	2	1	28.2	−1.7	+0.6	33	+2	24	0	71	−2	0	62	82	1
	GAZA	—	—	—	SW	1	2	28.3	−1.3	+0.6	33	+3	22	+2	75	+3	0	251	376	
	HAIFA	1004.3	−0.1	−1.7	—	0	0	30.1	−2.8	+1.0	35	+4	25	+3	66	−3	0	665	647	1
LOWER EGYPT	TANTA	1007.8	+0.2	—	WSW	1	4	24.9	−3.1	—	37	—	21	—	88		0	35		
	EZBEKIYA	1006.8	−0.6	−2.3	NW	1	0	28.1	+1.1	+2.4	39	+4	24	+3	63	−11	0	17	34	
	GIZA	1007.4	−0.2	−2.1	N	1	0	26.5	−0.2	—	39	+4	21	+1	75	—	0	21	31	
	HELWAN	1007.1	−0.1	−1.9	NNW	1	0	27.2	+0.2	+2.3	38	+3	23	+2	63	−4	0	19	35	
	SIWA	1008.3	−0.8	−2.4	—	0	0	30.2	+0.3	+4.0	42	+4	—	—	51	−11	0	38	7	
RED SEA	SUEZ	1006.0	0.0	−2.6	N	2	0	29.0	0.0	+2.7	40	+4	25	+2	78	+4	0	28	26	2
	TOR	1005.6	−0.6	−0.4	NW	5	0	29.1	0.0	+0.7	[illegible]	—	28	+4	83	+9	0	11	14	5
	HURGHADA	1006.2	−0.2	—	NE	4	0	34.1	+3.1		37	—	26		56		0	0		2
	QOSSEIR	1005.8	−0.1	—	NW	4	0	33.7	+1.0	—	36	—	30	—	46		0	15		4
[illegible]	[illegible]	1008.4	+0.1	−0.8	NW	1	0	29.0	0.0	+1.4	40	+3	24	+3	61	+1	0	17		
	[illegible]	1007.2	−0.2	—	N	1	0	29.5	0.0	+3.1	40	+3	24	+3	67	+1				
	[illegible]	1007.5	−0.4	−0.6	WNW	2	0	30.1	+0.2	+2.4	40	+3	26	+3	38	−11	0	7		
	[illegible]	1007.0	−0.2		NNW	1	0	31.7	+1.2	+0.4	44	+3	26	+2	30	−11				
	[illegible]	1006.7	−1.2		—	0	0	31.5	+0.7		43		24		42		0	1		
	[illegible]	1006.4	−1.0	−0.8	—	0	0	34.2	+0.8	+2.0	43	+1	28	+2	32	0				
[illegible]	[illegible] HALFA	1006.2	−0.9	−1.7	NNE	1	0	30.0	−2.4	−0.4	44	+3	23	0	27	0				
	[illegible]	1006.6	−0.9	−1.5	SE	1	0	34.0	+0.5	+2.1	45	+3	29	+2	31	−8	0	0	12	
	[illegible]	1008.6	+0.6	+0.5	SW	2	0	34.0	−1.0	+3.2	42	+2	30	+4	31	−8	0	3	33	
	[illegible]	1008.8	−0.8	−0.3	SSW	4	3	29.7	−0.5	+1.8	40	+2	26	+1	51	−14	drops	7	62	
[illegible]	[illegible]	1005.1	−2.4	−0.1	—	0	2	36.5	+1.1	+0.3	39	−2	27	−1	44	+4	0	29	117	0
[illegible]	[illegible]	1009.6	−0.3	−2.4	NNE	1	3	24.5	−0.5	+0.8	29	−3	21	0	80	0	2	330	400	
[illegible]	[illegible]	1011.5	+1.9	−0.6	SW	1	4	26.0	−2.7	+0.9	35	+2	23	+1	76	+1	0	351	150	
[illegible]	[illegible]	1012.0	+0.4	−0.8	ESE	1	3	26.7	−1.2	+2.3	35	+4	24	+3	79	−6	trace	329	534	

Last Nile Observation: Sat. at 8 h. 8.15

Hours	Knots per hour	Direction
0900	15	NNW
1000	25	W
1500	40	W
2000	50	W
2000		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	81	+8	24.5	+2.0
Ezbekiya	63	+3	24.4	+1.6
Giza	60	0	24.0	—
Helwan	52	+4	22.8	+2.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
29.7	1760	3060
28.7	1679	3007

GAUGE	Date	Reading	Diff. from normal	Rise	Fall
	1931	m.	m.	m.	m.
Juba	29.7	14.30	+0.66	13.85	+0.22
Nasser	29.7	9.37	−0.09	9.35	−0.09
Malakal	24.7	11.39	−0.12	11.37	−0.13
Roseires	30.7	18.22	+0.45	18.42	+0.82
Sennar Res.	29.7	17.20	—	17.20	—
Makwar	29.7	9.11	−1.53	8.90	−1.60
Khartoum	30.7	13.20	−0.85	13.02	−0.92
Kh. el Girba	28.7	13.50	−0.04	13.20	−0.30
Atbara	30.7	12.25	−0.90	12.32	−0.73
Wadi Halfa	29.7	3.45	−0.85	3.23	−0.92
Aswan Res.	29.7	95.00	—	95.02	—
" D.S.	29.7	86.97	−1.13	86.85	−1.13
El Leithi	29.7	17.26	−1.02	17.24	−0.93
Roda (Cairo)	30.7	15.75	−0.19	15.77	−0.14

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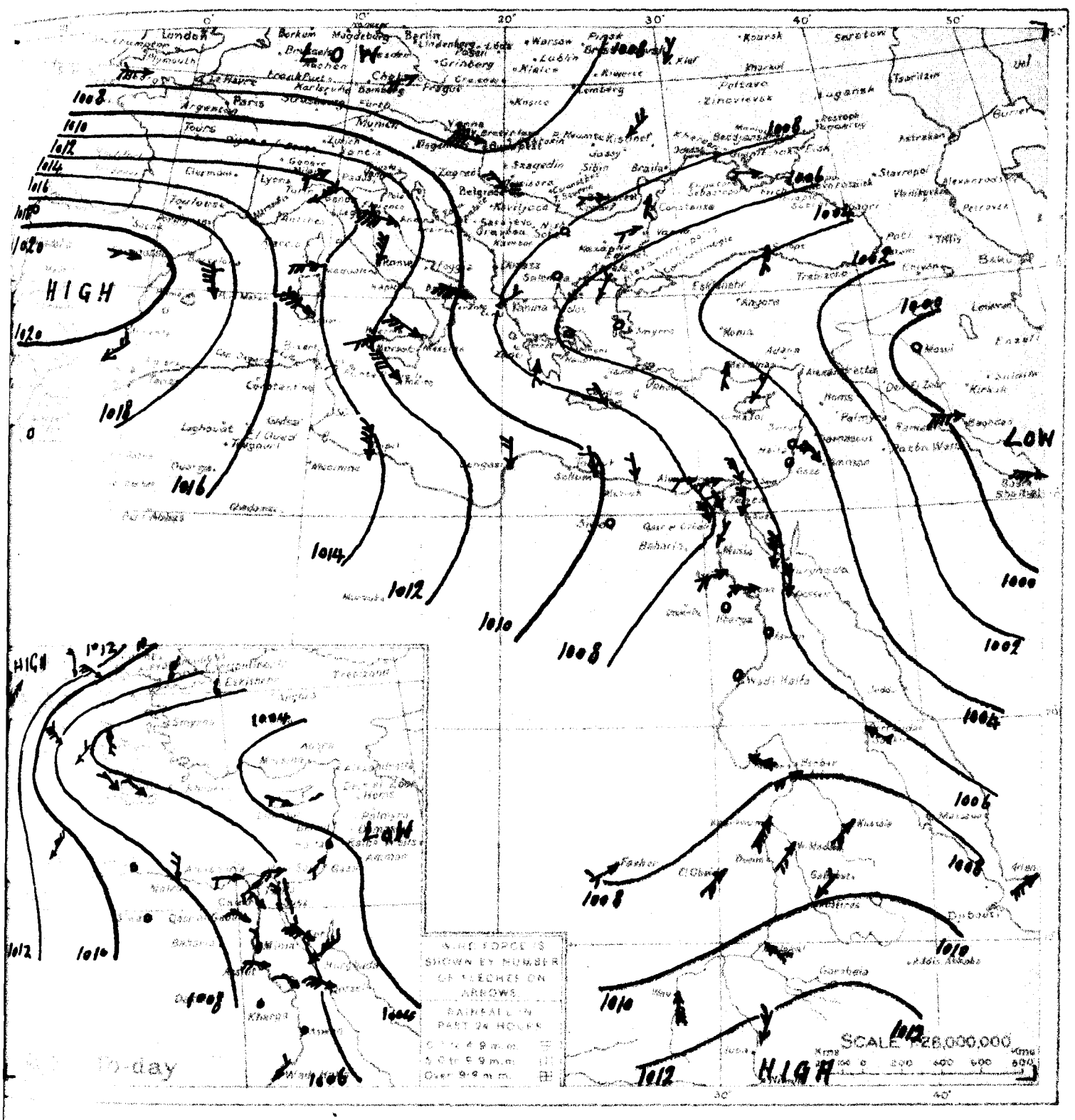
PHYSICAL DEPARTMENT.

REPORT.

.٢١-٧-٢٩ Barometer and Wind at 8 h Yesterday 29.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Sugar	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٧-٢٩ From Observations taken at 8 h yesterday. 29.7.31.

Station	Barometer: Reduced to Sea level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1012.2	-0.1	-2.6	NE	3	0	23	-4	—	31	—	19	—	50	—	—	—	720	—
MALTA	1010.9	-1.0	-5.7	NW	4	0	25	-1	—	32	+2	24	+2	80	—	0	338	428	2
ATHENS	1005.9	-2.9	-6.8	—	0	0	29	-2	—	—	—	—	—	40	—	—	—	368	—
CANDIA	1008.2	-0.6	-3.6	NW	1	0	27	-5	—	34	+5	21	-1	—	—	0	519	460	1
LIMASSOL	1005.0	-0.5	-2.2	NNE	1	0	28	0		33	0	19	0	—	—	0	393	464	2
Kassala كسلا	1009.4	-0.2	-2.1	SW	2	5	28.0	+3.0	+1.6	33	-1	23	0	63	-5	0	119	146	—
Wad Medani ود مدني	1009.0	-1.2	-1.7	SW	2	2	28.5	+2.5	+2.7	34	-1	23	+1	62	-7	0	149	172	—
El Fasher الفاشر	1007.8	+0.7	—	WSW	1	0	27.0	+2.5	+2.7	35	+1	24	+3	63	-5	0	120	131	—
El Obeid الأبيض	1009.6	-1.1	-2.5	SW	2	2	28.7	+4.2	+3.6	33	0	19	-3	65	-10	0	351	147	—
Wau واو	1011.0	-0.1	-0.5	S	4	0	27.0	+4.0	+3.3	33	+1	23	+3	73	-10	0	536	724	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 13 m

sunset 18 h 49 m

From Observations taken at 8 h. to-day.

Friday 31st July, 1931 ١٩٣١ الجمعة ٣١ يوليه

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Sept.	Rainfall: Total since 1st Sept. last year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.8	−0.1	−0.6	NNW	1	0	27.6	+0.4	+1.2	33	—	22	—	67	+2	0	57	101	2
	MATRUH	1007.6	−0.2	−2.0	NNW	4	0	26.7	+0.9	+1.0	29	+1	23	+2	77	−3	0	179	158	3
	ALEXANDRIA	1006.2	−1.2	−3.4	NW	1	1	26.1	−0.7	−0.3	31	0	24	+1	80	+5	0	96	190	1
	PORT SAID	1005.4	−1.3	−2.6	W	2	2	27.7	−0.5	+0.1	33	+2	24	0	78	+5	0	62	82	1
	GAZA	—	—	—	—	0	3	27.2	−1.1	−0.5	31	+1	21	+1	78	+6	0	251	376	—
	HAIFA	1002.4	−1.9	−3.6	SSW	1	0	30.5	+0.4	+1.4	34	+3	25	+3	66	−3	0	665	647	2
LOWER EGYPT	TANTA	1006.7	−1.1	—	W	1	3	26.3	+1.4	—	37	—	20	—	78	—	0	35	—	—
	EZBEKIYA	1007.5	+0.7	−1.6	N	1	0	26.6	−1.5	+0.9	37	+2	23	+2	72	−2	0	17	34	—
	GIZA	1006.6	−0.8	−3.0	N	1	0	25.7	−0.8	—	37	+2	19	−1	71	—	0	21	31	—
	HELWAN	1005.9	−1.2	−3.1	NNW	4	0	25.3	−1.9	+0.4	36	+1	23	+2	71	+4	0	19	35	—
	SIWA	1008.3	0.0	−2.4	NNE	3	0	28.8	−1.4	+2.6	42	+4	24	+3	46	−16	0	38	7	—
RED SEA	SUEZ	1004.8	−1.2	−3.8	N	1	0	28.0	−1.0	+1.7	39	+3	23	0	60	−14	0	28	26	1
	TOR	1004.0	−1.6	−2.0	NW	5	0	30.0	+0.9	+1.6	41	+7	28	+4	65	−9	0	11	14	5
	HURGHADA	1003.8	−2.4	—	NNW	5	0	33.8	−0.3	—	38	—	26	—	51	—	0	0	—	3
	QOSSEIR	1004.3	−1.5	—	NW	6	0	33.0	−0.7	—	36	—	31	—	43	—	0	15	—	6
UPPER EGYPT	DEBAA	1007.4	−1.0	−1.8	NW	1	0	30.4	+1.4	+2.8	39	+2	22	+1	34	−26	0	17	—	—
	MINYA	1007.0	−0.2	—	W	1	0	27.5	−2.0	+1.1	40	+3	21	0	50	−16	—	—	—	—
	ASYUT	1006.7	−0.8	−1.4	WSW	2	0	30.8	+0.7	+3.1	40	+3	24	+1	41	−9	0	7	—	—
	JENA	1005.4	−1.6	—	W	2	0	32.6	+0.9	+1.3	45	+4	25	+1	27	−14	—	—	—	—
	KHARGA	1005.9	−0.8	—	—	0	0	33.8	+2.3	—	44	—	25	—	35	—	0	1	—	—
	ASWAN	1005.6	−0.8	−1.6	—	0	0	33.5	−0.7	+1.3	44	+2	27	+1	31	−1	—	—	—	—
SUDAN	WADI HALFA	1003.6	−2.6	−4.3	—	0	0	30.8	+0.8	+0.4	45	+4	25	+2	26	−1	—	—	—	—
	MEROWE	1005.5	−1.1	−2.6	SE	1	0	34.0	0.0	+2.1	46	+4	30	+3	31	−8	0	0	13	—
	ATBARA	1008.6	0.0	+0.5	SW	4	0	34.0	0.0	+3.2	44	+4	30	+4	33	−6	0	3	33	—
	KHARTOUM	1008.0	−0.8	−1.2	SW	3	1	31.1	+1.4	+3.3	41	+3	28	+3	50	−15	0	7	63	—
	PORT SUDAN	1004.2	−0.9	−1.0	SE	1	1	37.8	+1.3	+1.6	40	−1	29	+1	22	−18	0	29	118	1
	KASSALA	1009.4	−0.9	−2.2	SW	2	0	28.0	+2.0	+1.6	35	+1	24	+1	77	+8	0	119	153	—
	GEDAREF	1009.1	−0.7	−1.6	S	3	1	25.2	−1.8	−0.5	36	+1	24	+2	86	+17	0	150	179	—
	SENNAR	1008.8	−0.8	−3.2	NNE	1	2	24.0	−0.5	+0.3	29	−3	22	+1	83	+3	29	359	406	—
	EL FASHER	1008.7	−0.6	—	NNW	1	2	26.0	+1.5	+1.7	31	−3	22	+1	69	+1	6	139	138	—
	EL OBEID	1009.4	−2.1	−2.7	WSW	2	2	26.8	+0.8	+1.7	36	+3	22	0	78	+3	0	351	153	—
	MALAKAL	1012.0	0.0	−0.8	S	1	4	23.9	−2.8	−0.5	35	+4	22	+1	89	+4	5	334	540	—
	WAU	1010.7	−1.2	−0.8	S	3	4	23.4	−2.4	−0.3	33	+1	21	+1	84	+1	18	554	737	—
	JUBA	1013.9	−0.3	—	NW	2	4	24.7	−0.1	—	35	—	19	—	75	—	0	732	686	—

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	86	+13	25.1	+2.6
Ezbekiya	51	−9	23.1	+0.3
Giza	55	−5	22.1	—
Heiwan	43	−5	21.0	+1.0

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

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

DATE	1931	1930
31.7	2005	3456
30.7	1859	3150

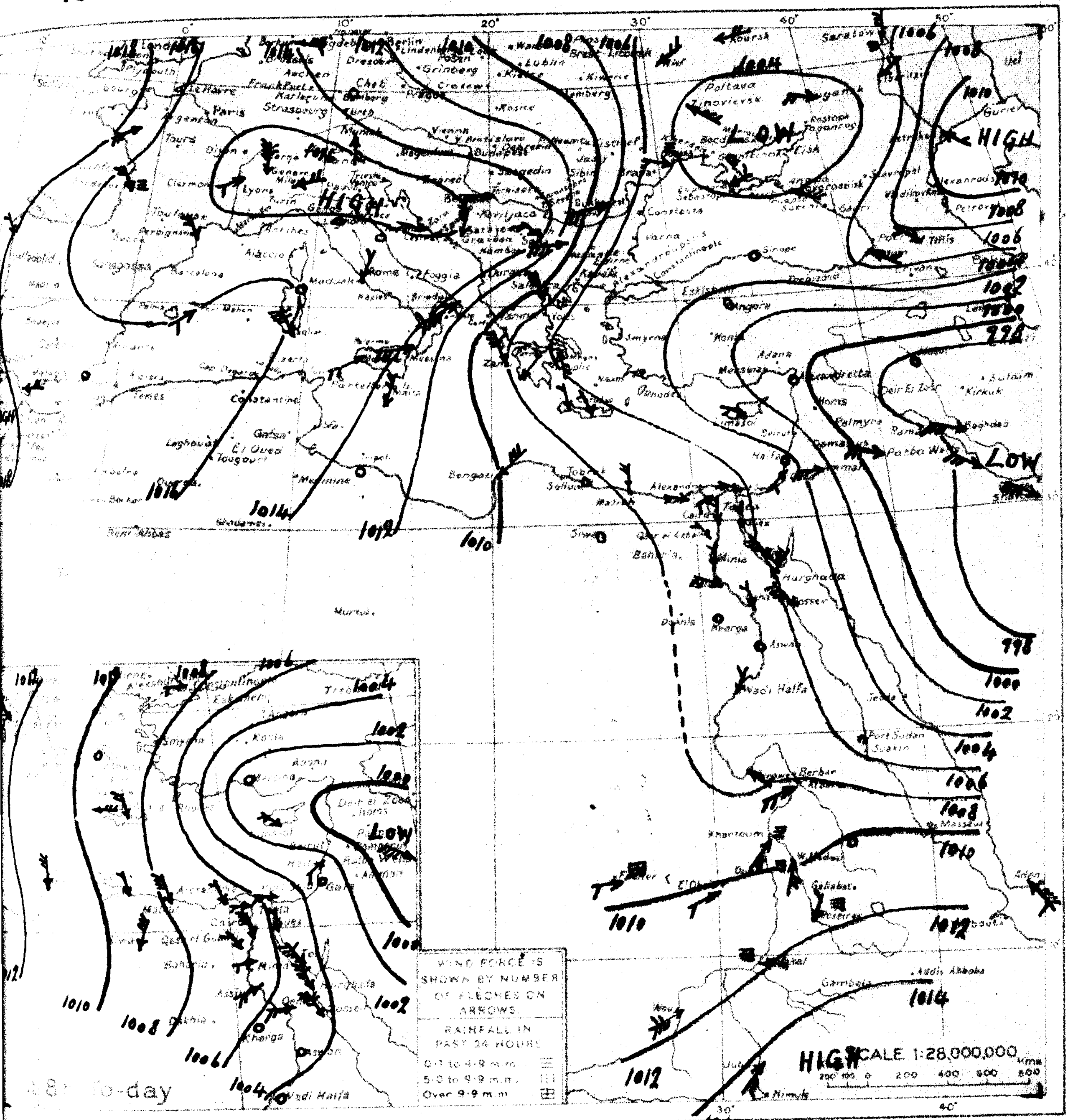
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. m.
Juba	31.7	14.20	+0.55	14.11	+0.47
Nasser	31.7	9.39	−0.11	9.38	−0.10
Malakal	29.7	11.39	−0.12	11.37	−0.13
Roseires	30.7	18.22	+0.45	18.42	+0.82
Sennar Res.	31.7	17.20	—	17.20	—
Makwar	31.7	10.29	−0.81	10.12	−0.77
Khartoum	30.7	13.20	−0.85	13.02	−0.92
Kh. el Girba	29.7	13.30	−0.29	13.50	−0.04
Atbara	30.7	12.25	−0.90	12.32	−0.73
Wadi Halfa	29.7	3.45	−0.85	3.23	−0.92
Aswan Res.	31.7	95.03	—	95.00	—
" D.S.	31.7	87.28	−1.09	87.10	−1.12
El Leithi	30.7	17.26	−1.02	17.24	−0.93
Roda (Cairo)	30.7	15.75	−0.19	15.77	−0.14

PRINTED AT THE SURVEY OF EGYPT 1928(25/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣٠ - ٧ - ٣١ Barometer and Wind at 8 h. Yesterday 30.7.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣٠ - ٧ - ٣١ From Observations taken at 8 h. yesterday. 30.7.31.

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C.	°C	°C.	°C.	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.4	+3.2	+0.6	NE	1	0	24	+1	—	31	—	20	—	30	—	—	—	721	—
	MALTA	1013.3	+2.4	-3.3	NNE	2	0	24	-1	—	28	-2	23	+1	80	—	0	338	425	2
	ATHENS	1005.3	-0.6	-7.4	SSE	2	0	30	+1	—	—	—	—	—	30	—	—	—	369	—
	CANDIA	1006.6	-1.6	-5.2	NW	1	0	39	+3	—	32	+3	21	-1	—	—	0	519	460	1
	LIMASSOL	1003.4	-1.6	-4.0	WNW	1	0	28	0		34	+1	19	0	—	—	0	393	464	0
EGYPT and SUDAN	Kassala كسلا	1010.3	+0.9	-1.3	—	0	3	26.0	-2.0	-0.4	34	0	23	0	84	+16	0	119	150	—
	Wad Medani ود مدني	1009.8	+0.8	-0.9	S	2	2	27.0	-1.5	+1.3	33	-2	22	0	68	-1	1	150	175	—
	El Fasher الفاشر	1009.3	+1.5	—	W	1	4	24.5	-2.5	+0.2	38	+4	17	-4	50	-18	13	133	134	—
	Wau واو	1011.9	+0.9	+0.4	SW	6	3	25.8	-1.2	+2.1	34	+2	23	+3	74	-9	0	536	730	—
	Juba جوبا	1014.2	+1.6	—	SSW	3	2	24.8	-0.3	—	33	—	17	—	76	—	0	732	681	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 14 m

" " sunset 18 h 48 m

From Observations taken at 8h. to-day.

Saturday 1st August, 1931 ١٩٣١ السبت اول اغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Normal to the end of yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1008.6	−1.2	−1.8	NNW	2	1	26.1	−1.5	−0.2	34	—	21	—	73	+7	0	57	101	3
	MATRUH	1007.6	0.0	−2.0	NNW	2	0	25.8	−0.9	+0.1	28	0	24	+3	78	−2	0	179	158	2
	ALEXANDRIA	1006.6	+0.4	−3.0	NW	1	2	27.1	+1.0	+0.7	31	0	24	+1	72	−3	0	96	190	1
	PORT SAID	1005.9	+0.5	−2.1	WNW	3	0	27.9	+0.2	+0.3	32	+1	24	0	71	−2	0	62	82	1
	GAZA	—	—	—	S	1	2	28.8	+1.6	+1.0	30	0	22	+2	73	+1	0	251	376	
	HAIFA	1002.6	+0.2	−3.4	—	0	1	30.5	0.0	+1.4	34	+3	26	+4	74	+6	0	665	647	1
LOWER EGYPT	TANTA	1005.9	−0.8	—	NW	1	0	27.5	+1.2	—	37	—	21	—	58	—	0	35	—	—
	CAIRO EZBEKIYA	1006.0	−1.5	−3.1	NNW	1	2	27.0	+0.4	+1.2	37	+2	24	+3	75	+1	0	17	34	—
	CAIRO GIZA	1006.6	0.0	−3.0	N	1	3	25.9	+0.2	—	37	+2	22	+2	79	—	0	21	31	—
	CAIRO HELWAN	1006.2	+0.3	−2.8	NNE	2	0	26.2	+0.9	+1.3	36	+1	23	+2	67	0	0	19	35	—
	SIWA	1008.4	+0.1	−2.3	—	0	0	25.8	−3.0	−0.4	40	+2	—	—	86	+19	0	38	7	—
RED SEA	SUEZ	1004.7	−0.1	−3.8	N	2	0	26.5	−1.5	+0.1	36	0	23	0	84	+9	0	28	26	2
	TOR	1002.8	−1.2	−3.2	NNW	2	0	31.5	+1.5	+3.0	37	+3	29	+5	69	−5	0	11	14	1
	HURGHADA	1004.3	+0.5	—	NNW	5	0	32.8	−1.0	—	38	—	27	—	55	—	0	0	—	3
	QOSEIR	1005.1	+0.8	—	N	7	0	32.1	−0.9	—	36	—	28	—	40	—	0	15	—	7
UPPER EGYPT	GEBEL [illegible]	1007.1	−0.3	−2.1	N	1	0	28.0	−2.4	+0.4	38	+1	24	+3	63	+3	0	17	—	—
	KENA	1005.8	−1.2	—	NNW	2	0	26.2	−1.3	−0.2	38	+2	21	0	73	+7				
	ASSIUT	1005.9	−0.8	−2.2	WSW	2	0	29.2	−1.6	+1.5	39	+2	25	+2	40	−10	0	7	—	—
	QENA	1004.4	−1.0	—	NNE	2	0	31.6	−1.0	+0.3	42	+1	28	+4	32	−9				
	KHARGA	1003.5	−2.4	—	—	0	0	33.1	−0.7	—	42	—	25	—	40	—	0	1	—	—
	ASWAN	1004.8	−0.8	−2.4	—	0	0	32.2	−1.3	0.0	43	+1	28	+2	35	+3	—	—	—	—
NUBIA	WADI HALFA	1003.9	+0.3	−4.0	NNE	1	0	33.0	+2.2	+2.6	47	+6	28	+5	23	−4	—	—	—	—
	MEROWE	1003.5	−2.0	−4.6	S	5	3	33.5	−0.5	+1.7	46	+4	32	+5	33	−7	0	0	13	—
	ATBARA																			
	KHARTOUM	1008.6	+0.6	−0.6	SSW	5	3	26.6	−4.5	−1.2	41	+3	25	0	58	−8	drops	7	65	—
SUDAN	PORT SUDAN	1004.7	+0.5	−0.6	SE	7	0	37.9	+0.1	+1.7	40	−1	28	0	32	−8	0	29	118	7
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.3	+0.5	−2.6	ENE	2	2	25.0	+1.0	+1.3	34	+2	21	0	84	+4	16	375	412	—
	EL FASHER																			
	EL OBEID																			
	KORDOFAN																			
	[illegible]																			
	[illegible]																			

Upper Air Observations at Helwan at h. m. 8.45

Height (Metres)	Wind Speed (Knots per hour)	Direction
500	10	N
1000	35	NW
1500	40	WNW
2000	50	WNW
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

[illegible] الى الظهر من اليوم الى الظهر

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	83	+10	24.9	+2.4
Ezbekiya	63	+3	24.1	+1.3
Giza	61	+1	22.9	—
Helwan	49	+1	21.3	+1.2

NOTE A dash means that figures are not available

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" " Abroad PT. 150 "

Remarks

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

DATE	1931	1930
31.7	2005	3456
30.7	1859	3150

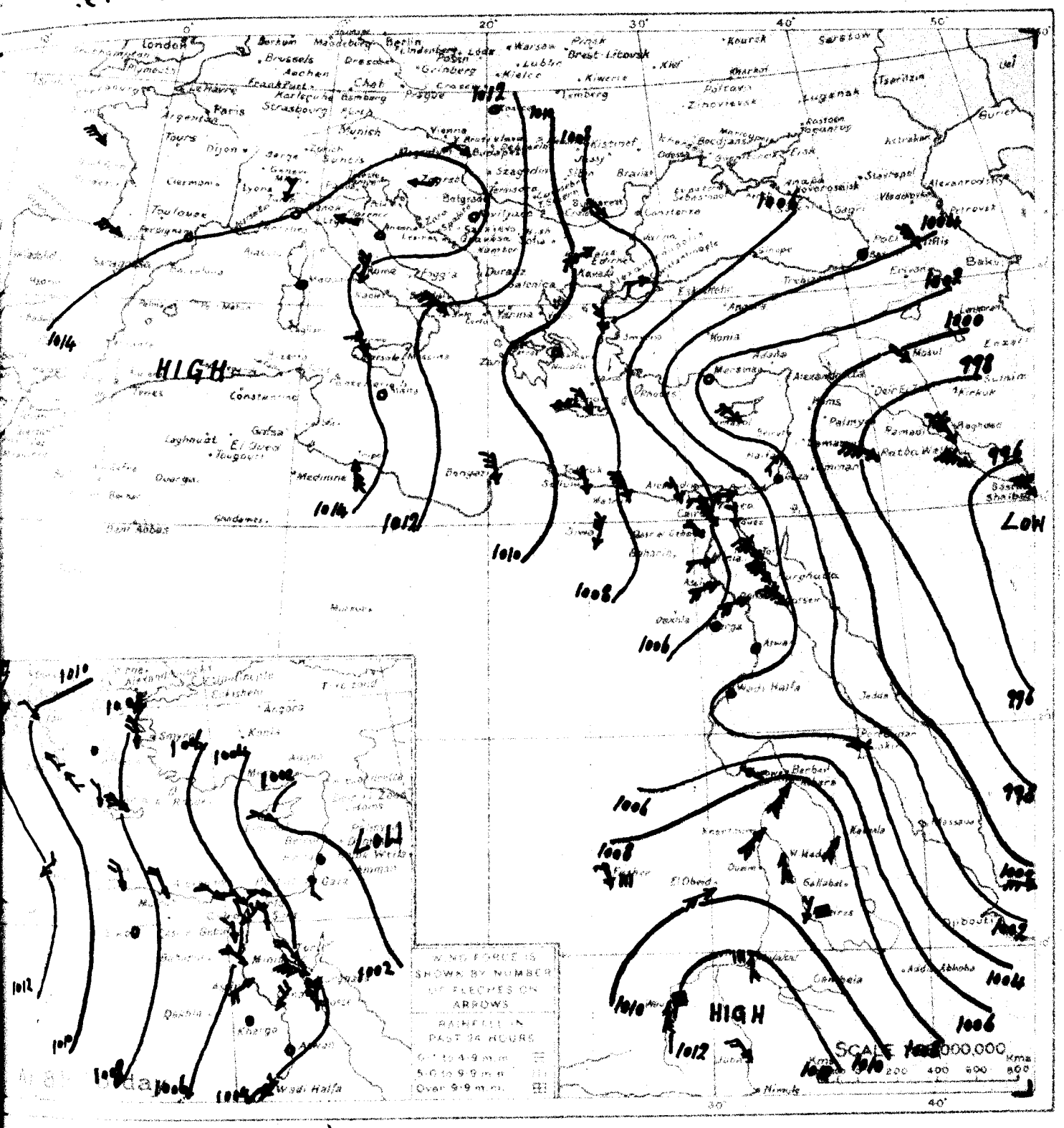
GAUGE.	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	31.7	14.20	+0.55	14.11	+0.47
Nasser	31.7	9.39	−0.11	9.38	−0.10
Malakal	31.7	11.49	−0.12	11.40	−0.12
Roseires	1.8	18.52	+0.39	17.51	−0.49
Sennar Res.	31.7	17.20	—	17.20	—
Makwar	31.7	10.39	−0.81	10.12	−0.77
Khartoum	1.8	13.80	−0.43	13.40	−0.73
Kh. el Girbd	30.7	13.40	−0.23	13.30	−0.29
Atbara	1.8	12.52	−0.83	12.50	−0.75
Wadi Halfa	31.7	4.13	−0.46	3.72	−0.73
Aswan Res.	31.7	95.03	—	95.00	—
" D.S.	31.7	87.28	−1.09	87.10	−1.12
El Leithi	31.7	14.29	−1.16	14.28	−1.08
Roda (Cairo)	1.8	15.73	−0.27	15.73	−0.24

PRINTED AT THE SURVEY OF EGYPT 1929(29/609/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ٧ - ٣١ Barometer and Wind at 8 h Yesterday 31. 7. 31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rain	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ٧ - ٣١ From Observations taken at 8 h yesterday. 31. 7. 31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
	STATION	Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h	Change in last 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.6	-1.8	-1.2	NE	2	0	23	-1	—	31	—	18	—	50	—	—	—	721	—
	MALTA	1012.8	-0.5	-3.8	—	0	2	25	+1	—	27	-3	22	0	70	—	0	338	428	0
	ATHENS	1009.1	+3.8	-3.6	—	0	0	25	-5	—	—	—	—	—	50	—	—	—	369	—
	CANDIA	1008.7	+2.1	-3.1	NW	2	1	28	-2	—	33	+4	24	+2	—	—	0	519	460	2
	LIMASSOL	1001.3	-2.1	-6.1	WNW	2	0	28	0		33	0	18	-1	—	—	0	393	464	3
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 15 m

" " sunset 18 h 48 m

From Observations taken at 8 h. to-day.

Sunday 2nd August, 1931 ١٩٣١ الأحد ٢ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. 1930	Rainfall: Total since 1st Jan. 1931	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.2	+1.6	−0.2	NNW	2	2	27.3	+1.2	+1.0	30	—	21	—	66	−1	0	57	101	3
	MATRUH	1009.6	+2.0	0.0	NNW	1	1	26.2	+0.4	+0.4	29	+1	25	+4	73	−7	0	179	158	3
	ALEXANDRIA	1009.3	+2.7	−0.3	WNW	1	0	26.9	−0.2	+0.4	32	+1	24	+1	64	−11	0	96	190	1
	PORT SAID	1008.2	+2.3	+0.2	W	2	0	27.7	−0.2	+0.9	33	+2	23	−1	65	−8	0	62	82	2
	GAZA																			
	HAIFA	1005.1	+2.5	−0.9	—	0	0	30.1	−0.4	+0.9	35	+4	26	+4	73	+5	0	665	647	1
LOWER EGYPT	TANTA	1008.7	+2.8	—	WSW	1	0	26.5	−1.0	—	34	—	20	—	62	—	0	35		
	CAIRO / EZBEKIYA	1008.8	+2.8	−0.4	N	2	0	26.8	−0.2	+1.0	36	+1	23	+2	62	−12	0	17	34	
	CAIRO / GIZA	1008.4	+1.8	−1.2	NNW	2	0	25.3	−0.6	—	36	+1	20	0	63	—	0	21	31	
	CAIRO / HELWAN	1008.3	+2.6	−0.2	N	3	0	25.3	−0.9	+0.4	34	−1	22	+1	54	−13	0	19	35	
	SIWA	1010.7	+2.3	0.0	NW	2	1	26.0	+0.2	−0.2	36	−2	25	+4	71	+10	0	38	7	
RED SEA	SUEZ	1007.9	+3.2	−0.6	N	2	0	25.8	−0.7	−0.6	36	0	23	0	77	+2	0	28	26	2
	TOR	1005.9	+3.1	−0.1	NW	5	0	28.6	−2.9	+0.1	36	+2	27	+3	80	+6	0	11	14	5
	HURGHADA	1006.3	+2.0		NNW	5	0	30.7	−2.1		35		26		62		0	0		3
	QOSSEIR																			
UPPER EGYPT	GERGA	1009.8	+2.7	+0.6	N	3	0	27.0	−1.0	−0.6	38	+1	22	+1	56	−4	0	17		
	MINIA	1008.0	+2.2		N	2	0	27.0	+0.8	+0.6	37	+1	21	0	60	−6				
	ASSIUT	1008.0	+2.1	−0.2	WNW	2	0	28.2	−1.0	+0.5	38	+1	24	+1	53	+3	0	7		
	SOHAG	1006.4	+2.0		NNW	2	0	31.6	0.0	+0.3	41	0	26	+2	35	−6				
	KUSEIR	1006.8	+3.3		NE	2	0	31.9	−1.2		41		25		43		0	1		
	ASWAN	1005.6	+0.8	−1.6	—	0	0	32.6	+0.4	+0.4	42	0	28	+2	38	+6				
SUDAN	WADI HALFA	1005.6	+1.7	−2.4	N	1	0	31.6	−1.4	+1.2	43	+2	25	+2	27	−1				
	MERCAE																			
	STEARS																			
	KHARTUM	1009.3	+0.7	−0.1	SSW	2	1	28.8	+2.2	+1.0	37	−1	25	0	64	−2	0	7	67	
	PORT SUDAN	1006.2	+1.5	+0.9	N	1	0	36.1	−1.8	−0.1	45	+4	31	+3	47	+7	0	29	118	1
	KASSALA																			
	WAD MEDANI	1008.3	−0.3	−2.4	S	3	0	28.5	+3.5	+2.9	34	−1	22	0	61	−8	0	164	188	
	ROSEIRES	1008.8	−0.5	−3.1	ENE	1	3	25.0	0.0	+1.4	32	0	22	+1	76	−4	trace	375	419	
	EL FASHER																			
	EL OBEID																			
	MALAKAL	1011.4	0.0	−1.4	SSW	1	1	25.0	0.0	+0.6	33	+2	22	+1	83	−2	1	335	552	
	KODOK	1010.8	−0.7	—	WSW	3	0	25.2	+0.7	—	34	—	19	—	72	—	0	732	693	

Upper Wind Observations at 8.30 h.

Height in Metres	Speed in Knots	Direction
500	20	N
1000	15	N
1500	25	NNW
2000	10	WNW
3000		

General Situation — حالة عمومية

Forecast for 24 hours from noon to day. — [illegible] الظهر

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	70	−2	24.1	+1.5
Ezbekiya	62	+1	23.2	+0.4
Giza	62	+1	22.5	—
Helwan	51	+2	21.4	+1.3

NOTE A dash means that figures are not available

Terms of Subscription Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Khashm el Girba river gauge reading for 16.6.31 published on 18-20.6.31 should read 11.40 instead of 11.08 m.

ملاحظة — صحة قراءة النهر بخشم القربة يوم ١٦/٦/٣١ المذكورة بتقارير الأيام ١٨-٢٠/٦/٣١ هي ١١٫٤٠ بدلاً من ١١٫٠٨ م.

Discharges at Aswan measured by sluices m3 per sec.

DATE	1931	1930
1.8	2232	3853
31.7	2005	3456

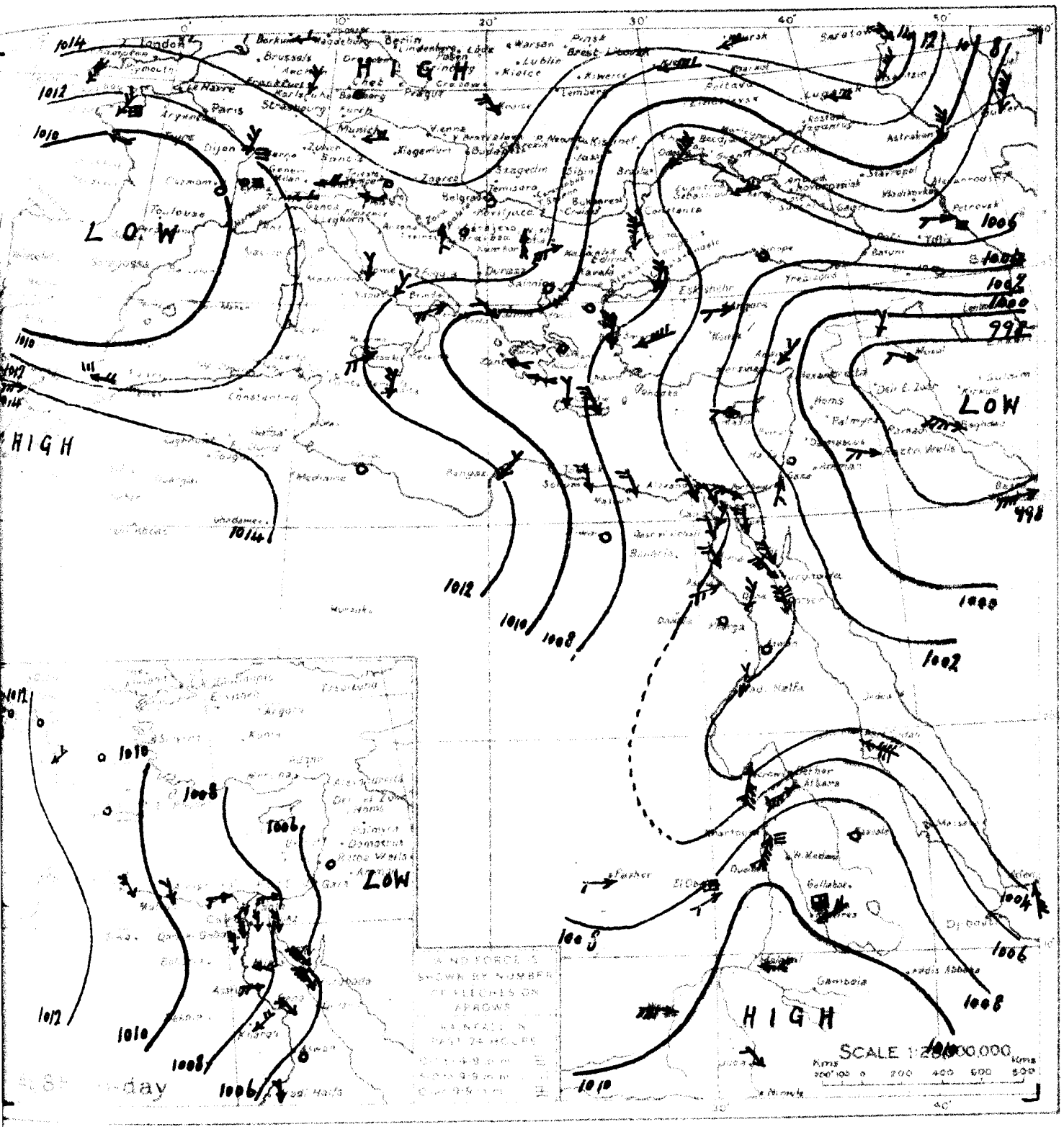
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	
Juba	1.8	13.89	+0.23	14.20	+0.55
Nasser	1.8	9.41	−0.11	9.39	−0.11
Malakal	1.8	11.42	−0.14	11.42	−0.12
Roseires	1.8	18.52	+0.39	17.51	−0.49
Sennar Res.	1.8	17.16	—	17.20	—
Makwar	1.8	9.96	−1.24	10.29	−0.81
Khartoum	1.8	13.80	−0.43	13.40	−0.73
Kh. el Girba	30.7	13.40	−0.23	13.30	−0.29
Atbara	1.8	12.52	−0.83	12.50	−0.75
Wadi Halfa	2.8	4.30	−0.65	4.35	−0.40
Aswan Res.	1.8	95.04	—	95.03	—
" D.S.	1.8	87.54	−0.96	87.20	−1.09
El Leithi	2.8	17.33	−1.21	17.29	−1.16
Roda (Cairo)	2.8	15.75	−0.30	15.73	−0.27

PRINTED AT THE SURVEY OF EGYPT 1930 (28/6/30/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١-٨-١ Barometer and Wind at 8 h. Yesterday 1.8.31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Haze	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١-٨-١ From Observations taken at 8 h. yesterday. 1.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h.	Mean for last 24 hours	Diff from normal	Max. Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	ROME	1011.9	-1.7	-2.9	NE	1	0	25	+2	—	31	—	18	—	50	—	—	—	722	—
	MALTA	1011.6	-1.2	-5.1	N	2	0	24	-1	—	28	-2	20	-2	80	—	0	338	428	1
	ATHENS	1009.0	-0.1	-3.7	—	0	0	21	-4	—	—	—	—	—	40	—	—	—	369	
	CANDIA	1007.9	-0.8	-4.0	NW	3	1	27	-1	—	33	+4	23	+1	—	—	0	519	460	4
	CHASSOL	1002.0	+0.7	-5.4	WNW	1	0	28	0		33	0	21	+2			0	393	464	2
EGYPT and SUDAN	Atbara	1007.2	-1.4	-0.9	SW	5	0	33.0	-1.0	+2.2	45	+5	28	+2	39	0	0	3	34	—
	Kassala	1009.0	-0.4	-2.6	—	0	0	26.0	-2.0	-0.4	36	+2	23	0	76	+7	0	119	156	—
	ElFasher	1007.0	-1.7	—	W	1	2	25.0	-1.0	+0.7	32	-2	23	+3	72	+3	0	139	141	—
	El Obeid	—	—	—	SW	1	4	22.2	-4.6	-2.9	36	+3	19	-2	100	+25	14	365	156	—
	Malakal	1011.4	-0.6	-1.4	ESE	1	4	25.0	+1.1	+0.6	33	+2	23	+2	78	-7	0	334	546	—
	Wau	1008.8	-1.9	-2.7	WNW	4	0	26.0	+2.6	+2.3	33	+1	23	+3	76	-7	0	554	743	—
	Juba	1011.5	-2.4	—	NW	1	3	24.5	-0.2	—	30	—	20	—	89	—	0	732	690	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 15

" sunset 18 47

From Observations taken at 8h. to-day.

Monday 3rd August, 1931 — الاثنين ٣ اغسطس ١٩٣١

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to date	Rainfall Normal from Oct. 1 to date	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.0	+2.8	+2.6	NNW	2	1	27.1	−0.2	+0.8	31	—	21	—	67	−1	0	57	101	3
	MATRUH	1012.0	+2.4	+2.4	NNW	2	0	26.3	+0.1	+0.5	29	+1	22	+1	82	+2	0	179	158	3
	ALEXANDRIA	1011.4	+2.1	+1.7	NW	3	0	26.4	−0.5	−0.1	31	0	24	+1	73	−2	0	96	190	2
	PORT SA'ID	1010.2	+2.0	+2.2	NW	2	1	28.9	+1.2	+1.3	32	+1	25	+1	62	−10	0	62	82	2
	GAZA	—	—	—	—	0	0	26.9	+0.2	−0.9	30	0	21	+1	68	−3	0	251	376	
	HAIFA	1007.0	+1.9	+1.0	—	0	0	31.1	+1.0	+1.9	34	+3	23	+1	65	−3	0	665	647	0
LOWER EGYPT	TANTA	1011.0	+2.3		W	1	0	26.7	+0.2		33		20		65		0	35		
	ZEIDEKIYA	1011.0	+2.2	+1.8	NW	2	3	25.4	−1.4	−0.4	35	0	23	+2	78	+4	0	17	34	
	GIZA	1011.4	+3.0	+1.8	N	1	3	24.6	−0.7		35	0	21	+1	80	—	0	21	31	
	HELWAN	1010.8	+2.9	+1.7	NNW	3	3	24.5	−0.8	−0.4	34	−1	22	+1	73	+6	0	19	35	
	SIWA	1012.8	+2.1	+2.1	[illegible]	[illegible]	0	—	—	—	37	−1	25	+4	—	—	0	38	7	
RED SEA	SUEZ	1009.1	+1.2	+0.5	N	3	1	26.0	+0.2	−0.4	34	−2	25	+2	80	+5	0	28	26	2
	TOR	1007.6	+1.7	+1.6	NW	5	0	28.2	−0.4	−0.4	34	0	26	+2	76	+2	0	11	14	5
	HURGHADA	1007.8	+1.5		NNW	6	0	29.1	−1.6		35		24		76		0	0		4
	QOSSEIR	1007.1	—		NNW	6	0	31.2	—		34		27		51		0	15		7
UPPER EGYPT	[illegible]	1012.4	+2.6	+3.2	NW	2	0	24.9	−2.1	−2.7	37	0	21	0	69	+9	0	17		
	[illegible]	1009.9	+1.9		N	3	0	25.0	−2.0	−1.4	35	−1	22	+1	70	+4				
	[illegible]	1010.8	+2.8	+2.6	W	2	0	26.8	−1.4	−0.9	37	0	24	+1	56	+6	0	7		
	[illegible]	1008.6	+2.2		W	2	0	30.2	−1.4	−1.1	43	+2	25	+1	37	−4				
	[illegible]	1009.3	+2.5		NNE	2	0	29.9	−2.0		40		25		46		0	1		
	[illegible]	1008.0	+2.4	+0.7	—	0	0	31.3	−1.3	−0.9	43	+1	27	+1	26	−7				
	[illegible]	1007.0	+1.4	−1.0	NE	2	0	32.6	+1.0	+2.2	44	+3	27	+4	27	−1				
	[illegible]	1008.3	−0.4	+0.1	S	3	0	34.0	+0.4	+3.2	42	+2	27	+2	29	−10	0	3	37	
	[illegible]	1007.6	−1.7	−1.6	SSW	4	1	31.8	+3.0	+4.1	39	+1	29	+4	44	−22	0	7	69	
	[illegible]	1005.0	−1.2	−0.3	N	1	0	35.0	−1.1	−1.2	42	+1	30	+2	47	+7	0	29	118	1
	[illegible]	1008.3	0.0	−2.4	SW	3	3	27.2	−1.3	+1.6	35	0	24	+2	66	−3	0	164	193	
	[illegible]	1009.0	+0.2	−2.9	NE	1	3	23.5	−1.5	−0.1	34	+2	22	+1	87	+7	2	377	426	
	[illegible]	1012.7	+1.3	−0.1	S	3	3	24.1	−0.9	−0.3	35	+4	22	+1	86	+1	7	342	558	

General Situation

الحالة العامة

Forecast for 24 hours from noon to day.

	Km. an hour	Direction
500	25	N
1000	20	N
1500	15	N
2000	35	NNE
3000		

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	69	−3	23.5	+0.9
Ezbekiya	56	−5	22.6	−0.3
Giza	54	−7	21.1	—
Helwan	45	−4	20.4	+0.3

NOTE. A dash means that figures are not available.

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" " Abroad PT. 150 "

Remarks

Khashm el Girba river gauge reading for 22.6.31 published on 24 & 25.6.31 should read 10.38 instead of 10.40 m.

ملاحظة — صحة قراءة النهر بمقياس خشم القربة يوم ٢٤/٢٥ المذكورة بتقرير يوم ٢٤ و ٢٥ ٦/٣١ هي ١٠٫٣٨ بدلا من ١٠٫٤٠ مترا.

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
2.8	2550	3958
1.8	2232	3853

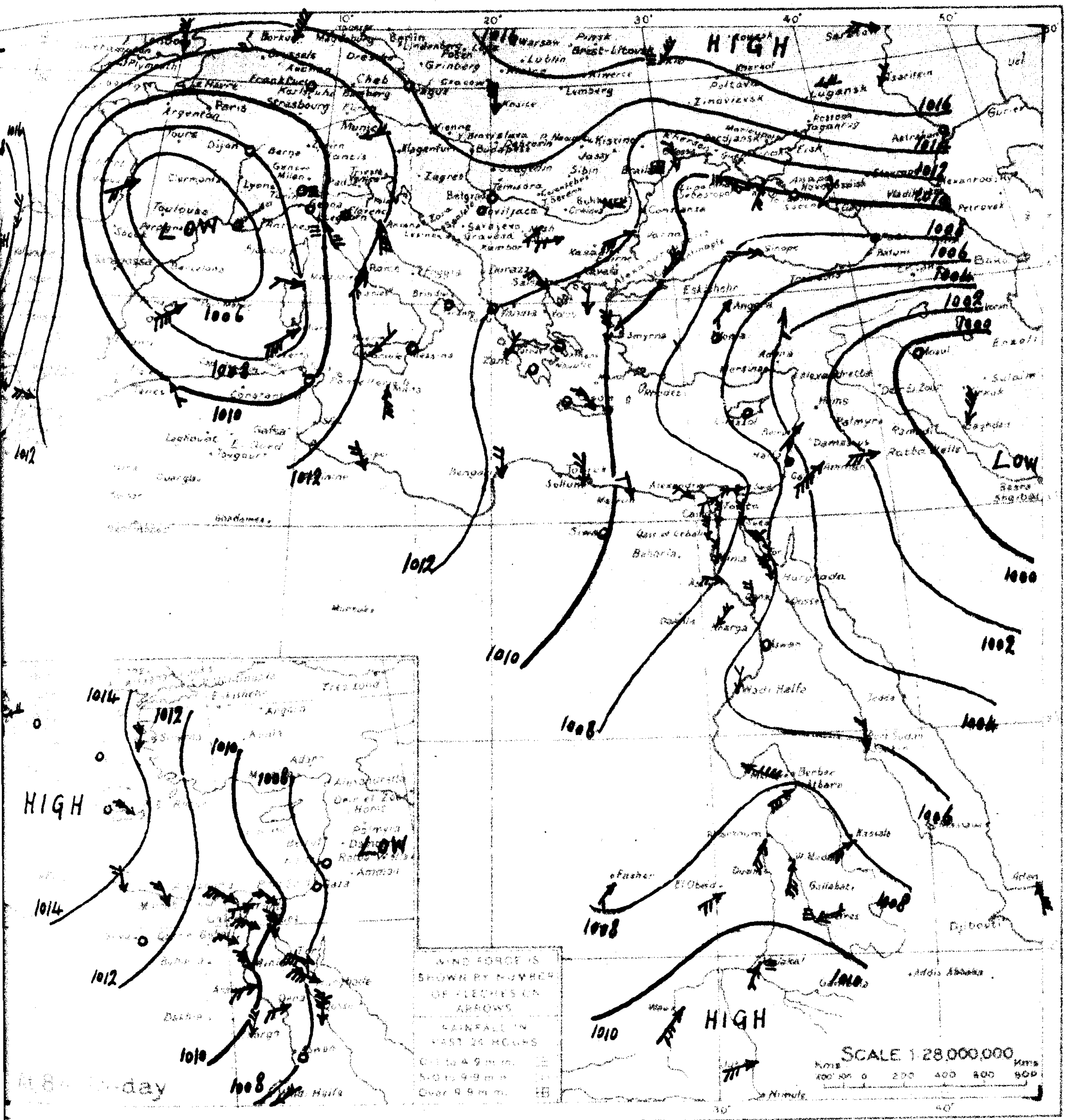
GAUGE	Date	Reading	Diff from normal	Reading
	1931	m	m	m
Juba	2.8	13.80	+0.13	13.89
Nasser	2.8	9.42	−0.12	9.41
Malakal	2.8	11.44	−0.13	11.42
Roseires	3.8	18.60	+0.03	18.00
Sennar Res.	1.8	17.16	—	17.20
Makwar	1.8	9.96	−1.24	10.29
Khartoum	2.8	13.96	−0.39	13.80
Kh. el Girba	1.8	13.30	−0.42	13.40
Atbara	2.8	12.84	−0.66	12.52
Wadi Halfa	2.8	4.30	−0.65	4.35
Aswan Res.	2.8	95.13	—	95.04
" D.S.	2.8	87.87	−0.83	87.54
El Leithi	3.8	17.42	−1.23	17.33
Roda (Cairo)	3.8	15.75	−0.35	15.75

PRINTED AT THE SURVEY OF EGYPT 1930(24/6.59/) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٣١-٨-٢ Barometer and Wind at 8 h. Yesterday 2.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١-٨-٢ From Observations taken at 8 h yesterday. 2.8.31.

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
ROME	1012.6	+0.7	-2.2	SW	2	1	28	+3	—	32	—	19	—	40	—	—	—	725	—
MALTA	1013.0	+1.4	-3.7	S	3	0	26	+2	—	30	0	21	-1	70	—	0	338	428	1
ATHENS	1011.4	+2.4	-1.3	—	0	0	27	+6	—	—	—	—	—	40	—	—	—	369	—
CANDIA	1011.6	+3.7	-0.3	NW	2	1	29	+2	—	30	+1	21	-1	—	—	0	519	460	2
LIMASSOL	1005.1	+3.1	-2.3	—	0	1	28	0		32	—	19	0	—	—	0	393	464	0
Merowe مروي	1006.6	+3.1	-1.6	SE	4	0	32.5	-1.0	+0.7	44	+2	27	0	29	-11	0	0	14	—
Atbara عطبرة	1008.7	+1.5	+0.5	SW	3	0	33.6	+0.6	+2.8	41	+1	28	+2	32	-7	0	3	35	—
Kassala كسلا	1007.9	-1.1	-3.7	SW	2	4	28.0	+2.0	+1.6	36	+2	25	+2	70	+1	0	119	160	—
El Fasher الفاشر	1007.2	+0.2	—	SSW	1	2	25.5	+0.5	+1.2	33	—	23	+3	69	0	0	139	146	—
El Obeid الأبيض	1009.6	—	-2.5	SW	2	4	25.0	+2.8	-0.1	36	+3	21	0	80	+5	0	123	160	—
Wau واو	1010.7	+1.9	-0.8	SSW	3	2	25.0	-1.0	+1.2	32	0	22	+2	84	+1	0	554	750	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05h 16m

" " sunset 18h 46m

From Observations taken at 8h. to-day.

Tuesday 4th August, 1931 — ١٩٣١ الثلاثاء ٤ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.3	+0.3	+2.8	NW	2	0	26.9	−0.2	+0.6	31	—	21	—	66	−2	0	57	101	3
	MATRUH	1011.2	−0.8	+1.5	NNW	3	0	27.2	+0.9	+1.4	29	+1	26	+5	83	+3	0	179	158	3
	ALEXANDRIA	1010.0	−1.4	+0.3	NW	1	0	25.9	−0.5	−0.6	30	−1	24	+1	84	+9	0	96	190	1
	PORT SAID	1009.1	−1.1	+1.0	NNW	1	0	28.2	−0.7	+0.5	32	+1	24	0	71	−1	0	62	82	1
	GAZA	—	—	—	—	0	0	27.4	+0.5	−0.4	31	+1	21	+1	66	−5	0	251	376	—
	HAIFA	1006.6	−0.4	+0.6	—	0	0	31.8	+0.7	+2.6	34	+3	26	+4	63	−5	0	665	647	1
LOWER EGYPT	TANTA	1010.0	−1.0	—	NW	1	1	26.8	+0.1	—	34	—	20	—	73		0	35		
	EZBEKIYA	1009.4	−1.6	+0.1	NE	3	3	26.1	+0.7	+0.3	35	0	22	+1	76	+2	0	17	34	
	GIZA	1009.5	−1.9	−0.1	N	2	3	25.3	+0.7	—	35	0	21	+1	78	—	0	21	31	
	HELWAN	1008.7	−2.1	−0.4	NNE	3	1	25.2	+0.7	+0.3	35	0	22	+1	69	+2	0	19	35	
	SIWA	1011.8	−1.0	+1.1	—	0	0	—	—	—	38	0	24	+3	—	—	0	38	7	
RED SEA	SUEZ	1008.4	−0.7	−0.2	N	3	2	27.0	+1.0	+0.6	35	−1	23	0	73	−2	0	28	26	0
	TOR	1005.1	−2.5	−0.9	NW	4	0	28.0	−0.2	−0.6	34	0	26	+2	77	+3	0	11	14	4
	HURGHADA	1005.5	−2.3		NNW	6	0	29.2	+0.1		34		25		69		0	0		4
	QUSEIR	1005.3	−1.8		NW	7	0	32.3	+1.1		33		27		45		0	15		7
[illegible]	[illegible]	1010.6	−1.8	+1.3	NNW	3	0	27.0	+2.1	−0.6	36	−1	22	+2	63	+3	0	17		
	[illegible]	1009.3	−0.6		N	3	0	25.5	+0.5	−0.9	35	−1	21	0	72	+6				
	[illegible]	1009.4	−1.4	+1.0	WNW	2	0	25.8	−1.0	−1.9	36	−1	24	+1	66	+16	0	7		
	[illegible]	1006.8	−1.8		WSW	2	0	29.9	−0.3	−1.4	43	+2	26	+2	41	0				
	[illegible]	1008.4	−0.9		NNE	2	0	28.9	−1.0		38		22		55		0	1		
	[illegible]	1006.7	−1.3	−0.6	—	0	0	29.7	−1.6	−2.5	41	−1	25	−1	33	0				
	[illegible]	1007.6	+0.6	−0.4	N	1	0	30.0	−2.6	−0.4	43	+2	25	+2	25	−3				
	[illegible]	1008.2	−0.1	0.0	SW	4	0	31.0	−3.0	+0.3	43	+3	27	+2	45	+6	0	3	38	
	[illegible]	1010.4	+2.8	+1.2	SSW	3	4	24.4	−7.4	−3.3	41	+3	22	−3	77	+11	1	8	72	
	[illegible]	1006.2	+1.2	+0.8	SE	2	0	35.5	+0.5	−0.7	42	+1	31	+3	56	+15	0	29	118	2
	[illegible]	1012.0	+3.0	+0.1	ENE	1	3	21.0	−2.5	−2.6	34	+2	21	0	91	+11	21	398	433	

General Situation

9.00

	25	NNE
	50	NE
	60	NE
	15	ENE

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Over Sub Temperature Mean of Day: Yesterday	Over Sub Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	77	+5	24.0	+1.4
Ezbekiya	59	−2	22.5	−0.4
Giza	64	+3	22.5	—
Helwan	55	+6	21.2	+1.0

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Khashm el Girba river gauge reading for 26.6.31 published on 29.6.31 should read 10.40 instead of 10.30 m.

ملاحظة — صحة قراءة النهر بمقياس خشم القربة يوم ٢٦/٦/٣١ المذكورة بتقرير يوم ٢٩/٦/٣١ من ١٠٫٣٠ يقرأ ١٠٫٤٠ مترا.

Discharges at Aswan measured by sluices m.3 per sec.		
DATE	1931	1930
2.8	2550	3958
1.8	2232	3853

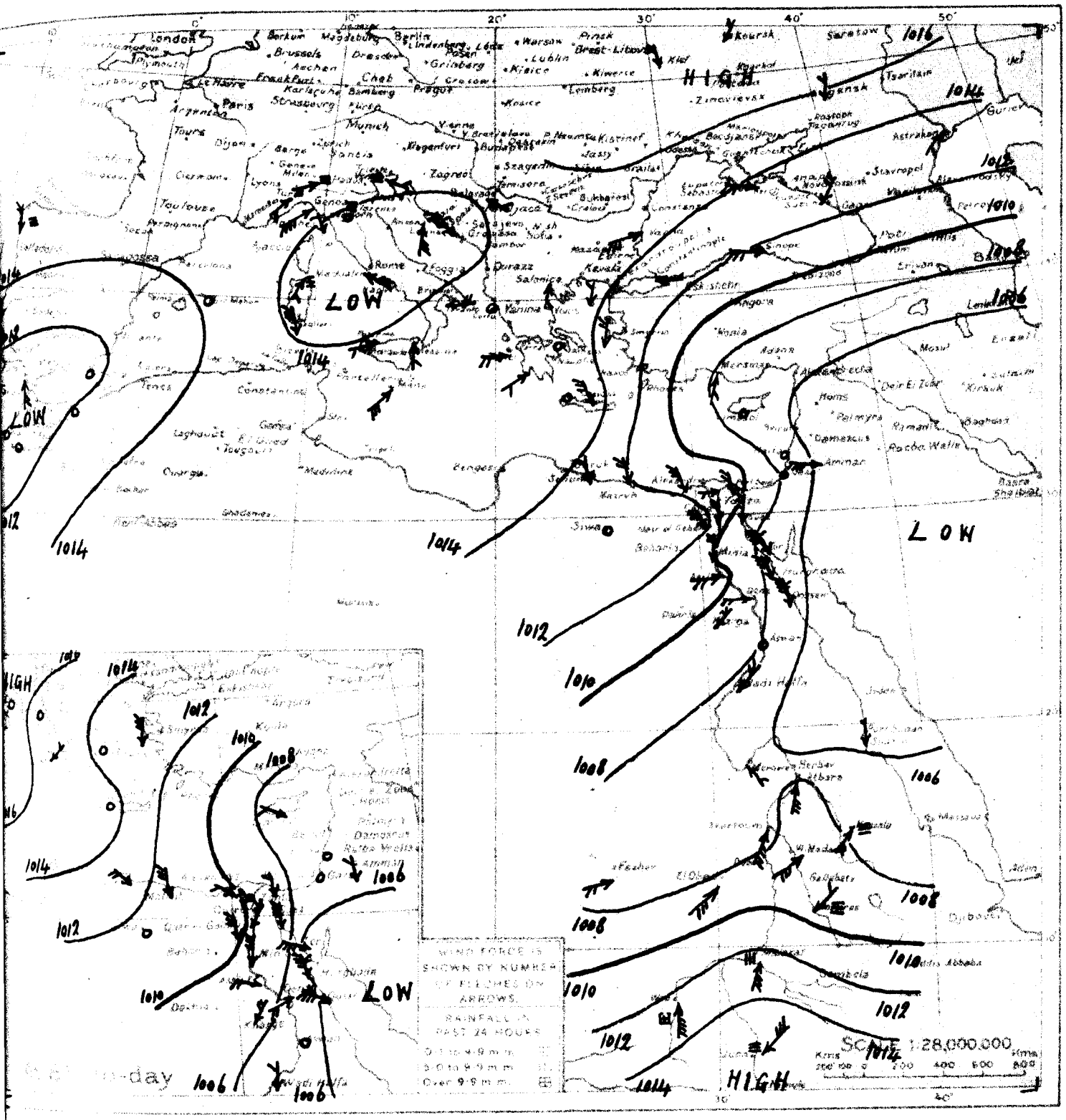
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous Reading m	[illegible] m
Duba	3.8	13.82	+0.14	13.80	+0.13
Naser	3.8	9.45	−0.11	9.42	−0.12
Malakal	3.8	11.45	−0.13	11.44	−0.13
Roseires	4.8	18.30	−0.37	18.60	+0.03
Sennar Res.	3.8	17.20	—	17.20	—
Makwar	3.8	10.26	−1.25	10.00	−1.38
Khartoum	3.8	14.00	−0.44	13.96	−0.39
Kh. el Girba	2.8	13.50	−0.26	13.30	−0.42
Atbara	3.8	13.21	−0.38	12.84	−0.66
Wadi Halfa	3.8	4.23	−0.92	4.30	−0.65
Aswan Res.	3.8	95.13	—	95.04	—
" D.S.	2.8	87.87	−0.83	87.54	−0.96
El Leithi	2.8	17.52	−1.23	17.42	−1.23
Roda (Cairo)	4.8	13.77	−0.38	13.75	−0.35

PRINTED AT THE SURVEY OF EGYPT 1929(29/689/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ٨ - ٣ Barometer and Wind at 8 h. Yesterday 3.8.31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rain	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ - ٨ - ٣ From Observations taken at 8 h. yesterday. 3.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b	m.b	m.b				°C.	°C	°C	°C	°C	°C	°C.	%		m.m	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.6	+1.0	-1.4	SE	3	4	29	+1	—	34	—	25	—	40	—	—	—	724	—
	MALTA	1015.2	+2.2	-1.5	SSW	3	0	27	+1	—	30	0	23	+1	70	—	0	338	428	1
	ATHENS	1014.6	+3.2	+1.9	—	0	0	27	0	—	—	—	—	—	40	—	—	—	370	—
	CANDIA	1014.3	+2.7	+2.4	NW	3	1	27	-2	—	30	+1	25	+3	—	—	0	519	460	3
	LIMASSOL	1006.8	+1.7	-0.6	—	0	0	28	0		32	-1	19	0	—	—	0	393	464	0
EGYPT and SUDAN	Merowe مروى	1006.3	-0.3	-1.9	SE	1	0	34.0	+1.5	+2.3	46	+5	28	+1	33	-7	0	0	14	—
	Kassala كسلا	1007.8	-0.1	-3.8	SW	2	0	30.0	+2.0	+3.6	32	-2	25	+3	65	-4	1	120	164	—
	El Fasher الفاشر	1007.4	+0.2	—	WSW	2	0	27.0	+1.5	+2.7	33	-1	23	+3	60	-9	0	139	151	—
	El Obeid الأبيض	1009.9	+0.3	-2.2	SW	3	4	25.7	+0.7	+0.6	34	+1	23	+2	76	+1	0	123	163	—
	Wau واو	1013.5	+2.8	+2.0	S	4	4	22.0	-3.0	-1.8	31	-1	20	0	96	+13	14	568	757	—
	Juba جوبا	1014.8	+4.0	—	NE	3	4	22.0	-3.2	—	34	—	20	—	96	—	3	735	696	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 17 m

" " sunset 18 h 45 m

From Observations taken at 8 h. to-day.

Wednesday 5th August, 1931 — الاربعاء ٥ اغسطس ١٩٣١

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.5	−1.8	+1.0	NNW	3	0	26.9	0.0	+0.6	34	—	21	—	72	+3	0	57	101	4
	MATRUH	1009.1	−2.1	−0.7	NNE	3	0	27.7	+0.5	+1.9	29	+1	26	+5	85	+6	0	179	158	3
	ALEXANDRIA	1006.6	−3.4	−3.1	W	1	0	26.8	+0.9	+0.3	30	−1	24	+1	81	+6	0	96	190	1
	PORT SAID	1005.9	−3.2	−2.2	W	3	1	28.0	−0.2	+0.3	33	+2	24	0	81	+9	0	62	82	1
	GAZA	—	—	—	—	0	0	28.6	+1.2	+0.8	31	+1	22	+2	71	0	0	251	376	
	HAIFA	1003.1	−3.5	−3.0	SSW	1	0	30.9	−0.9	+1.7	34	+3	26	+4	67	−1	0	665	647	2
LOWER EGYPT	TANTA	1007.2	−2.8		SW	1	0	26.9	+0.1		37		21		79		0	35		
	CAIRO EZBEKIYA	1007.0	−2.4	−2.3	WNW	2	2	26.0	−0.1	+0.2	36	+1	23	+2	77	+5	0	17	34	
	CAIRO GIZA	1007.1	−2.4	−2.6	NNW	1	3	25.6	+0.3	—	36	+1	21	+1	84	—	0	21	31	
	CAIRO HELWAN	1006.7	−2.0	−2.4	NNW	2	0	25.0	−0.2	0.0	36	+1	22	+1	77	+10	0	19	35	
	SIWA	1011.2	−0.6	+0.5	NW	1	0	26.5	—	+0.3	38	0	25	+4	77	+16	0	38	7	
RED SEA	SUEZ	1005.8	−2.6	−2.8	N	2	0	26.5	−0.5	+0.1	36	0	23	0	73	−2	0	28	26	2
	TOR	1003.5	−1.6	−2.5	—	0	0	30.5	+2.5	+1.9	34	0	27	+3	62	−12	0	11	14	1
	HURGHADA	1004.4	−1.1		NNW	5	0	31.3	+2.1		34		26		56		0	0		3
	QOSSEIR	1004.3	−1.0		N	5	0	32.5	+0.2		33		27		42		0	15		5
UPPER EGYPT	GEBALI	1008.2	−2.4	−1.1	NW	1	0	27.4	+0.4	−0.2	37	0	22	+2	60	0	0	17		
	MINYA	1006.4	−2.9		N	2	0	27.0	+1.5	+0.7	35	−1	22	+1	56	−10				
	ASYUT	1007.0	−2.4	−1.4	W	2	0	27.6	+1.8	−0.1	36	−1	23	0	53	+3	0	7		
	QENA	1005.3	−1.5		WSW	3	1	31.3	+1.4	0.0	43	+2	28	+4	37	−4				
	KHARGA	1006.7	−1.7		—	0	0	28.4	−0.5		38		20		35		0	1		
	ASWAN	1005.8	−0.9	−1.5	—	0	0	32.0	+2.3	−0.2	42	0	27	+1	32	−1				
NORTH SUDAN	WADI HALFA	1006.7	−0.9	−1.3	—	0	0	28.6	−1.4	−1.8	39	−2	23	0	26	−2				
	MEROWE																			
	ATBARA	1008.6	+0.4	+0.4	S	3	0	31.0	0.0	+0.3	41	+1	28	+3	48	+8	0	3	39	
	KHARTOUM	1010.7	+0.3	+1.5	SSW	3	2	27.0	+2.6	−0.7	36	−2	24	−1	69	+3	0	8	74	
CENTRAL SUDAN	PORT SUDAN	1006.0	−0.2	+0.6	SW	3	0	34.4	+3.9	+3.2	40	−1	28	0	17	−24	0	29	119	3
	KASSALA																			
	WAD MEDANI	1010.7	+1.4	−0.1	SW	3	1	26.0	+2.0	+0.4	29	−6	22	0	76	+7	0	211	202	
	ROSEIRES	1010.4	−1.6	−1.5	NNE	1	2	24.0	+3.0	+0.4	27	−5	21	0	83	+3	trace	398	440	
SOUTH SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL	1013.3	−1.3	+0.5	—	0	4	24.2	+1.9	−0.2	31	0	22	+1	93	+8	5	349	570	
	AKOBO																			
	JUBA	1013.5	−0.9		SW	4	2	23.3	+1.3		30		19		86		9	744	702	

Upper Wind Observations at Helwan at 8 h 45 m

Height (Metres)	Speed in knots	Direction
500	15	N
1000	15	N
1500	10	N
2000	5	N
3000	10	SSW

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	81	+9	25.0	+2.4
Ezbekiya	55	−6	23.2	+0.3
Giza	54	−7	22.8	—
Helwan	46	−3	21.2	+1.0

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
4.8	2937	4306
3.8	2841	4096

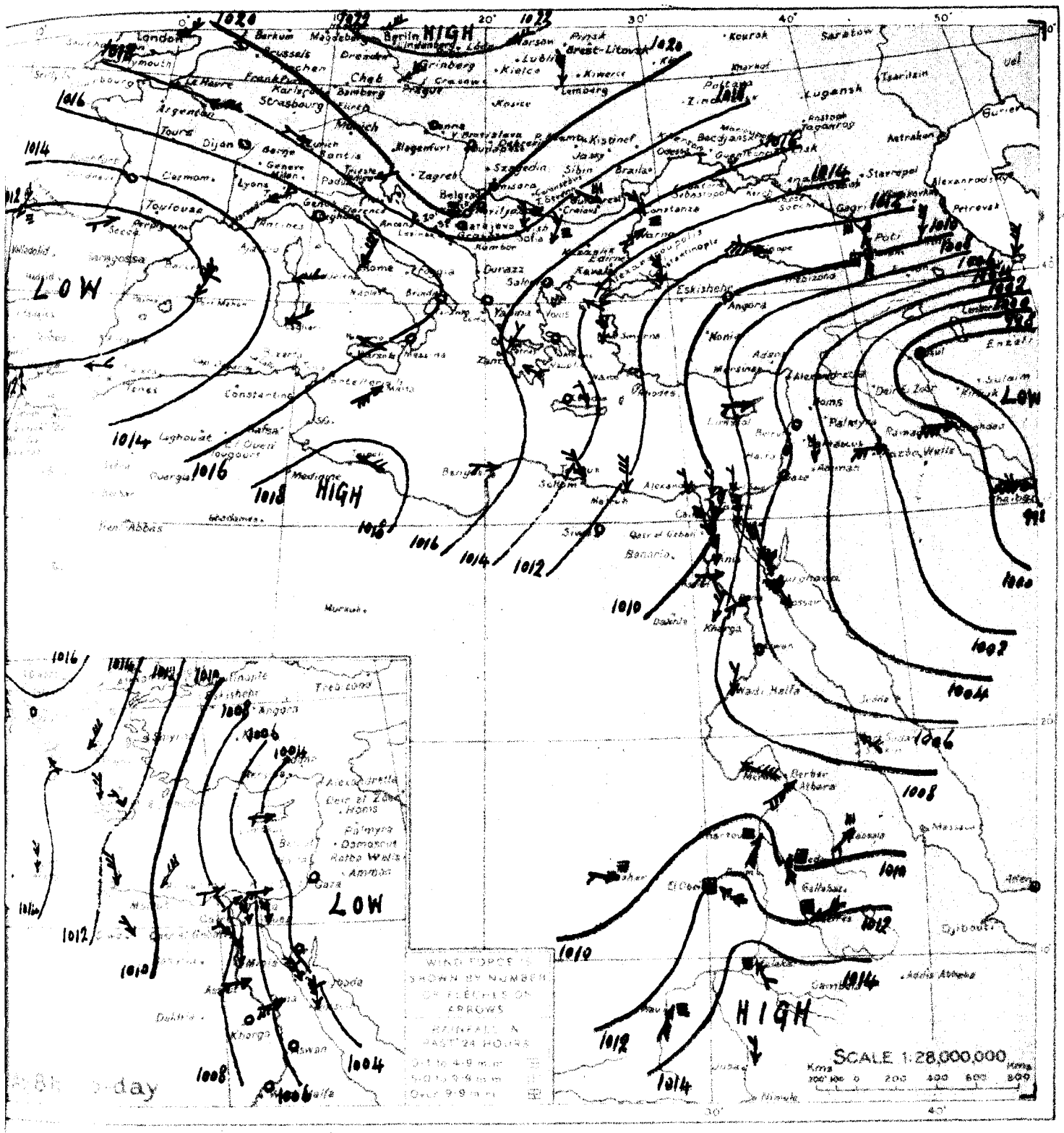
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff.
	1931	m	m	m	m
Juba	4.8	13.89	+0.21	13.82	+0.14
Nasser	4.8	9.49	−0.09	9.45	−0.11
Malakal	4.8	11.47	−0.13	11.45	−0.13
Roseires	5.8	18.56	−0.23	18.30	−0.37
Sennar Res.	4.8	17.20	—	17.20	—
Makwar	4.8	10.63	−0.99	10.26	−1.25
Khartoum	4.8	14.14	−0.39	14.00	−0.44
Kh. el Girbd	3.8	13.20	−0.66	13.50	−0.26
Atbara	4.8	13.25	−0.45	13.21	−0.39
Wadi Halfa	5.8	4.53	−0.97	4.30	−1.03
Aswan Res.	4.8	95.09	—	95.01	—
" D.S.	4.8	88.36	−0.74	88.29	−0.81
El Leithi	5.8	17.70	−1.25	17.32	−1.63
Roda (Cairo)	5.8	15.79	−0.41	15.77	−0.30

PRINTED AT THE SURVEY OF EGYPT 1930(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٤-٨-٣١. Barometer and Wind at 8 h. Yesterday 4.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤-٨-٣١. From Observations taken at 8 h yesterday 4.8.31.

		Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Max. in yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.2	+1.6	+0.2	NE	3	4	26	−3	—	34	—	20	—	40	—	—		725	—
	MALTA	1017.4	+2.2	+0.7	SW	3	0	28	+1	—	32	+2	24	+2	60	—	0	338	428	0
	ATHENS	1014.3	−0.3	+1.6	—	0	0	29	+2	—	—	—	—	—	40	—	—	—	370	—
	CANDIA	1014.6	+0.3	+2.7	NW	1	0	31	+4	—	31	+2	26	+4	—	—	0	519	460	2
	ALEXANDRIA	1006.7	−0.1	−0.7	WNW	1	0	30	+2		33	0	21	+2	—	—	0	393	464	2
EGYPT and SUDAN	Merowe	1008.7	+2.4	+0.5	SE	5	0	32.0	−2.0	+0.3	46	+5	27	0	43	+3	0	0	15	—
	Kassala	1009.8	+2.0	−1.8	SW	1	3	28.0	−2.0	+1.6	38	+4	21	−1	63	−6	6	126	168	—
	Wad Medani	1009.3	+1.0	−1.5	S	2	3	24.0	−3.2	−1.6	37	+2	21	−1	79	+10	47	211	198	—
	El Fasher	1009.1	+1.7	—	WNW	1	4	23.0	−4.0	−1.2	36	+3	22	+2	88	+18	trace	139	156	—
	El Obeid	1012.2	+2.3	+0.1	SE	2	4	22.2	−3.5	−2.9	35	+2	19	−2	96	+20	29	152	167	—
	Malakal	1014.6	+1.4	+1.8	SSE	1	4	22.3	−1.8	−2.1	30	−1	21	0	95	+10	2	344	564	—
	Wau	1012.0	−1.5	+0.5	SSW	3	3	23.3	+1.3	−0.5	36	−6	21	+1	93	+9	1	569	764	—
	Juba	1014.4	−0.4	—	NNW	1	4	22.0	0.0	—	27	—	20	—	97	—	0	735	699	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 17 m

" sunset 18 h 44 m

From Observations taken at 8 h. to-day.

Thursday 6th August, 1931 ١٩٣١ الخميس ٦ اغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum Last night	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Jan.	Rainfall: Normal to 1st Jan.	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.7	−0.8	+0.1	N	4	0	27.1	+0.2	+0.8	32	—	22	—	65	−4	0	57	101	5
	MATRUH	1007.6	−1.5	−2.2	NNW	5	1	24.8	−0.9	+1.0	29	+1	26	+5	88	+9	0	179	158	6
	ALEXANDRIA	1006.0	−0.6	−3.8	NW	1	0	28.0	+1.2	+1.5	31	0	24	+1	77	+2	0	96	190	1
	PORT SAID	1005.1	−0.8	−3.0	W	2	0	29.0	+1.0	+1.3	33	+2	25	+1	72	0	0	62	82	1
	GAZA	—	—	—	—	0	0	28.1	−0.5	+0.3	32	+2	20	0	69	−2	0	251	376	
	HAIFA	1002.4	−0.7	−3.7	NW	1	0	31.1	+0.2	+1.9	34	+3	23	+1	65	−3	0	665	647	1
LOWER EGYPT	TANTA	1005.8	−1.4		W	1	3	28.0	+1.1	—	38	—	24	—	71	—	0	35	—	
	CAIRO: EZBEKIYA	1006.0	−1.0	−3.4	WNW	1	3	27.0	+1.0	+1.1	38	+3	25	+4	74	0	0	17	34	
	CAIRO: GIZA	1005.9	−1.2	−3.8	—	0	3	27.9	+1.4	—	38	+3	25	+5	77	—	0	21	31	
	CAIRO: HELWAN	1006.4	−0.3	−2.8	NW	1	3	26.6	+1.6	+1.6	38	+3	24	+3	72	+5	0	19	35	
	SIWA	1009.1	−2.1	−1.6	NW	1	0	25.8	−0.7	−0.4	39	+1	25	+4	84	+23	0	38	7	
RED SEA	SUEZ	1004.7	−1.1	−3.9	N	3	0	27.2	+0.7	+0.8	38	+2	25	+2	83	+8	0	28	26	3
	TOR	1004.8	+1.3	−1.3	NW	2	0	29.4	−1.1	+0.8	36	+2	26	+2	76	+2	0	11	14	2
	HURGHADA	1005.3	+0.9	—	NNW	5	0	32.0	+0.7		36	—	24		61		0	0		3
	QOSSEIR	1004.8	+0.5	—	N	3	0	33.8	+1.3	—	34	—	28	—	26	—	0	15		3
UPPER EGYPT	GEBAL	1007.4	−0.8	−1.9	NW	1	0	28.5	+1.1	+0.9	38	+1	24	+4	64	+4	0	17		
	MINYA	1005.0	−1.4	—	NNW	1	0	27.5	+0.5	+1.2	37	+1	23	+2	74	+7				
	ASYUT	1007.0	0.0	−1.4	WNW	2	0	28.2	+0.6	+0.5	38	+1	24	+1	57	+7	0	7		
	QENA	1006.4	+1.1	—	W	2	0	31.0	−0.3	−0.3	43	+2	26	+2	33	−9				
	KHARGA	1006.6	−0.1		—	0	0	30.2	+1.8		39		21		33		0	1		
	ASWAN	1007.1	+1.3	−0.2	—	0	0	32.3	+0.3	+0.1	42	0	26	0	30	−3	—	—	—	
NUBIA	WADI HALFA	1006.6	−0.1	−1.4	NW	1	0	29.8	+1.2	−0.6	40	0	22	−1	31	+3				
	MEROWE	1008.7	−1.2	+0.5	SE	1	0	34.0	+0.5	+2.3	44	+3	27	0	33	−7	0	0	16	
	ATBARA	1008.4	−0.2	+0.2	S	3	1	30.0	−1.0	−0.7	40	0	29	+4	47	+7	0	3	41	
	KHARTOUM	1010.4	−0.3	+1.2	SSW	2	2	30.1	+3.1	+2.4	37	−1	27	+2	57	−9	drops	8	76	
SUDAN	KHARTOUM AIRPORT	1007.4	+1.4	+2.0	SW	3	0	39.4	0.0	+3.2	45	+4	28	0	22	−19	0	29	119	3
	WAD MEDANI	1011.5	+0.8	+0.7	S	3	3	25.5	−0.5	−0.1	33	−2	23	+1	76	+7	0	211	207	
	KOSSEIR	1011.8	+1.4	−0.1	NNE	1	4	23.5	−0.5	−0.1	32	0	23	+2	87	+7	0	398	447	
SUDAN	EL FASHER	—																		
	EL OBEID	—																		
	SENNAR	1013.9	+0.6	+1.1	SSE	1	4	23.3	−0.9	−1.1	27	−4	21	0	90	+5	4	353	576	
	WAU	—																		
	KURA	—																		

Upper Wind Observations at Helwan at 8.30 p.m.

Height	Km. per hour	Direction
500	10	W
1000	20	WSW
1500	30	WSW
2000		
3000		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	80	+8	25.3	+2.7
Ezbekiya	58	−3	23.2	+0.3
Giza	62	+1	23.2	—
Helwan	55	+6	21.9	+1.7

NOTE. A dash means that figures are not available.

Terms of Subscription: By Inland Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
5.8	2926	4690
4.8	2937	4306

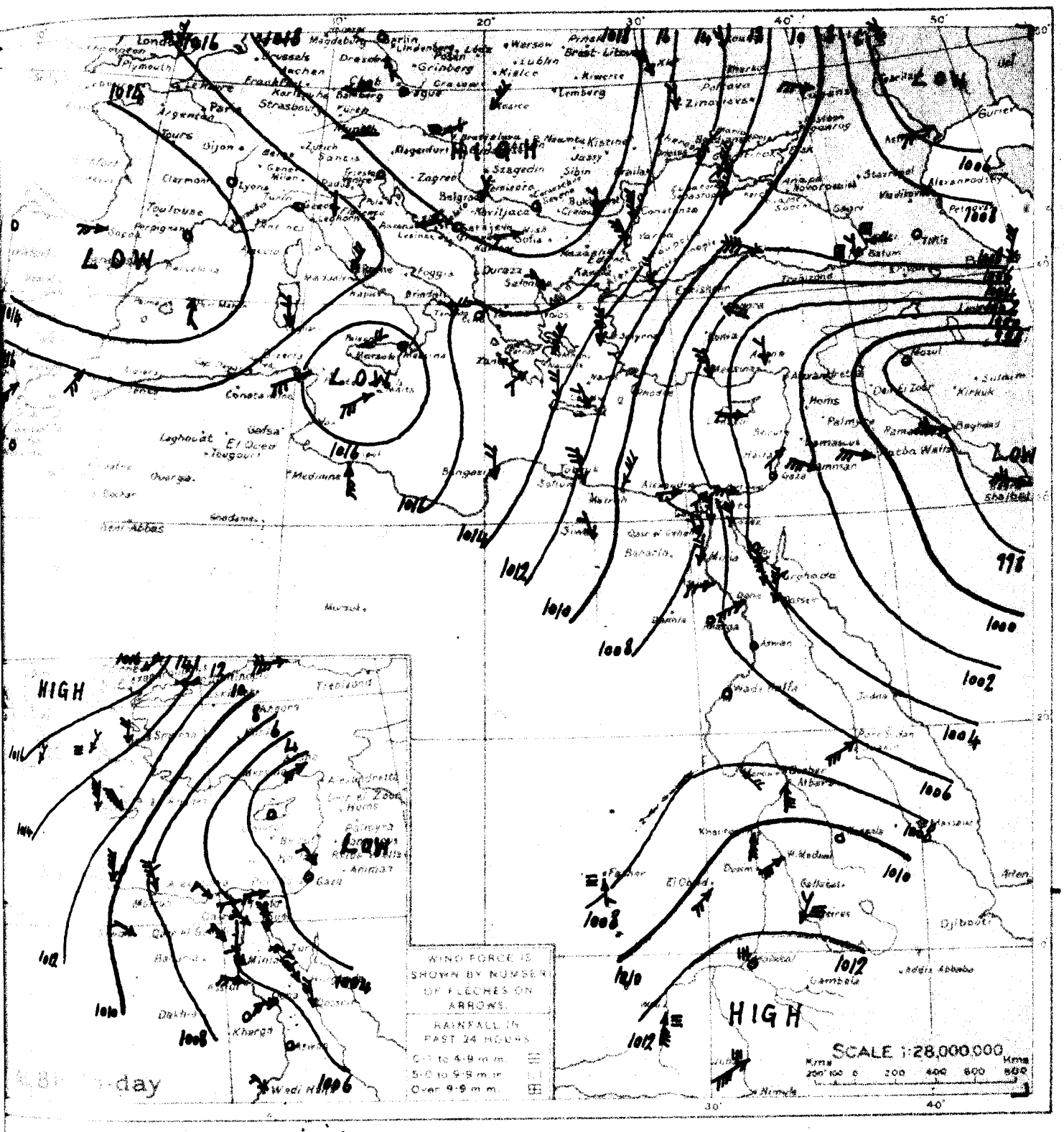
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Prev. Reading m.	Diff. from normal m.
Juba	5.8	14.02	+0.33	13.89	+0.21
Nasser	5.8	9.50	−0.09	9.49	−0.09
Malakal	5.8	11.48	−0.14	11.47	−0.13
Roseires	6.8	18.54	−0.23	18.50	−0.23
Sennar Res.	5.8	17.20	—	17.20	—
Makwar	5.8	10.46	−1.23	10.43	−0.99
Khartoum	5.8	14.28	−0.35	14.24	−0.34
Kh. el Girba	4.8	13.20	−0.62	13.20	−0.60
Atbara	5.8	13.30	−0.50	13.25	−0.45
Wadi Halfa	5.8	4.53	−0.97	4.30	−1.03
Aswan Res.	5.8	95.06	—	95.09	—
" D.S.	5.8	88.33	−1.02	88.36	−0.74
El Leithi	6.8	17.83	−1.27	17.70	−1.25
Roda (Cairo)	6.8	15.75	−0.33	15.79	−0.41

PRINTED AT THE SURVEY OF EGYPT 1820(29/689/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ٨ - ٥ Barometer and Wind at 8 h. Yesterday 5.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ - ٨ - ٥ From Observations taken at 8 h. yesterday. 5.8.31.

	Stations	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b.				°C	°C	°C.	°C	°C.	°C	°C.	°/o		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.2	0.0	+0.2	NE	2	4	27	+1	—	35	—	23	—	40	—	—	—	725	—
	MALTA	1015.4	-2.0	-1.3	WSW	3	1	32	+4	—	33	+3	25	+3	30	—	0	338	428	1
	ATHENS	1015.1	+0.8	+2.4	NNE	3	0	29	0	—	—	—	—	—	40	—	—	—	370	—
	CANDIA	1012.4	-2.2	+0.5	NW	1	1	28	-3	—	33	+4	25	+3	—	—	0	519	460	2
	LIMASSOL	1003.0	-3.7	-4.4	W	1	0	30	0		34	+1	19	-1	—	—	0	393	464	1
EGYPT and SUDAN	Merowe	1009.9	+1.2	+1.7	SE	2	0	33.5	+1.5	+1.8	44	+3	27	0	38	-2	0	0	15	—
	Kassala	1010.3	+0.5	-1.3	—	0	0	26.0	-2.0	-0.3	34	+1	23	+1	76	+6	0	126	171	—
	El Fasher	1007.8	-1.3	—	SSE	1	2	24.0	+1.0	-0.2	34	+1	21	+1	79	+9	drops	159	161	—
	El Obeid	1010.2	-2.0	-1.9	SW	2	3	25.0	+2.8	0.0	30	-3	21	0	84	+8	0	152	171	—
	Wau	1012.3	+0.3	+0.8	S	4	3	22.3	-1.0	-1.5	30	-2	21	+1	93	+9	4	573	171	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 18 m

" " sunset 18 h 44 m

From Observations taken at 8 h. to-day.

Friday 7th August, 1931 ١٩٣١ الجمعة ٧ اغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1011.5	+0.8	+0.9	NNW	4	0	27.7	+0.6	+1.4	31	—	21	—	59	-11	0	57	101	5
	MATRUH	1008.3	+0.7	-1.5	NNW	5	0	27.0	+0.2	+1.2	29	+1	25	+4	87	+8	0	179	158	5
	ALEXANDRIA	1006.7	+0.7	-3.1	NW	1	1	26.7	-1.3	+0.1	31	0	24	+1	79	+4	0	96	190	1
	PORT SAID	1006.3	+1.2	-1.8	W	2	2	28.9	-0.1	+1.2	33	+2	26	+2	76	+4	0	62	82	2
	GAZA	—	—	—	—	0	0	30.4	+2.3	+2.6	33	+3	22	+2	66	-5	0	251	376	
	HAIFA	1003.4	+1.0	-2.7	ENE	1	0	30.7	-0.4	+1.4	33	+2	23	+1	69	+1	0	665	647	1
LOWER EGYPT	TANTA	1006.7	+0.9	—	W	1	0	27.5	-0.5	—	37		23	—	67		0	35		
	CAIRO EZBEKIYA	1007.2	+1.2	-2.2	WNW	1	3	27.8	+0.8	+1.9	37	+2	24	+2	63	-12	0	17	34	
	GIZA	1007.5	+1.6	-2.2	WNW	1	2	26.3	-0.7	—	38	+3	22	+2	76	—	0	21	31	
	HELWAN	1007.4	+1.0	-1.8	NNW	2	2	25.0	-1.6	0.0	37	+2	23	+2	77	+10	0	19	35	
	SIWA	1011.2	+2.1	+0.5	WNW	1	0	24.5	-1.3	-1.7	38	0	24	+3	81	+20	0	38	7	
RED SEA	SUEZ	1005.8	+1.1	-2.9	N	3	0	28.0	+0.8	+1.6	36	0	26	+3	77	+2	0	28	26	3
	TOR	1005.8	+1.0	-0.3	—	0	0	32.0	+2.6	+3.3	38	+4	25	+1	49	-25	0	11	14	0
	HURGHADA	1005.6	+0.3		NNE	4	0	32.4	+0.4		37		24		70		0	0		2
	QOSSEIR																			
UPPER EGYPT	GEBALI	1008.4	+1.0	-0.9	NW	1	0	28.0	-0.5	+0.4	37	0	23	+3	60	0	0	17		
	MINYA	1006.2	+1.2		NNE	2	0	27.0	-0.5	+0.8	37	+1	22	+1	69	+2				
	ASYUT	1007.8	+0.8	-0.7	WNW	3	0	28.2	0.0	+0.5	38	+1	25	+2	57	+7	0	7		
	QENA	1006.7	+0.3		W	2	0	30.0	-1.0	-1.3	42	+1	24	0	37	-5				
	KHARGA	1007.4	+0.8		—	0	0	30.1	-0.1		40		22		38		0	1		
	ASWAN	1007.1	0.0	-0.2	—	0	0	32.5	+0.2	+0.3	42	0	28	+2	30	-3				
NORTH SUDAN	WADI HALFA	1007.6	+1.0	-0.5	W	2	0	33.6	+3.8	+3.2	43	+3	29	+6	45	+16				
	MEROWE	1010.8	+2.1	+2.6	SE	4	2	28.5	-5.5	-3.2	41	0	25	-2	31	-10	0	0	16	
	ATBARA	1009.4	+1.0	+1.2	SW	3	0	29.0	-1.0	-1.7	39	-1	26	+1	46	+6	0	3	42	
	KHARTOUM	1012.8	+2.4	+3.5	SSW	3	3	25.0	-5.1	-2.6	34	-4	22	-3	86	+19	54	62	78	
EAST SUDAN	PORT SUDAN	1008.4	+1.0	+3.0	SW	1	0	38.4	-1.0	+2.2	44	+3	32	+4	28	-13	0	29	119	1
	KASSALA	1013.4	+1.9	+1.7	—	0	2	26.0	0.0	-0.3	33	0	24	+2	84	+14	0	126	179	
	WAD MEDANI	1010.8	-0.7	0.0	S	3	2	24.5	-1.0	-1.1	34	-1	20	-2	83	+14	3	214	212	
	ROSEIRES	1012.8	+1.0	+0.9	NE	1	2	24.5	+1.0	+0.9	29	-3	21	0	80	-1	48	446	454	
SOUTH SUDAN	EL FASHER	1009.9	+1.1		SSW	1	3	27.0	+2.5	+2.8	33	0	22	+2	60	-10	1	141	171	
	EL OBEID	1013.5	+2.0	+1.5	W	3	4	21.8	-5.2	-3.2	32	-1	19	-2	88	+12	15	167	178	
	MALAKAL	1015.6	+1.7	+2.8	SE	1	3	22.9	-0.4	-1.5	30	-1	21	0	88	+3	1	354	582	
	WAU	1014.4	+0.9	+2.9	S	5	4	23.0	0.0	-0.8	30	-2	22	+2	96	+12	0	573	785	
	JUBA	1016.4	+2.9		NW	2	3	22.3	-1.7		31		19		93		1	756	708	

Upper Wind Observations at Helwan at 8 h. G.M.T.

Height in metres	Km an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	81	+9	25.3	+2.7
Ezbekiya	54	-8	22.8	-0.1
Giza	57	-5	23.0	—
Helwan	49	-1	22.0	+1.8

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
7.8	3138	5399
6.8	3027	5042

GAUGE	Date	Reading	Diff. from normal	Rise	
	1931	m.	m.	m.	
Juba	7.8	14.39	+0.69	13.98	+0.28
Nasser	5.8	9.50	-0.09	9.49	-0.09
Malakal	5.8	11.48	-0.14	11.47	-0.13
Roseires	6.8	18.54	-0.23	18.50	-0.23
Sennar Res.	5.8	17.20	—	17.20	—
Makwar	5.8	10.46	-1.23	10.63	-0.99
Khartoum	5.8	14.28	-0.35	14.14	-0.39
Kh. el Girba	4.8	13.20	-0.62	13.20	-0.65
Atbara	5.8	13.30	-0.50	13.25	-0.45
Wadi Halfa	5.8	4.53	-0.97	4.30	-1.03
Aswan Res.	7.8	95.00	—	94.93	—
" D.S.	7.8	88.46	-1.29	88.36	-1.22
El Leithi	6.8	17.83	-1.27	17.70	-1.25
Roda (Cairo)	6.8	15.75	-0.55	15.79	-0.41

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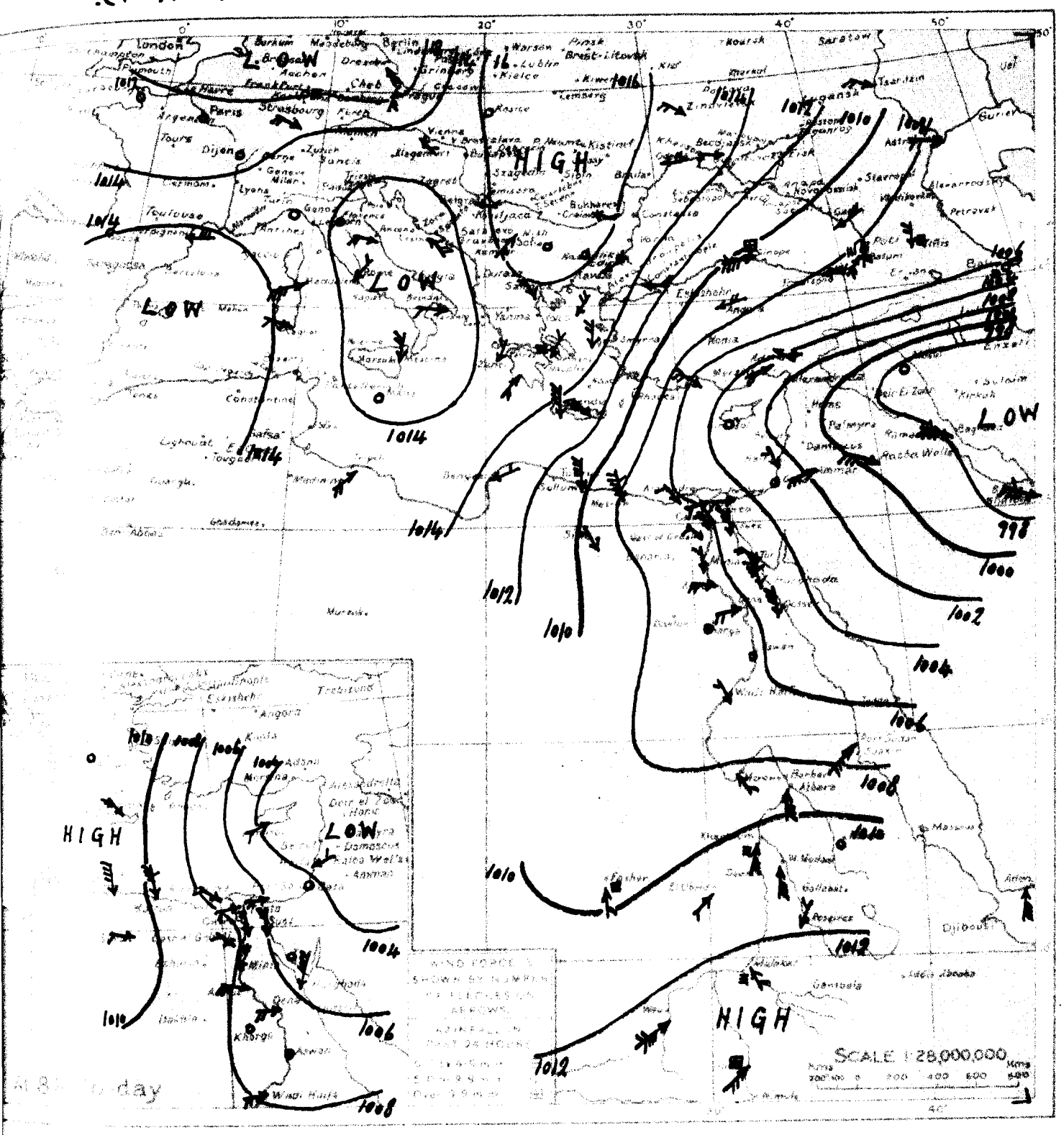
PHYSICAL DEPARTMENT.

REPORT.

٢١-٨-٦ Barometer and Wind at 8 h. Yesterday 6.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٨-٦ From Observations taken at 8 h yesterday 6.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h	Change in last 24 hours	Diff from normal	Max yesterday	Diff from normal	Min	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	EGYPT	1013.6	-1.6	-1.4	NE	1	4	27	0	—	36	—	23	—	50	—	—	—	726	—
	CRETA	1013.7	-1.7	-3.0	—	0	0	28	-4	—	37	+7	26	+4	70	—	0	338	428	0
	ATHENS	1014.2	-0.9	+1.6	NNE	1	0	28	-1	—	—	—	21	-1	40	—	2	—	371	—
	CANDIA	1012.7	+0.3	+0.8	NW	4	1	27	-1	—	30	+1	24	+2	—	—	0	519	460	4
	LIMASSOL	1002.2	-0.8	-5.3	—	0	0	31	+1		37	+4	21	+1	—	—	0	393	464	0
EGYPT and SUDAN	Kassala كسلا	1011.5	+1.2	-0.2	—	0	2	26.0	0.0	-0.3	35	+2	23	+1	80	+10	0	126	175	—
	El Fasher الفاشر	1008.8	+1.0	—	SSE	1	2	24.5	+0.5	+0.3	34	+1	22	+2	80	+10	1	140	166	—
	El Obeid الأبيض	1011.5	+1.3	-0.6	SW	1	2	27.0	+2.0	+2.0	33	0	23	+2	76	0	0	152	175	—
	Wau واو	1013.5	+1.2	+2.0	SW	6	3	23.0	+0.7	-0.8	29	-3	21	+1	83	-1	0	573	778	—
	Juba جوبا	1013.5	0.0	—	SW	2	2	24.0	+0.7	—	29	—	19	—	86	—	11	755	705	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 18m

" " sunset 18h 43m

From Observations taken at 8h. to-day.

Saturday 8th August, 1931 ١٩٣١ السبت ٨ اغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st	Rainfall: Normal from Oct. 1st to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1011.4	−0.1	+0.7	NW	2	0	26.4	−1.3	+0.1	30	—	21	—	65	−5	0	57	101	3
	MATROUH	1009.3	+1.0	−0.5	—	0	0	25.4	−1.6	−0.4	29	+1	21	0	90	+11	0	179	158	1
	ALEXANDRIA	1007.4	+0.7	−2.4	NW	1	0	27.1	+0.4	+0.5	30	−1	24	+1	75	+1	0	96	190	1
	PORT SAID	1008.0	+1.7	−0.2	W	2	1	28.0	−0.9	+0.3	34	+3	24	0	77	+5	0	62	82	1
	GAZA	—	—	—	SSW	2	1	28.1	−2.3	+0.3	33	+3	24	+4	71	0	0	251	376	
	HAIFA	1004.6	+1.2	−1.5	SSW	2	0	31.9	+1.2	+2.6	—	—	24	+2	59	−9	0	665	647	1
LOWER EGYPT	TANTA	1008.4	+1.7	—	W	1	3	27.2	−0.3	—	36	—	22	—	75	—	0	35		
	EZBEKIYA	1008.8	+1.6	−0.7	WNW	2	3	26.1	−1.7	+0.2	36	+1	24	+2	73	−2	0	17	34	
	GIZA	1008.7	+1.2	−1.0	WNW	1	3	26.2	−0.1	—	37	+2	22	+2	74	—	0	21	31	
	HELWAN	1008.8	+1.4	−0.5	—	0	0	24.9	−0.1	−0.1	36	+1	22	+1	87	+15	0	19	35	
	SIWA	1010.8	−0.4	+0.1	WNW	1	0	24.2	−0.3	−2.0	37	−1	21	0	81	+20	0	38	7	
RED SEA	SUEZ	1006.8	+1.0	−1.9	N	2	0	26.8	−1.2	+0.4	38	+2	25	+2	82	+7	0	28	26	1
	TOR	1006.2	+0.4	+0.1	NW	4	0	29.8	−2.2	+1.1	41?	+7	25	+1	79	+5	0	11	14	4
	HURGHADA	1006.7	+1.1		NNW	5	0	32.0	−0.4		37		26		67		0	0		3
	QOSSEIR	1006.8	—		NW	2	0	34.5	—		40		28		32		0	15		2
UPPER EGYPT	GERGA	1009.9	+1.5	+0.5	NW	1	0	27.3	−0.7	−0.3	37	0	22	+2	64	+4	0	17		
	MINIA	1007.9	+1.7		NNW	2	0	27.0	0.0	+0.8	35	−1	22	+1	64	−3				
	ASSIUT	1008.8	+1.0	+0.3	WNW	2	0	28.1	−0.1	+0.5	36	−1	23	0	49	−2	0	7		
	SOHAG	1008.2	+1.5		W	2	0	31.0	+1.0	−0.3	42	+1	25	+1	37	−5				
	KHARGA	1008.6	+1.2		—	0	0	30.0	−0.1		39		20		36		0	1		
	ASWAN	1008.7	+1.6	+1.4	—	0	0	31.8	−0.7	−0.4	43	+2	26	0	37	+4				
NORTH SUDAN	WADI HALFA	1007.0	−0.6	−1.1	—	0	3	30.0	−3.6	−0.4	43	+3	27	+4	41	+12				
	MEROWE																			
	ATBARA	1009.5	+0.1	+1.3	SW	2	0	31.0	+2.0	+0.3	39	−1	27	+2	45	+5	0	3	43	
	KHARTOUM	1011.8	−1.0	+2.5	SSW	2	1	25.7	+0.7	−1.9	35	−3	23	−2	85	+18	trace	62	81	
	PORT SUDAN	1005.9	−2.5	+0.4	NE	1	0	38.7	+0.3	+2.5	44	+3	32	+4	29	−12	0	29	119	1
	KASSALA																			
	WADI MEDANI	1011.9	+1.1	+1.1	S	2	1	26.0	+1.5	+0.4	33	−2	21	−1	76	+7	0	214	217	
	KOSTI	1012.0	−0.8	+0.1	NE	1	2	24.5	0.0	+0.9	32	0	21	0	80	−1	1	447	461	
	EL OBEID	1008.6	−1.3		SW	1	2	24.0	−3.0	−0.2	32	−1	20	0	75	+5	28	169	176	
	KORDOFAN	1014.6	−1.0	+1.8	SE	1	1	24.0	+1.1	−0.4	30	−1	20	−1	83	−2	3	357	588	
	ASIR																			
	JEDDA																			

Upper Air Observations at Helwan at 8.45

Height (Metres)	Speed (M. P. H.)	Direction
500	10	NW
1000	20	NW
1500	10	NNW
2000	15	WNW
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	81	+9	24.6	+2.0
Ezbekiya	53	−9	23.0	+0.1
Giza	60	−2	23.0	—
Helwan	57	+7	22.2	+2.0

NOTE. A dash means that figures are not available.

Terms of Subscription: By inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

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

DATE	1931	1930
8.8	3449	5662
7.8	3138	5399

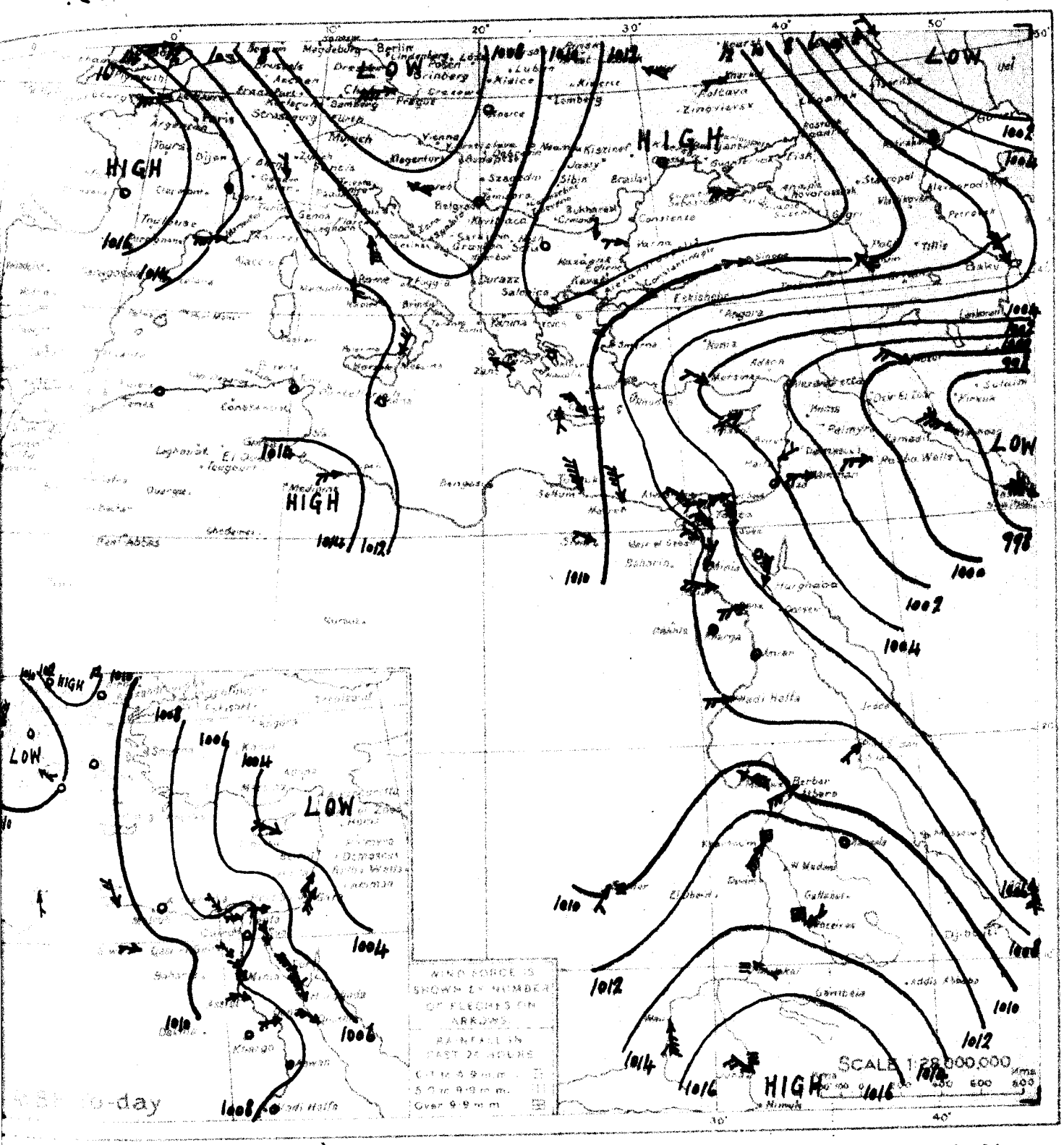
GAUGE	Date	Reading	Diff from normal	Rise: Reading	Rise: Diff from normal
	1931	m.	m.	m.	m.
Juba	7.8	14.39	+0.69	13.98	+0.28
Nasser	6.8	9.52	−0.09	9.50	−0.09
Malakal	7.8	11.51	−0.13	11.50	−0.13
Roseires	8.8	19.82	+0.98	19.09	+0.29
Sennar Res.	7.8	17.20	—	17.20	—
Makwar	7.8	10.65	−1.17	10.42	−1.33
Khartoum	7.8	14.42	−0.47	14.38	−0.34
Kh. el Girba	5.8	13.70	−0.14	13.20	−0.62
Atbara	7.8	13.78	−0.22	13.56	−0.34
Wadi Halfa	7.8	4.89	−0.94	4.76	−0.89
Aswan Res.	8.8	95.06	—	95.00	—
" D.S.	8.8	88.71	−1.23	88.46	−1.29
El Leithi	8.8	18.20	−1.34	18.00	−1.30
Roda (Cairo)	8.8	15.35	−0.63	15.82	−0.37

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ٨ - ٧ Barometer and Wind at 8 h. Yesterday 7.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ - ٨ - ٧ From Observations taken at 8 h. yesterday 7.8.31.

		Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SIMLA	1012.0	-1.6	-3.0	S	2	3	29	+2	—	38	—	23	—	40	—	—	—	727	—
	MALTA	1011.6	-2.1	-5.1	—	0	1	32	+4	—	39	+9	28	+6	40	—	0	338	429	0
	ATHENS	1011.1	-3.1	-1.5	—	0	0	30	+2	—	—	—	—	—	30	—	—	—	371	—
	CANDIA	1011.6	-1.1	-0.3	NW	3	1	29	+2	—	30	+1	25	+3	—	—	0	519	461	3
	LIMASSOL	1003.4	+1.2	-4.1	WSW	1	0	28	-3		35	+2	19	-1	—	—	0	393	464	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 19 m

" " sunset 18 h 42 m

From Observations taken at 8 h. to-day.

Sunday 9th August, 1931 ١٩٣١ الأحد ٩ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.3	−1.1	−0.4	NW	2	0	25.7	−0.7	−0.6	34	—	21	—	70	0	0	57	101	3
	MATRUH	1009.3	0.0	−0.6	NNW	1	0	26.2	+0.8	+0.4	29	+1	21	0	85	+6	0	179	158	1
	ALEXANDRIA	1008.4	+1.0	−1.5	W	3	0	27.0	−0.1	+0.4	31	0	24	+1	77	+3	0	96	190	2
	PORT SAID	1007.8	−0.2	−0.4	W	1	0	28.6	+0.6	+0.9	34	+3	24	0	75	+3	0	62	82	1
	GAZA																			
	HAIFA	1002.0	−2.6	−4.2	SSE	2	0	31.0	−0.9	+1.7	37	+6	24	+2	66	−2	0	665	647	1
LOWER EGYPT	TANTA	1008.4	0.0	—	SSW	1	0	27.4	+0.2	—	35	—	21	—	66	—	0	35		
	EZBEKIYA	1008.6	−0.2	−0.9	NW	2	1	26.8	+0.7	+0.9	36	+1	23	+1	72	−3	0	17	34	
	GIZA	1008.3	−0.4	−1.5	NW	1	0	26.5	+0.3	—	36	+1	20	0	77	—	0	21	31	
	HELWAN	1009.0	+0.2	−0.3	NNW	2	2	24.9	0.0	−0.1	34	−1	22	+1	78	+11	0	19	35	
	SIWA	1010.8	0.0	0.0	—	0	0	26.5	+2.3	+0.3	39	+1	21	0	61	0	0	38	7	
RED SEA	SUEZ	1006.8	0.0	−1.9	N	2	0	26.0	−0.8	−0.4	37	+1	24	+1	88	+13	0	28	26	1
	TOR	1006.7	+0.5	+0.6	NW	4	0	29.1	−0.7	+0.4	36	+2	28	+4	85	+11	0	11	14	4
	HURGHADA	1007.0	+0.3		N	5	0	31.9	−0.1		36		25		63		0	0		3
	QOSSEIR	1006.8	0.0		NW	3	0	32.8	−1.7	—	35	—	27	—	51		0	15		3
UPPER EGYPT	[illegible]	1009.8	−0.1	+0.4	NW	1	0	27.7	+0.4	+0.2	36	−1	21	+1	66	+5	0	17		
	[illegible]	1007.8	−0.1		NNE	1	0	27.5	+0.5	+1.3	35	−1	20	−1	65	−2				
	[illegible]	1008.8	0.0	+0.3	W	2	0	28.0	−0.1	+0.4	37	0	24	+1	52	+1	0	7		
	[illegible]	1008.2	0.0		W	2	0	29.9	−1.1	−1.4	41	+1	25	+1	36	−6				
	KHARGA	1008.2	−0.4		—	0	0	30.9	+0.9		39		22		39		0	1		
	ASWAN	1008.2	−0.5	+0.8	—	0	0	32.3	+0.5	+0.2	41	0	27	+1	37	+4				
[illegible]	[illegible]	1007.0	0.0	−1.1	—	0	1	33.2	+3.2	+2.9	43	+3	26	+3	38	+9				
	WERWE																			
	ATBARA																			
	KHARTOUM	1010.7	−1.1	+1.4	SSW	1	3	27.8	+2.1	+0.2	36	−1	25	0	66	−1	0	62	83	
	[illegible]	1006.6	+0.7	+1.1	NW	2	3	35.1	−3.6	−1.1	43	+2	29	+1	40	−1	50	79	119	2
	KASSALA																			
	WAD MEDANI	1012.0	+0.1	+1.2	S	3	0	28.0	+2.0	+2.4	34	−1	23	+1	63	−6	0	214	222	
	SOUBAT																			
	EL FASHER																			
	EL OBEID																			
	MALAKAL	1012.8	−1.8	0.0	—	0	4	25.1	+1.1	+0.7	32	+1	23	+2	84	−1	0	357	594	
	WAU																			
	JUBA																			

Wind Forces Stations at noon at 9.00

Height in feet	Force in Knots	Direction
500	15	NNW
1000	20	NNW
2000	10	NNW
3000		
4000		

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yester day	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	78	+6	24.5	+1.9
Ezbekiya	57	−5	22.4	−0.5
Giza	60	−2	22.5	—
Helwan	58	+8	21.8	+1.6

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
9.8	3707	5779
8.8	3449	5662

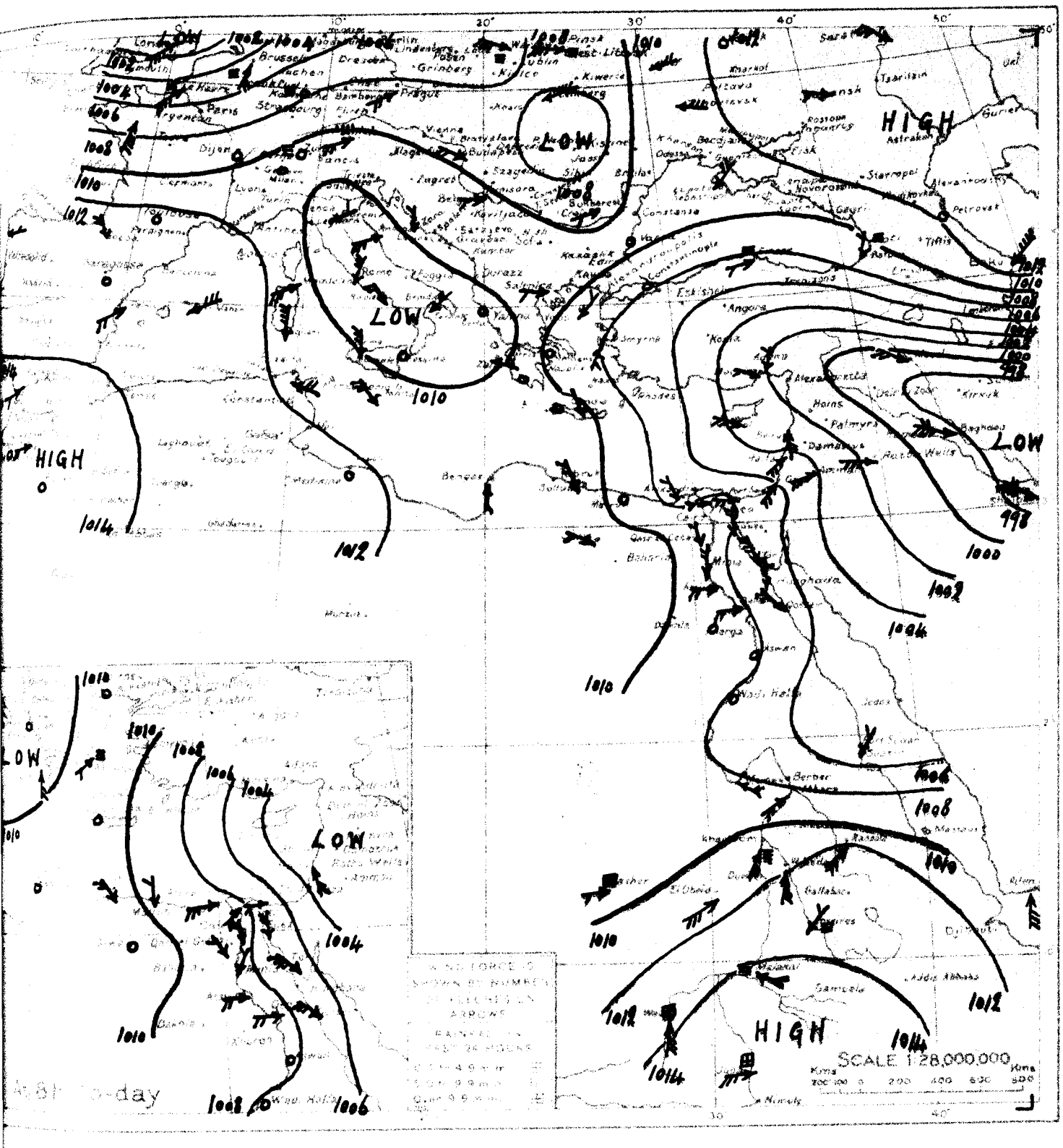
GAUGE	Date 1931	Reading m	Diff from normal m	Rise m	[illegible] m
Juba	8.8	14.59	+0.88	14.39	+0.69
Nasser	8.8	9.55	−0.10	9.54	−0.09
Malakal	9.8	11.52	−0.14	11.51	−0.14
Roseires	8.8	19.82	+0.98	19.09	+0.29
Sennar Res.	8.8	17.21	—	17.20	—
Makwar	8.8	11.02	−0.84	10.65	−1.17
Khartoum	9.8	14.57	−0.43	14.48	−0.47
Kh. el Girba	5.8	13.70	−0.14	13.20	−0.63
Atbara	9.8	14.03	−0.17	13.90	−0.22
Wadi Halfa	8.8	5.04	−0.94	4.89	−0.94
Aswan Res.	9.8	95.04	—	95.06	—
" D.S.	9.8	88.94	−1.16	88.71	−1.23
El Leithi	9.8	18.50	−1.32	18.20	−1.34
Roda (Cairo)	9.8	15.97	−0.61	15.85	−0.63

PRINTED AT THE SURVEY OF EGYPT 1929(30/656/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٨ - ٨ - ٣١. Barometer and Wind at 8 h. Yesterday 8.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨ - ٨ - ٣١. From Observations taken at 8 h yesterday 8.8.31.

		BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h	Change in past 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.1	-2.9	-5.9	NE	3	0	27	-2	—	35	—	21	—	50	—	—	—	728	—
	MALTA	1011.0	-0.6	-5.7	NW	3	4	32	0	—	40	+10	27	+5	40	—	0	338	429	0
	ATHENS	1009.4	-1.7	-3.2	—	0	0	28	-2	—	—	—	—	—	40	—	—		371	
	CANDIA	1010.8	-0.8	-1.1	NW	1	0	31	+2	—	31	+2	22	0	—	—	0	519	461	2
	LIMASSOL	1003.4	0.0	-4.1	WNW	2	0	29	+1		34	+1	19	-1	—	—	0	393	464	4
EGYPT and SUDAN	Merowe	1009.4	-1.4	+1.2	SE	2	0	31.0	+2.5	-0.6	39	-2	28	+1	37	-4	0	0	17	—
	Kassala	1012.3	-1.1	+0.6	SW	2	3	29.0	+3.0	+2.7	35	+2	25	+3	71	+1	0	126	183	—
	El Obeid	1011.4	-2.1	-0.6	SW	3	1	24.6	+2.8	-0.4	29	-4	20	-1	83	+7	0	167	182	—
	Wau	1013.0	-1.4	+1.5	S	3	4	23.0	0.0	-0.9	30	-2	20	0	88	+4	25	598	792	—
	Juba	1014.0	-2.4	—	W	3	2	22.5	+0.2	—	32	—	19	—	90	—	10	766	911	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 19 m

" " sunset 18 h 41 m

From Observations taken at 8 h. to-day.

Monday 10th August, 1931 ١٩٣١ الاثنين ١٠ اغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Sept.	Rainfall: Total last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.8	−0.5	−1.0	NW	1	0	27.9	+2.2	+1.7	33		23		75	+5	0	57	101	2
	MATRUH	1009.0	−0.3	−1.0	NNW	2	0	27.0	+0.8	+1.2	29	+1	23	+2	87	+8	0	179	158	2
	ALEXANDRIA	1007.9	−0.5	−2.1	WNW	3	1	27.1	+0.1	+0.5	30	−1	25	+2	89	+15	0	96	190	2
	PORT SAID	1007.0	−0.8	−1.2	W	2	1	28.2	−0.4	+0.5	34	+3	24	0	77	+5	0	62	82	1
	GAZA	—	—	—	—	0	0	26.8	−0.5	−1.0	32	+2	22	+2	70	−1	0	251	376	
	HAIFA	1005.0	+3.0	−1.2	WSW	2	0	31.1	+0.1	+1.8	36	+5	24	+2	65	−3	0	665	647	1
LOWER EGYPT	TANTA	1008.0	−0.4		SW	1	0	27.2	−0.2		36		21		75		0	35		
	EZBEKIYA	1007.9	−0.7	−1.7	W	1	0	26.9	+0.1	+1.0	37	+2	23	+1	70	−5	0	17	34	
	GIZA	1007.6	−0.7	−2.2	—	0	0	25.9	−0.6	—	37	+2	21	+1	79	—	0	21	31	
	BENI SUEF	1008.4	−0.6	−1.0	—	0	0	27.1	+1.2	+1.1	36	+1	23	+2	78	+11	0	19	35	
	SIWA	1010.8	0.0	0.0	W	1	0	28.5	+2.0	+2.3	40	+2	21	0	59	−2	0	38	7	
RED SEA	SUEZ	1006.6	−0.2	−2.2	N	2	0	27.2	+1.2	+0.8	36	0	24	+1	79	+4	0	28	26	1
	TOR	1006.7	0.0	+0.5	NW	1	0	29.6	+0.5	+0.9	38	+4	27	+3	74	0	0	11	14	1
	HURGHADA	1007.4	+0.4		NNW	5	0	31.0	−0.9		36		25		74		0	0		3
	QOSSEIR	1007.0	+0.2		N	2	0	33.5	+0.7		34		27		30		0	15		2
UPPER EGYPT	ASSIUT	1009.1	−0.7	−0.4	NW	1	0	27.5	−0.2	0.0	37	0	23	+3	67	+6	0	17		
	MINIA	1008.2	+0.4		S	1	0	25.7	−1.8	−0.5	36	0	20	−1	67	0				
	BENI SUEF	1008.8	0.0	+0.3	WNW	2	0	27.6	−0.4	0.0	37	0	23	0	44	−7	0	7		
	[illegible]	1007.8	−0.4		WSW	3	0	31.8	+1.9	+0.5	42	+2	25	+1	27	−15				
	[illegible]	1008.2	0.0		—	0	0	29.4	−1.5		40		20		32		0	1		
	[illegible]	1008.2	0.0	+0.8	—	0	0	31.8	−0.5	−0.3	42	+1	26	0	29	−4				
[illegible]	[illegible]	1007.5	+0.5	−0.7	S	2	0	31.6	−1.6	+1.3	44	+4	28	+5	48	+19				
	[illegible]	1009.3	+0.2	+1.1	SE	1	1	27.5	−5.0	−4.1	43	+2	24	−3	39	−11	—	0	18	
	[illegible]	1010.0	+1.3	+1.8	SE	2	2	28.0	−5.0	−2.7	39	−1	25	0	51	+11	4	7	46	
	[illegible]	1012.6	+1.9	+3.3	SW	3	3	24.8	−3.0	−2.8	37	0	24	−1	87	+20	drops	62	85	
	[illegible]	1008.8	+2.2	+3.2	SW	2	1	35.4	+0.3	−0.8	41	0	31	+3	36	−5	0	79	119	2
	[illegible]	1011.9	−0.1	+1.1	ESE	3	1	25.0	−3.0	−0.6	33	−2	22	0	80	+11	0	214	227	
	[illegible]	1012.0	+0.5	+0.1	NNE	1	3	22.0	−0.5	−1.6	26	−6	21	0	91	+10	39	486	475	
	[illegible]	1013.5	+0.7	+0.7	E	1	4	23.5	−1.6	−1.0	32	+1	22	+1	87	+2	trace	357	600	

General Situation

8.30

0000	10	W
1000	10	W
1500	10	W
2000	10	W
3000		

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Air Bulb Temperature Mean of Day: Yesterday	Air Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	80	+8	25.0	+2.4
Ezbekiya	56	−6	22.5	−0.4
Giza	58	−4	22.5	—
Helwan	52	+2	20.9	+0.6

NOTE. A dash means that figures are not available.

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by gauges m 3 per sec.

DATE	1931	1930
9.8	3707	5779
8.8	3449	5662

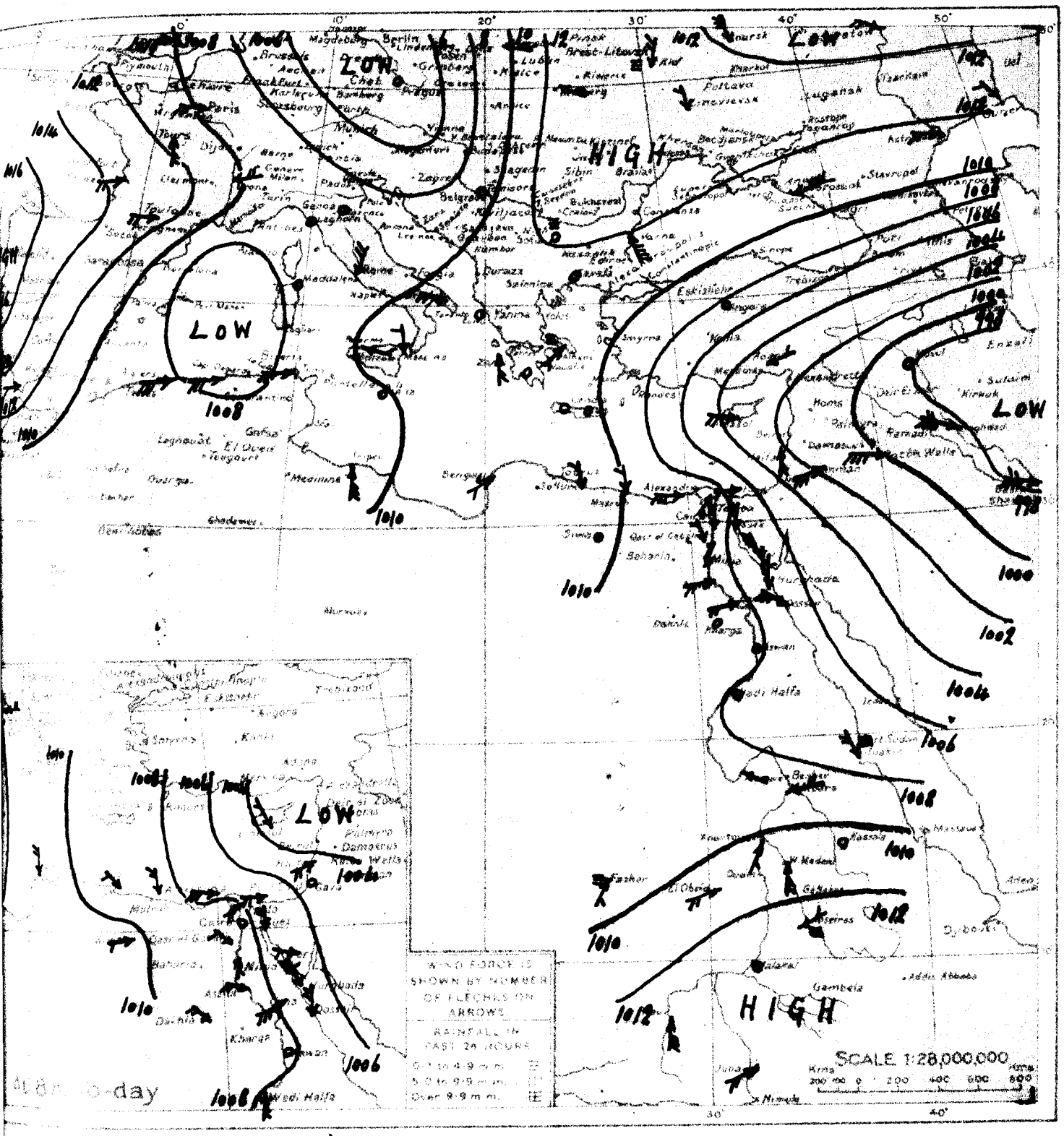
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	9.8	14.04	+0.32	14.59	+0.88
Nasser	9.8	9.56	−0.11	9.55	−0.10
Malakal	9.8	11.52	−0.14	11.51	−0.14
Roseires	10.8	18.60	−0.31	19.05	+0.18
Sennar Res.	9.8	17.20	—	17.21	—
Makwar	9.8	11.82	−0.07	11.02	−0.84
Khartoum	9.8	14.57	−0.43	14.43	−0.47
Kh. el Girba	5.8	13.70	−0.14	13.20	−0.64
Atbara	9.8	14.03	−0.17	13.90	−0.21
Wadi Halfa	8.8	5.04	−0.94	4.89	−0.94
Aswan Res.	9.8	95.04	—	95.06	—
" D.S.	9.8	88.94	−1.14	88.71	−1.23
El Leithi	10.8	18.80	−1.25	18.50	−1.32
Roda (Cairo)	10.8	16.00	−0.65	15.97	−0.61

PRINTED AT THE SURVEY OF EGYPT (1930/29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٩ - ٨ - ٣١ Barometer and Wind at 8 h. Yesterday 9.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٩ - ٨ - ٣١ From Observations taken at 8 h. yesterday. 9.8.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.9	+0.8	-5.1	NE	2	0	27	0	—	34	—	23	—	50	—	—	—	729	—
	MALTA	1009.8	-1.2	-6.9	—	0	0	32	0	—	39	+9	27	+5	50	—	0	338	429	0
	ATHENS	1010.0	+0.6	-2.6	SW	1	0	29	+1	—	—	—	22	+4	40	—	—	—	372	—
	CANDIA	1010.8	0.0	-1.1	—	0	0	30	-1	—	31	+2	22	0	—	—	0	519	461	1
	LIMASSOL	1003.2	-0.2	-4.3	WNW	2	0	31	+2		33	0	21	+1	—	—	0	393	464	3
EGYPT and SUDAN	Merowe	1009.1	-0.3	+0.9	SE	1	0	32.5	+1.5	+0.9	40	-1	27	0	41	0	0	0	18	—
	Atbara	1008.7	-0.8	+0.5	E	2	1	33.0	+2.0	+2.3	39	-1	28	+3	39	-1	0	3	45	—
	Kassala	1011.2	-0.7	-0.1	—	0	3	24.5	-4.5	-1.8	35	+2	24	+2	92	+22	0	126	187	—
	Rosaires	1011.5	-0.5	-0.4	ENE	1	4	22.5	-2.0	-1.1	33	+1	22	+1	87	+6	Trace	447	468	—
	El Fasher	1008.0	-0.6	—	SSW	1	3	23.0	-1.0	-1.2	33	0	22	+2	83	+12	drops	169	181	—
	El Obeid	1011.4	0.0	-0.6	WSW	2	1	27.0	+2.4	+2.0	31	-2	22	+1	69	-7	0	167	186	—
	Wau	1012.8	-0.2	+1.3	S	3	3	23.0	0.0	-0.9	30	-2	20	0	91	+7	0	548	800	—
	Juba	1013.3	-0.7	—	WSW	2	2	24.3	+1.8	—	31	—	19	—	83	—	0	766	914	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 09 30

" " sunset 18 40

From Observations taken at 8 h. to-day.

Tuesday 11th August, 1931 ١٩٣١ الثلاثاء ١١ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	SEA
								°C			°C		°C				m/m			
MEDITERRANEAN	SOLLUM	1010.6	+0.8	-0.2	NW	2	0	26.4	-1.5	+0.2	32		21		79	+9	0	57	101	3
	MATRUH	1009.4	+0.4	-0.6	NW	2	0	26.4	-0.6	+0.6	29	+1	22	+1	90	+11	0	179	158	2
	ALEXANDRIA	1008.3	+0.4	-1.8	W	1	3	27.0	-0.1	+0.4	31	0	24	+1	84	+10	0	96	190	1
	PORT SAID	1007.8	+0.8	-0.4	WNW	1	0	29.7	+1.5	+2.0	34	+3	24	0	69	-3	0	62	82	1
	GAZA	—	—	—	—	0	0	28.6	+1.8	+0.8	32	+2	22	+2	75	+4	0	251	376	
	HAIFA	1004.8	-0.2	-1.5	SSW	1	0	32.0	+0.9	+2.7	36	+5	22	0	67	-1	0	665	647	1
LOWER EGYPT	TANTA	1008.6	+0.6		W	1	0	27.4	+0.2		37		24		75		0	35		
	CAIRO EZBEKIYA	1008.2	+0.3	-1.4	NW	1	0	27.0	+0.1	+1.1	38	+3	23	+1	74	-1	0	17	34	
	GIZA	1008.3	+0.7	-1.5	N	2	0	26.3	+0.4	—	39	+4	23	+3	79	—	0	21	31	
	HELWAN	1008.0	-0.4	-1.5	NNW	2	0	26.5	-0.6	+0.5	37	+2	22	+1	77	+10	0	19	35	
	SIWA	1010.7	-0.1	-0.1	NNW	1	0	27.2	-1.3	+1.0	42	+4	23	+2	67	+6	0	38	7	
RED SEA	SUEZ	1006.6	0.0	-2.2	N	2	0	28.0	+0.8	+1.6	37	+1	25	+2	85	+10	0	28	26	2
	TOR	1007.1	+0.4	+0.9	—	0	0	29.2	-0.4	+0.5	36	+2	22	-2	69	-5	0	11	14	0
	HURGHADA	1007.0	-0.4		N	4	0	32.3	+1.3		37		23		62		0	0		2
	QOSSEIR	1007.0	0.0		SW	2	0	33.9	+0.4		35		27		48		0	15		2
UPPER EGYPT	GEBEL [illegible]	1009.4	+0.3	-0.2	NW	1	0	27.0	-0.5	-0.5	38	+1	21	+1	69	+8	0	17		
	MINIA	1007.8	-0.4		N	2	0	26.5	+0.8	+0.3	37	+1	23	+2	73	+6				
	ASSIUT	1008.4	-0.4	-0.1	WSW	2	0	30.1	+2.5	+2.5	38	+2	24	+1	39	-12	0	7		
	[illegible]	1008.0	+0.2		W	2	0	29.9	-1.9	-1.4	42	+2	24	0	33	-9				
	[illegible]	1007.5	-0.7		—	0	0	30.4	+1.0		40		21		31		0	1		
	ASWAN	1007.9	-0.3	+0.5	—	0	0	32.0	+0.2	-0.1	42	+1	25	-1	33	0				
SUDAN	[illegible]	1007.8	+0.3	-0.4	SSW	2	0	31.6	0.0	+1.3	44	+4	24	+1	51	+22				
	[illegible]	1010.3	+1.0	+2.0	NE	1	0	28.5	+1.0	-3.1	34	-7	24	-3	67	+26	0	0	19	
	[illegible]	1009.9	-0.1	+1.7	SW	2	0	30.0	+2.0	-0.7	35	-5	26	+1	47	+7	0	7	48	
	[illegible]	1012.4	-0.2	+3.1	S	4	3	25.9	+1.1	-1.6	33	-4	24	-1	75	+8	0	62	87	
	[illegible]	1008.8	0.0	+3.2	W	1	0	36.0	+0.6	-0.2	40	-1	29	+1	41	0	0	79	119	1
	[illegible]	1012.2	+0.3	+1.4	ESE	2	1	25.5	+0.5	-0.1	31	-4	21	-1	76	+7	1	215	231	
	[illegible]	1012.3	+0.3	+0.4	NNE	1	2	22.5	+0.5	-1.1	31	-1	21	0	87	+6	14	500	482	

TEMP. F C 120 110 100 90 80 70 60 50

PRESS. Mm. Mb

General Situation

Last Observations at 8 h. 8 45

	Force in Beaufort	Direction
500	5	NNW
1000	25	N
1500	20	N
2000	30	N
3000	10	NW

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
			°C	°C
Alexandria	88	+16	26.0	+3.4
Ezbekiya	56	-6	23.5	+0.5
Giza	61	-1	22.9	—
Helwan	53	+3	22.3	+2.0

NOTE. A dash means that figures are not available

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Remarks

Discharges at Aswan measured by Sarkis m³/s per sec.

DATE	1931	1930
11.8	4402	6087
10.8	3955	5865

GAUGE	Date	Reading	Diff from normal	Previous Reading	Diff from normal
	1931	m	m	m	m
Juba	10.8	13.96	+0.23	14.04	+0.32
Nasser	9.8	9.56	-0.11	9.55	-0.10
Malakal	10.8	11.53	-0.14	11.62	-0.14
Roseires	11.8	19.17	+0.22	18.60	-0.31
Sennar Res.	10.8	17.20	—	17.20	—
Makwar	10.8	11.40	-0.51	11.82	-0.07
Khartoum	11.8	15.00	-0.10	14.80	-0.25
Kh. el Girba	7.8	13.80	-0.10	13.60	-0.26
Atbara	10.8	14.26	-0.03	14.03	-0.17
Wadi Halfa	10.8	5.82	-0.45	5.40	-0.74
Aswan Res.	11.8	95.06	—	95.06	—
" D.S.	11.8	89.54	-0.91	89.15	-1.15
El Leithi	11.8	19.00	-1.25	18.80	-1.25
Roda (Cairo)	11.8	16.04	-0.72	16.00	-0.65

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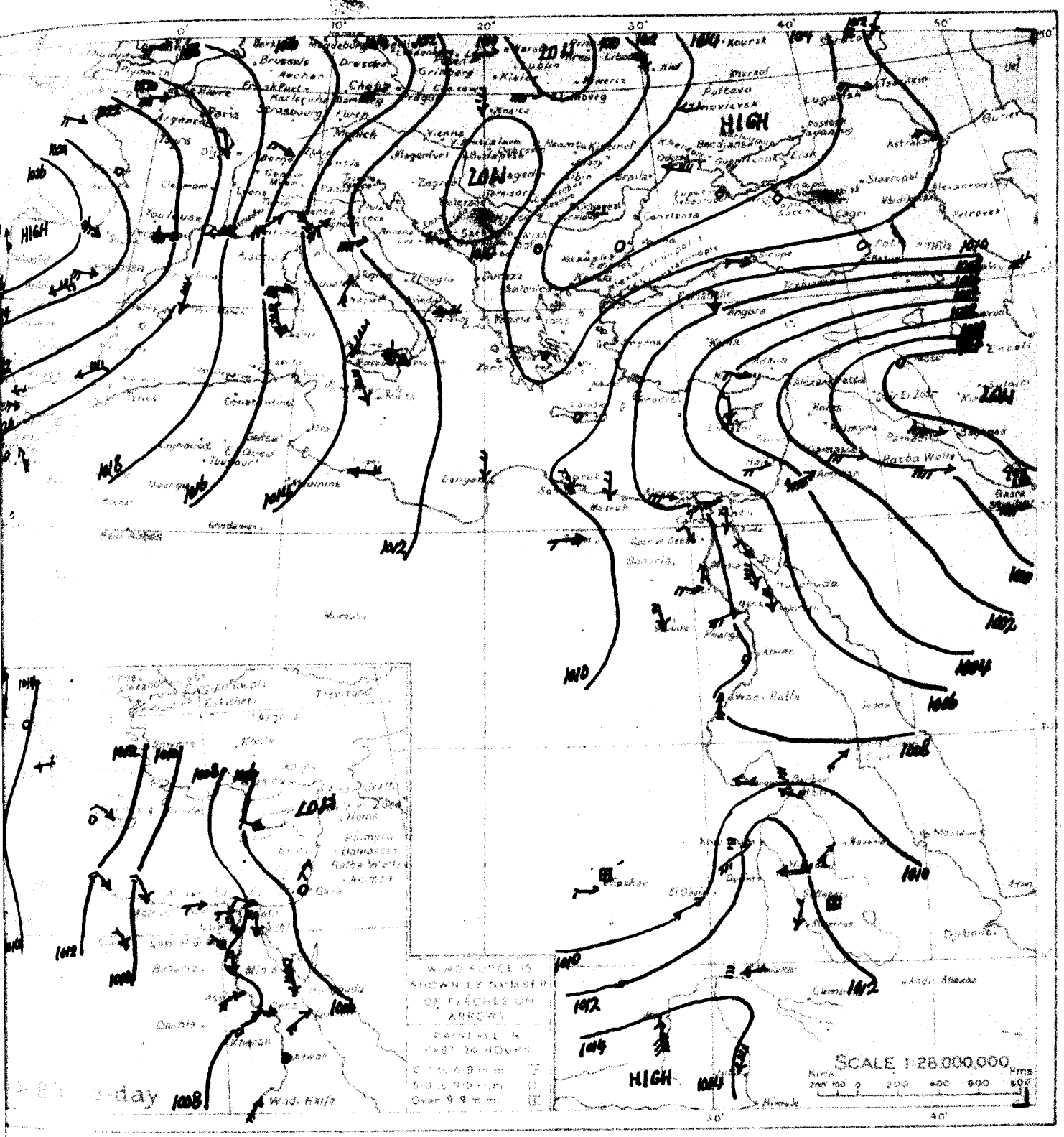
PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-١٠ Barometer and Wind at 8 h. Yesterday 10.8.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٨-١٠ From Observations taken at 8 h. yesterday 10.8.31.

	Station	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1st to yesterday	Rainfall Normal from Oct. 1st to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.6	+3.7	-1.4	SW	2	4	27	0	—	35	—	23	—	60	—	—	—	730	—
	MALTA	1013.0	+3.2	-3.7	NNW	4	2	27	-5	—	35	+5	25	+3	80	—	0	338	429	2
	ATHENS	1012.0	+2.0	-0.6	—	0	0	31	+2	—	—	—	—	—	30	—	—	—	372	—
	CANDIA	1011.9	+1.1	0.0	—	0	0	31	+1	—	33	+4	23	+1	—	—	0	519	461	2
	LIMASSOL	1003.4	+0.2	-4.1	NNW	1	0	31	0		34	+1	19	-1	—	—	0	393	464	1
EGYPT and SUDAN	Kassala كسلا	1011.6	0.0	-0.1	SW	2	4	26.0	+1.5	-0.3	33	0	23	+1	84	+14	0	126	191	—
	El Fasher الفاشر	1008.6	+0.6	—	W	1	1	25.0	+2.0	+0.8	33	0	20	0	68	-3	22	191	186	—
	El Obeid الأبيض	1010.0	-1.4	-2.0	SW	2	2	27.6	+0.6	+2.6	34	+1	23	+2	75	-1	0	167	190	—
	Khartoum الخرطوم	1014.3	+1.5	+2.8	S	7	4	23.0	0.0	-0.9	32	+1	20	0	83	-1	0	598	807	—
	Juba جوبا	1013.8	+0.5	—	NNE	3	3	24.5	+0.2	—	33	—	20	—	84	—	0	766	717	—

1417 F.C.

MINISTRY OF PUBLIC W(

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 21 m

" " sunset 18 h 39 m

From Observations taken at 8 h. to-day.

Wednesday 12th August 1931 ١٩٣١ الاربعاء ١٢ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff. from normal (Yesterday)	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1008.8	-1.8	-2.0	NW	3	0	26.9	+0.5	+0.7	35	—	22	—	68	-2	0	57	101	4
	MATRUH	1009.3	-0.1	-0.8	NNW	2	3	25.4	-1.0	-0.4	30	+2	21	0	90	+11	0	179	158	2
	ALEXANDRIA	1008.3	0.0	-1.8	W	1	3	27.3	+0.3	+0.6	31	0	24	+1	87	+13	0	96	190	1
	PORT SAID	1007.2	-0.6	-1.1	W	2	0	28.4	-1.3	+0.7	34	+3	25	+1	77	+5	0	62	82	2
	GAZA	—	—	—	S	1	0	29.7	+1.1	+1.9	35	+5	23	+3	76	+5	0	251	376	—
	HAIFA	1006.6	+1.8	+0.3	ENE	1	0	31.0	-1.0	+1.7	35	+4	26	+4	75	+7	0	665	647	3
LOWER EGYPT	TANTA	1008.3	-0.3	—	SW	1	4	26.5	-0.9	—	38	—	21	—	80		0	35	—	—
	CAIRO: EZBEKIYA	1008.0	-0.2	-1.7	N	1	0	25.2	-1.8	-0.7	38	+3	23	+1	84	+9	0	17	34	—
	CAIRO: GIZA	1007.6	-0.7	-2.3	NNW	2	0	25.7	-0.6	—	39	+4	22	+2	81	—	0	21	31	—
	CAIRO: HELWAN	1007.6	-0.4	-1.9	NW	3	0	25.2	-0.3	+0.2	38	+3	24	+3	76	+9	0	19	35	—
	SIWA	1010.2	-0.5	-0.7	NNW	1	0	26.8	-0.4	+0.6	42	+4	23	+2	70	+9	0	38	7	—
RED SEA	SUEZ	1006.3	-0.3	-2.6	N	2	0	28.5	+0.5	+2.2	39	+3	25	+2	81	+6	0	28	26	1
	TOR	1006.6	-0.5	+0.3	—	0	0	31.0	+1.8	+2.3	33	-1	24	0	65	-9	0	11	14	0
	HURGHADA	1006.8	-0.2	—	N	2	0	32.5	+0.2	—	36	—	23	—	48	—	0	0		1
	QOSSEIR	1007.0	0.0	—	N	4	0	31.4	-2.5	—	35	—	27	—	57		0	15	—	4
UPPER EGYPT	GEBALI	1008.6	-0.8	-1.0	NW	1	0	29.4	+2.4	+1.9	39	+2	22	+2	58	-3	0	17		
	MINYA	1007.2	-0.6	—	NNW	1	0	28.5	+2.0	+2.3	38	+2	22	+1	61	-6				
	ASYUT	1008.2	-0.2	-0.4	NNW	2	0	29.2	-0.9	+1.6	40	+4	24	+1	42	-9	0	7		
	QENA	1007.2	-0.8	—	W	1	0	30.5	+0.6	-0.8	43	+3	25	+1	41	-1				
	KHARGA	1007.1	-0.4	—	—	0	0	31.5	+1.1	—	42	—	22	—	30		0	1	—	
	ASWAN	1008.2	+0.3	+0.7	—	0	0	32.3	+0.3	+0.2	42	+1	27	+1	31	-2	—			
NORTH SUDAN	WADI HALFA	1007.2	-0.6	-1.1	SE	1	0	35.0	+3.4	+4.7	43	+3	27	+4	38	+9				
	MEROWE	1009.6	-0.7	+1.3	SE	3	0	30.5	+2.0	-1.1	39	-2	26	-1	55	+14	0	320	19	
	ATBARA	1009.4	-0.5	+1.2	SW	3	0	31.0	+1.0	+0.3	37	-3	27	+2	48	+8	0	7	49	
	KHARTOUM	1011.4	-1.0	+2.1	S	2	1	28.0	+2.1	+0.5	33	-4	25	0	67	0	0	62	89	
CENTRAL SUDAN	PORT SUDAN	1008.8	0.0	+3.2	SW	3	0	36.9	+0.9	+0.7	41	0	30	+2	35	-7	10	89	119	3
	KASSALA																			
	WAD MEDANI	1011.8	-0.4	+1.0	SSE	2	1	27.5	+2.0	+1.9	32	-3	22	0	67	-2	0	215	236	
	ROSEIRES	1012.7	+0.4	+0.8	NE	1	3	24.0	+1.5	+0.4	30	-2	22	+1	91	+10	0	500	489	
SOUTH SUDAN	EL FASHER																			
	EL OBEID	1011.5	0.0	-0.5	SW	2	3	26.8	+1.8	+1.8	33	0	22	+1	78	+2	6	173	197	
	MALAKAL	1013.8	-1.2	+1.0	ENE	1	4	24.2	-1.0	-0.3	31	0	22	+1	91	+6	2	362	612	
	WAU																			
	JUBA																			

Upper wind observations at Helwan at h 8 m 45

Height (metres)	Kms per hour	Direction
500	5	S
1000	15	N
1500	15	N
2000	10	N
3000	10	N

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

من منتصف الظهر من اليوم الى الظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	86	+15	26.0	+3.4
Ezbekiya	56	-6	23.5	+0.5
Giza	56	-6	23.2	—
Helwan	47	-4	21.3	+1.0

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
12.8	5024	6367
11.8	4402	6087

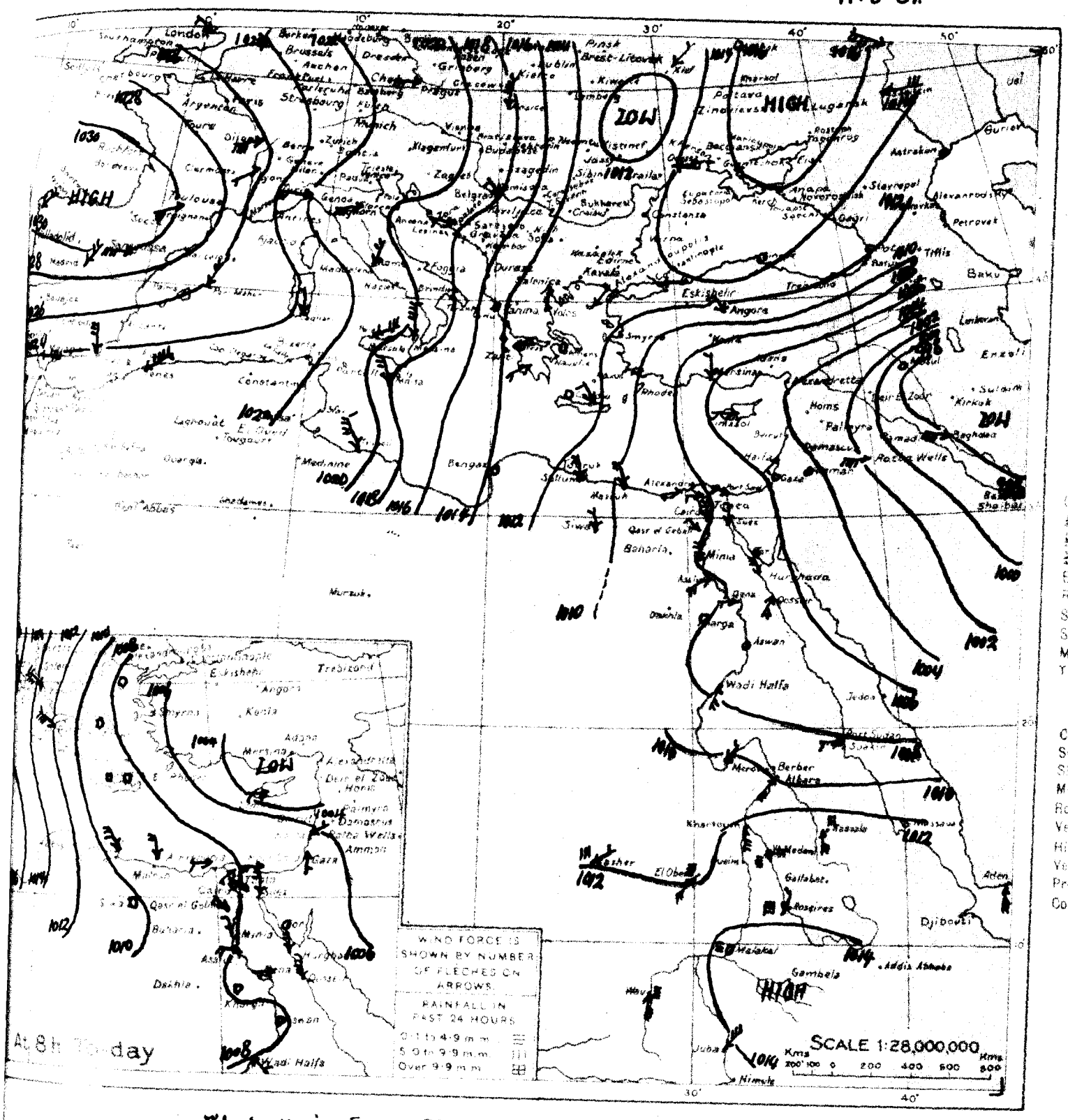
GAUGE	Date	Reading	Diff from normal	Previous: Reading	Previous: Diff from normal
	1931	m.	m.	m	m
Juba	11.8	13.88	+0.14	13.96	+0.23
Nasser	9.8	9.56	-0.11	9.55	-0.10
Malakal	11.8	11.55	-0.13	11.53	-0.14
Roseires	12.8	19.70	+0.72	19.17	+0.22
Sennar Res.	11.8	17.20	—	17.20	—
Makwar	11.8	11.16	-0.76	11.40	-0.51
Khartoum	12.8	15.02	-0.13	15.00	-0.10
Kh. el Girba	9.8	14.30	+0.28	13.80	-0.15
Atbara	10.8	14.26	-0.03	14.03	-0.17
Wadi Halfa	12.8	6.10	-0.40	5.97	-0.45
Aswan Res.	12.8	95.46	—	95.06	—
" D.S.	12.8	89.98	-0.62	89.54	-0.91
El Leithi	12.8	19.12	-1.36	19.00	-1.25
Roda (Cairo)	12.8	16.09	-0.81	16.04	-0.72

PRINTED AT THE SURVEY OF EGYPT 1929(29/539/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-١١ Barometer and Wind at 8 h. Yesterday 11.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٨-١١ From Observations taken at 8 h. yesterday. 11.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff. from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1022.0	+8.4	+7.0	NE	2	0	22	-5	—	30	—	17	—	40	—	—	—	731	—
	MALTA	1017.7	+4.7	+1.0	NNW	3	2	27	0	—	32	+2	25	+3	70	—	0	338	429	2
	ATHENS	1013.0	+1.0	+0.4	—	0	0	31	0	—	—	—	—	—	30	—	—	—	372	—
	CANDIA	1013.6	+1.7	+1.7	NW	1	0	32	+1	—	34	+5	25	+3	—	—	0	519	461	1
	LIMASSOL	1004.4	+1.0	-3.1	WNW	1	0	31	0		37	+4	18	-2	—	—	0	393	464	2
EGYPT and SUDAN	Kassala كسلا	1013.6	+2.0	+1.9	S	2	1	25.0	-1.0	-1.3	34	+1	22	0	92	+22	6	132	194	—
	El Kasher الخرطوم	1012.0	+3.4	—	ENE	1	4	22.5	-2.5	-1.7	34	+1	22	+2	78	+7	5	196	191	—
	El Obeid الابيض	1011.5	+1.5	-0.5	SW	2	4	25.0	-2.6	0.0	32	-1	21	0	84	+8	tr.	167	193	—
	Malakal ملكال	1015.0	+1.5	+2.2	—	0	3	25.2	+1.7	+0.7	31	0	22	+1	85	0	3	360	606	—
	Wau واو	1013.6	-0.7	+2.1	S	3	3	24.0	+1.0	+0.1	28	-3	21	+1	87	+3	1	519	814	—
	Juba جوبا	1013.9	+0.1	—	NE	3	3	22.7	-1.8	—	31	—	20	—	92	—	0	766	720	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 5 21

" " sunset 18 38

From Observations taken at 8h. to-day.

Thursday 13th August, 1931 ١٩٣١ الخميس ١٣ أغسطس

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct 1 to yesterday	Rainfall Normal from Oct 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.3	+0.5	-1.6	NNW	3	0	25.1	-1.8	-1.1	34	—	22	—	66	-5	0	57	101	5
	MATRUH	1008.3	-1.0	-1.9	NW	4	3	26.6	+1.2	+0.8	29	+1	25	+4	83	+4	0	179	158	3
	ALEXANDRIA	1007.1	-1.2	-3.1	W	3	2	27.0	-0.3	+0.3	32	+1	24	+1	84	+10	0	96	190	2
	PORT SAID	1006.7	-0.5	-1.6	WNW	1	0	29.0	+0.6	+1.3	36	+5	25	+1	71	-1	0	62	82	1
	GAZA	—	—	—	—	0	0	28.4	-1.3	+0.6	34	+4	22	+2	60	-11	0	251	376	
	HAIFA	1005.1	-1.5	-1.3	—	0	0	30.9	-0.1	+1.6	34	+3	26	+4	69	+1	0	665	647	1
LOWER EGYPT	TANTA	1007.8	-0.5		LSW	1	4	26.7	+0.2		39		21		79		0	35		
	EZBEKIYA	1007.2	-0.8	-2.6	WNW	1	0	27.6	+2.4	+1.7	39	+4	23	+1	54	-21	0	17	34	
	GIZA	1007.5	-0.1	-2.4	WNW	2	0	27.3	+1.6	—	40	+5	20	0	54	—	0	21	31	
	HELWAN	1007.4	-0.2	-2.2	NNW	2	0	27.0	+1.8	+2.0	38	+3	23	+2	64	-3	0	19	35	
	SIWA	1011.1	+0.9	+0.2	W	1	0	24.9	-1.9	-1.3	40	+2	24	+3	75	+14	0	38	7	
RED SEA	SUEZ	1005.8	-0.5	-3.1	N	2	0	28.4	-0.1	+2.1	39	+3	25	+2	82	+7	0	28	26	1
	TOR	1006.2	-0.4	-0.1	—	0	0	32.0	+1.0	+3.3	34	0	24	0	43	-31	0	11	14	0
	HURGHADA	1006.2	-0.6		N	2	0	31.8	-0.7		35		24		56		0	0		1
	QUSEIR	1004.7	-2.3		SE	2	0	33.2	+1.8		34		27		52		0	15		2
UPPER EGYPT	[illegible]	1008.6	0.0	-1.1	NW	1	0	30.0	+0.6	+2.5	39	+2	22	+2	38	-23	0	17		
	[illegible]	1006.2	-1.0		ESE	1	0	28.7	+0.2	+2.5	39	+3	22	+1	52	-16				
	[illegible]	1007.6	-0.6	-1.1	W	2	0	29.7	+0.5	+2.1	39	+3	25	+2	37	-14	0	7		
	[illegible]	1006.6	-0.6		NNW	1	0	30.3	-0.2	-1.0	44	+4	24	0	35	-8				
	[illegible]	1006.8	-0.3		—	0	0	31.3	-0.2		42		23		35		0	1		
	[illegible]	1007.0	-1.2	-0.5	—	0	0	34.8	+2.5	+2.8	43	+2	29	+3	42	+9				
	[illegible]	1007.1	-0.1	-1.2	—	0	3	34.0	-1.0	+3.7	43	+3	29	+6	50	+20				
	[illegible]	1011.4	0.0	+2.1	SW	1	2	29.9	+1.9	+2.4	36	-1	26	+1	55	-12	0	62	92	
	[illegible]	1009.0	+0.2	+3.3	SW	1	2	35.1	-1.8	-1.1	44	+3	29	+1	42	0	0	89	120	1
	[illegible]	1011.5	-0.3	+0.7	SSW	2	1	28.5	+1.0	+2.9	34	-1	23	+1	64	-5	0	215	241	
	[illegible]	1012.3	-0.4	+0.4	NNE	1	3	26.5	+2.5	+2.9	32	0	23	+2	73	-8	0	500	496	
	[illegible]	1009.0	+0.4		LSW	1	3	24.0	0.0	-0.2	32	-1	22	+2	79	+8	4	202	201	

General Situation

8 30

500	25	NW
1000	25	W
1500	30	NNW
2000	35	NNW
3000	35	NNW

Forecast for 24 hours from noon to day

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Air Bulb Temperature Mean of Day Yesterday	Air Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	88	+17	25.8	+3.3
Ezbekiya	58	-4	22.7	-0.3
Giza	54	-8	22.0	—
Helwan	47	-4	21.0	+0.7

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
12.8	5024	6367
11.8	4402	6087

GAUGE	Date	Reading	Diff from normal	Reading	
	1931	m	m	m	
Juba	12.8	13.98	+0.24	13.88	+0.14
Nasser	12.8	9.60	-0.13	9.59	-0.12
Malakal	12.8	11.58	-0.11	11.55	-0.13
Roseires	13.8	19.80	+0.76	19.70	+0.72
Sennar Res.	12.8	17.20	—	17.20	—
Makwar	12.8	11.14	-0.79	11.16	-0.76
Khartoum	13.8	14.96	-0.24	15.02	-0.13
Kh. el Girba	11.8	13.60	-0.55	13.60	-0.28
Atbara	12.8	14.50	+0.06	14.36	-0.01
Wadi Halfa	12.8	6.10	-0.40	5.97	-0.45
Aswan Res.	12.8	95.46	—	95.06	—
" D.S.	12.8	89.98	-0.62	89.54	-0.91
El Leithi	13.8	19.26	-1.36	19.12	-1.36
Roda (Cairo)	13.8	16.18	-0.82	16.09	-0.81

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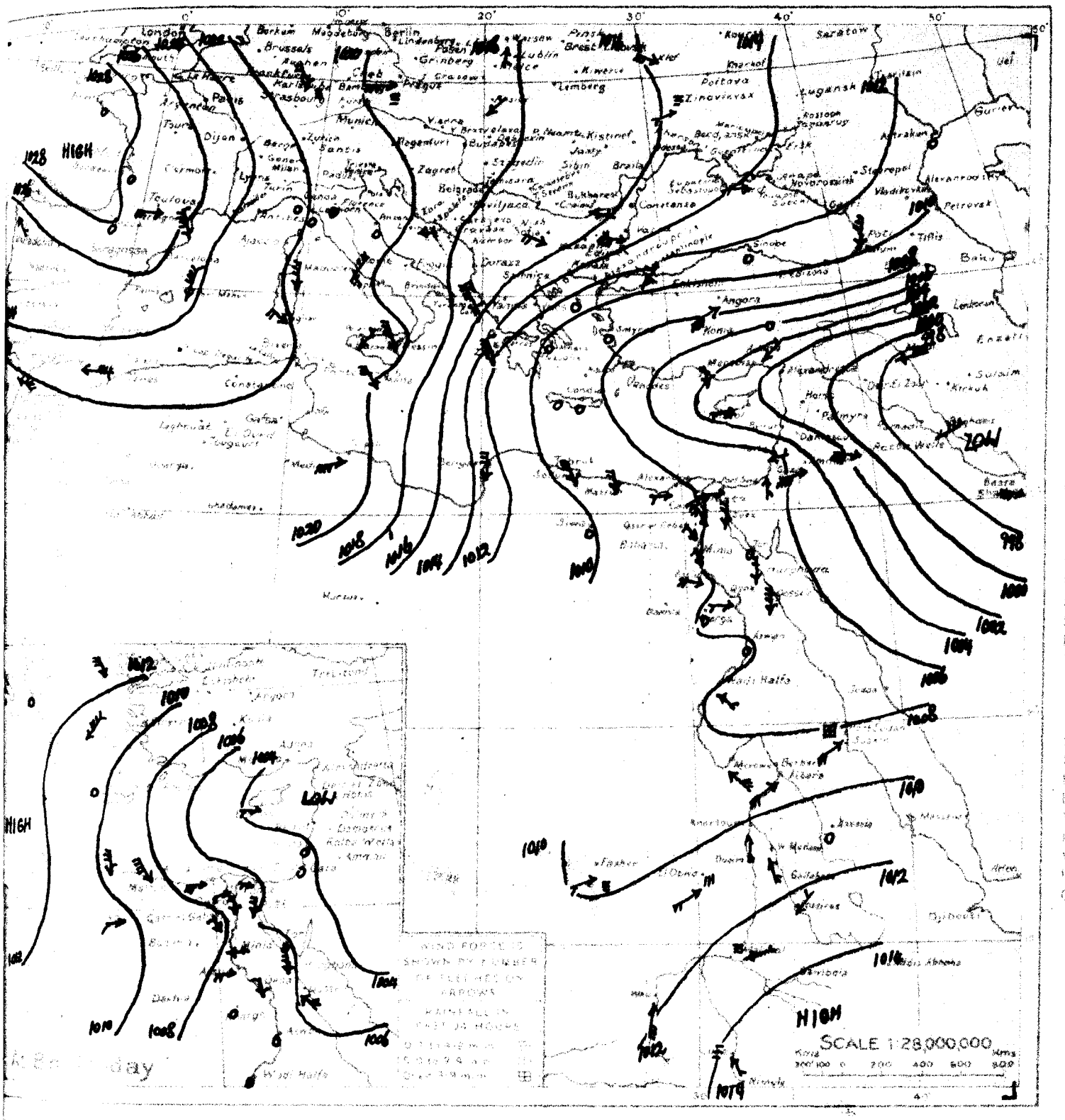
PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-١٢ Barometer and Wind at 8 h. Yesterday 12.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٨-١٢ From Observations taken at 8 h. yesterday 12.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Max. since yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1st to yesterday	Normal from Oct. 1st to yesterday	
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN		1020.0	-2.0	+5.0	NE	3	0	22	0	—	30	—	17	—	40	—	—	—	232	—
	[illegible]	1018.9	+1.2	+2.2	NNW	3	0	24	-3	—	29	-1	23	+1	60	—	0	338	429	2
	[illegible]	1008.4	-4.6	-4.2	—	0	0	32	+1	—	—	—	—	—	20	—	—		373	
	CARDIA	1009.5	-4.1	-2.4	—	0	0	32	0	—	34	+5	24	+2	—	—	0	519	461	1
	LUXASSOL	1003.6	-0.8	-4.0	W	1	0	31	0		37	+4	19	-1			0	593	464	0
EGYPT and SUDAN	Kassala	1011.6	-2.0	-0.1	—	0	0	27.0	+2.0	+0.7	34	+1	23	+1	77	+7	0	122	198	—
	El Fasher	1008.6	-3.4	—	NNW	1	3	24.0	+1.5	-0.2	27	-6	20	0	79	4[illegible]	2	198	196	—
	Wau	1011.9	-1.7	+0.4	S	3	3	25.0	+1.0	+1.1	31	0	22	+2	64	0	0	[illegible]	121	—
	Jaba	1014.4	+0.5	—	SE	1	3	22.3	-0.4	—	31	—	21	—	90	—	tr.	766	723	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 22

" " sunset 18 37

From Observations taken at 8 h. to-day.

Friday 14th August, 1931 ١٩٣١ الجمعة ١٤ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Normal from Oct. 1	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1009.3	0.0	-1.6	NNW	3	0	27.1	+2.0	+1.0	33	—	22	—	70	-1	0	57	101	4
	MATRUH	1009.0	+0.7	-1.2	NW	2	0	27.2	+0.6	+1.4	28	0	23	+2	86	+7	0	179	158	2
	ALEXANDRIA	1007.8	+0.7	-2.5	NW	4	0	27.4	+0.4	+0.7	30	-1	24	+1	74	+1	0	96	190	2
	PORT SAID	1006.3	-0.4	-2.1	WNW	3	1	28.5	-0.5	+0.8	37	+6	26	+2	74	+2	0	62	82	2
	GAZA	—	—	—	WSW	2	3	28.8	+0.4	+1.0	33	+3	22	+2	69	-2	0	251	376	
	HAIFA	1003.0	-2.1	-3.4	SSW	2	1	31.0	+0.1	+1.7	34	+3	26	+4	73	+5	0	665	647	2
LOWER EGYPT	TANTA	1007.4	-0.4		W	1	0	27.2	+0.5	—	38	—	22		75	—	0	35	—	
	EZBEKIYA	1007.5	+0.3	-2.3	N	1	2	26.8	-0.8	+0.9	38	+3	25	+3	74	-1	0	17	34	
	GIZA	1007.5	0.0	-2.4	N	1	1	26.7	-0.6	—	38	+4	24	+4	75	—	0	21	31	
	HELWAN	1007.6	+0.2	-2.1	N	3	1	25.6	-1.4	+0.6	38	+3	24	+3	75	+8	0	19	35	
	SIWA	1011.0	-0.1	+0.1	WNW	1	0	24.9	0.0	-1.3	38	0	23	+3	83	+22	0	38	7	
RED SEA	SUEZ	1004.0	-1.8	-5.0	N	2	0	27.5	-0.9	+1.2	40	+4	24	+1	77	+2	0	28	26	2
	TOR	1004.8	-1.4	-1.5	NW	4	0	30.0	-2.0	+1.3	36	+2	22	-2	78	+4	0	11	14	4
	HURGHADA	1005.1	-1.1		NNW	4	0	32.8	+1.0	—	37	—	24		43		0	0		2
	QOSSEIR	1004.4	-0.3		NW	5	0	33.4	+0.2	—	35	—	28	—	50	—	0	15		5
UPPER EGYPT	[illegible]	1008.8	+0.2	-1.0	NE	1	0	28.0	-2.0	+0.5	38	+1	23	+3	63	+2	0	17		
	[illegible]	1006.7	+0.5		N	2	0	27.2	-1.5	+1.1	39	+3	24	+3	75	+7				
	[illegible]	1008.3	+0.7	-0.5	WNW	2	0	29.0	-0.7	+1.4	40	+4	24	+1	47	-5	0	7		
	[illegible]	1005.3	-1.3		NW	2	0	31.4	+1.1	+0.1	43	+3	26	+2	28	-15				
	[illegible]	1005.6	-1.2		—	0	0	30.3	-1.0	—	41	—	21		31		0	1		
	[illegible]	1004.7	-2.3	-2.8	—	0	0	33.4	-1.4	+1.4	44	+3	27	+1	25	-8				
[illegible]	[illegible]	1004.8	-2.3	-3.5	—	0	0	31.4	-2.6	+1.1	43	+3	26	+3	53	+23				
	[illegible]	1007.1	-3.1	-1.2	SE	4	1	28.5	-3.5	-3.1	42	+1	25	-2	67	+26	—	320	21	
	[illegible]	1011.0	-0.8	+2.8	SW	2	1	27.0	0.0	-3.7	35	-5	24	-1	60	+20	5	55	52	
	[illegible]	1009.8	-1.6	+0.5	S	1	3	28.0	-1.9	+0.5	37	0	25	0	66	-1	dr.	62	94	
	[illegible]	1006.4	-2.6	+0.7	SE	2	0	34.7	-0.4	-1.5	43	+3	28	0	46	+4	0	89	120	2
	[illegible]	1009.9	-2.4	-1.8	SSW	4	[illegible]	26.0	-3.0	-0.3	33	0	23	+1	80	+10	0	132	206	
	[illegible]	1012.2	+0.7	+1.4	SSW	2	1	26.5	-2.0	+0.9	34	-1	22	+1	69	0	0	215	246	
	[illegible]	1011.4	-0.9	-0.5	NNE	1	3	23.5	-3.0	-0.1	31	-1	21	0	87	+6	0	500	503	
	[illegible]	1008.6	-0.4		SSW	1	3	25.0	+1.0	+0.8	34	+1	23	+3	76	+5	3	205	206	
	[illegible]	1010.4	-1.2	-1.6	WSW	2	1	25.0	-1.0	-0.1	34	+1	20	-1	85	+9	7	180	205	
	[illegible]	1015.4	+2.3	+2.7	SE	1	4	24.0	-2.2	-0.5	33	+2	21	0	86	+2	33	395	624	
	[illegible]	1013.4	+0.1	+1.9	SSW	3	4	22.3	-2.7	-1.7	29	-2	—	—	93	+9	54	653	835	
	[illegible]	1013.9	+0.8		SE	1	3	23.0	-0.9	—	32		20		84		0	766	729	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Air Bulb Temperature Mean of Day: Yesterday	Air Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	85	+14	25.7	+3.2
Ezbekiya	48	-14	23.2	+0.2
Giza	48	-14	22.7	—
Helwan	47	-4	22.2	+1.9

NOTE. A dash means that figures are not available.

Terms of Subscription Sy. Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
13.8	5314	6852
12.8	5024	6367

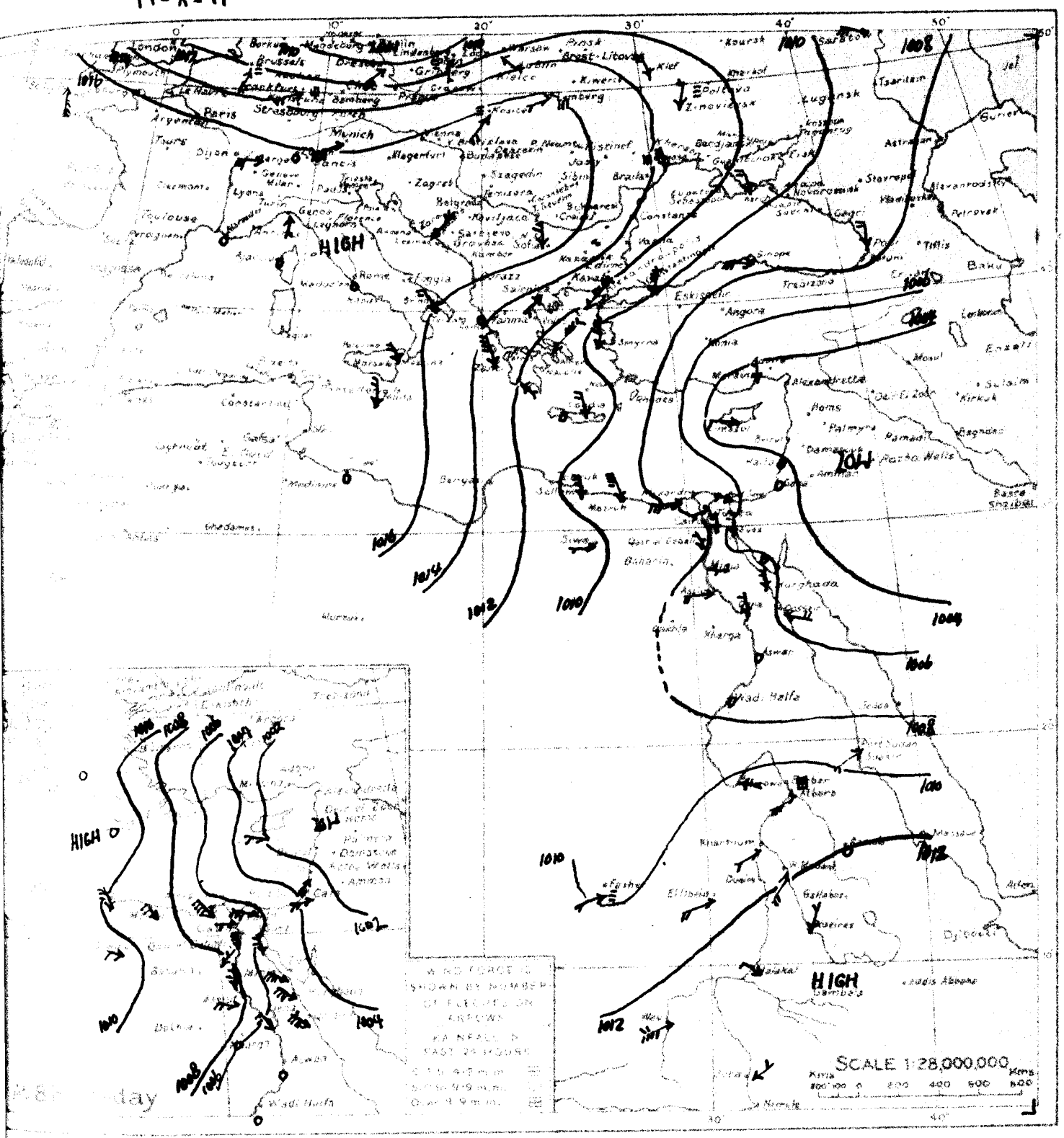
GAUGE	Date	Reading	Diff. from normal	Reading	
	1931	m	m	m	m
Juba	14.8	13.92	+0.17	13.97	+0.22
Nasser	13.8	9.62	-0.13	9.60	-0.13
Malakal	12.8	11.58	-0.11	11.55	-0.13
Roseires	13.8	19.80	+0.76	19.70	+0.72
Sennar Res.	14.8	17.20	—	17.21	—
Makwar	14.8	12.12	+0.15	11.75	-0.19
Khartoum	13.8	14.96	-0.24	15.02	-0.13
Kh. el Girba	12.8	13.80	-0.40	13.60	-0.55
Atbara	12.8	14.50	+0.06	14.36	-0.01
Wadi Halfa	12.8	6.10	-0.40	5.97	-0.45
Aswan Res.	13.8	95.69	—	95.46	—
" D.S.	13.8	90.21	-0.49	89.98	-0.62
El Leithu	13.8	19.26	-1.36	19.12	-1.36
Roda (Cairo)	13.8	16.18	-0.82	16.07	-0.8

PRINTED AT THE SURVEY OF EGYPT 1929(20/129/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

Barometer and Wind at 8 h Yesterday ٣١-٨-١٣ 13.8.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

From Observations taken at 8 h yesterday ٣١-٨-١٣ 13.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Max. yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1st to yesterday	Normal from Oct 1st to yesterday	
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m.	m.m.	
MEDITERRANEAN	[illegible]	1017.0	-3.0	+2.0	—	0	0	22	0	—	29	—	17	—	60	—	—	—	732	—
	ALEXANDRIA	1016.9	-2.0	+0.2	NNW	2	0	24	0	—	27	-3	22	0	70	—	0	338	429	2
	[illegible]NS	1011.6	+3.1	-0.9	NE	5	0	27	-5	—	—	—	—	—	50	—	—	—	373	—
	[illegible]NDIA	1010.2	+0.7	-1.7	NW	2	1	29	-3	—	34	+5	25	+3	—	—	0	619	461	2
	EL FASSOL	1003.0	-0.6	-4.6	WNW	1	0	30	-1		36	+3	18	-2	—	—	0	393	464	2
EGYPT AND SUDAN	Meroive مروى	1010.2	+0.6	+1.9	SE	1	1	32.0	+1.5	+0.4	39	-2	27	0	52	+11	0	320	20	—
	Atbara عطبره	1011.8	+2.4	+3.6	SW	3	1	27.0	-4.0	-3.7	38	-2	25	0	56	+16	43	50	50	—
	Kassala كسلا	1012.3	+0.7	+0.6	—	0	2	29.0	+2.0	+2.7	34	+1	25	+3	71	+1	0	132	202	—
	El Obeid الابيض	1011.6	+0.1	-0.4	WSW	2	2	26.0	-0.8	+0.9	34	+1	21	0	76	0	0	173	201	—
	Malakal ملكال	1013.1	-0.7	+0.4	NNW	1	2	26.2	+2.0	+1.7	33	+2	22	+1	76	-8	0	362	618	—
	Wau واو	1013.3	+1.4	+1.8	SW	6	3	25.0	0.0	+1.1	32	+1	23	+3	87	+3	0	599	828	—
	Juba جوبا	1013.1	-1.3	—	NE	1	3	23.9	+1.6	—	32	—	21	—	91	—	0	766	726	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 5h 22m

" " sunset 18h 36m

From Observations taken at 8h. to-day.

Saturday 15th August 1931 ١٩٣١ السبت ١٥ أغسطس

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Max. yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8h (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea
MED. TERRANEAN	SOLLUM	1010.6	+1.3	-0.4	NW	3	2	27.3	+0.2	+1.2	33	—	22	—	66	-5	0	57	101	4
	MATRUH	1010.0	+1.0	-0.3	NW	3	0	26.2	-1.0	+0.4	29	+1	23	+3	84	+5	0	179	158	3
	ALEXANDRIA	1009.0	+1.2	-1.4	WNW	4	1	27.6	+0.2	+0.9	31	0	24	+1	71	-2	0	96	190	3
	PORT SAID	1008.2	+1.9	-0.2	WSW	2	0	28.0	-0.5	+0.3	34	+3	24	0	67	-5	0	62	82	3
	GAZA	—	—	—	SSW	3	3	27.7	-1.1	-0.1	32	+2	22	+2	66	-5	0	251	376	—
	HAIFA	1004.6	+1.6	-1.9	SSW	1	0	30.9	-0.1	+1.6	33	+2	26	+4	69	+1	0	665	647	3
LOWER EGYPT	TANTA	1009.0	+1.6	—	WNW	1	0	26.4	-0.8	—	34	—	20	—	69	—	0	35		
	EZBEKIYA	1009.4	+1.9	-0.5	W	1	1	26.0	-0.8	+0.1	36	+1	22	+1	69	-6	0	17	34	
	GIZA	1009.3	+1.8	-0.7	NNW	1	1	26.0	-0.7	—	37	+3	18	-2	71	—	0	21	31	
	HELWAN	1009.9	+2.3	+0.1	—	0	0	25.1	-0.5	+0.1	35	0	21	0	66	-1	0	19	35	
	SIWA	1012.6	+1.6	+1.6	WNW	1	0	24.6	-0.3	-1.5	38	0	22	+2	78	+17	0	38	7	
RED SEA	SUEZ	1008.0	+4.0	-1.1	NW	2	1	27.0	-0.5	+0.7	38	+2	24	+1	76	+1	0	28	26	1
	TOR	1006.4	+1.6	0.0	NW	5	0	29.0	-1.0	+0.3	37	+3	22	-2	64	-10	0	11	14	5
	HURGHADA	1006.6	+1.5	—	NNW	5	0	30.2	-2.6	—	37	—	27	—	52		0	0		3
	QOSSEIR	1006.6	+2.2	—	NW	7	0	32.0	-1.4	—	36	—	28	—	50		0	15		7
UPPER EGYPT	WADI HALFA																			
	[illegible]	1008.7	+2.0	—	NNE	2	0	26.5	-0.7	+0.4	36	0	20	-1	59	-9				
	[illegible]	1010.0	+1.7	+1.1	N	3	0	26.3	-2.7	-1.3	38	+2	24	+1	56	+4	0	7		
	[illegible]	1007.1	+1.8	—	WSW	3	0	31.7	+0.3	+0.4	44	+4	27	+3	33	-10				
	[illegible]	1008.0	+2.4	—	N	1	0	29.9	-0.4	—	41	—	26		34		0	1		
	[illegible]	1006.2	+1.5	-1.3	—	0	0	32.5	-0.9	+0.6	44	+3	28	+2	27	-6	—			
	[illegible]	1006.7	+1.9	-1.7	—	0	0	31.6	+0.2	+1.4	43	+3	24	+1	32	+2				
	[illegible]	1009.8	0.0	+0.4	S	3	2	26.4	-1.6	-1.1	37	0	23	-2	79	+12	4	66	96	
	[illegible]	1007.9	+1.5	+2.1	SW	3	1	33.9	-0.8	-2.3	41	+1	30	+2	45	+3	2	91	120	3
	[illegible]	1009.6	-1.8	-2.3	—	0	2	24.0	+0.5	+0.4	32	0	21	0	83	+2	0	500	510	
	[illegible]	1011.6	-3.8	-1.1	—	0	3	26.9	+2.9	+2.4	31	0	23	+2	77	-7	0	395	630	

General Observations

9 00

General Situation

	Direction
15	NNW
20	N
30	NNW
25	N

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	74	+3	24.6	+2.1
Ezbekiya	61	-1	22.7	-0.3
Giza	61	-1	22.2	—
Helwan	57	+6	21.4	+1.1

NOTE. A dash means that figures are not available.

Terms of Subscription by Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
15.8	5840	7312
14.8	5535	7173

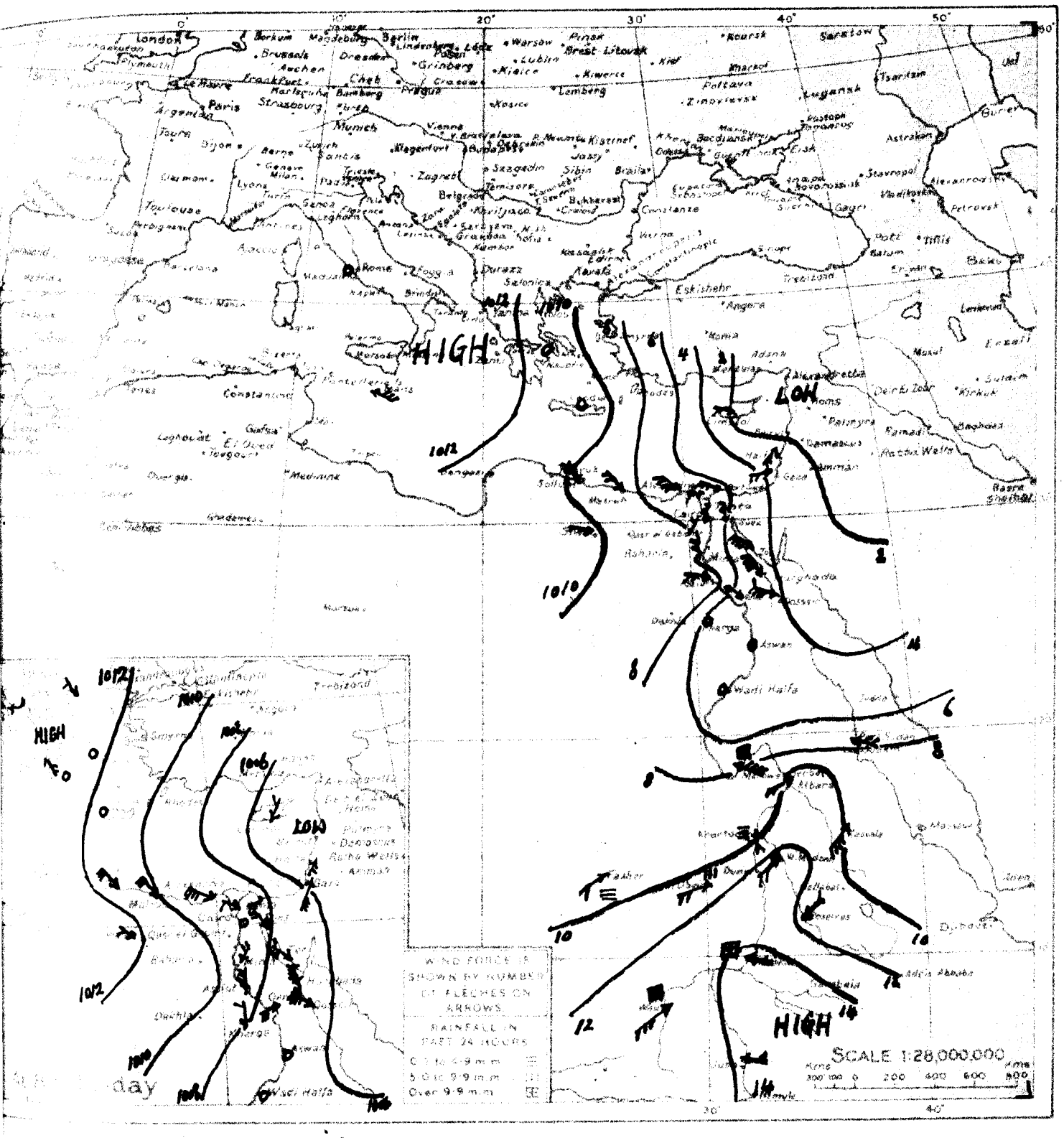
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Reading m.	Diff. from normal m.
Juba	14.8	13.92	+0.17	13.77	+0.22
Nasser	13.8	9.62	-0.13	9.60	-0.13
Malakal	12.8	11.58	-0.11	11.55	-0.13
Roseires	15.8	19.69	+0.57	19.38	+0.30
Sennar Res.	14.8	17.20	—	17.21	—
Makwar	14.8	12.12	+0.15	11.75	-0.19
Khartoum	13.8	14.96	-0.24	15.02	-0.13
Kh. el Girbd	12.8	13.80	-0.40	13.60	-0.55
Atbara	13.8	14.63	+0.11	14.50	+0.06
Wadi Halfa	12.8	6.10	-0.40	5.97	-0.45
Aswan Res.	15.8	96.22	—	95.93	—
" D.S.	15.8	90.62	-0.32	90.40	-0.43
El Leithi	15.8	19.75	-1.20	19.50	-1.25
Roda (Cairo)	15.8	16.38	-0.89	16.31	-0.82

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ٨ - ١٤ Barometer and Wind at 8 h. Yesterday 14. 8. 31.



WIND VELOCITY

	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	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ - ٨ - ١٤ From Observations taken at 8 h. yesterday 14. 8. 31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff from normal	Max. during yesterday	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.3	-3.7	-1.7	—	0	0	22	0	—	28	—	17	—	80	—	—	—	733	—
	MALTA	1012.1	-4.8	-4.6	SSE	3	2	26	+2	—	28	-2	21	-1	50	—	0	338	429	1
	ATHENS	1010.7	-0.8	-1.7	—	0	0	26	-1	—	—	—	—	—	40	—	—	—	373	—
	CANDIA	1011.1	+0.9	-0.8	—	0	0	29	0	—	31	+2	24	+2	—	—	0	519	461	2
	LIMASSOL	1001.6	-1.4	-6.0	WNW	1	0	29	-1		35	+2	20	0	—	—	0	393	464	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 5h 23m

" " sunset 18h 34m

From Observations taken at 8h. to-day.

Monday 17th August, 1931 ١٩٣١ الاثنين ١٧ أغسطس

	STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff from normal (mb)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff from normal (°C)	Max. yesterday (°C)	Diff from normal (°C)	Minimum (°C)	Diff from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total since 1st January (mm)	Rainfall: Normal total to 1st January (mm)	Sea
MEDITERRANEAN	SOLLUM	1010.0	-1.4	-1.1	NNW	3	0	25.1	-2.0	-1.0	33	—	21	—	81	+10	0	57	101	5
	MATRUH	1011.0	-0.9	+0.5	NNW	2	0	25.2	-1.2	-0.6	29	+1	21	0	88	+9	0	179	158	2
	ALEXANDRIA	1009.8	-1.2	-0.8	WNW	1	0	27.5	+1.1	+0.8	32	+1	24	+1	77	+4	0	96	190	1
	PORT SAID	1008.6	-1.7	+0.1	W	2	0	29.3	+0.8	+1.6	33	+2	24	0	75	+3	0	62	82	1
	GAZA	—	—	—	—	0	1	28.9	+0.7	+1.1	32	+2	23	+3	69	-2	0	251	376	
	JAFFA	1005.6	—	-1.0	SSW	1	1	31.7	+0.5	+2.4	34	+3	26	+4	72	+4	0	665	648	1
LOWER EGYPT	TANTA	1009.5	-1.1		W	1	1	26.4	+0.7	—	37		22		83		0	35		
	EZBEKIYA	1009.4	-1.0	-0.6	NW	1	4	24.9	-1.0	-1.0	36	+1	23	+2	88	+13	0	17	34	
	GIZA	1009.5	-0.8	-0.6	NNW	2	4	24.3	-1.1	—	36	+2	21	+1	94	—	0	21	31	
	HELWAN	1008.6	-2.1	-1.4	NW	3	0	25.2	+0.8	+0.2	38	+3	22	+1	81	+14	0	19	35	
	SIWA	1012.4	-1.2	+1.4	—	0	0	24.1	+0.8	-2.0	38	+1	21	+1	81	+20	0	38	7	
RED SEA	SUEZ	1007.8	-1.5	-1.4	N	2	0	27.0	+1.0	+0.7	37	+1	23	0	78	+3	0	28	26	3
	TOR	1006.4	-1.5	-0.1	NW	1	0	30.0	+0.5	+1.3	34	0	24	0	71	-3	0	11	14	1
	HURGHADA	1006.8	-1.8		NNW	5	0	31.3	+1.0	—	35		24		48		0	0		2
	QOSSEIR	1006.6	-1.3		N	3	0	33.2	+1.2	—	35		28		38		0	15		2
UPPER EGYPT	GIRGA	1010.3	-1.3	+0.2	NW	2	0	28.0	+2.2	+0.8	37	0	23	+3	63	+2	0	17		
	MINIA	—	—		NNE	2	0	27.5	+2.5	+1.4	35	-1	23	+2	63	-5				
	ASSIUT	1008.7	-1.5	-0.3	WNW	2	0	28.0	+1.5	+0.5	37	+1	24	+1	48	-5	0	7		
	QENA	1007.2	-1.2		WNW	2	0	30.9	+1.6	-0.4	42	+3	27	+3	33	-11				
	KHANEG	1007.5	-0.1		—	0	0	30.0	+0.1		39		22		36		0	1		
	ASWAN	1006.8	-0.4	-0.8	—	0	0	33.6	+1.9	+1.8	44		28	+2	30	-3	—	—		
SUDAN	WADI HALFA	1007.6	-0.6	-0.9	—	0	0	30.4	-0.6	+0.2	42	+2	26	+3	29	-1				
	MERAWE																			
	FERKA																			
	KHARTOUM	1011.0	+0.8	+1.6	W	1	2	25.1	-3.0	-2.4	34	-3	22	-3	87	+20	38	104	101	
	EL FASHER	1008.8	0.0	+2.9	NW	1	0	35.8	+0.1	-0.3	39	-1	31	+3	41	-1	0	91	120	1
	ABU HAMED	1012.7	+0.1	+2.0	S	3	1	26.0	+1.5	+0.3	32	-3	22	+1	73	+4	0	220	260	
	SENNAR	1010.4	-1.5	-1.4	NNE	1	3	23.5	+2.0	-0.1	28	-4	21	0	87	+6	6	547	524	
	KASSALA																			
	ATBARA																			
	KORA																			
	JUBA																			

TEMP. F C

PRESS. Mm. Mb

General Station

Upper Air Observation

Time of Observation 8h 45m

Height in Feet	Speed in Knots	Direction
500	30	NNE
1000	20	NE
1500	30	ENE
2000	20	NE
3000	5	WNW

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	85	+14	25.4	+2.9
Ezbekiya	58	-4	23.3	+0.4
Giza	60	-3	23.1	—
Helwan	55	+3	21.8	+1.5

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
16.8	6191	7415
15.8	5840	7312

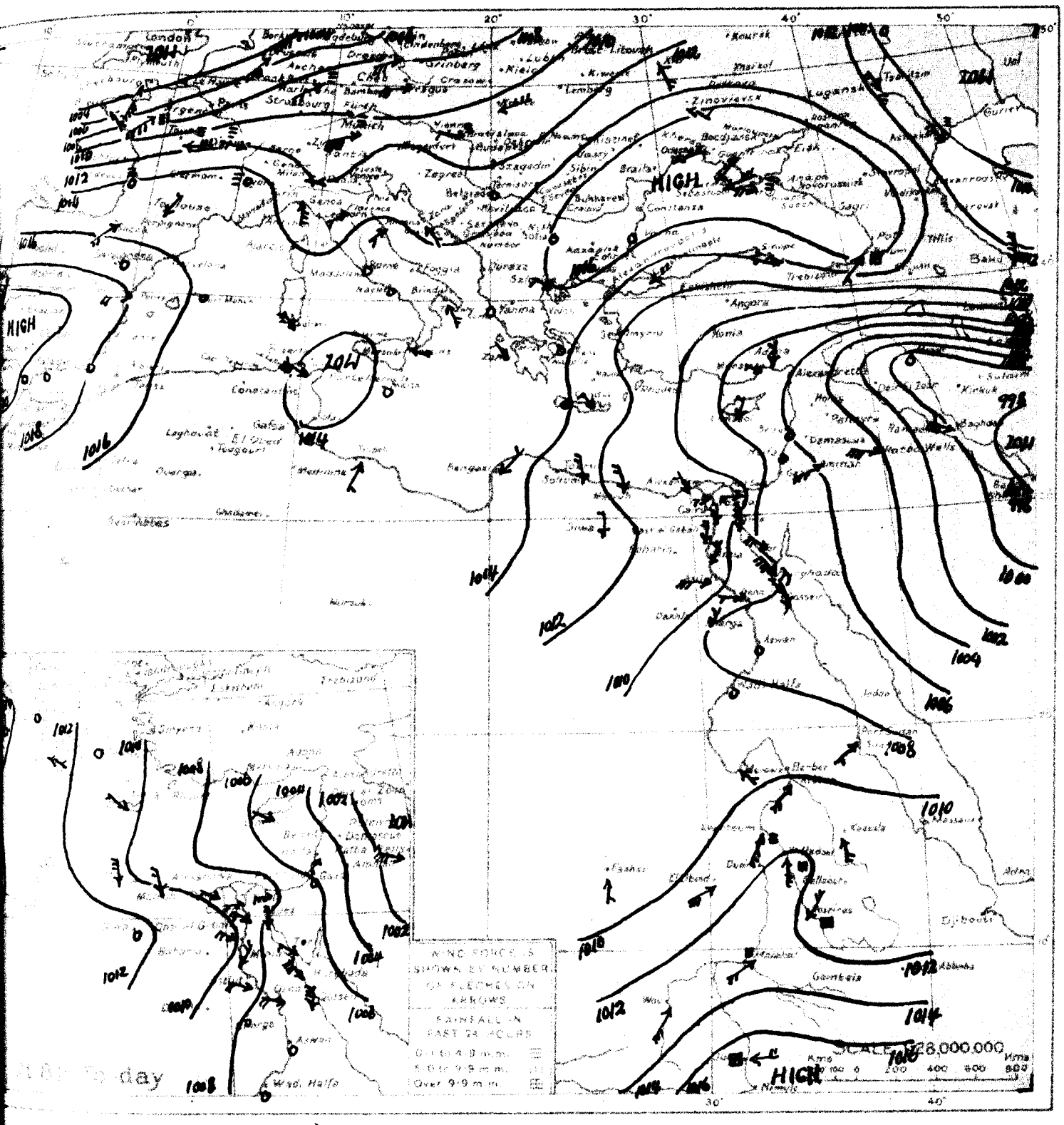
GAUGE	Date	Reading	Diff from normal	Rise or Fall since previous day: Reading	Rise or Fall since previous day: Diff from normal
	1931	m	m	m	m
Juba	16.8	13.93	+0.18	13.93	+0.18
Nasser	16.8	9.63	-0.15	9.63	-0.14
Malakal	16.8	11.63	-0.12	11.61	-0.13
Roseires	17.8	19.67	+0.47	19.17	+0.01
Sennar Res.	16.8	17.20	—	17.19	—
Makwar	16.8	11.80	-0.24	11.85	-0.15
Khartoum	16.8	15.28	-0.04	15.22	-0.07
Kn. el Girba	15.8	13.70	-0.65	13.90	-0.40
Atbara	16.8	14.88	+0.18	14.75	+0.10
Wadi Halfa	16.8	6.74	-0.01	6.73	-0.12
Aswan Res.	16.8	96.54		96.22	—
" D.S.	16.8	90.87	-0.18	90.62	-0.32
El Leithi	17.8	20.35	-0.90	20.05	-1.05
Roda (Cairo)	17.8	16.72	0.78	16.54	-0.86

PRINTED AT THE SURVEY OF EGYPT (83m(25/5/31)) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-١٦ Barometer and Wind at 8 h. Yesterday 16.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٨-١٦ From Observations taken at 8 h. yesterday. 16.8.31.

	Stations	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m	m.m.	
MEDITERRANEAN	ROME	1014.3	+0.7	-0.7	—	0	1	27	+4	—	32	—	19	—	40	—	—	—	735	—
	MALTA	1015.2	+2.8	-1.5	—	0	1	27	0	—	32	+2	25	+3	90	—	0	338	429	0
	ATHENS	1014.0	+1.4	+1.4	—	0	0	28	+2	—	—	—	—	—	40	—	—	—	374	—
	CANDIA	1013.6	+0.9	+1.6	NW	1	0	—	—	—	32	+3	21	-1	—	—	0	519	461	1
	LIMASSOL	1007.5	+2.7	-0.3	NNE	1	0	29	0		33	0	21	+1	—	—	0	393	464	2
EGYPT and SUDAN	Kharga الخارجة	1007.6	-0.4	—	NNE	1	0	29.9	0.0	—	38	—	22	—	42	—	0	1	—	—
	Merowe مروى	1009.0	+1.0	+0.6	SE	1	4	28.0	-1.0	-3.6	40	-1	26	0	67	+26	0	470	22	—
	Atbara عطبرة	1011.8	—	+3.6	SW	2	0	26.5	+1.5	-4.2	83	-7	24	-1	53	+13	0	68	54	—
	Kassala كسلا	1011.4	+0.8	-0.3	S	2	3	25.0	0.0	-1.3	32	-1	23	+1	84	+15	0	138	214	—
	El Fasher الفاشر	1008.3	+1.1	—	SSE	1	2	26.5	+2.0	+2.3	36	+3	22	+2	69	-2	0	206	216	—
	El Obeid الابيض	1011.1	+0.8	-0.8	WSW	3	4	25.0	-1.5	-0.1	33	0	22	+1	84	+8	0	180	212	—
	Wau واو	1012.6	+1.4	+1.1	SSW	3	0	25.0	+2.0	+1.0	26	-6	21	+1	80	-4	0	653	849	—
	Juba جوبا	1016.4	+4.1	—	E	2	4	21.2	-4.2	—	34	—	20	—	94	—	13	779	706	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 24m

" " sunset 18h 33m

From Observations taken at 8 h. to-day.

Tuesday 18th August, 1931 ١٩٣١ الثلاثاء ١٨ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total to date (Jan. 1st)	Rainfall: Total to date (Jan. 1st last year)	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1006.8	-3.2	-4.4	NW	4	0	27.1	+2.0	+1.1	34	—	24	—	78	+7	0	57	101	5
	MATRUH	1006.8	-4.2	-3.8	—	0	1	25.8	+0.6	0.0	29	+1	20	-1	82	+3	0	179	158	1
	ALEXANDRIA	1006.0	-3.8	-4.7	W	3	3	26.4	-1.1	-0.3	31	0	24	+1	87	+15	0	96	190	2
	PORT SAID	1005.1	-3.5	-3.5	W	2	0	27.5	-1.8	-0.2	35	+4	24	0	75	+3	0	62	82	2
	GAZA	—	—	—	S	1	0	28.2	-0.7	+0.4	33	+3	22	+2	63	-8	0	251	376	
	HAIFA	1002.4	-3.2	-4.3	—	0	1	29.9	-1.8	+0.6	34	+3	26	+4	70	+2	0	665	648	1
LOWER EGYPT	TANTA	1006.4	-3.1	—	SW	1	4	24.2	-2.2	—	37	—	20	—	89	—	0	35	—	—
	EZBEKIYA	1006.0	-3.4	-4.1	W	1	0	25.9	+1.0	+0.1	38	+3	22	+1	73	-2	0	17	84	—
	GIZA	1006.0	-3.5	-4.2	WNW	1	0	25.5	+1.2	—	38	+4	17	-2	74	—	0	21	81	—
	HELWAN	1005.9	-2.7	-4.1	NNW	2	0	24.6	-0.6	-0.4	37	+2	21	0	68	+1	0	19	85	—
	SIWA	1009.0	-3.4	-2.1	—	0	0	24.9	+0.8	-1.2	39	+2	21	+1	68	+7	0	38	7	—
RED SEA	SUEZ	1004.7	-3.1	-4.6	N	2	0	27.0	0.0	+0.8	37	+1	23	0	66	-9	0	28	26	1
	TOR	1004.4	-2.0	-2.1	—	0	0	29.2	-0.8	-0.5	40	+6	23	-1	76	+2	0	11	14	0
	HURGHADA	1004.2	-2.6	—	NNW	6	0	31.8	+0.5	—	36	—	23	—	41	—	0	0	—	3
	QOSSEIR	1004.2	-2.4	—	NNW	3	0	33.0	-0.2	—	35	—	28	—	50	—	0	15	—	3
UPPER EGYPT	GERGA	1007.6	-2.7	-2.7	NW	1	0	27.5	-0.5	+0.3	38	+1	21	+1	50	-11	0	17		
	MINIA	1005.5	—	—	N	1	0	27.0	-0.5	+0.9	37	+1	21	0	63	-6				
	ASSIUT	1006.3	-2.4	-2.7	WNW	2	0	29.2	+1.2	+1.7	40	+4	24	+1	51	-3	0	7		
	SIUT	1004.7	-2.5	—	NW	2	0	30.4	-0.5	-0.9	44	+5	26	+2	41	-4				
	KHARGA	1005.8	-1.7	—	—	0	0	30.9	+0.9	—	41	—	23	—	37	—	0	1		
	ASWAN	1004.4	-2.4	-3.2	—	0	0	33.0	-0.6	+1.2	42	+1	28	+3	33	0				
	WADI HALFA	1005.5	-2.1	-3.0	—	0	0	30.0	-0.4	-0.1	42	+2	24	+1	25	-5				
	KORDOFAN																			
	ATBARA																			
	[illegible]	1009.4	-1.6	0.0	SSW	2	1	26.6	+1.5	-0.9	34	-3	24	-1	80	+13	dr.	104	103	
	[illegible]	1005.0	-3.8	-1.0	SW	3	3	36.7	+0.9	+0.6	41	+1	33	+5	37	-5	0	91	120	3
	[illegible]	1011.2	-1.5	+0.5	S	2	1	27.0	+1.0	+1.3	33	-2	21	0	69	0	23	243	265	
	[illegible]	1008.8	-1.6	-3.0	NNE	1	2	26.0	+2.5	+2.4	32	0	23	+2	84	+3	0	547	531	
	[illegible]	1009.1	-2.4	-2.8	SW	2	1	27.5	+3.2	+2.3	33	0	21	0	80	+4	1	184	220	
	[illegible]	1011.1	-2.5	-1.6	ESE	1	2	26.8	+2.8	+2.2	28	-3	22	+1	79	-5	tr.	405	649	

TEMP F. C. 120 110 100 90 80 70 60 50 40 30 20 10 0

PRESS. Mm M.

Observations

8 45

500	10	NW
1000	10	W
1500	20	WNW
2000	25	NNW
3000	15	W

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Air Born Temperature Mean of Day: Yesterday	Air Born Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	75	+4	24.7	+2.2
Ezbekiya	66	+4	23.5	+0.6
Giza	68	+5	23.0	—
Helwan	58	+6	22.0	+1.8

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
18.8	6941	7258
17.8	6597	7391

GAUGE	Date 1931	Reading m.	Diff from normal m.	Reading m.	Diff from normal m.
Juba	17.8	14.50	+0.75	13.93	+0.18
Nasser	17.8	9.65	-0.14	9.63	-0.15
Malakal	17.8	11.64	-0.12	11.63	-0.12
Roseires	18.8	19.32	+0.13	19.67	+0.49
Sennar Res.	17.8	17.20	—	17.20	—
Makwar	17.8	11.60	-0.49	11.80	-0.24
Khartoum	18.8	15.34	-0.07	15.34	-0.03
Kh. el Girba	17.8	13.70	-0.70	13.70	-0.68
Atbara	18.8	14.98	+0.18	15.04	+0.29
Wadi Halfa	18.8	7.16	+0.02	7.05	0.00
Aswan Res.	18.8	97.20	—	96.91	—
" D.S.	18.8	91.32	+0.11	91.12	-0.02
El Leithi	18.8	20.70	-0.72	20.35	-0.90
Roda (Cairo)	18.8	16.96	-0.66	16.72	-0.78

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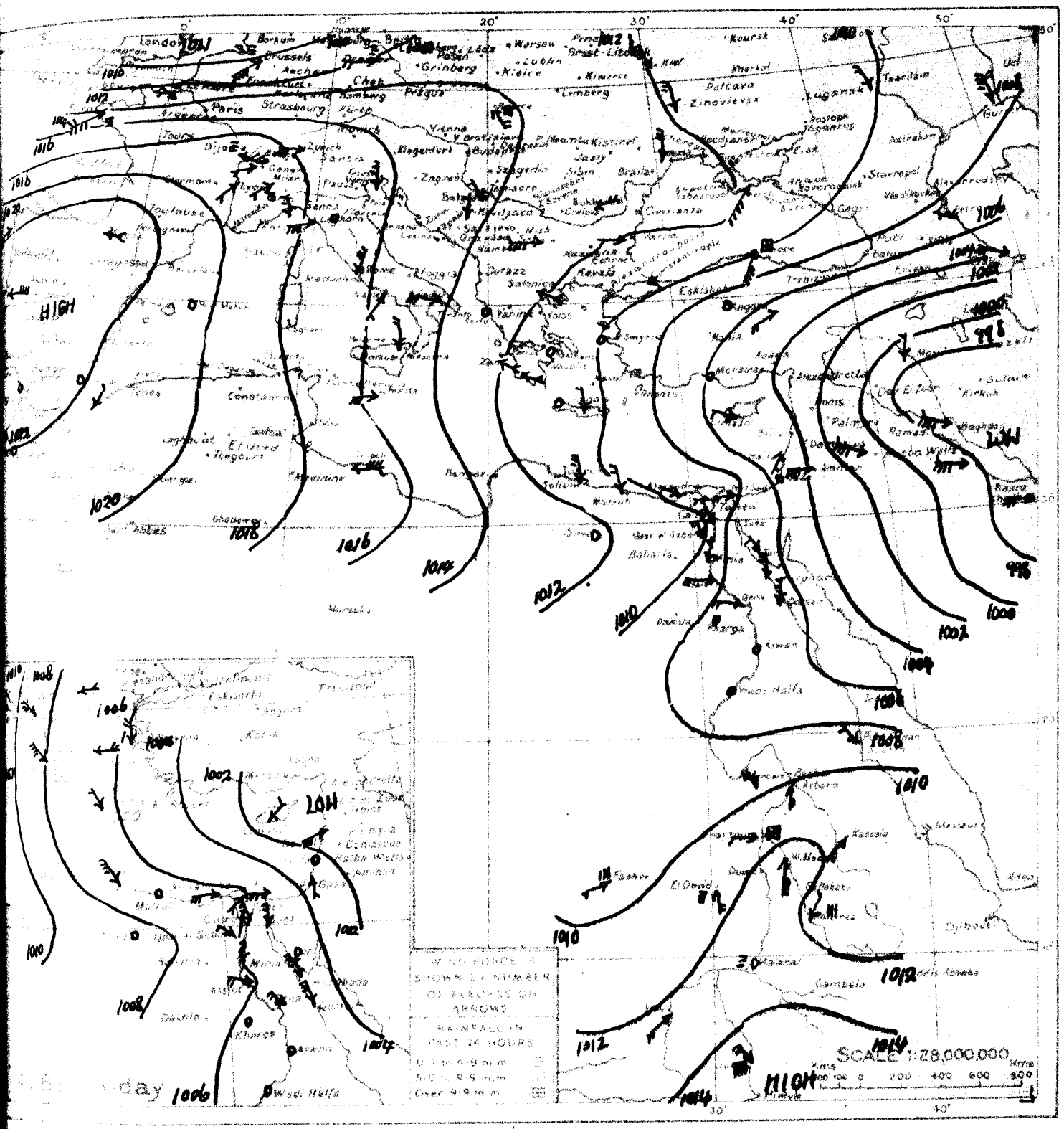
PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-١٧ Barometer and Wind at 8 h. Yesterday 17.8.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٨-W From Observations taken at 8 h yesterday. 17.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C.	°C	°C	°C	°C.	%		m.m.	m.m	m.m.	
MEDITERRANEAN	ROME	1017.0	+2.7	+2.0	NE	3	0	25	-2	—	33	—	20	—	40	—	—	—	736	—
	MALTA	1014.8	-0.4	-1.9	W	3	0	27	0	—	34	+4	24	+2	80	—	0	338	430	2
	ATHENS	1010.6	-3.4	-2.1	—	0	8	29	+1	—	—	—	—	—	40	—	—	—	374	—
	CANDIA	1011.8	-1.8	-0.4	NW	1	0	31	—	—	33	+4	21	-1	—	—	0	519	462	1
	LIMASSOL	1004.8	-2.7	-3.1	WNW	1	0	29	0		34	+1	19	-1	—	—	0	393	465	2
EGYPT and SUDAN	Merowe مروى	1009.9	+0.9	+1.5	SE	3	2	30.0	+2.0	-1.6	40	-1	27	+1	59	+18	0	470	22	—
	Atbara عطبرة	1011.4	-0.4	+3.2	S	2	2	27.0	+0.5	-3.7	87	-3	25	0	56	+16	0	68	56	—
	Kassala كسلا	1011.9	+0.5	+0.3	SW	1	0	26.0	+1.0	-0.4	31	-2	24	+2	84	+15	0	138	217	—
	El Fasher الفاشر	1008.2	-0.1	—	WSW	1	1	24.0	-2.5	-0.2	34	+1	21	+1	83	+12	5	210	221	—
	El Obeid الابيض	1011.5	+0.4	-0.4	SSE	2	4	24.3	-0.7	-0.8	34	+1	22	+1	96	+20	3	183	216	—
	Malakal الملاكال	1013.6	+0.8	+0.9	—	0	4	24.0	-1.8	-0.6	31	0	22	+1	86	+2	2	406	643	—
	Wau واو	1012.0	-0.6	+0.5	SW	2	0	24.4	-0.6	+0.4	32	0	22	+2	88	+4	0	653	856	—
	Juba جوبا	1014.7	-1.7	—	NW	2	3	22.0	+0.8	—	27	—	20	—	98	—	14	793	739	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 5h 24m

" " sunset 18h 32m

From Observations taken at 8h. to-day.

Wednesday 19th August 1931 ١٩٣١ الاربعاء ١٩ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Max. Diff. from yesterday	Temperature: Diff from normal	Min. Diff. from yesterday	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Jan.	Rainfall: Total since 1st Jan. last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1005.1	-1.7	-6.2	NW	4	0	26.9	-0.2	+0.9	34	—	22	—	75	+4	0	67	101	5
	MATRUH	1005.6	-1.2	-5.1	NW	3	3	27.0	+1.2	+1.2	28	0	22	+1	86	+7	0	179	158	3
	ALEXANDRIA	1004.6	-1.4	-6.2	NW	1	0	26.8	+0.4	+0.1	31	0	24	+1	84	+12	0	96	190	1
	PORT SAID	1004.0	-1.1	-4.7	WSW	1	0	28.0	+0.5	+0.3	36	+5	24	0	75	+3	0	62	82	1
	GAZA	—	—	—	—	0	0	27.6	-0.6	-0.2	32	+2	20	0	—	—	0	251	376	
	HAIFA	1001.4	-1.0	-5.4	—	0	1	30.9	+1.0	+1.6	33	+2	26	+4	64	+1	0	665	648	1
LOWER EGYPT	TANTA	1004.8	-1.6	—	WSW	1	1	27.2	+3.0		37	—	23	—	73		0	35		
	EZBEKIYA	1004.6	-1.4	-5.6	WNW	1	3	26.0	+0.1	+0.2	36	+1	24	+3	81	+6	0	17	34	
	GIZA	1004.4	-1.6	-5.9	N	1	3	26.0	+0.5	—	38	+4	22	+3	85		0	21	31	
	HELWAN	1004.4	-1.5	-5.7	N	2	0	25.6	+1.0	+0.7	36	+1	23	+2	76	+9	0	19	35	
	SIWA	1007.8	-1.2	-3.4	WNW	1	0	27.5	+2.6	+1.5	41	+4	22	+2	65	+4	0	38	7	
RED SEA	SUEZ	1003.0	-1.7	-6.3	N	1	0	28.0	+1.0	+1.8	38	+2	24	+1	57	-18	0	28	26	0
	TOR	1003.9	-0.5	-2.7	—	0	0	29.5	+0.3	+0.8	38	+4	22	-2	82	+8	0	11	14	0
	HURGHADA	1003.8	-0.4		NNW	2	0	31.3	-0.5		37		23		71		0	0		1
	QOSSEIR	1004.3	+0.1		—	0	0	33.5	+0.5		35		27		65		0	15		0
UPPER EGYPT	GEBEL	1005.9	-1.7	-4.5	—	0	0	28.2	+0.7	+1.1	38	+1	22	+2	69	+7	0	17		
	MINIA	1004.8	-0.7		SSE	1	0	27.0	0.0	+0.9	38	+2	20	-1	38	-31				
	ASSIUT	1005.3	-1.0	-3.8	WSW	2	0	29.0	-0.2	+1.6	38	+2	22	-1	32	-23	0	7		
	LUXOR	1004.3	-0.4		WNW	2	0	30.5	+0.1	-0.7	44	+5	25	+2	29	-16				
	KHARGA	1004.4	-1.4		—	0	0	28.4	-2.5		40		20		27		0	1		
	ASWAN	1004.3	-0.1	-3.4	—	0	0	32.0	-1.0	+0.3	42	+1	27	+2	39	+6				
SUDAN	WADI HALFA	1004.7	-0.8	-3.9	—	0	0	29.8	-0.2	-0.3	42	+2	24	+1	30	0				
	KORMA	—	—	—	SE	2	0	31.0	-0.5	-0.7	44	+3	28	+2	53	+12	0	470	23	
	ATBARA																			
	KHARTOUM	1004.3	-0.1	-0.1	SSE	4	4	25.7	-0.9	-1.9	35	-2	25	0	87	+20	3	107	105	
	PORT SUDAN	1006.3	+1.3	+0.2	NW	1	0	36.4	-0.3	+0.4	41	+1	30	+2	37	-6	0	91	120	1
	KASSALA																			
	KHARGA	1008.3	-0.5	-3.5	NNE	1	2	25.5	-0.5	+1.9	33	+1	22	+1	80	-1	0	547	538	
	EL FASHER	1006.6	0.0		SSW	1	2	25.5	-0.5	+1.2	32	-1	22	+2	72	+1	0	210	231	
	EL OBEID																			
	KASSALA	1011.0	-0.1	-1.6	SSE	2	1	25.0	-1.8	+0.4	33	+2	21	0	84	0	4	409	655	
	KAS	1013.4	+1.4	+2.0	SSW	7	4	21.0	-2.0	-3.0	30	-3	20	0	95	+11	22	678	870	
	DONGOLA																			

Upper Air Observations of Helwan at 8 h. 45 m.

Height in Metres	Speed in Km. per Hour	Direction
500	10	NNE
1000	20	WSW
1500	35	WSW
2000	20	W
3000		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	86	+15	24.9	+2.5
Ezbekiya	56	-6	21.8	-1.1
Giza	56	-7	21.4	—
Helwan	41	-11	17.9	-0.3

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
18.8	6941	7258
17.8	6597	7391

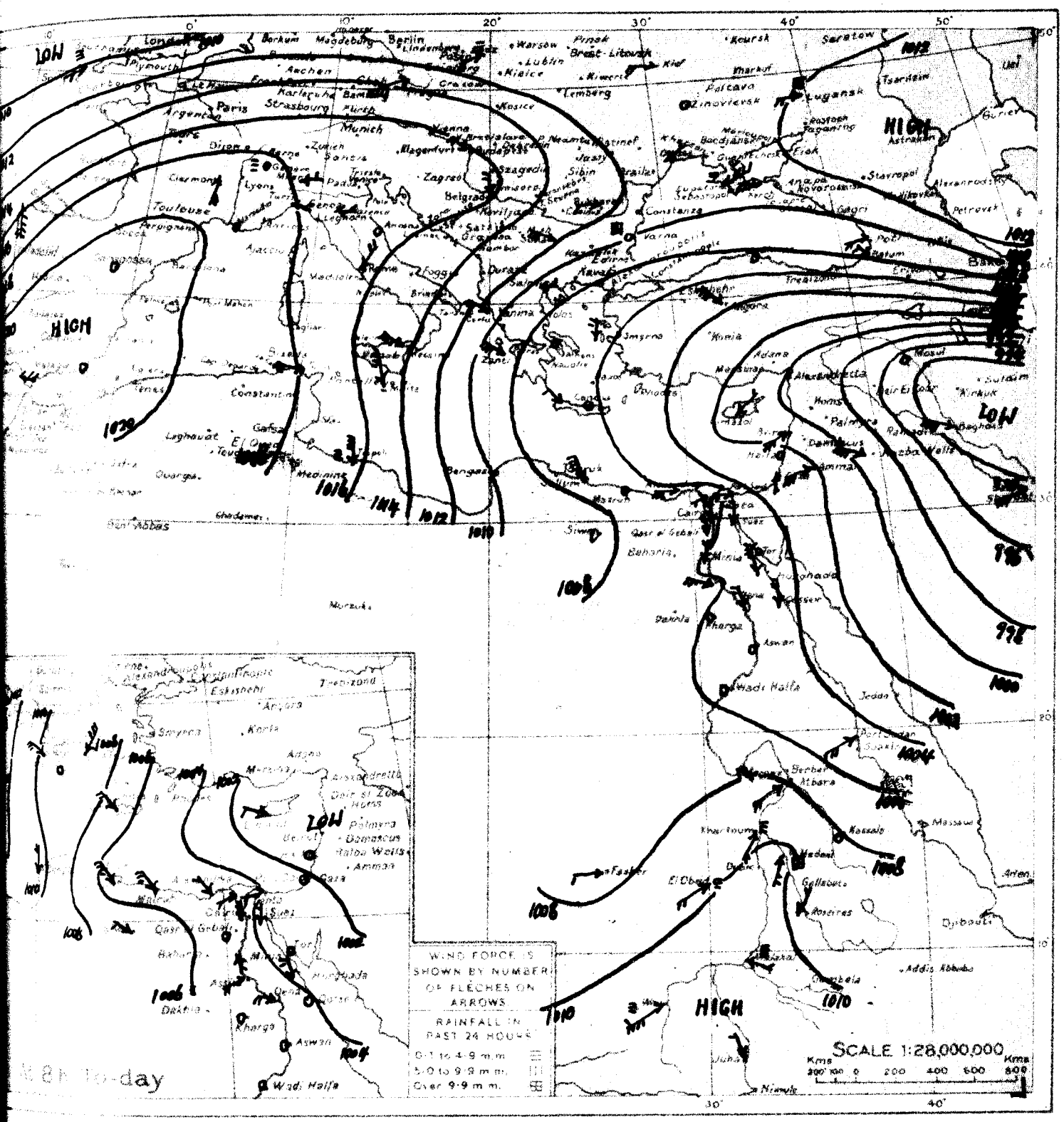
GAUGE	Date 1931	Reading m	Diff from normal m	Previous Reading m	Diff. m
Juba	18.8	13.94	+0.19	14.50	+0.76
Nasser	18.8	9.65	-0.15	9.65	-0.14
Malakal	18.8	11.65	-0.12	11.64	-0.12
Roseires	19.8	19.00	-0.20	19.32	+0.13
Sennar Res.	18.8	17.20	—	17.20	—
Makwar	18.8	11.94	-0.19	11.60	-0.49
Khartoum	19.8	15.38	-0.07	15.34	-0.07
Kh. el Girba	18.8	13.50	-0.91	13.70	-0.70
Atbara	19.8	15.38	+0.53	14.98	+0.18
Wadi Halfa	19.8	7.26	+0.07	7.16	+0.02
Aswan Res.	18.8	97.20	—	96.91	—
" D.S.	18.8	91.32	+0.11	91.12	-0.02
El Leithi	19.8	21.02	-0.48	20.70	-0.72
Roda (Cairo)	19.8	17.17	-0.53	16.96	-0.66

PRINTED AT THE SURVEY OF EGYPT 1930 (29/639/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-١٨ Barometer and Wind at 8 h. Yesterday 18.8.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٨-١٨ From Observations taken at 8 h. yesterday. 18.8.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.3	-0.7	+1.2	NE	2	0	24	-1	—	31	—	18	—	40	—	—	—	737	—
	BASTIA	1014.5	-0.3	-2.2	NNW	4	0	26	-1	—	32	+2	24	+2	60	—	0	338	430	3
	ATHENS	1006.3	-4.3	-6.5	—	0	0	31	+2	—	—	—	—	—	30	—	1	—	374	—
	CANDIA	1006.6	-5.2	-5.7	—	0	0	30	-1	—	34	+5	21	-1	—	—	0	519	462	1
	LIMASSOL	1001.3	-3.5	-6.7	NE	1	1	28	-1		37	+4	21	+1	—	—	0	393	465	3
EGYPT and SUDAN	Meroue مروى	1007.1	-2.8	-1.3	SE	1	1	31.5	+1.5	-0.1	40	-1	27	+1	48	+7	0	470	23	—
	Atbara عطبره	1009.6	-1.8	+1.4	SW	2	2	28.0	+1.0	-2.8	37	-3	24	-1	54	+14	0	68	57	—
	Kassala كسلا	1008.0	-3.9	-3.6	—	0	3	28.0	+2.0	+1.6	34	+1	24	+2	77	+8	0	138	221	—
	El Fasher الفاشر	1006.6	-1.6	—	W	1	2	26.0	+2.0	+1.7	35	+2	22	+2	73	+2	0	210	226	—
	Wau واو	1012.0	0.0	+0.5	SW	5	4	23.0	-1.4	-1.0	33	+1	21	+1	83	-1	3	656	863	—
	Juba جوبا	1011.8	-2.9	—	NW	1	2	24.7	+2.7	—	32	—	21	—	89	—	0	793	742	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 25 m

" " sunset 18 h 31 m

From Observations taken at 8h. to-day.

Thursday 20th August, 1931 ١٩٣١ الخميس ٢٠ أغسطس

STATION	Barometer Reduced to Sea Level (mb)	Barometer Change in past 24 hours (mb)	Barometer Diff from normal (mb)	Wind Direction	Wind Force	Sky	Temperature At 8 h. (°C)	Temperature Change in past 24 hours (°C)	Temperature Diff from normal (°C)	Max. (Day) (°C)	Max. Diff from normal (°C)	Min. (Night) (°C)	Min. Diff from normal (°C)	Humidity At 8 h. (%)	Humidity Diff from normal (%)	Rainfall Past 24 hours (mm)	Rainfall Total since 1st Sept. (mm)	Rainfall Total last year (mm)	Sea (°C)
MEDITERRANEAN																			
SOLLUM	1009.9	+4.8	-1.5	N	3	0	28.2	+1.3	+2.2	36	—	22	—	60	-11	0	57	101	4
MATRUH	1009.4	+3.8	-1.4	NNW	2	0	27.4	+0.4	+1.6	28	0	23	+2	83	+4	0	179	158	4
ALEXANDRIA	1008.2	+3.6	-2.7	WNW	2	3	26.8	0.0	+0.1	31	0	24	+1	85	+13	0	96	190	1
PORT SAID	1007.2	+3.2	-1.6	W	3	0	27.0	-1.0	-0.6	35	+4	24	0	77	+5	0	62	82	2
GAZA	—	—	—	SW	1	0	29.1	+1.5	+1.3	33	+3	21	+1	55	-16	0	251	376	
JAFFA	—	—	—	—	0	0	30.9	0.0	+1.6	33	+2	25	+3	65	-3	0	665	648	1
DELTA																			
TANTA	1007.9	+3.1		WSW	1	1	26.4	-0.8		37		22		75		0	35		
MENOUFIYEH	1008.2	+3.6	-2.0	WNW	2	2	26.2	+0.2	+0.5	38	+4	24	+3	75	0	0	17	34	
ZAGAZIG	1008.3	+3.9	-2.1	NNW	1	1	25.1	-0.9	—	39	+5	22	+3	81	—	0	21	31	
MANSURAH	1008.2	+3.8	-2.0	N	1	0	25.8	+0.2	+0.9	38	+4	22	+1	74	+7	0	19	35	
SIWA	1010.8	+3.0	-0.4	—	0	0	26.7	-0.8	+0.7	39	+2	23	+3	70	+9	0	38	7	
RED SEA																			
SUEZ	1006.6	+3.6	-2.9	N	3	0	27.0	-1.0	+0.8	39	+3	25	+2	84	+9	0	28	26	3
TOR	1006.8	+2.9	+0.2	—	0	0	30.0	+0.5	+1.3	33	-1	23	-1	78	+4	0	11	14	0
HURGHADA	1007.0	+3.2		NNW	4	1	30.7	-0.6		35		24		69		0	0		2
QUSEIR	1006.8	+2.5		N	3	1	31.2	-2.3		34		27		82		0	15		2
UPPER EGYPT																			
[illegible]	1009.3	+3.4	-1.2	NW	1	0	27.5	-0.7	+0.5	38	+2	22	+2	65	+3	0	17		
[illegible]	1006.8	+2.0		NNW	1	0	28.0	+1.0	+2.0	39	+4	24	+3	70	+1				
[illegible]	1007.8	+2.5	-1.4	WNW	2	0	28.8	-0.2	+1.5	39	+3	24	+1	53	-3	0	7		
[illegible]	1006.8	+2.5		NNW	1	0	31.0	+0.5	-0.1	43	+4	24	+1	29	-17				
[illegible]	1006.7	+2.3		—	0	0	30.1	+1.7		41		22		36		0	1		
[illegible]	1007.0	+2.7	-0.7	—	0	0	31.2	-0.8	-0.4	42	+1	25	0	23	-10				
[illegible]	1006.7	+2.0	-2.0	—	0	0	29.0	-0.8	-1.0	43	+3	22	-1	29	-1				
[illegible]	1011.8	+2.5	+2.4	S	3	1	27.2	+1.5	-0.4	35	-2	25	0	74	+7	0	107	107	
[illegible]	1008.7	+2.4	+2.6	N	1	0	37.4	+1.0	+1.5	42	+2	31	+3	36	-7	0	91	120	1
[illegible]	1012.8	+1.6	+2.1	E	2	1	27.0	+1.0	+1.3	34	-1	23	+2	73	+4	0	243	275	
[illegible]	1011.2	+2.9	-0.6	NNE	2	2	26.0	+0.5	+2.4	34	+2	23	+2	84	+3	0	547	545	
[illegible]	1007.6	+1.0		SSW	1	2	26.0	+0.5	+1.7	38	+5	23	+2	73	+2	0	210	236	
[illegible]	1011.2	+2.6	-0.7	SW	2	4	26.5	+1.0	+1.3	35	+2	22	+1	86	+10	dr.	184	227	
[illegible]	1013.8	+2.8	+1.2	SSE	1	1	25.6	+0.6	+0.9	31	0	22	+1	81	-3	17	426	661	
[illegible]	1012.3	-1.1	+0.9	S	3	1	25.0	+4.0	+1.0	29	-3	21	+1	84	0	1	679	877	

8 30

[illegible]	5	NE
[illegible]	5	NE
[illegible]	15	E
[illegible]	15	E

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day (%)	Diff from normal (%)	Air Temperature Mean of Day (°C)	Diff from normal (°C)
Alexandria	85	+14	25.4	+3.0
Ezbekiya	62	0	23.7	+0.8
Giza	63	0	23.1	—
Helwan	53	+1	22.1	+1.9

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
19.8	7194	7593
18.8	6941	7258

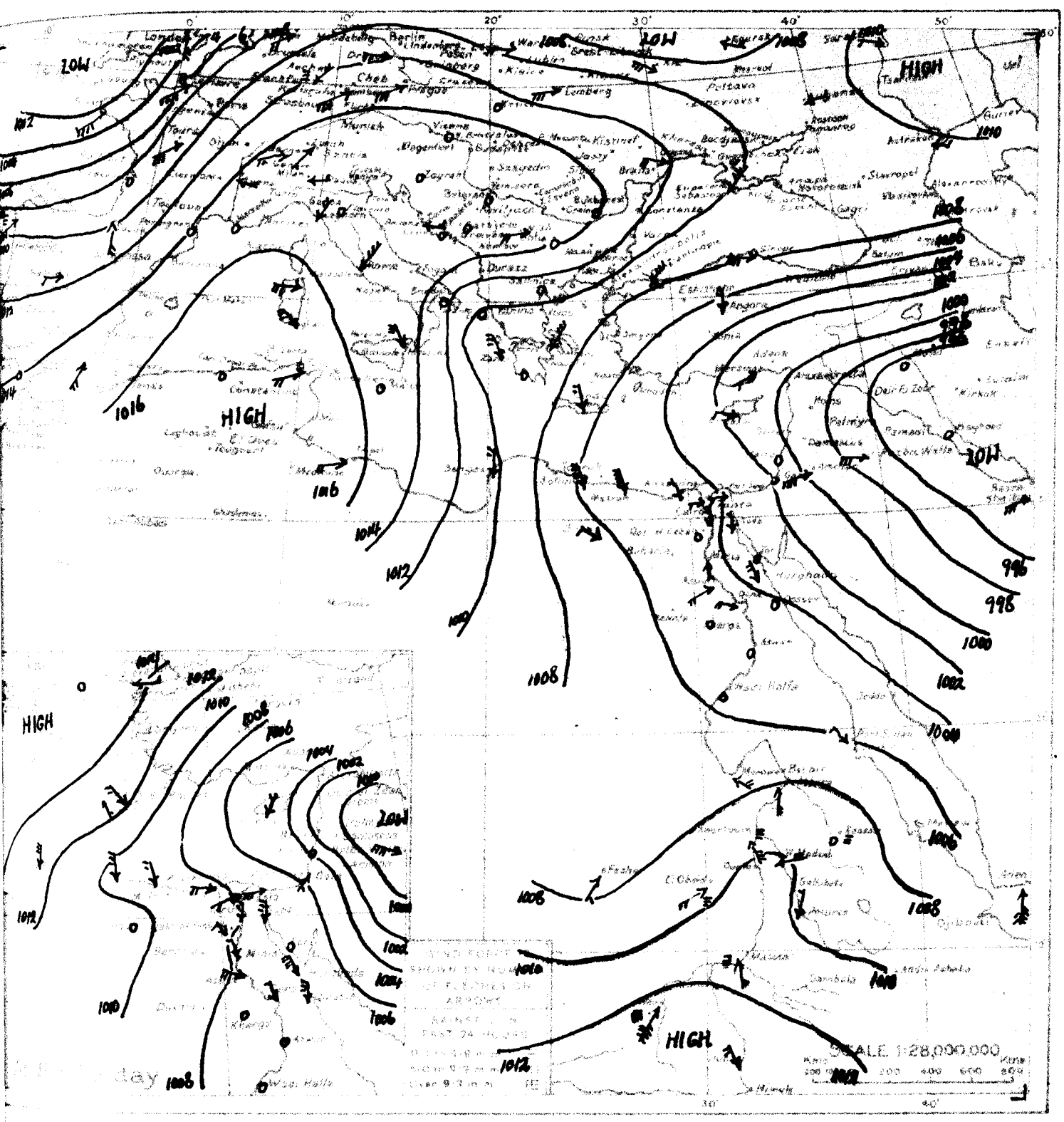
GAUGE	Date	Reading	Diff. from normal	Rise	Fall
	1931	m	m	m	m
Juba	19.8	14.15	+0.40	13.94	+0.19
Nassar	19.8	9.67	-0.16	9.65	-0.15
Malakal	19.8	11.66	-0.13	11.65	-0.12
Roseires	20.8	19.44	-0.17	19.00	-0.20
Sennar Res.	19.8	17.20	—	17.20	—
Makwar	19.8	11.79	-0.37	11.94	-0.19
Khartoum	19.8	15.38	-0.07	15.34	-0.07
Kh. el Girbi	18.8	13.50	-0.91	13.70	-0.70
Atbara	20.8	14.94	+0.06	15.38	+0.53
Wadi Halfa	20.8	7.34	+0.09	7.26	+0.07
Aswan Res.	19.8	97.43	—	97.20	—
" D.S.	19.8	91.46	+0.20	91.32	+0.11
El Leithi	20.8	21.40	-0.22	21.02	-0.49
Roda (Cairo)	20.8	17.43	-0.37	17.17	-0.53

PRINTED AT THE SURVEY OF EGYPT (8,25(29/5,9,31) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٣١-٨-١٩ Barometer and Wind at 8 h Yesterday 19.8.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
½ Clouded	1
¾ Clouded	2
⅞ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١-٨-١٩ From Observations taken at 8 h. yesterday 19.8.31.

		Barometer: Reduced Sea Level	Barometer: Change in 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	[illegible]	1015.1	-1.2	0.0	NE	3	0	25	+1	—	31	—	17	—	40	—	—	—	738	—
	[illegible]	1014.3	-0.2	-2.5	—	0	0	26	0	—	28	-2	24	+2	70	—	0	338	430	2
	[illegible]HENS	1009.5	+3.2	-3.5	NNE	3	0	29	-2	—	—	—	—	—	30	—	—	—	375	—
	[illegible]ANDIA	1007.1	+0.5	-5.3	NW	2	1	29	-1	—	34	+5	26	+4	—	—	0	519	462	2
	[illegible]MASSOL	1000.8	-0.5	-7.4	WNW	1	0	29	+1		34	+1	21	+1	—	—	0	393	465	2
EGYPT and SUDAN	Albara عطبره	1008.7	-0.9	+0.5	S	2	0	28.0	0.0	-2.8	37	-3	26	+1	57	+17	0	68	58	—
	Kassala كسلا	1009.9	+1.9	-1.7	—	0	5	24.0	-4.0	-2.4	36	+3	22	0	100	+31	2	140	225	—
	Wad Medani [illegible]	1011.2	0.0	+0.5	E	2	1	26.0	-1.0	+0.3	36	+1	23	+2	80	+11	0	243	270	—
	El Obeid الابيض	1008.6	-0.5	-3.3	SW	2	4	25.5	-2.0	+0.3	34	+1	20	-1	90	+14	dr.	184	223	—
	Juba [illegible]	1013.4	+1.6	—	NW	2	3	22.4	-2.3	—	32	—	20	—	95	—	0	793	745	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 26 m

" " sunset 18 h 30 m

From Observations taken at 8 h. to-day.

Friday 21st August, 1931 ١٩٣١ الجمعة ٢١ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1011.5	+1.6	0.0	NNW	2	0	27.4	-0.8	+1.4	34	—	22	—	68	-4	0	57	101	3
	MATRUH	1010.6	+1.2	-0.3	N	1	0	26.4	-1.0	+0.6	29	+1	21	0	82	+3	0	179	158	1
	ALEXANDRIA	1009.8	+1.6	-1.2	NW	2	0	26.8	0.0	+0.1	31	0	24	+1	78	+6	0	96	190	1
	PORT SAID	1008.7	+1.5	-0.2	W	1	3	28.6	+1.6	+1.0	35	+4	25	+2	80	+8	0	62	82	2
	GAZA	—	—	—	S	1	1	27.8	-1.3	+0.1	34	+4	22	+2	70	-1	0	251	376	—
	HAIFA	1005.1	—	-1.9	—	0	0	31.1	+0.2	+1.8	30	-1	26	+4	69	+1	0	665	648	2
LOWER EGYPT	TANTA	1009.4	+1.5	—	W	2	4	26.8	+0.4	—	39	—	23	—	78	—	0	35		
	CAIRO EZBEKIYA	1009.0	+0.8	-1.3	N	1	1	26.0	-0.2	+0.4	37	+3	24	+3	76	0	0	17	34	
	CAIRO GIZA	1009.3	+1.0	-1.2	N	1	1	26.0	+0.9	—	39	+5	24	+5	77	—	0	21	31	
	CAIRO HELWAN	1009.0	+0.8	-1.3	NNW	3	0	25.0	-0.8	+0.1	38	+4	23	+2	78	+11	0	19	35	
	SIWA	1011.9	+1.1	+0.6	NNE	1	0	26.8	+0.1	+0.8	39	+2	22	+2	68	+7	0	38	7	
RED SEA	SUEZ	1007.5	+0.9	-2.1	N	2	0	27.0	0.0	+0.9	38	+2	24	+1	84	+9	0	28	26	1
	TOR	1006.7	-0.1	0.0	—	0	0	30.5	+0.5	+1.9	33	-1	22	-2	86	+12	0	11	14	0
	HURGHADA	1007.1	+0.1		NW	4	0	32.7	+2.0	—	36	—	24	—	37		0	0		2
	QOSSEIR	1007.1	+0.3	—	NNW	4	0	32.2	+1.0	—	33	—	27	—	56		0	15		2
UPPER EGYPT	GERGEH	1010.0	+0.7	-0.6	NW	1	0	28.0	+0.5	+1.0	37	+1	22	+2	61	-1	0	17		
	MINYA	—	—	—	NNE	2	0	27.5	-0.5	+1.5	38	+3	22	+1	74	+4				
	ASSIUT	1008.7	+0.9	-0.5	WNW	2	0	28.4	-0.4	+1.2	40	+4	24	+1	58	+1	0	7		
	QENA	1007.1	+0.3	—	WNW	2	0	31.0	0.0	0.0	44	+5	27	+4	38	-8				
	KHARGA	1007.0	+0.3	—	—	0	0	30.1	0.0	—	42	—	22		49		0	1		
	ASWAN	1006.8	-0.2	-1.0	—	0	0	32.7	+1.5	+1.1	45	+4	28	+3	26	-7				
SOUDAN	WADI HALFA	1006.7	0.0	-2.0	—	0	0	30.2	+1.2	+0.2	45	+5	24	+1	29	-1				
	MEROWE	1008.3	+0.3	-0.2	SE	3	0	33.0	0.0	+1.3	41	0	29	+3	47	+6	0	470	25	
	ATBARA	1010.8	+1.3	+2.6	S	2	2	27.5	-2.0	-3.4	37	-3	25	0	50	+10	3	71	61	
	KHARTOUM	1009.8	-2.0	+0.4	S	2	3	27.6	+0.4	0.0	36	-1	25	0	71	+4	tr.	107	110	
	PORT SUDAN	1007.6	-1.1	+1.4	SW	1	3	34.9	-2.5	-0.9	42	+2	28	0	43	0	11	102	121	1
	KASSALA	1012.2	-1.4	+0.6	—	0	5	26.0	+0.5	-0.5	34	0	21	-1	69	0	12	152	233	
	WAD MEDANI	1009.8	-3.0	-0.9	S	3	1	29.5	+2.5	+3.8	36	+1	24	+3	55	-14	0	243	280	
	ROSEIRES	—	—	—	NE	1	2	26.5	+0.5	+2.9	33	+1	23	+2	80	-1	1	548	552	
	EL FASHER	1007.8	+0.2	—	WSW	1	1	26.0	0.0	+1.7	37	+4	22	+2	73	+2	9	219	241	
	EL OBEID	1010.7	-0.5	-1.2	SW	2	1	27.5	+1.0	+2.3	32	-1	21	0	80	+4	0	184	231	
	MALAKAL	1013.3	-0.5	+0.7	SSE	1	3	26.0	+0.4	+1.3	33	+2	24	+3	85	+1	0	426	667	
	NAS	1012.7	+0.4	+1.3	S	3	4	24.0	-1.0	0.0	33	+1	23	+3	91	+7	4	683	884	
	JUBA	1013.6	-1.0	—	W	2	2	23.8	+0.4	—	31	—	21	—	91	—	0	793	751	

Upper Wind Observations at Helwan at 8 h. m.

Height in Metres	Speed in Knots	Direction
500		
1000		
1500		
2000		
3000		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	84	+13	25.0	+2.6
Ezbekiya	60	-2	23.3	+0.4
Giza	58	-5	22.8	—
Helwan	48	-4	22.1	+1.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
21.8	7567	8947
20.8	7399	8434

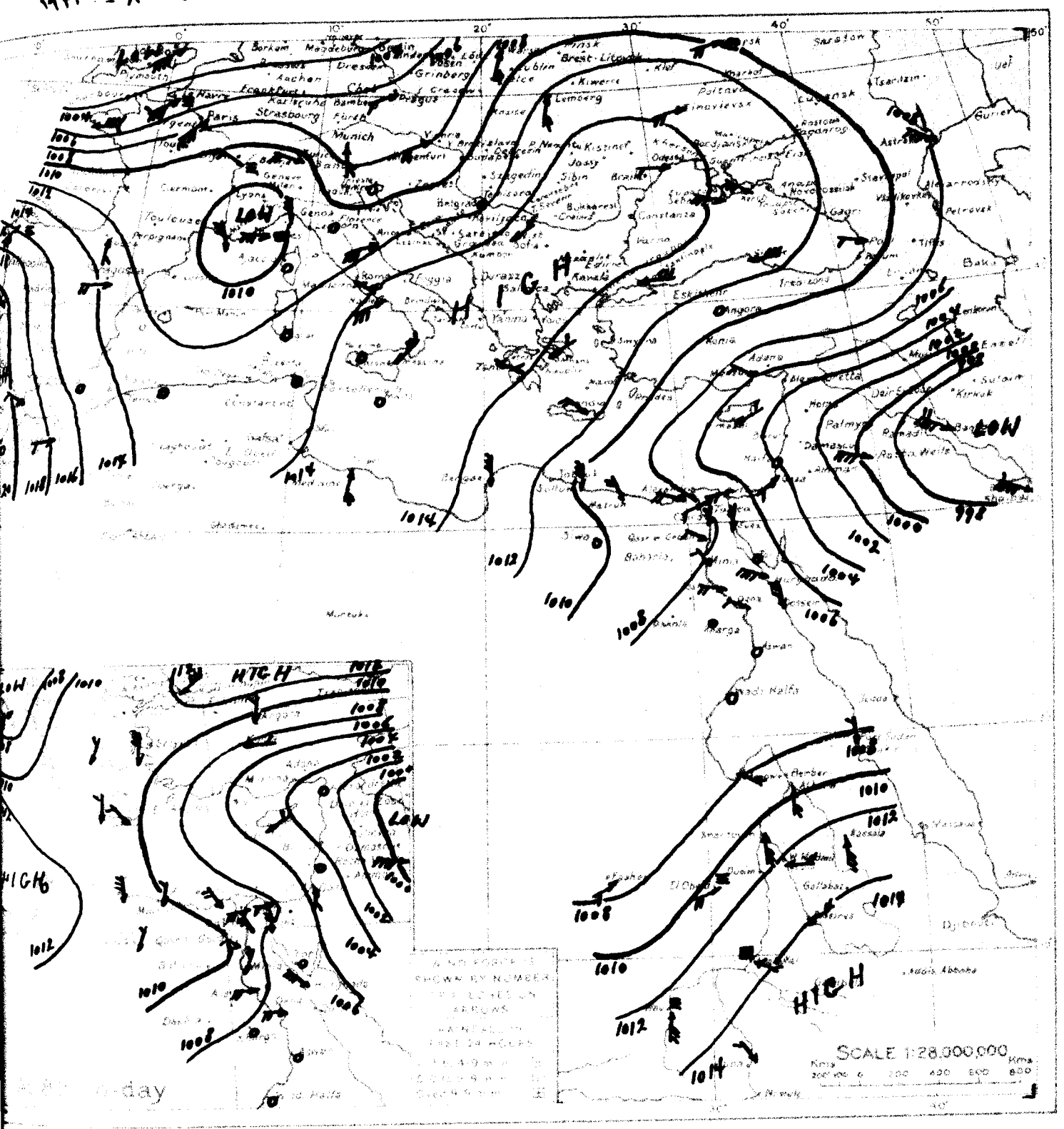
GAUGE	Date	Reading	Diff. from normal	Rise: Reading	Rise:
	1931	m	m	m	
Juba	21.8	13.76	+0.01	13.80	+0.05
Nasser	20.8	9.69	-0.16	9.67	-0.16
Malakal	20.8	11.66	-0.14	11.66	-0.13
Roseires	20.8	19.04	-0.17	19.00	-0.20
Sennar Res.	21.8	17.20	—	17.20	—
Makwar	21.8	11.47	-0.75	11.48	-0.71
Khartoum	20.8	15.42	-0.08	15.38	-0.07
Kh. el Girba	18.8	13.50	-0.91	13.70	-0.70
Atbara	20.8	14.94	+0.06	15.38	-0.53
Wadi Halfa	20.8	7.34	+0.09	7.26	+0.07
Aswan Res.	21.8	97.77	—	97.62	—
" D.S.	21.8	91.65	+0.22	91.58	+0.23
El Leithi	21.8	21.65	-0.09	21.40	-0.22
Roda (Cairo)	20.8	17.43	-0.37	17.17	-0.53

PRINTED AT THE SURVEY OF EGYPT 929(24/559/1) 1939 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ - ٨ - ٢٠ Barometer and Wind at 8 h. Yesterday 20 - 8 - 1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ - ٨ - ٢٠ From Observations taken at 8 h yesterday. 20 - 8 - 1931

	Barometer: Reduced to Sea Level	Barometer: Change in 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8	Temperature: Change in 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from 1st yesterday	Rainfall: Normal from 1st yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
Rome	1013.6	-1.5	-1.5	SE	2	0	27	+2	—	32	—	19	—	50	—	—	—	739	—
Malta	1015.3	+1.0	-1.5	—	0	0	25	-1	—	28	-2	22	0	70	—	0	338	430	1
Athens	—	—	—	NNE	1	8	28	-1	—	—	—	23	+1	30	—	—	—	375	—
Candia	1013.0	+5.9	+0.4	NW	2	1	28	-1	—	31	+2	20	-2	—	—	0	519	462	3
Limassol	1004.2	+3.4	-4.1	NNE	1	0	30	+1		34	+1	21	+2	—	—	0	393	465	4
Meyowe	1008.0	—	-0.4	SE	2	1	33.0	+2.0	+1.3	42	+1	29	+3	50	+9	0	470	24	—
Albata	1009.5	+0.8	+1.3	S	2	3	29.5	+1.5	-1.3	39	-1	28	+3	43	+3	0	68	60	—
Kassala	1013.6	+3.7	+2.0	S	3	0	25.5	+1.5	-0.9	35	+1	23	+1	88	+19	0	140	229	—
Juba	1014.6	+1.2	—	NW	1	3	23.4	+1.0	—	32	—	21	—	93	—	0	793	748	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 26

" " sunset 18 29

From Observations taken at 8h. to-day.

Saturday 22nd August, 1931 ١٩٣١ السبت ٢٢ أغسطس

STATION	Barometer Reading at 8 h. (Sea Level)	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff. from normal	Temperature Max.	Temperature Diff. from normal	Temperature Min.	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Amount	Rainfall Max.	Rainfall Total	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1009.0	-2.5	-2.6	NW	4	0	26.8	-0.6	+0.9	33		21		65	-7	0	57	101	5
MERSA MATRUH	1008.4	-2.2	-2.6	NW	2	0	26.0	-0.4	+0.2	30	+2	21	0	85	+7	0	179	158	2
ALEXANDRIA	1008.2	-1.6	-2.9	W	2	0	26.5	-0.3	-0.2	31	0	23	0	74	+2	0	96	190	1
ABOUKIR	1007.1	-1.6	-1.9	W	2	0	28.2	-0.4	+0.6	34	+3	24	+1	75	+3	0	62	82	2
[illegible]	—	—	—	—	0	3	28.2	+0.4	+0.5	32	+2	22	+2	74	+3	0	251	376	
[illegible]	1004.0	-1.1	-3.1	—	0	1	30.3	-0.8	+1.0	34	+3	26	+4	71	+3	0	665	648	1
[illegible]	1008.2	-1.2		NNW	1	0	26.5	-0.3		37		22		71		0	35		
[illegible]	1007.9	-1.1	-2.4	NNE	1	1	25.9	-0.1	+0.4	37	+3	23	+2	75	-1	0	17	34	
[illegible]	1008.0	-1.3	-2.5	NNW	1	2	24.6	-1.4	—	37	+3	20	+1	85	—	0	21	31	
[illegible]	1007.8	-1.2	-2.6	NNE	2	0	24.9	-0.1	+0.1	37	+3	22	+1	72	+5	0	19	35	
[illegible]	1011.0	-0.9	-0.3	NW	1	0	[illegible]	-4.0	-3.1	38	+1	21	+1	[illegible]	+22	0	38	7	
[illegible]	1006.4	-1.1	-3.3	N	3	0	26.0	-1.0	-0.1	38	+2	24	+1	76	+1	0	28	26	2
[illegible]	1005.1	-1.6	-1.7	NW	5	0	30.0	-0.5	+1.4	39	+5	23	-1	78	+4	0	11	14	5
[illegible]	1006.0	-1.1		NNW	6	0	32.3	-0.4		34		24		45		0	0		3
[illegible]	1004.7	-2.4		NNW	4	0	33.5	+1.3		35		29		35		0	15		3
[illegible]	1009.3	-0.7	-1.4	N	1	0	26.7	-1.3	-0.2	38	+2	21	+1	65	+3	0	17		
[illegible]	1007.9	—		NNE	2	0	26.7	-0.8	+0.8	38	+3	22	+1	68	-2				
[illegible]	1007.4	-1.3	-1.9	WNW	2	0	28.4	0.0	+1.3	40	+4	25	+2	58	0	0	7		
[illegible]	1005.6	-1.5		WNW	2	0	30.2	-0.8	-0.7	44	+5	26	+3	38	-8				
[illegible]	1006.4	-0.6		WNW	1	0	32.7	+2.6		41		26		37		0	1		
[illegible]	1004.2	-2.6	-3.7	—	0	0	33.2	+0.5	+1.7	43	+2	28	+3	26	-8				
[illegible]	1005.3	-1.4	-3.5	N	1	0	30.0	-0.2	+0.1	44	+4	24	+1	26	-4				
[illegible]	1007.9	-1.9	-1.5	S	3	3	27.7	+0.1	+0.1	37	0	22	-3	75	+8	3	110	112	
[illegible]	1006.2	-1.4	-0.1	—	0	2	34.8	-0.1	-0.9	42	+2	29	+1	51	+8	tr.	102	121	0
[illegible]	1010.2	+0.4	-0.5	S	3	2	25.5	-4.0	-0.2	36	+1	22	+1	88	+19	42	285	285	
[illegible]	1007.8	—	-4.0	NNE	1	1	26.0	-0.5	+2.3	34	+2	22	+1	76	-5	0	548	559	
[illegible]	1006.7	+0.9		SSW	1	2	27.0	+1.0	+2.7	35	+2	22	+2	66	-5	tr.	219	246	

8 45

[illegible]	15	N
[illegible]	10	NW
[illegible]	10	NW
[illegible]	20	N
[illegible]	5	N

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	76	+6	24.5	+2.2
Ezbekiya	60	-3	23.4	+0.5
Giza	60	-4	23.2	—
Helwan	57	+5	22.4	+2.3

NOTE. A dash means that figures are not available.

Terms of Subscription: By Inland Post P.T. 100 annually

" " Abroad P.T. 150

Remarks

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

DATE	1931	1930
22.8	7706	9224
21.8	7567	8947

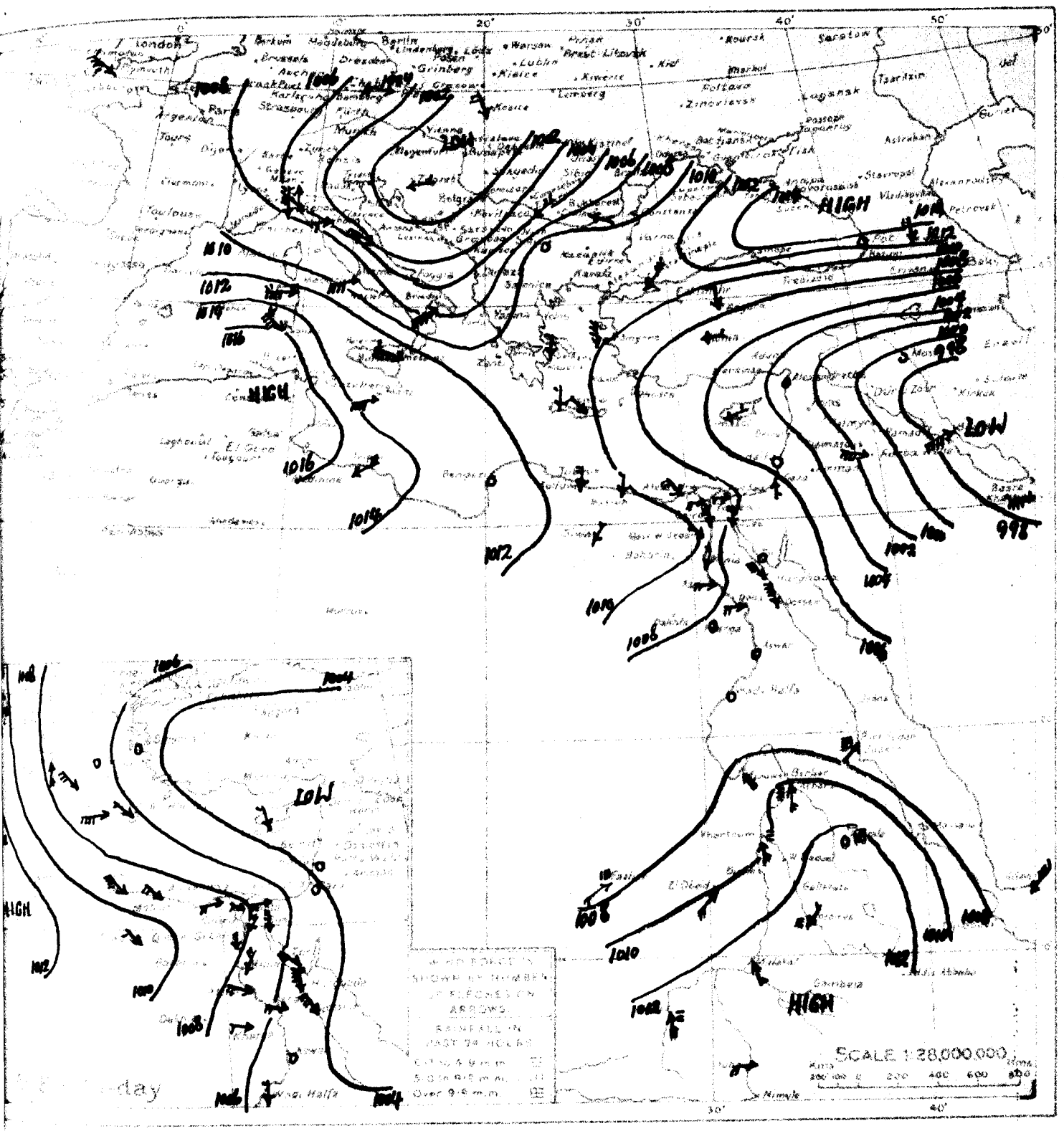
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Rise m.	
Jebba	21.8	13.76	+0.01	13.80	+0.05
Nasser	20.8	9.69	-0.16	9.67	-0.16
Malakal	21.8	11.66	-0.15	11.66	-0.14
Roseires	22.8	18.80	-0.43	18.97	-0.25
Sennar Res.	21.8	17.20	—	17.20	—
Makwar	21.8	11.47	-0.75	11.48	-0.71
Khartoum	22.8	15.32	-0.28	15.34	-0.22
Kh. el Girbd	20.8	13.94	-0.41	13.92	-0.47
Atbara	22.8	15.11	+0.16	15.06	+0.14
Wadi Halfa	22.8	7.53	+0.17	7.41	+0.11
Aswan Res.	22.8	97.90	—	97.77	—
" D.S.	22.8	91.73	+0.25	91.65	+0.22
El Leithi	22.8	21.90	+0.05	21.65	-0.09
Roda (Cairo)	22.8	17.65	-0.12	17.65	-0.25

PRINTED AT THE SURVEY OF EGYPT 1929(31/69)(1) 1950 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٨-٣١ Barometer and Wind at 8 h. Yesterday 21.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٨-٣١ From Observations taken at 8 h yesterday 21.8.31.

		BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.8	-4.8	-6.3	W	4	0	27	0	—	33	—	23	—	40	—	—	—	239	—
	MALTA	1013.4	-1.9	-3.4	W	4	0	26	+1	—	31	+1	23	+1	80	—	0	328	430	2
	ATHENS	1011.8	—	-1.3	NNE	1	0	28	0	—	—	—	—	—	30	—	—	—	375	—
	CANDIA	1011.6	-1.4	-1.1	NW	1	0	31	+3	—	31	+2	22	0	—	—	0	519	462	5
	LINASSOL	1004.8	+0.6	-3.6	ENE	1	0	30	0		35	+2	19	0	—	—	0	393	465	0
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 27m

" " sunset 18h 28m

From Observations taken at 8h. to-day.

Sunday 23rd August, 1931 ١٩٣١ الأحد ٢٣ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct.	Rainfall: Normal to 1st Oct.	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1008.8	-0.2	-2.9	NNW	2	0	26.1	-0.7	+0.2	36	—	21	—	73	+1	0	57	101	4
	MATRUH	1008.3	-0.1	-2.9	NW	1	0	26.8	+0.8	+1.0	29	+1	22	+1	81	+3	0	179	158	1
	ALEXANDRIA	1008.0	-0.2	-3.2	W	1	2	26.7	+0.2	0.0	31	0	23	0	76	+5	0	96	190	0
	PORT SAID	1007.4	+0.3	-1.7	WSW	1	0	27.7	-0.5	+0.1	33	+2	22	-1	73	+1	0	62	82	1
	GAZA																			
	HAIFA	1004.8	+0.8	-2.5	—	0	0	30.4	+0.1	+1.1	35	+4	26	+4	71	+3	0	665	648	1
LOWER EGYPT	TANTA	1007.1	-1.1	—	NNW	1	0	25.0	-1.5	—	36	—	21	—	76	—	0	35	—	—
	CAIRO: EZBEKIYA	1007.8	-0.1	-2.6	NW	2	3	26.0	+0.1	+0.6	35	+1	21	0	76	0	0	17	34	—
	GIZA	1007.8	-0.2	-2.8	NNW	2	3	24.1	-0.5	—	35	+1	18	-1	89	—	0	21	31	—
	HELWAN	1007.2	-0.6	-3.3	NNW	1	0	24.5	-0.4	-0.3	34	0	21	0	62	-5	0	19	35	—
	SIWA	1009.3	-1.7	-2.1	—	0	0	27.2	+4.4	+1.3	38	+1	23	+3	67	+6	0	38	7	—
RED SEA	SUEZ	1006.4	0.0	-3.4	N	2	0	27.0	+1.0	+1.0	36	0	22	-1	69	-7	0	28	26	2
	TOR	1005.3	+0.2	-1.5	NW	4	0	30.0	0.0	+1.5	38	+4	27	+3	50	-24	0	11	14	4
	HURGHADA	1005.0	-1.0	—	NNW	6	0	31.3	-1.0	—	37	—	24	—	47	—	0	0	—	3
	QOSSEIR																			
UPPER EGYPT	GERGA	1008.3	-1.0	-2.6	NW	2	0	26.0	-0.7	-0.9	37	+1	21	+1	62	-1	0	17		
	MINYA	1007.0	-0.9	—	NNE	1	0	26.0	-0.7	+0.1	36	+1	19	-2	66	-4				
	ASYUT	1007.4	0.0	-2.0	WNW	2	0	27.4	-1.0	+0.4	38	+2	23	0	44	-14	0	7		
	QENA	1005.6	0.0	—	WNW	2	0	29.2	-1.0	-1.6	44	+5	25	+2	39	-8				
	[illegible]	1006.2	-0.2		NNE	1	0	31.0	-1.7	—	41	—	22	—	31		0	1		
	ASWAN	1004.3	+0.1	-3.7	—	0	0	33.4	+0.2	+1.9	45	+4	28	+3	29	-5				
SUDAN	[illegible]	1004.8	-0.5	-4.0	—	0	0	30.2	+0.2	+0.4	43	+3	26	+3	25	-6				
	[illegible]	1006.6	+0.2	-1.9	SE	2	4	31.0	-1.0	-0.8	43	+2	27	+1	60	+9	0	470	26	
	[illegible]	—	—	—	S	3	2	31.0	—	0.0	37	-3	27	+2	82	+8	0	71	64	
	[illegible]	1008.8	+0.9	-0.6	SSE	2	3	25.6	-2.1	-2.0	36	-1	22	-3	84	+18	63	173	114	
	[illegible]	1006.4	+0.2	+0.1	NW	1	2	34.0	-0.8	-1.7	42	+2	28	0	57	+14	10	112	121	1
	[illegible]	1010.3	+0.1	-0.4	S	5	2	25.0	-0.5	-0.8	36	+1	22	+1	84	+15	23	308	289	
	[illegible]	—	—	—	NE	1	3	24.5	-1.5	+0.8	32	0	23	+2	87	+6	6	554	566	
	[illegible]	1004.3	-4.4		WNW	1	0	26.0	-1.0	+1.6	38	+5	22	+2	73	+3	0	219	251	
	[illegible]	1010.6	-0.6	-2.0	SSE	1	4	24.0	+0.5	-0.8	31	0	23	+2	91	+8	tr.	455	679	

Upper Air Observations at Helwan at 8 h. 30 m.

Height in Metres	Velocity in Metres per Second	Direction
500	15	ENE
1000	20	N
1500	25	NNE
2000	15	N
3000	5	SSE

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

توقعات الطقس لمدة ٢٤ ساعة من الظهر اليوم

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	78	+8	24.5	+2.2
Ezbekiya	58	-5	22.7	-0.2
Giza	65	+1	22.0	—
Helwan	48	-4	20.8	+0.7

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
22.8	7706	9224
21.8	7567	8947

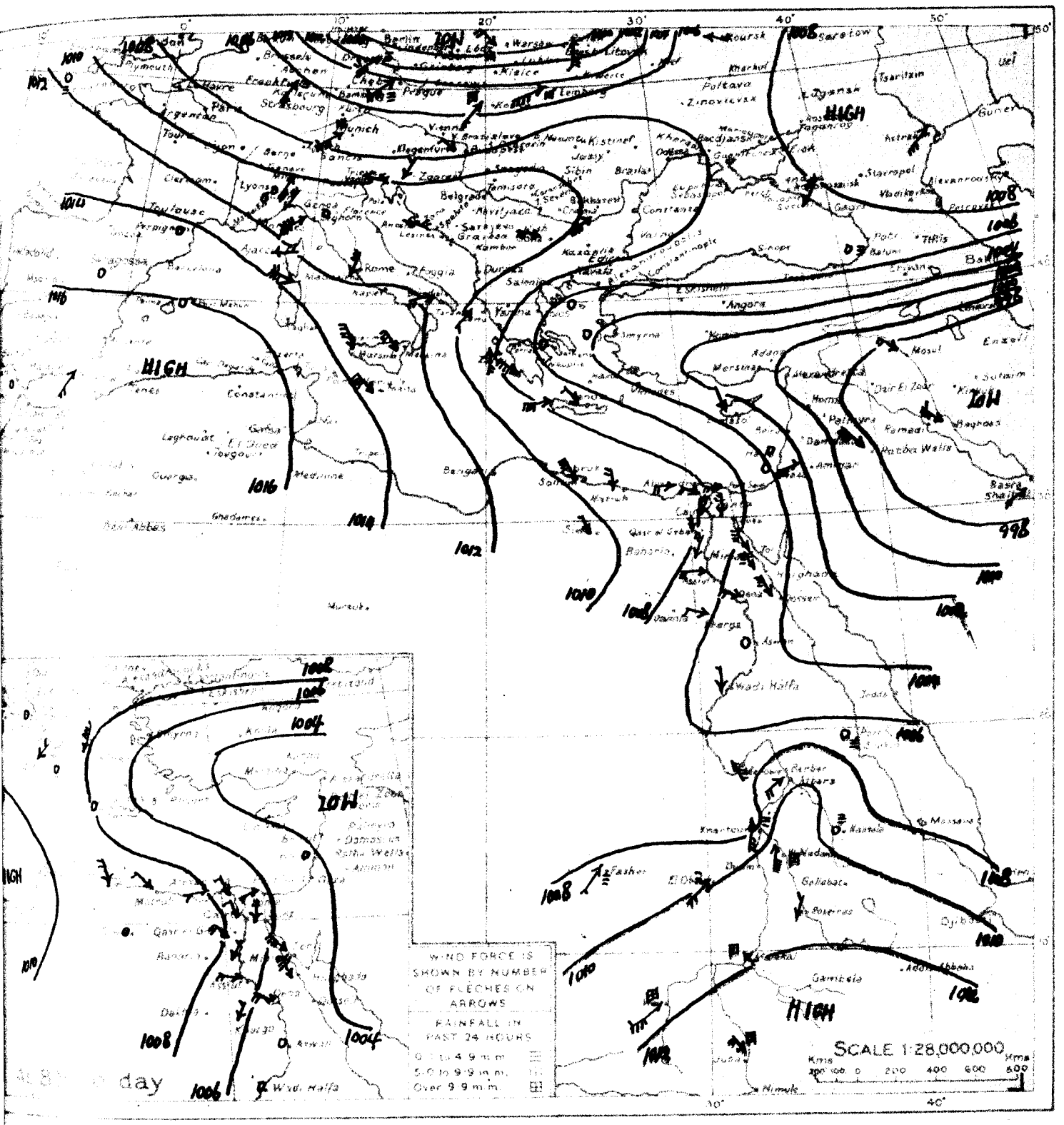
GAUGE	Date 1931	Reading m	Diff. from normal m	Previous Reading m	Diff. from normal m
Juba	22.8	14.02	+0.26	13.76	+0.01
Nasser	22.8	9.73	-0.16	9.71	-0.16
Malakal	22.8	11.68	-0.14	11.66	-0.15
Roseires	22.8	18.80	-0.43	18.97	-0.25
Sennar Res.	22.8	17.20	—	17.20	—
Makwar	22.8	11.44	-0.80	11.47	-0.75
Khartoum	22.8	15.32	-0.28	15.34	-0.22
Kh. el Girba	20.8	13.94	-0.41	13.92	-0.47
Atbara	22.8	15.11	+0.16	15.06	+0.14
Wadi Halfa	23.8	7.55	+0.13	7.53	+0.17
Aswan Res.	22.8	97.90	—	97.77	—
" D.S.	22.8	91.73	+0.25	91.65	+0.22
El Leithi	23.8	22.12	+0.17	21.90	+0.09
Roda (Cairo)	23.8	18.05	-0.02	17.85	-0.12

PRINTED AT THE SURVEY OF EGYPT (82h(29/859/1)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٨-٢٢ Barometer and Wind at 8 h. Yesterday 22.8.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٨-٢٢ From Observations taken at 8 h yesterday 22.8.31.

		Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Max. yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total (from Oct 1 to yesterday)	Rainfall: Normal (from Oct 1 to yesterday)	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	°/o		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.9	+3.1	-3.3	NE	3	2	20	-7	—	29	—	18	—	50	—	—	—	740	—
	MALTA	1013.2	-0.2	-3.8	NW	4	0	24	-2	—	30	0	22	0	60	—	0	338	430	3
	ATHENS	1005.9	+5.9	-7.3	—	0	0	28	0	—	—	—	—	—	30	—	—	—	376	—
	CANDIA	1007.6	+4.0	-5.1	NW	1	0	32	+1	—	33	+5	22	0	—	—	0	519	462	1
	LIMASSOL	1003.1	-1.7	-5.5	NNW	1	0	29	-1		37	+4	17	-2	—	—	0	393	465	2
EGYPT and SUDAN	Merowe مروى	1006.4	-1.9	-2.1	SE	3	0	32.0	-1.0	+0.2	44	+3	27	+1	49	+8	0	470	25	—
	Atbara عطبرة	1009.6	-1.2	+1.4	SW	2	2	33.0	+5.5	+2.1	36	-4	25	0	80	-10	0	71	62	—
	Kassala كسلا	1009.3	-2.9	-2.3	—	0	5	24.5	-1.5	-2.0	30	-4	21	-1	87	+18	4	156	237	—
	El Obeid الابيض	1009.0	-1.7	-28	SW	2	4	23.3	-4.2	-2.0	34	+1	20	-1	93	+17	3	187	235	—
	Malakal الملك	1011.2	-2.1	-1.4	SE	1	3	23.5	-2.5	-1.2	29	-2	22	+1	92	+8	29	455	673	—
	Wau واو	1011.1	-1.6	-0.3	SW	5	4	22.6	-1.4	-1.4	32	0	21	+1	91	+7	14	697	891	—
	Juba جوبا	1013.1	-0.5	—	NW	2	3	22.5	-1.3	—	32	—	20	—	84	—	14	807	754	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 27

" " sunset 18 27

From Observations taken at 8h. to-day.

Monday 24th August, 1931 ١٩٣١ الاثنين ٢٤ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st October	Rainfall: Total same date last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	~~1012.2~~ 1011.0	+3.4	+0.4	NNW	2	2	25.2	-0.9	-0.6	30		20		68	-4	0	57	101	3
	MATRUH	1011.0	+2.7	-0.3	—	0	0	26.0	-0.8	+0.3	29	+1	21	0	82	+4	0	179	158	0
	ALEXANDRIA	1010.4	+2.4	-0.9	—	0	2	27.1	+0.4	+0.4	32	+1	23	0	75	+4	0	96	190	0
	PORT SAID	1010.2	+2.8	+1.0	SSW	1	2	28.3	+0.6	+0.8	32	+1	24	+1	75	+4	0	62	82	1
	GAZA	—	—	—	SW	1	0	26.6	-0.2	-1.1	32	+2	20	0	70	-1	0	251	376	
	HAIFA	1007.2	+2.4	-0.2	—	0	0	30.9	+0.5	+1.6	34	+3	26	+4	65	-3	0	665	648	1
LOWER EGYPT	TANTA	1010.2	+3.1		WNW	1	1	26.5	+1.5		36		21		80		0	35		
	ZAGAZIG EZBEKIYA	1009.8	+2.0	-0.7	NNW	2	0	25.8	-0.2	+0.4	36	+2	21	0	81	+5	0	17	34	
	GIZA	1009.9	+2.1	-0.8	N	2	0	26.4	+2.3	—	36	+2	20	+1	76	—	0	21	31	
	ZAGAZIG	1009.4	+2.2	-1.2	NNE	1	0	28.7	+4.2	+3.9	36	+2	22	+1	36	-32	0	19	35	
	SIWA	1011.1	+1.8	-0.4	—	0	0	26.8	-0.4	+1.0	39	+2	21	+1	61	0	0	38	7	
RED SEA	SUEZ	1008.6	+2.2	-1.2	N	4	0	27.2	+0.2	+1.2	36	0	21	-2	61	-15	0	28	26	3
	TOR	1007.5	+2.2	+0.6	NW	4	0	29.7	-0.3	+1.2	36	+2	23	-1	80	+6	0	11	14	4
	HURGHADA	1007.9	+2.9		NNW	6	0	31.8	+0.5		36		23		30		0	0		3
	QOSSEIR	1007.6	—		NW	4	0	33.2	—		35		28		32		0	15		2
[illegible]	[illegible]	1010.8	+2.5	-0.2	N	2	0	27.2	+1.2	+0.4	38	+2	23	+3	68	+5	0	17		
	MINIA	1009.3	+2.3		NNE	2	0	26.7	+0.7	+0.8	36	+1	21	0	72	+2				
	[illegible]	1009.5	+2.1	0.0	WNW	2	0	27.2	-0.2	+0.3	38	+2	23	0	51	-8	0	7		
	[illegible]	1008.2	+2.6		NNW	2	0	29.5	+0.3	-1.2	44	+5	26	+3	33	-14				
	[illegible]	1007.5	+1.3		NNE	1	0	32.8	+1.8		41		23		24		0	1		
	[illegible]	1006.8	+2.5	-1.3	—	0	0	32.5	-0.9	+1.2	45	+4	27	+2	41	+7				
[illegible]	WADI HALFA	1006.8	+2.0	-2.1	—	0	0	32.0	+1.8	+2.3	44	+4	25	+2	20	-11				
[illegible]	[illegible]	1010.6	—	+2.4	SW	2	1	30.0	-1.0	-1.0	37	-3	26	+1	41	+1	0	71	65	
	[illegible]	1010.6	+1.8	+1.2	SSE	2	3	26.1	+0.5	-1.5	4	—	23	-2	84	+18	8	181	116	
	[illegible]	1006.6	+0.2	+0.2	E	3	0	34.1	+0.1	-1.5	40	0	29	+1	49	+6	0	112	121	3
	[illegible]	1009.4	—	-2.4	NNE	1	2	25.5	+1.0	+1.8	28	-4	22	+1	80	-1	1	555	573	
	[illegible]	1005.6	+1.3		WSW	1	2	23.5	-2.5	-0.9	38	+5	22	+2	75	+5	0	219	256	
	[illegible]	1009.8	+1.6	-2.0	SW	2	4	24.5	-0.9	-0.8	33	0	21	0	92	+17	4	191	242	

Upper Wind Observations at Helwan at 8 h 45

Height in Metres	Wind Speed in Knots	Direction
500	20	NE
1000	15	N
1500	20	N
2000	5	NW
3000	10	SW

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

توقع لغاية الظهر من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	80	+10	24.9	+2.6
Ezbekiya	61	-2	23.3	+0.5
Giza	71	+7	22.6	—
Helwan	47	-5	20.4	+0.3

NOTE A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
23.8	7828	8657
22.8	7706	9224

GAUGE	Date 1931	Reading m	Diff from normal m	Previous Reading m	Rise m
Juba	23.8	14.34	+0.68	14.02	+0.26
Nasser	23.8	9.73	-0.17	9.73	-0.16
Malakal	23.8	11.69	-0.14	11.68	-0.14
Roseires	24.8	19.12	-0.09	19.05	-0.18
Sennar Res.	23.8	17.20	—	17.20	—
Makwar	23.8	11.31	-0.95	11.44	-0.80
Khartoum	23.8	15.34	-0.28	15.32	-0.28
Kh. el Girba	22.8	14.18	-0.07	13.96	-0.34
Atbara	23.8	15.08	+0.11	15.11	+0.16
Wadi Halfa	24.8	7.53	+0.08	7.56	+0.13
Aswan Res.	23.8	98.01	—	97.90	—
" D.S.	23.8	91.80	+0.28	91.73	+0.25
El Leithi	24.8	22.27	+0.27	22.12	+0.17
Roda (Cairo)	24.8	18.20	+0.10	18.05	-0.02

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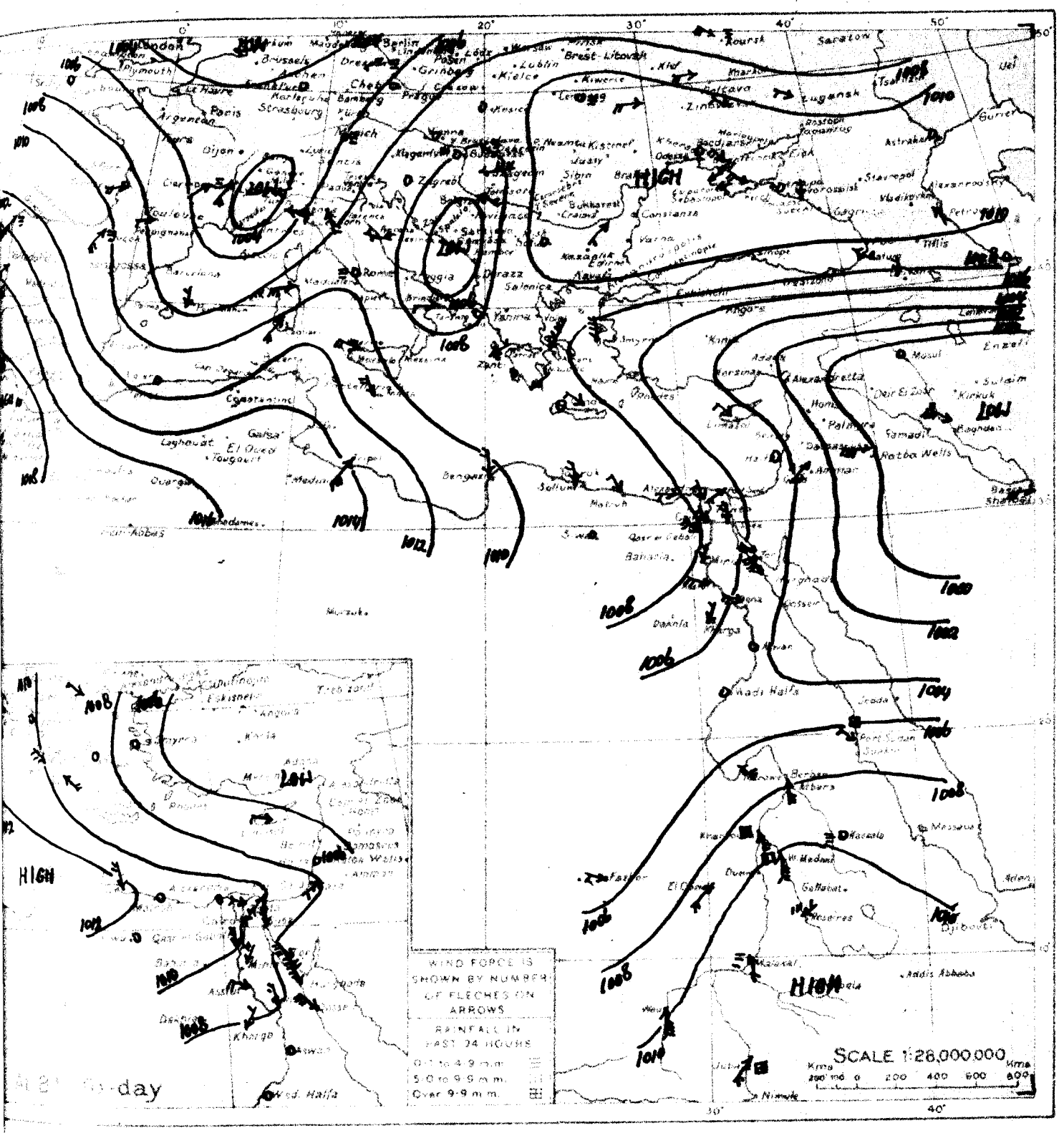
PHYSICAL DEPARTMENT.

REPORT.

٢٣-٨-٣١ Barometer and Wind at 8 h. Yesterday 23.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٣-٨-٣١ From Observations taken at 8 h yesterday 23.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.6	-2.3	-5.6	—	0	4	20	0	—	28	—	17	—	60	—	1	—	741	—
	MALTA	1011.7	-1.5	-5.3	NW	2	0	24	0	—	26	-4	21	-1	70	—	0	338	430	2
	ATHENS	1008.0	+2.1	-5.2	NNE	4	0	27	-1	—	—	—	—	—	40	—	—	—	376	—
	CANDIA	1008.6	+1.0	-4.2	NW	1	0	29	-3	—	33	+5	20	-2	—	—	0	519	462	1
	LIMASSOL	1004.3	+1.2	-4.4	NW	1	0	28	-1		33	0	19	0	—	—	0	393	465	0
EGYPT and SUDAN	Kassala كسلا	1009.4	+0.1	-2.2	—	0	5	24.0	-0.5	-2.5	33	-1	21	-1	91	+22	1	157	240	—
	El Obeid الابيض	1008.2	-0.8	-3.6	SW	2	4	25.4	+2.1	+0.1	28	-5	21	0	87	+12	0	187	238	—
	Wau واو	1009.1	-2.0	-2.3	S	5	4	24.3	+1.7	+0.2	28	-4	22	+2	85	+1	0	697	898	—
	Juba جوبا	1010.2	-2.9	—	SSW	2	3	22.3	-0.2	—	30	—	19	—	93	—	17	624	757	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise h. 05 m. 28

" " sunset h. 18 m. 26

From Observations taken at 8 h. to-day.

Tuesday 25th August, 1931 ١٩٣١ الثلاثاء ٢٥ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m	m.m	
MEDITERRANEAN	SOLLUM	1013.1	+0.9	+1.2	WNW	2	3	25.2	0.0	-0.6	30	—	21	—	74	+2	0	57	101	3
	MATROUH	1012.4	+1.4	+1.0	NNW	2	0	26.4	+0.4	+0.7	28	0	22	+1	84	+6	0	179	158	1
	ALEXANDRIA	1011.8	+1.4	+0.4	NNW	1	2	26.0	-1.1	-0.6	31	0	24	+1	75	+4	0	96	190	1
	PORT SAID	1010.7	+0.5	+1.4	NW	2	1	28.4	+0.1	+0.9	32	+1	24	+1	56	-15	0	62	82	1
	GAZA	—	—	—	—	0	0	27.3	+0.7	-0.4	33	+3	21	+1	74	+3	0	251	376	—
	HAIFA	1007.6	+0.4	+0.1	SW	1	1	30.8	-0.1	+1.5	34	+3	25	+3	65	-3	0	665	648	3
LOWER EGYPT	TANTA	1011.6	+1.4	—	WSW	1	0	26.4	-0.1	—	37	—	20	—	72	—	0	35	—	—
	CAIRO: EZBEKIYA	1011.4	+1.6	+0.8	NNE	3	0	26.2	+0.4	+0.9	36	+2	22	+1	69	-7	0	17	34	—
	CAIRO: GIZA	1011.6	+1.7	+0.8	N	2	0	25.5	-0.9	—	38	+4	22	+3	71	—	0	21	31	—
	CAIRO: HELWAN	1010.8	+1.4	+0.1	NNE	2	0	25.8	-2.9	+1.1	37	+3	22	+1	64	-4	0	19	35	—
	SIWA	1013.9	+2.8	+2.4	—	0	0	24.5	-2.3	-1.2	39	+2	21	+1	76	+15	0	38	7	—
RED SEA	SUEZ	1009.6	+1.0	-0.3	N	4	0	27.0	-0.2	+1.1	36	0	24	+1	72	-4	0	28	26	3
	TOR	1007.9	+0.4	+0.9	NW	5	0	30.2	+0.5	+1.7	35	+2	28	+4	77	+3	0	11	14	5
	HURGHADA	1008.0	+0.1	—	NW	6	0	31.8	0.0	—	37	—	24	—	36	—	0	0	—	3
	QOSSEIR	1007.9	+0.3	—	N	5	0	32.2	-1.0	—	36	—	29	—	48	—	0	15	—	4
UPPER EGYPT	GEBEL	1012.3	+1.5	+0.7	N	3	0	27.0	-0.2	+0.3	37	+1	23	+3	57	-6	0	17		
	MINIA	1010.6	+1.3	—	NNE	2	0	27.0	+0.3	+1.1	38	+3	22	+1	77	+6				
	ASYUT	1010.7	+1.2	+1.1	WSW	3	0	29.0	+1.8	+2.2	39	+4	24	+1	48	-11	0	7		
	QENA	1008.7	+0.5	—	WNW	2	0	29.7	+0.2	-0.9	44	+5	25	+2	37	-11				
	KHARGA	1009.4	+1.9		—	0	0	31.5	-1.3	—	42	—	25		32	—	0	1		
	ASWAN	1007.9	+1.1	-0.3	N	1	0	33.0	+0.5	+1.8	45	+4	30	+5	18	-16	—	—	—	
SUDAN	WADI HALFA	1007.6	+0.8	-1.4	—	0	2	32.4	+0.4	+2.7	45	+5	28	+5	32	+1				
	KERMA	1007.9	-0.7	-0.7	SE	1	0	31.0	0.0	-0.9	41	+1	28	+2	59	+19	0	470	27	
	KHARTOUM	1011.8	+1.2	+2.4	S	3	3	26.2	+0.1	-1.5	34	-4	24	-1	83	+17	1	182	118	
	PORT SUDAN	1006.3	-0.3	-0.2	SW	1	0	38.3	+4.2	+2.7	39	-1	31	+4	31	-13	0	112	121	1
	ASSUAN																			
	WADI MEDANI																			
	PORT TEWFIK																			
	EL TAKKER																			
	EL DUEIM																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Air Observations at Helwan at h. 8 m. 30

Height	Speed	Direction
500	25	N
1000	25	N
1500	20	NNW
2000	20	N
3000	20	N

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

التنبؤ لمدة ٢٤ ساعة من نصف النهار الى نظيره غدا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	72	+2	23.7	+1.5
Ezbekiya	68	+5	24.1	+1.3
Giza	66	+2	23.7	—
Helwan	33	-19	20.0	0.0

NOTE. A dash means that figures are not available

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Remarks

* Kh. el Girba River Gauge Readings for (7, 9 & 10) - 7 - 31 published on 10 - 13 July 1931 should read 11.50, 11.70 & 11.90 m. instead of 11.30, 12.70 & 11.80 m. respectively.

ملاحظة: صحة قراءات النيل بمقياس خشم القربة عن الايام ٧ و ٩ و ١٠ يوليه ١٩٣١ المذكورة بتقارير الايام ١٠ - ١٣ يوليه ١٩٣١ هي ١١,٥٠ و ١١,٧٠ و ١١,٩٠ م بدلا من ١١,٣٠ و ١٢,٧٠ و ١١,٨٠ م على الترتيب

Discharges at Aswan measured by sluices m.3 per sec.	1931	1930
DATE		
25.8	7907	7654
24.8	7937	8103

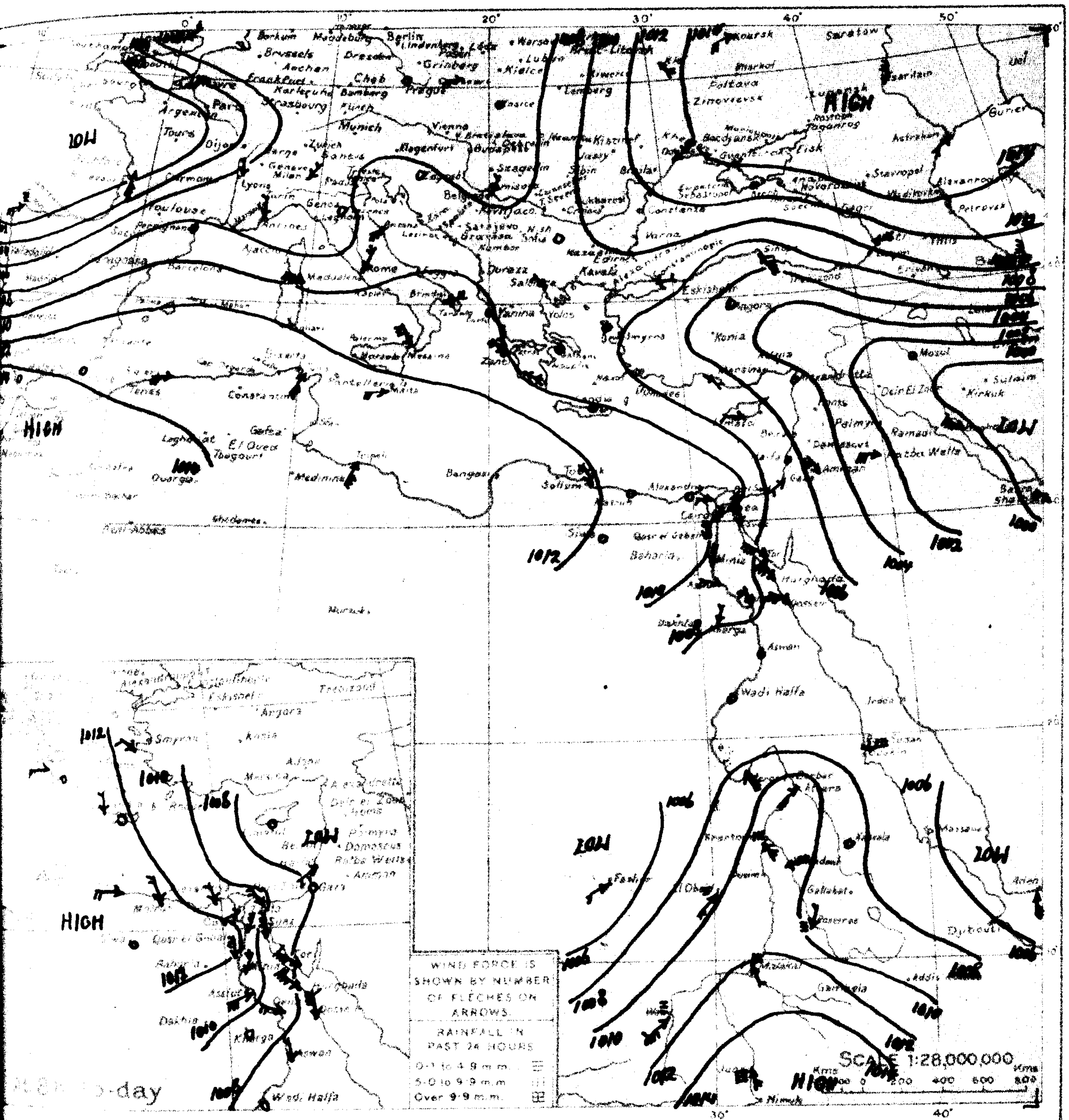
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	24.8	14.60	+0.84	14.34	+0.58
Nasser	24.8	9.74	-0.18	9.73	-0.17
Malakal	24.8	11.70	-0.14	11.69	-0.14
Roseires	25.8	19.62	+0.44	19.12	-0.07
Sennar Res.	24.8	17.20	—	17.20	—
Makwar	24.8	11.35	-0.92	11.31	-0.95
Khartoum	24.8	15.34	-0.30	15.34	-0.28
Kh. el Girba	22.8	14.18	-0.07	13.97	-0.34
Atbara	24.8	15.36	+0.36	15.08	+0.11
Wadi Halfa	25.8	7.55	+0.06	7.53	+0.00
Aswan Res.	25.8	98.08	—	98.12	—
" D.S.	25.8	91.84	+0.24	91.85	+0.29
El Leithi	25.8	22.39	+0.32	22.27	+0.27
Roda (Cairo)	25.8	18.99	+0.13	18.20	+0.10

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-٢٤ Barometer and Wind at 8 h. Yesterday 24.8.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٨-٢٤ From Observations taken at 8 h yesterday. 24.8.31.

		BAROMETER			WIND			TEMPERATURE							HUMIDITY		RAINFALL			
	Station	Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force	SKY	At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.1	-0.5	-6.1	NE	2	4	23	+3	—	26	—	19	—	60	—	—	—	742	—
	MALTA	1012.1	+0.4	-4.9	W	2	0	26	+2	—	28	-2	22	0	70	—	0	338	430	1
	ATHENS	1008.6	+0.6	-4.8	—	0	0	26	-1	—	—	—	22	+1	60	—	—	—	376	—
	CANDIA	1010.2	+1.6	-2.8	—	0	0	29	0	—	31	+3	20	-2	—	—	0	519	462	1
	LIMASSOL	1007.0	+2.7	-1.8	WNW	1	0	29	+1		33	0	21	+2	—	—	0	353	465	1
EGYPT and SUDAN	Merowe مروى	1008.6	+2.0	+0.1	SE	3	0	31.0	0.0	-0.8	40	-1	28	+2	50	+18	0	470	26	—
	Kassala كسلا	1009.3	-0.1	-2.3	—	0	0	29.0	+5.0	+2.4	31	-3	23	+1	71	+2	0	157	244	—
	Wad Medani ود مدني	1010.6	+0.3	0.0	E	3	1	26.5	+1.5	+0.7	31	-2	22	+1	80	+11	0	308	294	—
	Malakal ملكال	1012.8	+2.2	+0.2	SSE	1	4	24.0	0.0	-0.8	31	0	21	0	89	+6	7	462	665	—
	Wau واو	1010.8	+1.7	-0.6	SW	5	4	23.0	-1.3	-1.1	31	-1	22	+2	96	+12	2	699	905	—
	Juba جوبا	1014.3	+4.1	—	SSE	2	3	21.4	-0.9	—	31	—	19	—	97	—	21	845	760	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 29m

" " sunset 18h 25m

From Observations taken at 8h. to-day.

Wednesday 26th August, 1931 — ١٩٣١ الاربعاء ٢٦ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st this year	Rainfall: Total from Oct. 1st last year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.6	+0.5	+1.6	NW	2	2	26.1	+0.9	+0.4	30	—	21	—	72	0	0	57	101	3
	MATRUH	1011.1	-1.3	-0.4	NNW	1	0	26.0	-0.4	+0.3	28	0	21	0	87	+9	0	179	158	1
	ALEXANDRIA	1010.3	-1.5	-1.3	NW	2	0	26.8	+0.8	+0.2	31	0	24	+1	78	+7	0	96	190	1
	PORT SAID	1009.5	-1.2	+0.1	WNW	2	1	26.9	-1.5	-0.6	32	+1	24	+1	76	+5	0	62	82	1
	GAZA	—	—	—	—	0	0	26.9	-0.4	-0.7	31	+1	22	+2	65	-6	0	251	376	
	HAIFA	1006.8	-0.8	-0.8	—	0	1	29.7	-1.1	+0.5	35	+4	26	+4	71	+3	0	665	648	1
LOWER EGYPT	TANTA	1010.3	-1.3	—	SW	1	2	25.9	-0.5	—	35	—	21	—	82	—	0	35	—	
	CAIRO / EZBEKIYA	1009.9	-1.5	-0.9	NNE	2	3	25.0	-1.2	-0.2	34	0	22	+1	76	0	0	17	34	
	CAIRO / GIZA	1010.2	-1.4	-0.7	NNE	1	3	24.9	-0.6	—	34	+1	19	0	84	—	0	21	31	
	CAIRO / HELWAN	1010.2	-0.6	-0.6	NW	2	2	24.2	-1.6	-0.5	33	-1	20	-1	76	+8	0	19	35	
	SIWA	1012.6	-1.3	+1.0	—	0	4	24.2	-0.3	-1.5	37	0	21	+1	91	+30	0	38	7	
RED SEA	SUEZ	1008.8	-0.8	-1.2	N	2	0	25.5	-1.5	-0.3	35	0	22	-1	75	-1	0	28	26	3
	TOR	1007.0	-0.9	0.0	NW	3	0	30.0	-0.2	+1.6	35	+2	24	0	71	-3	0	11	14	3
	HURGHADA	1006.8	-1.2	—	NNW	6	0	30.3	-1.5	—	37	—	25	—	52		0	0		3
	QOSSEIR	1007.1	-0.8	—	N	5	0	31.3	-0.9	—	36	—	28	—	49		0	15	—	4
UPPER EGYPT	GEBALI	1011.0	-1.3	-0.2	N	2	0	26.0	-1.0	-0.7	36	0	21	+1	67	+3	0	17		
	MINYA	1010.0	-0.6	—	N	2	0	25.5	-1.5	-0.3	35	0	21	0	76	+5				
	ASSIUT	1010.0	-0.7	+0.3	WNW	2	0	27.2	-1.8	+0.5	37	+2	22	-1	59	0	0	7		
	SOHAG	1007.8	-0.9		W	2	0	29.6	-0.1	-1.0	43	+4	25	+2	37	-11				
	KHARGA	1008.4	-1.0	—	—	0	0	30.0	-1.5	—	41	—	21	—	38		0	1		
	ASWAN	1008.0	+0.1	-0.3	—	0	0	32.3	-0.7	+1.1	43	+2	28	+3	37	+3				
	WADI HALFA	1007.8	+0.2	-1.3	—	0	0	33.8	+1.4	+4.2	43	+3	27	+4	42	+11				
	MEROWE																			
	ATBARA																			
	KHARTOUM	1010.8	-1.0	+1.4	SSW	2	3	27.0	+0.8	-0.7	34	-4	24	-1	76	+9	0	182	121	
	PORT SUDAN	1005.1	-1.2	-1.5	W	8	1	36.2	-2.1	+0.7	43	+3	31	+4	32	-12	0	112	121	8
	KASSALA	1009.0	-3.0	-2.6	SW	9	1	27.0	+3.0	+0.3	31	-3	23	+1	77	+8	0	165	252	
	WAD MEDANI	1011.2	-1.8	+0.6	E	2	1	27.0	+1.0	+1.2	32	-3	21	0	69	+1	0	308	304	
	ROSEIRES	1009.4	-2.5	-2.4	NE	1	2	25.0	+3.0	+1.3	28	-4	21	0	84	+3	1	559	587	
	EL FASHER	1007.1	-0.1	—	WNW	1	0	25.0	+1.0	+0.6	34	0	22	+2	84	+14	1	235	266	
	EL OBEID	1008.8	-2.3	-3.0	SW	2	1	28.0	+3.4	+2.6	32	-1	21	0	79	+4	0	192	250	
	WAU	1011.9	-1.5	-0.6	ESE	1	4	24.1	-0.4	-0.8	31	0	22	+1	88	+5	tr.	462	697	
	JUBA	1011.8	-1.8	—	W	3	3	22.7	-0.4	—	29	—	19	—	96	—	0	846	766	

Upper Wind Observations at Helwan at 8h 45m

Height in Metres	Speed in Knots per hour	Direction
500	10	N
1000	30	N
1500	15	NNE
2000	15	N
3000	20	NE

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	80	+10	24.1	+1.9
Ezbekiya	60	-3	23.3	+0.5
Giza	60	-4	22.3	—
Helwan	54	+2	21.1	+1.1

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m3 per sec.

DATE	1931	1930
26.8	7927	7545
25.8	7907	7654

GAUGE	Date	Reading	Diff from normal	Reading	Diff from normal
	1931	m.	m.	m.	m.
Juba	25.8	15.12	+1.35	14.60	+0.84
Naser	24.8	9.74	-0.18	9.73	-0.17
Malakal	25.8	11.70	-0.15	11.70	-0.14
Roseires	26.8	20.09	+0.95	19.62	+0.44
Sennar Res.	24.8	17.20	—	17.20	—
Makwar	24.8	11.35	-0.92	11.31	-0.95
Khartoum	26.8	15.30	-0.37	15.30	-0.36
Kh. el Girba	23.8	14.32	+0.12	14.18	-0.07
Atbara	25.8	15.16	+0.15	15.36	+0.36
Wadi Halfa	26.8	7.61	+0.09	7.55	+0.06
Aswan Res.	26.8	98.10	—	98.08	—
" D.S.	26.8	91.83	+0.18	91.84	+0.24
El Leithi	25.8	22.39	+0.32	22.27	+0.27
Roda (Cairo)	26.8	18.38	+0.18	18.29	+0.13

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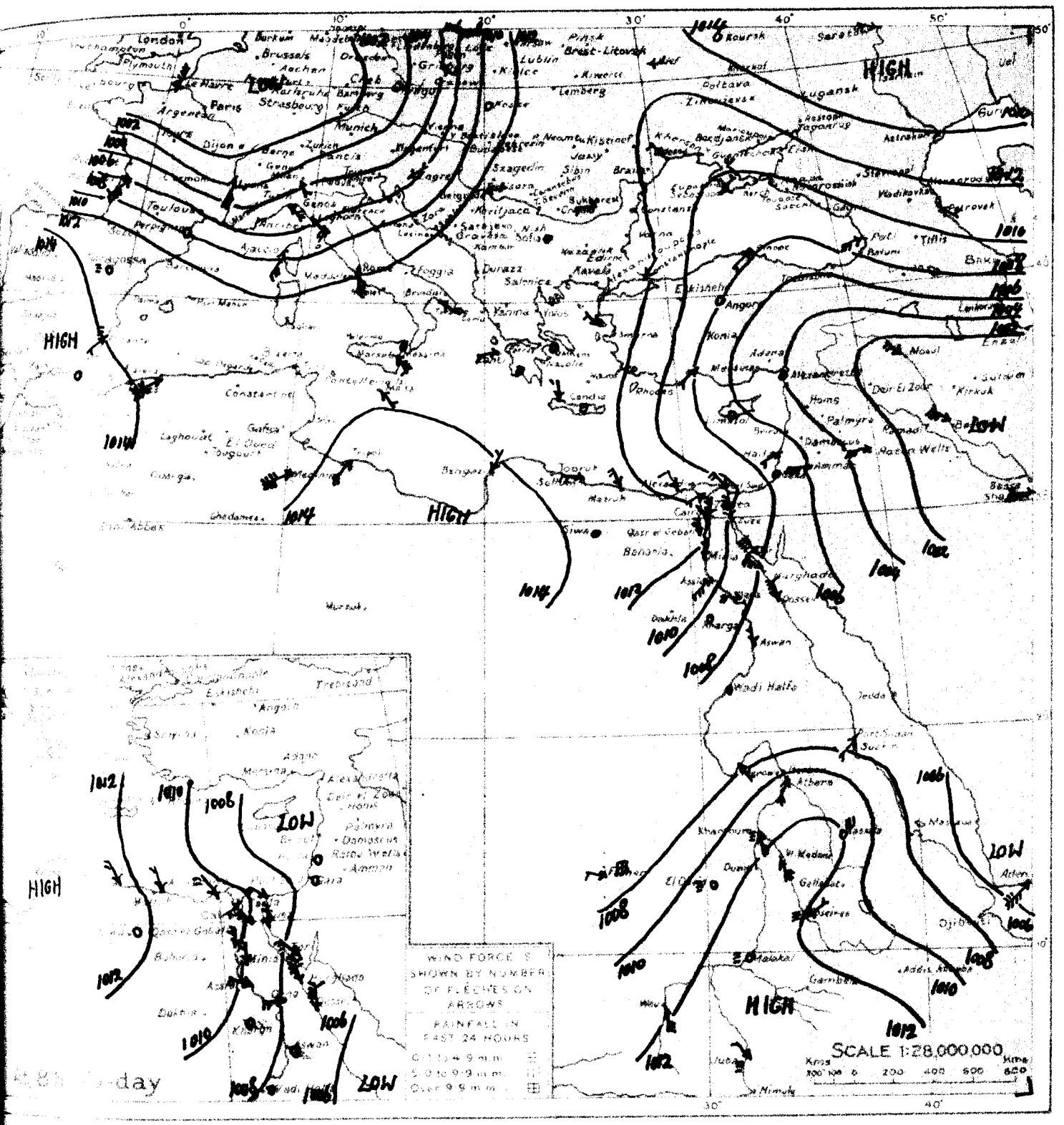
PHYSICAL DEPARTMENT.

REPORT.

.٢١-٨-٢٥ Barometer and Wind at 8 h. Yesterday 25.8.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٨-٢٥ From Observations taken at 8 h yesterday. 25.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct 1st to yesterday	Normal from Oct 1 to yesterday	
		m.b	m.b	m.b				°C.	°C.	°C	°C	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.0	+1.9	-4.4	S	4	2	27	+4	—	29	—	22	—	50	—	—	—	743	—
	MALTA	1013.8	+1.7	-3.3	SE	1	0	26	0	—	29	-1	22	0	70	—	0	338	430	1
	ATHENS	1012.2	+3.6	-1.3	—	0	0	26	0	—	—	—	—	—	50	—	—	—	377	—
	LARNACA	1012.7	+2.5	-0.4	—	0	0	27	-2	—	31	+3	20	-2	—	—	0	519	462	1
	DIMASSOL	1007.1	+0.1	-1.9	—	0	0	28	-1		33	+1	18	-1	—	—	0	393	465	0
EGYPT and SUDAN	Atbara عطبرة	1010.3	-0.3	+2.1	SSW	2	1	28.5	+1.5	-2.6	37	-3	27	+2	55	+15	0	71	67	—
	Kassala كسلا	1012.0	+2.7	+0.4	—	0	5	24.0	-5.0	-2.6	34	0	22	0	91	+22	8	165	248	—
	Wad Medani ود مدني	1013.0	+2.4	+2.4	S	3	1	26.0	-0.5	+0.2	33	-2	23	+2	76	+8	0	308	298	—
	Roseires الروصيرص	1011.9	+2.5	+0.1	ENE	1	4	22.0	-3.5	-1.7	32	0	22	+1	91	+10	3	556	548	—
	El Fasher الفاشر	1007.2	+1.6	—	WNW	1	3	24.0	+0.5	-0.4	35	+1	22	+2	87	+17	15	234	261	—
	El Obeid الأبيض	1011.1	+1.3	-0.7	—	0	4	24.6	+0.1	-0.8	31	-2	21	0	87	+12	tr.	192	246	—
	Malakal الملاكل	1013.4	+0.6	+0.9	—	0	2	24.5	+0.5	-0.4	29	-2	22	+1	88	+5	tr.	462	691	—
	Wau واو	1011.4	+0.6	0.0	S	3	1	26.0	+3.0	+1.9	30	-2	23	+3	80	+4	1	699	913	—
	Juba جوبا	1013.6	-0.7	—	NW	1	3	23.1	+1.7	—	27	—	20	—	96	+7	1	846	763	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 4h 45m 29s

" " sunset 18h 24m

From Observations taken at 8h. to-day.

Thursday 27th August, 1931 ١٩٣١ الخميس ٢٧ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Max.	Temperature: Diff from normal	Temperature: Min.	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Sept.	Rainfall: Total last year to date	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.4	-3.2	-1.7	NNW	3	0	27.1	+1.0	+1.4	31	—	22	—	68	-4	0	57	101	4
	MATRUH	1007.9	-3.2	-3.7	NW	2	3	26.0	0.0	+0.3	28	0	22	+1	85	+7	0	179	158	2
	ALEXANDRIA	1008.2	-2.1	-3.6	W	1	1	27.0	+0.2	+0.4	31	0	24	+1	76	+5	0	96	190	1
	PORT SAID	1007.4	-2.1	-2.1	WNW	1	2	27.6	+0.7	+0.1	33	+2	23	0	79	+8	0	62	82	1
	GAZA	—	—	—	ESE	1	2	27.8	+0.9	+0.2	31	+1	21	+1	70	-1	0	251	376	
	HAIFA	1005.4	-1.4	-2.3	—	0	0	30.9	+1.2	+1.7	35	+4	26	+4	82	+14	0	665	648	1
LOWER EGYPT	TANTA	1008.7	-1.6		WSW	1	4	23.7	-2.9		36		20		72		0	35		
	CAIRO: EZZEKIYA	1008.0	-1.9	-2.9	NW	2	3	25.0	0.0	-0.1	35	+1	22	+1	82	+6	0	17	34	
	CAIRO: GIZA	1008.3	-1.9	-2.7	N	2	4	24.0	-0.9	—	34	+1	18	—	86	—	0	21	31	
	CAIRO: HELWAN	1007.9	-2.3	-3.0	NW	1	0	24.7	+0.5	0.0	34	0	21	0	71	+3	0	19	35	
	SIWA	1009.9	-2.7	-1.8	—	0	0	26.1	+1.9	+0.5	38	+1	21	+1	56	-5	0	38	7	
RED SEA	SUEZ	1006.4	-2.4	-3.7	N	2	0	26.0	+0.5	+0.2	36	+1	24	+1	84	+8	0	28	26	1
	TOR	1005.9	-1.1	-1.2	NW	1	0	30.0	0.0	+1.6	33	0	22	-2	78	+4	0	11	14	1
	HURGHADA	1005.6	-1.2	—	NW	5	0	31.3	+1.0	—	35	—	24		45	—	0	0		2
	QOSSEIR	1004.8	-2.3	—	NNW	4	0	32.3	+1.0	—	34	—	27	—	49	—	0	15		3
UPPER EGYPT	GEBALI	1009.1	-1.9	-2.2	NW	1	0	27.0	+1.0	+0.4	37	+1	21	+1	66	+2	0	17		
	MINIA	1006.8	-3.2		NNE	2	0	26.5	+1.0	+0.8	35	0	22	+1	79	+8				
	ASSIUT	1007.9	-2.1	-1.9	W	2	0	27.6	+0.4	+1.0	37	+2	24	+1	58	-2	0	7		
	QENA	1006.6	-1.2	—	WSW	2	0	29.9	+0.3	-0.6	42	+3	25	+2	32	-16				
	KHARGA																			
	ASWAN	1006.6	-1.4	-1.7	—	0	0	32.0	-0.3	+1.0	41	0	25	0	33	-1				
SUDAN	WADI HALFA	1007.0	-0.8	-2.1	—	0	0	30.8	-3.0	+1.3	42	+2	24	+1	30	-1				
	MEROWE	1008.0	-2.2	-0.7	SE	1	0	32.0	+4.5	0.0	41	+1	26	0	54	+14	tr.	472	28	
	KHARTOUM	1010.0	-0.8	+0.6	SSW	2	1	26.4	-0.6	-1.4	35	-3	24	-1	73	+7	1	183	123	
	FORT ELDAR	1006.0	+0.9	-0.7	NW	3	0	37.4	+1.2	+2.0	41	+1	31	+4	32	-12	0	112	121	3
	KASSALA	1010.7	+1.7	-0.8	SW	1	[illegible]	23.0	-4.0	-3.7	34	0	22	0	91	+22	0	165	256	
	WAD MEDANI	1010.7	-0.5	+0.1	E	4	2	24.0	-3.0	-1.9	35	0	22	+1	83	+15	0	308	309	
	ROSEIRES	1011.2	+1.8	-0.5	NNE	1	3	23.5	-1.5	-0.2	28	-4	22	+1	87	+6	41	600	594	
	EL DUEIM	1006.6	-0.5		ESE	1	4	23.0	-2.0	-1.5	33	-1	21	+1	83	+13	6	241	271	
	EL OBEID	1010.3	+1.5	-1.5	SW	3	4	25.0	-3.0	-0.4	33	0	21	0	90	+15	1	193	253	
	KORDOFAN																			
	FASHER																			
	KORA																			

Upper Air Observations at Helwan at 8h 30m

Height	Wind Force	Wind Direction
500	15	NE
1000	5	NE
1500	10	NNE
2000	20	NE
3000	10	NE

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	82	+13	24.9	+2.8
Ezbekiya	62	-1	23.3	+0.6
Giza	68	+4	23.2	—
Helwan	57	+4	22.0	+2.1

NOTE. A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

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

DATE	1931	1930
27.8	7978	7584
26.8	7927	7645

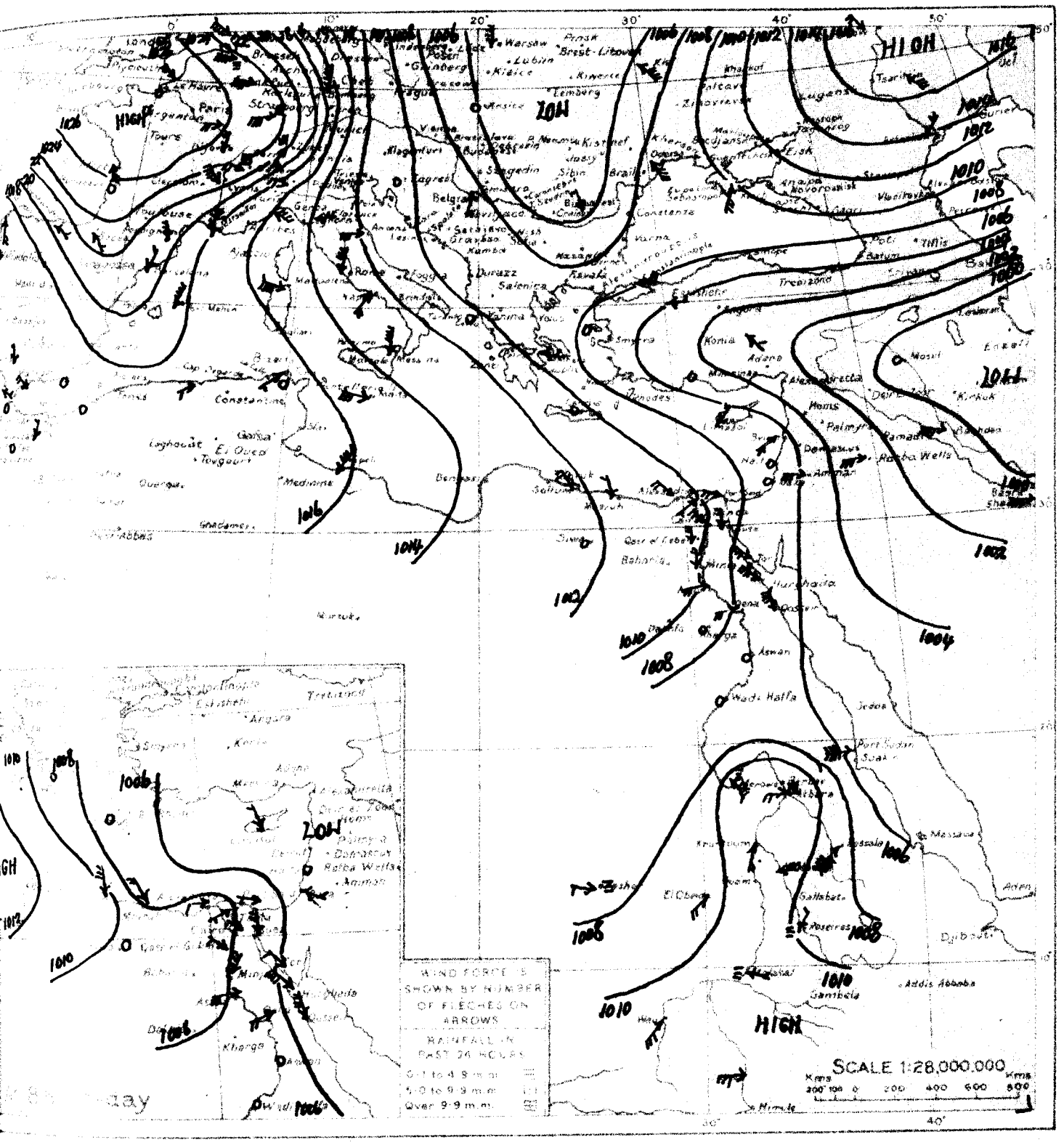
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Height of water above datum m.	Diff. from yesterday m.
Juba	26.8	14.24	+0.46	15.12	+1.35
Nasser	25.8	9.76	-0.18	9.74	-0.18
Malakal	26.8	11.72	-0.14	11.70	-0.15
Roseires	26.8	20.09	+0.95	19.62	+0.44
Sennar Res.	26.8	17.19	—	17.21	—
Makwar	26.8	11.88	-0.35	11.57	-0.68
Khartoum	26.8	15.30	-0.37	15.30	-0.36
Kh. el Girba	25.8	14.58	+0.38	14.38	+0.18
Atbara	26.8	15.22	+0.20	15.16	+0.15
Wadi Halfa	27.8	7.68	+0.12	7.61	+0.09
Aswan Res.	27.8	98.15	—	98.10	—
" D.S.	27.8	91.85	+0.16	91.83	+0.18
El Leithi	27.8	22.60	+0.43	22.51	+0.39
Roda (Cairo)	27.8	18.46	+0.21	18.38	+0.18

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٦-٨-٣١ Barometer and Wind at 8 h. Yesterday 26.8.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٦-٨-٣١ From Observations taken at 8 h. yesterday 26.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOUDA	1012.4	+1.4	-3.0	NE	3	2	13	-4	—	30	—	19	—	60	—	—	—	744	—
	MALTA	1014.0	+0.2	-3.1	WNW	3	0	15	-1	—	31	+1	22	0	80	—	0	338	430	2
	ATHENS	1009.0	-3.2	-4.6	ESE	1	0	28	+2	—	—	—	—	—	40	—	—	—	377	—
	CANDIA	1010.8	-1.9	-2.4	—	0	0	31	+4	—	30	+2	20	-2	—	—	0	519	463	1
	LIMASSOL	1006.4	-0.7	-2.7	NE	1	0	29	+1		32	0	21	+2	—	—	0	393	465	2
EGYPT and SUDAN	Merowe مروى	1010.2	+2.3	+1.6	SE	5	4	27.5	-3.5	-4.4	45	+5	24	-2	67	+27	2	472	28	—
	Atbara عطبره	1011.8	+1.5	+3.6	W	2	2	26.0	-2.5	-5.1	37	-3	23	-2	66	+26	11	82	68	—
	Wau واو	1011.6	+0.2	+0.2	SW	3	2	22.5	-3.5	-1.6	32	0	21	+1	87	+3	0	699	920	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 30 m

" " sunset 18 h 23 m

From Observations taken at 8h. to-day.

Friday 28th August, 1931 ١٩٣١ الجمعة ٢٨ أغسطس

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum Yesterday	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. last year	Rainfall: Total since 1st Oct. this year	Sea
		m b	m b	m b				°C	°C	°C	°C	°C	°C	°C	%		m m	m m	m m	
MEDITERRANEAN	SOLLUM	1011.6	+1.2	-0.7	WNW	2	0	27.2	+0.1	+1.6	31	—	21	—	59	-13	0	57	101	3
	MATRUH	1009.0	+1.1	-2.7	NW	2	0	26.6	+0.6	+1.0	29	+1	22	+1	83	+5	0	179	158	2
	ALEXANDRIA	1009.4	+1.2	-2.5	SSW	1	3	27.1	+0.1	+0.5	32	+1	22	-1	77	+7	0	96	190	1
	PORT SAID	1009.0	+1.6	-0.7	NNW	1	0	29.0	+1.4	+1.5	32	+1	25	+2	71	0	0	62	82	1
	GAZA	—	—	—	—	0	0	27.9	+0.1	+0.3	32	+2	21	+1	79	+8	0	251	376	
	HAIFA	1006.3	+0.9	-1.5	—	0	0	29.8	-1.1	+0.6	34	+3	25	+3	70	+2	0	665	648	1
LOWER EGYPT	TANTA	1008.8	+0.1	—	NW	1	0	27.7	+4.7	—	36	—	21	—	67	—	0	35		
	EZBEKIYA	1008.8	+0.8	-2.2	NNW	1	0	27.0	+2.0	+2.0	35	+1	23	+2	74	-2	0	17	34	
	GIZA	1008.6	+0.3	-2.5	NNW	1	0	25.9	+1.9	—	35	+2	20	+1	82	—	0	21	31	
	HELWAN	1008.7	+0.8	-2.3	—	0	0	27.5	+2.8	+2.9	35	+1	23	+2	63	-5	0	19	35	
	SIWA	1010.4	+0.5	-1.3	—	0	0	26.6	+0.5	+1.1	39	+2	22	+2	76	+15	0	38	7	
RED SEA	SUEZ	1007.0	+0.6	-3.2	N	2	0	27.0	+1.0	+1.3	37	+2	23	0	66	-10	0	28	26	1
	TOR	1007.2	+1.3	0.0	NW	1	0	30.0	0.0	+1.7	35	+2	22	-2	71	-3	0	11	14	1
	HURGHADA	1007.1	+1.5	—	NNW	4	0	32.5	+1.2		35		24		44		0	0		2
	QOSSEIR	1006.8	+2.0	—	W	2	0	32.0	-0.3	—	36		28		49		0	15		1
SUDAN	KASSALA	1009.8	+0.7	-1.6	NW	1	0	28.0	+1.0	+1.5	37	+1	22	+2	63	-1	0	17		
	KHARTOUM	1008.8	+2.0		SE	1	0	26.0	-0.5	+0.3	36	+1	20	-1	59	-12				
	ATBARA	1009.6	+1.7	-0.3	SW	2	0	28.3	+0.7	+1.8	38	+3	22	0	38	-22	0	7		
	SENNAR	1008.7	+2.1	—	NW	2	0	29.0	-0.9	-1.4	42	+3	24	+1	40	-9				
	KOSSEIR	1008.7	+1.2		—	0	0	29.8	+0.5		39		23		32		0	1		
	WADI HALFA	1008.8	+2.2	+0.4	—	0	0	31.6	-0.4	+0.7	40	-1	26	+1	37	+3				
	SOUTHERN SUDAN																			
	WAU	1008.0	+1.0	-1.2	—	0	1	31.6	+0.8	+2.2	42	+2	28	+5	52	+21				
	ATBARA	1010.4	+2.4	+1.7	NE	1	0	30.0	-2.0	-2.0	44	+4	24	-2	65	+25	5	477	29	
	KHARTOUM	1011.1	+0.8	+2.9	S	2	1	29.0	-0.5	-2.3	34	-6	25	0	46	+7	2	84	71	
	KASSALA	1010.6	+0.6	+1.3	SSW	3	1	27.9	+1.5	0.0	34	-4	25	0	71	+5	0	183	125	
	PORT SUDAN																			
	KASSALA	1007.4	+1.4	+0.6	NW	5	0	38.1	+0.7	+2.8	43	+3	30	+3	26	-18	0	112	121	5
	MALAKAL	1010.0	-0.7	-1.5	—	0	1	28.5	+5.5	+1.8	33	-1	24	+2	70	+1	0	165	260	
	KODOK	1011.2	+0.5	+0.6	E	3	1	27.0	+3.0	+1.1	33	-2	22	+1	69	+1	0	308	314	
	RUMBEK	1010.2	-1.0	-1.5	NNE	1	2	24.5	+1.0	+0.7	30	-2	22	+1	87	+6	6	606	601	
	EQUATORIA																			
	EL FASHER	1008.3	+1.7		WSW	1	4	22.5	-0.5	-2.0	32	-2	21	+1	87	+18	3	244	276	
	EL OBEID	1011.4	+1.1	-0.4	WSW	1	2	25.7	+0.7	+0.2	31	-2	21	0	86	+11	3	196	257	
	MALAKAL	1013.6	+1.4	+1.6	—	0	4	24.4	+0.7	-0.6	28	-3	22	+1	88	+5	1	470	709	
	WAU	1012.7	+1.9	+1.3	W	2	2	25.0	+1.2	+0.8	31	-1	22	+2	82	-2	29	730	934	
	JUBA	1012.3	+1.1		NE	1	3	23.2	+0.2		29		19		92		33	885	772	

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	79	+10	24.6	+2.5
Ezbekiya	63	0	22.3	-0.4
Giza	62	-2	22.1	—
Helwan	46	-7	20.6	+0.7

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
28.8	8039	7246
27.8	7978	7584

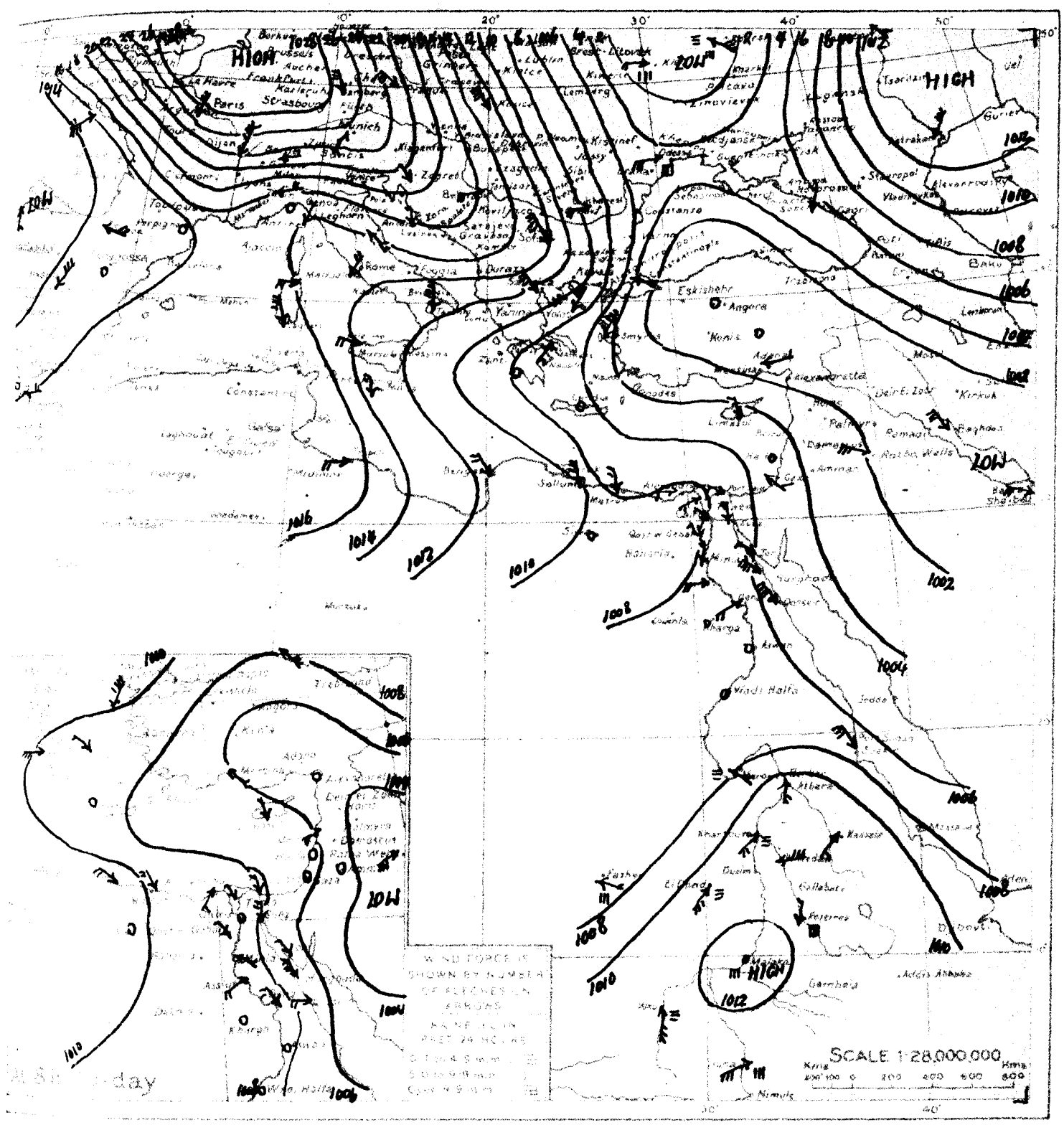
GAUGE	Date	Reading	Diff. from normal	Rise	
	1931	m	m	m	m
Juba	28.8	14.42	+0.63	14.20	+0.42
Nasser	27.8	9.80	-0.19	9.76	-0.21
Malakal	26.8	11.72	-0.14	11.70	-0.15
Rosaires	27.8	20.34	+1.26	20.09	+0.95
Sennar Res.	28.8	17.21	—	17.20	—
Makwar	28.8	12.76	+0.58	12.40	+0.19
Khartoum	27.8	15.38	-0.29	15.30	-0.37
Kh. el Girbd	26.8	14.58	+0.38	14.88	+0.18
Atbara	27.8	15.53	+0.50	15.22	+0.20
Wadi Halfa	27.8	7.68	+0.12	7.61	+0.09
Aswan Res.	28.8	98.21	—	98.15	—
" D.S.	28.8	91.89	+0.17	91.85	+0.16
El Leithi	27.8	22.60	+0.43	22.51	+0.39
Roda (Cairo)	27.8	18.46	+0.21	18.38	+0.18

PRINTED AT THE SURVEY OF EGYPT 1929(29/539/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٧-٨-٣١ Barometer and Wind at 8 h. Yesterday 27.8.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Haziness	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٧-٨-٣١ From Observations taken at 8 h yesterday 27.8.31.

	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MALTA	1014.7	+2.3	-0.7	NE	2	0	22	-1	—	29	—	17	—	60	—	—	—	745	—
CORFU	1013.9	-0.1	-3.2	NNW	2	0	24	-1	—	29	0	21	-1	60	—	0	338	431	2
ATHENS	1007.4	-1.6	-6.4	SW	1	0	28	0	—	—	—	—	—	40	—	—	—	377	—
CANDIA	1007.2	-3.6	-6.0	—	0	0	31	0	—	32	+4	22	0	—	—	0	519	463	1
S. MASSOL	1005.0	-1.4	-4.2	NNW	1	0	27	-2		34	+2	18	-1	—	—	0	393	465	2
Kharga	1007.5	-0.9	—	—	0	0	29.3	-0.7	—	39	—	20	—	32	—	0	1	—	—
Abbara	1010.3	-1.5	+2.1	S	2	0	29.5	+3.5	-1.7	33	-7	—	—	46	+7	0	82	69	—
Malakal	1012.2	+0.3	-0.3	—	0	3	23.7	-0.4	-1.2	31	0	21	0	90	+7	7	469	703	—
Wau	1010.8	-0.8	-0.6	S	3	4	23.8	+1.3	-0.3	28	-4	22	+2	89	+5	2	701	927	—
Juba	1011.2	-0.6	—	WSW	3	3	23.0	+0.3	—	31	—	20	—	95	—	6	852	769	—

EGYPT and SUDAN — MEDITERRANEAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 30

" " sunset 18 21

From Observations taken at 8h. to-day.

Saturday 29th August, 1931 ١٩٣١ السبت ٢٩ أغسطس

	STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff from normal (mb)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff from normal (°C)	Humidity: At 8 h (%)	Humidity: Diff from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total since 1st Oct. last year (mm)	Rainfall: Total since 1st Oct. yesterday (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1009.4	-2.2	-3.0	W	2	1	25.1	-2.1	-0.5	34	—	21	—	78	+6	0	57	101	3
	MATRUH	1009.5	+0.5	-2.3	NNW	2	0	25.6	-1.0	0.0	29	+1	22	+1	82	+4	0	179	158	1
	ALEXANDRIA	1008.7	-0.7	-3.3	NW	1	1	26.7	-0.4	+0.2	32	+1	24	+1	71	+1	0	96	190	1
	PORT SAID	1008.4	-0.6	-1.4	NW	2	2	28.7	-0.3	+1.3	32	+1	24	+1	68	-3	0	62	82	1
	GAZA	—	—	—	—	0	0	28.1	+0.2	+0.6	35	+5	22	+2	68	-3	0	251	376	—
	HAIFA	1006.2	-0.1	-1.8	ESE	4	2	30.4	+0.6	+1.2	33	+2	26	+4	68	0	0	665	648	1
LOWER EGYPT	TANTA	1009.0	+0.2	—	W	1	1	26.7	-1.0	—	37	—	21	—	74	—	0	35	—	—
	EZBEKIYA	1008.4	-0.4	-2.7	NW	1	0	27.0	0.0	+2.1	37	+3	24	+3	72	-5	0	17	34	—
	GIZA	1008.4	-0.2	-2.8	N	1	0	26.1	+0.2	—	38	+5	22	+3	75	—	0	21	31	—
	HELWAN	1008.4	-0.3	-2.8	NNW	3	1	27.3	-0.2	+2.7	38	+4	24	+3	67	-1	0	19	35	—
	SIWA	1011.0	+0.6	-0.8	—	0	0	25.2	-1.4	-0.2	39	+2	22	+2	73	+12	0	38	7	—
RED SEA	SUEZ	1007.0	0.0	-3.3	N	2	0	28.0	+1.0	+2.4	39	+4	25	+2	70	-6	0	28	26	2
	TOR	1005.9	-0.3	-1.4	NW	2	0	30.0	0.0	+1.7	35	+2	24	0	71	-3	0	11	14	2
	HURGHADA	1006.6	-0.5	—	NNW	2	0	34.5	+2.0	—	37	—	26	—	26	—	0	0		1
	QOSSEIR	1006.3	-0.5	—	WNW	3	0	36.7	+4.7	—	37	—	28	—	13	—	0	15		2
UPPER EGYPT	GEBALI	1009.4	-0.4	-2.1	N	2	0	29.5	+1.5	+3.1	39	+3	24	+4	48	-17	0	17		
	MINYA	1008.6	-0.2	—	NNE	1	0	28.7	+2.7	+3.0	39	+5	23	+2	54	-17				
	ASYUT	1008.3	-1.3	-1.8	WNW	2	0	28.7	+0.4	+2.3	40	+5	23	+1	41	-19	0	7		
	QENA	1008.0	-0.7	—	WNW	2	0	28.5	-0.5	-1.8	42	+3	24	+1	39	-10				
	KHARGA	1008.3	-0.4		—	0	0	30.5	+0.7		42	—	22	—	34	—	0	1		
	ASWAN	1008.2	-0.6	-0.3	—	0	0	33.2	+1.6	+2.4	43	+2	26	+1	21	-13				
SUDAN	WADI HALFA	1007.5	-0.5	-1.8	—	0	0	30.6	-1.0	+1.3	45	+5	25	+2	30	-1				
	MEROWE	1008.2	-2.2	-0.5	NE	1	0	33.0	+8.0	+0.9	41	+1	29	+3	50	+11	0	477	29	
	ATBARA																			
	KHARTUM	1010.7	+0.1	+1.4	S	3	1	27.1	-0.8	-0.8	35	-3	26	+1	70	+5	0	183	127	
	PORT SUDAN	1007.1	-0.3	+0.2	NE	3	0	35.2	-2.9	-0.1	43	+3	32	+5	60	+15	0	112	122	3
	KASSALA																			
	WAD MEDANI	1011.2	0.0	+0.6	S	1	1	25.0	-2.0	-1.0	35	0	21	0	76	+8	6	314	318	
	DONGOLA	1011.4	+1.2	-0.3	NE	1	3	23.0	-1.5	-0.8	32	0	21	0	83	+2	5	611	608	
	EL FASHER																			
	EL OBEID	1009.6	-1.8	-2.2	W	2	2	28.5	+2.8	+3.0	33	0	22	+1	72	-2	0	196	261	
	MALAKAL																			
	WAU	1010.4	-2.3	-0.9	WNW	2	3	25.7	+0.7	+1.5	32	0	22	+2	86	+2	0	730	941	
	JUBA																			

Upper Wind Observations at Helwan at [illegible]

Height (Meters)	Speed per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	76	+7	24.3	+2.3
Ezbekiya	58	-5	23.9	+1.2
Giza	58	-6	23.8	—
Helwan	45	-8	22.1	+2.3

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
29.8	8190	7037
28.8	8039	7246

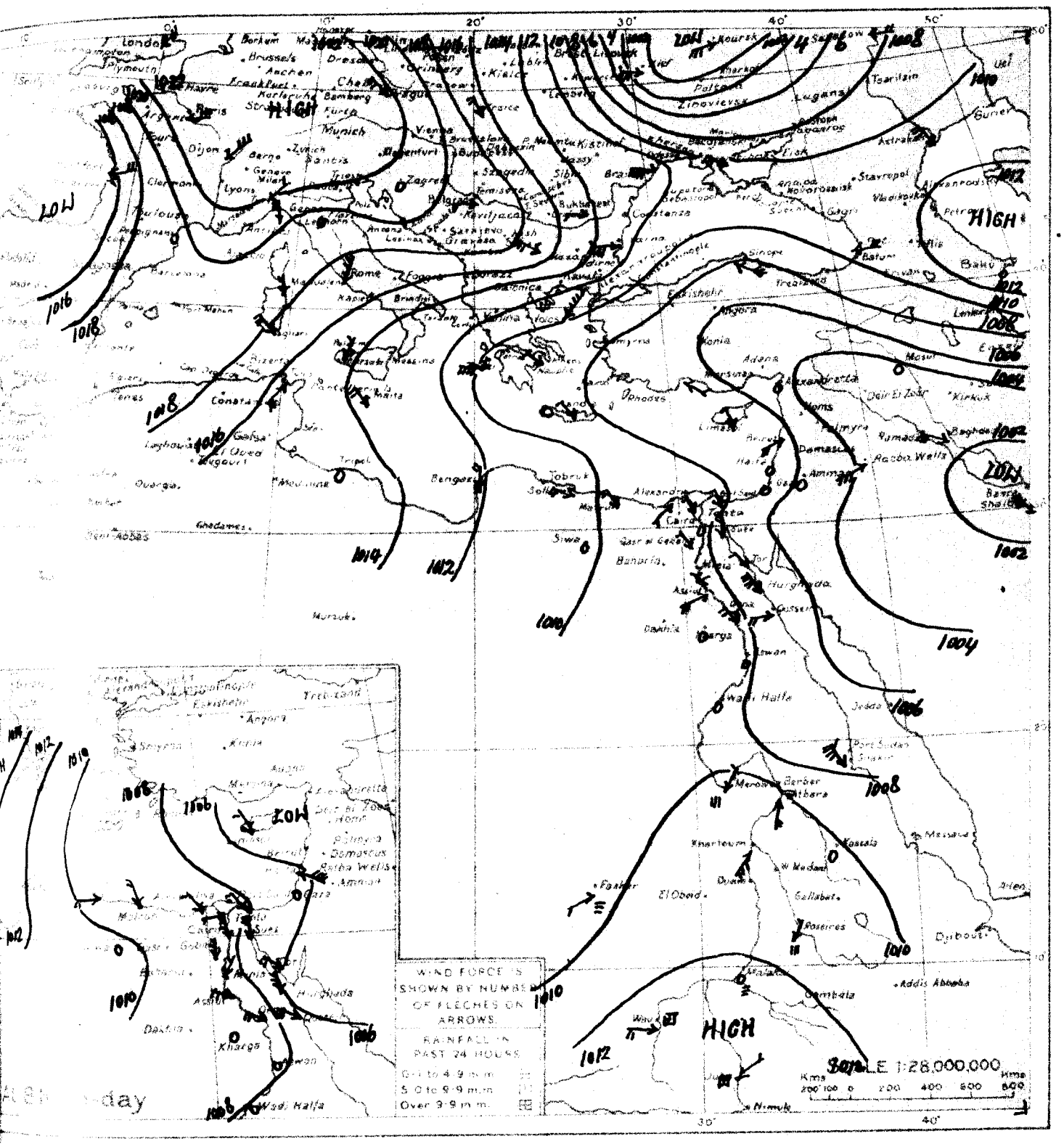
GAUGE	Date 1931	Reading (m.)	Diff. from normal (m.)	Rise (Reading (m.))	Rise (Diff. from normal (m.))
Juba	28.8	14.42	+0.63	14.20	+0.42
Nasser	27.8	9.80	-0.19	9.76	-0.21
Malakal	28.8	11.74	-0.15	11.73	-0.15
Roseires	29.8	20.80	+1.80	20.66	+1.64
Sennar Res.	28.8	17.21	—	17.20	—
Makwar	28.8	12.76	+0.58	12.40	+0.19
Khartoum	28.8	15.46	-0.22	15.38	-0.29
Kh. el Girba	26.8	15.70	+1.49	14.58	+0.38
Atbara	28.8	15.74	+0.69	15.53	+0.50
Wadi Halfa	29.8	7.88	+0.28	7.78	+0.19
Aswan Res.	29.8	98.36	—	98.21	—
" D.S.	29.8	91.98	+0.22	91.89	+0.17
El Leithi	29.8	22.74	+0.47	22.70	+0.47
Roda (Cairo)	29.8	18.60	+0.27	18.56	+0.25

PRINTED AT THE SURVEY OF EGYPT (829(29/659/1)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٨-٨-٣١ Barometer and Wind at 8 h. Yesterday 28.8.31.



WIND VELOCITY	KPH	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	above 104	12

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٨-٨-٣١ From Observations taken at 8 h. yesterday. 28.8.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.7	+2.0	+1.2	NE	3	4	21	-1	—	30	—	18	—	50	—	—	—	746	—
	MALTA	1013.6	-0.3	-3.5	NW	2	0	23	-1	—	36	+7	19	-3	70	—	0	338	431	1
	ATHENS	1009.8	+2.4	-4.0	WNW	1	0	26	-2	—	—	—	—	—	40	—	—	—	378	—
	CANDIA	1009.6	+2.4	-3.8	NW	1	1	30	-1	—	33	+5	21	0	—	—	0	519	463	1
	LIMASSOL	1006.3	+1.3	-3.1	NNW	1	0	28	+1		33	+1	21	+2	—	—	0	393	465	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 31

" " sunset 18 20

From Observations taken at 8h. to-day.

Sunday 30th August, 1931

الأحد ٣٠ أغسطس ١٩٣١

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1	Rainfall: Normal from Oct. 1	Rainfall: Total yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.6	+1.2	-7.9	WNW	2	2	26.2	+1.1	+0.6	33	—	21	—	72	0	0	57	101	3	
	MATRUH	1009.5	0.0	-2.5	NW	4	2	25.4	-0.2	-0.2	29	+1	24	+3	85	+7	0	179	158	3	
	ALEXANDRIA	1008.4	-0.3	-3.7	NNW	1	1	26.9	+0.2	+0.4	31	0	24	+1	72	+2	0	96	190	1	
	PORT SAID	1007.8	-0.6	-2.1	NW	2	1	29.1	+0.4	+1.7	32	+1	25	+2	61	-10	0	62	82	1	
	GAZA																				
	HAIFA	1006.3	+0.1	-1.8	—	0	0	30.2	-0.2	+1.1	35	+4	26	+4	73	+5	0	665	648	2	
LOWER EGYPT	TANTA	1009.0	0.0		W	1	0	27.0	+0.3	—	35	—	20	—	69	—	0	35			
	EZBEKIYA	1008.4	0.0	-2.8	N	2	3	25.3	-1.7	+0.5	36	+2	22	+1	77	0	0	17	34		
	GIZA	1008.6	+0.2	-2.7	NNW	1	3	25.1	-1.0	—	37	+4	20	+1	81	—	0	21	31		
	HELWAN	1008.6	+0.2	-2.7	N	3	2	25.0	-2.3	+0.4	36	+2	22	+1	72	+4	0	19	35		
	SIWA	1011.6	+0.6	-0.3	N	1	0	23.9	-1.3	-1.4	37	0	21	+1	76	+15	0	38	7		
RED SEA	SUEZ	1007.5	+0.5	-2.9	N	2	1	26.0	-2.0	+0.5	39	+4	24	+1	76	0	0	28	26	2	
	TOR	1005.3	-0.6	-2.0	NW	5	0	29.1	-0.9	+0.9	39	+6	23	-1	77	+3	0	11	14	5	
	HURGHADA	1005.1	-1.5		NNW	7	0	34.2	-3.3		37		28		58		0	0		4	
	QOSSEIR	1005.0	-1.3		NNW	4	0	33.4	-3.3		39		30		42		0	15		3	
UPPER EGYPT	DEBAUI	1009.8	+0.4	-1.8	NW	2	0	27.0	-2.5	+0.6	38	+2	23	+3	64	-1	0	17			
	MINYA	1008.2	-0.4		NNE	2	0	27.7	-1.0	+2.1	39	+5	21	0	72	0					
	ASYUT	1007.6	-0.7	-2.6	WNW	2	0	28.7	0.0	+2.4	39	+4	24	+2	54	-7	0	7			
	SOHAG	1006.0	-2.0		WNW	2	0	29.6	+1.1	-0.6	43	+4	25	+2	43	-6					
	KHARGA	1006.3	-2.0		—	0	0	30.6	+0.1		42		24		35		0	1			
	ASWAN	1005.6	-2.6	-3.0	—	0	0	31.8	-1.4	+1.0	42	+1	26	+1	25	-9					
SUDAN	WADI HALFA	1005.4	-2.1	-3.9	—	0	0	30.2	-0.4	+0.9	43	+3	25	+2	32	+1					
	SHENDE																				
	ATBARA	1009.3	-1.0	+1.1	W	2	0	32.5	+2.5	+1.1	40	0	27	+2	36	-3	0	84	73		
	KHARTOUM	1005.6	-5.1	-3.7	SW	1	1	30.6	+3.5	+2.6	38	0	27	+2	58	-7	0	183	130		
	PORT SUDAN	1004.7	-2.4	-2.2	SE	2	0	36.4	+1.2	+1.2	42	+3	30	+3	39	-6	0	112	122	2	
	KASSALA																				
	WAD MEDANI	1007.9	-3.3	-2.7	S	3	0	29.0	+4.0	+3.0	36	+1	22	+1	64	-4	0	314	323		
	ROSEIRES	1006.4	-5.0	-5.3	NNE	1	3	24.0	+1.0	+0.2	31	-1	22	+1	91	+10	0	611	615		
EQUATORIAL PROVINCES	EL FASHER	1005.5	-2.9		NNW	2	1	27.5	+1.5	+3.0	35	+1	22	+2	63	-6	0	244	286		
	EL OBEID	1006.7	-2.9	-5.1	WSW	2	0	28.8	+0.3	+3.2	35	+2	22	+1	73	-1	0	196	265		
	MALAKAL	1008.8	-3.1	-3.6	—	0	1	26.0	-0.8	+1.0	34	+3	22	+1	82	-1	3	473	721		
	WAU																				
	JUBA																				

TEMP. F. C. 120 110 100 90 80 70 60 50 40

PRESS. Mm. Mb. 725 700 675 650 625 600 575 550

General Situation

Upper Wind Observations at Khartoum at 9 a.m.

Height in metres	Speed in Knots per hour	Direction
500	15	N
1000	25	WNW
1500	35	WNW
2000		
3000		

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	73	+4	24.0	+2.0
Ezbekiya	64	+1	24.0	+1.4
Giza	63	-1	23.7	—
Helwan	56	+3	23.1	+3.3

NOTE. A dash means that figures are not available

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" " Abroad PT.150 "

Remarks

Roseires River Gauge Reading for 24-5-31 published on 24 & 25 May 1931 should read 11.28 m. instead of 11.38 m.

صحة قراءة المنسر بمقياس الروصيرص عن يوم ٢٤ مايو ١٩٣١ المذكورة بتقريري يومي ٢٤ و ٢٥ مايو ١٩٣١ هي ١١,٢٨ بدلا من ١١,٣٨ مترا

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
29-8	8190	7037
28-8	8039	7246

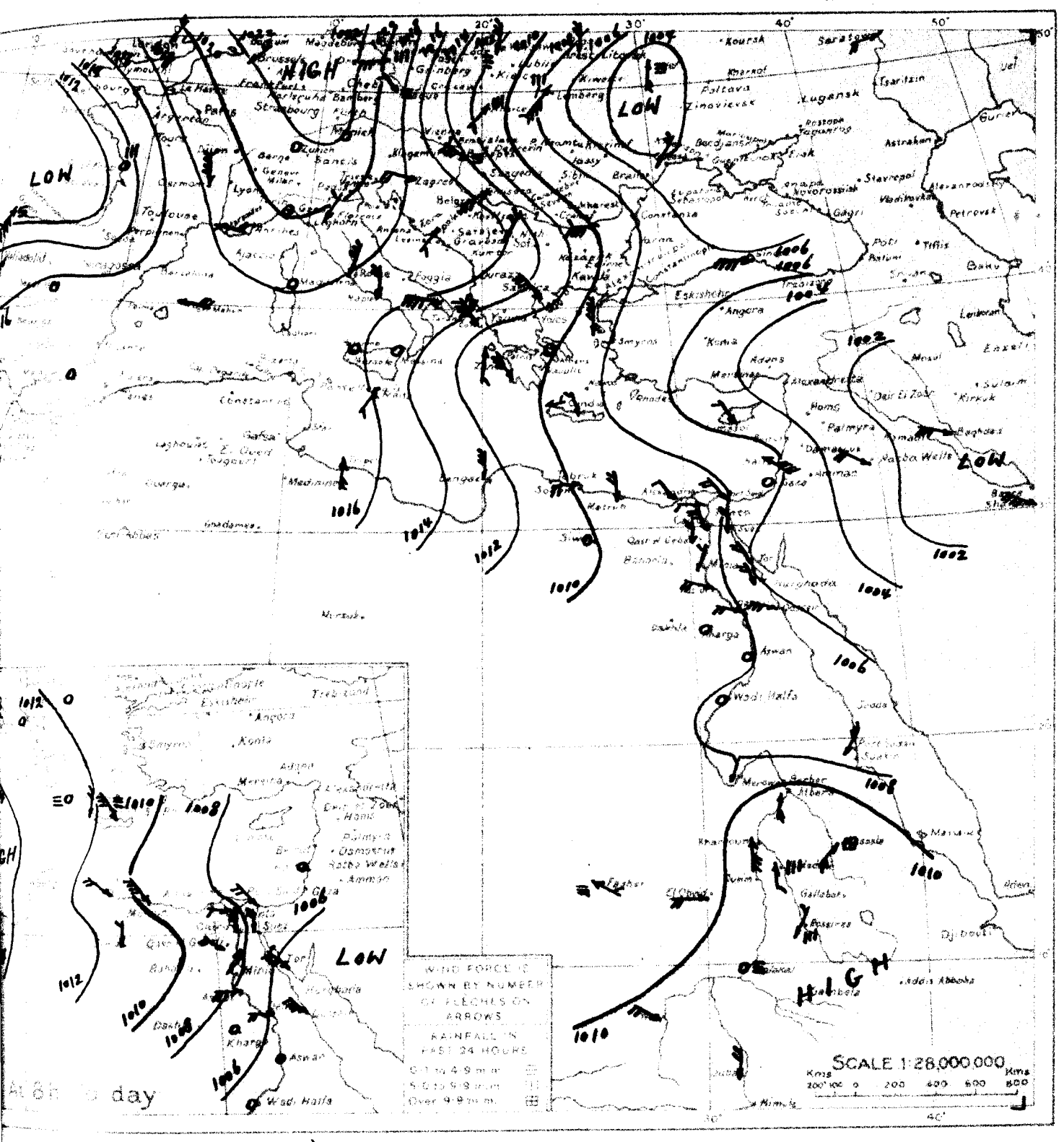
GAUGE	Date	Reading	Diff from normal	Reading	Diff from normal
	1931	m.	m.		
Juba	29-8	14.25	+0.46	14.42	+0.63
Nasser	28-8	9.81	-0.19	9.80	-0.19
Malakal	29-8	11.75	-0.15	11.74	-0.15
Roseires	29-8	20.80	+1.80	20.66	+1.64
Sennar Res.	29-8	17.21	—	17.21	—
Makwar	29-8	12.99	+0.85	12.76	+0.58
Khartoum	29-8	15.60	-0.08	15.46	-0.22
Kh. el Girba	26-8	15.70	+1.49	14.58	+0.38
Atbara	30-8	15.60	+0.55	15.58	+0.53
Wadi Halfa	29-8	7.88	+0.28	7.78	+0.19
Aswan Res.	29-8	98.36	—	98.21	—
" D.S.	29-8	91.98	+0.22	91.89	+0.17
El Leithi	30-8	22.75	+0.44	22.74	+0.47
Roda (Cairo)	30-8	18.61	+0.25	18.60	+0.27

PRINTED AT THE SURVEY OF EGYPT 1979(23/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ - ٨ - ٢٩ Barometer and Wind at 8 h. Yesterday 29 - 8 - 1931



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ - ٨ - ٢٩ From Observations taken at 8 h. yesterday. 29 - 8 - 1931

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1017.9	+1.2	+2.4	NE	3	0	19	-2	—	27	—	15	—	30	—	—	—	746	—
	MALTA	1015.0	+1.4	-2.2	SW	1	0	23	0	—	28	-1	20	-1	70	—	0	338	431	1
	ATHENS	1010.3	+0.5	-3.6	—	0	3	23	-3	—	—	—	—	—	60	—	—	—	378	—
	CANDIA	1009.4	-0.2	-4.1	NW	1	0	27	-3	—	31	+3	21	0	—	—	0	519	463	1
	LIMASSOL	1005.8	-0.5	-3.7	NW	1	0	28	0		32	0	19	0	—	—	0	393	465	2
EGYPT and SUDAN	Atbara	1010.3	-0.8	+2.1	S	2	0	30.0	+1.0	-1.3	35	-5	27	+2	44	+5	0	84	72	—
	Kassala	1010.7	+0.7	-0.8	SW	2	0	23.0	-6.5	-3.8	35	+1	21	-2	100	+31	16	181	263	—
	El Fasher	1008.4	+0.1	—	ESE	1	0	26.0	+3.5	+1.5	32	-2	21	+1	66	-3	drops	244	281	—
	Malakal	1011.9	-1.7	-0.5	—	0	2	26.8	+2.4	+1.8	31	0	24	+3	80	-3	trace	470	715	—
	Juba	1011.9	-0.4	—	N	2	2	24.8	+1.6	—	30	—	21	—	92	—	0	886	775	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 31

" " sunset 18 19

From Observations taken at 8h. to-day.

Monday 31st August, 1931 ١٩٣١ الاثنين ٣١ أغسطس

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea
MEDITERRANEAN	SOLLUM	1012.2	+1.6	-0.4	NW	3	1	23.1	-3.1	-2.5	30		19		68	-4	0	57	101	5
	MATRUH	1011.6	+2.1	-0.5	NE	2	0	26.0	+0.6	+0.5	27	-1	25	+4	85	+7	0	179	158	2
	ALEXANDRIA	1011.1	+2.7	-1.1	NNW	2	1	25.9	-1.0	-0.6	31	0	23	0	69	-11	0	96	190	2
	PORT SAID	1010.0	+2.2	0.0	NNW	2	2	29.1	0.0	+1.8	33	+2	25	+2	59	-12	0	62	82	3
	GAZA	—	—	—	NW	1	2	27.8	+1.2	+0.3	33	+3	22	+2	66	-5	0	251	376	
	HAIFA	1007.0	+0.7	-1.2	ENE	—	0	30.9	+0.7	+1.8	34	+3	26	+4	65	-3	0	665	648	1
LOWER EGYPT	TANTA	1010.6	+1.6		SWW	1	0	26.1	-0.9		34		21		52		0	35		
	CAIRO / EZBEKIYA	1010.2	+1.8	-1.0	NNE	2	3	26.0	+0.7	+1.3	33	-1	23	+2	76	-1	0	17	34	
	GIZA	1010.3	+1.7	-1.1	N	3	3	25.7	+0.6	—	33	0	22	+3	77	—	0	21	31	
	HELWAN	1010.6	+2.0	-0.8	N	1	2	25.4	+0.4	+0.9	32	-2	22	+1	73	+5	0	19	35	
	SIWA	1013.6	+2.0	+1.7	N	1	0	24.0	+0.1	-1.3	34	-3	21	+1	74	+13	0	38	7	
RED SEA	SUEZ	1008.8	+1.3	-1.6	N	1	0	26.0	0.0	+0.5	34	-1	24	+1	80	+4	0	28	26	0
	TOR	1006.8	+1.5	-0.6	NW	5	0	29.1	0.0	+1.0	37	+4	27	+3	70	-4	0	11	14	5
	HURGHADA	1007.1	+2.0		NNW	7	0	30.5	-0.7		36		26		52		0	0		3
	QOSSEIR	1006.8	+1.8		N	5	0	31.2	-2.2		35		28		51		0	15		4
UPPER EGYPT	GEBALI	1011.1	+1.3	-0.6	N	3	0	27.0	0.0	+0.6	35	0	22	+2	63	-2	0	17		
	MINYA	1009.9	+1.7		NNE	2	0	26.2	-1.5	+0.6	35	+1	23	+2	82	+10				
	ASYUT	1010.0	+2.4	-0.3	WNW	2	0	26.9	-1.8	+0.7	37	+2	23	+1	60	-1	0	7		
	QENA	1007.9	+1.9		NNW	1	0	28.9	-0.7	-1.1	42	+3	25	+2	45	-5				
	KHARGA	1008.6	+2.5		NE	1	0	30.7	+0.1		41		23		38		0	1		
	ASWAN	1007.0	+1.4	-1.7	—	0	0	30.8	-1.0	+0.1	42	+1	27	+2	38	+4				
NUBIA & SUDAN	WADI HALFA	1005.6	+0.2	-3.8	N	2	0	32.2	+2.0	+3.0	44	+4	27	+4	29	-2				
	MEROWE	1005.6	+0.2	-3.2	SE	1	0	33.0	0.0	+0.9	46	+6	26	0	42	+4	0	477	30	
	ATBARA	1007.8	—	-0.5	S	3	0	34.0	+1.5	+2.6	42	+2	28	+3	29	-9	0	84	75	
	KHARTOUM	1008.2	+2.6	-1.1	SW	2	2	29.5	-1.1	+1.5	39	+1	26	+1	53	-12	0	183	132	
SUDAN	PORT SUDAN	1007.4	+2.7	+0.5	—	0	0	37.2	+0.8	+2.0	39	0	29	+2	27	-18	0	112	122	0
	KASSALA	1009.0	+1.4	-2.5	S	2	[illegible]	26.0	-1.0	-0.8	36	+2	23	0	84	+16	0	181	271	
	WAD MEDANI	1010.0	+2.1	-0.6	S	2	1	26.5	-2.5	+0.5	39	+4	22	+1	80	-12	10	324	328	
	ROSEIRES	1008.7	+2.3	-3.0	NNE	1	3	25.5	+1.5	+1.7	33	0	22	+1	80	-1	0	611	622	
	EL FASHER																			
	EL OBEID	1009.5	+2.8	-2.2	SW	2	2	24.6	+2.2	-1.0	36	+2	18	-3	83	+9	40	236	268	
	MALAKAL																			
	NASSER																			
	JUBA																			

Upper Air Observations at Helwan at h. m. 9 15

Height in metres	Kms. per hour	Direction
500	15	NNE
1000	15	N
1500		
2000		
3000		

General Situation

الحالة العامة

Forecast for 24 hours from noon to-day.

[illegible] حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yester day (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yester day (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	70	+1	25.2	+1.3
Ezbekiya	65	+2	22.8	+0.2
Giza	68	+4	22.5	—
Helwan	55	+2	21.5	+1.7

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

El Atbara River Gauge Reading for 19.8.31 published on 19-21 August 1931 should read 14.92 m. instead of 15.38 m.

ملاحظة: صحة قراءة النهر بعتبة العطبرة من يوم ١٩ أغسطس المذكور بتقارير الأيام ١٩-٢١ أغسطس ١٩٣١ هي ١٤٫٩٢ بدلاً من ١٥٫٣٨ متر.

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1920
31.8	8573	6649
30.8	8390	6794

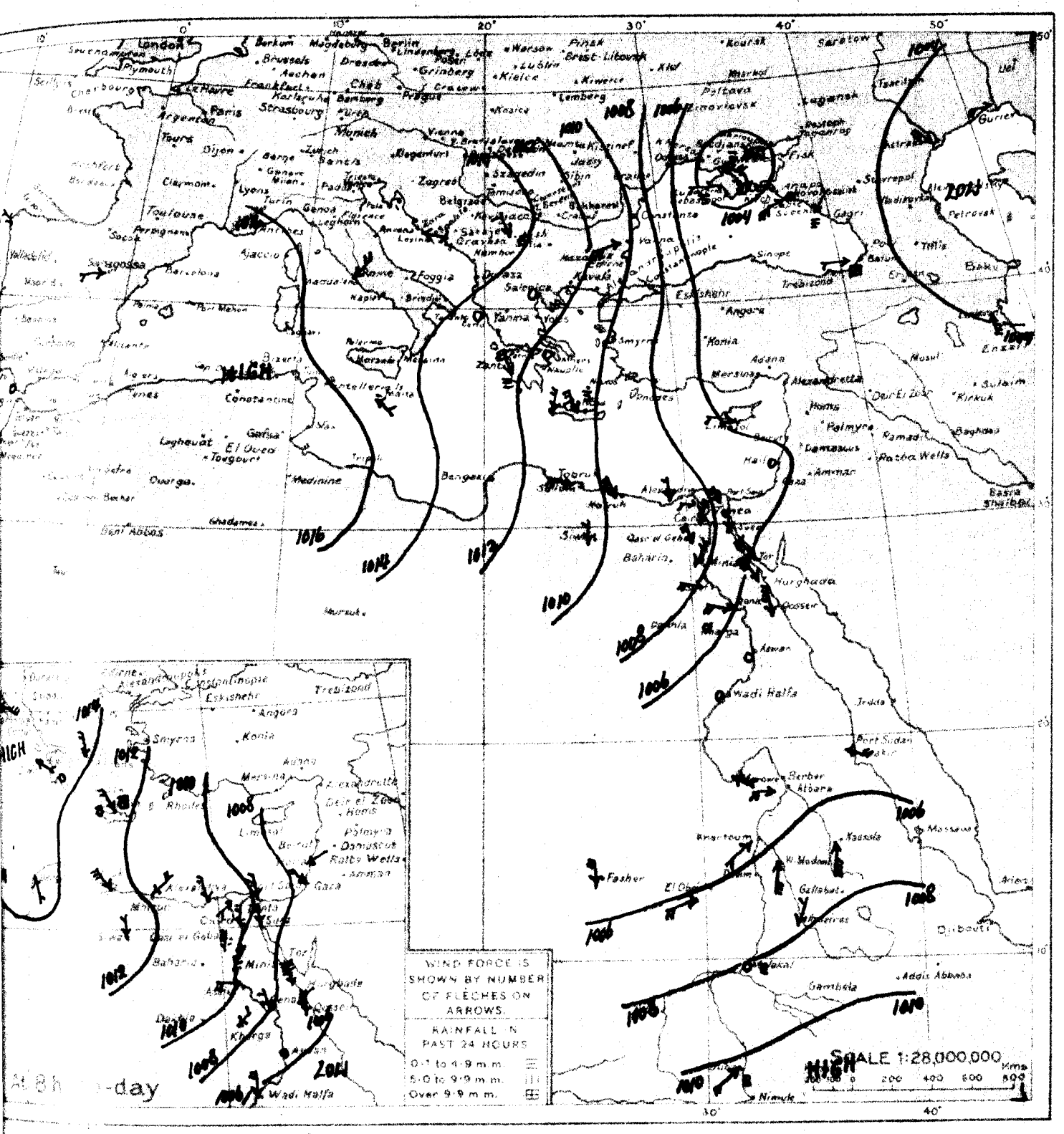
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Rise m.
Juba	30.8	14.20	+0.41	14.25	+0.46
Nasser	30.8	9.85	-0.19	9.82	-0.20
Malakal	30.8	11.76	-0.15	11.75	-0.15
Roseires	31.8	19.40	+0.40	20.20	+1.20
Sennar Res.	30.8	17.20		17.21	—
Makwar	30.8	13.21	+1.10	12.99	+0.85
Khartoum	31.8	15.78	+0.10	15.70	+0.02
Kh. el Girba	28.8	15.40	+1.17	15.68	+1.46
Atbara	30.8	15.60	+0.55	15.58	+0.53
Wadi Halfa	31.8	8.02	+0.38	7.94	+0.31
Aswan Res.	31.8	98.73		98.55	—
" D.S.	31.8	92.18	+0.34	92.09	+0.29
El Leithi	31.8	22.80	+0.47	22.75	+0.44
Roda (Cairo)	31.8	18.61	+0.23	18.61	+0.23

PRINTED AT THE SURVEY OF EGYPT 1929(29/539/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣٠-٨-٣١. Barometer and Wind at 8 h. Yesterday 30.8.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣٠-٨-٣١. From Observations taken at 8 h yesterday. 30.8.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.9	-2.0	+0.4	NE	2	0	19	0	—	27	—	14	—	60	—	—	—	747	—
	MALTA	1014.9	-0.1	-2.3	SE	1	0	24	+1	—	27	-2	21	0	70	—	0	338	431	1
	ATHENS	1011.9	+1.6	-2.1	—	0	0	24	+1	—	—	—	—	—	40	—	—	—	378	—
	CANDIA	1011.2	+1.8	-2.4	NW	3	1	26	-1	—	30	+2	22	+1	—	—	2	521	463	4
	LIMASSOL	1004.3	-1.5	-5.3	WNW	1	0	28	0		32	0	19	0	—	—	0	393	465	2
EGYPT and SUDAN	Meroe صرو	1005.4	-2.8	-3.4	SE	1	0	33.0	0.0	+0.9	44	+4	28	+2	44	+6	0	477	30	—
	Kassala كسلا	1007.6	-3.1	-3.9	S	4	3	27.0	+4.0	+4.2	33	-1	—	—	77	+8	0	181	267	—
	Juba جوبا	1010.2	-1.7	—	SW	2	3	23.8	-1.0	—	32	—	21	—	93	—	1	886	778	—

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of AUGUST 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Tor	1	Wind force	1
Wau		Wind direction	S.
Siwa	2	Wind direction	NNE
,,		Wind force	1
Siwa	3	Wind direction	ENE
,,		Wind force	1
Qosseir		Wind direction	NW
,,		Wind force	7
Qasr el Gebali.		8 h. temp.	26·9
,,		Humidity	57
Kassala... ...		Maximum	—
,,	4	8 h. temp.	23·0
,,		Humidity	100
Wad Medani...		State of sky	4
El Obeid ...		Rainfall	39
Wad Medani...	5	Maximum	—
Matruh	7	Wind force	4
Wad Medani...		State of sky	1
El Fasher ...	9	Rainfall	0
Siwa	10	Minimum	25
Sollum	12	Wind direction	WNW
,,		State of sky	1
,,		8 h. temp.	26·7
Siwa		Wind direction	WNW
,,		Wind force	1
Tor	14	Maximum	41

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Qasr el Gebali.	16	Wind force	2
Wad Medani...	18	Rainfall	2
Siwa	19	State of sky	2
,,		8 h. temp.	25·5
,,		Humidity	79
El Fasher ...		Maximum	—
Malakal... ...	20	Rainfall	Drops*
Kassala... ...	21	8 h. temp.	—
,,		Humidity	—
Tanta	22	Wind direction	WSW
Siwa		8 h temp.	—
,,		Humidity	—
Hurghada ...		Barometer	1004·7
Atbara		8 h. temp.	—
,,		Humidity	—
Tor	23	Humidity	—
Wau		Maximum	—
Sollum	24	Barometer	1011·0
Khartoum ...		Maximum	31
Tor	25	Minimum	24
Tanta	27	8 h temp.	23·9
,,		Humidity	92
Atbara		Minimum	26
Qosseir	28	8 h. temp.	36·0
,,		Humidity	—
Tor	29	Maximum	40
Tanta	31	Wind direction	NW

REMARKS:— Halve cloud observations at KASSALA for the whole month.

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR AUGUST, 1931.

The Weather.

The warm weather which prevailed in July continued into August.

Throughout the month except for few days the barometer was low. In the Delta the temperature was above normal nearly every day. The second and third weeks were especially hot. The highest temperature recorded in Egypt was 45°C registered at Aswân on the 20th and on three successive days commencing the 22nd, while at Gîza the thermometer rose to 40°C on the 12th, *i.e.* 5°C above normal. The minimum temperature in Cairo was continuously above normal during the whole month.

As usual the weather conditions were free from disturbances.

The mean atmospheric pressure for the month was below normal in Egypt and the Central Sudan and above normal elsewhere.

The mean temperature was above the average in all districts except North and Central Sudan. The humidity at Alexandria was very high. The rainfall was in excess throughout the Sudan except in the south.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR AUGUST, 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX.+MIN./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1008·2	—1·0	32·2	+1·0	24·0	+0·6	28·1	+0·8	0	0
II. Middle Egypt	1008·4	—1·5	36·2	+1·5	22·1	+1·3	29·2	+1·4	0	0
III. Upper Egypt	1007·2	—1·0	41·2	+1·9	25·4	+1·3	33·3	+1·6	0	0
IV. North Sudan	1009·7	+0·3	37·4	—0·5	25·1	+0·5	31·2	0·0	88	+ 25
V. Red Sea*	1006·9	+1·1	41·7	+1·2	30·0	+1·7	35·8	+1·4	83	+ 77
VI. Central Sudan	1010·7	—0·8	32·7	—0·5	21·6	+0·5	27·2	0·0	166	+ 13
VII. South Sudan	1012·4	+0·3	30·8	—0·4	21·8	+1·1	26·3	+0·4	159	— 13

* Port Sudan only.

NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

RAINFALL DATA FOR AUGUST, 1931.

STATION.	1931	Diff. from Normal.	STATION.	1931	Diff. from Normal.
	m/m.	m/m.		m/m.	m/m.
Juba	154	+ 49	Adis Abâba	209	— 92
Wau	177	— 31	Roseires	264	+ 55
Malakâl	145	— 56	Wâd Medani	160	+ 13
El Obeid	113	— 2	Atbara	81	+ 42
El Fasher	126	— 13	Kassala	62	— 59
Khartoum	176	+103	Port Sudan	83	+ 77

MAHMOUD HAMED MOHAMMED,
A/Director, Meteorological Service.

State of the River.

Lake Albert at Butiaba rose 18 cms. during August. Its level on September 1, 1931, was 63 cms. above normal and 54 cms. above that of the corresponding day of last year.

The Bahr el Jebel at Juba fluctuated above normal and much above last year's levels throughout the month.

River Sobat at Nasser and the White Nile at Malakal rose at normal rate. The levels were below the normal but above last year's throughout the month.

The Blue Nile at Roseires fluctuated about the normal until the 22nd when a sharp rise took place and continued until the 29th. On that date the level was 1·80 metres above normal but fell rapidly during the last two days of the month. At Khartoum the Blue Nile rose continuously until the 20th, remained almost steady until the 26th and rose again until the end of the month. The levels were below normal except on the last two days of the month.

River Atbara at Khashm el Girba fluctuated below both the normal and last year's levels during the first 20 days, rose sharply to a peak on the 26th 1·49 metres above normal and fell rapidly thereafter. The levels during the last week were much above both the normal and those of last year.

The Main Nile at Wadi Halfa rose faster than normally, the levels being continuously above normal after the 18th.

The differences of the mean levels in August 1931 from those of August 1930 and from the normal 1906-30 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	August 1931 Minus August 1930.	August 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·76	+ 0·40
Nasser	+ 0·30	— 0·15*
Malakâl	+ 0·12	— 0·13
Roseires	+ 0·46	+ 0·31
Khartoum	— 0·22	— 0·24
Khashm el Girba	+ 0·18	— 0·06
Wadi Halfa	— 0·63	— 0·25

* Nasser Normal is for 1922-30 only.

Discharges of the Nile during July, 1931.

Observed by the Irrigation Department.

Aswân (Gaâfra).

(Measured by current-meter).

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	85·65	905*
2	85·64	921*
3	85·64	928*
4	85·60	887*
5	85·60	894*
6	85·53	862*
7	85·49	857*
8	85·58	911*
9	85·58	920*
10	85·62	909*
11	85·70	939*
12	85·74	976*
13	85·78	1010*
14	85·78	1020*
15	85·78	994*
16	85·82	1030*
17	85·86	1060*
18	85·91	1070*
19	85·93	1090*
20	85·95	1120*
21	85·95	1140*
22	85·96	1120*
23	86·02	1140*
24	86·21	1230*
25	86·38	1340*
26	86·56	1460*
27	86·70	1560*
28	86·85	1650*
29	86·97	1720*
30	87·10	1830*
31	87·28	1960*
Approx. Monthly Mean		1140

Aswân.

(Measured by sluices.)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	85·65	926
2	85·64	921
3	85·64	921
4	85·60	901
5	85·60	906
6	85·53	866
7	85·49	846
8	85·58	889
9	85·58	893
10	85·62	920
11	85·70	962
12	85·74	986
13	85·78	1010
14	85·78	1000
15	85·78	1000
16	85·82	1030
17	85·86	1050
18	85·91	1070
19	85·93	1080
20	85·95	1100
21	85·95	1110
22	85·96	1120
23	86·02	1160
24	86·21	1270
25	86·38	1370
26	86·56	1480
27	86·70	1580
28	86·85	1680
29	86·97	1760
30	87·10	1860
31	87·28	2000
Approx. Monthly Mean		1150
Normal Mean 1912-1930		1760

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
24	2·71	1630
25	2·84	1700
27	3·08	1890
29	3·45	2220
31	4·11	2910
Approx. Monthly Mean		1280
Normal Mean 1912-1930		1890

Kangarty (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	2·18	646
3	2·52	772
4	1·28	887
5	1·56	955
6	1·70	1010
7	1·73	1010
8	1·70	993
9	1·65	960
10	1·59	952
11	1·60	965
13	1·77	1010
14	1·86	1030
15	1·93	1060
16	1·93	1040
17	1·94	1080
18	1·94	1080
19	2·00	1130
20	2·19	1180
21	2·47	1330

River Atbara (kilo 3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	9·74	11
13	10·68	127
15	10·96	230
19	11·40	570
31	11·99	1270
Approx. Monthly Mean		458
Normal Mean 1912-1930		668

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	11·15	1140
12	11·57	1440
16	11·82	1610
20	12·18	1790
26	12·66	2120
Approx. Monthly Mean		1700
Normal Mean 1912-1930		2360

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	10·84	1130
9	11·30	1540
15	11·44	1970
19	11·80	2310
23	11·84	2230
29	12·51	3110
Approx. Monthly Mean		2040
Normal Mean 1912-1930		2620

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·16	576
6	11·40	831
13	11·73	1070
16	11·86	1150
21	12·04	1320
26	12·60	2000
Approx. Monthly Mean		1450
Normal Mean 1912-1930		2120

Makwâr (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	5·87	574†
4	6·57	1090
7	6·51	1050
11	6·74	1180
14	6·86	1240
16	7·24	1480
18	6·76	1140
20	7·64	1760
22	7·71	1730
25	7·96	2320
28	8·92	2870
Approx. Monthly Mean		1630
Normal Mean 1912-1930		2330

Gezîra Main Canal.

(Kilo. 1.3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
31	16·62	105
31	16·62	103
Approx. Monthly Mean		—
Normal Mean 1925-1930		18

Wad el Aies (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	6·69	880
4	7·14	1110
6	7·02	1040
7	7·00	1040
8	7·02	1020
9	6·98	1010
10	7·22	1130
11	7·16	1100
12	7·06	1050
13	7·18	1110
14	7·76	1480
15	8·10	1740
18	7·56	1390
20	8·60	2040
22	8·82	2230
25	9·05	2320
27	9·86	2940
29	10·58	3750
Approx. Monthly Mean		1820
Normal Mean 1912-1930		2410

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·20	606
7	11·56	591
13	11·77	675
18	12·13	613
22	12·10	753
28	12·70	558
Approx. Monthly Mean		594
Normal Mean 1912-1930		573

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	10·86	780
3	10·93	784
4	10·96	805
5	10·98	808
6	11·00	816
7	11·04	829
8	11·07	857
12	11·13	864
15	11·18	849
20	11·26	861
25	11·33	891
Approx. Monthly Mean		857
Normal Mean 1912-1930		914

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	12·22	421
9	12·35	444
14	12·46	459
19	12·52	461
25	12·64	488
29	12·70	516
Approx. Monthly Mean		461
Normal Mean 1912-1930		498

River Sobât.

(400 mts. D.S. Baro-Pibor Junction).

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	8·54	524
3	8·59	550
4	8·64	548
6	8·70	557
7	8·73	551
9	8·80	566
11	8·87	566
13	8·92	579
14	8·95	588
16	9·02	594
17	9·05	593
18	9·07	606
20	9·13	597
21	9·15	601
23	9·19	607
25	9·26	605
28	9·35	614
30	9·38	620
31	9·39	620
Approx. Monthly Mean		584

* Discharges received by wire only.
† " measured at Hillet Sherif.

Discharges of the Nile during July, 1931 (*continued*).

Observed by the Irrigation Department.

River Baro.

(6 kms. U.S. Pibor Junction)

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	8·10	495
3	8·16	506
4	8·20	522
6	8·27	513
7	8·30	527
9	8·36	536
11	8·43	532
13	8·47	517
14	8·49	550
16	8·56	553
17	8·58	556
18	8·60	545
20	8·65	555
21	8·67	519
23	8·70	558
25	8·73	560
28	8·80	565
30	8·81	574
31	8·81	565
Approx. Monthly Mean		543

Gambeila * (River Baro)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11·86	531
7	12·19	684
10	12·18	649
14	12·29	712
17	12·26	705
21	11·97	612
24	11·78	399
Approx. Monthly Mean		—
Normal Mean 1928-1930		809

River Pibor

(6 kms. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	8·10	42
3	8·16	43
4	8·20	43
6	8·27	46
7	8·30	47
9	8·36	52
11	8·43	58
13	8·47	54
14	8·49	59
16	8·56	63
17	8·58	63
18	8·60	61
20	8·65	64
21	8·67	68
23	8·70	73
25	8·73	72
28	8·80	78
30	8·81	78
31	8·81	80
Approx. Monthly Mean		61

Akobo (River Pibor).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	13·36	8
16	13·60	14
24	13·78	9
31	13.88	8
Approx. Monthly Mean		11

Bahr el Zerâf (Kilo. 3).

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	11·80	113
18	11·91	116
28	12·04	123
Approx. Monthly Mean		117
Normal Mean 1912-1930		129

(D.S. Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·36	126
5	26·38	126
8	26·42	131
12	26·45	133
15	26·47	136
19	26·47	133
22	26·49	142
26	26·52	146
29	26·52	140
Approx. Monthly Mean		135
Normal Mean 1927-1930		150

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	28·00	13
7	28·02	14
11	28·10	19
14	28·11	24
18	28·12	24
21	28·13	20
25	28·18	30
28	28·18	7
Approx. Monthly Mean		18
Normal Mean 1927-1930		40

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·04	298
18	12·13	294
28	12·24	286
Approx. Monthly Mean		294
Normal Mean 1923-1930		284

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·56	314
17	13·58	312
27	13·62	311
Approx. Monthly Mean		312
Normal Mean 1923-1930		305

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·56	23
17	13·58	5
27	13·62	16
Approx. Monthly Mean		14
Normal Mean 1923-1930		11

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·56	313
17	13·58	315
27	13·62	317
Approx. Monthly Mean		314
Normal Mean 1923-1930		295

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·49	363
6	26·50	360
9	26·53	372
13	26·55	363
16	26·57	372
20	26·57	371
23	26·59	370
27	26·60	378
30	26·60	373
Approx. Monthly Mean		369
Normal Mean 1927-1930		371

(D.S. Head of Zerâf Cut No. 2)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·49	255
6	26·50	241
9	26·53	249
13	26·55	252
16	26·57	252
20	26·57	243
23	26·59	246
27	26·60	243
30	26·60	253
Approx. Monthly Mean		248
Normal Mean 1927-1930		237

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·36	28
5	26·38	27
8	26·42	25
12	26·45	25
15	26·47	25
19	26·47	24
22	26·49	24
26	26·52	21
29	26·52	21
Approx. Monthly Mean		24
Normal Mean 1927-1930		27

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	28·00	85
7	28·02	84
11	28·10	77
14	28·11	75
18	28·12	76
21	28·13	73
25	28·18	70
28	28·18	71
Approx. Monthly Mean		77
Normal Mean 1927-1930		73

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·49	29
5	26·50	28
8	26·52	27
12	26·55	25
15	26·57	24
19	26·57	23
22	26·59	20
26	26·62	20
29	26·60	20
Approx. Monthly Mean		24
Normal Mean 1927-1930		28

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	11·73	90
7	11·74	87
11	11·79	81
14	11·79	78
18	11·80	79
21	11·82	77
25	11·84	74
28	11·84	77
Approx. Monthly Mean		81
Normal Mean 1927-1930		77

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	11·73	369
7	11·74	372
11	11·79	364
14	11·79	362
18	11·80	367
21	11·82	364
25	11·84	369
28	11·84	368
Approx. Monthly Mean		367
Normal Mean 1927-1930		362

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·74	760
2	11·74	755
3	11·84	768
4	11·90	809
9	12·02	876
10	12·31	942
11	12·36	975
13	12·70	1110
14	12·71	1100
15	12·81	1130
16	12·81	1110
17	12·94	1200
18	12·92	1190
23	12·79	1080
25	12·94	1180
28	12·62	1110
29	12·67	1120
30	12·74	1190
31	12·72	1180
Approx. Monthly Mean		1030
Normal Mean 1912-1930		894

* Gambeila monthly mean for June is 369.

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³-p.s.
			M.		
		River Sobât and Tributaries.			
1-7-1931	Pibor.	D.S. Makwai Junction	8·33	Makwai.	52
8-7-1931	,,	,, ,, ,, ...	8·61	,,	56
15-7-1931	,,	,, ,, ,, ...	8·83	,,	69
22-7-1931	,,	,, ,, ,, ...	8·99	,,	78
29-7-1931	,,	,, ,, ,, ...	9·11	,,	86
1-7-1931	Khor Makwai.	Mouth	8·33	,,	—22
8-7-1931	,,	,, ...	8·61	,,	—17
15-7-1931	,,	,, ...	8·83	,,	—14
22-7-1931	,,	,, ...	8·99	,,	— 7
29-7-1931	,,	,, ...	9·11	,,	— 5
1-7-1931	Pibor.	U.S. Makwai Junction	8·55	,,	69
8-7-1931	,,	,, ,, ,, ...	8·61	,,	73
15-7-1931	,,	,, ,, ,, ...	8·83	,,	82
22-7-1931	,,	,, ,, ,, ...	8·99	,,	85
29-7-1931	,,	,, ,, ,, ...	9·11	,,	90
10-7-1931	,,	D.S. Gila Junction	8·82	Gila.	91
24-7-1931	,,	,, ,, ,, ...	9·10	,,	94
10-7-1931	Gila.	Mouth	8·82	,,	82
24-7-1931	,,	,, ...	9·10	,,	83
10-7-1931	Pibor.	U.S. Gila Junction	8·82	,,	17
24-7-1931	,,	,, ,, ,, ...	9·10	,,	21
		Bahr el Jebel and Tributaries.			
6-7-1931	Bahr el Jebel.	Gemeiza	428·85	Gemeiza.	595
20-7-1931	,,	,, ...	429·11	,,	708
7-7-1931	,,	Giggin	429·07	Giggin.	212
21-7-1931	,,	,, ...	429·58	,,	286
5-7-1931	,,	1 Km. U.S. Terrikaka	13·39	Terrikaka	795
25-7-1931	,,	Khor Soliman	12·94	Mongalla	— 2
25-7-1931	,,	,, Koda	12·94	,,	11

R. P. Black,
Acting Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 32

" " sunset 18 18

From Observations taken at 8 h. to-day.

Tuesday 1st September, 1931 ١٩٣١ الثلاثاء اول سبتمبر

STATION	Barometer Reduced to 32° Sea Level	Change in last 24 hours	Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff from normal	Max	Diff from normal	Min	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall			Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1011.9	—	—	NW	2	0	24.6	+1.5	-0.9	31	—	19	—	64	-8	0	57	101	3
MARSA MATRUH	1013.0	+1.4	+0.8	NE	2	0	25.4	-0.6	-0.1	28	0	20	-1	84	+6	0	179	158	1
ALEXANDRIA	1011.9	+0.8	-0.4	NNE	2	2	26.6	+0.7	+0.1	30	-1	24	+1	72	+2	0	96	190	2
PORT SAID	1010.8	+0.8	+0.7	WSW	3	0	27.0	-2.1	-0.3	32	+1	23	0	70	-1	0	62	82	1
CAIRO	—	—	—	—	0	0	26.9	-0.9	-0.5	32	+2	20	0	71	0	0	251	376	
HELWAN	1008.2	+1.2	-0.1	—	0	0	29.1	-1.8	0.0	33	+2	25	+4	75	+7	0	665	648	0
	1011.0	+0.4	—	W	1	0	26.3	+0.2		33	—	20	—	71		0	35		
	1011.2	+1.0	-0.1	—	0	0	25.2	-0.8	+0.6	32	-2	22	+1	73	-4	0	17	34	
	1011.5	+1.2	0.0	—	0	1	24.4	-1.3	—	32	-1	19	0	74	—	0	21	31	
	1011.5	+0.9	0.0	NW	1	1	24.0	-1.4	-0.4	31	-3	20	-1	75	+7	0	19	35	
	1014.8	+1.2	+2.8	—	0	0	25.1	+1.1	-0.1	39	+2	20	0	66	+4	0	38	7	
	1009.8	+1.0	-0.7	N	2	0	26.0	0.0	+0.6	34	-1	23	0	69	-7	0	28	26	2
	1007.8	+1.0	+0.3	NW	5	0	28.7	-0.4	+0.6	33	0	27	+4	66	-8	0	11	14	5
	1007.4	+0.3		NNW	8	0	29.2	-1.3		35		25		57		0	0		4
	1008.2	+1.4		N	4	0	30.8	-0.4		34		26		52		0	15		4
	1012.7	+1.6	+0.8	NW	3	0	26.0	-1.0	-0.3	34	-1	20	0	66	+1	0	17		
	1011.6	+1.7		NNE	3	0	25.5	-0.7	0.0	33	-1	20	0	69	-3				
	1011.5	+1.5	+1.2	WNW	2	0	25.8	-1.1	-0.3	34	-1	22	0	58	-3	0	7		
	1009.3	+1.4		NNW	3	0	29.5	+0.6	-0.4	41	+2	23	0	31	-19				
	1009.9	+1.3		NE	1	0	29.0	-1.7		38		22		44		0	1		
	1009.8	+2.8	+1.0	N	1	0	30.0	-0.8	-0.6	41	0	28	+3	35	+1				
	1008.2	+2.6	-1.4	NNE	2	0	33.0	+0.8	+3.9	45	+5	29	+6	31	0				
	1006.6	+1.0	-2.2	SE	2	0	33.0	0.0	+0.8	46	+4	28	+2	34	-4	0	477	31	
	1009.1	+0.9	-0.2	WSW	1	2	28.5	-1.0	+0.4	38	0	26	+1	63	-1	dr.	183	134	
	1008.7	+1.3	+1.6	W	1	0	38.5	+1.3	+3.4	40	+1	28	0	20	-25	0	112	122	1
	1011.8	+1.8	+1.3	S	3	0	26.5	0.0	+0.4	36	+1	22	+1	63	-5	0	324	333	
	1009.3	+0.6	-2.5	NE	1	2	23.5	-2.0	-0.3	33	0	21	0	87	+6	28	639	629	
	1010.3	+0.8	-1.4	SW	2	2	27.0	+2.4	+1.4	32	-2	22	+1	78	+5	dr.	236	272	

General Situation

Forecast for 24 hours from noon to day.

STATION	Humidity Average of day	Humidity Average night	Average Temperature of Mean of Day	Diff from normal
	%	%	°C	°C
Alexandria	66	-3	22.0	+0.1
Ezbekiyah	61	-2	22.2	-0.3
Giza	64	0	21.7	—
Helwan	57	+4	20.9	+1.1

Note: Dates marked thus are not available

Terms of Subscription (yearly in advance) P.T.150 annually

" " Abroad P.T.150

Remarks

Sennar Reservoir gauge reading for 8.7.31 published on 9.7.31 should read 7.01 instead of 6.97 m.

ملحوظة: صحة قراءة الخزان بمقياس خزان سنار يوم ٨-٧-٣١ المذكورة بتقرير ٩-٧-٣١ هي ٧,٠١ بدلا من ٦,٩٧ مترا.

Discharges at Assuan measured by gauges m.3 per sec

DATE	1931	1930
1.9	8678	6602
31.8	8573	6649

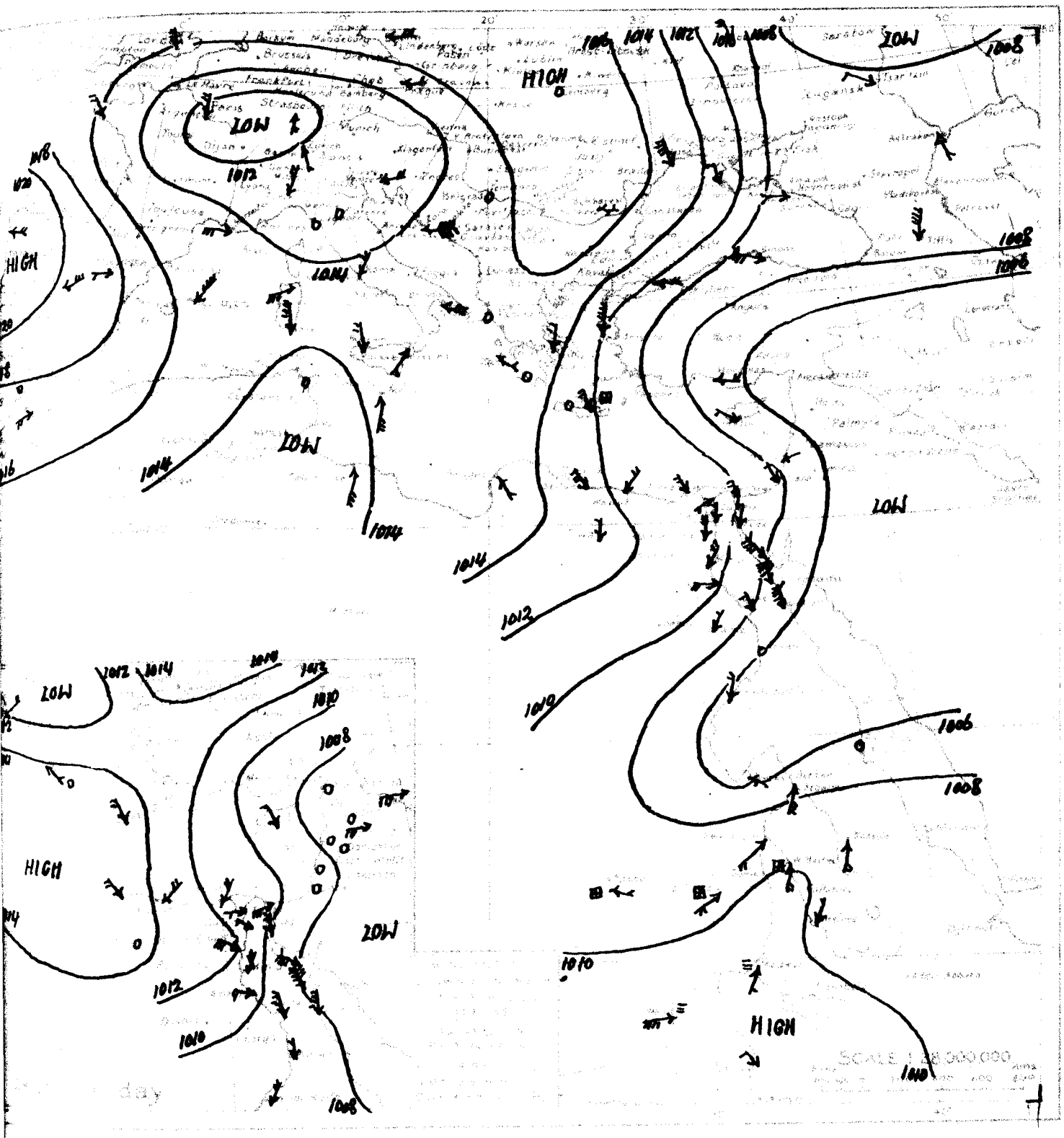
GAUGE	Date 1931	Reading m	Diff from normal m	Reading m	
Juba	31.8	14.17	+0.38	14.20	+0.41
Nasser	30.8	9.85	-0.19	9.82	-0.20
Malakal	31.8	11.77	-0.15	11.76	-0.15
Roseires	1.9	18.82	-0.20	19.40	+0.40
Sennar Res.	30.8	17.20	—	17.21	—
Makwar	30.8	13.21	+1.10	12.99	+0.85
Khartoum	1.9	15.86	+0.19	15.78	+0.10
Kh. el Geba	30.8	14.96	+0.76	15.12	+0.89
Atbara	1.9	15.48	+0.44	15.50	+0.46
Wadi Halfa	1.9	8.22	+0.54	8.02	+0.38
Assuan Res.	1.9	98.83	—	98.73	—
" D.S.	1.9	92.27	+0.39	92.18	+0.34
El Lisan	1.9	22.81	+0.45	22.80	+0.47
Roda (Cairo)	1.9	18.63	+0.23	18.61	+0.21

Printed at the Survey of Egypt [illegible] (1930) 10/556

PHYSICAL DEPARTMENT.

REPORT.

٣١-٨-٣١ Barometer and Wind at 8 a.m. Yesterday 31.8.31.



٣١-٨-٣١ From Observations taken at 8 a.m. yesterday 31.8.31.

	1015.0	-0.9	-0.6	NE	2	1	19	0		28		15		60		—		748	
	1014.1	-0.8	-3.1	S	3	2	25	+1		29	0	22	+1	70		0	338	431	1
	1014.2	+1.3	0.0	N	2	0	24	0		—	—	—	—	40		—		379	
	1012.7	+1.5	-1.1	NW	2	1	26	0		29	+1	23	+2			60	581	463	2
	1007.4	+3.1	-2.4	WNW	1	0	27	-1		33	+1	18	-1			0	393	465	3
El Fasher الفاشر	1008.2	+2.7	—	ESE	1	3	23.0	-4.5	-1.6	34	0	21	+1	74	+6	21	265	291	—
Malakal ملكال	1011.4	+2.6	-1.0	SSW	1	4	25.1	-0.9	+0.1	34	+2	22	+1	88	+5	tr.	473	727	—
Wau واو	1010.6	+1.2	-0.7	W	4	4	24.0	-1.1	-0.2	29	-3	22	+2	87	+3	1	731	955	—
Juba جوبا	1012.0	+1.8	—	NW	1	3	23.0	-0.8	—	30	—	19	—	95	—	0	886	781	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO to-morrow

Time of sunrise 05 33

" sunset 18 17

From Observations taken at 8 h. to-day.

Wednesday 2nd September, 1931 (١٩٣١) الاربعاء ٢ سبتمبر

Station	Barometer			Wind			Temperature									Humidity			Rainfall		Sea
	1013.6	—	+0.7	NW	2	0	24.2	-0.4	-1.3	29		18		80	+8	0	57	101	3
	1013.5	+0.5	+1.2	NNW	2	0	24.8	-0.6	-0.6	28	0	20	-1	85	+8	0	179	158	1
	1013.0	+1.1	+0.5	N	4	2	26.7	+0.1	+0.3	30	-1	24	+1	67	-3	0	96	190	3
	1011.1	+0.3	+0.8	NNW	1	2	28.0	+1.0	+0.7	32	+1	25	+2	69	-2	0	62	82	3
	—	—	—	—	0	1	27.0	+0.8	+0.3	30	0	20	0	64	-7	0	251	376	
	1008.2	0.0	-0.2	—	0	0	29.6	+0.5	+0.6	33	+2	25	+4	69	+1	0	665	648	2
	1011.8	+0.8		NNW	1	0	25.9	-0.4		34		21		76		0	35		
	1012.0	+0.8	+0.6	NNW	2	3	25.1	-0.1	+0.6	32	-2	22	+2	82	+5	0	17	34	
	1012.3	+0.8	+0.8	NNW	2	3	25.0	+0.6	—	32	-1	20	+1	84	—	0	21	31	
	1012.2	+0.7	+0.6	NNE	1	3	23.3	-0.7	-1.0	31	-3	21	0	87	+19	0	19	35	
	1014.4	-0.4	+2.3	—	0	0	24.2	-0.9	-0.9	35	-1	20	+1	72	+10	0	38	7	
	1010.6	+0.8	0.0	N	2	2	26.0	0.0	+0.6	33	-2	24	+1	85	+9	0	28	26	2
	1007.8	0.0	+0.2	NW	5	0	28.6	-0.1	+0.5	31	-2	27	+4	85	+12	0	11	14	5
	1007.9	+0.5		NNW	8	0	28.8	-0.4		34		23		62		0	0		4
	1008.0	-0.2		NW	4	0	31.3	+0.5		33		26		42		0	15		3
	1013.1	+0.4	+1.2	NW	3	0	26.4	+0.4	+0.2	34	-1	22	+2	66	+1	0	17		
	1011.8	+0.2		NNE	2	0	25.5	0.0	+0.1	33	-1	21	+1	76	+4				
	1011.9	+0.4	+1.5	N	3	0	24.8	-1.0	-1.1	33	-2	23	+1	87	+26	0	7		
	1009.6	+0.3		WNW	3	0	27.4	-2.1	-2.4	39	0	25	+2	54	+4				
	1011.0	+1.1		NNW	1	0	28.3	-0.7		36		21		51		0	1		
	1010.2	+0.4	+1.3	—	0	0	28.5	-1.5	-1.9	38	-3	24	-1	37	+2				
	1009.1	+0.9	-0.6	N	3	0	30.0	-3.0	+1.0	41	+1	26	+3	28	-4				
	1007.6	+1.0	-1.2	NE W	1	4	33.0	0.0	+0.8	46	+4	29	+3	42	+5	0	477	31	
	1007.6	-0.2	-0.7	~~SW~~	2	0	34.5	+1.5	+2.9	41	+1	28	+3	27	-10	0	84	76	
	1008.0	-1.1	-1.3	SW	1	2	30.8	+2.3	+2.6	37	-1	27	+2	60	-4	0	183	135	
	1007.5	-1.2	+0.4	N	1	0	33.9	-4.6	-1.2	39	0	29	+1	59	+14	0	112	122	1
	1008.3	-1.0	-3.5	NE	1	2	26.5	+3.0	+2.7	32	-1	23	+2	80	0	0	639	634	
	1007.9	+0.1		NW	1	2	28.0	+2.0	+3.4	32	-2	22	+2	54	-13	12	277	297	
	1011.6	+0.5	-0.7	—	0	0	27.9	+1.6	+2.8	33	+1	23	+2	73	-10	0	479	738	
	1011.0	+0.3	-0.3	W	4	3	25.0	+1.0	+0.8	31	-1	22	+2	84	0	28	759	967	

9 15

5 WNW
15 N
35 N

Station	Max.	Diff.	Min.	Diff.
Alexandria	74	+6	23.5	+1.6
Ezbekiya	61	-3	21.9	-0.6
Giza	59	-6	21.7	—
Helwan	60	+6	21.1	+1.4

Remarks

X. Makwar River Gauge Reading for 8.7.31 published on 9.7.31 should read 6.61 instead of 6.56 m.
ملوظة: صحة قراءة النيل بمقياس مكوار يوم ٨-٧-٣١ الذي نشر بتقرير يوم ٩-٧-٣١ هي ٦,٦١ بدلاً من ٦,٥٦ متراً.

2.9	9073	6602	
1.9	8676	6602	

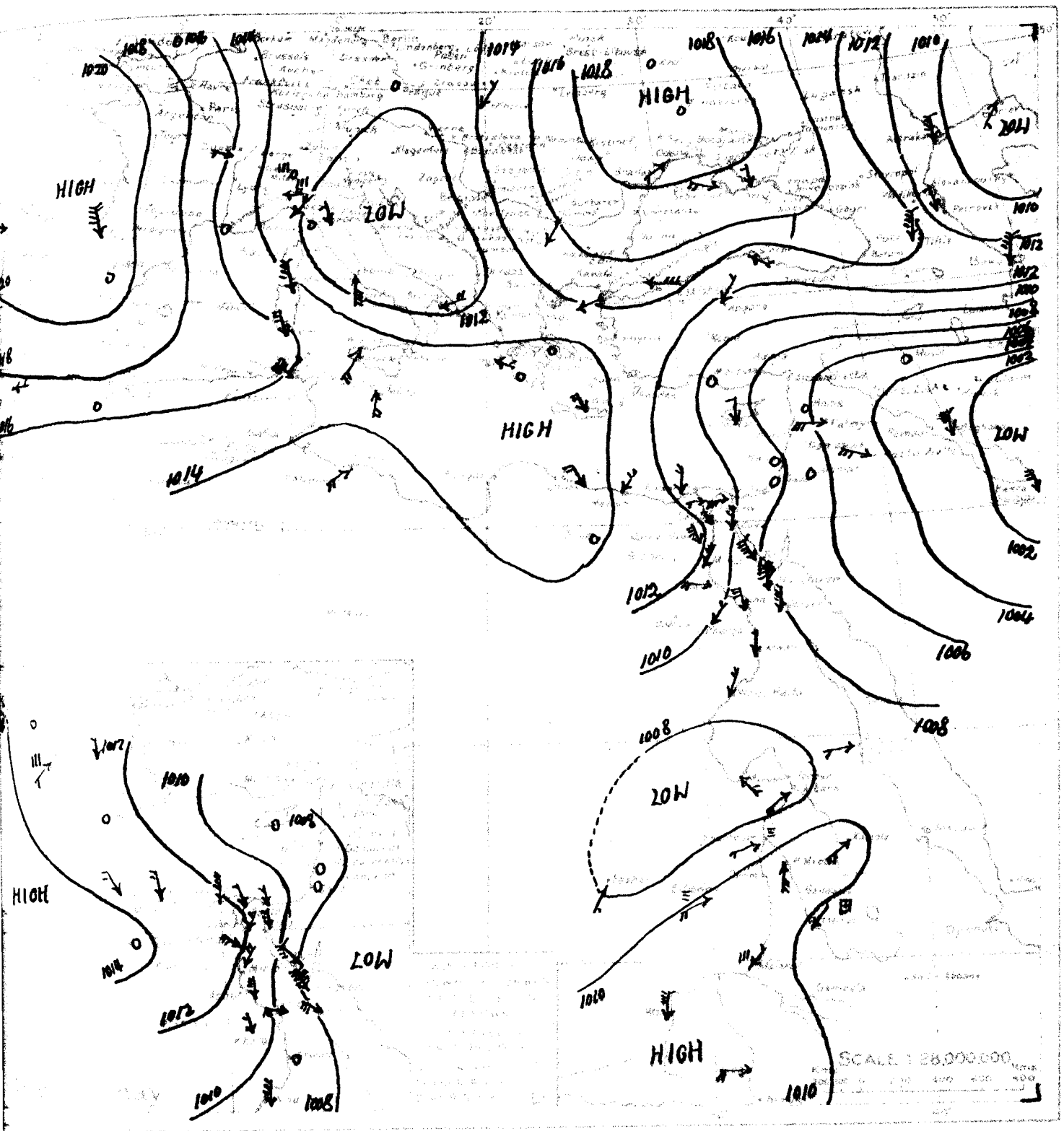
Suez	1.9	14.13	+0.33	14.17	+0.38
Nag' Hamadi	31.8	9.86	-0.20	9.85	-0.19
Manfalut	1.9	11.78	-0.16	11.77	-0.15
Roda	2.9	18.58	-0.45	18.82	-0.20
Semnar Res.	31.8	17.20	—	17.20	—
X Makwar	31.8	12.87	+0.78	13.21	+1.10
Khartoum	2.9	15.80	+0.13	15.86	+0.19
Kh. el Gebel	31.8	14.38	+0.23	14.96	+0.76
Atbara	2.9	15.44	+0.41	15.48	+0.44
Wadi Halfa	2.9	8.38	+0.69	8.22	+0.54
Aswan Res.	2.9	99.23	—	98.83	—
D.S.	2.9	92.40	+0.50	92.27	+0.39
El Lebbi	2.9	22.86	+0.47	22.81	+0.45
Roda (Cairo)	2.9	18.67	+0.26	18.63	+0.23

Terms: [illegible] Abroad [illegible]

PHYSICAL DEPARTMENT.

REPORT.

٣١-٩-١ Barometer and Wind at 8 h Yesterday 1.9.31.



٣١-٩-١ Hourly Observations taken at 8 h yesterday 1.9.31.

	1012.0	-3.0	-3.6	S	4	3	25	+6	—	28	—	18	—	? 10	—	—		749	—
	1014.5	+0.4	-2.9	S	2	2	26	+1		29	0	23	+2	80	—	0	338	431	1
	1014.2	0.0	0.0	—	0	0	24	0		—	—	—	—	50	—	—		379	—
	1014.6	+1.9	+0.8	NW	2	1	26	0		29	+1	20	-1	—	—	0	581	463	2
	1008.6	+1.2	-1.3	NNW	1	0	28	+1		32	0	19	0	—	—	0	393	465	1
Albara	1007.8	0.0	-0.5	SW	2	0	33.0	-1.0	+1.5	42	+2	27	+2	34	-4	0	84	76	—
Kassala	1010.6	+1.6	-0.8	SW	2	4	25.0	-1.0	-1.9	35	+1	22	-1	84	+16	0	181	275	—
El Fasher	1007.8	-0.4	—	SSW	1	1	26.0	+3.0	+1.4	32	-2	23	+3	69	+1	0	265	296	—
Malakal	1011.1	-0.3	-1.2	NE	1	1	26.3	+1.2	+1.3	31	-1	23	+2	80	-3	6	479	733	—
Wau	1010.7	+0.1	-0.6	N	5	4	24.0	0.0	-0.2	31	-1	23	+3	87	+3	0	731	962	—
Juba	1011.8	-0.2	—	W	2	2	24.2	+1.2	—	31	—	19	—	88	—	0	886	784	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 33

" " sunset 18 15

From Observations taken at 8h to-day

Thursday 3rd September, 1931

الخميس ٣ سبتمبر

Station	Barometer			Wind			Temperature							Humidity			Rainfall		
	1013.3	-0.3	+0.3	N	3	0	25.3	+1.1	-0.2	30		20		81	+9	0	57	101	4
	1012.7	-0.8	+0.2	NNW	3	0	26.4	+1.6	+1.0	28	0	20	-1	84	+7	0	179	158	3
	1012.0	-1.0	-0.6	NNE	2	1	26.3	-0.4	-0.1	30	-1	23	0	70	0	0	96	190	1
	1010.0	-1.1	-0.4	NNW	3	0	28.6	+0.6	+1.4	33	+2	25	+2	66	-5	0	62	82	3
	—	—	—	WNW	1	2	28.4	+1.4	+1.1	31	+1	21	+1	72	+1	0	251	376	
	1006.2	-2.0	-2.2	ESE	1	0	31.0	+1.4	+2.0	33	+2	27	+6	75	+7	0	665	648	2
	1011.2	-0.6		NW	1	0	25.8	-0.1		33		19		70		0	35		
	1011.0	-1.0	-0.6	NNW	2	4	24.8	-0.3	+0.4	33	-1	22	+2	76	-1	0	17	34	
	1011.1	-1.2	-0.6	NNW	1	3	24.1	-0.9	—	33	0	20	+1	81	—	0	21	31	
	1011.0	-1.2	-0.7	NW	2	2	24.1	+0.8	-0.2	33	0	21	0	74	+5	0	19	35	
	1014.0	-0.4	+1.8	—	0	0	25.3	+1.1	+0.3	34	-2	20	+1	61	-1	0	38	7	
	1009.3	-1.3	-1.5	N	2	1	25.8	-0.2	+0.5	32	-3	24	+1	85	+9	0	28	26	1
	1007.0	-0.8	-0.7	NW	1	0	29.0	+0.4	+1.0	34	+1	26	+3	69	-4	0	11	14	1
	1007.0	-0.9		NNW	6	0	28.4	-0.4		33		26		72		0	0		3
	1006.8	-1.2		NW	4	0	30.4	-0.9		33		28		56		0	15		4
	1012.3	-0.8	+0.3	N	3	0	25.7	-0.7	-0.4	35	0	20	0	64	-2	0	17		
	1010.4	-1.4		NNW	3	0	24.5	-1.0	-0.8	33	-1	20	0	76	+4				
	1010.3	-1.6	-0.3	WNW	3	0	25.0	+0.2	-0.8	34	-1	23	+1	68	+6	0	7		
	1007.9	-1.7		WSW	2	0	28.7	+1.3	-1.0	38	-1	26	+3	50	0				
	1009.3	-1.7		NE	1	0	29.0	+0.7		35		24		36		0	1		
	1008.0	-2.2	-1.0	—	0	0	29.5	+1.0	-0.8	37	-4	24	-1	42	+7				
	1008.4	-0.7	-1.4	—	0	0	28.6	-1.4	-0.3	38	-2	20	-3	26	-6				
	1007.8	+0.2	-1.0	NE	1	0	33.0	0.0	+0.8	45	+3	28	+2	30	-6	0	477	31	
	1007.9	+0.3	-0.4	W	2	1	34.0	-0.5	+2.3	42	+2	27	+2	31	-6	0	84	76	
	1008.4	+0.4	-0.9	WSW	1	2	27.7	-3.1	-0.5	39	+1	25	0	73	+10	dr.	183	135	
	1007.5	0.0	+0.3	—	0	0	35.5	+1.6	+0.5	37	-2	28	0	29	-17	0	112	122	0
	~~1012.6~~ 12	+1.8	+2.1	S	3	0	27.0	-2.5	+0.8	37	+1	23	+2	69	+1	0	324	337	
	1010.2	+1.9	-1.6	NNE	2	3	20.5	-6.0	-3.4	35	+2	20	-1	96	+16	46	685	639	
	1010.7	+2.0	-1.0	WNW	2	3	25.2	-4.6	-0.5	35	+1	18	-3	78	+5	50	286	278	
	1010.6	-0.4	-0.7	N	3	4	24.0	-1.0	-0.3	33	+1	21	+1	83	0	11	770	973	

9 15

10 N
25 NNE
20 NNE
15 NE

Stations	Humidity Mean of Day		Temperature Mean of Day	
	Mean Day	Diff. from normal	Mean Day	Diff. from normal
	%	%	°C	°C
Alexandria	68	0	22.9	+1.1
Ezbekiya	64	0	22.4	-0.1
Giza	65	0	22.3	—
Helwan	64	+10	21.3	+1.7

NOTE. A dash means that figures are not available.

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Abroad PT 150

Remarks

Discharges at Aswan measured by Sarras in m3 per sec.		
DATE	1931	1930
2.9	9073	6602
1.9	8676	6602

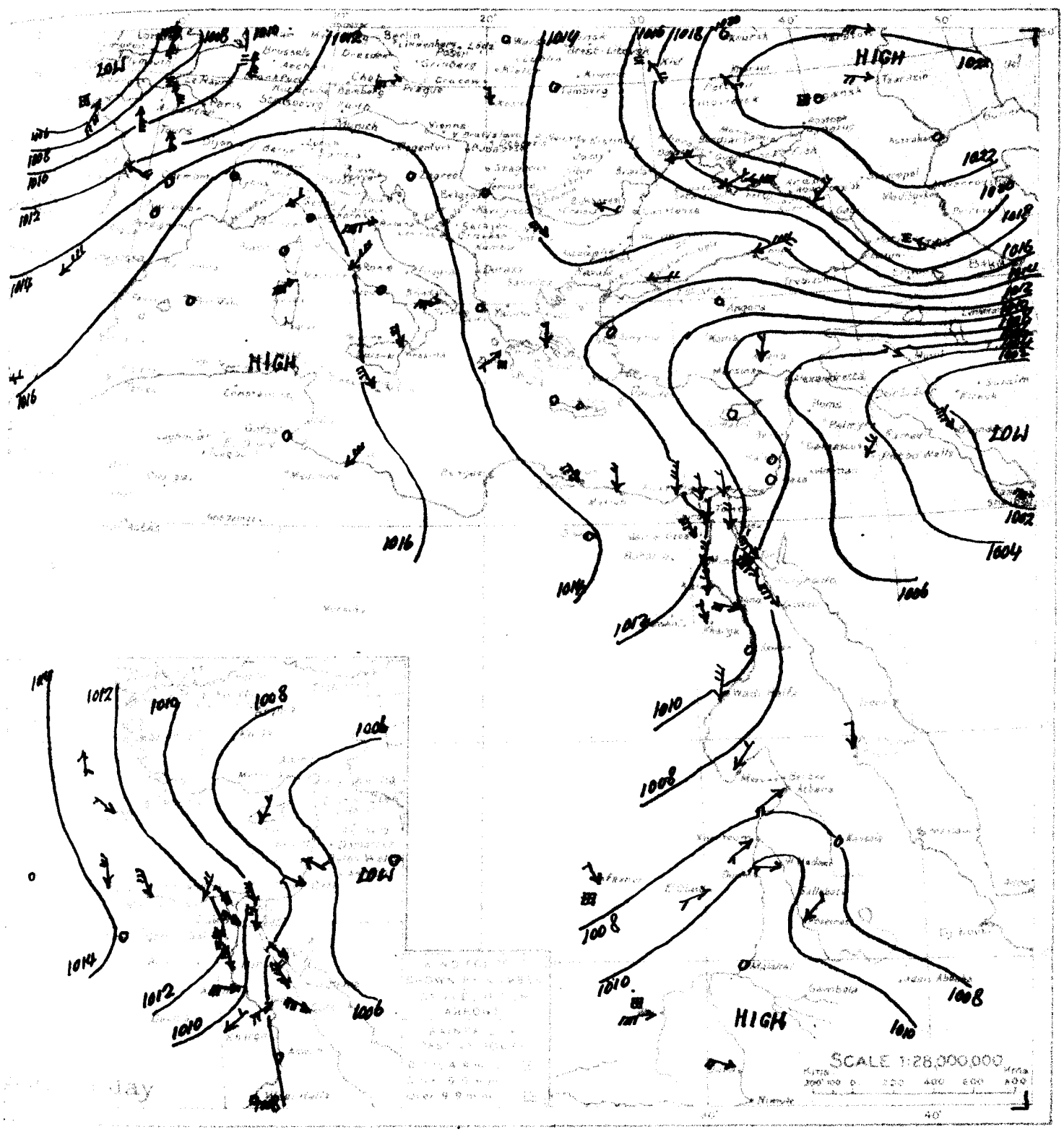
Station	Date 1931	Reading m	Diff. from normal m	Rise m	
Juba	2.9	14.35	+0.55	14.13	+0.33
Nimule	2.9	9.88	-0.20	9.87	-0.20
Malakal	2.9	11.78	-0.17	11.78	-0.16
Roseires	2.9	18.58	-0.45	18.82	-0.20
Sennar Res.	2.9	17.30	—	17.20	—
Makwar	2.9	11.52	-0.53	12.11	+0.05
Khartoum	3.9	15.74	+0.08	15.80	+0.13
Kn. el Girba	2.9	13.34	-0.68	13.98	-0.09
Atbara	3.9	15.38	+0.36	15.44	+0.41
Wadi Halfa	3.9	8.38	+0.68	8.38	+0.69
Aswan Res.	2.9	99.23	—	98.83	—
" D.S.	2.9	92.40	+0.50	92.27	+0.39
El Leithi	3.9	22.92	+0.52	22.86	+0.47
Roda (Cairo)	3.9	18.72	+0.28	18.67	+0.25

Printed at the Bureau of Survey (226/29/5960) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢-٩-٣١ Barometer and Wind at 8 h. Yesterday 2.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢-٩-٣١ From Observations taken at 8 h. yesterday 2.9.31.

	Barometer			Wind			Temperature							Humidity		Rainfall			Sea
	[illegible]	[illegible]	[illegible]	[illegible]	Force	Sky	[illegible]	[illegible]	[illegible]	[illegible]	Diff from normal	Minimum	Diff from normal	[illegible]	[illegible]	Past 24 hours	[illegible]	[illegible]	
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
[illegible]	1016.0	+4.0	+0.4	NE	3	0	19	-6	—	28	—	16	—	70	—	—	—	751	—
[illegible]	1015.6	+1.1	-1.8	NW	3	0	24	-2	—	29	0	22	+1	70	—	0	338	432	2
[illegible]	1012.3	-1.9	-2.0	N	1	0	25	+1	—	—	—	—	—	50	—	—	—	380	—
[illegible]	1013.5	-1.1	-0.4	—	0	0	28	+2	—	31	+3	21	0	—	—	0	581	463	1
[illegible]	1008.7	+0.1	-1.3	—	0	2	29	+1		33	0	19	0	—	—	0	393	465	1
Kassala كسلا	1008.0	-2.6	-3.4	—	0	0	28.0	+3.0	+1.1	36	+2	24	+1	77	+9	0	181	277	—
Wad Medani [illegible]	1010.8	-1.0	+0.3	W	2	0	29.5	+3.0	+3.4	36	+1	23	+2	61	-7	0	324	335	—
El Obeid [illegible]	1008.7	-1.6	-3.0	SW	1	1	29.8	+2.8	+4.1	33	-1	22	+1	63	-10	0	236	275	—
Juba [illegible]	1011.9	+0.1	—	WNW	2	2	24.2	0.0	—	33	—	20	—	87	—	0	886	788	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 34

" sunset 18 14

From Observations taken at 8h. to-day.

Friday 4th September, 1931 — الجمعة ٤ سبتمبر

STATION	Barometer Reduced to Sea Level	Diff. from normal	Diff. from yesterday	Wind Direction	Force	Sky	Temperature Max.	Diff. from normal	Diff. from yesterday	Min.	Diff. from normal	Diff. from yesterday	Humidity Max.	Diff. from yesterday	Min.	Diff. from yesterday	Rainfall	Diff. from normal	Sea
SOLUM	1013.6	+0.3	+0.5	NNW	2	2	25.7	+0.4	+0.3	29		21		76	+4	0	57	101	3
MATRUH	1013.0	+0.3	+0.4	NNW	2	0	26.8	+0.4	+1.4	28	0	23	+2	81	+4	0	179	158	2
ALEXANDRIA	1012.2	+0.2	-0.6	NNE	1	1	26.5	+0.2	+0.1	31	0	24	+1	72	+2	0	96	190	1
PORT SAID	1010.7	+0.7	+0.2	NNW	2	0	28.9	+0.3	+1.7	32	+1	25	+2	60	-11	0	62	82	3
SUEZ	—	—	—	—	0	0	27.9	-0.5	+0.6	32	+2	21	+1	68	-3	0	251	376	
[illegible]	1007.2	+1.0	-1.4	—	0	0	31.9	+0.9	+2.9	34	+3	26	+5	70	+2	0	665	648	1
[illegible]	1011.5	+0.3		NW	1	0	26.3	+0.5		34		21		68		0	35		
[illegible]	1011.6	+0.6	-0.1	NNW	1	1	24.0	-0.8	-0.3	33	0	22	+2	83	+6	0	17	34	
[illegible]	1011.4	+0.3	-0.4	NNW	1	1	24.8	+0.7	—	33	+1	20	+2	83	—	0	21	31	
[illegible]	1011.6	+0.6	-0.2	N	2	3	24.7	+0.6	+0.5	32	-1	23	+2	71	+2	0	19	35	
[illegible]	1014.8	+0.8	+2.5	NNE	1	0	29.4	+4.1	+4.5	37	+1	20	+1	49	-13	0	38	7	
[illegible]	1009.8	+0.5	-1.1	N	2	2	26.0	+0.2	+0.7	34	-1	23	0	83	+7	0	28	26	
[illegible]	1007.6	+0.6	-0.2	NW	4	0	28.2	-0.8	+0.2	32	-1	26	+3	69	-4	0	11	14	
[illegible]	1008.2	+1.2		NW	7	0	28.4	0.0		32		26		69		0	0		
[illegible]	1012.3	0.0	+0.2	N	3	0	26.0	+0.3	0.0	35	0	20	0	69	+3	0	17		
[illegible]	1011.4	+1.0		NNE	3	0	25.0	+0.5	-0.3	33	-1	21	+1	76	+4				
[illegible]	1011.2	+0.9	+0.5	NNW	3	0	25.4	+0.4	-0.3	34	-1	23	+1	64	+2	0	7		
[illegible]	1008.4	+0.5		W	1	0	28.7	0.0	-0.9	39	0	26	+3	51	0				
[illegible]	1009.5	+0.2		N	1	0	29.5	+0.5		37		23		39		0	1		
[illegible]	1008.4	+0.4	-0.6	N	1	0	30.8	+1.3	+0.6	39	-1	25	0	33	-2				
[illegible]	1008.3	-0.1	-1.6	N	1	0	27.6	-1.0	-1.2	37	-3	24	+1	32	0				
[illegible]	1007.5	-0.3	-1.3	NE	1	0	33.5	+0.5	+1.2	42	0	26	0	17	-18	0	31	31	
[illegible]	1009.0	+1.1	+0.7	SE	2	0	32.0	-2.0	+0.2	40	0	25	0	33	-3	0	84	77	
[illegible]	1008.2	-0.2	-1.1	SW	2	[illegible]	29.8	+2.1	+1.5	36	-2	27	+2	59	-3	0	183	136	
[illegible]	1007.6	+0.1	+0.3	NW	1	3	34.2	-1.3	-0.7	38	-1	29	+1	26	-20	0	112	122	
[illegible]	1007.9	-1.1	-3.4	S	1	[illegible]	28.5	+1.5	+1.4	34	-1	25	+2	77	+9	0	181	281	
[illegible]	1010.8	—	+0.3	S	3	0	24.5	-2.5	-1.7	35	-1	23	+1	92	+24	0	324	339	
[illegible]	1007.9	-2.3	-3.8	ENE	1	2	25.5	+5.0	+1.6	30	-3	20	-1	80	0	0	685	644	
[illegible]	1007.2	-1.8		WNW	1	0	26.0	+2.0	+1.3	32	-2	20	0	69	+2	0	277	299	
[illegible]	1009.8	-0.9	-1.9	SW	1	0	27.2	+2.0	+1.4	31	-3	21	0	79	+7	0	286	280	
[illegible]	1010.8	-0.8	-1.5	ENE	1	3	26.0	+2.0	+0.8	30	-2	23	+2	89	+7	0	481	748	
[illegible]	1010.2	-0.4	-1.1	W	2	0	26.4	+2.4	+2.1	32	0	22	+2	81	-2	0	770	978	
[illegible]	1011.6	-0.6		NNW	2	3	25.0	+0.2		32		21		87		0	886	795	

Rainfall for 24 hours from noon to-day.

STATIONS	Humidity Noon of Day: Greatest Day	Diff. from normal	Air Pulse Temperature Noon of Day: Greatest Day	Diff. from normal
	%	%	°C	°C
Alexandria	72	+4	23.7	+1.9
Ezbekiya	59	-5	21.6	-0.8
Giza	59	-6	21.5	—
Helwan	63	+9	21.3	+1.8

NOTE: A dash means that figures are not available.

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" " Abroad P.T.150 "

Remarks

Total rainfall for Meroue from August the 12th to September the 3rd, 1931 is incorrect.

مجموع الأمطار المدونة برصد مروى من ١٢ أغسطس الى ٣ سبتمبر ١٩٣١ كلها غير صحيحة

Discharges at Aswan measured by stages m³ per sec.	DATE	1931	1930
	3-9	9347	6859
	2-9	9073	6602

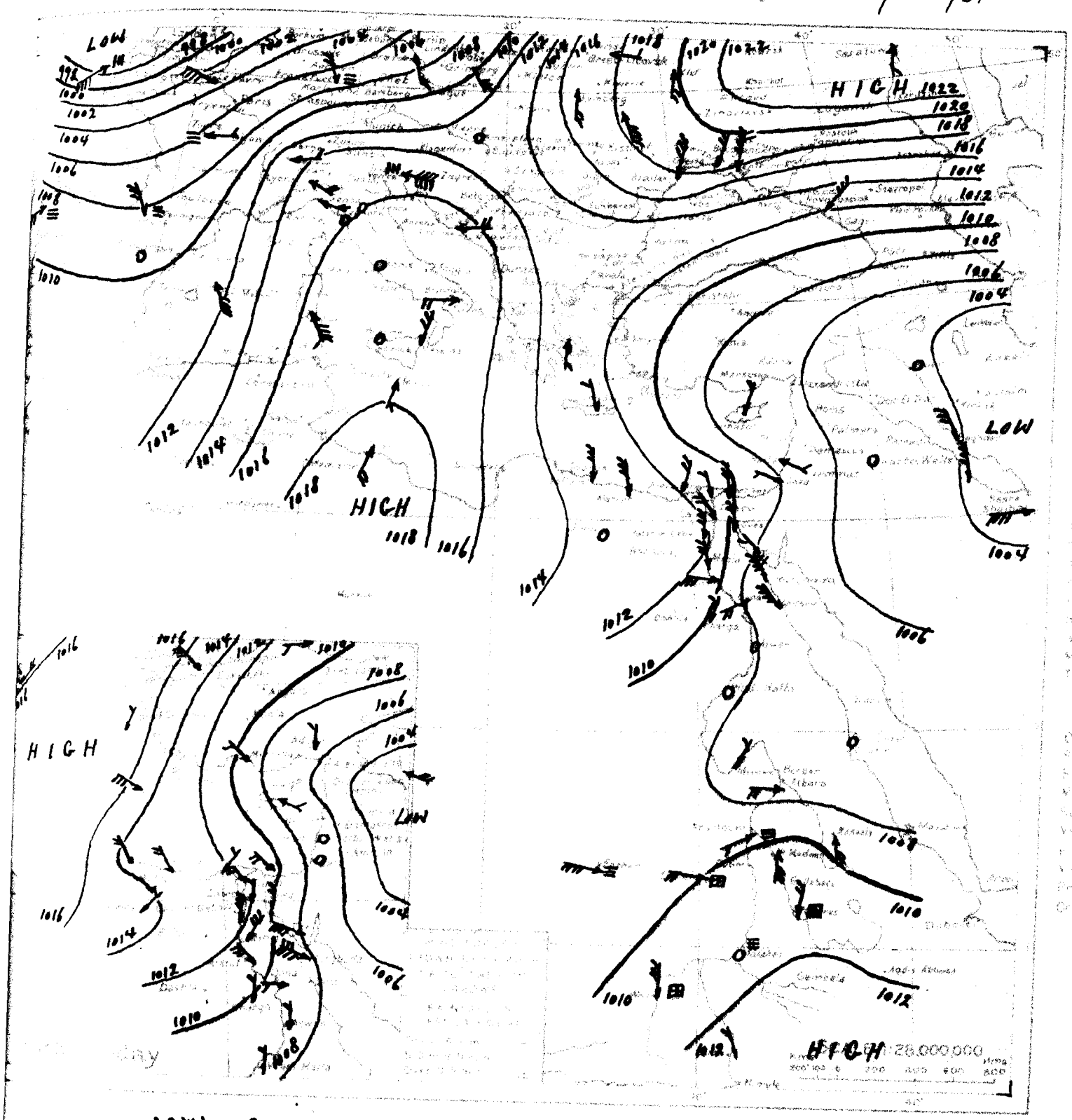
Gauge	Date 1931	Reading m	Diff. from normal m	Rainfall m	
Juba	2-9	14.35	+0.55	14.13	+0.33
Nasser	2-9	9.88	-0.20	9.87	-0.20
Malakal	2-9	11.78	-0.17	11.78	-0.16
Roseires	3-9	18.20	-0.84	18.58	-0.45
Sennar Res.	3-9	17.19	—	17.30	—
Makwar	3-9	11.25	-0.79	11.52	-0.53
Khartoum	3-9	15.74	+0.08	15.80	+0.13
Kn. el Girba	2-9	13.34	-0.68	13.98	-0.09
Atbara	3-9	15.38	+0.36	15.44	+0.41
Wadi Halfa	3-9	8.38	+0.68	8.38	+0.69
Aswan Res.	3-9	99.51	—	99.23	—
" D.S.	3-9	92.57	+0.65	92.40	+0.50
El Leithi	3-9	22.92	+0.52	22.86	+0.47
Roda (Cairo)	3-9	18.72	+0.28	18.67	+0.251

PRINTED AT THE SURVEY OF EGYPT 1930(39/689/1) 1930 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٩ -٣ Barometer and Wind at 8 h Yesterday 3 - 9 - 1931



١٩٣١ -٩ -٣ From Observations taken at 8 h yesterday 3 - 9 - 1931

	Barometer Reduced to Sea Level	Change in 24 hours	Change in 3 hours	Wind Direction	Force	Cloud	Temperature	Change in 24 hours	Change in 3 hours	Dew Point	Change in 24 hours	Change in 3 hours	Humidity Dew point from saturation	Humidity	Change in 24 hours	Rainfall	Rainfall	Rainfall	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
[illegible]	1016.7	+0.7	+1.1	—	0	0	22	+3	—	28	—	16	—	60	—	—	—	754	—
[illegible]	1016.6	+1.0	-0.8	SSW	1	0	23	-1	—	26	-3	19	-2	70	—	0	338	433	—
[illegible]	1012.8	+0.5	-1.6	S	1	0	25	0	—	—	—	—	—	40	—	—	—	380	—
[illegible]	1013.1	-0.4	-0.9	NW	1	1	28	0	—	30	+2	21	0	—	—	0	581	464	—
[illegible]	1007.4	-1.3	-2.8	NNE	1	0	29	0	—	33	+1	19	0	—	—	0	393	465	—
Kassala	1009.0	+1.0	-2.3	S	3	1	27.0	-1.0	0.0	33	-2	23	0	69	+1	0	181	279	—
El Fasher	1009.0	+1.1	—	WNW	4	3	24.0	-4.0	-0.6	35	+1	21	+1	75	+8	drops	277	298	—
Malakal	1011.6	0.0	-0.7	—	0	3	24.0	-3.9	-1.1	34	+2	22	+1	83	+1	2	481	743	—
Juba	1012.2	+0.3	—	NNW	1	3	24.8	+0.6	—	31	—	21	—	81	—	0	886	791	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 34m

" " sunset 18h 13m

From Observations taken at 8h. to-day.

Saturday 5th September, 1931 — ١٩٣١ السبت ٥ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1012.2	-1.4	-1.0	NNW	2	0	24.9	-0.8	-0.5	30	—	20	—	75	+3	0	57	101	3
	MATRUH	1011.4	-1.6	-1.4	NNW	3	2	26.0	-0.8	+0.7	28	0	24	+3	87	+10	0	179	158	3
	ALEXANDRIA	1010.4	-1.8	-2.5	NNE	1	1	26.4	-0.1	0.0	31	0	24	+1	66	-4	0	96	190	1
	PORT SAID	1009.6	-1.1	-1.0	W	2	3	26.9	-2.0	-0.3	33	+2	23	0	68	-3	0	62	82	1
	GAZA	—	—	—	—	0	0	26.8	-1.1	-0.5	31	+1	21	+1	69	-2	0	251	376	
	HAIFA	1006.8	-0.4	-2.0	—	0	0	29.9	-2.0	+1.0	33	+2	26	+5	89	+1	0	665	648	1
LOWER EGYPT	TANTA	1010.3	-1.2	—	WSW	1	0	25.5	-0.8	—	34	—	19	—	70	—	0	35	—	—
	CAIRO: EZBEKIYA	1010.2	-1.4	-1.6	—	0	1	24.9	+0.9	+0.7	33	0	21	+1	62	-15	0	17	34	—
	CAIRO: GIZA	1010.2	-1.2	-1.8	—	0	2	23.9	-0.9	—	32	0	18	0	76	—	0	21	31	—
	CAIRO: HELWAN	1010.3	-1.3	-1.7	NNW	2	1	23.8	-0.9	-0.4	32	-1	20	-1	63	-6	0	19	35	—
	SIWA	1013.6	-1.2	+1.2	—	0	0	24.6	-4.8	-0.2	35	-1	20	+1	73	+11	0	38	7	—
RED SEA	SUEZ	1008.4	-1.4	-2.6	N	2	0	24.0	-2.0	-1.2	33	-2	23	0	85	+9	0	28	26	2
	TOR	1006.7	-0.9	-1.2	NW	5	0	28.6	+0.4	+0.7	32	-1	26	+3	69	-4	0	11	14	5
	HURGHADA	1006.8	-1.4	—	NNW	7	1	28.8	+0.4	—	33	—	25		61	—	0	0	—	4
	QOSSEIR																			
UPPER EGYPT	GEBALE	1011.4	-0.9	-0.8	N	2	0	25.0	-1.0	-1.0	34	-1	20	0	68	+2	0	17		
	MINIA	1010.2	-1.2	—	N	3	0	24.5	-0.5	-0.7	33	-1	19	-1	72	-1				
	ASYUT	1009.5	-1.7	-1.3	NNW	3	0	24.8	-0.6	-0.7	34	-1	22	0	64	+2	0	7		
	QENA	1007.5	-0.9	—	WSW	2	0	27.4	-1.3	-2.1	41	+2	25	+3	50	-1				
	KIUSHEH	1008.8	-0.7		N	1	0	27.1	-2.4	—	37	—	23		55		0	1		
	ASWAN	1006.7	-1.7	-2.4	N	1	0	28.4	-2.4	-1.7	39	-1	25	+1	38	+3	—		—	
NORTH SUDAN	WADI HALFA	1007.4	-0.9	-2.6	N	4	0	29.2	+1.6	+0.5	38	-1	24	+1	28	-4				
	MEROWE	1005.5	-2.0	-3.3	NE	3	0	33.0	-0.5	+0.7	43	+1	27	+1	16	-19	0	31	31	
	KASSALA	1007.6	-1.4	-0.7	SW	2	0	33.0	+1.0	+1.2	41	+1	26	0	30	-5	0	84	77	
	KHARTOUM	1007.0	-1.2	-2.3	SSW	1	0	28.8	-1.0	+0.5	38	0	25	0	59	-2	0	183	136	
	PORT SUDAN	1006.3	-1.3	-1.1	NW	2	0	35.5	+1.3	+0.7	40	+1	29	+1	36	-10	0	112	122	2
	KORSAK	1006.6	-1.3	-4.7	S	1	0	29.0	+0.5	+1.9	36	+1	23	0	64	-3	0	181	283	
	WAD MEDANI	1007.5	-3.3	-3.0	S	3	1	26.5	+2.0	+0.2	36	0	22	0	69	+1	0	324	341	
	SENNAR	1007.5	-0.4	-4.2	NE	2	3	23.5	-2.0	-0.4	34	+1	21	+1	87	+7	10	695	649	
	EL FASHER	1005.1	-2.1		WSW	1	1	28.0	+2.0	+3.3	33	-2	23	+3	60	-6	0	277	299	
	EL OBEID	1009.0	-0.8	-2.7	SW	2	4	27.5	+0.3	+1.7	34	0	23	+2	78	+6	0	286	283	
	MELAKAL	1012.0	+1.2	-0.2	—	0	4	23.2	-2.8	-2.0	35	+3	22	+1	89	+7	23	504	753	
	NAZ	1009.5	-0.7	-1.7	NW	5	4	23.2	-3.2	-1.1	35	+3	22	+2	89	+6	77	847	983	
	GUBA	1011.8	+0.2	—	NW	2	4	23.0	-2.0	—	33	—	21	—	96	—	2	888	799	

Upper Wind observations at noon.

Height	Direction	Speed
500		
1000		
1500		
2000		
3000		

General Situation — حالة الجو

Forecast for 24 hours from noon to-day. — التنبؤ لغاية ٢٤ ساعة من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	72	+4	23.1	+1.4
Ezbekiya	66	+2	22.1	-0.3
Giza	65	0	22.2	—
Helwan	64	+10	21.9	+2.5

NOTE. A dash means that figures are not available.

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" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
5-9	9337	7103
4-9	9517	6987

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	4-9	14.22	+0.41	14.28	+0.47
Nasser	4-9	9.94	-0.18	9.93	-0.17
Malakal	4-9	11.79	-0.18	11.78	-0.18
Roseires	5-9	18.73	-0.27	18.75	-0.27
Sennar Res.	5-9	17.19	—	17.20	—
Makwar	5-9	10.93	-1.10	10.90	-1.13
Khartoum	5-9	15.56	-0.09	15.64	-0.01
Kh. el Girba	3-9	13.20	-0.78	13.34	-0.68
Atbara	5-9	15.19	+0.19	15.33	+0.33
Wadi Halfa	5-9	8.17	+0.46	8.28	+0.58
Aswan Res.	5-9	99.50	—	99.68	—
" D.S.	5-9	92.58	+0.65	92.62	+0.69
El Leithi	5-9	23.06	+0.60	23.02	+0.60
Roda (Cairo)	5-9	18.85	+0.37	18.81	+0.35

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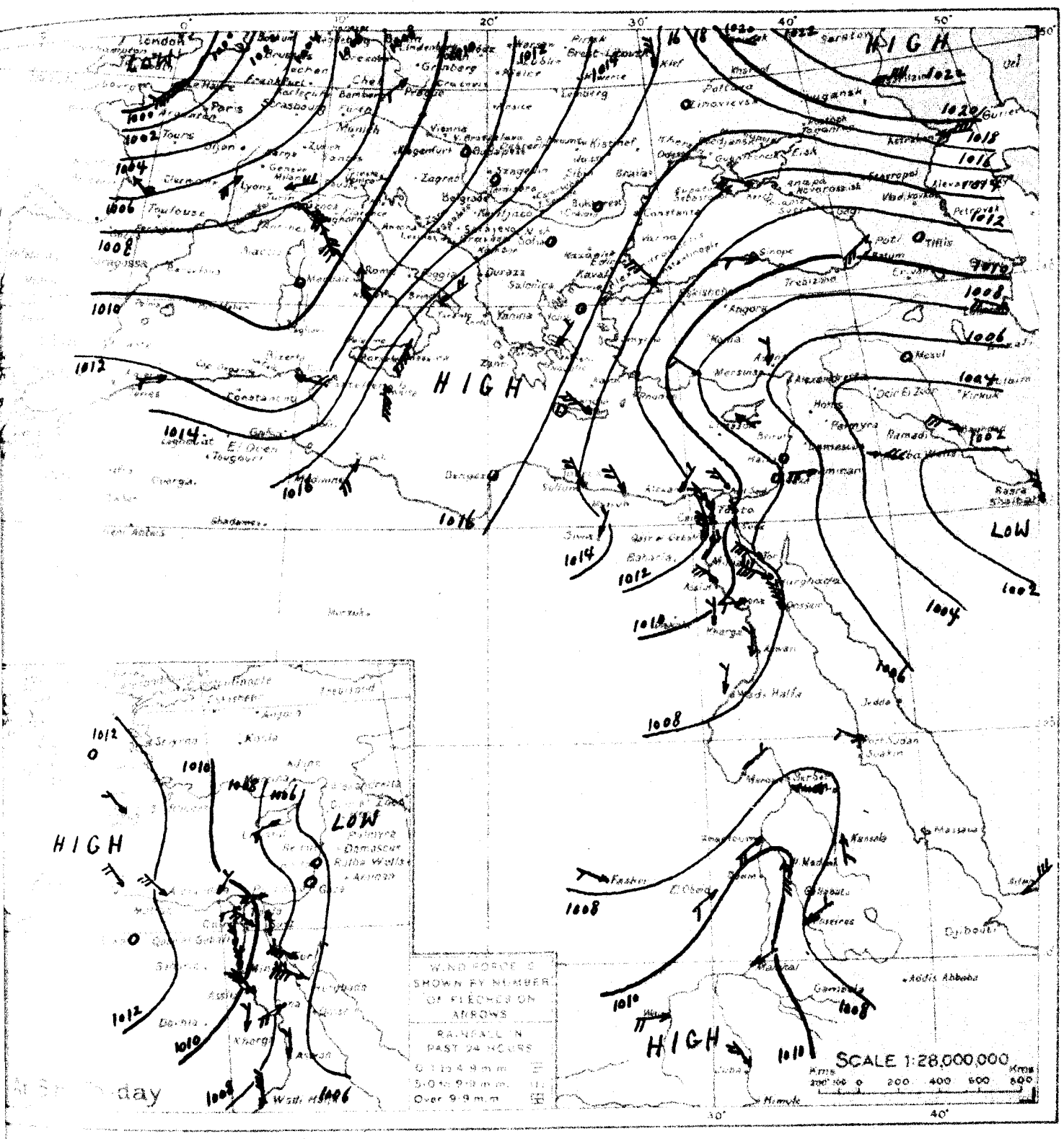
PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -٩ -٤ Barometer and Wind at 8 h. Yesterday 4 - 9 - 1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -٩ -٤ From Observations taken at 8 h. yesterday 4 - 9 - 1931

	Place	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.4	-5.3	-4.4	S	3	0	27	+5	—	29	—	19	—	40	—	—	—	756	—
	MALTA	1016.3	-0.3	-1.2	S	4	0	26	+3	—	28	-1	23	+2	70	—	0	338	434	1
	ATHENS	1016.6	+3.8	+2.2	NNE	1	0	23	-2	—	—	—	—	—	50	—	—	—	380	—
	CANDIA	1015.4	+2.3	+1.2	NW	3	3	26	-2	—	29	+1	23	+2	—	—	0	581	464	2
	LIMASSOL	1006.8	-0.6	-3.5	ESE	1	0	29	0		35	+3	19	0	—	—	0	393	465	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 5h 35m

" " sunset 18h 12m

From Observations taken at 8h. to-day.

Sunday 6th September, 1931 ١٩٣١ الأحد ٦ سبتمبر

	STATION	Barometer: Reduced to Sea level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1012.0	-0.2	-1.8	NNW	3	0	22.9	-2.0	-2.5	30	—	19	—	76	+4	0	57	101	4
	MATRUH	1011.2	-0.2	-1.7	NNW	2	0	24.8	-1.2	-0.5	28	0	20	-1	87	+10	0	179	158	2
	ALEXANDRIA	1010.7	+0.3	-2.8	NNW	1	2	26.4	0.0	+0.1	30	0	24	+1	80	+11	0	96	190	1
	PORT SAID	1009.8	+0.2	-0.9	SW	1	1	26.4	-0.5	-0.7	31	0	22	-1	76	+5	0	62	82	2
	GAZA																			
	HAIFA	1007.2	+0.4	-1.7	—	0	0	29.5	-0.4	+0.6	32	+1	25	+4	71	+3	0	665	648	1
LOWER EGYPT	TANTA	1010.2	-0.1	—	SW	1	3	24.0	-1.5	—	34	—	21	—	96	—	0	35	—	—
	CAIRO / EZBEKIYA	1010.0	-0.2	-1.9	NNW	1	3	24.8	-0.1	+0.7	32	-1	22	+2	78	+1	0	17	34	—
	GIZA	1010.3	+0.1	-1.9	—	0	3	24.1	+0.2	—	32	0	19	+1	88	—	0	21	31	—
	HELWAN	1010.4	+0.1	-1.7	NNW	1	2	23.6	-0.2	-0.5	32	-1	20	0	76	+6	0	19	35	—
	SIWA	1012.6	-1.0	+0.2	—	0	0	24.2	-0.4	-0.5	34	-2	19	0	70	+8	0	38	7	—
RED SEA	SUEZ	1009.1	+0.7	-2.0	N	2	1	24.0	0.0	-1.1	32	-3	21	-2	83	+7	0	28	26	1
	TOR	1006.7	0.0	-1.3	NW	4	0	29.0	+0.4	+1.1	33	0	23	0	64	-9	0	4	14	4
	HURGHADA	1007.1	+0.3	—	NNW	7	0	29.3	+0.5	—	33	—	20	—	53	—	0	0	—	4
	QOSSEIR	1006.8	—	—	N	5	0	30.8	—	—	33	—	27	—	44	—	0	15	—	5
UPPER EGYPT	GEBALI	1011.4	0.0	-0.9	NW	2	0	25.0	0.0	-0.9	34	-1	20	+1	70	+4	0	17	—	—
	MINYA	1010.3	+0.1	—	NNE	2	0	25.0	+0.5	-0.1	32	-1	20	0	80	+7	—	—	—	—
	ASSIUT	1010.3	+0.8	-0.6	WNW	2	0	26.2	+1.4	+0.8	34	0	22	0	59	-3	0	7	—	—
	QENA	1008.7	+1.2	—	WSW	3	0	27.1	-0.3	-2.3	41	+2	24	+2	44	-7	—	—	—	—
	KHARGA	1009.3	+0.5	—	—	0	0	27.8	+0.7	—	36	—	18	—	39	—	0	1	—	—
	ASWAN	1008.3	+1.6	-0.9	N	1	0	29.8	+1.4	-0.3	41	+1	24	0	30	-5	—	—	—	—
SOUTH SUDAN	WADI HALFA	1007.8	+0.4	-2.3	NE	2	0	28.0	-1.2	-0.6	38	-1	23	0	30	-2	—	—	—	—
	MEROWE																—	—	—	—
	ATBARA	1007.9	+0.3	-0.4	SW	2	0	33.5	+0.5	+1.6	43	+2	26	0	33	-1	0	84	77	—
	KHARTOUM	1009.0	+2.0	-0.3	SSW	4	1	27.8	-1.0	-0.6	38	0	25	0	73	+13	0	183	137	—
CENTRAL SUDAN	PORT SUDAN	1005.1	-1.2	-2.3	N	1	0	36.7	+1.2	+2.0	39	0	29	+1	35	-11	0	112	122	1
	KASSALA																—	—	—	—
	WAD MEDANI	1009.8	+2.3	-0.7	W	3	0	27.0	+0.5	+0.7	36	0	22	0	69	+1	0	324	343	—
	ROSEIRES	1009.6	+2.1	-2.1	SSW	1	2	24.5	+1.0	+0.5	39?	+6	23	+3	87	+7	0	695	654	—
EQUATORIAL SUDAN	EL FASHER	1008.6	+3.5	—	WNW	1	1	24.0	-4.0	-0.8	34	-1	21	+1	75	+9	0	277	300	—
	EL OBEID																—	—	—	—
	MALAKAL	1012.3	+0.3	+0.1	—	0	4	24.2	+1.0	-1.0	35	+3	21	0	84	+2	48	552	758	—
	WAU																—	—	—	—
	JUBA	1013.4	+1.6	—	NNW	1	4	22.6	-0.4	—	29	—	20	—	93	—	13	901	802	—

Upper Air Observations at Helwan at h. m. 8 45

Height (metres)	Kind of Rain	Direction
500	10	N
1000	15	N
1500		
2000		
3000		

General Situation الحالة العمومية

Forecast for 24 hours from noon to day. التوقعات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	79	+11	23.6	+2.0
Ezbekiya	59	-5	21.3	-1.0
Giza	66	+1	21.5	—
Helwan	46	-8	19.5	+0.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Total rainfall for Merowe from August the 12th to Sept, the 3rd, 1931 is incorrect.

مجموع الأمطار المدونة لمرسى مروى من ١٢ أغسطس الى ٣ سبتمبر كلها غير صحيحة.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
6.9	9159	7135
5.9	9337	7103

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	5.9	14.22	+0.41	14.22	+0.41
Nasser	5.9	9.95	-0.19	9.94	-0.18
Malakal	5.9	11.84	-0.14	11.72	-0.18
Roseires	5.9	18.73	-0.27	18.75	-0.27
Sennar Res.	5.9	17.19	—	17.20	—
Makwar	5.9	10.93	-1.10	10.90	-1.13
Khartoum	6.9	15.48	-0.18	15.56	-0.09
Kn. el Girba	3.9	13.20	-0.78	13.34	-0.68
Atbara	6.9	15.02	+0.03	15.19	+0.19
Wadi Halfa	6.9	8.11	+0.40	8.17	+0.46
Aswan Res.	6.9	99.32	—	99.50	—
" D.S.	6.9	92.48	+0.54	92.58	+0.66
El Leithi	6.9	23.16	+0.67	23.06	+0.60
Roda (Cairo)	6.9	18.94	+0.44	18.85	+0.37

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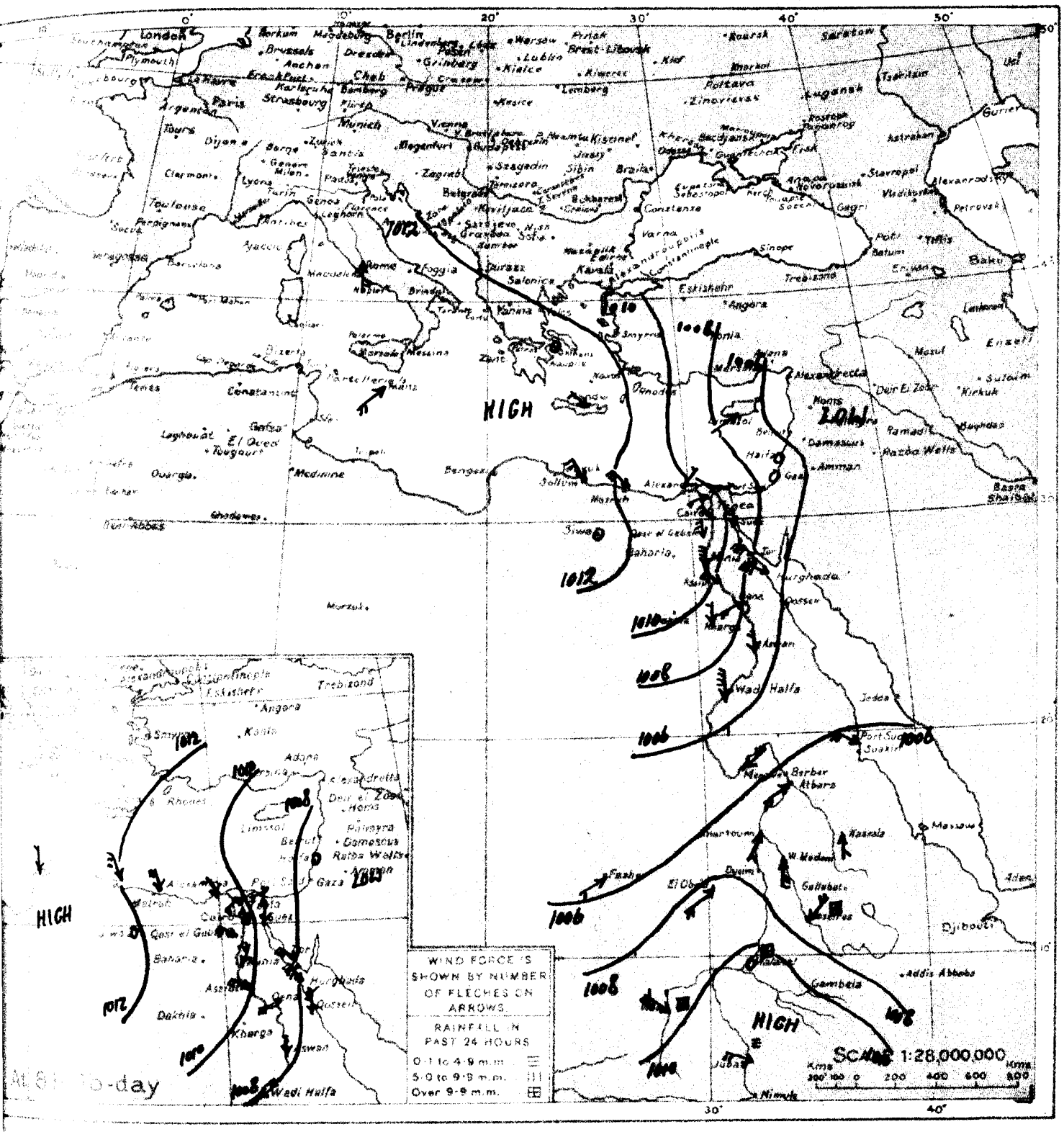
PHYSICAL DEPARTMENT.

REPORT.

٣١-٩-٥ Barometer and Wind at 8 h. Yesterday 5.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٩-٥ From Observations taken at 8 h. yesterday. 5.9.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.4	+1.0	-3.4	S	2	0	24	-3	—	30	—	20	—	50	—	—	—	758	—
	MALTA	1014.0	-2.3	-3.5	SW	2	3	26	0	—	28	-1	24	+3	80	—	0	338	435	1
	ATHENS	1012.8	-3.8	-1.8	—	0	0	24	+1	—	—	—	—	—	60	—	—	—	381	—
	CANDIA	1013.8	-1.6	-0.5	NW	1	0	28	+2	—	28	+1	21	0	—	—	0	581	465	1
	LIMASSOL	1006.2	-0.6	-4.2	WSW	1	0	29	0		33	+1	19	+1	—	—	0	393	465	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 35m

" " sunset 18h 11m

From Observations taken at 8h. to-day.

Monday 7th September, 1931 ١٩٣١ الاثنين ٧ سبتمبر

	STATION	Barometer: Reduced to Sea-level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Yesterday	Rainfall: Total from Oct. 1	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1011.6	-0.4	-1.8	—	0	0	26.2	+2.3	-0.1	30	—	19	—	83	+11	0	57	101	0
	MATRUH	1011.2	0.0	-1.8	WNW	3	0	24.7	-0.1	-0.5	28	0	20	-1	87	+10	0	179	158	1
	ALEXANDRIA	1011.0	+0.3	-2.1	WNW	1	0	25.9	-0.5	-0.4	31	+1	23	0	80	+11	0	96	190	1
	PORT SAID	1009.4	-0.4	-1.5	WNW	2	0	28.4	+2.0	+1.3	31	0	24	+1	72	+1	0	62	82	1
	GAZA	—	—	—	S	1	1	26.7	-0.9	-0.5	30	0	20	0	75	+5	0	251	376	—
	HAIFA	1006.3	-0.9	-2.7	ENE	1	0	29.7	+0.2	+0.9	32	+1	25	+4	70	+3	0	665	648	1
LOWER EGYPT	TANTA	1010.2	0.0	—	WSW	1	0	25.2	+1.2	—	35	—	19	—	80	—	0	35	—	—
	CAIRO (EZBEKIYA)	1010.2	+0.2	-1.8	NNW	1	2	24.9	+0.1	+0.9	33	0	21	+1	83	+6	0	17	34	—
	GIZA	1010.4	+0.1	-1.9	N	1	1	24.2	+0.1	—	33	+1	20	+2	88	—	0	21	31	—
	HELWAN	1010.0	-0.4	-2.2	NNW	2	0	23.8	+0.2	-0.3	33	0	22	+2	84	+15	0	19	35	—
	SIWA	1012.7	+0.1	+0.2	—	0	0	24.2	0.0	-0.4	36	0	19	0	68	+6	0	38	7	—
RED SEA	SUEZ	1008.6	-0.5	-2.6	N	3	2	24.0	0.0	-1.0	33	-2	23	-1	90	+13	0	28	26	2
	TOR	1006.3	-0.4	-1.8	NW	4	0	28.1	-0.9	+0.3	32	0	22	-1	70	-3	0	11	14	4
	HURGHADA	1005.8	-1.3	—	NNW	8	0	29.5	+0.2	—	34	—	24	—	35		0	0		4
	QOSSEIR	1006.4	-0.4		N	5	0	32.1	+1.3		34	—	27	—	30		0	15		4
UPPER EGYPT	GERGA	1011.2	-0.2	-1.2	NW	1	0	26.0	+1.0	+0.2	35	0	21	+2	69	+3	0	17		
	MINIA																			
	ASYUT	1010.0	-0.3	-1.0	W	2	0	27.0	+0.8	+1.7	34	0	22	0	47	-16	0	7		
	KENA	1007.6	-1.1	—	W	2	0	26.9	-0.2	-2.4	38	0	24	+2	51	0				
	KHARGA	1009.3	0.0		—	0	0	27.4	-0.4	—	37	—	24		36		0	1		
	ASWAN	1007.4	-0.9	-1.8	—	0	0	28.5	-1.3	-1.5	39	-1	24	0	32	-3				
SUDAN	WADI HALFA	1007.8	0.0	-2.3	NE	1	0	28.0	0.0	-0.4	37	-2	22	-1	31	-1				
	MEROWE	1007.2	-1.5	-1.7	NE	1	0	32.0	0.0	-0.3	44	+2	25	-1	19	-14	0	31	32	
	ATBARA																			
	KHARTOUM	1007.8	-1.2	-1.5	SW	3	1	28.1	+0.3	-0.4	38	0	25	0	70	+11	0	183	138	
	PORT SUDAN	1005.1	0.0	-2.4	NE	1	3	35.1	-1.6	+0.5	39	0	29	+1	35	-12	0	112	122	1
	KASSALA																			
	WAD MEDANI																			
	KOSSEIR	1007.9	-1.7	-3.7	SSW	1	3	24.5	0.0	+0.5	31	-2	22	+2	87	+7	0	695	659	
	EL FASHER	1007.4	-1.2	—	WNW	1	0	26.0	+2.0	+1.2	32	-3	22	+2	62	-3	0	277	301	
	EL OBEID	1009.0	-2.1	-2.7	WSW	2	0	28.0	+1.5	+2.1	31	-3	22	+1	73	+2	0	286	289	
	MALAKAL	1011.2	-1.1	-1.0	—	0	4	25.2	+1.0	-0.1	29	-3	23	+2	90	+8	0	652	763	
	WAU																			
	JUBA	1012.2	-1.2	—	NW	1	3	23.1	+0.5	—	31	—	20	—	90	—	0	901	806	

Upper Wind Observations at 8h. 45m

Height in Centimetres	Wind Speed	Direction
500	20	S
1000	20	SSW
1500		
2000		
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	78	+10	24.1	+2.6
Ezbekiya	64	0	23.0	+0.7
Giza	70	+4	23.4	—
Helwan	54	0	21.3	+2.0

NOTE. A dash means that figures are not available

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Remarks

Nasser River Gauge Reading for 10.8.31 is 9.57 m.

ملاحظة: قراءة النيل بمقياس الناصر يوم ١٠-٨-٣١ هي ٩,٥٧ متراً.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
7.9	8977	6979
6.9	9159	7135

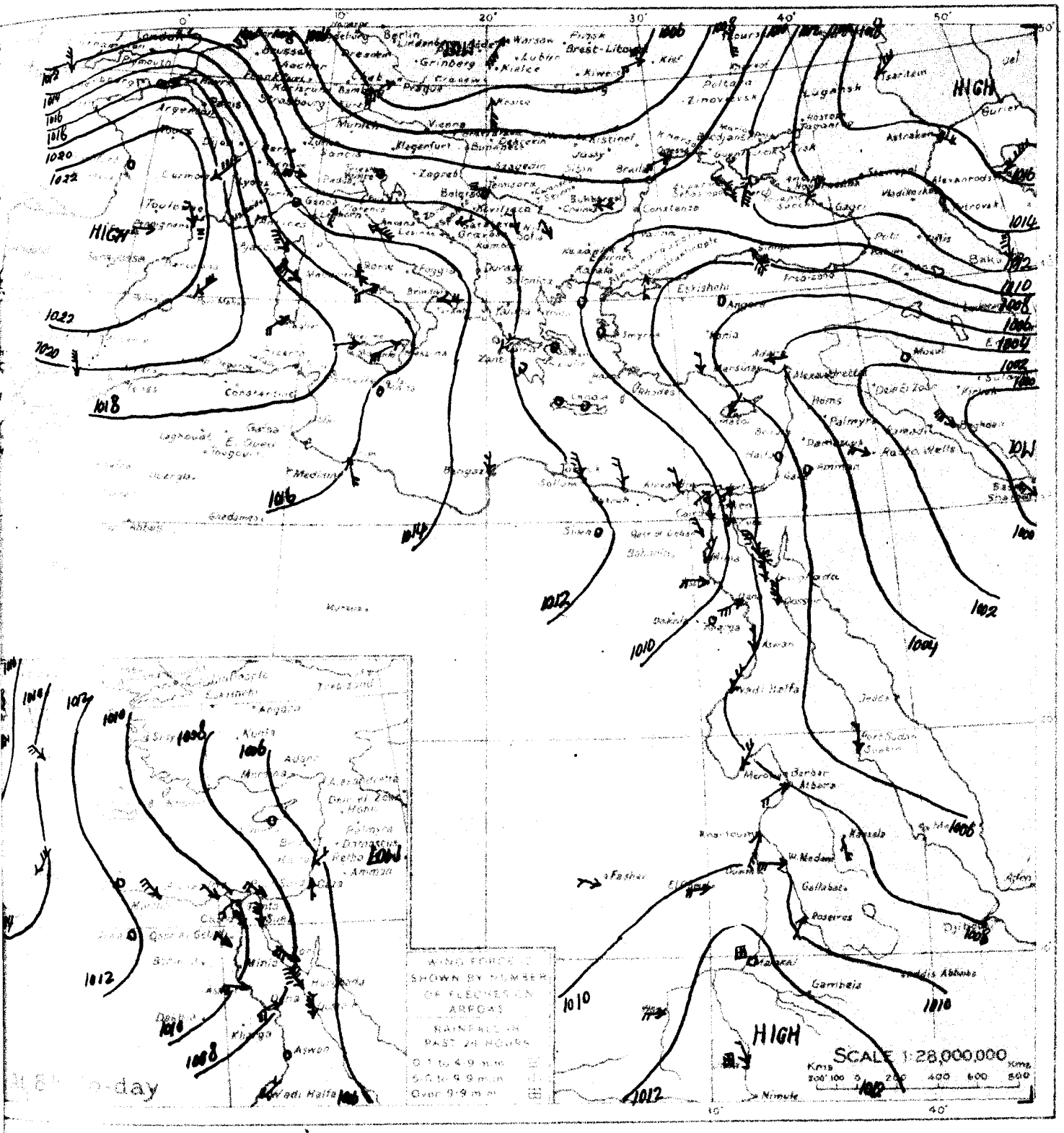
GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Diff from normal
	1931	m.	m.	m.	m.
Juba	6.9	14.46	+0.65	14.22	+0.41
Nasser	6.9	9.98	-0.17	9.95	-0.19
Malakal	6.9	11.88	-0.11	11.84	-0.14
Roseires	7.9	18.62	-0.30	18.16	-0.81
Sennar Res.	6.9	17.20	—	17.19	—
Makwar	6.9	11.24	-0.78	10.93	-1.10
Khartoum	6.9	15.48	-0.18	15.56	-0.09
Kh. el Girba	3.9	13.20	-0.78	13.34	-0.68
Atbara	6.9	15.02	+0.03	15.19	+0.19
Wadi Halfa	7.9	8.03	+0.34	8.11	+0.40
Aswan Res.	7.9	99.13	—	99.32	—
" D.S.	7.9	92.39	+0.46	92.48	+0.54
El Leithi	7.9	23.26	+0.74	23.16	+0.67
Roda (Cairo)	7.9	19.03	+0.53	18.94	+0.44

PRINTED AT THE SURVEY OF EGYPT 1928/29/55 (1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٦-٩-٣١ Barometer and Wind at 8 h. Yesterday 6.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٦-٩-٣١ From Observations taken at 8 h. yesterday 6.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff from normal	Max. temp. yesterday	Diff. from normal	Min. temp.	Diff. from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.2	+2.8	-0.6	S	2	0	22	-2	—	27	—	17	—	50	—	—	—	761	—
	MALTA	1015.6	+1.6	-1.9	—	0	0	26	0	—	30	+1	22	+1	70	—	0	338	436	1
	ATHENS	1010.3	-2.5	-4.4	—	0	0	27	+3	—	—	—	—	—	50	—	—	—	382	—
	CANDIA	1011.5	-2.3	-2.8	—	0	0	31	+3	—	31	+4	18	-3	—	—	0	581	465	1
	DJMASSOL	1006.4	+0.2	-4.2	NE	1	0	28	-1		34	+2	17	-1	—	—	0	393	466	3
EGYPT and SUDAN	Merowe مروى	1008.7	+3.2	-0.2	NE	2	0	32.0	-1.0	-0.3	45	+3	26	0	19	-15	0	31	32	—
	Kassala كسلا	1009.4	+2.8	-1.9	SSE	2	1	28.0	-1.0	+0.8	36	+1	21	-2	57	-10	0	181	285	—
	El Obeid الأبيض	1011.1	+2.1	-0.6	W	2	3	26.5	-1.0	+0.6	33	-1	21	0	79	+8	0	286	286	—
	Wau واو	1011.2	+1.7	0.0	W	2	2	24.0	+0.8	-0.3	29	-3	22	+2	83	0	0	847	988	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 35m

" " sunset 18h 09m

From Observations taken at 8h. to-day.

Tuesday 8th September, 1931 ١٩٣١ الثلاثاء ٨ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1010.4	-1.2	-3.2	NNW	4	2	25.1	-0.1	-0.2	35	—	21	—	81	+9	0	57	101	5
	MATRUH	1009.5	-1.7	-3.6	NNE	2	1	26.7	+2.0	+1.5	28	0	19	-2	84	+7	0	179	158	3
	ALEXANDRIA	1008.3	-2.7	-4.9	WNW	1	1	25.9	0.0	-0.4	30	0	24	+1	85	+16	0	96	190	4
	PORT SAID	1007.2	-2.2	-3.9	WNW	1	3	26.0	-2.4	-1.0	34	+4	23	0	83	+13	0	62	82	1
	GAZA	—	—	—	SW	1	0	26.9	+0.2	-0.2	31	+1	20	0	69	-1	0	251	376	—
	HAIFA	1004.8	-1.5	-4.3	—	0	0	29.9	+0.2	+1.1	33	+2	25	+4	69	+2	0	665	648	1
LOWER EGYPT	TANTA	1009.1	-1.1	—	W	1	4	24.2	-1.0	—	35	—	19	—	90	—	0	35	—	—
	CAIRO: EZBEKIYA	1008.2	-2.0	-3.9	—	0	8	22.0	-2.9	-1.9	34	+1	20	0	96	+19	0	17	34	—
	CAIRO: GIZA	1008.2	-2.2	-4.2	—	0	8	22.4	-1.8	—	34	+2	18	0	95	—	0	21	31	—
	CAIRO: HELWAN	1008.2	-1.8	-4.1	N	1	1	22.9	-0.9	-1.1	33	0	21	+1	85	+16	0	19	35	—
	SIWA	1010.7	-2.0	-1.9	W	1	0	22.9	-1.3	-1.5	37	+1	19	0	77	+15	0	38	7	—
RED SEA	SUEZ	1006.3	-2.3	-5.0	N	2	0	24.8	+0.8	-0.2	34	-1	22	-1	58	-19	0	28	26	2
	TOR	1005.0	-1.3	-3.3	NW	5	0	29.0	+0.9	+1.2	32	0	21	-2	58	-15	0	11	14	5
	HURGHADA	1005.4	-0.4		NNW	6	0	30.3	+0.8	—	35	—	23	—	39		0	0		3
	QOSSEIR	1005.3	-1.1		NNW	5	0	30.7	-1.4	—	34	—	26	—	42		0	15		4
UPPER EGYPT	SOHAG	1009.0	-2.2	-3.5	NW	1	0	25.0	-1.0	-0.7	35	0	19	0	62	-4	0	17		
	MINIA	1008.2	-1.8	—	NNE	2	0	24.5	-0.5	-0.4	34	+1	17	-3	64	-9				
	ASYUT	1008.0	-2.0	-3.1	WNW	2	0	25.5	-1.5	+0.3	34	0	21	-1	46	-17	0	7		
	LUXOR	1006.7	-0.9	—	WSW	2	0	27.8	+0.9	-1.4	39	+1	24	+2	38	-14				
	ASWAN	1006.6	-0.8	-2.7	—	0	0	28.3	-0.2	-1.5	39	-1	25	+1	29	-6	—	—	—	
	WADI HALFA	1006.8	-1.0	-3.4	NW	1	1	27.6	-0.4	-0.7	37	-2	24	+2	29	-3				
	MARGAE																			
	ELFASHER																			
	KHARTOUM	1006.8	-1.0	-2.5	—	0	1	29.8	+1.7	+1.3	38	-1	25	0	47	-11	0	183	138	
	ROSEIRES	1005.0	-0.1	-2.6	E	2	2	33.8	-1.3	-0.7	38	-1	29	+1	54	+7	0	112	122	2
	WAD MEDANI	1010.2	+1.5	-0.2	E	4	0	27.0	-1.5	+0.5	37	+1	23	+1	80	+13	0	324	348	
	KASSALA	1008.3	+0.4	-3.3	SSE	2	3	21.5	-3.0	-2.5	32	-1	21	+1	96	+16	tr.	695	664	
	EL FASHER																			
	EL OBEID	1007.8	-1.2	-3.9	WSW	2	3	27.5	-0.5	+1.5	35	+1	22	+1	74	+3	0	286	292	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Air Observations at Helwan at 8 h. 45 m.

Height (metres)	Km. per hour	Direction
500	20	NNW
1000	15	NE
1500		
2000		
3000		

General Situation الحالة الجوية

Forecast for 24 hours from noon to day. توقعات لغاية ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	80	+12	24.1	+2.7
Ezbekiya	60	-4	21.1	-1.1
Giza	67	+1	20.5	—
Helwan	52	-2	19.2	-0.1

NOTE. A dash means that figures are not available

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" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
8.9	8830	7063
7.9	8977	6979

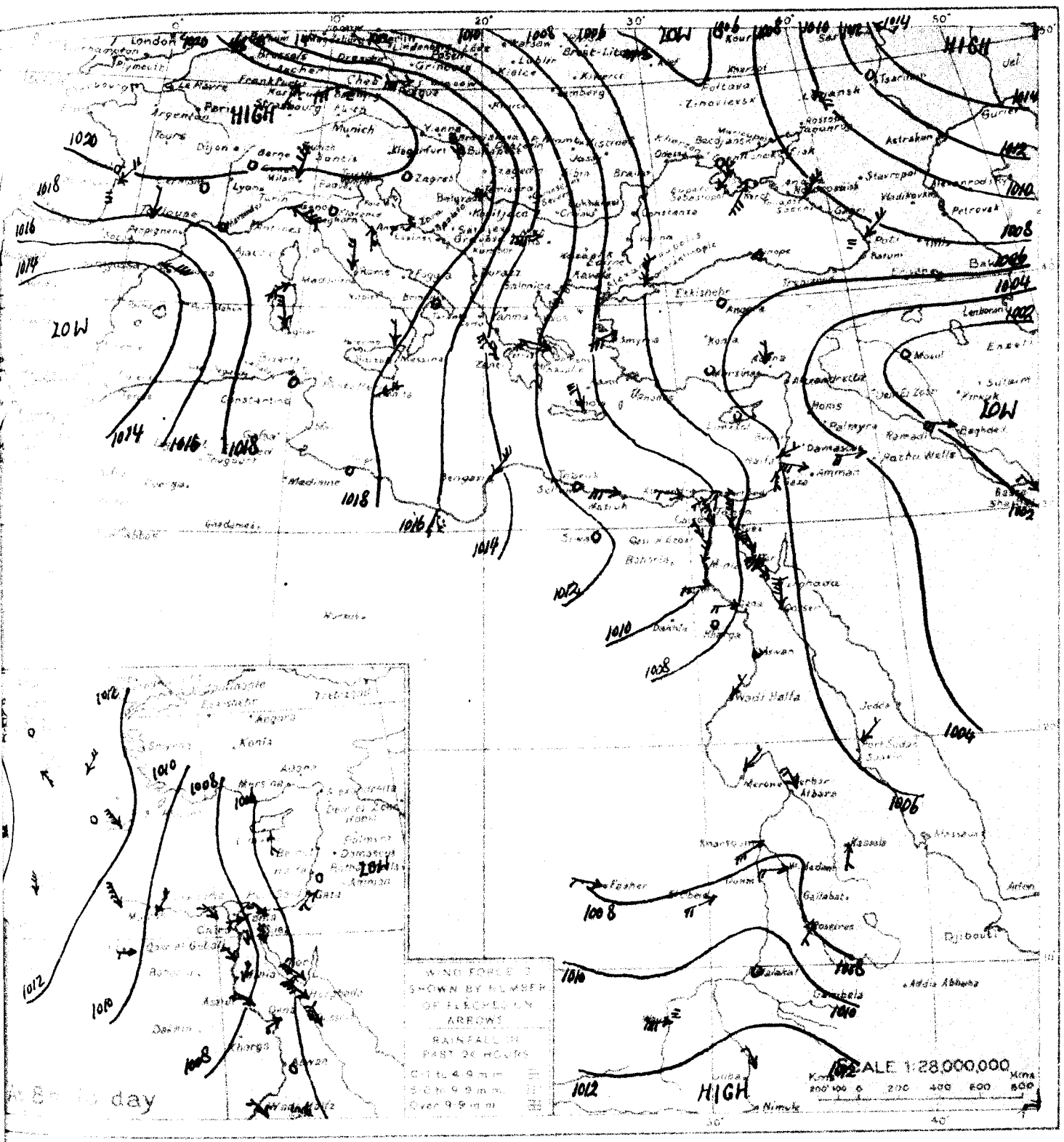
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	7.9	15.70	+1.89	14.46	+0.65
Nasser	7.9	9.99	-0.18	9.98	-0.17
Malakal	7.9	11.89	-0.11	11.88	-0.11
Roseires	8.9	18.63	-0.25	18.62	-0.30
Sennar Res.	7.9	17.20	—	17.20	—
Makwar	7.9	10.88	-1.14	11.24	-0.78
Khartoum	8.9	15.44	-0.24	15.44	-0.23
Kh. el Girba	5.9	13.18	-0.75	13.18	-0.76
Atbara	8.9	14.82	-0.14	14.92	-0.06
Wadi Halfa	8.9	7.99	+0.30	8.03	+0.34
Aswan Res.	8.9	98.98	—	99.13	—
" D.S.	8.9	92.30	+0.38	92.39	+0.46
El Leithi	8.9	23.38	+0.83	23.26	+0.74
Roda (Cairo)	8.9	19.15	+0.44	19.03	+0.53

PRINTED AT THE SURVEY OF EGYPT 1929(29/569/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٩-٧ Barometer and Wind at 8 h. Yesterday 7.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٩-٧ From Observations taken at 8 h. yesterday 7.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	CAIRO	1018.8	+3.6	+2.9	N	2	0	16	-6	—	26	—	10	—	50	—	—	—	763	—
	MALTA	1017.1	+1.5	-0.5	ENE	2	0	25	-1	—	27	-1	22	+1	70	—	0	338	437	2
	ATHENS	1011.8	+1.5	-3.0	WNW	2	0	25	-2	—	—	—	—	—	20	—	—	—	382	—
	CANDIA	1011.9	+0.4	-2.5	NW	3	0	28	-3	—	32	+5	22	+1	—	—	0	581	466	2
	LIMASSOL	1006.0	-0.4	-4.7	—	0	0	29	+1		33	+1	20	+2	—	—	0	393	466	2
EGYPT and SUDAN	Minya المنيا	1010.0	-0.3	—	N	3	0	25.0	0.0	0.0	33	0	21	+1	72	-1	—	—	—	—
	Atbara عطبرة	1007.5	-0.4	-0.8	NNE	2	0	33.0	-0.5	+1.0	42	+1	28	+2	32	-1	0	84	77	—
	Kassala كسلا	1007.9	-1.5	-3.3	S	1	0	29.0	+1.0	+1.7	34	-1	23	0	55	-12	0	181	287	—
	Wad Madani ودمدني	1008.7	-1.1	-1.7	W	2	0	28.5	+1.5	+2.1	34	-2	21	-1	64	-3	0	324	346	—
	Wau واو	1010.8	-0.4	-0.4	W	5	3	23.8	-0.2	-0.5	30	-2	22	+2	89	+6	3	850	994	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 36m

" " sunset 18h 08m

From Observations taken at 8h. to-day.

Wednesday 9th September, 1931 ١٩٣١ الاربعاء ٩ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1012.0	+1.6	-1.7	NNW	2	1	24.1	-1.0	-1.1	30	—	20	—	79	+7	0	57	101	3
	MATRUH	1010.8	+1.3	-2.4	NNW	2	0	24.5	-2.2	-0.6	28	0	20	0	86	+9	0	179	158	3
	ALEXANDRIA	1010.0	+1.7	-3.3	NNW	4	0	26.4	+0.5	+0.2	31	+1	24	+2	73	+4	0	96	190	3
	PORT SAID	1008.7	+1.5	-2.5	NW	2	1	28.2	+2.2	+1.2	33	+3	25	+2	69	-1	0	62	82	1
	GAZA	—	—	—	—	0	8	27.4	+0.5	+0.3	30	0	21	+1	78	+8	0	251	376	—
	HAIFA	1005.6	+0.8	-3.7	—	0	1	29.6	-0.3	+0.9	33	+2	25	+4	71	+4	0	665	648	1
LOWER EGYPT	TANTA	1011.1	+2.0	—	W	1	0	25.6	+1.4	—	36	—	24	—	74	—	0	35	—	—
	CAIRO: EZBEKIYA	1009.5	+1.3	-2.7	NNW	2	0	25.8	+3.8	+2.0	35	+2	22	+2	70	-7	0	17	34	—
	GIZA	1009.8	+1.6	-2.7	N	2	0	24.5	+2.1	—	36	+4	21	+3	80	—	0	21	31	—
	HELWAN	1009.3	+1.1	-3.1	N	1	1	24.1	+1.2	+0.2	34	+1	22	+2	76	+7	0	19	35	—
	SIWA	1012.7	+2.0	0.0	N	1	0	23.5	+0.6	-0.8	36	0	20	+1	78	+16	0	38	7	—
RED SEA	SUEZ	1008.0	+1.7	-3.4	NW	2	4	26.0	+1.2	+1.1	35	0	24	+2	80	+3	0	28	26	1
	TOR	1005.1	+0.1	-3.3	NW	5	0	29.0	0.0	+1.3	32	0	20	-3	71	-2	0	11	14	5
	HURGHADA	1005.3	-0.1	—	NNW	6	0	30.0	-0.3	—	36	—	24	—	48	—	0	0	—	3
	QOSSEIR			—						—		—		—		—				
UPPER EGYPT	GERGE	1010.4	+1.4	-2.2	NW	2	0	26.0	+1.0	+0.4	37	+3	21	+2	66	-1	0	17	—	—
	MINIA	1008.6	+0.4	—	NE	3	0	25.5	+1.0	+0.7	34	+1	22	+2	78	+5	—	—	—	—
	ASYUT	1008.6	+0.6	-2.6	NW	3	0	26.2	+0.7	+1.2	35	+1	23	+1	66	+3	0	7	—	—
	QENA	1006.6	-0.1	—	W	2	0	27.8	0.0	-1.3	40	+2	24	+2	44	-8	—	—	—	—
	KHARGA	1007.6	-0.2	—	—	0	0	29.0	+2.2	—	37	—	18	—	39	—	0	1	—	—
	ASWAN	1006.6	0.0	-2.8	—	0	0	29.3	+1.0	-0.4	39	-1	24	0	34	-1	—	—	—	—
NORTHERN SUDAN	WADI HALFA	1006.8	0.0	-3.5	E	1	0	27.2	-0.4	-1.0	39	0	22	0	26	-6	—	—	—	—
	MEROWE																			—
	ATBARA	1008.0	+0.5	-0.3	NE	2	0	34.5	+0.5	+2.4	41	0	27	+1	27	-4	0	84	78	—
	KHARTOUM	1009.4	+2.6	+0.2	S	4	1	29.0	-0.8	+0.4	38	-1	27	+2	60	+3	0	183	139	—
CENTRAL SUDAN	PORT SUDAN	1006.2	+1.2	-1.5	SE	1	0	36.0	+2.2	+1.5	37	-1	29	+1	47	0	0	112	122	1
	KASSALA																			—
	WAD MEDANI	1008.3	-1.9	-2.1	SSE	4	1	23.5	-3.5	-3.0	37	+1	21	-1	83	+16	0	324	350	—
	ROSEIRES	1011.5	+3.2	-0.1	ENE	1	4	20.5	-1.0	-3.5	30	-3	20	0	96	+16	6	701	670	—
SOUTHERN SUDAN	EL FASHER	1006.7	-1.1	—	WNW	1	0	26.0	-1.0	+1.2	39	+4	21	+1	62	-1	0	277	303	—
	EL OBEID																			—
	MALAKAL																			—
	RUD																			—
	JUBA	1011.1	0.0	—	NW	3	1	24.4	-0.4	—	32	—	19	—	84	—	1	907	813	—

Upper Wind Observations at Helwan at 8h 30m

Height in Metres	Speed in Knots	Direction
500	40	N
1000	20	NNE
1500	20	N
2000	20	NNE
3000		

General Situation

الحالة العامة

Forecast for 24 hours from noon to-day.

توقعات الطقس لغاية ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Air Temperature Mean of Day: Yesterday	Air Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	83	+15	24.5	+3.1
Ezbekiya	73	+9	22.0	-0.2
Giza	73	+7	22.3	—
Helwan	64	+10	20.4	+1.1

NOTE. A dash means that figures are not available

Terms of Subscription By inland Post, PT 100 annually

" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
8.9	8830	7063
7.9	8977	6979

GAUGE	Date	Reading	Diff from normal	Previous Day: Reading	Previous Day: Diff from normal
	1931	m.	m.	m.	m.
Juba	8.9	14.38	+0.58	15.70	+1.89
Nasser	8.9	10.00	-0.18	9.99	-0.16
Malakal	8.9	11.91	-0.09	11.89	-0.11
Roseires	9.9	18.78	-0.05	18.63	-0.25
Sennar Res.	8.9	17.20	—	17.20	—
Makwar	8.9	11.07	-0.94	10.88	-1.14
Khartoum	8.9	15.44	-0.24	15.44	-0.23
Kh. el Girhd	7.9	13.64	-0.25	13.20	-0.73
Atbara	8.9	14.82	-0.14	14.92	-0.06
Wadi Halfa	9.9	7.95	+0.27	7.99	+0.30
Aswan Res.	8.9	98.98	—	99.13	—
" D.S.	8.9	92.30	+0.38	92.39	+0.46
El Leithi	9.9	23.40	+0.85	23.38	+0.83
Roda (Cairo)	9.9	19.24	+0.78	19.15	+0.64

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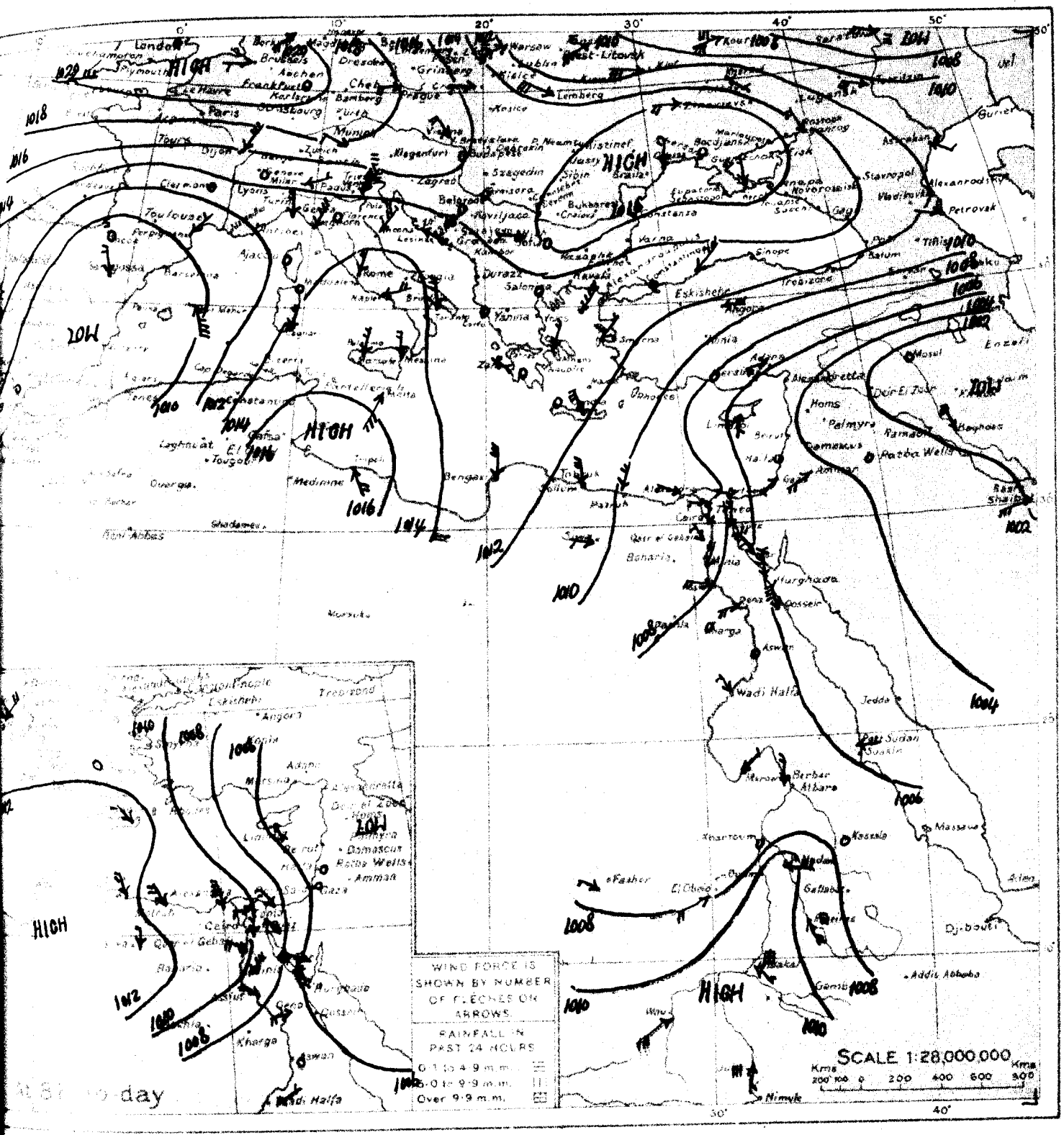
PHYSICAL DEPARTMENT.

REPORT.

٨-٩-٣١ Barometer and Wind at 8 h. Yesterday 8.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨-٩-٣١ From Observations taken at 8 h. yesterday. 8.9.31.

		Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.4	-4.4	-1.5	NE	2	3	19	+3	—	25	—	13	—	60	—	—	—	766	—
	MALTA	1014.3	-2.8	-3.3	SSW	3	1	24	-1	—	27	-1	21	0	70	—	0	338	438	1
	ATHENS	1013.0	+1.2	-1.8	NNE	2	0	24	-1	—	—	—	—	—	40	—	—	—	382	—
	CANDIA	1012.4	+0.5	-2.2	NW	3	1	27	-1	—	31	+4	22	+1	—	—	0	581	466	3
	LIMASSOL	1004.2	-1.8	-6.6	S	1	0	28	-1		34	+2	19	+1	—	—	0	393	466	2
EGYPT and SUDAN	Khartoum الخرطوم	1007.8	-1.5	—	—	0	0	26.8	-0.6	—	37	—	17	—	37	—	0	1	—	—
	Merowe مروى	1006.3	-0.9	-2.6	NE	1	0	32.0	0.0	-0.3	42	0	27	+1	24	-8	0	31	32	—
	Atbara عطبره	1007.5	0.0	-0.8	N	2	0	34.0	+1.0	+1.9	41	0	26	0	31	-1	0	84	78	—
	Kassala كسلا	1006.6	-1.3	-4.6	—	0	0	28.0	-1.0	+0.7	35	0	21	-2	51	-15	0	181	289	—
	El Fasher الفاشر	1007.8	+0.4	—	WNW	1	0	27.0	+1.0	+2.2	38	+3	22	+2	66	+2	0	277	302	—
	Malakal الملاكل	1009.4	-1.8	-2.7	SE	1	3	24.9	-0.3	-0.4	—	—	22	+1	92	+10	31	583	768	—
	Wau واو	1010.2	-0.6	-1.0	SW	3	4	23.2	-0.6	-1.2	31	-1	23	+3	89	+6	0	850	999	—
	Juba جوبا	1011.1	-1.1	—	S	1	2	24.8	+1.7	—	32	—	21	—	83	—	5	906	809	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 37 m

" " sunset 18 h 07 m

From Observations taken at 8h. to-day.

Thursday 10th September, 1931 — الخميس ١٠ سبتمبر ١٩٣١

	STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff. from normal (mb)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1st to yesterday (mm)	Rainfall: Normal from Oct. 1st to yesterday (mm)	Sea
MEDITERRANEAN	SOLLUM	1013.4	+1.4	-0.4	NW	1	0	26.4	+2.3	+1.2	30	—	21	—	72	0	0	57	101	1
	MATRUH	1012.3	+1.5	-1.0	NNW	2	0	24.6	+0.1	-0.5	28	0	22	+2	89	+12	0	179	158	3
	ALEXANDRIA	1011.6	+1.6	-1.8	WNW	2	0	26.3	-0.1	+0.1	30	0	23	+1	76	+7	0	96	190	2
	PORT SAID	1011.0	+2.3	-0.3	WSW	2	2	27.2	-1.0	+0.3	33	+3	24	+1	74	+4	0	62	82	3
	GAZA	—	—	—	—	0	2	28.2	+0.8	+1.2	32	+2	23	+3	71	+1	0	251	376	—
	HAIFA	1007.8	+2.2	-1.6	—	0	0	31.3	+1.7	+2.6	34	+3	26	+5	68	+1	0	665	648	1
LOWER EGYPT	TANTA	1011.2	+0.1	—	SW	1	0	24.5	-1.1	—	35	—	19	—	79	—	0	35	—	—
	CAIRO / EZBEKIYA	1011.4	+1.9	-0.9	NNW	2	3	24.0	-1.8	+0.3	34	+1	21	+1	82	+5	0	17	34	—
	GIZA	1011.5	+1.7	-1.1	NW	1	1	23.1	-1.4	—	33	+1	18	0	90	—	0	21	31	—
	HELWAN	1011.6	+2.3	-0.9	N	1	0	24.0	-0.1	+0.1	34	+1	22	+2	74	+5	0	19	35	—
	SIWA	1014.2	+1.5	+1.4	—	0	0	23.9	+0.4	-0.3	36	0	19	0	72	+10	0	38	7	—
RED SEA	SUEZ	1009.9	+1.9	-1.6	N	2	0	25.5	-0.5	+0.7	34	0	24	+2	72	-5	0	28	26	2
	TOR	1007.4	+2.3	-1.2	NW	4	0	28.2	-0.8	+0.5	32	0	23	0	82	+9	0	11	14	4
	HURGHADA	1007.8	+2.5		NNW	7	0	28.5	-1.5	—	34	—	27	—	67		0	0		3
	QOSSEIR	1008.2	—	—	NW	5	0	[illegible]	—	—	34	—	26 28	—	47		0	15		3
UPPER EGYPT	GERGA	1011.8	+1.4	-0.9	N	3	0	25.0	-1.0	-0.5	37	+3	20	+1	68	+1	0	17		
	MINYA	1010.7	+2.1	—	NNW	3	0	23.7	-1.8	-1.1	34	+1	20	0	81	+8				
	ASYUT	1011.5	+2.9	+0.2	WNW	3	0	24.1	-2.1	-0.8	36	+2	22	0	72	+9	0	7		
	KENA	1009.0	+2.4		WNW	2	0	28.0	+0.2	-1.0	40	+2	24	+2	60	+8				
	KHARGA	1009.1	+1.5		NNE	1	0	28.5	-0.5	—	37	—	24		51		0	1		
	ASWAN	1008.3	+1.7	-1.2	—	0	1	30.2	+0.9	+0.6	41	+1	25	+1	35	0	—	—	—	—
SOUDAN	WADI HALFA	1008.7	+1.9	-1.7	N	1	0	27.2	0.0	-0.9	39	0	22	0	40	+8		—	—	
	MEROWE																			
	ATBARA	1008.3	+0.3	0.0	SW	2	0	32.5	-2.0	+0.3	42	+1	27	+1	36	+6	0	84	78	—
	KHARTOUM	1009.1	-0.3	-0.1	SSW	3	2	28.3	-0.7	-0.4	36	-3	25	0	56	0	0	183	139	—
	PORT SUDAN	1007.8	+1.6	0.0	NW	1	0	34.9	-1.1	+0.5	38	0	27	-1	43	-4	0	112	122	1
	KASSALA																			
	WAD MEDANI	1011.4	+3.1	+1.0	E	2	1	27.5	+4.0	+0.9	34	-2	22	0	64	-3	0	324	352	
	ROSEIRES	1009.1	-2.4	-2.5	SSW	1	3	23.5	+3.0	-0.5	25	-8	20	0	96	+16	0	701	675	
EQUATORIAL PROVINCE	EL FASHER	1007.5	+0.8		WNW	1	1	26.5	+0.5	+1.6	36	+1	21	+1	63	+1	0	277	304	
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

TEMP. F C — PRESS Mm. Mb

Upper Wind Observations at Helwan at h. m. 09 00

Height (metres)	Knots per hour	Direction
500	15	NNW
1000	15	N
1500	10	N
2000	15	NNE
3000		

General Situation — الحالة الجوية

Forecast for 24 hours from noon to day. — [illegible] الجو ابتداء من الظهر

STATION	Humidity Mean of Day: Yester day (%)	Humidity: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yester day (°C)	Wet Bulb: Diff from normal (°C)
Alexandria	74	+6	23.2	+1.9
Ezbekiya	62	-2	22.8	+0.7
Giza	67	+1	22.9	—
Helwan	61	+7	21.0	+1.7

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
9-9	8686	6996
8-9	8830	7063

GAUGE	Date 1931	Reading (m.)	Diff. from normal (m.)	Previous (24h.) Reading (m.)	Previous (24h.) Diff. from normal (m.)
Juba	9-9	14.30	+0.50	14.38	+0.58
Nasser	8-9	10.00	-0.18	9.99	-0.18
Malakal	9-9	11.92	-0.09	11.91	-0.09
Roseires	10-9	18.82	+0.07	18.78	-0.05
Sennar Res.	8-9	17.20	—	17.20	—
Makwar	8-9	11.07	-0.94	10.88	-1.14
Khartoum	9-9	15.48	-0.20	15.44	-0.24
Kh. el Girba	8-9	13.64	-0.22	13.64	-0.25
Atbara	10-9	14.80	-0.13	14.96	+0.01
Wadi Halfa	10-9	7.87	+0.20	7.95	+0.27
Aswan Res.	9-9	98.84	—	98.98	—
" D.S.	9-9	92.23	+0.32	92.30	+0.38
El Leithi	10-9	23.35	+0.79	23.40	+0.85
Roda (Cairo)	10-9	19.24	+0.71	19.24	+0.71

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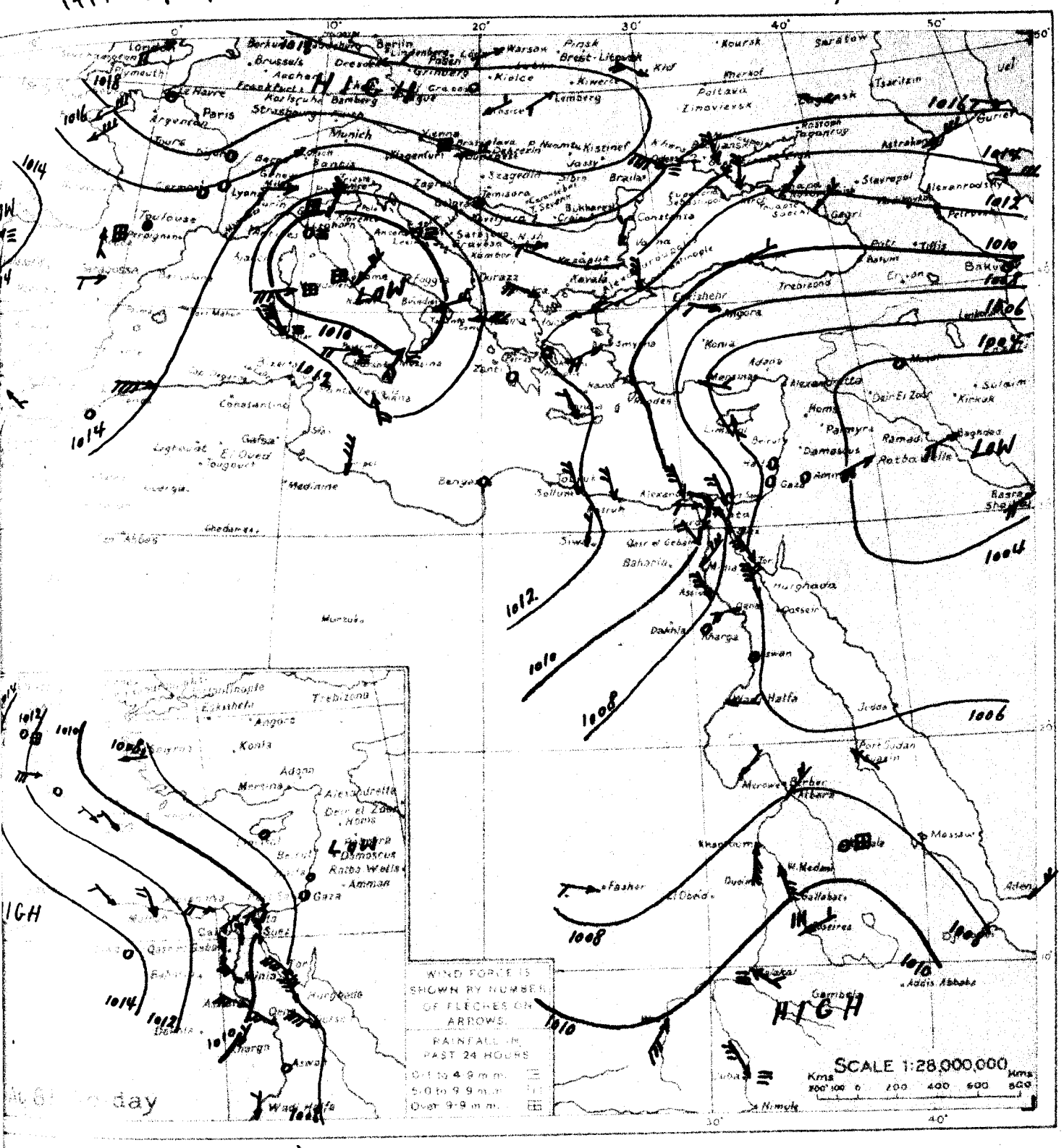
PHYSICAL DEPARTMENT.

REPORT.

1931 -9-9 Barometer and Wind at 8 h. Yesterday 9-9-1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

1931 -9-9 From Observations taken at 8 h. yesterday. 9-9-1931

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.8	-5.6	-7.1	NE	3	2	19	0	—	25	—	16	—	80	—	26	—	768	—
	MALTA	1010.5	-3.8	-7.1	SSE	3	0	26	+2	—	29	+1	24	+3	90	—	0	338	439	1
	ATHENS	1010.8	-2.2	-4.2	—	0	0	26	+2	—	—	—	—	—	40	—	—	—	383	—
	CANDIA	1012.4	0.0	-2.2	NW	1	0	27	0	—	29	+2	20	0	—	—	0	581	466	2
	LIMASSOL	1005.6	+1.4	-5.4	SSE	1	0	28	0		33	+1	21	+3	—	—	0	393	466	1
EGYPT and SUDAN	Merowe	1007.2	+0.9	-1.8	NE	1	0	31.5	-0.5	-0.8	44	+2	27	+1	23	-8	0	31	32	—
	Kassala	1009.3	+2.7	-1.9	—	0	0	25.0	-3.0	-2.4	36	+1	20	-3	68	+2	50	231	290	—
	Malakal	1011.2	+1.8	-0.9	SE	1	4	23.8	-1.1	-1.5	30	-2	22	+1	85	+3	trace	583	774	—
	Wau	1010.0	-0.2	-1.2	SSW	3	3	24.0	+0.8	-0.4	32	-1	22	+2	87	+4	0	850	1004	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 38 m

" " sunset 18 h 06 m

From Observations taken at 8h. to-day.

Friday 11th September, 1931 ١٩٣١ الجمعه ١١ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.3	-0.1	-0.6	NW	2	0	28.3	+1.9	+3.1	37	—	21	—	58	-14	0	57	101	2
	MATRUH	1013.3	+1.0	-0.1	NNW	4	2	26.5	+1.9	+1.5	29	+1	24	+4	77	0	0	179	158	3
	ALEXANDRIA	1013.4	+1.8	-0.1	NNW	2	2	26.5	+0.2	+0.3	32	+2	24	+2	79	+10	0	96	190	1
	PORT SAID	1011.8	+0.8	+0.5	WNW	3	0	28.0	+0.8	+1.1	32	+2	25	+2	72	+2	0	62	82	2
	GAZA	—	—	—	—	0	0	26.9	-1.3	-0.1	31	+1	22	+2	75	+5	0	251	376	—
	HAIFA	1008.8	+1.0	-0.7	SSW	3	0	29.9	-1.4	+1.3	33	+2	24	+3	64	-3	0	665	648	2
LOWER EGYPT	TANTA	1012.3	+1.1	—	W	1	0	26.5	+2.0	—	36	—	20	—	77	—	0	35	—	—
	CAIRO EZBEKIYA	1012.4	+1.0	0.0	—	0	3	24.2	+0.2	+0.6	34	+1	22	+2	82	+4	0	17	34	—
	CAIRO GIZA	1012.8	+1.3	+0.1	—	0	3	24.0	+0.9	—	34	+2	18	0	84	—	0	21	31	—
	CAIRO HELWAN	1012.4	+0.8	-0.2	N	3	0	24.7	+0.7	+0.9	34	+1	22	+2	79	+10	0	19	35	—
	SIWA	1015.8	+1.6	+2.9	NE	1	0	24.5	+0.6	+0.4	39	+3	21	+2	81	+19	0	38	7	—
RED SEA	SUEZ	1010.6	+0.7	-1.0	N	2	0	25.0	-0.5	+0.3	36	+2	22	0	68	-9	0	28	26	2
	TOR	1009.1	+1.7	+0.3	W	1	0	30.0	+1.8	+2.4	35	+3	23	0	71	-2	0	11	14	1
	HURGHADA	1009.9	+2.1	—	NNW	6	0	31.3	+2.8	—	34	—	25	—	41	—	0	0	—	3
	QOSSEIR			—						—		—		—						
UPPER EGYPT	GEBALI	1013.6	+1.8	+0.8	NW	3	0	26.0	+1.0	+0.6	36	+2	21	+2	69	+2	0	17		
	MINYA	1011.6	+0.9	—	NNE	2	0	26.5	+2.8	+1.8	35	+2	21	+1	66	-8				
	ASYUT	1012.4	+0.9	+1.0	W	2	0	27.2	+3.1	+2.4	37	+3	21	-1	59	-4	0	7	—	
	QENA	1010.2	+1.2	—	WNW	2	0	28.0	0.0	-0.9	41	+3	25	+3	55	+3				
	KHARGA	1009.4	+0.3	—	—	0	0	28.1	-0.4	—	39	—	19	—	46	—	0	1	—	—
	ASWAN	1009.5	+1.2	-0.1	—	0	0	30.8	+0.6	+1.3	42	+2	25	+1	28	-7	—	—	—	—
NORTH SUDAN	WADI HALFA	1008.0	-0.7	-2.4	—	0	0	29.0	+1.8	+1.0	40	+1	24	+2	29	-3				
	MEROWE	1009.4	+2.0	+0.4	SE	2	0	32.0	-1.0	-0.4	41	-1	28	+2	43	+13	0	31	32	—
	ATBARA	1009.3	+1.0	+1.0	SW	2	0	32.0	-0.5	-0.2	40	-1	27	+1	36	+6	0	84	78	—
	KHARTOUM	1011.1	+2.0	+1.9	SSW	4	1	29.0	+0.7	+0.3	37	-2	25	0	55	0	0	183	140	—
EAST SUDAN	PORT SUDAN	1008.8	+1.0	+1.0	S	2	0	36.1	+1.2	+1.8	40	+2	29	+1	40	-8	0	112	122	2
	KASSALA	1011.9	+3.2	+0.7	S	1	0	26.0	-1.5	-1.6	36	+1	21	-2	69	+4	0	231	294	—
	WAD MEDANI																			
	ROSEIRES	1010.3	+1.2	-1.3	S	1	3	24.5	+1.0	+0.4	32	-1	22	+2	87	+7	0	701	680	—
SOUTH SUDAN	EL FASHER	1008.3	+0.8	—	SSW	1	0	27.5	+1.0	+2.6	36	+1	23	+3	60	-2	0	277	305	—
	EL OBEID	1010.8	+0.1	-0.8	SW	2	2	26.5	+1.5	+0.3	32	-2	21	0	73	+4	0	286	300	—
	MALAKAL	1012.7	+0.7	+0.7	—	0	2	25.0	+0.5	-0.4	28	-4	22	+1	84	+3	27	610	784	—
	WAU	1011.5	+0.8	+0.4	W	4	1	25.3	+1.3	+0.9	30	-3	21	+1	77	-6	0	853	1015	—
	JUBA	1013.0	+2.0	—	N	2	2	24.8	+1.2	—	30	—	18	—	80	—	0	907	820	—

Upper Wind Observation at Helwan at h. m.

Height (metres)	Kms per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation الحالة العمومية

Forecast for 24 hours from noon to-day. يعرف الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	80	+12	24.9	+3.6
Ezbekiya	67	+3	23.0	+0.9
Giza	73	+7	22.9	—
Helwan	57	+3	21.9	+2.7

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
10.9	8563	6988
9.9	8686	6996

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	11.9	14.38	+0.59	14.40	+0.61
Nasser	9.9	10.03	-0.16	10.00	-0.18
Malakal	11.9	11.94	-0.08	11.92	-0.09
Roseires	10.9	18.82	+0.07	18.78	-0.05
Sennar Res.	10.9	17.20	—	17.20	—
Makwar	10.9	11.22	-0.72	11.20	-0.79
Khartoum	11.9	15.44	-0.30	15.40	-0.26
Kh. el Girba	9.9	14.10	+0.29	13.64	-0.22
Atbara	10.9	14.80	-0.13	14.96	+0.01
Wadi Halfa	10.9	7.87	+0.20	7.95	+0.27
Aswan Res.	10.9	98.72	—	98.84	—
" D.S.	10.9	92.20	+0.30	92.23	+0.32
El Leithi	10.9	23.35	+0.79	23.40	+0.85
Roda (Cairo)	10.9	19.24	+0.71	19.34	+0.78

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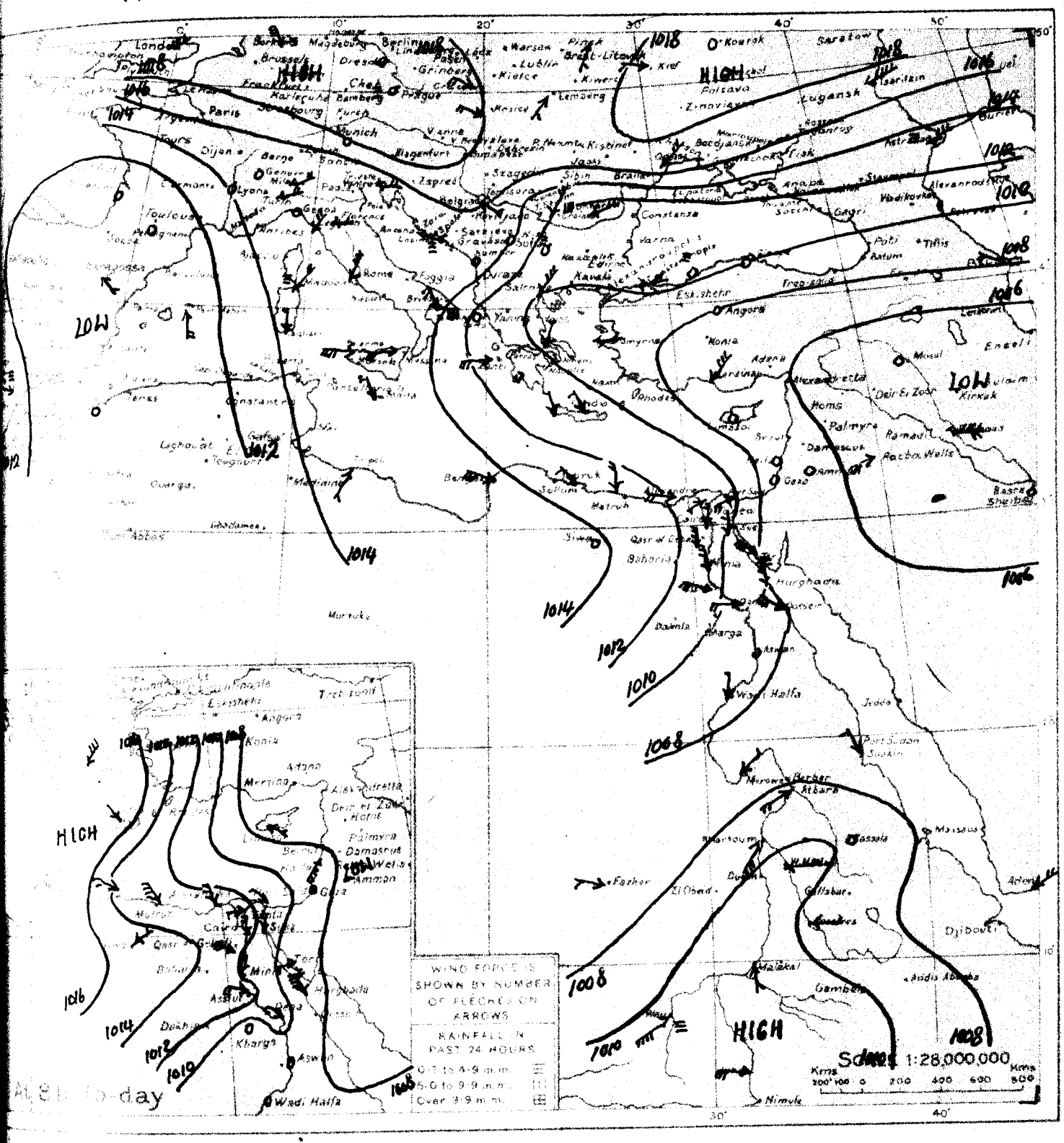
PHYSICAL DEPARTMENT.

REPORT.

٢١-٩-١. Barometer and Wind at 8 h. Yesterday 10.9.31.



WIND VELOCITY	K.P.H	Force
Calm	0- 1	0
Almost calm	2- 6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	73-90	10
Storm	91-104	11
Hurricane	above 104	12

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٩-١. From Observations taken at 8 h. yesterday. 10.9.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C.	°C.	°/o		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.8	+6.0	-1.1	NE	3	0	18	-1	—	25	—	14	—	70	—	—	—	770	—
	MALTA	1014.5	+4.0	-3.3	NW	2	0	24	-2	—	32	+4	22	+1	80	—	0	338	440	2
	ATHENS	1009.8	-1.0	-5.3	NNE	1	0	24	-2	—	—	—	21	+1	50	—	—	—	384	—
	CANDIA	1011.6	-0.8	-3.1	NW	1	0	28	+1	—	29	+2	20	0	—	—	0	581	467	1
	LIMASSOL	1007.1	+1.6	-4.0	—	0	0	28	0		33	+1	19	+1	—	—	0	393	466	0
EGYPT and SUDAN	Merowe مروى	1007.4	+0.2	-1.6	NE	1	0	33.0	+1.5	+0.6	44	+2	26	0	19	-12	0	31	32	—
	Kassala كسلا	1008.7	-0.6	-2.5	—	0	4	27.5	+2.5	0.0	32	-3	21	-2	57	-9	0	231	292	—
	El Obeid الابيض	1010.7	+1.2	-0.9	WSW	2	4	25.0	-1.4	-1.1	34	0	20	-1	68	-1	0	286	297	—
	Malakal الملاكال	1012.0	+0.8	-0.1	SSE	1	2	24.5	+0.7	-0.9	30	-2	22	+1	87	+5	0	583	779	—
	Wau واو	1010.7	+0.7	-0.5	SW	4	2	24.0	0.0	-0.4	33	0	20	0	79	-4	3	853	1010	—
	Juba جوبا	1011.0	-0.1	—	W	3	2	23.6	-0.8	—	32	—	19	—	77	—	0	907	817	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 38 m

" " sunset 18 h 04 m

From Observations taken at 8 h. to-day.

Saturday 12th September, 1931 ١٩٣١ السبت ١٢ سبتمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1015.4	+2.1	+1.4	N	2	0	26.8	-1.5	+1.7	31	—	20	—	72	0	0	57	101	3
	MATRUH	1014.4	+1.1	+0.9	NNE	4	3	26.3	-0.2	+1.3	29	+1	25	+5	73	-3	0	179	158	4
	ALEXANDRIA	1013.6	+0.2	0.6	NNW	1	2	25.9	-0.6	-0.2	30	0	23	+1	76	+7	0	96	190	1
	PORT SAID	1012.2	+0.4	+0.7	W	1	0	27.5	-0.5	+0.7	33	+3	24	+1	73	+3	0	62	82	1
	GAZA	—	—	—	—	0	1	27.4	+0.5	+0.5	31	+1	21	+2	72	+2	0	251	376	—
	HAIFA	1009.1	+0.3	-0.5	SSE	1	2	29.3	-0.6	+0.7	34	+3	23	+2	62	-5	0	665	648	1
LOWER EGYPT	TANTA	1012.8	+0.5	—	W	1	0	25.8	-0.7	—	34	—	20	—	74	—	0	35	—	—
	CAIRO EZBEKIYA	1012.6	+0.2	+0.1	N	3	2	25.1	+0.9	+1.6	34	+1	22	+2	72	-6	0	17	34	—
	CAIRO GIZA	1012.8	0.0	-0.1	NNW	1	3	24.2	+0.2	—	34	+2	20	+2	80	—	0	21	31	—
	CAIRO HELWAN	1012.6	+0.2	-0.2	N	2	3	23.7	-1.0	0.0	33	0	20	0	72	+3	0	19	35	—
	SIWA	1016.3	—	+3.3	—	0	0	24.5	0.0	+0.5	37	+1	21	+2	80	+18	0	38	7	—
RED SEA	SUEZ	1011.5	+0.9	-0.3	N	2	1	25.0	0.0	+0.3	35	+1	23	+1	76	-1	0	28	26	1
	TOR 1009.3	~~1007.9~~	~~+1.2~~	~~-1.0~~	NW	5	0	28.0	-2.0	+0.4	34	+2	26	+3	77	+4	0	11	14	5
	HURGHADA	1009.4	-0.5	—	NNW	8	0	29.0	-2.3	—	36	—	27	—	62	—	0	0	—	4
	QOSSEIR	1008.7	—	—	NNW 5 ~~6~~		0	30.4	—	—	37	—	30	—	62	—	0	15	—	4
UPPER EGYPT	GEBALI	1013.8	+0.2	+0.9	NW	2	0	25.5	-0.5	+0.2	36	+2	20	+1	64	-3	0	17	—	—
	MINYA	1012.6	+1.0	—	NNE	2	0	24.5	-2.0	-0.2	35	+2	21	+1	80	+6	—	—	—	—
	ASYUT	1013.0	+0.6	+1.5	W	2	0	24.8	-2.4	+0.2	37	+3	23	+1	71	+7	0	7	—	—
	QENA	1010.0	-0.2	—	WNW	1	0	29.8	+1.8	+1.0	42	+4	25	+3	49	-3	—	—	—	—
	KHARGA	1010.3	+0.9	—	NE	1	0	28.6	+0.5	—	40	—	24	—	51	—	0	1	—	—
	ASWAN	1008.8	-0.7	-0.9	N	1	0	31.2	+0.4	+1.8	43	+3	27	+3	31	-5	—	—	—	—
NORTH SUDAN	WADI HALFA	1007.8	-0.2	-2.6	NNE	1	0	30.6	+1.6	+2.7	42	+3	26	+4	27	-6	—	—	—	—
	MEROWE																			
	ATBARA																			
	KHARTOUM	1009.3	-1.8	+0.1	SW	3	1	30.5	+1.5	+1.7	37	-2	27	+2	52	-2	0	183	141	—
EAST SUDAN	PORT SUDAN	1007.6	-1.2	-0.3	SE	3	0	34.2	-1.9	0.0	37	-1	31	+3	54	+6	0	112	122	3
	KASSALA																			
	WAD MEDANI	1011.0	-0.1	+0.7	S	2	0	29.0	+3.0	+2.2	37	+1	25	+3	74	+7	0	335	356	—
	ROSEIRES	1009.4	-0.9	-2.1	S	2	2	23.0	-1.5	-1.1	33	0	20	0	91	+11	36	737	685	—
SOUTH SUDAN	EL FASHER	1007.4	-0.9	—	WNW	1	0	27.5	0.0	+2.6	37	+2	22	+2	60	-1	0	277	306	—
	EL OBEID																			
	MALAKAL	1014.4	+1.7	+2.4	ENE	1	4	21.4	-3.6	-4.0	32	0	21	0	96	+15	trace	610	789	—
	WAU																			
	JUBA	1012.2	-0.8	—	SW	3	1	24.8	0.0	—	31	—	19	—	82	—	0	907	824	—

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Kms. per hour	Direction
500	15	NNE
1000	20	NE
1500	10	N
2000	5	NE
3000		

General Situation

الحالة العامة

Forecast for 24 hours from noon to day.

[illegible] حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	77	+10	23.9	+2.7
Ezbekiya	67	+2	22.9	+0.9
Giza	69	+3	22.6	—
Helwan	60	+6	22.1	+2.9

NOTE. A dash means that figures are not available

Terms of Subscription: By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
12.9	8190	6982
11.9	8400	6900

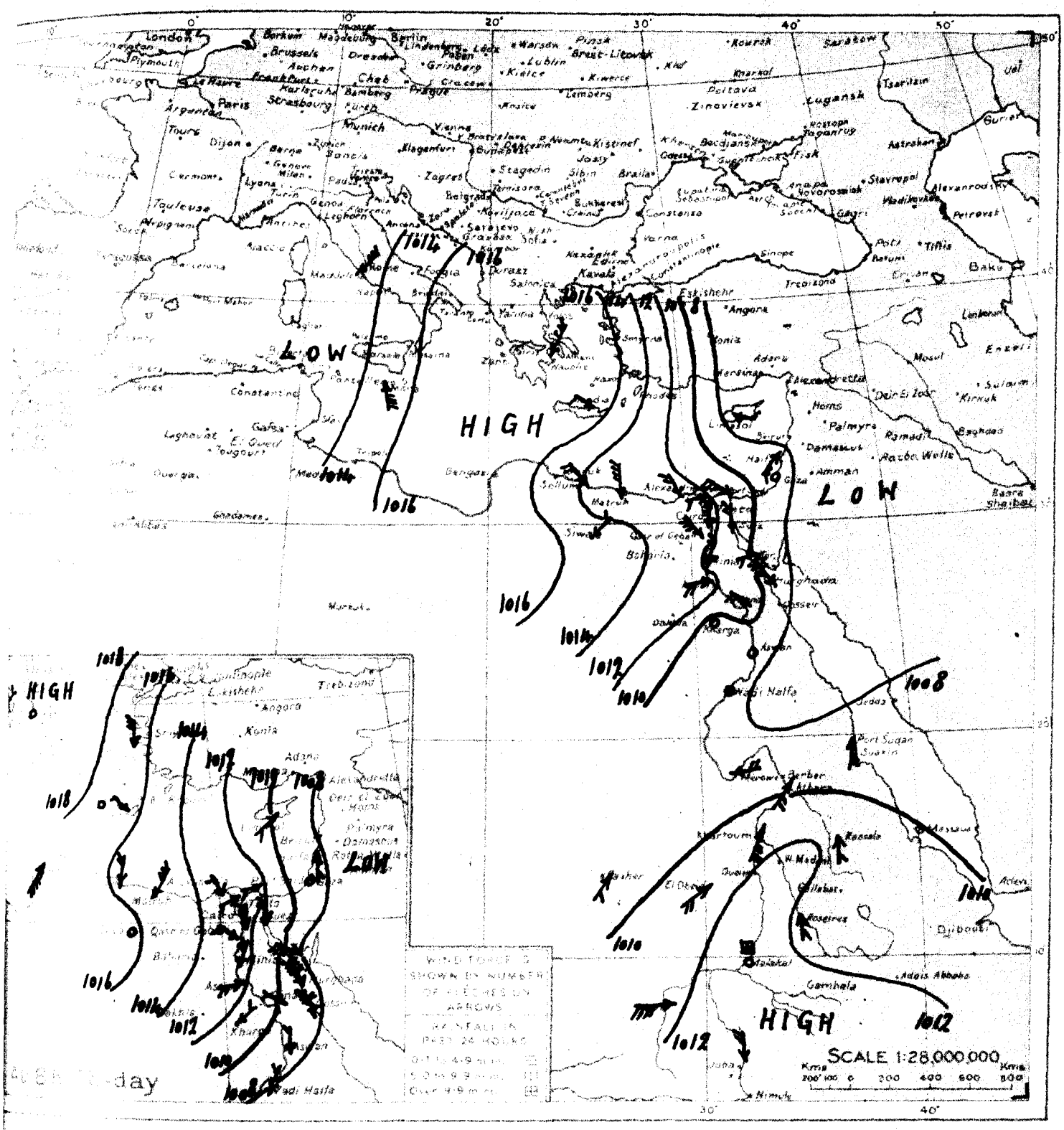
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	11.9	14.38	+0.59	14.40	+0.61
Nasser	9.9	10.03	-0.16	10.09	-0.10
Malakal	11.9	11.94	-0.08	11.92	-0.09
Roseires	11.9	18.57	-0.13	18.82	+0.07
Sennar Res.	11.9	17.20	—	17.20	—
Makwar	11.9	17.39	-0.50	17.22	-0.72
Khartoum	11.9	15.44	-0.20	15.40	-0.26
Kh. el Girba	9.9	14.10	+0.29	13.64	-0.22
Atbara	12.9	14.98	+0.10	15.02	+0.12
Wadi Halfa	12.9	7.64	-0.01	7.73	+0.09
Aswan Res.	12.9	98.32	—	98.36	—
" D.S.	12.9	92.07	+0.21	92.13	+0.25
El Leithi	12.9	23.05	+0.51	23.05	+0.10
Roda (Cairo)	12.9	19.01	+0.41	19.13	+0.61

PRINTED AT THE SURVEY OF EGYPT 1920(29/649/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-9-11 Barometer and Wind at 8 h. Yesterday 11.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-9-11 From Observations taken at 8 h. yesterday. 11.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C	°C.	°C	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.0	-1.8	-3.0	NE	3	4	19	+1	—	26	—	16	—	70	—	—	—	773	—
	MALTA	1015.1	+0.6	-2.7	SSE	4	2	26	+2	—	27	-1	24	+3	90	—	0	338	441	2
	ATHENS	1017.0	+7.2	+1.9	NNE	3	0	24	0	—	—	—	—	—	50	—	—	—	384	—
	CANDIA	1016.4	+4.8	+1.6	NW	1	1	27	-1	—	32	+5	22	+2	—	—	0	581	457	2
	LIMASSOL	1007.9	+0.8	-3.3	SE	1	0	28	0		33	+2	19	+1	—	—	0	393	466	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 05h 38m

" " sunset 18h 03m

From Observations taken at 8h. to-day.

Sunday 13th September, 1931 ١٩٣١ الأحد ١٣ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.4	-2.0	-0.7	NW	3	0	23.0	-3.8	-2.1	28	—	19	—	91	+19	0	57	101	2
	MATRUH	1012.3	-2.1	-1.4	N	2	2	26.2	-0.1	+1.3	28	0	25	+5	79	+3	0	179	158	3
	ALEXANDRIA	1011.4	-2.2	-2.3	NNW	1	1	28.4	+2.5	+2.3	31	+1	24	+2	75	+6	0	96	190	1
	PORT SAID	1010.4	-1.8	-1.2	ENE	2	0	28.4	+0.9	+1.6	32	+2	25	+2	73	+3	0	62	82	1
	GAZA																			
	HAIFA	1006.2	-2.9	-3.6	—	0	0	30.1	+0.8	+1.6	34	+3	26	+5	74	+7	0	665	648	1
LOWER EGYPT	TANTA	1011.1	-1.7	—	W	1	0	26.5	+0.7	—	35	—	21	—	74	—	0	35	—	—
	CAIRO: EZBEKIYA	1010.3	-2.3	-2.3	NNE	2	8	23.4	-1.7	0.0	32	-1	22	+2	92	+14	0	17	34	—
	CAIRO: GIZA	1010.2	-2.6	-2.7	N	2	8	23.2	-1.0	—	34	+2	21	+3	98	—	0	21	31	—
	CAIRO: HELWAN	1009.9	-2.7	-3.0	NE	3	0	26.3	+2.6	+2.6	33	+1	22	+2	68	-1	0	19	35	—
	SIWA	1013.0	-3.3	-0.1	NE	1	0	24.2	-0.3	+0.3	36	0	21	+2	76	+14	0	38	7	—
RED SEA	SUEZ	1008.6	-2.9	-3.3	N	2	0	26.0	+1.0	+1.4	34	0	24	+2	76	-1	0	28	26	2
	TOR	1007.2 ~~1006.9~~	-2.0	-3.2	NW	4	0	27.8	-0.2	+0.3	34	+2	19	-3	78	+6	0	11	14	4
	HURGHADA	1007.1	-2.3	—	NNW	6	0	29.0	0.0	—	35	—	21	—	47	—	0	0		3
	QOSSEIR	1007.4	-1.3	—	NNW	3	0	30.8	+0.4	—	36	—	27	—	53		0	15	—	3
UPPER EGYPT	GERGE	1011.2	-2.6	-1.8	NW	3	0	26.0	+0.5	+0.8	34	0	23	+4	76	+9	0	17		—
	MINYA	1009.4	-3.2	—	NNW	2	1	24.5	0.0	-0.1	32	0	21	+1	80	+6				—
	ASSIUT	1009.4	-3.6	-2.2	NW	2	0	24.8	0.0	+0.4	33	0	22	0	69	+5	0	7		—
	SOHAG	1008.3	-1.7	—	WNW	2	0	27.3	-2.5	-1.4	40	+2	23	+1	54	+1				—
	KHARGA	1008.7	-1.6		—	0	0	27.4	-1.2		38	—	19		47		0	1		—
	ASWAN	1007.8	-1.0	-2.0	N	1	0	29.0	-2.2	-0.3	43	+3	25	+1	29	-7	—	—	—	—
SUDAN	WADI HALFA	1006.8	-1.0	-3.7	N	3	0	29.8	-0.8	+2.0	43	+4	26	+4	33	0	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1007.5	-1.8	-1.6	S	2	1	28.1	-2.4	-0.8	39	0	24	-1	59	+6	0	183	141	—
	PORT SUDAN	1007.8	+0.2	-0.2	NE	2	0	34.3	+0.1	+0.2	37	-1	29	+1	51	+3	0	112	122	2
	KASSALA																			
	WAD MEDANI	1010.3	-0.7	0.0	E	2	0	25.5	-3.5	-1.4	32	-4	20	-2	84	+17	6	341	358	—
	ROSEIRES																			
	EL FASHER																			
	EL OBEID																			
	MALAKAL	1010.6	-3.8	-1.4	—	0	2	25.2	+3.8	-0.2	28	-4	20	-1	78	-3	tr.	610	794	—
	WAU																			
	JUBA	1011.5	-0.7	—	W	2	2	24.4	-0.4	—	34	—	19	—	78	—	0	907	828	—

Upper Wind Observations at Helwan at 8h 45m

Height in Metres	Knots an hour	Direction
500	25	NE
1000	30	ENE
1500	35	ENE
2000		
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to day.

الطقس خطوطا في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%		°C	°C
Alexandria	82	+15	24.0	+2.9
Ezbekiya	63	-2	22.1	+0.1
Giza	63	-3	22.3	—
Helwan	54	0	20.9	+1.8

NOTE. A dash means that figures are not available

Terms of Subscription By inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
13.9	7927	7123
12.9	8190	6982

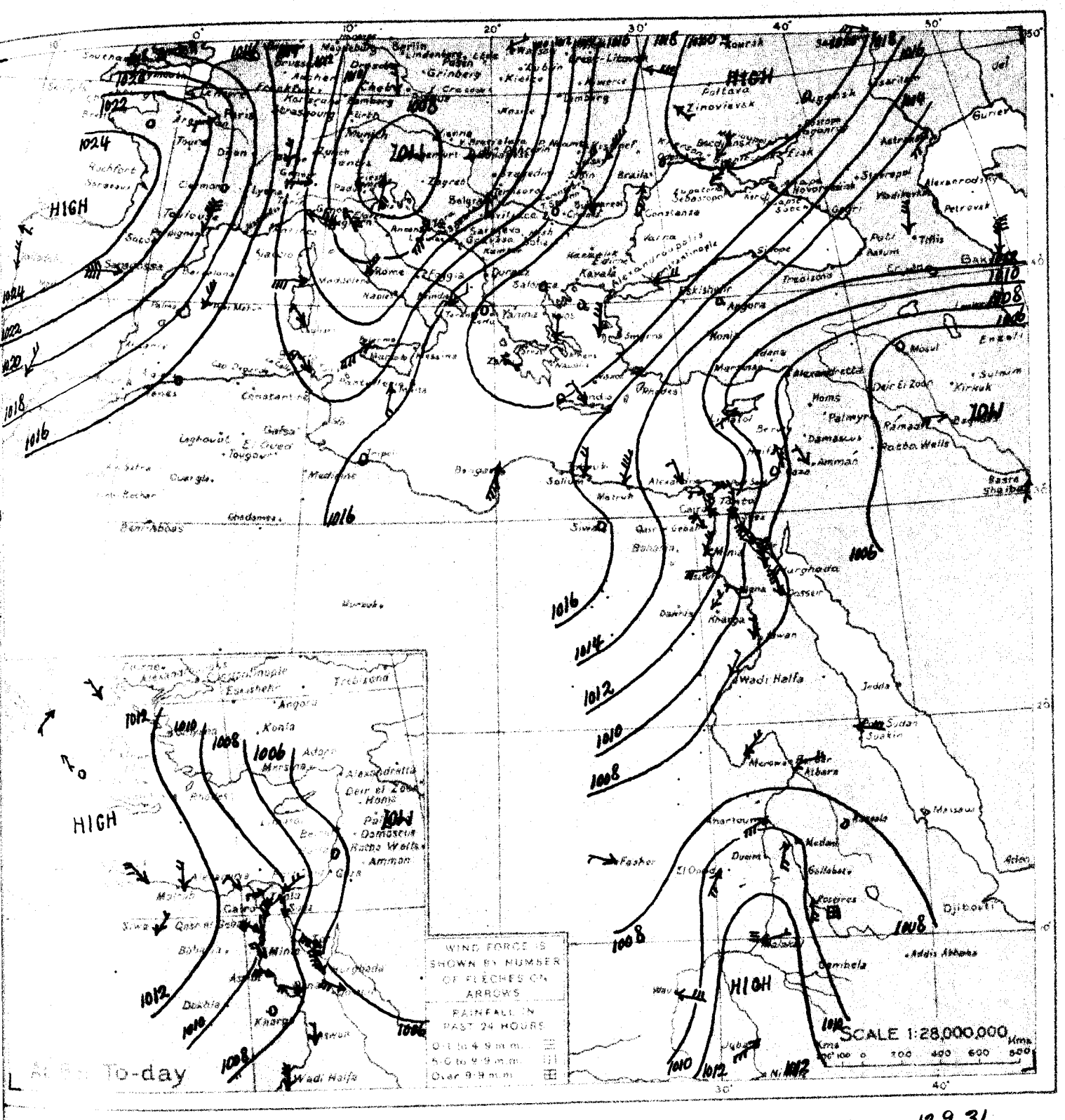
GAUGE	Date	Reading	Diff from normal	Reading	Diff from normal
	1931	m.	m.	m.	m.
Juba	12.9	14.28	+0.49	14.38	+0.59
Nasser	12.9	10.07	-0.17	10.05	-0.19
Malakal	12.9	11.95	-0.08	11.94	-0.08
Roseires	12.9	18.66	+0.06	18.57	-0.13
Sennar Res.	12.9	17.20	—	17.20	—
Makwar	12.9	11.08	-0.72	11.39	-0.50
Khartoum	12.9	15.44	-0.19	15.44	-0.20
Kh. el Girba	9.9	14.10	+0.29	13.64	-0.22
Atbara	12.9	14.98	+0.10	15.02	+0.12
Wadi Halfa	13.9	7.54	-0.09	7.64	-0.01
Aswan Res.	13.9	98.10	—	98.36	—
" D.S.	13.9	91.94	+0.09	92.07	+0.21
El Leithi	12.9	23.05	+0.51	23.25	+0.70
Roda (Cairo)	13.9	18.83	+0.28	19.01	+0.47

PRINTED AT THE SURVEY OF EGYPT (1929/29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٢-٩-٣١ Barometer and Wind at 8 h. Yesterday 12.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٢-٩-٣١ From Observations taken at 8 h. yesterday. 12.9.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
	m.b	m.b.	m.b				°C	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
ROME	1011.4	-1.6	-4.6	NE	2	4	23	+4	—	27	—	19	—	60	—	—	—	775	—
MALTA	1015.4	+0.3	-2.4	S	2	2	28	+2	—	29		25	+4	70	—	0	338	442	1
ATHENS	1018.7	+1.7	+3.5	N	1	0	24	0	—	—	—	—	—	50	—	—	—	384	—
CANDIA	1017.8	+1.4	+3.0	NW	1	1	29	+2	—	29		23	+3	—	—	0	581	468	1
LIMASSOL	1009.5	+1.6	-1.9	SW	1	0	29	+1		33		21	+3	—	—	0	393	466	2
Marowe مروى	1007.1	-2.3	-1.9	NE	2	0	35.0	+3.0	+2.6	46	+4	28	+2	28	-2	0	31	32	—
Atbara عطبرة	1007.6	+1.7	-0.8	ENE	2	0	34.5	+2.5	+2.2	41	0	29	+3	25	-4	0	84	79	—
Kassala كسلا	1009.4	-2.5	-1.8	—	0	0	28.0	+2.0	+0.3	36	0	24	+1	60	-5	0	231	296	—
El Obeid الأبيض	1011.1	+0.3	-0.5	SSW	2	2	26.8	+0.3	+0.6	35	+1	21	0	72	+4	0	286	303	—
Waw واو	1009.4	-2.1	-1.7	ESE	3	0	28.4	+3.1	+4.0	33	0	23	+3	68	-15	0	853	1020	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 38m

" " sunset 18h 02m

From Observations taken at 8h. to-day.

Monday 14th September, 1931 — ١٩٣١ الاثنين ١٤ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		✓			✓	✓	✓	✓												
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1011.9	−1.5	−2.3	S	2	4	23.0	0.0	−2.0	29	—	22	—	91	+19	0	57	101	2
	MATRUH	1011.0	−1.3	−2.8	—	0	0	24.8	−1.4	−0.1	28	0	20	0	90	+14	0	179	158	1
	ALEXANDRIA	1010.6	−0.8	−3.2	NNW	1	1	27.3	−1.1	+1.3	32	+2	24	+2	83	+14	0	96	190	1
	PORT SAID	1009.4	−1.0	−2.4	NNE	3	0	28.9	+0.5	+2.2	33	+3	25	+2	77	+7	0	62	82	2
	GAZA	—	—	—	—	0	0	27.9	+0.3	+1.1	31	+1	22	+3	81	+11	0	251	376	—
	HAIFA	1006.8	+0.6	−3.1	ESE	1	0	[illegible]	—	—	35	+4	27	+6	70	—	0	665	648	1
LOWER EGYPT	TANTA	1010.4	−0.7	—	NW	1	3	26.7	+0.2	—	36	—	21	—	80	—	0	35	—	—
	CAIRO: EZBEKIYA	1009.6	−0.7	−3.1	NNE	2	2	25.8	+2.4	+2.5	35	+2	22	+2	81	+3	0	17	34	—
	CAIRO: GIZA	1009.8	−0.4	−3.2	NNW	3	3	26.0	+2.8	—	34	+2	20	+2	83	—	0	21	31	—
	CAIRO: HELWAN	1009.5	−0.4	−3.5	—	0	0	25.9	−0.4	+2.3	35	+3	21	+1	73	+4	0	19	35	—
	SIWA	1011.0	−2.0	−2.2	—	0	0	25.2	+1.0	+1.4	37	+2	21	+2	64	+2	0	38	7	—
RED SEA	SUEZ	1009.3	+0.7	−2.7	N	3	3	26.0	0.0	+1.5	36	+2	24	+2	84	+7	0	28	26	3
	TOR	1007.9	+2.0	−1.4	N	1	0	28.0	+0.2	+0.6	33	+1	20	−2	77	+5	0	11	14	1
	HURGHADA	1007.6	+0.5	—	NNW	5	0	30.0	+1.0	—	33	—	22	—	52	—	0	0	—	3
	QOSSEIR	1007.6	+0.2	—	NNW	4	0	30.8	0.0	—	34	—	26	—	48	—	0	15	—	3
UPPER EGYPT	BENI SUEF	1010.6	−0.6	−2.4	NW	2	0	26.0	0.0	+0.9	35	+1	21	+2	72	+5	0	17	—	—
	MINIA	1009.1	−0.3	—	N	2	0	25.0	+0.5	+0.5	35	+3	20	0	81	+7	—	—	—	—
	ASYUT	1009.1	−0.3	−2.7	WNW	2	0	25.4	+0.6	+1.1	36	+3	22	+1	60	−4	0	7	—	—
	QENA	1008.2	−0.1	—	WNW	1	0	28.2	+0.9	−0.4	40	+2	23	+1	49	−4	—	—	—	—
	KHARGA	1008.6	−0.1	—	—	0	0	27.2	−0.2	—	37	—	19	—	43	—	0	1	—	—
	ASWAN	1006.8	−1.0	−3.1	NE	1	0	29.6	+0.6	+0.4	41	+1	25	+1	31	−5	—	—	—	—
NUBIA & SUDAN	WADI HALFA	1006.8	0.0	−3.8	—	0	0	31.8	+2.0	+4.1	41	+2	26	+4	27	−6	—	—	—	—
	MEROWE	1007.4	+2.6	−1.8	SE	1	0	29.5	−3.5	−2.8	43	+1	24	−2	46	+17	1	32	32	—
	ATBARA	1010.6	+2.6	+2.2	S	3	2	25.0	−9.3	−7.3	40	−1	22	−3	51	+23	21	105	79	—
	KHARTOUM	1010.6	+3.1	+1.5	SW	1	3	24.5	−3.6	−4.4	37	−2	22	−3	76	+24	7	190	142	—
	PORT SUDAN	1007.8	0.0	−0.3	SE	1	0	33.4	−0.9	−0.5	38	0	29	+1	65	+16	0	112	122	1
	GASALA																			
	KAD MEDANI	1011.6	+1.3	+1.4	W	2	1	24.0	−1.5	−3.0	36	0	21	−1	75	+9	30	371	360	
	ASMARA	1010.6	+1.3	−0.9	SE	1	4	21.0	−2.5	−3.2	32	−1	21	+1	91	+12	8	775	695	
	EL FASHER	1006.8	−1.6	—	WSW	1	12	26.0	+3.0	+1.0	33	−2	23	+3	66	+7	0	277	307	
	EL OBEID																			
	MALAKAL	1010.8	+0.2	−1.1	NW	2	3	27.0	+1.8	+1.5	33	+1	24	+3	82	+1	0	610	799	
	WAU																			
	JUBA																			

Upper Air Observations at Helwan at 9 00

Height (Metres)	Kms per hour	Direction
500	15	ENE
1000	15	E
1500	30	E
2000	25	SE
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	80	+13	25.5	+4.4
Ezbekiya	66	+1	22.6	+0.7
Giza	69	+3	22.5	—
Helwan	49	−5	21.1	+2.1

NOTE. A dash means that figures are not available

Terms of Subscription By inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec: DATE	1931	1930
13.9	7927	7123
12.9	8190	6982

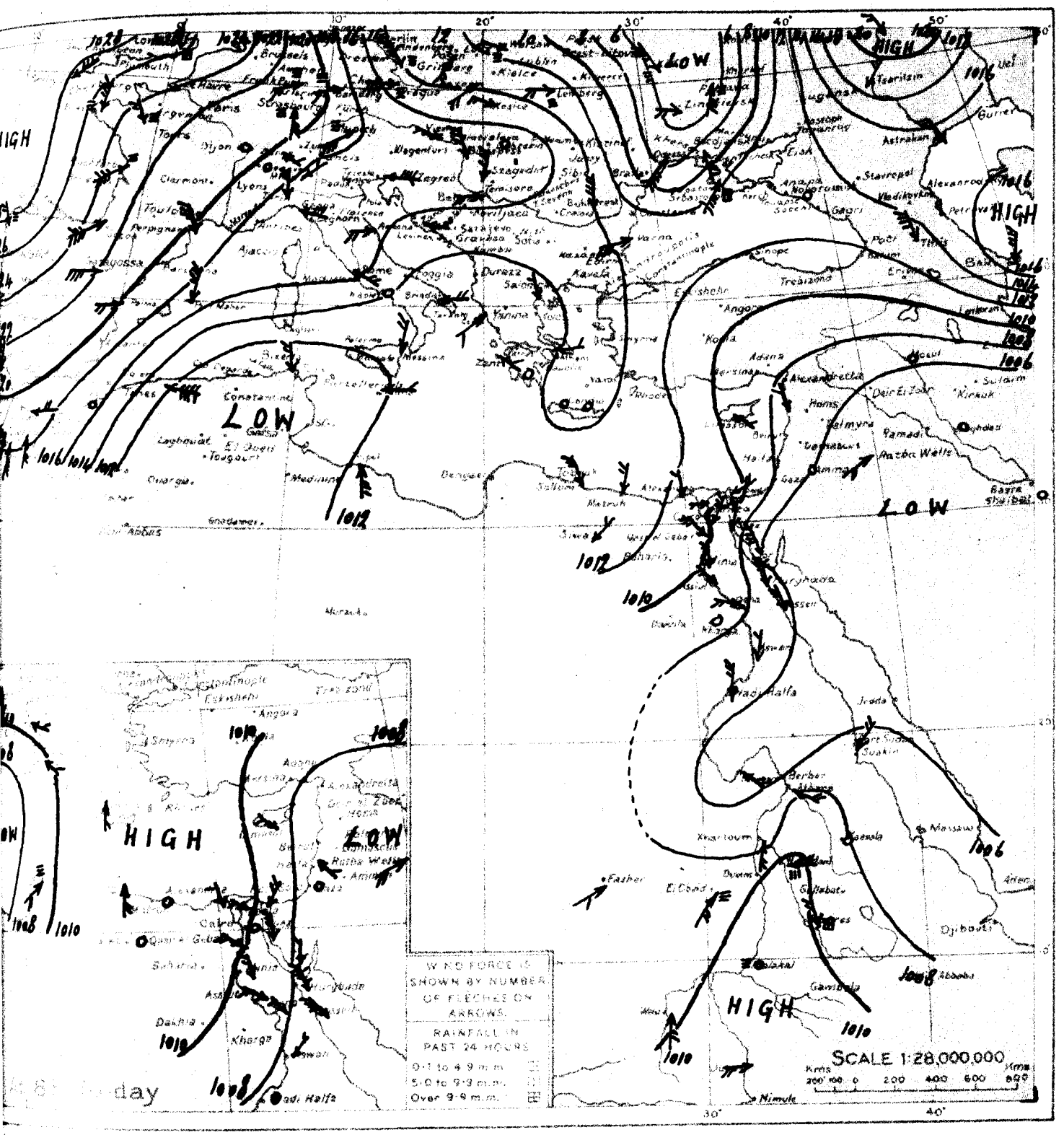
GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Diff from normal
	1931	m.	m.	m.	m.
Juba	13.9	14.22	+0.43	14.28	+0.49
Nasser	12.9	10.07	−0.17	10.05	−0.18
Malakal	13.9	11.97	−0.07	11.95	−0.08
Roseires	13.9	18.53	+0.03	18.66	+0.06
Sennar Res.	12.9	17.20	—	17.20	—
Makwar	12.9	11.08	−0.72	11.39	−0.50
Khartoum	13.9	15.40	−0.20	15.44	−0.19
Kh. el Girba	12.9	13.68	+0.04	13.88	+0.18
Atbara	13.9	14.94	+0.09	14.98	+0.13
Wadi Halfa	14.9	7.52	−0.09	7.54	−0.07
Aswan Res.	13.9	98.10	—	98.36	−0.11
" D.S.	13.9	91.94	+0.09	92.07	+0.22
El Leithi	14.9	22.83	+0.29	22.92	+0.38
Roda (Cairo)	14.9	18.40	+0.15	18.53	+0.28

PRINTED AT THE SURVEY OF EGYPT 1929(29/589/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٩-١٢ Barometer and Wind at 8 h. Yesterday 13.9.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٩-١٢ From Observations taken at 8 h. yesterday. 13.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.2	+4.8	+0.2	SE	2	4	20	-3	—	28	—	18	—	60	—	—	—	777	—
	MALTA	1011.9	-3.5	-6.0	E	1	3	27	-1	—	34	+6	23	+2	70	—	0	338	443	1
	ATHENS	1013.6	-5.1	-1.6	E	1	0	26	+2	—	—	—	—	—	50	—	—	—	385	—
	CANDIA	1014.4	-3.4	-0.6	—	0	0	29	0	—	31	+4	20	0	—	—	0	581	468	1
	LIMASSOL	1008.8	-0.7	-2.7	SE	1	0	30	+1		34	+3	17	-1	—	—	0	393	466	2
EGYPT and SUDAN	Merowe	1004.8	-2.3	-4.3	SE	2	0	33.0	-2.0	+0.7	46	+4	29	+3	32	+2	0	31	32	—
	Atbara	1008.0	+0.4	-0.4	SE	2	0	34.3	-0.2	+2.0	43	+2	28	+2	30	+1	0	84	79	—
	Kassala	1008.0	-1.4	-3.1	—	0	0	28.5	+0.5	+0.7	35	-1	22	-1	55	-9	0	231	298	—
	Roseires	1009.3	-0.1	-2.2	NNW	2	2	23.5	+0.5	-0.6	32	-1	22	+2	79	0	30	767	690	—
	El Fasher	1008.4	+1.0	—	WNW	1	3	23.0	-4.5	-1.9	—	—	21	+1	74	+14	0	277	306	—
	El Obeid	1008.6	-2.5	-3.0	SSW	2	3	23.5	-3.3	-2.8	36	+2	19	-2	79	+1[illegible]	4	290	306	—
	Wau	1009.3	-0.1	-1.8	S	2	2	25.3	-3.1	+0.8	35	+2	22	+2	81	[illegible]	0	653	1026	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 h 39 m

" " sunset 18 h 01 m

From Observations taken at 8h. to-day.

Tuesday 15th September, 1931 — ١٩٣١ — الثلاثاء ١٥ سبتمبر

	STATION	Barometer: Reduced to Sea Level (m.b)	Barometer: Change in past 24 hours (m.b)	Barometer: Diff from normal (m.b)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff from normal (°C)	Humidity: At 8 h (%)	Humidity: Diff from normal	Rainfall: Past 24 hours (m.m)	Rainfall: Total from Oct. 1 to yesterday (m.m)	Rainfall: Normal from Oct. 1 to yesterday (m.m)	Sea
MEDITERRANEAN	SOLLUM	1012.6	+0.7	−1.7	SW	1	0	25.9	+2.9	+1.0	30	—	21	—	61	−11	0	57	101	1
	MATRUH	1012.3	+1.3	−1.6	—	0	0	24.8	0.0	0.0	29	+1	21	+1	87	+11	0	179	158	1
	ALEXANDRIA	1012.6	+2.0	−1.3	NNE	1	0	26.8	−0.5	+0.8	34	+4	24	+2	86	+17	0	96	190	0
	PORT SAID	1011.8	+2.4	−0.1	WNW	2	0	29.4	+0.5	+2.7	32	+2	25	+2	77	+7	0	62	82	1
	GAZA	—	—	—	—	0	0	28.6	+0.7	+1.9	35	+6	22	+3	82	+12	0	251	376	—
	HAIFA	1009.1	+2.3	−0.9	ESE	2	0	34.1	—	—	37	+6	24	—	53	—	0	665	648	1
LOWER EGYPT	TANTA	1011.2	+0.8	—	—	0	0	26.5	−0.2	—	37	—	24	—	84	—	0	35	—	—
	EZBEKIYA	1012.4	+2.8	−0.4	NNW	1	8	24.0	−1.8	+0.8	35	+2	23	+3	96	+18	0	17	34	—
	GIZA	1012.6	+2.8	−0.6	—	0	8	23.6	−2.4	—	35	+3	22	+4	100	—	0	21	31	—
	HELWAN	1012.4	+2.9	−0.7	NE	1	0	24.5	+0.6	+3.0	38	+6	22	+2	79	+10	0	19	35	—
	SIWA	1012.8	+1.8	−0.5	—	0	0	26.5	+1.3	+2.8	38	+3	19	+1	57	−5	0	38	7	—
RED SEA	SUEZ	1010.3	+1.0	−1.8	N	2	0	28.0	+2.0	+3.6	37	+3	25	+3	85	+8	0	28	26	1
	TOR	1010.4	+2.5	+0.9	—	0	0	30.6	+2.6	+3.3	33	+1	21	−1	55	−17	0	11	14	0
	HURGHADA	1010.3	+2.7		NNW	6	0	32.3	+2.3	—	35	—	23		39		0	0		3
	QOSSEIR	1010.2	+2.6	—	WNW	2	0	34.8	+4.0	—	35	—	26	—	25		0	15		1
UPPER EGYPT	GEBALI	1013.3	+2.7	+0.2	NE	1	0	28.5	+2.5	+3.5	38	+4	22	+3	67	0	0	17		
	MINIA	1012.3	+3.2	—	NNE	2	1	25.7	+0.7	+1.3	36	+4	19	−1	60	−14				
	ASSIUT	1012.4	+3.3	+0.4	WSW	2	0	27.4	+2.0	+3.2	36	+3	22	+1	50	−14	0	7		
	SOHAG	1011.5	+3.3		WNW	2	0	28.8	+0.6	+0.3	41	+3	25	+3	55	+2				
	KENEH	1011.1	+2.5	—	—	0	1	—	—	—	40	—	22		—		0	1		
	ASWAN	1010.0	+3.2	0.0	—	0	1	30.6	+1.0	+1.5	45	+5	27	+3	33	−3				
SUDAN	WADI HALFA	1008.8	+2.0	−1.9	NNE	1	0	31.2	−0.6	+3.6	44	+5	27	+5	22	−11				
	MEROWE																			
	ATBARA	1009.8	−0.8	+1.4	SE	2	1	29.0	+4.0	−3.4	34	−7	23	−2	43	+15	0	105	79	
	KHARTOUM	1012.4	+1.8	+3.3	SW	2	3	26.5	+2.0	−2.5	32	−7	24	−1	77	+25	0	190	142	
EQUATORIAL NILE	EL FASHER	1010.3	+2.5	+2.1	SE	2	0	34.4	+1.0	+0.6	38	0	28	0	61	+12	0	112	122	2
	KASSALA																			
	WAD MEDANI	1012.0	+0.4	+1.8	S	2	1	24.5	+0.5	−2.5	32	−4	22	0	87	+21	8	379	362	
	KOSTI	1011.4	+0.8	0.0	SSW	1	2	24.0	+3.0	−0.2	29	−4	20	0	83	+4	4	779	700	
BAHR EL GHAZAL	EL RASHIDIA																			
	EL FASHER	1011.8	+0.4	+0.2	SSW	2	3	24.5	−1.0	−1.9	27	−8	19	−2	85	+18	1	295	311	
	MALAKAL	1012.8	+2.0	+0.9	—	0	4	22.9	−4.1	−2.6	30	−2	21	0	89	+8	58	668	804	
	WAU																			
	JUBA	1013.1	+2.1	—	NW	2	3	24.9	+0.4	—	33	—	21	—	84	—	0	910	835	

Upper Air Temperature at Heliopolis at 9 h. m.: 9 00

Height (Feet)	Speed	Direction
500	5	NE
1000	5	NNE
1500	20	WSW
2000	15	S
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — التنبؤ المأخوذ في الظهر من اليوم الظهر

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff from normal (°C)
Alexandria	78	+11	25.8	+4.8
Ezbekiya	67	+2	25.0	+3.1
Giza	75	+9	25.0	—
Helwan	63	+9	23.4	+4.4

NOTE. A dash means that figures are not available.

Terms of Subscription. By inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

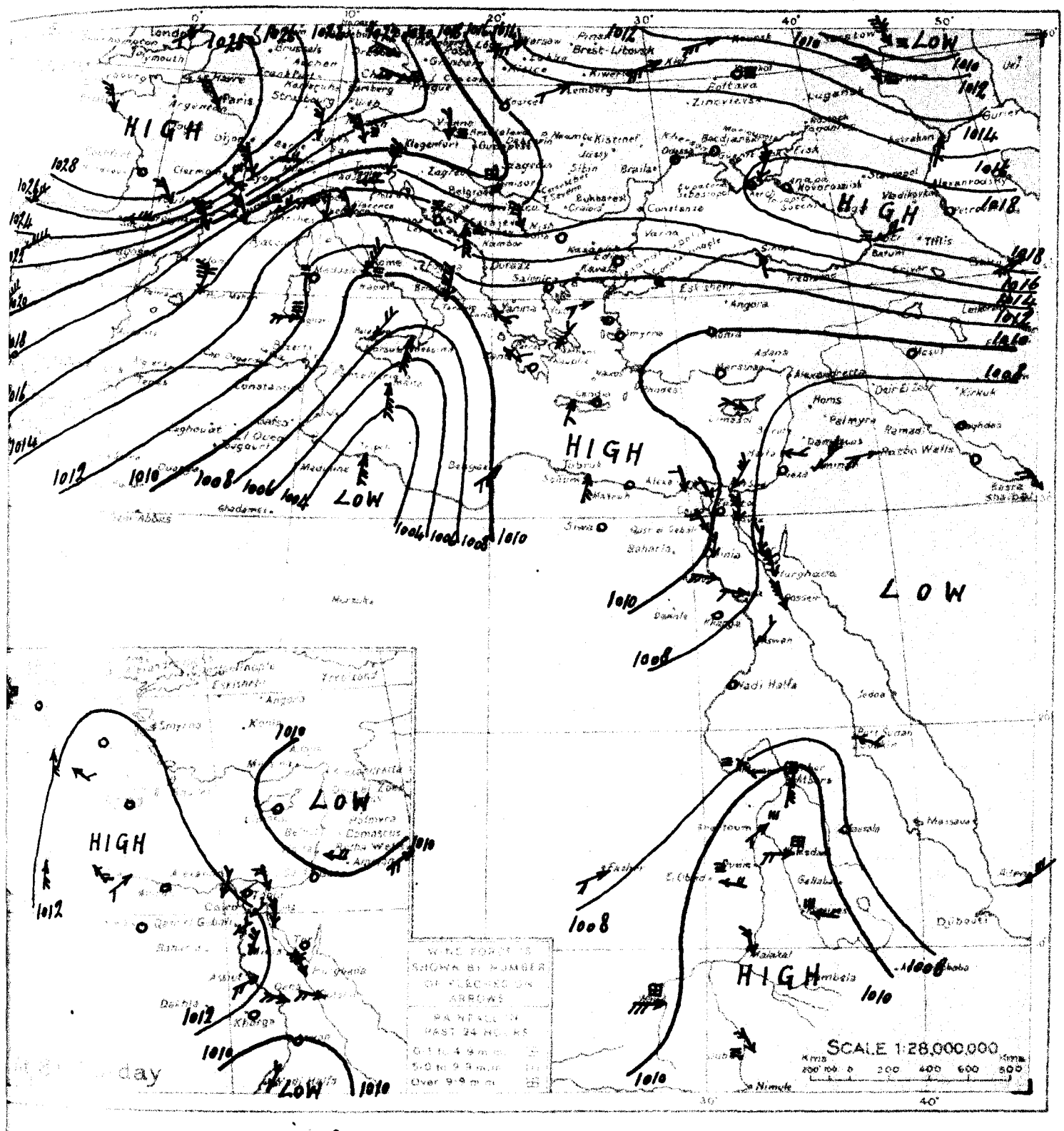
Discharges at Aswan measured by sluices m.3 per sec. DATE	1931	1930
14.9	7794	7175
13.9	7927	7123

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	14.9	14.28	+0.48	14.22	+0.43
Nasser	13.9	10.07	−0.17	10.07	−0.17
Malakal	14.9	11.98	−0.04	11.97	−0.07
Roseires	15.9	19.18	+0.79	18.58	+0.13
Sennar Res.	14.9	17.20	—	17.21	—
Makwar	14.9	11.10	−0.55	17.02	−0.68
Khartoum	14.9	15.32	−0.26	15.40	−0.20
Kh. el Gieba	13.9	13.86	+0.31	13.68	+0.04
Atbara	14.9	14.96	+0.13	14.94	+0.09
Wadi Halfa	15.9	7.57	−0.03	7.57	−0.09
Aswan Res.	14.9	97.97	—	98.10	—
" D.S.	14.9	91.85	+0.01	91.94	+0.09
El Leithi	15.9	22.19	+0.25	22.03	+0.16
Roda (Cairo)	15.9	18.65	+0.09	18.70	+0.15

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٩-١٢ Barometer and Wind at 8 h. Yesterday 14.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٩-١٤ From Observations taken at 8 h yesterday 14.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1010.0	-6.2	-6.2	NE	3	3	20	0	—	25	—	17	—	70	—	1	—	780	—
	MALTA	1005.7	-6.2	-12.1	S	5	1	27	0	—	33	+5	26	+5	70	—	0	338	444	2
	ATHENS	1010.3	-3.3	-5.1	NE	1	0	31	+5	—	—	—	—	—	20	—	—	—	386	—
	CANDIA	1011.6	-2.8	-3.5	—	0	0	23?	-6	—	31	+4	21	+1	—	—	0	581	469	1
	LIMASSOL	1008.8	0.0	-2.8	WNW	1	0	33	+3		35	+4	20	+2	—	—	0	393	466	1
EGYPT and SUDAN	Kassala	1008.0	0.0	-3.1	—	0	0	28.0	-0.5	+0.1	35	-1	21	-2	57	-7	0	231	300	—
	El Obeid	1011.4	+2.8	-0.2	SE	2	4	25.5	+2.0	-0.8	36	+1	19	-2	62	-5	4 13	294	308	—
	Wau	1009.3	0.0	-1.7	W	3	2	25.0	-0.3	+0.5	31	-2	22	+2	80	-3	14	864	1031	—
	Juba	1011.0	-0.5	—	NW	2	2	24.5	+0.1	—	33	—	19	—	77	—	3	910	831	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 39 m

" " sunset 17 h 59 m

From Observations taken at 8 h. to-day.

Wednesday 16th September, 1931 الأربعاء ١٦ سبتمبر ١٩٣١

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1016.3	+3.7	+1.8	N	1	0	25.2	-0.7	+0.4	36	—	23	—	54	-18	0	57	101	1
	MATRUH	1015.1	+2.8	+1.1	ENE	1	0	24.8	0.0	0.0	33	+5	21	+1	91	+15	0	179	158	1
	ALEXANDRIA	1014.2	+1.6	+0.2	WNW	1	0	27.1	+0.3	+1.2	33	+3	24	+2	79	+10	0	96	190	1
	PORT SAID	1013.4	+1.6	+1.4	WSW	2	0	27.3	-2.1	+0.7	35	+5	23	0	75	+5	0	62	82	1
	GAZA	—	—	—	—	0	0	29.9	+1.3	+3.3	34	+5	22	+3	64	-6	0	251	376	—
	HAIFA	1010.8	+1.7	+0.7	—	0	0	29.8	—	+1.5	39	+8	26	+5	75	+8	0	665	648	1
LOWER EGYPT	TANTA	1013.8	+2.6	—	WSW	1	0	25.6	-0.9	—	38	—	22	—	75	—	0	35	—	—
	CAIRO EZBEKIYA	1013.5	+1.1	+0.6	NE	1	0	26.7	+2.7	+3.6	37	+4	21	+1	54	-24	0	17	34	—
	CAIRO GIZA	1013.6	+1.0	+0.3	—	0	0	26.4	+2.8	—	37	+5	18	0	66	—	0	21	31	—
	CAIRO HELWAN	1013.6	+1.2	+0.4	—	0	0	26.9	+0.4	+3.4	37	+5	23	+3	41	-28	0	19	35	—
	SIWA	1014.4	+1.6	+1.0	—	0	0	25.2	-1.3	+1.6	40	+5	19	+1	57	-5	0	38	7	—
RED SEA	SUEZ	1012.2	+1.9	0.0	N	1	0	27.0	-1.0	+2.7	38	+4	24	+2	58	-19	0	28	26	0
	TOR	1010.2	-0.2	+0.5	NW	5	0	29.6	-1.0	+2.4	38	+7	25	+3	74	+2	0	11	14	5
	HURGHADA	1010.6	+0.3	—	NNW	4	0	33.3	+1.0	—	37	—	28	—	42	—	0	0		2
	QOSSEIR	1009.6	-0.6	—	NW	7	0	33.8	-1.0	—	36	—	30	—	51	—	0	15		7
UPPER EGYPT	BEBALI	1014.3	+1.0	+1.1	NW	1	0	28.5	0.0	+3.5	38	+4	21	+2	49	-18	0	17	—	—
	MINYA	1012.8	+0.5	—	NNE	2	0	26.2	+0.5	+1.9	37	+5	20	0	72	-2	—	—	—	—
	ASYUT	1012.6	+0.2	+0.5	W	2	0	27.7	+0.3	+3.6	39	+6	24	+3	55	-9	0	7	—	—
	QENA	1010.8	-0.7	—	NW	1	0	29.8	+1.0	+1.4	44	+6	26	+5	46	-7	—	—	—	—
	KHARGA	1010.4	-0.7	—	—	0	0	32.8	—	—	43	—	29		34		0	1	—	—
	ASWAN	1009.4	-0.6	-0.7	—	0	0	34.3	+3.7	+5.3	45	+5	28	+4	26	-10	—	—	—	—
NORTH SUDAN	WADI HALFA	1008.2	-0.6	-2.6	NNE	2	0	32.6	+1.4	+5.1	46	+7	27	+5	24	-9	—	—	—	—
	MEROWE																			
	ATBARA																			
	KHARTOUM	1009.8	-2.6	+0.8	WSW	1	0	30.3	+3.8	+1.2	35	-4	26	+1	55	+3	0	190	143	—
EAST SUDAN	PORT SUDAN	1009.0	-1.3	+0.7	—	0	0	36.2	+1.8	+2.5	36	-2	26	-2	24	-25	0	112	122	0
	KASSALA																			
	WAD MEDANI	1010.0	-2.0	-0.2	S	2	0	28.5	+4.0	+1.4	33	-4	23	+1	64	-2	0	379	364	—
	ROSEIRES	1009.6	-1.8	-1.8	SSW	1	2	25.5	+1.5	+1.3	32	-1	22	+2	80	+1	0	779	705	—
SOUTH SUDAN	EL FASHER	1009.4	+1.6	—	WNW	1	0	24.0	-2.0	-1.0	34	-2	21	+1	67	+10	8	285	309	—
	EL OBEID	1010.0	-1.8	-1.6	WSW	2	0	27.8	+3.3	+1.3	33	-2	21	0	70	+4	0	295	314	—
	MALAKAL	1012.0	-0.8	+0.2	—	0	1	26.2	+3.3	+0.7	31	-1	22	0	82	+1	0	668	809	—
	WAU																			
	JUBA	1011.5	-1.6	—	NW	1	2	24.6	-0.3	—	33	—	20	—	87	—	0	910	838	—

Upper Wind Observations at Helwan at 8.45 h. m.

Height (metres)	Kms an hour	Direction
500	20	N
1000	15	NNW
1500	25	WNW
2000	35	WNW
3000		

General Situation الحالة العمومية

Forecast for 24 hours from noon to-day. التنبؤات لحضورها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	81	+14	25.4	+4.5
Ezbekiya	70	+5	23.3	+1.5
Giza	69	+3	23.8	—
Helwan	50	-4	22.0	+3.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
16.9	7683	7261
15.9	7651	7198

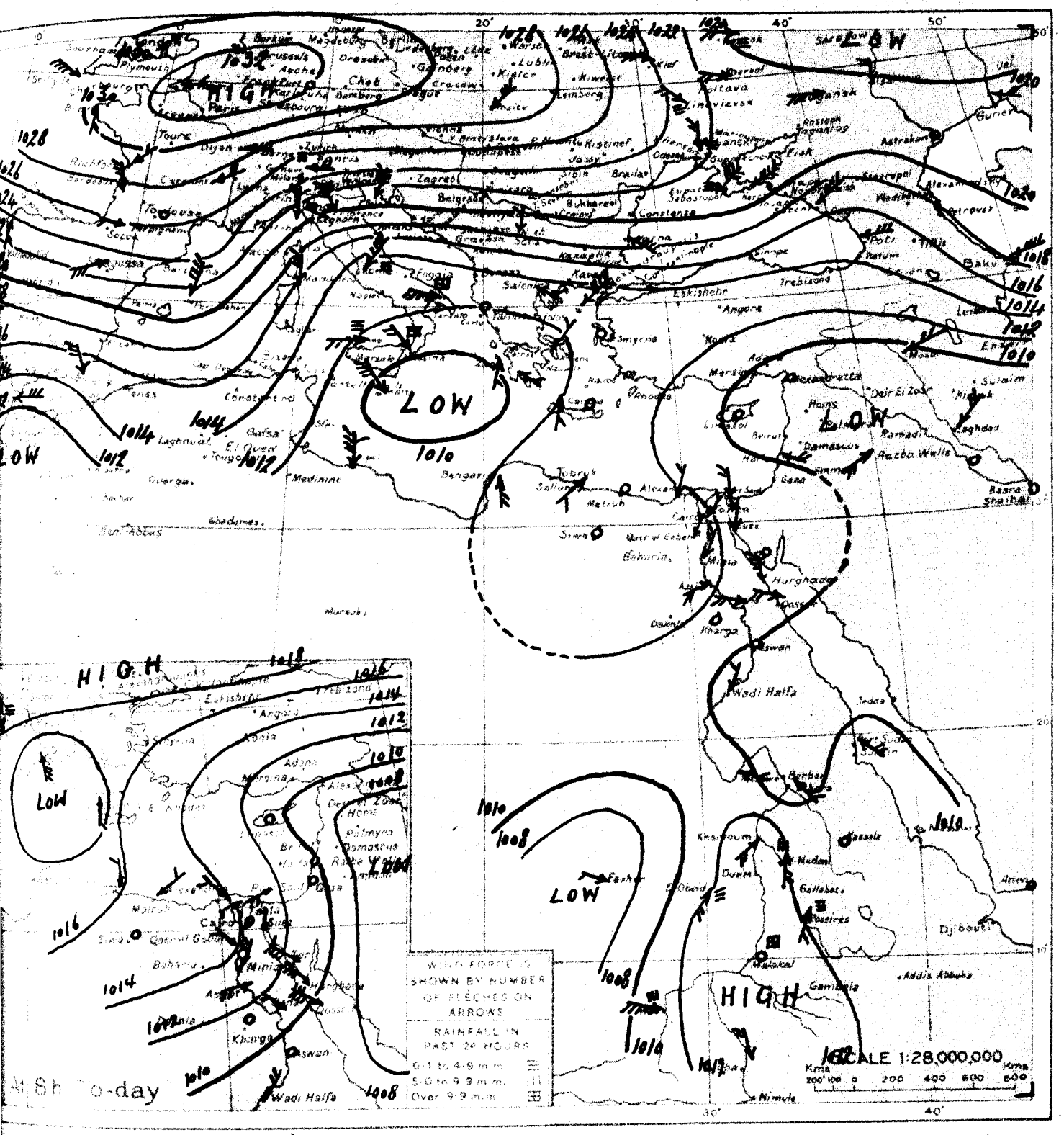
GAUGE	Date	Reading	Diff from normal	Previous (1930) Reading	Diff from normal
	1931	m.	m.	m.	m.
Juba	15.9	14.36	+0.56	14.28	+0.48
Nasser	15.9	10.10	-0.16	10.09	-0.16
Malakal	15.9	12.00	-0.05	11.98	-0.07
Roseires	16.9	18.98	+0.64	19.18	+0.79
Sennar Res.	15.9	17.20	—	17.20	—
Makwar	15.9	11.00	-0.61	11.10	-0.55
Khartoum	15.9	15.36	-0.20	15.32	-0.26
Kh. el Girba	13.9	13.86	+0.31	13.68	+0.04
Atbara	15.9	15.00	+0.20	14.96	+0.13
Wadi Halfa	15.9	7.57	-0.03	7.52	-0.09
Aswan Res.	16.9	97.87	—	97.84	—
" D.S.	16.9	91.83	+0.03	91.81	-0.01
El Leithi	16.9	22.70	+0.17	22.78	+0.25
Roda (Cairo)	16.9	18.53	-0.03	18.65	+0.09

PRINTED AT THE SURVEY OF EGYPT 1929(29/599/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-9-10 Barometer and Wind at 8 h. Yesterday 15.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-9-10 From Observations taken at 8 h. yesterday. 15.9.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.8	+2.8	-3.4	NE	4	3	14	-6	—	26	—	13	—	70	—	1	338	782	—
	MALTA	1009.3	+3.6	-8.6	NW	4	1	23	-4	—	32	+4	22	+1	60	—	0		445	3
	ATHENS	1010.3	0.0	-5.1	NE	1	0	31	0	—	—	—	—	—	20	—	—	—	386	—
	CANDIA	1013.4	+1.8	-1.7	—	0	0	27	+4	—	32	+5	18	-2	—	—	0	581	469	1
	LIMASSOL	1009.8	+1.0	-2.0	—	0	0	35	+2		38	+7	23	+5	—	—	0	393	466	1
EGYPT and SUDAN	Merowe	1010.6	+3.2	+1.4	SE	1	0	31.5	+2.0	-0.8	43	+1	27	+1	48	+19	0	32	32	—
	Kassala	1010.7	+2.7	-0.4	—	0	0	28.0	0.0	0.0	33	-3	22	-1	60	-3	0	231	302	—
	El Fasher	1007.8	+1.0	—	WNW	1	2	26.8	0.0	+1.0	34	-2	22	+2	62	+4	0	277	308	—
	Wau	1011.4	+2.1	+0.4	WNW	3	1	24.2	-0.8	-0.3	33	0	21	+1	82	-1	1	872	1036	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 40 m

" " sunset 17 h 58 m

From Observations taken at 8 h. to-day.

Thursday 17th September, 1931 ١٩٣١ الخميس ١٧ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1015.6	-0.7	+1.0	NW	4	0	24.7	-0.5	0.0	29	—	20	—	87	+15	0	57	101	2
	MATRUH	1013.5	-1.6	-0.6	NNW	3	0	25.3	+0.5	+0.6	29	+1	22	+2	90	+14	0	179	158	4
	ALEXANDRIA	1011.5	-2.7	-2.6	NNE	1	2	26.3	-0.8	+0.5	31	+1	24	+2	76	+7	0	96	191	1
	PORT SAID	1011.2	-2.2	-0.9	S	2	2	26.0	-1.3	-0.6	34	+4	22	-1	82	+12	0	62	82	1
	GAZA	—	—	—	—	0	0	27.4	-2.5	+0.8	33	+4	20	+1	78	+8	0	251	376	—
	HAIFA	1009.5	-1.3	-0.8	—	0	0	30.2	+0.4	+2.0	35	+5	26	+5	73	+6	0	665	648	0
LOWER EGYPT	TANTA	1011.5	-2.3	—	W	1	2	25.1	-0.5	—	36	—	23	—	81	—	0	35	—	—
CAIRO	EZBEKIYA	1011.2	-2.3	-1.8	WNW	1	2	24.5	-2.2	+1.5	36	+3	23	+3	82	+4	0	17	34	—
	GIZA	1011.4	-2.2	-2.0	—	0	3	24.6	-1.8	—	35	+3	20	+2	85	—	0	21	31	—
	HELWAN	1011.6	-2.0	-1.7	—	0	2	24.8	-2.1	+1.4	36	+4	21	+1	80	+11	0	19	35	—
	SIWA	1015.4	+1.0	+1.9	—	0	0	23.8	-1.4	+0.3	39	+4	18	0	60	-2	0	38	7	—
RED SEA	SUEZ	1009.9	-2.3	-2.4	N	3	0	25.0	-2.0	+0.8	36	+2	24	+2	78	+1	0	28	26	3
	TOR	1008.3	-1.9	-1.5	NW	3	0	28.1	-1.5	+1.0	37	+6	27	+5	77	+5	0	11	14	3
	PORGHADA	1008.0	-2.6	—	NNW	6	0	31.4	-1.9	—	38	—	25	—	46	—	0	0		3
	QOSSEIR	1008.0	-1.6	—	NNW	6	0	33.2	-0.6	—	36	—	29	—	36	—	0	15		6
UPPER EGYPT	ASSIUT	1012.7	-1.6	-0.6	NW	2	0	26.7	-1.8	+1.8	38	+4	21	+2	66	-1	0	17		
	MINIA	1011.4	-1.4	—	NNE	3	0	24.0	-2.2	-0.2	38	+6	19	-1	83	+9				
	BENI SUEF	1012.0	-0.6	-0.2	NW	3	0	24.9	-2.8	+0.9	39	+6	22	+1	68	+4	0	7		
	FASHN	1009.4	-1.4		W	2	0	29.1	-0.7	+0.8	43	+5	24	+3	51	-2				
	GIRGEH	1010.8	+0.4	—	N	2	0	28.9	-3.9	—	43	—	26	—	34		0	1		
	ASWAN	1008.8	-0.6	-1.4	N	2	0	32.0	-2.3	+3.1	45	+5	28	+4	23	-13				
SUDAN	WADI HALFA	1007.8	-0.4	-3.0	N	2	0	30.8	-1.8	+3.4	44	+5	26	+4	32	-1				
	KERMAH																			
	ATBARA	1007.6	-1.8	-0.9	W	2	0	33.0	+2.0	+0.6	41	0	27	+2	39	+12	0	105	80	
	KHARTOUM	1008.3	-1.5	-0.7	WSW	2	3	30.0	-0.3	+0.9	38	-1	26	+1	52	+1	dr.	190	144	
EQUATORIAL NILE	FORT SUDAN	1006.6	-2.4	-1.8	S	1	0	33.4	-2.8	-0.2	40	+2	27	-1	52	+2	0	112	122	1
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1012.3	+2.7	+0.9	NW	2	4	19.5	-6.0	-4.8	32	-1	19	-1	95	+17	15	794	710	
BLUE NILE	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 9 h 30 m

Height (metres)	Km. per hour	Direction
500	5	WNW
1000	10	W
1500	5	WNW
2000		
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	79	+12	24.7	+3.8
Ezbekiya	50	-15	21.5	-0.2
Giza	57	-10	21.9	—
Helwan	38	-16	19.2	+0.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17.9	7794	7337
16.9	7683	7261

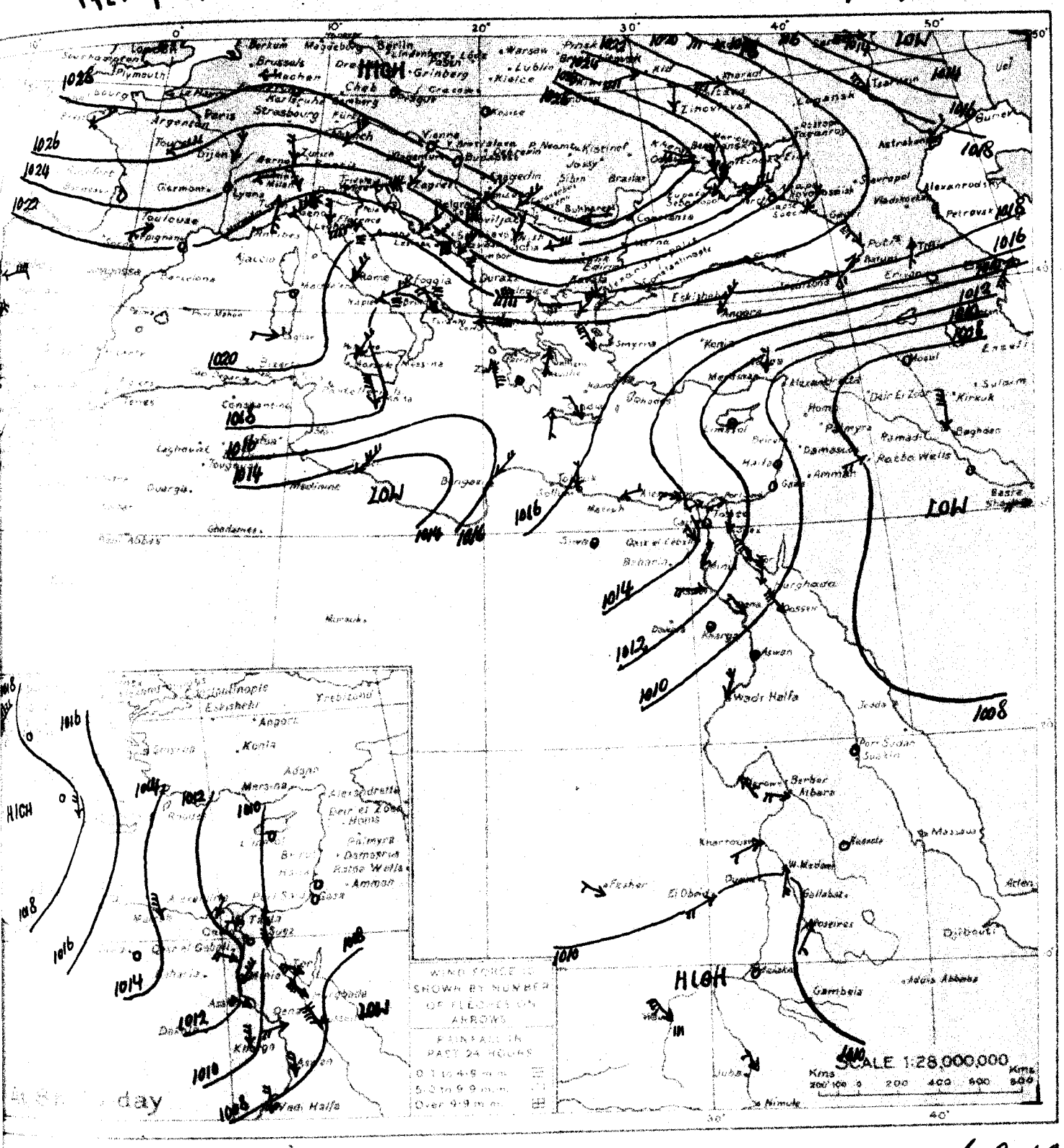
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	16.9	14.22	+0.42	14.36	+0.56
Nasser	15.9	10.10	-0.16	10.09	-0.16
Malakal	16.9	12.00	-0.06	12.00	-0.05
Roseires	17.9	19.12	+0.82	18.98	+0.64
Sennar Res.	16.9	17.21	—	17.20	—
Makwar	16.9	11.51	-0.07	11.00	-0.61
Khartoum	16.9	15.38	-0.14	15.36	-0.20
Kh. el Girba	15.9	13.74	+0.30	13.70	+0.20
Atbara	16.9	14.96	+0.19	15.00	+0.20
Wadi Halfa	17.9	7.66	+0.12	7.64	+0.08
Aswan Res.	17.9	97.97	—	97.87	—
" D.S.	17.9	91.88	+0.09	91.83	+0.03
El Leithi	17.9	22.58	+0.05	22.70	+0.17
Roda (Cairo)	17.9	18.43	-0.14	18.53	+0.03

PRINTED AT THE SURVEY OF EGYPT (929/39/590/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

1921.9.17 Barometer and Wind at 8 h. Yesterday 16.9.1931.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

1921.9.17 From Observations taken at 8 h. yesterday. 16.9.1931.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.0	+6.2	+2.8	NE	2	2	15	+1	—	19	—	13	—	70	—	—	—	784	—
	MALTA	1018.4	+9.1	+0.5	NW	4	0	22	-1	—	26	-2	21	0	50	—	0	338	446	3
	ATHENS	1017.2	+6.9	+1.8	S	1	0	23	-8	—	—	—	—	—	80	—	—	—	386	—
	CANDIA	1017.8	+4.4	+2.6	NW	1	0	28	+1	—	30	+4	18	-2	—	—	0	581	469	1
	LIMASSOL	1010.4	+0.6	-1.5	—	0	0	31	-4		38	+7	19	+1	—	—	0	393	466	1
EGYPT and SUDAN	MEROWE	1008.7	-1.9	-0.6	SE	1	0	34.5	+3.0	+2.2	43	+1	27	+1	37	+8	0	32	32	—
	ALBARA	1009.4	-0.4	+0.9	W	2	0	31.0	+2.0	-1.4	37	-4	26	+1	32	+4	0	105	79	—
	KASSALA	1009.1	-1.6	-2.0	—	0	2	32.0	+4.0	+3.9	34	-2	24	+1	33	-30	0	231	304	—
	WAU	1010.6	-0.8	-0.4	NW	4	3	22.8	-1.4	-1.8	32	-1	21	+1	89	+6	7	879	1041	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 41 m

" " sunset 17 h 57 m

From Observations taken at 8 h. to-day.

Friday 18th September 1931 ١٩٣١ الجمعة ١٨ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm.	mm.	
MEDITERRANEAN	SOLLUM	1014.7	−0.9	0.0	N	6	2	24.1	−0.6	−0.5	35	—	22	—	90	+18	0	57	101	3
	MATRUH	1013.3	−0.2	−0.9	NNE	4	0	26.2	+0.9	+1.5	28	0	25	+5	82	+6	0	179	158	6
	ALEXANDRIA	1011.2	−0.3	−3.0	N	3	2	26.8	+0.5	+1.1	32	+2	24	+2	84	+15	0	96	191	3
	PORT SAID	1010.3	−0.9	−1.9	NE	3	3	28.3	+2.3	+1.8	32	+2	26	+3	78	+8	0	62	82	3
	GAZA	—	—	—	—	0	0	29.6	+2.2	+3.1	32	+3	22	+3	75	+5	0	251	376	—
	HAIFA	1009.4	−0.1	−1.0	—	0	0	29.7	−0.5	+1.6	34	+4	25	+4	68	+1	0	665	648	1
LOWER EGYPT	TANTA	1010.8	−0.7	—	W	1	0	25.5	+0.4	—	36	—	21	—	86	—	0	35	—	—
	CAIRO EZBEKIYA	1010.4	−0.8	−2.7	NNW	2	2	25.0	+0.5	+2.0	—	—	22	+3	85	+7	0	17	34	—
	GIZA	1010.2	−1.2	−3.3	NNW	2	3	25.4	+0.8	—	33	+2	21	+3	88	—	0	21	31	—
	HELWAN	1010.3	−1.3	−3.1	N	3	3	25.1	+0.3	+1.8	32	0	22	+2	81	+12	0	19	35	—
	SIWA	1014.8	−0.6	+1.2	NNW	1	0	23.8	0.0	+0.4	39	+4	21	+3	79	+17	0	38	7	—
RED SEA	SUEZ	1008.4	−1.5	−4.0	N	3	0	27.0	+2.0	+2.8	34	0	24	+2	77	0	0	28	26	2
	TOR	1006.4	−1.9	−3.6	NW	3	0	28.1	0.0	+1.1	33	+2	23	+1	84	+12	0	11	14	3
	HURGHADA	1008.2	+0.2		NNW	5	0	30.0	−1.4		34		22		64		0	0		3
	QOSSEIR	1008.2	+0.2	—	NW	3	0	33.9	+0.7	—	35	—	26	—	29		0	15	—	3
UPPER EGYPT	GEBALI	1011.2	−1.5	−2.2	NW	4	0	27.0	+0.3	+2.2	35	+1	22	+4	66	−1	0	17	—	—
	MINYA	1011.0	−0.4	—	NNE	3	3	25.0	+1.0	+0.9	33	+1	21	+1	80	+6			—	—
	ASYUT	1010.8	−1.2	−1.5	NW	2	0	25.9	+1.0	+1.9	34	+1	23	+2	59	−5	0	7	—	—
	QENA	1009.8	+0.4		WNW	1	0	27.8	−1.3	−0.4	39	+1	24	+3	58	+5			—	—
	KHARGA	1010.3	−0.5		—	0	0	27.2	−1.7	—	38	—	19		46		0	1	—	—
	ASWAN	1009.1	+0.3	−1.2	—	0	0	28.7	−3.3	−0.1	41	+1	24	0	42	+6	—	—	—	—
NORTH SUDAN	WADI HALFA	1009.4	+1.6	−1.5	NNW	2	0	29.0	−1.8	+1.7	42	+3	25	+3	34	+1			—	—
	MEROWE	1009.1	+3.3	−0.3	SE	3	0	30.0	−4.5	−2.2	42	0	27	+2	50	+21	0	32	33	—
	ATBARA	1008.4	+0.8	−0.2	SW	2	0	31.0	−2.0	−1.4	38	−3	27	+2	48	+21	0	105	80	—
	KHARTOUM	1009.0	+0.7	0.0	SW	4	2	29.4	−0.6	+0.2	38	−1	25	0	50	−1	0	190	144	—
SOUTH SUDAN	PORT SUDAN	1007.6	+1.0	−0.9	S	1	0	35.7	+2.3	+2.3	38	0	28	0	42	−8	0	112	122	1
	KASSALA	1009.4	+1.6	−1.6	S	1	[illegible]	28.0	−2.0	−0.3	34	−2	21	−2	44	−17	0	231	308	—
	WAD MEDANI	1009.8	−0.1	−0.3	SSE	3	0	28.0	+1.2	+0.8	36	−1	21	−1	63	−3	0	379	369	—
	ROSEIRES	1010.6	−1.7	−0.7	SE	2	3	21.0	+1.5	−3.3	26	−7	19	−1	91	+13	40	834	715	—
SUDAN	EL FASHER	1008.3	−2.3		NNW	1	0	25.0	+3.5	−0.1	36	0	20	0	64	+8	0	285	311	
	EL OBEID	1011.4	+2.4	−0.2	SE	2	3	24.0	−4.0	−2.6	32	−3	19	−2	75	+10	0	298	320	
	MALAKAL	1013.6	+2.0	+1.9	—	0	4	22.0	−5.3	−3.6	28	−4	20	−2	95	+15	63	731	819	
	WAU	1010.8	−0.6	−0.2	W	3	0	25.0	+0.8	+0.4	26	−7	20	0	80	−2	8	889	1052	
	JUBA	1012.7	+0.8	—	N	3	4	24.1	−2.5	—	34	—	19	—	89		2	912	846	

TEMP. F. C. — PRESS. Mm. Mb

Upper Wind Observations at Helwan at 8 a. m.

Height (metres)	Km. per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation — الحالة العامة

Forecast for 24 hours from noon to-day. — [illegible] الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	80	+13	24.4	+3.6
Ezbekiya	67	+2	23.0	+1.3
Giza	71	+4	23.0	—
Helwan	61	+7	22.2	+3.4

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
18.9	7828	7394
17.9	7794	7337

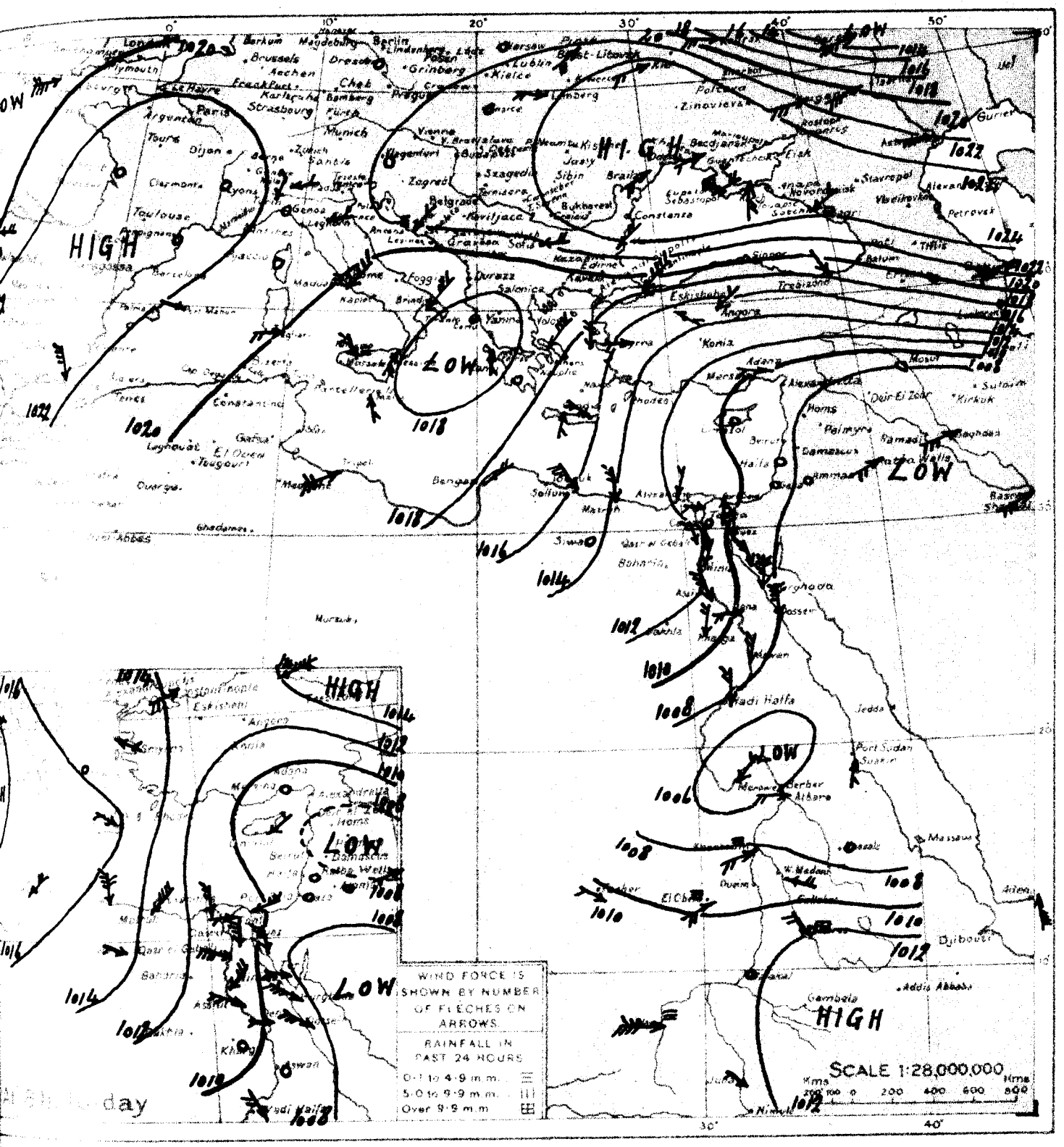
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Prev. day Reading m.	Prev. day Diff. from normal m.
Juba	18.9	14.20	+0.40	14.20	+0.40
Nasser	17.9	10.12	−0.16	10.11	−0.16
Malakal	16.9	12.00	−0.06	12.00	−0.05
Roseires	17.9	19.12	+0.82	18.98	+0.64
Sennar Res.	18.9	17.20	—	17.20	—
Makwar	18.9	11.49	−0.05	11.52	−0.04
Khartoum	16.9	15.38	−0.14	15.36	−0.20
Kh. el Girba	15.9	13.74	+0.30	13.70	+0.20
Atbara	16.9	14.96	+0.19	15.00	+0.20
Wadi Halfa	17.9	7.66	+0.12	7.64	+0.00
Aswan Res.	18.9	98.00	—	97.97	—
" D.S.	18.9	91.92	+0.15	91.89	+0.09
El Leithi	17.9	22.58	+0.05	22.70	+0.17
Roda (Cairo)	17.9	13.43	−0.14	13.33	−0.05

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-٩-١٧ Barometer and Wind at 8 h. Yesterday 17.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٩-١٧ From Observations taken at 8 h. yesterday 17.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
		m.b	m.b	m.b.				°C.	°C	°C	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.2	+0.2	+3.0	NE	3	5	14	−1	—	22	—	12	—	80	—	1	—	787	—
	MALTA	1018.8	+0.4	+0.9	SSE	1	0	23	+1	—	25	−3	19	−2	60	—	0	338	447	1
	ATHENS	1018.3	+1.1	+2.8	NE	4	0	23	0	—	—	—	—	—	60	—	—	—	387	
	CANDIA	1017.6	−0.2	+2.2	NW	2	1	27	−1	—	30	+4	22	+2	—	—	0	581	470	2
	LIMASSOL	1009.9	−0.5	−2.1	—	0	0	29	−2		36	+5	17	−1	—	—	0	393	467	0
EGYPT and SUDAN	Merowe	1005.8	−2.9	−3.6	NE	1	0	34.5	0.0	+2.2	46	+4	25	−1	23	−6	0	32	33	—
	Kassala	1007.8	−1.3	−3.2	—	0	0	30.0	−2.0	+1.8	36	0	25	+2	65	+3	0	231	306	—
	Wad Medani	1009.9	−0.1	−0.3	SE	2	2	31.8	−1.7	−0.3	37	0	21	−1	71	+5	0	379	367	—
	El Fasher	1010.6	+1.2	—	WNW	1	3	31.5	−2.5	−3.5	32	−4	19	−1	70	+13	0	285	310	—
	El Obeid	1009.0	−1.0	−2.6	WSW	2	3	28.0	+0.2	+1.4	34	−1	21	0	66	+1	3	292	317	—
	Malakal	1017.6	−0.4	−0.2	—	0	3	27.3	+1.1	+1.8	33	+1	23	+1	75	−6	0	668	814	—
	Wau	1011.4	+0.8	+0.4	W	4	4	24.2	+1.4	−0.4	33	0	22	+2	86	+4	2	881	1047	—
	Juba	1011.9	+0.4	—	NW	1	1	26.6	+2.0	—	33	—	20	—	72	—	0	910	842	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 42 m

" " sunset 17 h 56 m

From Observations taken at 8 h. to-day.

Saturday 19th September, 1931 — ١٩٣١ — السبت ١٩ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1016.0	+1.3	+1.2	NNE	3	0	24.0	-0.1	-0.6	30	—	20	—	90	+18	0	57	101	1
	MATRUH	1015.1	+1.8	+0.8	NNE	3	0	26.2	0.0	+1.6	28	0	25	+5	81	+5	0	179	158	3
	ALEXANDRIA	1013.5	+2.3	-0.9	NNE	5	0	26.8	0.0	+1.1	31	+1	24	+2	72	+3	0	96	191	4
	PORT SAID	1011.5	+1.2	-0.8	NNW	3	0	29.0	+0.7	+2.5	31	+1	26	+3	77	+7	0	62	82	4
	GAZA	—	—	—	SW	1	0	30.2	+0.6	+3.8	33	+4	24	+5	79	+10	0	251	376	—
	HAIFA	1008.2	-1.2	-2.3	—	0	0	[illegible]	—	—	35	+5	27	+6	—	—	0	665	648	1
LOWER EGYPT	TANTA	1011.9	+1.1	—	NW	1	0	27.0	+1.5	—	37	—	22	—	76	—	0	35	—	—
	CAIRO: EZBEKIYA	1011.9	+1.5	-1.3	NNE	3	3	27.0	+2.0	+4.1	—	—	24	+5	76	-2	0	17	34	—
	CAIRO: GIZA	1011.9	+1.7	-1.7	N	3	3	26.9	+1.5	—	34	+3	24	+7	77	—	0	21	31	—
	CAIRO: HELWAN	1011.8	+1.5	-1.7	NNE	4	1	26.6	+1.5	+3.3	36	+4	25	+5	79	+1	0	19	35	—
	SIWA	1016.4	+1.6	+2.7	N	1	0	22.8	-1.0	-0.5	38	+3	20	+2	78	+16	0	38	7	—
RED SEA	SUEZ	1009.5	+1.1	-3.0	N	3	3	28.0	+1.0	+3.9	39	+5	26	+4	81	+4	0	28	26	2
	TOR	1009.0	+2.6	-1.2	NW	2	0	28.6	+0.5	+1.6	32	+1	22	0	85	+13	0	11	14	2
	HURGHADA	1009.4	+1.2	—	NNW	5	0	29.9	-0.1	—	34	—	22	—	77	—	0	0	—	3
	QOSSEIR	1008.4	+0.2	—	NW	4	0	33.7	-0.2	—	35	—	27	—	41	—	0	15	—	4
UPPER EGYPT	GEBALI	1012.6	+1.4	-0.9	NE	4	0	26.0	-1.0	+1.3	35	+2	23	+5	72	+5	0	17	—	—
	MINYA	1011.1	+0.1	—	NNE	3	2	26.5	+1.5	+2.5	34	+2	24	+4	80	+6	—	—	—	—
	ASYUT	1011.2	+0.4	-1.2	WSW	2	0	27.5	+1.6	+3.6	34	+1	23	+2	79	+15	0	7	—	—
	QENA	1010.3	+0.5	—	W	2	0	28.8	+1.0	+0.7	40	+2	24	+3	57	+4	—	—	—	—
	KHARGA	1010.7	+0.4	—	—	0	0	28.3	+1.1	—	37	—	20	—	50	—	0	1	—	—
	ASWAN	1009.9	+0.8	-0.5	—	0	0	29.0	+0.3	+0.3	39	-1	24	+1	29	-8	—	—	—	—
SUDAN	WADI HALFA	1010.2	+0.8	-0.8	—	0	0	27.8	-1.2	+0.6	38	-1	24	+2	37	+4	—	—	—	—
	MEROWE	1010.2	+1.1	+0.7	SE	2	0	31.0	+1.0	-1.2	43	+1	28	+3	40	+11	0	32	33	—
	ATBARA	1008.6	+0.2	0.0	S	2	1	28.0	-3.0	-4.4	40	-1	24	-1	57	+30	3	108	80	—
	KHARTOUM	1010.3	+1.3	+1.3	N	1	1	29.4	0.0	+0.2	38	-1	26	+1	59	+9	0	190	145	—
	FORT SUDAN	1009.1	+1.5	+0.5	—	1	1/10	33.1	-2.6	-0.2	39	+2	27	-1	59	+8	0	112	122	1
	KASSALA																			
	WAD MEDANI	—	—	—	N	2	1	26.0	-2.0	-1.3	36	-1	22	0	73	+8	0	379	371	—
	ROSE RES	1009.3	-1.3	-2.0	SSW	1	1	25.5	+4.5	+1.2	29	-5	21	+1	88	+10	0	834	720	—
EQUATORIAL SUDAN	EL FASHER	1008.2	-0.1	—	WNW	1	0	25.0	0.0	-0.1	39?	+3	22	+2	68	+13	0	285	312	—
	EL OBEID	1011.4	0.0	-0.2	SE	2	3	24.0	0.0	-2.7	32	-3	19	-2	75	+11	0	298	322	—
	MALAKAL	1011.9	-1.7	+0.2	ENE	1	0	27.0	+5.0	+1.4	30	-3	22	0	82	+2	tr.	731	824	—
	WAU	1009.1	-1.7	-1.9	NW	3	0	28.0	+3.0	+3.4	33	0	22	+2	77	-5	0	889	1057	—
	JUBA	1011.2	-1.5	—	NNW	2	1	26.2	+2.1	—	34	—	20	—	78	—	0	912	849	—

Upper Wind Observations at Helwan at h. m. 9 30

Height (metres)	Miles per hour	Direction
500	20	NE
1000	20	ENE
1500	20	ESE
2000	30	ESE
3000	35	SSE

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — التوقعات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	84	+17	25.4	+4.6
Ezbekiya	71	+6	24.8	+3.2
Giza	75	+8	25.0	—
Helwan	68	+14	24.0	+5.2

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

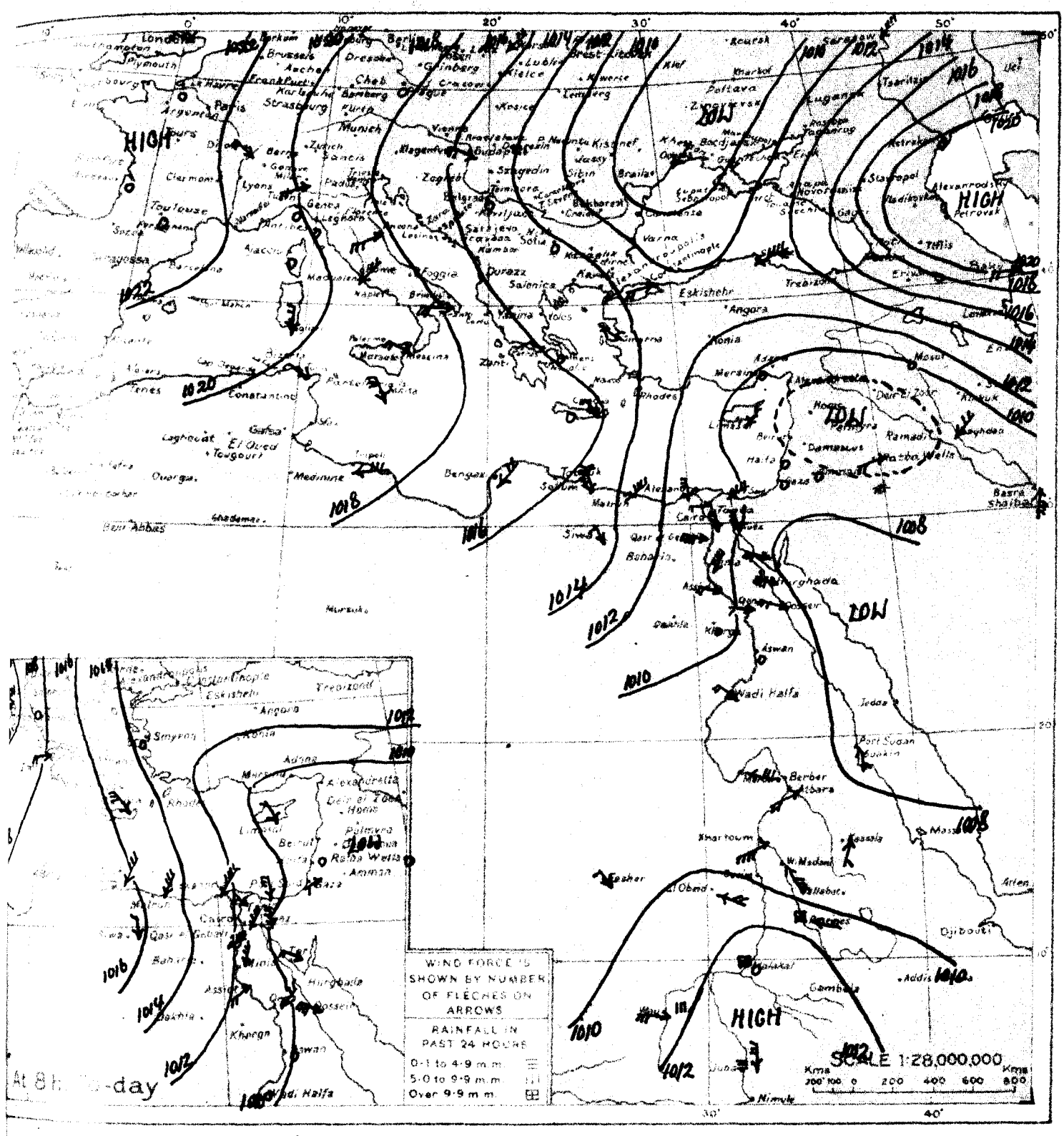
DATE	1931	1930
18.9	7828	7394
17.9	7794	7337

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	18.9	14.20	+0.40	14.20	+0.40
Nasser	17.9	10.12	-0.16	10.11	-0.16
Malakal	18.9	12.04	-0.04	12.00	-0.07
Roseires	19.9	19.75	+1.54	20.20	+1.95
Sennar Res.	18.9	17.20	—	17.20	—
Makwar	18.9	11.49	-0.05	11.52	-0.04
Khartoum	18.9	15.46	+0.02	15.38	-0.10
Kh. el Girbd	17.9	13.42	+0.12	13.46	+0.08
Atbara	18.9	14.80	+0.10	14.96	+0.22
Wadi Halfa	19.9	7.63	+0.14	7.62	+0.11
Aswan Res.	18.9	98.00	—	97.97	—
" D.S.	18.9	91.92	+0.15	91.88	+0.09
El Leithi	19.9	22.42	-0.13	22.49	-0.05
Roda (Cairo)	19.9	18.22	-0.36	18.33	-0.29

PHYSICAL DEPARTMENT.

REPORT.

٣١-٩-١٨ Barometer and Wind at 8 h. Yesterday 18.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٩-١٨ From Observations taken at 8 h. yesterday 18.9.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.8	+0.6	+3.6	NE	2	0	14	0	—	21	—	10	—	70	—	—	—	789	—
	MALTA	1018.5	-0.3	+0.6	NNW	3	0	22	-1	—	27	-1	21	+1	60	—	0	338	448	2
	ATHENS	1015.2	-3.1	-0.3	—	0	0	25	+2	—	—	—	—	—	60	—	—	—	388	—
	CANDIA	1016.2	-1.4	+0.7	NW	1	1	26	-1	—	29	+3	20	0	—	—	0	581	470	2
	LIMASSOL	1008.8	-1.1	-3.5	NNE	1	0	31	+2		36	+5	19	+1	—	—	0	393	467	0
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 42 m

" " sunset 17 h 54 m

From Observations taken at 8 h. to-day.

Sunday 20th September, 1931 ١٩٣١ الأحد ٢٠ سبتمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C		°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1017.6	+1.6	+2.8	NNW	4	0	22.8	-1.2	-1.7	30	—	18	—		82	+10	0	57	101	2
	MATRUH	1015.4	+0.3	+1.0	NNW	4	2	25.3	-0.9	+0.7	28	0	25	+5		75	0	0	179	158	6
	ALEXANDRIA	1014.4	+0.9	-0.2	NNE	1	0	26.4	-0.4	+0.8	31	+1	24	+2		77	+8	0	96	191	1
	PORT SAID	1013.4	+1.9	+1.1	NNE	3	1	28.0	-1.0	+1.6	33	+3	25	+3		69	-1	0	62	82	4
	GAZA																				
	HAIFA	1010.0	+1.8	-0.6	—	0	0	31.4	—	+3.4	39	+9	27	+7		68	+1	0	665	648	1
LOWER EGYPT	TANTA	1013.9	+2.0	—	N	1	0	25.8	-1.2	—	35	—	20	—		73	—	0	35	—	—
	CAIRO EZBEKIYA	1013.8	+1.9	+0.5	NNE	3	2	24.0	-3.0	+1.2	36	+4	21	+2		79	+1	0	17	34	—
	CAIRO GIZA	1014.0	+2.1	+0.3	N	2	2	24.1	-2.8	—	34	+3	20	+3		79	—	0	21	31	—
	CAIRO HELWAN	1013.3	+1.5	-0.3	N	4	0	25.3	-1.3	+2.1	36	+4	23	+3		64	-5	0	19	35	—
	SIWA	1017.6	+1.2	+3.9	—	0	0	23.6	+0.8	+0.4	38	+3	21	+3		82	+20	0	38	7	—
RED SEA	SUEZ	1011.9	+2.4	-0.8	N	3	0	27.2	-0.8	+3.2	37	+4	25	+3		69	-8	0	28	26	2
	TOR	1009.4	+0.4	-1.0	NW	3	0	28.8	+0.2	+1.9	33	+2	26	+4		79	+7	0	11	14	3
	HURGHADA																				
	QOSSEIR	1009.0	+0.6	—	NW	6	0	32.8	-0.9	—	35	—	28	—		56		0	15		6
UPPER EGYPT	GEBALI	1014.0	+1.4	+0.4	NW	4	0	26.0	0.0	+1.3	36	+3	22	+4		69	+2	0	17		—
	MINYA	1013.0	+1.9	—	N	3	0	25.5	-1.0	+1.6	35	+3	22	+2		76	+2	—			—
	ASYUT	1012.8	+1.6	+0.3	WNW	2	0	25.6	-1.9	+1.7	35	+2	24	+3		73	+8	0	7	—	—
	QENA	1010.4	+0.1	—	W	2	0	29.9	+1.1	+1.9	42	+4	25	+4		50	-3			—	—
	KHARGA	1010.2	-0.5	—	—	0	0	29.3	+1.0	—	38	—	21			66		0	1	—	—
	ASWAN	1009.9	0.0	-0.6	N	1	0	30.0	+1.0	+1.4	41	+1	26	+3		28	-9	—	—	—	—
NORTH SUDAN	WADI HALFA	1010.3	+0.1	-0.8	NE	1	0	28.6	+0.8	+1.5	41	+2	24	+2		36	+3				—
	MEROWE	1009.1	-1.1	-0.5	NE	1	0	31.0	0.0	-1.1	44	+2	25	0		32	+3	4	36	33	—
	ATBARA	1008.3	-0.3	-0.4	N	2	0	29.0	+1.0	-3.4	40	-1	22	-3		24	-3	0	108	80	—
	KHARTOUM	1008.8	-1.5	-0.2	—	0	0	30.8	+1.4	+1.5	38	-1	26	+1		48	-2	0	190	145	—
EAST SUDAN	PORT SUDAN	1009.0	-0.1	+0.2	NW	1	0	34.7	+1.6	+1.5	39	+2	25	-3		37	-14	0	112	122	1
	KASSALA																				
	WAD MEDANI	1009.3	—	-0.8	N	3	0	30.0	+4.0	+2.6	37	0	23	+1		54	-11	0	379	373	—
	ROSEIRES	1007.1	-2.2	-4.1	—	0	0	27.5	+2.0	+3.1	34	0	23	+3		80	+2	0	834	725	—
SOUTH SUDAN	EL FASHER	1009.0	+0.8	—	WNW	1	0	24.5	-0.5	-0.6	33	-3	21	+1		76	+22	9	294	312	—
	EL OBEID																				
	MALAKAL	1011.4	-0.5	-0.3	—	0	2	26.1	-0.9	+0.4	34	+1	23	+1		80	0	0	731	829	—
	WAU																				
	JUBA																				

TEMP. F C — 120 110 100 90 80 70 60 50 40 30 20

PRESS. Mm. Mo. — 775 770 765 760 755 750 745 740 735 730

Upper Wind Observations at Helwan at h. m. 8 45

Height (metres)	Knots per hour	Direction
500	35	NNE
1000	30	NNE
1500	30	NNE
2000	25	SSE
3000	55	S

General Situation — الحالة العمومية

Forecast for 24 hours from noon to day. — حالة الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	72	+5	23.6	+2.8
Ezbekiya	66	+1	23.9	+2.3
Giza	63	-4	23.7	—
Helwan	56	+2	22.9	+4.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
20.9	7744	7038
19.9	7715	7261

GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	19.9	13.60	-0.20	14.20	+0.40
Nasser	19.9	10.14	-0.16	10.13	-0.16
Malakal	19.9	12.05	-0.04	12.04	-0.04
Roseires	19.9	19.75	+1.54	20.20	+1.95
Sennar Res.	19.9	17.20	—	17.20	—
Makwar	19.9	12.33	+0.83	11.49	-0.05
Khartoum	19.9	15.46	+0.05	15.46	+0.02
Kh. el Girba	17.9	13.42	+0.12	13.46	+0.08
Atbara	20.9	14.80	+0.17	14.78	+0.12
Wadi Halfa	20.9	7.65	+0.20	7.63	+0.14
Aswan Res.	20.9	98.24	—	98.21	—
" D.S.	20.9	91.88	+0.15	91.88	+0.13
El Leithi	19.9	22.42	-0.13	22.49	-0.06
Roda (Cairo)	20.9	18.16	-0.43	18.22	-0.41

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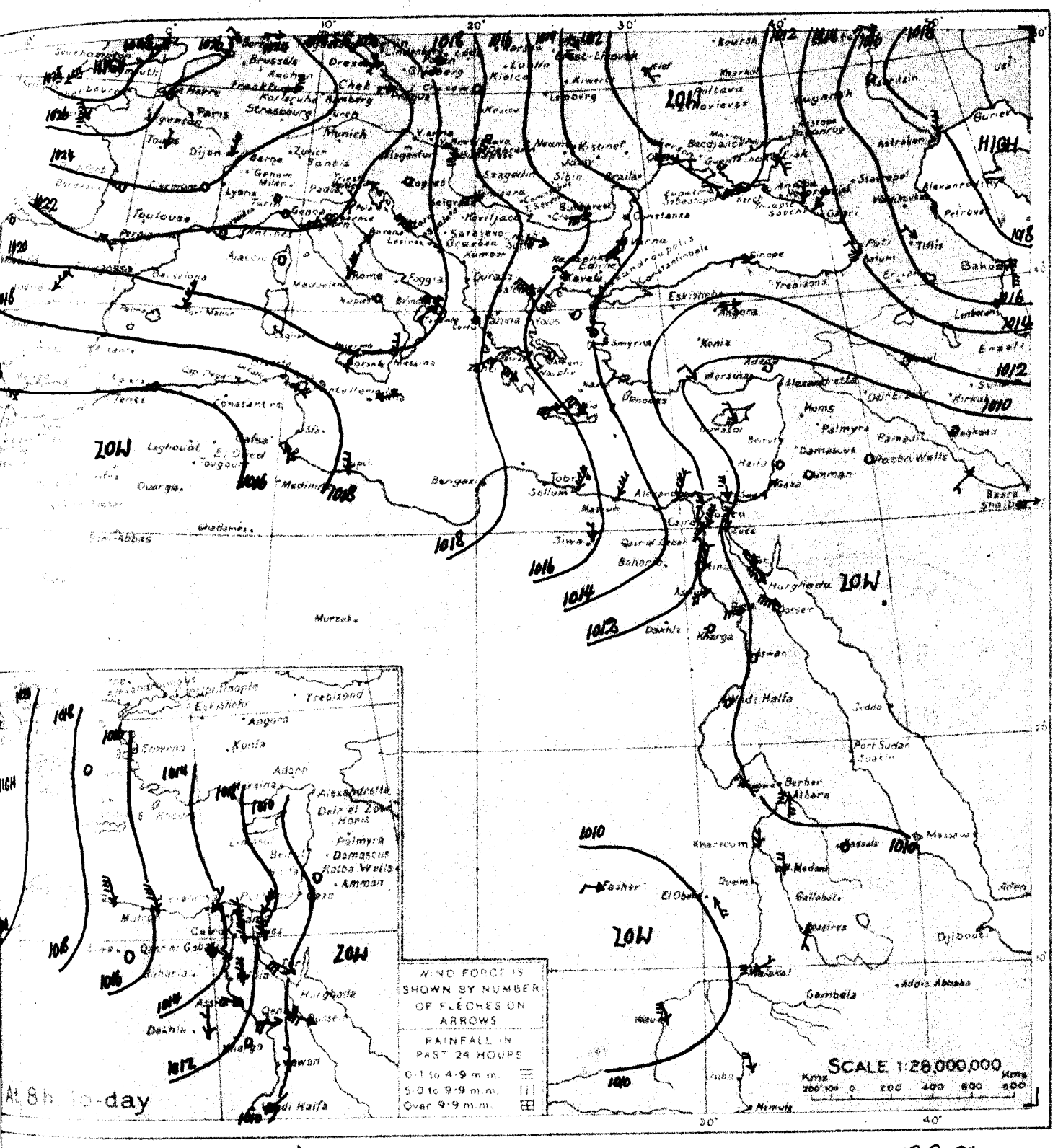
PHYSICAL DEPARTMENT.

REPORT.

٣١-٩-١٩ Barometer and Wind at 8 h. Yesterday 19.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-٩-١٩ From Observations taken at 8 h. yesterday. 19.9.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b.	m.b.				°C	°C	°C.	°C	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.6	+1.8	+5.6	NE	3	4	15	+1	—	23	—	12	—	70	—	—	—	792	—
	MALTA	1018.9	+0.4	+1.0	E	2	0	24	+2	—	25	-3	19	-1	60	—	0	338	449	2
	ATHENS	1015.5	+0.3	-0.1	—	0	1	22	-3	—	—	—	—	—	50	—	—	—	388	—
	CANDIA	1015.9	-0.3	+0.3	NW	3	1	26	0	—	29	+3	19	-1	—	—	0	581	471	4
	LIMASSOL	1009.5	+0.7	-2.8	NNW	1	0	31	0		35	+4	20	+2	—	—	0	393	467	0
EGYPT and SUDAN	Kassala	1011.0	+1.6	+0.1	—	0	0	27.0	-1.0	-1.4	34	-2	22	-1	66	+6	0	231	310	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 5 h 43 m

" " sunset 17 h 53 m

From Observations taken at 8h. to-day.

Monday 21st September, 1931 ١٩٣١ الاثنين ٢١ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total From Oct. 1 to yesterday	Rainfall: Normal From Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1014.2	-3.4	-0.7	SW	1	0	23.7	+0.9	-0.8	31	—	18	—	85	+13	0	57	101	0
	MATRUH	1013.5	-1.9	-1.0	NNW	2	0	24.2	-1.1	-0.3	27	-1	20	0	80	+5	0	179	158	2
	ALEXANDRIA	1013.1	-1.3	-1.5	NW	1	2	26.0	-0.4	+0.5	30	0	24	+2	75	+6	0	96	191	1
	PORT SAID	1011.4	-2.0	-1.0	N	2	2	27.4	-0.6	+1.1	32	+2	24	+2	64	-6	0	62	82	2
	GAZA	—	—	—	—	0	0	27.4	-1.2	+1.1	31	+2	22	+3	80	+11	0	251	376	—
	HAIFA	1008.4	-1.6	-2.4	—	0	0	31.3	-0.1	+3.4	35	+5	25	+5	63	-4	0	665	648	2
LOWER EGYPT	TANTA	1012.8	-1.1	—	WSW	1	0	24.5	-1.3	—	35	—	19	—	76	—	0	35	—	—
	CAIRO EZBEKIYA	1012.0	-1.8	-1.4	N	2	3	24.1	+0.1	+1.4	34	+2	20	+1	68	-10	0	17	34	—
	CAIRO GIZA	1012.0	-2.0	-1.8	NNW	2	4	23.1	-1.0	—	33	+2	19	+2	82	—	0	21	31	—
	CAIRO HELWAN	1011.5	-1.8	-2.2	N	2	1	24.3	-1.0	+1.2	33	+1	22	+2	69	+1	0	19	35	—
	SIWA	1016.3	-1.3	+2.5	—	0	0	23.5	-0.1	+0.4	36	+1	19	+1	80	+18	0	38	7	—
RED SEA	SUEZ	1009.1	-2.8	-3.7	N	3	0	25.0	-2.2	+1.1	34	+1	24	+2	80	+3	0	28	26	3
	TOR	1008.0	-1.4	-2.5	NW	5	0	27.5	-1.3	+0.7	33	+2	25	+3	80	+8	0	11	14	5
	HURGHADA	1007.9	-1.6	—	NNW	6	0	28.1	-1.9	—	33	—	26	—	76	—	0	0	—	4
	QOSSEIR	1007.5	-1.5	—	N	7	0	29.8	-3.0	—	34	—	27	—	70	—	0	15	—	7
UPPER EGYPT	GEBEL	1013.1	-0.9	-0.5	NW	2	0	25.0	-1.0	+0.4	35	+2	20	+2	68	+1	0	17		
	MINYA	1011.6	-1.4	—	NNW	3	3	23.5	-2.0	-0.3	33	+1	20	+1	83	+9				
	ASYUT	1012.0	-0.8	-0.6	WNW	3	3	23.6	-2.0	-0.2	35	+2	22	+1	75	+10	0	7	—	—
	QENA	1009.6	-0.8	—	W	3	0	27.1	-2.8	-0.8	40	+3	25	+4	64	+10				—
	KHARGA	1011.5	+1.3	—	N	2	0	26.4	-2.9	—	37	—	23	—	65		0	1	—	—
	ASWAN	1009.1	-0.8	-1.5	N	1	0	29.5	-0.5	+0.9	42	+2	27	+4	37	0	—	—	—	—
NORTH SUDAN	WADI HALFA	1009.9	-0.4	-1.3	N	2	0	27.6	-1.0	+0.6	40	+1	25	+3	38	+5				—
	MEROWE	1008.0	-1.1	-1.7	NE	2	0	31.5	+0.5	-0.6	45	+3	28	+3	25	-4	0	36	33	—
	ATBARA	1009.0	+0.7	+0.3	N	2	0	28.0	-1.0	-4.4	43	+2	26	+1	44	+18	0	108	81	—
	KHARTOUM	1007.4	-1.4	-1.6	N	1	1	31.4	+0.6	+2.1	41	+2	27	+2	30	-19	0	190	146	—
EAST SUDAN	PORT SUDAN	1007.6	-1.4	-1.3	NW	2	3	35.9	+1.2	+2.9	44	+7	26	-2	23	-28	0	112	122	2
	KASSALA																			—
	WAD MEDANI	1010.3	+1.0	+0.3	S	3	0	27.0	-3.0	-0.5	40	+3	22	0	66	+1	9	388	375	—
	ROSEIRES	1008.0	+0.9	-3.2	SW	1	0	26.0	-1.5	+1.6	30	-4	22	+2	76	-2	0	834	730	—
SOUTH SUDAN	EL FASHER	1009.1	+0.1	—	WSW	1	1	25.0	+0.5	-0.1	37	+1	22	+3	68	+15	0	294	313	—
	EL OBEID	1010.6	+1.5	-1.0	W	2	2	26.3	-2.2	-0.5	37	+2	21	0	67	+4	2	300	328	—
	MALAKAL	1013.3	+1.9	+1.6	—	0	4	23.9	-2.2	-1.8	30	-3	22	0	86	+6	0	731	834	—
	WAU																			—
	JUBA																			—

Upper Wind Observations at Helwan at 09 h 00 m

Height (metres)	Km. per hour	Direction
500	25	N
1000	20	NNE
1500	25	NE
2000	25	N
3000	5	NW

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

التوقعات للمدة المحصورة ما بين الظهر من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	77	+10	23.3	+2.6
Ezbekiya	67	+2	22.1	+0.7
Giza	65	-2	21.7	—
Helwan	56	+2	20.9	+2.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
21.9	7754	6885
20.9	7744	7038

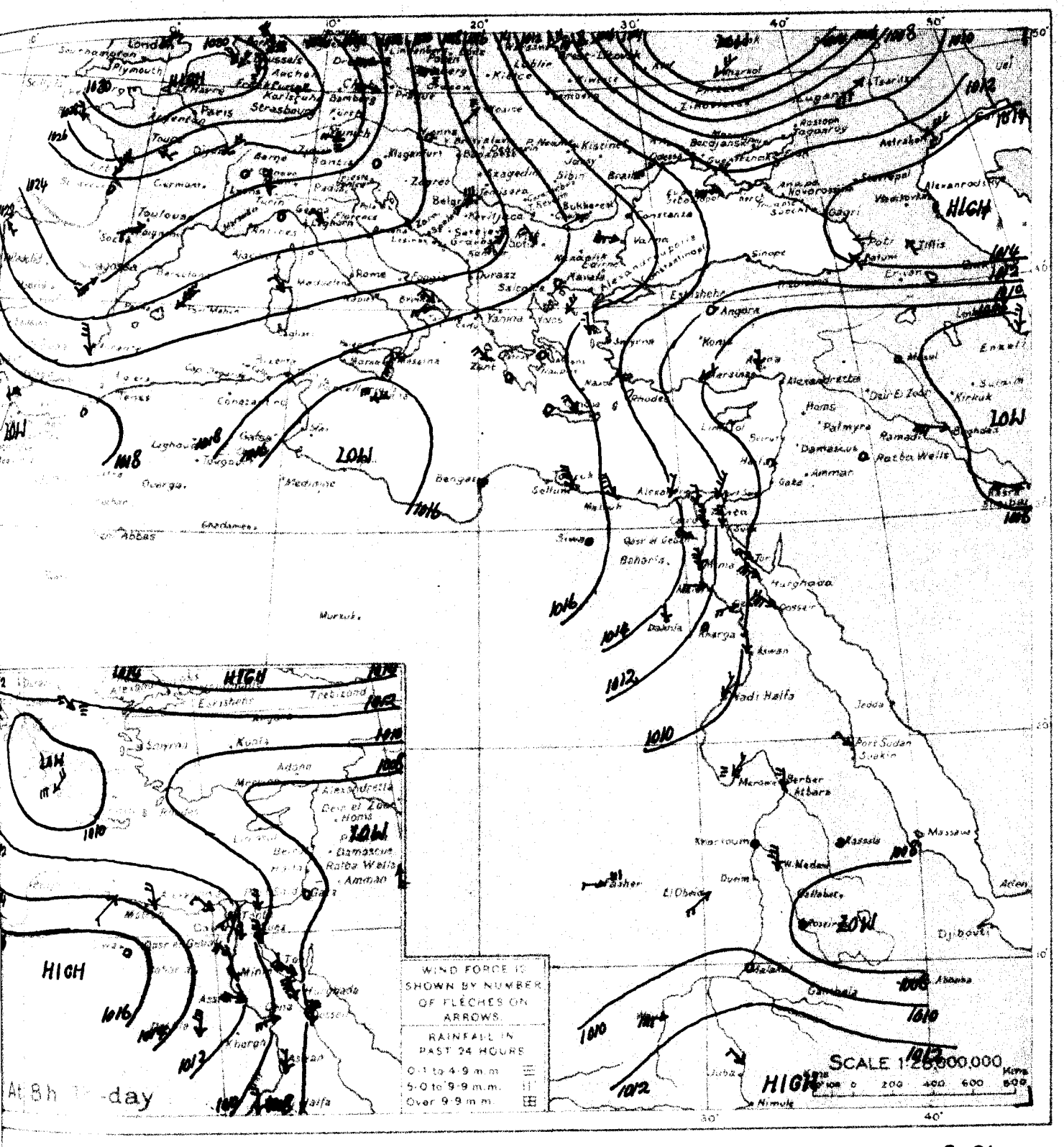
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	20.9	13.60	-0.20	13.60	-0.20
Nasser	20.9	10.20	-0.11	10.14	-0.16
Malakal	20.9	12.04	-0.06	12.05	-0.04
Roseires	21.9	18.42	+0.30	18.84	+0.66
Sennar Res.	20.9	17.19	—	17.20	—
Makwar	20.9	12.31	+0.86	12.33	+0.83
Khartoum	21.9	15.70	+0.35	15.54	+0.16
Kh. el Girba	19.9	13.50	+0.30	13.20	-0.06
Atbara	20.9	14.80	+0.17	14.78	+0.12
Wadi Halfa	21.9	7.66	+0.26	7.65	+0.20
Aswan Res.	21.9	98.25	—	98.24	—
" D.S.	21.9	91.92	+0.22	91.88	+0.15
El Leithi	21.9	22.34	-0.22	22.38	-0.17
Roda (Cairo)	21.9	18.16	-0.44	18.16	-0.43

PRINTED AT THE SURVEY OF EGYPT 1930(29/930/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ٩ - ٢٠ Barometer and Wind at 8 h. Yesterday 20.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١ - ٩ - ٢٠ From Observations taken at 8 h. yesterday. 20.9.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME									—		—		—		—		—		—
	MALTA	1015.9	-3.0	-2.0	E	1	1	24	0	—	27	0	19	-1	70	—	6	344	450	1
	ATHENS	1016.3	+0.8	+0.7	—	0	1	23	+1	—	—	—	—	—	50	—	—	—	388	—
	CANDIA	1016.8	+0.9	+1.0	NW	2	1	26	0	—	29	+3	—	—	—	—	0	581	471	2
	LIMASSOL														—	—				
EGYPT and SUDAN	Hurghada الغردقة	1009.5	+0.1	—	NNW	6	0	30.0	+0.1	—	34	—	27	—	73	—	0	0	—	4
	Kassala كسلا	1008.4	-2.6	-2.5	—	0	0	31.0	+4.0	+2.5	37	0	24	+1	53	-6	0	231	312	—
	El Obeid الأبيض	1009.1	-2.3	-2.5	SW	2	1	28.5	+4.5	+1.7	33	-2	21	0	64	0	0	298	325	—
	Wau واو	1011.0	+1.9	0.0	N	4	0	27.0	-1.0	+2.3	35	+2	22	+2	69	-13	0	889	1063	—
	Juba جوبا	1013.3	+2.1	—	NW	1	3	25.5	-0.7	—	34	—	21	—	84	—	0	912	653	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 05 h 44 m

" " sunset 17 h 52 m

From Observations taken at 8 h. to-day.

Tuesday 22nd September, 1931 — الثلاثاء ٢٢ سبتمبر ١٩٣١

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea
MEDITERRANEAN	SOLLUM	1013.3	-0.9	-1.7	NW	3	1	23.9	+0.2	-0.5	34	—	20	—	88	+16	0	57	101	1
	MATRUH	1011.1	-2.4	-3.5	NNW	5	2	26.0	+1.8	+1.6	28	0	20	0	72	-3	0	179	158	4
	ALEXANDRIA	1011.1	-2.0	-3.6	S	2	0	25.8	-0.2	+0.3	30	0	24	+2	69	0	0	96	191	1
	PORT SAID	1010.8	-0.6	-1.7	SSW	3	0	25.5	-1.9	-0.8	31	+1	22	0	75	+5	0	62	82	2
	GAZA	—	—	—	—	0	0	26.1	-1.3	-0.1	30	+1	21	+2	75	+6	0	251	376	—
	HAIFA	1008.8	+0.4	-2.1	SSW	1	0	29.9	-1.4	+2.1	35	+5	25	+5	68	+1	0	665	648	2
LOWER EGYPT	TANTA	1011.5	-1.3	—	E	1	0	24.2	-0.3	—	33	—	20	—	73	—	0	35		—
	CAIRO EZBEKIYA	—	—	—	SSW	1	0	24.4	+0.3	+1.8	33	+1	20	+1	65	-13	0	17	34	—
	CAIRO GIZA	1011.0	-1.0	-2.9	S	1	0	24.0	+0.9	—	31	0	17	0	75	—	0	21	31	—
	CAIRO HELWAN	1011.0	-0.5	-2.8	E	1	0	24.7	+0.4	+1.6	31	-1	21	+1	55	-13	0	19	35	—
	SIWA	1013.9	-2.4	0.0	—	0	0	26.0	+2.5	+3.0	37	+2	22	+4	72	+10	0	38	7	—
RED SEA	SUEZ	1010.4	+1.3	-2.5	E	1	0	25.0	0.0	+1.1	32	-1	22	0	77	0	0	28	26	0
	TOR	1007.9	-0.1	-2.7	NW	6	0	28.0	+0.5	+1.3	32	+1	26	+4	77	+5	0	11	14	6
	HURGHADA	1009.4	+1.5	—	NNW	6	0	29.4	+1.3	—	33	—	25		44		0	0		4
	QOSSEIR	1009.1	+1.6	—	NNW	7	0	30.9	+1.1	—	34	—	27	—	40	—	0	15		7
UPPER EGYPT	GEBALI	1013.0	-0.1	-0.7	NW	1	0	24.0	-1.0	-0.5	35	+2	19	+1	71	+4	0	17		—
	MINYA	1011.4	-0.2	—	NNE	1	0	24.5	+1.0	+0.8	32	0	18	-1	76	+2				—
	ASYUT	1012.3	+0.3	-0.4	WNW	3	0	24.5	+0.9	+0.8	32	-1	21	0	66	+1	0	7		—
	QENA	1010.3	+0.7	—	WSW	3	0	27.5	+0.4	-0.3	34	-3	24	+3	49	-5	—			—
	KHARGA	1011.6	+0.1	—	—	0	0	28.3	+1.9	—	35	—	22		52		0	1		—
	ASWAN	1010.2	+1.1	-0.5	—	0	0	28.3	-1.2	-0.2	40	+1	24	+1	41	+4	—	—	—	—
NORTH SUDAN	WADI HALFA	1011.1	+1.2	-0.2	N	2	0	26.8	-0.8	-0.1	38	0	23	+1	38	+4	—			—
	MEROWE	1007.8	-0.2	-1.9	NE	2	1	32.5	+1.0	+0.5	46	+4	26	+1	20	-8	0	36	33	—
	ATBARA	1009.4	+0.4	+0.6	SW	2	0	32.0	+4.0	-0.4	42	+1	28	+3	49	+23	0	108	81	—
	KHARTOUM	1008.7	+1.3	-0.3	S	3	1	29.8	-1.6	+0.5	42	+3	27	+2	53	+4	0	190	147	—
EAST SUDAN	PORT SUDAN	1009.1	+1.5	+0.1	W	1	2	34.1	-1.8	+1.2	42	+5	27	-1	53	+1	0	112	122	1
	KASSALA																			
	WAD MEDANI	1009.5	-0.8	-0.5	S	3	1	28.0	+1.0	+0.4	37	0	22	0	85	+21	0	388	377	—
	ROSEIRES	1007.9	-0.1	-3.2	SW	1	1	24.5	-1.5	0.0	33	-1	22	+2	80	+2	4	838	735	—
SOUTH SUDAN	EL FASHER	1008.2	-0.9	—	WSW	1	0	25.0	0.0	-0.1	32	-4	20	+1	47	-5	0	294	314	—
	EL OBEID																			
	MALAKAL	1010.6	-2.7	-1.0	—	0	0	28.2	+4.3	+2.5	32	-1	23	+1	74	-6	0	731	839	—
	WAU																			
	JUBA	1012.3	-2.0	—	SW	1	1	26.4	+4.5	—	29	—	21	—	73	—	0	981	860	—

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Kms an hour	Direction
500	15	E
1000	5	NW
1500	15	NW
2000	25	NW
3000	30	NW

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff. from normal (°C)
Alexandria	76	+9	23.2	+2.6
Ezbekiya	58	-7	20.7	-0.7
Giza	64	-3	21.2	—
Helwan	52	-2	19.9	+1.3

NOTE A dash means that figures are not available

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" " Abroad PT 150 "

Remarks

* Sennar Reservoir gauge reading for 2.9.31 published on 3 & 4.9.31 should read 17.20 instead of 17.30 m.

ملاحظة - صحة قراءة الخزان بمقياس خزان سنار يوم ٢/٩/٣١ المذكورة بتقرير يومي ٣ و ٤/٩/٣١ هي ١٧,٢٠ بدلا من ١٧,٣٠ مترا

Discharges at Aswan measured by sluices m 3 per sec.

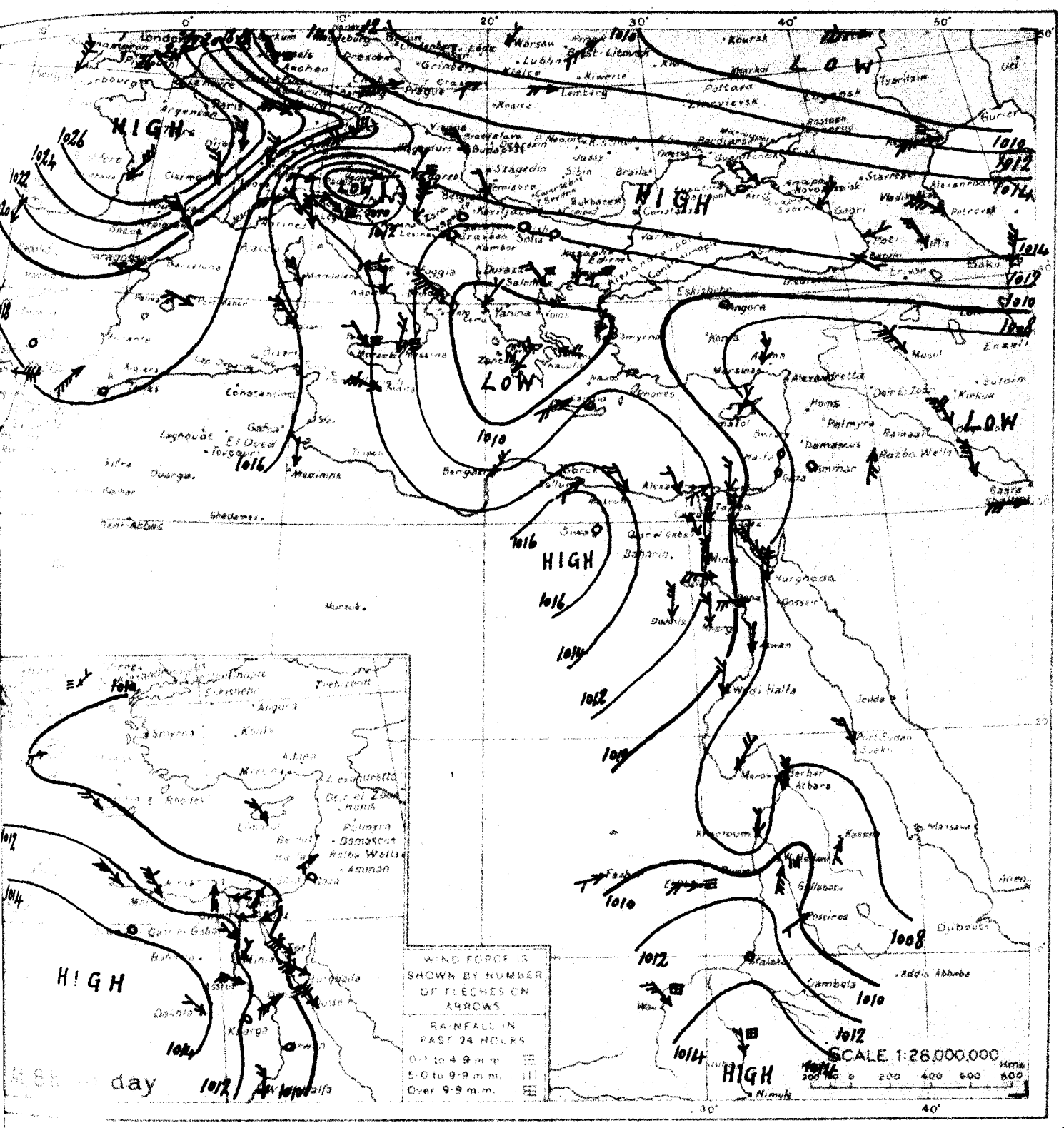
DATE	1931	1930
22.9	7792	6635
21.9	7754	6885

GAUGE	Date	Reading	Diff. from normal	Prev. day Reading	Prev. day Diff. from normal
	1931	m.	m.	m.	m.
Juba	21.9	14.28	+0.48	13.60	-0.20
Nasser	21.9	10.21	-0.12	10.20	-0.11
Malakal	21.9	12.04	-0.06	12.04	-0.06
Roseires	22.9	18.08	+0.01	18.42	+0.30
Sennar Res.	21.9	17.23	—	17.19	—
Makwar	21.9	11.47	+0.07	12.31	+0.86
Khartoum	21.9	15.70	+0.35	15.54	+0.16
Kh. el Girba	20.9	13.38	+0.26	13.50	+0.30
Atbara	21.9	14.82	+0.23	14.80	+0.17
Wadi Halfa	22.9	7.62	+0.24	7.66	+0.26
Aswan Res.	22.9	98.29	—	98.25	—
" D.S.	22.9	91.93	+0.25	91.92	+0.22
El Leithi	22.9	22.53	-0.23	22.34	-0.22
Roda (Cairo)	22.9	18.12	-0.44	18.16	-0.41

PHYSICAL DEPARTMENT.

REPORT.

٢١-٩-٣١ Barometer and Wind at 8 h. Yesterday 21.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٩-٣١ From Observations taken at 8 h. yesterday 21.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.9	—	-0.1	E	1	0	17		—	25	—	14	—	60	—	—	—	796	—
	MALTA	1013.1	-2.8	-4.7	WNW	5	0	22	-2	—	27	0	19	-1	70	—	0	344	451	3
	ATHENS	1008.8	-7.5	-6.8	ESE	2	5	21	-2	—	—	—	—	—	70	—	—	—	389	—
	CANDIA	1012.3	-4.5	-3.6	—	0	1	27	+1	—	—	—	18	-1	—	—	0	581	472	1
	LIMASSOL	1008.3	-1.9	-4.3	NNE	1	1	27	+2		33	+2	19	+1	—	—	0	393	467	0
EGYPT and SUDAN	Kassala كسلا	1009.6	+1.2	-1.3	S	1	3	27.0	-4.0	-1.6	33	-4	23	0	66	+8	0	231	314	—
	Wau واو	1009.1	-1.9	-1.8	NW	3	4	24.0	-3.0	-0.7	35	+2	20	0	85	+3	40	929	1068	—
	Juba جوبا	1014.3	+1.0	—	NNW	1	3	21.9	-3.6	—	32	—	18	—	92	—	69	981	857	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 44 m

" " sunset 17 h 51 m

From Observations taken at 8h. to-day.

Wednesday 23rd September, 1931 — ١٩٣١ — الاربعاء ٢٣ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1014.4	+1.1	-0.7	SW	3	1	23.4	-0.5	-0.9	33	—	20	—	72	+1	0	57	101	1
	MATRUH	1014.6	+3.5	-0.1	WSW	2	0	23.8	-2.2	-0.5	27	-1	18	-2	72	-3	0	179	158	2
	ALEXANDRIA	1015.5	+4.4	+0.7	S	1	0	26.0	+0.2	+0.6	32	+2	23	+1	75	+6	0	96	191	0
	PORT SAID	1014.4	+3.6	+1.7	WNW	2	0	27.2	+1.7	+1.0	35	+5	24	+2	65	-5	0	62	82	2
	GAZA	—	—	—	NW	1	1	27.9	+1.8	+1.8	31	+2	23	+4	69	0	0	251	376	—
	HAIFA	~~1010.8~~	+2.0	-0.2	—	0	0	30.7	+0.8	+2.9	34	+4	25	+5	65	-2	0	665	648	1
LOWER EGYPT	TANTA	1015.2	+3.7	—	W	1	0	24.7	+0.5	—	37	—	19	—	69	—	0	35	—	—
	EZBEKIYA	1015.4	—	+1.8	NNE	1	0	24.0	-0.4	+1.5	34	+7	21	+2	72	-6	0	17	34	—
	GIZA	1015.0	+4.0	+1.1	—	0	0	23.9	-0.1	—	34	+8	18	+1	79	—	0	21	31	—
	HELWAN	1015.2	+4.2	+1.3	N	1	0	24.1	-0.6	+1.1	38	+6	20	0	66	-2	0	19	35	—
	SIWA	1015.8	+1.9	+1.8	—	0	0	25.1	-0.9	+2.2	37	+2	20	+2	61	-1	0	38	7	—
RED SEA	SUEZ	1013.9	+3.5	+0.9	N	2	0	25.0	0.0	+1.2	37	+4	24	+3	76	-1	0	28	26	2
	TOR	1010.8	+2.9	0.0	NW	5	0	28.5	+0.5	+1.9	37	+6	27	+6	74	+3	0	11	14	5
	HURGHADA	1011.5	+2.1	—	NNW	6	0	31.2	+1.8		36		25		50		0	0		4
	QOSSEIR	1011.9	+2.8	—	N	7	0	31.0	+0.1	—	35	—	28	—	55		0	15		7
UPPER EGYPT	GEBALI	1015.9	+2.9	+2.1	N	1	0	24.8	+0.8	+0.4	37	+4	20	+2	68	+2	0	17		—
	MINYA	1015.0	+3.6	—	NNW	3	0	25.0	+0.5	+1.4	36	+5	21	+2	72	-2				—
	ASYUT	1014.0	+1.7	+1.2	WNW	2	0	26.5	+2.0	+2.8	36	+4	23	+2	55	-10	0	7		—
	QENA	1012.0	+1.7	—	W	2	0	29.1	+1.6	+1.4	41	+4	25	+4	53	-1				—
	KHARGA	1011.6	0.0	—	NE	1	0	28.9	+0.6		40	—	26		57		0	1		—
	ASWAN	1010.7	+0.5	-0.2	NNE	1	0	30.0	+1.7	+1.6	40	+1	25	+2	29	-8	—			—
SOUDAN	WADI HALFA	1009.6	-1.5	-1.8	—	0	0	29.4	+2.6	+2.6	39	+1	25	+3	31	-3	—			—
	MEROWE																			—
	ATBARA	1007.9	-1.5	-0.9	NE	2	0	30.0?	-2.0	-2.4	~~41~~	0	28	+3	65	+39	0	108	81	—
	KHARTOUM	1008.3	-0.4	-0.6	S	1	1	32.2	+2.4	+2.8	39	0	27	+2	46	-2	0	190	147	—
	PORT SUDAN	1008.4	-0.7	-0.8	W	2	0	34.4	+0.3	+1.6	37	0	27	-1	35	-17	0	112	122	2
	KASSALA																			—
	WAD MEDANI																			—
	KOSEIR																			—
COASTS OF RED SEA	EL TASHER																			—
	EL GHEID	1010.3	-0.7	-1.2	WSW	2	2	26.6	+1.6	-0.3	34	-1	21	0	76	+14	0	300	334	—
	MALAKAL																			—
	WAU																			—
	JUBA																			—

Upper Wind Observations at Helwan at h. m. 8.45

Height (Metres)	Speed (Km. per hour)	Direction
500	20	NNE
1000	25	NE
1500	35	N
2000	45	NW
3000	25	NW

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — حالة الطقس المحتملة في الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	71	+4	21.9	+1.3
Ezbekiya	60	-5	21.5	+0.2
Giza	64	-3	21.3	—
Helwan	52	-2	20.1	+1.5

NOTE. A dash means that figures are not available

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Remarks

Khashm el Girba river gauge reading for 1.9.31. published on 3 & 4.9.31 should read 13.96 instead of 13.98 m.

بملاحظة: صحة قراءة النهر بمقياس خشم القربة يوم ١-٩-٣١ المذكورة بتقريري يومي ٣ و ٤ ص ١٣,٩٦ بدلا من ١٣,٩٨ متا.

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
23.9	7783	6558
22.9	7792	6635

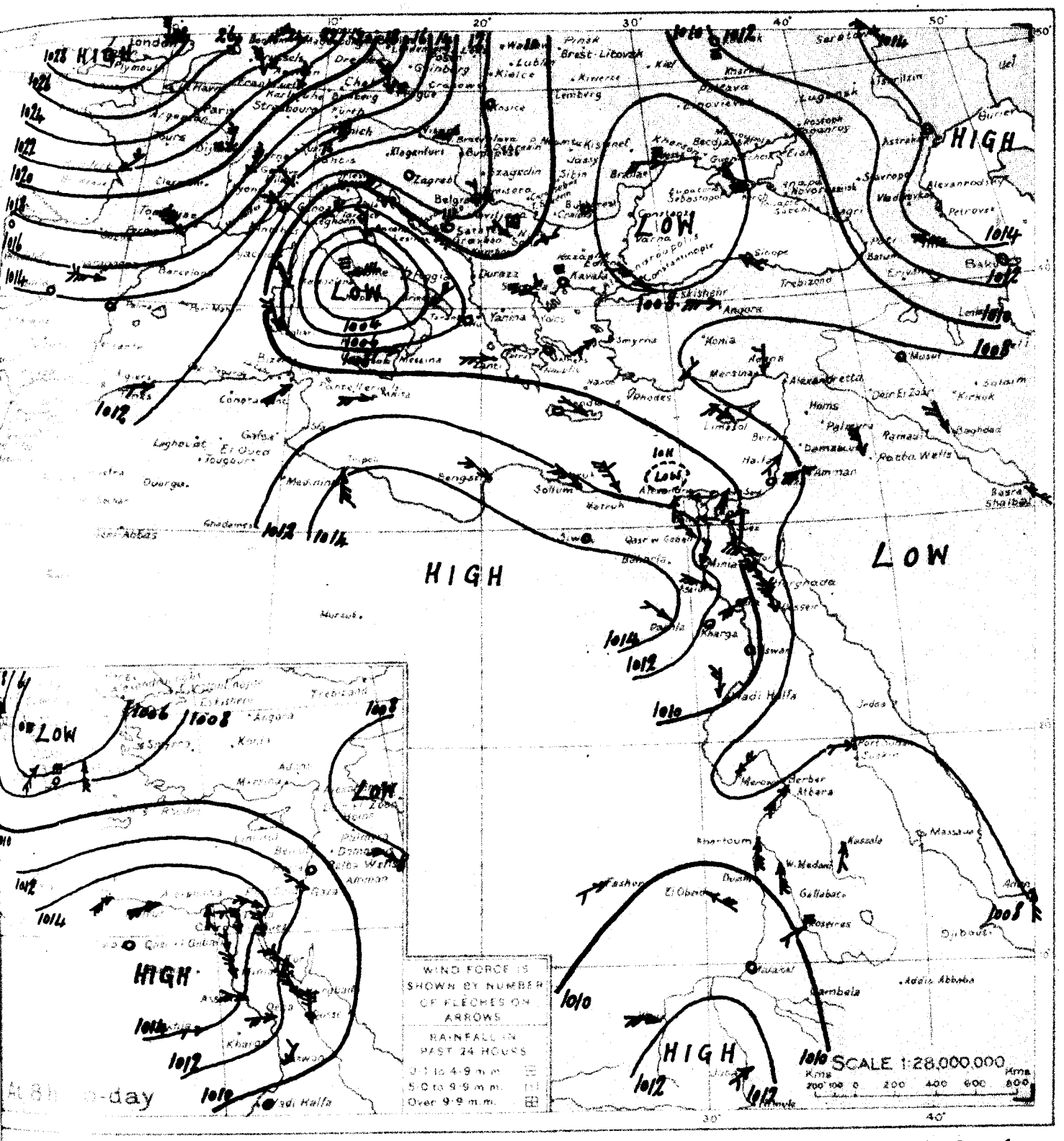
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m	m	m	m
Juba	22.9	14.30	+0.51	14.28	+0.48
Nasser	21.9	10.21	-0.12	10.20	-0.11
Malakal	22.9	12.03	-0.08	12.04	-0.06
Roseires	23.9	18.04	+0.04	18.08	+0.01
Sennar Res.	22.9	17.19	—	17.23	—
Makwar	22.9	11.06	-0.26	11.47	+0.07
Khartoum	23.9	15.70	+0.40	15.78	+0.44
Kh. el Girba	22.9	12.76	-0.24	13.28	+0.27
Atbara	22.9	14.90	+0.36	14.87	+0.43
Wadi Halfa	23.9	7.55	+0.20	7.62	+0.24
Aswan Res.	23.9	98.28	—	98.29	—
" D.S.	23.9	91.93	+0.28	91.93	+0.25
El Leithi	23.9	22.30	-0.25	22.33	-0.23
Roda (Cairo)	23.9	18.16	-0.44	18.16	-0.44

PRINTED AT THE SURVEY OF EGYPT 1929(29/699/1) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-٩-CC Barometer and Wind at 8 h. Yesterday 22.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-٩-CC From Observations taken at 8 h yesterday 22.9.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1003.5	−12.4	−12.5	E	3	4	13	−4	—	24	—	12	—	70	—	1	—	799	—
	MALTA	1011.5	−1.6	−6.3	W	2	1	22	0	—	24	−3	19	−1	60	—	0	344	452	2
	ATHENS	1009.1	+0.3	−6.7	—	0	1	20	−1	—	—	—	17	−1	60	—	—	—	390	—
	CANDIA	1011.0	−1.3	−4.9	NW	1	1	24	−3	—	30	+4	19	0	—	—	0	581	472	3
	L. MASSOL	1008.6	+0.3	−4.1	NW	2	2	27	0		32	+1	17	−1	—	—	0	393	464	3
EGYPT and SUDAN	Kassala كسلا	1009.4	−0.2	−1.4	S	1	0	28.0	+1.0	−0.7	33	−4	21	−2	54	−3	0	231	316	—
	El Obeid الأبيض	1011.0	+0.4	−0.5	SE	3	4	25.0	−1.3	−1.9	35	0	21	0	84?	+22	0	300	331	—
	Wau واو	1010.7	+1.6	−0.2	W	2	2	25.8	+1.8	+1.0	32	−1	23	+3	82	0	0	929	1073	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 44 m

" " sunset 17 h 49 m

From Observations taken at 8 h. to-day.

Thursday 24th September 1931 — الخميس ٢٤ سبتمبر ١٩٣١

	STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff from normal (mb)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea
MEDITERRANEAN	SOLLUM	1014.0	−0.4	−1.2	NNW	4	2	25.3	+1.9	+1.0	38	—	20	—	84	+13	0	57	101	2
	MATRUH	1012.6	−2.0	−2.2	SW	3	0	—	—	+2.1	34	+6	21	+1	—	—	0	179	158	2
	ALEXANDRIA	1014.4	−1.1	−0.4	S	3	0	24.2	−1.8	−1.1	32	+2	20	−2	72	+3	0	96	191	2
	PORT SAID	1014.8	+0.4	+2.1	SSE	4	0	26.0	−1.2	−0.1	32	+2	22	0	61	−9	0	62	82	3
	GAZA	—	—	—	—	0	0	26.8	−1.1	+0.8	30	+1	19	0	64	−5	0	251	376	—
	HAIFA																			
LOWER EGYPT	TANTA	1015.0	−0.2	—	NE	1	0	24.7	0.0	—	33	—	20	—	63	—	0	35	—	—
	EZBEKIYA	1014.0	−1.4	+0.3	W	1	0	24.8	+0.8	+2.4	32	0	19	−1	48	−36	0	17	34	—
	GIZA	1013.9	−1.1	−0.1	NE	1	0	23.5	−0.4	—	31	0	16	−1	70	—	0	27	31	—
	HELWAN	1013.8	−1.4	−0.2	—	0	0	25.3	+1.2	+2.3	32	+1	20	+1	47	−21	0	19	35	—
	SIWA	1014.2	−1.6	+0.1	—	0	0	27.2	+2.1	+4.4	38	+3	20	+3	60	−2	0	38	7	—
RED SEA	SUEZ	1013.5	−0.4	+0.4	N	1	0	23.5	−1.5	−0.2	33	0	23	+2	65	−12	0	28	26	2
	TOR	1011.0	+0.2	+0.1	NW	5	0	28.1	−0.4	+1.5	30	−1	24	+3	70	−1	0	11	14	5
	HURGHADA	1012.2	+0.7		NNW	5	0	29.9	−1.3		34		23		43		0	0		3
	QOSSEIR	1013.5	+1.6	—	NW	4	0	30.2	−0.8	—	37	—	28	—	56		0	15		6
UPPER EGYPT	GEBAU																			
	MINIA	1014.3	−0.7	—	NNW	2	0	23.5	−1.5	0.0	32	+1	17	−2	67	−7				
	ASYUT	1014.6	+0.6	+1.7	WNW	2	0	24.6	−1.9	+1.0	34	+2	21	+1	55	−10	0	7		
	KENA	1012.2	+0.2		W	2	0	26.9	−2.2	−0.7	40	+3	24	+4	50	−4				
	KHARGA	1013.4	+1.8		N	1	0	28.4	−0.5		38		20		51		0	1		
	ASWAN	1011.6	+0.9	+0.6	NE	1	0	28.5	−1.5	+0.2	41	+2	23	0	27	−10				
SUDAN	WADI HALFA	1011.8	+2.2	+0.4	N	1	0	27.2	−2.2	+0.5	41	+3	24	+3	32	−2				
	MEROWE	1009.0	+2.2	−0.8	NE	2	0	34.0	+0.5	+2.1	46	+4	28	+3	16	−12	0	36	33	
	ATBARA																			
	KHARTOUM	1010.4	+2.1	+1.5	SW	1	0	31.4	−0.8	+2.0	42	+3	26	+1	50	+2	1	191	148	
	PORT SUDAN	1010.2	+1.8	+0.9	W	3	1	36.2	+1.8	+3.5	39	+3	27	−1	28	−25	0	112	122	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1009.4	+0.3	−1.7	SW	1	0	26.5	+0.5	+1.9	33	−1	23	+3	80	+3	0	838	746	
	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	ASSUA																			
	JUBA																			

Upper Wind Observations at Helwan of h. m. 10. 15

Height (Metres)	Speed per hour	Direction
500	5	NNE
1000	25	N
1500	40	N
2000	35	N
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff from normal (°C)
Alexandria	72	+5	23.0	+2.5
Ezbekiya	59	−6	20.8	−0.4
Giza	67	0	20.7	—
Helwan	48	−6	19.0	+0.5

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Khashm el Girba river gauge reading for 10.9.31 is 13.96 m.

ملاحظة — قراءة الخزان بخشم القربة يوم ١٠-٩-٣١ هي ١٣٫٩٦ مترا.

Discharges at Aswan measured by sluices m 3 per sec.

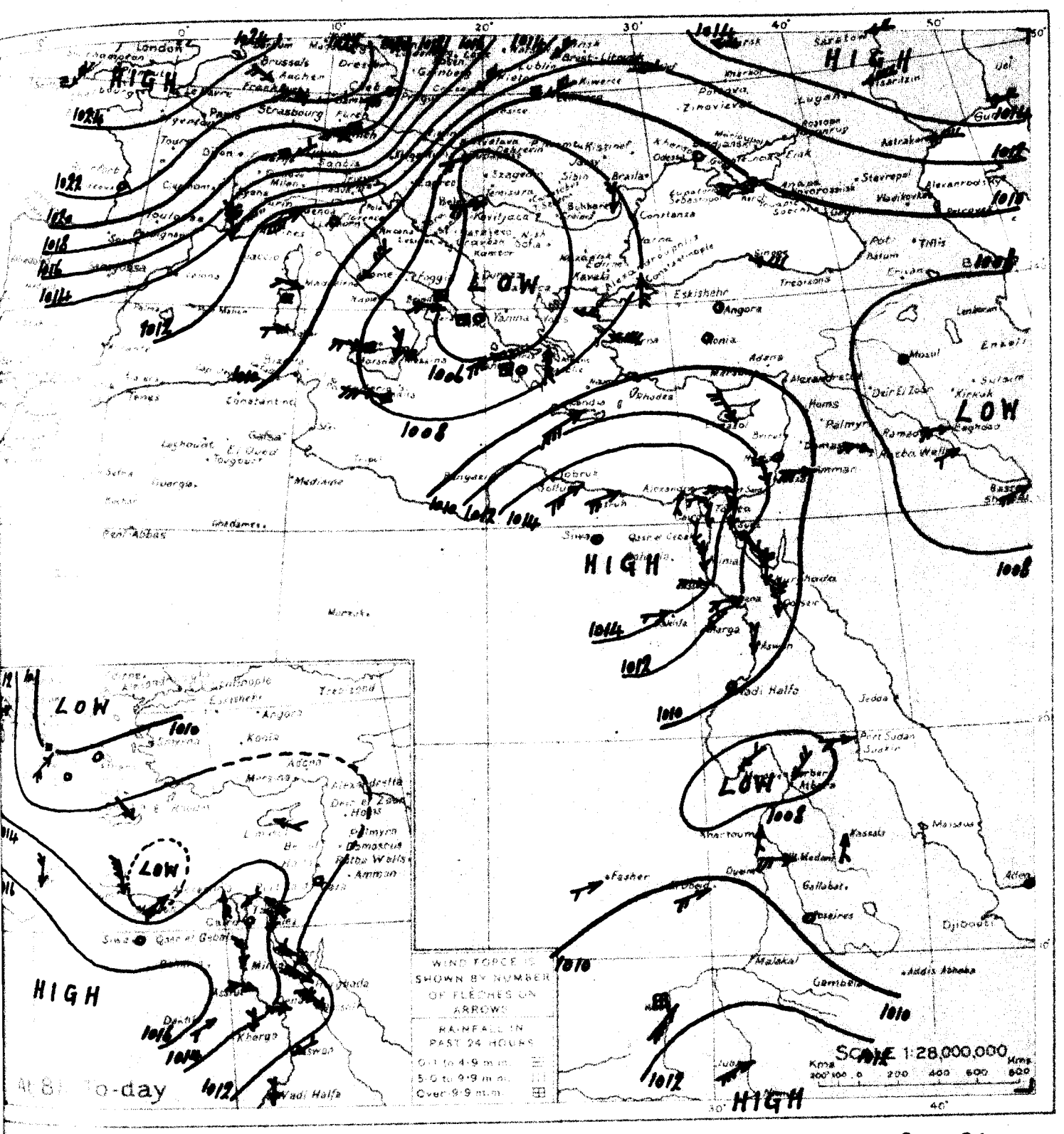
DATE	1931	1930
24.9	7734	6451
23.9	7783	6558

GAUGE	Date 1931	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Juba	23.9	13.50	−0.28	14.30	+0.51
Nasser	23.9	10.24	−0.11	10.23	−0.11
Malakal	23.9	12.03	−0.09	12.03	−0.06
Roseires	24.9	18.15	+0.20	18.04	+0.04
Sennar Res.	23.9	17.20	—	17.19	—
Makwar	23.9	10.29	−0.56	11.06	−0.26
Khartoum	24.9	15.50	+0.24	15.70	+0.40
Kh. el Girba	23.9	13.88	+0.93	13.96	−0.24
Atbara	24.9	14.92	+0.47	14.94	+0.44
Wadi Halfa	24.9	7.31	+0.21	7.85	+0.20
Aswan Res.	24.9	98.23	—	98.20	−0.11
" D.S.	24.9	91.90	+0.28	91.93	+0.25
El Leithi	24.9	92.25	−0.29	92.50	−0.25
Roda (Cairo)	24.9	12.12	−0.42	12.16	−0.44

PHYSICAL DEPARTMENT.

REPORT.

.21-9-CE Barometer and Wind at 8 h. Yesterday 23.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-9-CE From Observations taken at 8 h. yesterday. 23.9.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.7	+5.2	-7.3	NE	3	0	12	-1	—	16	—	8	—	50	—	—	—	801	—
	MALTA	1007.9	-3.6	-9.9	WNW	3	1	26	+4	—	26	-1	19	-1	60	—	3	347	453	3
	ATHENS	1006.6	-2.5	-9.2	S	3	4	23	+3	—	—	—	—	—	50	—	—	—	390	—
	CANDIA	1011.0	0.0	-5.0	SW	4	4	25	+1	—	28	+2	18	-1	—	—	0	581	473	2
	LIMASSOL	1010.8	+2.2	-2.0	NW	3	1	27	0		32	+2	20	+3	—	—	0	393	467	1
EGYPT and SUDAN	Merowe	1006.8	-1.0	-2.9	NE	1	1	33.5	+1.0	+1.5	45	+3	27	+2	17	-11	0	36	33	—
	Kassala	1009.1	0.0	-1.4	S	1	0	28.5	+0.5	-0.4	34	-3	22	-1	52	-3	0	231	313	—
	Wad Medani	1008.8	-0.7	-1.1	W	3	0	29.5	+1.5	+1.9	32	-5	24	+2	64	[illegible]	0	[illegible]	379	—
	Roseires	1009.1	—	-2.0	—	0	2	26.0	+1.5	+1.5	32	-2	23	+3	84	+7	0	[illegible]	140	—
	El Fasher	1008.2	0.0	—	WSW	1	0	26.0	+1.0	+0.9	—	—	19	0	42	-9	0	[illegible]	515	—
	Malakal	1011.5	+0.9	-0.1	—	0	3	26.0	-2.2	+0.2	32	-1	23	+1	86	+6	0	931	944	—
	Wau	1010.4	-0.3	-0.5	SSW	4	0	26.0	+0.2	+1.2	34	+1	21	+1	80	-2	22	951	1079	—
	Juba	1012.8	+0.5	—	SW	3	2	25.0	-1.4	—	34	—	20	0	91	—	0	981	824	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 45 m

" " sunset 17 h 48 m

From Observations taken at 8h. to-day.

Friday 25th September, 1931 ١٩٣١ الجمعة ٢٥ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum yesterday	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018.8	+4.8	+3.5	ESE	3	3	23.9	-1.4	-0.3	29	—	22	—	84	+13	0	57	101	1
	MATRUH	1018.0	+5.4	+3.2	N	2	0	25.8	—	+1.6	32	+4	23	+3	73	-2	0	179	158	2
	ALEXANDRIA	1017.9	+3.5	+3.0	NE	1	0	27.1	+2.9	+1.9	39	+9	20	-1	73	+4	0	96	191	1
	PORT SAID	1017.1	+2.3	+4.2	NNW	2	1	28.5	+2.5	+2.4	32	+2	25	+3	68	-1	0	62	82	3
	GAZA	—	—	—	—	0	0	27.6	+0.8	+1.7	29	0	20	+1	74	+5	0	251	376	
	HAIFA	1013.5	—	+2.2	—	0	0	30.8	—	+3.2	34	+4	26	+6	69	+3	0	665	648	1
LOWER EGYPT	TANTA	1017.6	+2.6	—	N	1	0	26.6	+1.9	—	38	—	21	—	71	—	0	35	—	—
	CAIRO / EZBEKIYA	1017.2	+3.2	+3.4	NNW	2	1	25.2	+0.4	+2.9	38	+6	23	+4	82	+4	0	17	34	—
	GIZA	1017.4	+3.5	+3.3	NNW	2	2	25.6	+2.1	—	36	+5	22	+5	83	—	0	21	31	—
	HELWAN	1017.1	+3.8	+3.0	N	3	1	26.3	+1.0	+3.4	37	+6	24	+5	73	+5	0	19	35	—
	SIWA	1017.6	+3.4	+3.3	—	0	0	26.1	-1.1	+3.4	41	+7	22	+5	70	+8	0	38	7	—
RED SEA	SUEZ	1015.2	+1.7	+2.0	N	3	3	26.9	+3.4	+3.3	37	+4	23	+2	85	+8	0	28	26	3
	TOR	1011.6	+0.6	+0.5	NW	4	0	29.8	+1.7	+3.3	36	+5	—	—	66	-5	0	11	14	4
	HURGHADA	1013.1	+0.9	—	NNW	5	0	31.0	+1.1	—	33	—	24		53		0	0		3
	QOSSEIR	1012.7	-0.8	—	NW	6	0	33.8	+3.6	—	34	—	27	—	40		0	15		6
UPPER EGYPT	GEBALI	1017.9	+2.7	+4.0	N	3	0	27.0	+2.0	+2.8	37	+4	23	+5	73	+7	0	17		
	MINYA	1016.2	+1.9	—	N	3	0	26.0	+2.5	+2.6	36	+5	22	+3	80	+6				
	ASYUT	1015.8	+1.2	+2.8	NW	3	0	27.4	+2.8	+3.9	38	+6	24	+4	56	-9	0	7		
	QENA	1012.8	+0.6	—	NW	1	0	28.5	+1.6	+1.0	41	+4	24	+4	52	-2				
	KHARGA	1013.4	0.0		NNE	1	0	32.4	+4.0		40		27		44		0	1		
	ASWAN	1012.0	+0.4	+0.9	NNE	2	0	31.4	+2.9	+3.2	41	+2	25	+2	25	-12	—	—	—	
SOUTH SUDAN	WADI HALFA	1010.4	-1.4	-1.1	NNE	1	0	31.4	+4.2	+4.8	40	+2	23	+2	21	-13				
	MEROWE	1009.1	+0.1	-0.7	NE	1	0	34.0	0.0	+2.2	46	+4	26	+1	27	-1	0	36	33	
	ATBARA	1008.3	-0.5	-0.5	SW	2	0	34.0	+1.0	+1.7	42	+2	29	+4	40	+15	0	108	82	
	KHARTOUM	1010.3	-0.1	+1.4	S	1	1	31.9	+0.5	+2.5	41	+2	27	+2	44	-3	0	191	148	
EAST SUDAN	PORT SUDAN	1010.3	+0.1	+0.9	NE	2	0	34.3	-1.9	+1.6	40	+4	27	-1	43	-11	0	112	122	2
	KASSALA	1007.8	0.0	-2.9	—	0	0	28.0	-2.0	-1.2	36	-1	23	0	63	+12	0	231	321	
	WAD MEDANI	1012.0	+1.8	+2.2	S	2	0	27.5	-2.0	-0.3	39	+1	21	-1	70	+7	4	392	383	
	KODI RES	1009.8	+0.4	-1.4	WSW	1	0	26.5	0.0	+1.9	35	+1	22	+2	80	+3	0	838	751	
WEST SUDAN	EL FASHER	1010.7	+2.3		SE	1	1	27.5	-1.5	+2.4	40	+4	22	+3	57	+8	0	294	317	
	EL OBEID	1011.2	+0.8	-0.2	SSW	1	0	26.6	-1.4	-0.5	36	0	17	-4	72	+12	20	320	339	
	MALAKAL	1012.3	+0.4	+0.8	NW	1	0	27.2	-0.6	+1.4	32	-1	23	+1	73	-6	0	731	855	
	WAU	1012.7	+2.0	+1.8	W	7	3	23.2	-3.4	-1.7	34	+1	21	+1	89	+7	9	960	1089	
	JUBA	1014.4	+1.4	—	NE	3	2	25.0	-1.4	—	34	—	20	—	80	—	0	981	871	

Upper Air Observations at HELWAN at h. m.

Height (metres)	Knots per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العامة

Forecast for 24 hours from noon to-day.

توقعات الطقس لغاية الظهر من اليوم الى الظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	74	+7	24.4	+4.0
Ezbekiya	47	-18	20.7	-0.4
Giza	61	-6	21.3	—
Helwan	32	-22	19.4	+1.0

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

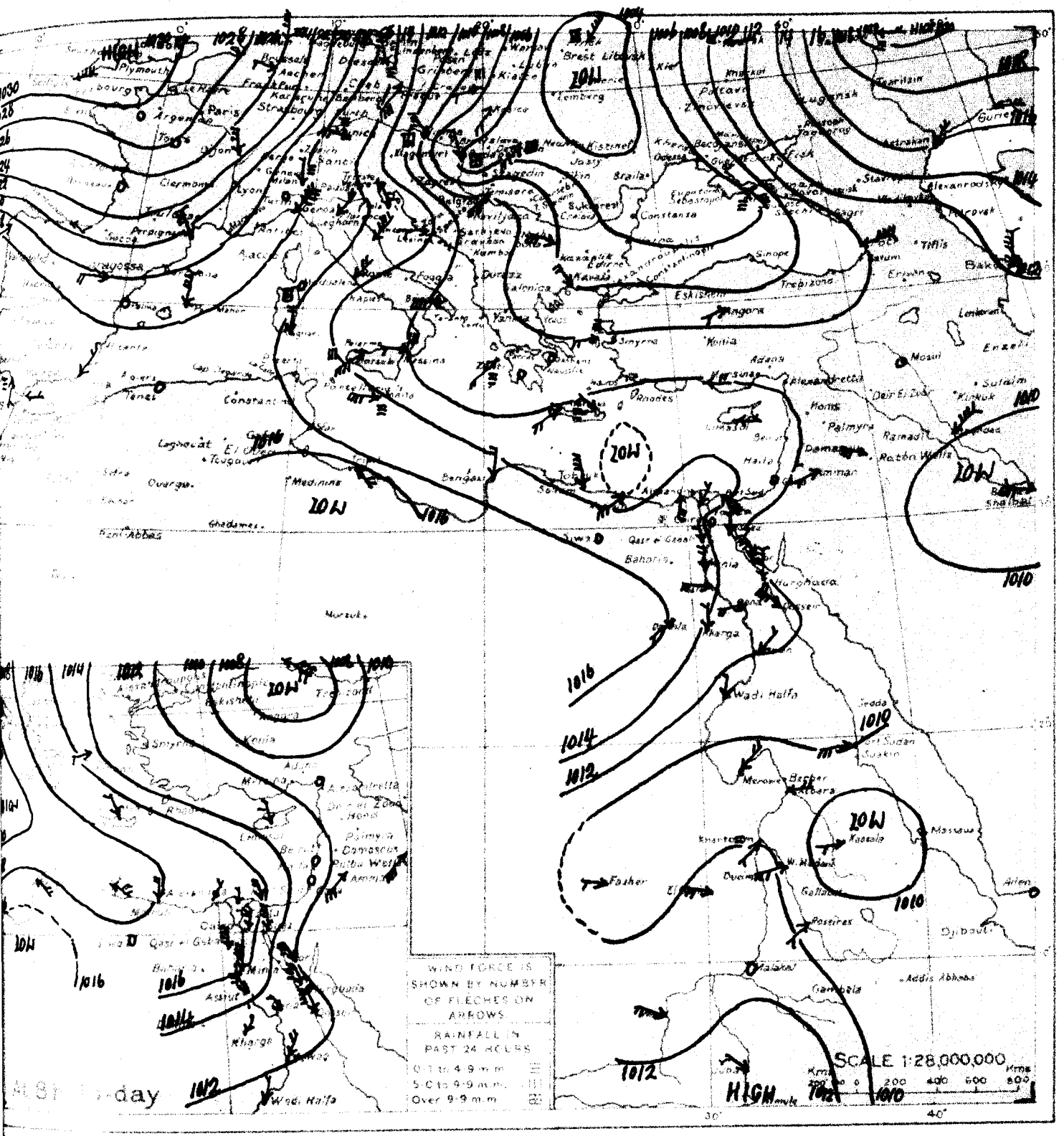
DATE	1931	1930
25.9	7646	6253
24.9	7734	6451

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	24.9	13.40	-0.37	13.50	-0.28
Nasser	24.9	10.25	-0.11	10.24	-0.11
Malakal	23.9	12.03	-0.09	12.03	-0.06
Roseires	24.9	18.15	+0.20	18.04	+0.04
Sennar Res.	25.9	17.19	—	17.20	—
Makwar	25.9	10.34	-0.82	10.62	-0.59
Khartoum	24.9	15.50	+0.24	15.70	+0.40
Kh. el Girba	23.9	13.88	+0.98	12.76	-0.24
Atbara	24.9	14.92	+0.47	14.94	+0.44
Wadi Halfa	24.9	7.51	+0.21	7.55	+0.20
Aswan Res.	25.9	98.14	—	98.23	—
" D.S.	25.9	91.85	+0.26	91.90	+0.28
El Leithi	24.9	22.25	-0.29	22.30	-0.25
Roda (Cairo)	24.9	18.12	-0.48	18.16	-0.44

PHYSICAL DEPARTMENT.

REPORT.

٢١-٩-٣٤ Barometer and Wind at 8 h. Yesterday 24.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-٩-٣٤ From Observations taken at 8 h. yesterday 24.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b	m.b	m.b				°C.	°C	°C.	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.9	+5.2	-2.1	NE	2	3	11	-1	—	19	—	9	—	50	—	—		803	—
	MALTA	1014.9	+7.0	-2.9	WNW	4	4	19	-7	—	—	—	17	-3	70	—	1	348	454	3
	ATHENS	1010.6	+4.0	-5.3	—	0	4	15	-8	—	—	—	—	—	50	—	—	—	390	—
	CANDIA	1013.1	+2.1	-3.1	NW	1	1	28	+3	—	26	0	21	+2	—	—	2	583	473	2
	LIMASSOL	1013.0	+2.3	0.0	SE	1	0	27	0		30	0	18	+1	—	—	0	393	467	1
EGYPT and SUDAN	Qasr el Gebel قصر الجبل	1015.2	-0.7	+1.3	N	1	0	25.0	+0.2	+0.7	34	+1	18	0	61	-5	0	17	—	—
	Atbara عطبرة	1008.8	+0.9	0.0	E	2	1	33.0	+3.0	+0.7	42	+2	29	+4	50	+24	0	108	81	—
	Kassala كسلا	1007.8	-1.6	-2.9	W	1	0	30.0	+1.5	+1.0	36	-1	24	+1	55	+2	0	231	319	—
	Wad Medani ود مدني	1010.2	+1.4	+0.3	W	3	0	29.5	0.0	+1.8	39	+1	23	+1	58	-5	0	322	361	—
	El Fasher الفاشر	1008.4	+0.2	—	WNW	1	0	29.0	+3.0	+3.9	38	+2	23	+4	52	+2	0	294	316	—
	El Obeid الابيض	1010.4	+0.1	-1.0	WNW	2	0	28.0	+1.4	+1.0	36	0	20	-1	70	+9	0	300	336	—
	Malakal الملك	1011.9	+0.4	+0.3	—	0	3	27.8	+1.8	+2.0	32	-1	24	+2	80	+1	0	731	850	—
	Wau واو	1010.7	+0.3	-0.2	NW	2	0	26.6	+0.6	+1.8	33	0	22	+2	76	-6	8	951	1084	—
	Juba جوبا	1013.0	+0.2	—	NNW	1	1	26.4	+1.4	—	33	—	22	—	75	—	0	961	866	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 46

" " sunset 17 47

From Observations taken at 8h. to-day.

Saturday 26th September, 1931 ١٩٣١ السبت ٢٦ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.1	+0.3	+3.7	NW	5	2	21.6	−2.3	−2.6	29	—	20	—	79	+8	0	57	101	2
	MATRUH	1017.1	−0.9	+2.2	NE	3	4	25.0	−0.8	+0.9	28	+1	24	+5	68	−7	0	179	158	3
	ALEXANDRIA	1016.4	−1.5	+1.4	NNW	2	1	25.8	−1.3	+0.7	32	+2	23	+2	68	−1	0	96	191	1
	PORT SAID	1015.1	−2.0	+2.1	NW	2	0	27.9	−0.6	+1.9	32	+2	23	+1	64	−5	0	62	82	2
	GAZA	—	—	—	—	0	0	26.7	−0.9	+0.9	31	+2	20	+1	78	+9	0	251	376	
	HAIFA	1012.0	−1.5	+0.6	SSW	1	2	29.1	−1.7	+1.6	34	+4	25	+5	71	+5	0	665	648	2
LOWER EGYPT	TANTA	1015.8	−1.8		W	1	0	25.8	−0.8		35		21		76		0	35		
	CAIRO: EZBEKIYA	1015.0	−2.2	+1.1	NNE	2	0	24.8	−0.4	+2.6	34	+2	21	+2	80	+2	0	17	34	
	CAIRO: GIZA	1015.2	−2.2	+1.0	N	1	0	24.5	−1.1	—	34	+3	20	+3	84		0	21	31	
	CAIRO: HELWAN	1014.7	−2.4	+0.5	ENE	2	0	27.9	+1.6	+5.1	34	+3	23	+4	42	−25	0	19	35	
	SIWA	1017.4	−0.2	+3.1	N	5	0	25.4	−0.7	+2.8	41	+7	20	+3	66	+4	0	38	7	
RED SEA	SUEZ	1013.6	−1.6	+0.3	N	3	0	26.2	−0.7	+2.7	34	+1	24	+3	81	+4	0	28	26	2
	TOR	1011.0	−0.6	−0.2	NW	4	0	28.8	−1.0	+2.4	32	+1	25	+4	72	+1	0	11	14	4
	HURGHADA	1012.0	−1.1		NNW	5	0	29.4	−1.6		35		26		58		0	0		3
	QOSSEIR																			
UPPER EGYPT	GEBALI	1015.5	−2.4	+1.5	NW	3	0	26.5	−0.5	+2.4	35	+2	21	+3	59	−7	0	17		
	MINYA	[illegible]	—		NNE	2	0	25.5	−0.5	+2.2	34	+3	20	+1	69	−5				
	ASYUT	1013.9	−1.9	+0.8	W	2	0	26.2	−1.2	+2.8	36	+4	23	+3	66	+1	0	7		
	QENA	1012.0	−0.8		NE	1	0	28.5	0.0	+1.1	43	+6	24	+4	49	−5				
	ASWAN	1012.3	−1.1		NNE	1	0	31.0	−1.4		40		26		52		0	1		
	SHALLAL	1010.8	−1.2	−0.4	N	1	0	30.3	−1.1	+2.1	43	+4	27	+4	32	−6				
SUDAN	WADI HALFA	1009.5	−0.9	−2.1	NNE	1	0	29.0	−2.4	+2.5	42	+4	24	+3	33	−1				
	MEROWE	1007.2	−1.9	−2.6	NE	2	0	33.0	−1.0	+1.3	41	−1	21	−4	16	−12	0	36	34	
	ATBARA																			
	KHARTOUM	1009.0	−1.3	+0.1	SSW	2	1	31.5	−0.4	+2.1	42	+3	28	+3	50	+3	1	192	149	
	PORT SUDAN	1008.7	−1.6	−0.8	N	2	0	32.4	−1.9	−0.1	37	+1	27	0	58	+4	0	112	122	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1010.2	+0.4	−0.8	ESE	2	2	26.0	−0.5	+1.3	35	+1	22	+2	84	+7	0	838	756	
	EL FASHER																			
	EL OBEID																			
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 8.45

Height in metres	Kms. per hour	Direction
500	20	NNE
1000	25	NNE
1500	20	NW
2000	30	NW
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] لغاية ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	74	+7	23.5	+3.2
Ezbekiya	67	+2	22.9	+1.8
Giza	65	−2	23.1	—
Helwan	49	−5	21.3	+3.0

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
25.9	7646	6253
24.9	7734	6451

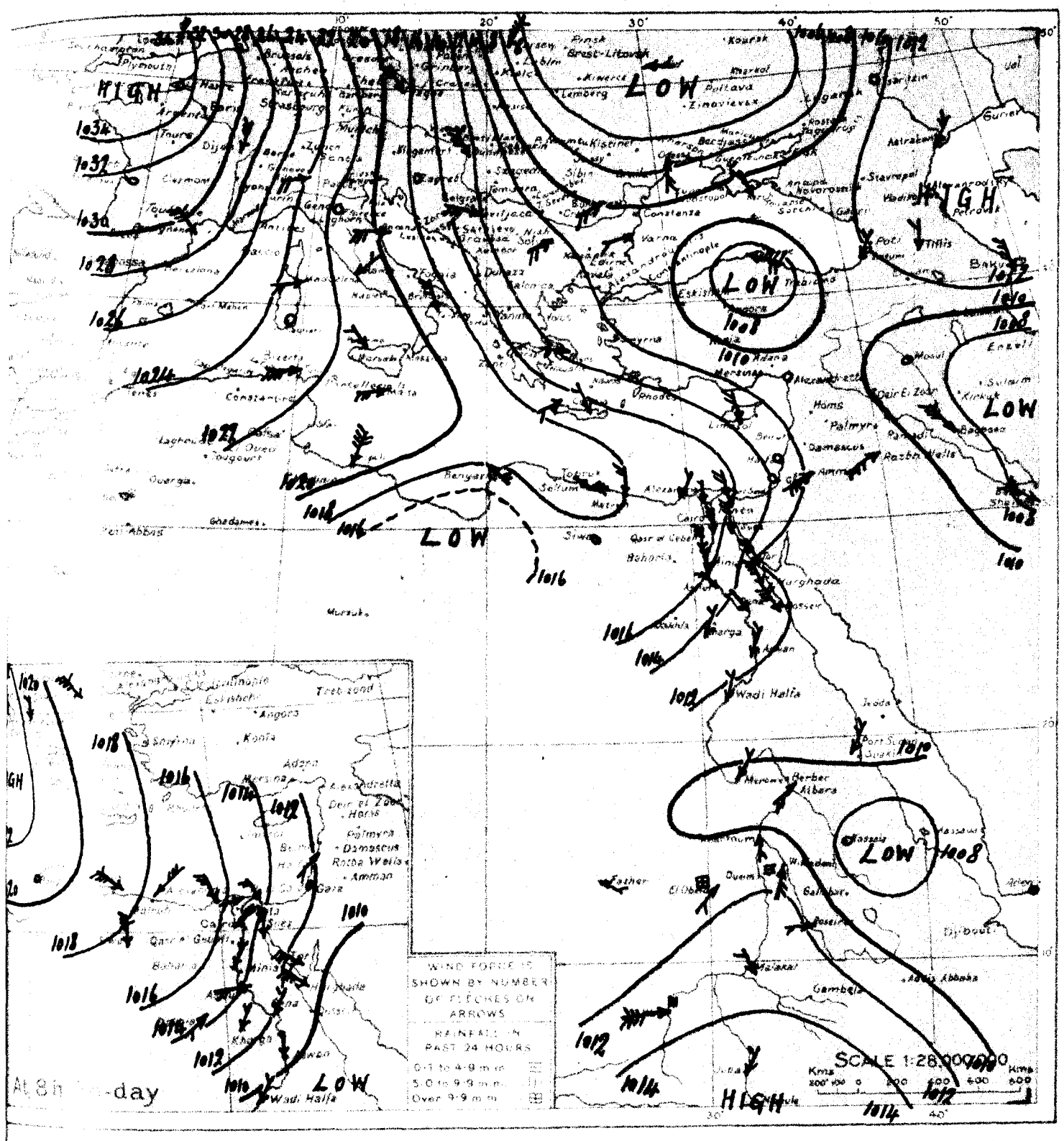
GAUGE	Date	Reading	Diff. from normal	Previous (24) Reading	Diff. from normal
	1931	m	m	m	m
Juba	25.9	13.70	−0.06	13.40	−0.37
Nasser	24.9	10.25	−0.11	10.24	−0.14
Malakal	25.9	12.04	−0.09	12.04	−0.08
Roseires	26.9	17.55	−0.27	17.75	−0.14
Sennar Res.	25.9	17.19	—	17.20	—
Makwar	25.9	10.34	−0.82	10.62	−0.59
Khartoum	26.9	15.34	+0.14	15.42	+0.19
Kh. el Girba	23.9	13.88	+0.98	12.76	−0.24
Atbara	25.9	14.80	+0.39	14.92	+0.47
Wadi Halfa	26.9	7.42	+0.22	7.42	+0.16
Aswan Res.	25.9	98.14	—	98.23	—
" D.S.	25.9	91.85	+0.26	91.90	+0.28
El Leithi	26.9	22.24	−0.28	22.25	−0.28
Roda (Cairo)	26.9	18.12	−0.43	18.14	−0.461

PRINTED AT THE PRESS OF EGYPT (226/30/689/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-9-co Barometer and Wind at 8 h. Yesterday 25.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-9-co From Observations taken at 8 h. yesterday. 25.9.31.

	STN	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C.	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.2	+7.3	+5.2	NE	1	0	11	0	—	19	—	7	—	60	—	—	—	806	—
	MALTA	1020.5	+5.6	+2.7	W	3	1	19	0	—	22	-5	18	-2	40	—	0	348	455	3
	ATHENS	1013.9	+3.3	-2.0	W	1	2	19	+4	—	—	—	—	—	60	—	—	—	391	—
	CANDIA	1017.5	+4.4	+1.2	NW	1	2	25	-3	—	29	+4	18	-1	—	—	0	583	473	1
	LIMASSOL	1013.3	+0.3	-0.3	NW	2	0	27	0		31	+1	19	+2	—	—	0	393	467	3
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 46 m

" " sunset 17 h 46 m

From Observations taken at 8 h. to-day.

Sunday 27th September 1931 ١٩٣١ الأحد ٢٧ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1017.6	-1.5	+2.1	WNW	3	0	19.8	-1.8	-4.3	27	—	14	—	76	+5	0	57	101	1
	MATRUH	1015.8	-1.3	+0.8	NNW	3	2	23.4	-1.6	-0.7	26	-1	23	+4	90	+15	0	179	158	4
	ALEXANDRIA	1014.7	-1.7	-0.4	SSW	2	1	25.2	-0.6	+0.2	30	+1	21	0	60	-9	0	96	191	1
	PORT SAID	1014.8	-0.3	+1.8	W	2	1	26.0	-1.9	+0.1	32	+2	22	0	55	-14	0	62	82	2
	GAZA																			
	HAIFA	1008.4	-3.6	-3.1	—	0	3	27.0	-2.1	-0.4	33	+3	24	+4	79	+13	0	665	648	2
LOWER EGYPT	TANTA	1015.4	-0.4	—	SSW	1	2	23.0	-2.8	—	33	—	18	—	70	—	0	35	—	—
	CAIRO EZBEKIYA	1015.0	0.0	+1.0	N	2	0	23.2	-1.6	+1.1	34	+2	21	+2	61	-17	0	17	34	—
	CAIRO GIZA	1015.2	0.0	+1.0	N	1	0	24.0	-0.5	—	33	+2	19	+2	60	—	0	21	31	—
	CAIRO HELWAN	1015.0	+0.3	+0.7	NNE	3	0	23.4	-4.5	+0.7	33	+2	21	+2	55	-12	0	19	36	—
	SIWA	1017.6	+0.2	+3.2	—	0	0	22.2	-3.2	-0.3	35	+1	18	+1	68	+6	0	38	7	—
RED SEA	SUEZ	1013.8	+0.2	+0.4	N	3	2	25.0	-1.2	+1.5	33	0	23	+2	67	-10	0	28	26	2
	TOR	1011.0	0.0	-0.3	NW	5	0	28.0	-0.8	+1.7	35	+4	26	+5	77	+6	0	11	14	5
	HURGHADA			—						—		—								
	QOSSEIR	1010.7	—	—	NNW	6	0	30.0	—	—	34	—	27	—	57	—	0	15	—	6
UPPER EGYPT	GEBALI	1015.6	+0.1	+1.5	N	3	0	24.0	-2.5	0.0	34	+1	20	+2	60	-6	0	17	—	—
	MINYA	1014.4	—	—	NNE	4	0	23.5	-2.0	+0.3	34	+3	20	+1	71	-3	—	—	—	—
	ASYUT	1014.3	+0.4	+1.1	WNW	3	0	24.9	-1.3	+1.6	37	+5	24	+4	68	+3	0	7	—	—
	QENA	1011.6	-0.4	—	WNW	2	0	28.8	+0.3	+1.6	42	+5	25	+5	65	+11	—	—	—	—
	KHARGA	1012.3	0.0	—	N	1	0	28.1	-2.9	—	41	—	26	—	68	—	0	1	—	—
	ASWAN	1010.6	-0.2	-0.7	—	0	0	32.0	+1.7	+3.9	43	+4	26	+4	38	0	—	—	—	—
NORTH SUDAN	WADI HALFA	1008.8	-0.7	-2.9	NE	2	0	30.2	+1.2	+3.8	42	+4	25	+4	35	+1	—	—	—	—
	MEROWE	1008.7	+1.5	-1.1	NE	1	0	—	—	—	46	+4	29	+4	—	—	0	36	34	—
	ATBARA																			
	KHARTOUM	1009.1	+0.1	+0.2	S	2	0	30.7	-0.8	+1.3	40	+1	26	+1	52	+6	0	192	150	—
SUDAN	PORT SUDAN	1009.0	+0.3	-0.7	N	2	0	33.4	+1.0	+1.0	39	+3	26	-1	52	-3	0	112	122	2
	KASSALA																			
	WAD MEDANI	1009.4	-1.6	-0.4	W	2	0	27.5	0.0	-0.5	37	-1	22	0	70	+8	0	392	388	—
	ROSEIRES	1007.8	-2.4	-3.2	SSW	1	2	26.5	+0.5	+1.8	31	-3	22	+2	96	+20	0	838	761	—
SOUTH SUDAN	EL FASHER	1004.8	-1.6	—	WNW	1	0	28.0	-1.0	+2.9	40	+4	20	+1	36	-11	0	294	319	—
	EL OBEID	1009.8	-1.6	-2.7	SSW	2	2	28.6	+3.6	+1.4	34	-2	21	0	73	+14	0	327	345	—
	MALAKAL	1010.4	-1.6	-1.1	—	0	2	25.2	-2.3	-0.7	34	+1	22	0	88	+9	0	734	865	—
	WAU	1010.2	+0.2	-0.6	SSW	4	2	26.2	-1.8	+1.3	34	0	22	+2	79	-3	0	960	1100	—
	JUBA	1011.5	-1.6	—	SW	4	1	26.5	+0.5	—	34	—	21	—	71	—	0	981	878	—

Upper Wind Observations at Helwan at 8.30 h. m.

Height (metres)	Km. an hour	Direction
500	15	NNE
1000	15	N
1500	40	WNW
2000	40	WNW
3000	50	W

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

التنبؤ لحصولها في الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	66	-2	21.1	+0.9
Ezbekiya	69	+4	22.4	+1.4
Giza	72	+4	22.5	—
Helwan	50	-4	20.9	+2.6

NOTE A dash means that figures are not available

Terms of Subscription, By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
26.9	7393	6098
25.9	7646	6253

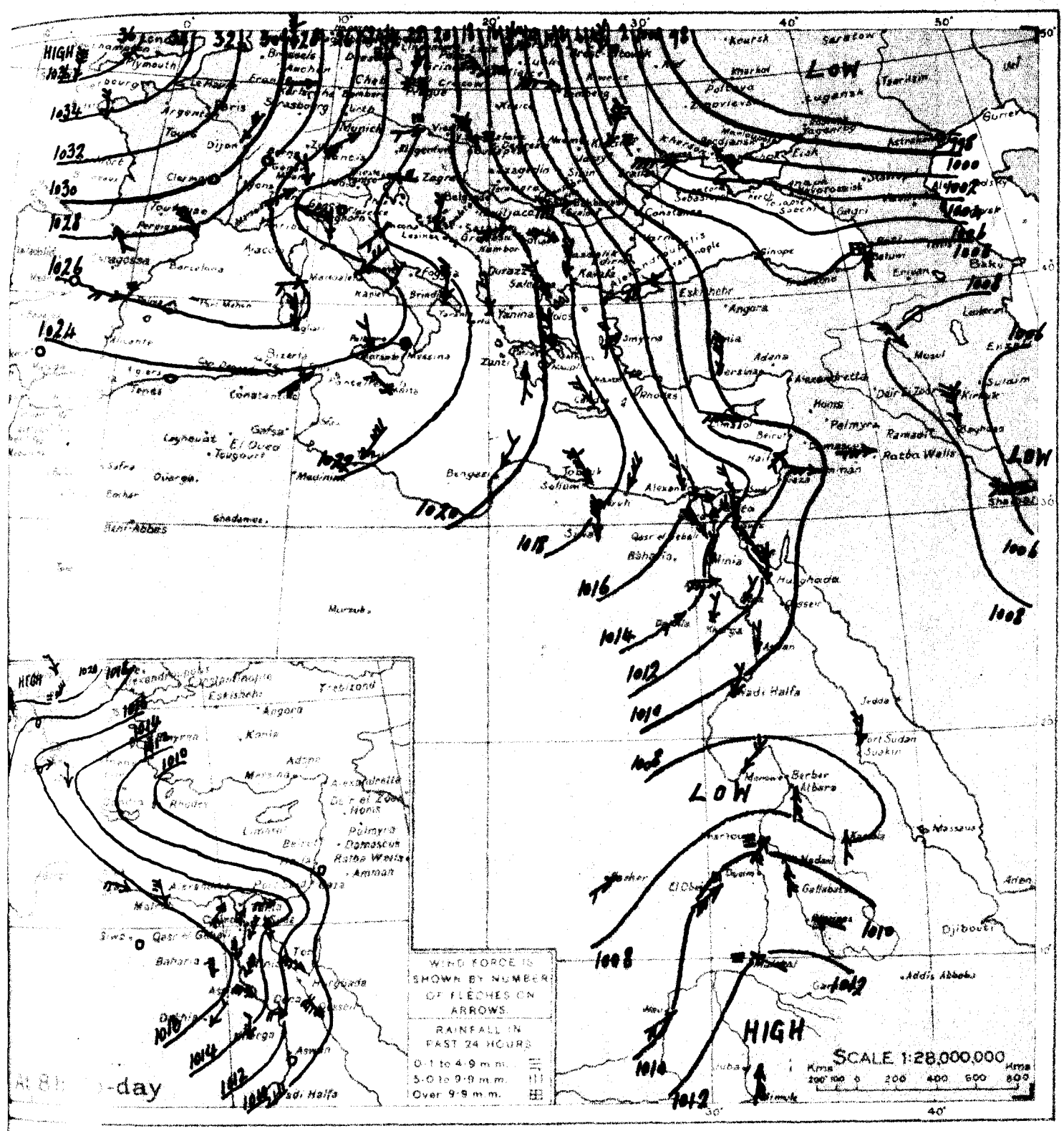
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	26.9	14.22	+0.47	13.70	-0.06
Nasser	24.9	10.25	-0.11	10.24	-0.11
Malakal	26.9	12.04	-0.10	12.04	-0.09
Roseires	27.9	17.44	-0.31	17.55	-0.27
Sennar Res.	26.9	17.19	—	17.19	—
Makwar	26.9	10.46	-0.65	10.34	-0.82
Khartoum	27.9	15.26	+0.09	15.34	+0.14
Kh. el Girba	25.9	12.58	-0.18	12.74	-0.11
Atbara	27.9	14.61	+0.29	14.70	+0.35
Wadi Halfa	27.9	7.48	+0.33	7.42	+0.22
Aswan Res.	26.9	98.21	—	98.14	—
" D.S.	26.9	91.73	+0.17	91.85	+0.26
El Leithi	26.9	22.24	-0.28	22.25	-0.28
Roda (Cairo)	27.9	18.14	-0.44	18.16	-0.43

PRINTED AT THE SURVEY OF EGYPT (1930/29/556/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٦-٩-٣١ Barometer and Wind at 8 h. Yesterday 26.9.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٦-٩-٣١ From Observations taken at 8 h. yesterday 26.9.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	PORT SAID	1024.3	+3.1	+8.3	NE	2	0	13	+2	—	19	—	8	—	60	—	—	—	808	—
	MALTA	1023.0	+2.5	+5.2	NW	2	0	19	0	—	22	−5	17	−3	50	—	0	348	456	2
	ATHENS	1018.6	+4.7	+2.6	NNW	2	0	16	−3	—	—	—	—	—	50	—	—	—	392	—
	CANDIA	1018.2	+0.7	+1.8	NW	2	1	22	−3	—	28	+3	19	0	—	—	0	583	474	3
	LIMASSOL	1010.0	−3.3	−3.1	WNW	4	1	26	−1		31	+1	22	+5	—	—	0	393	468	4
EGYPT and SUDAN	Atbara	1007.5	−0.8	−1.3	S	2	0	33.0	−1.0	+0.7	43	+3	29	+4	50	+25	0	108	82	—
	Kassala	1007.8	0.0	−2.8	S	1	0	30.0	+2.0	+1.6	35	−3	25	+2	55	+5	0	231	323	—
	Wad Medani	1011.0	−1.0	+1.2	S	2	0	27.5	0.0	−0.4	34	−4	22	+1	63	+1	0	392	385	—
	El Fasher	1006.4	−4.3	—	SW	1	0	29.0	+1.5	+3.9	40	+4	20	−1	37	−11	0	254	318	—
	El Obeid	1010.2	−1.0	−1.2	SW	3	4	25.0	−1.6	−2.1	34	−2	20	0	84	+24	7	327	342	—
	Malakal	1012.0	−0.3	+0.5	ESE	1	0	27.5	+0.3	+1.7	34	+1	22	+3	77	−2	3	734	860	—
	Wau	1010.0	−2.7	−0.8	SW	2	0	29.0	+4.8	+3.1	33	−1	23	—	73	−9	0	960	1094	—
	Juba	1013.1	−1.5	—	S	3	2	26.0	+1.0	—	33	—	19	—	68	—	0	981	875	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 46

" " sunset 17 44

From Observations taken at 8 h. to-day.

Monday 28th September, 1931 ١٩٣١ الاثنين ٢٨ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1020.3	+2.7	+4.7	NW	3	0	21.0	+1.2	-3.1	27		16		80	+9	0	57	101	1
	MATRUH	1019.1	+3.3	+4.0	NW	2	1	23.0	-0.4	-1.0	26	-1	20	+1	70	-5	0	179	158	4
	ALEXANDRIA	1017.8	+3.1	+2.6	NW	2	2	25.0	-0.2	+0.1	30	+1	22	+1	53	-16	0	96	191	2
	PORT SAID	1017.0	+2.2	+3.9	WNW	2	1	26.1	+0.1	+0.3	30	0	22	0	56	-13	0	62	82	3
	GAZA	—	—	—	—	0	4	23.8	-3.4	-1.9	30	+1	19	0	70	+1	0	251	376	
	HAIFA	1014.2	+5.8	+2.5	SSW	1	3	27.7	+0.7	+0.4	30	0	22	+2	62	-4	0	665	648	3
LOWER EGYPT	TANTA	1017.6	+2.2		WSW	1	0	22.9	-0.1		31		17		67		0	35		
	EZBEKIYA	1018.0	+3.0	+3.8	NNW	2	0	22.5	-0.7	+0.5	30	-2	19	0	65	-12	0	17	34	
	GIZA	1017.9	+2.7	+3.6	NNW	2	0	22.3	-1.7	—	29	-2	16	-1	69	—	0	21	31	
	HELWAN	1018.0	+3.0	+3.6	—	0	0	21.9	-1.5	-0.8	29	-2	20	+1	64	-3	0	19	35	
	SIWA	1020.4	+2.8	+5.9	—	0	0	21.9	-0.3	-0.5	35	+1	17	0	69	+7	0	38	7	
RED SEA	SUEZ	1016.8	+3.0	+3.3	N	4	0	24.0	-1.0	+0.6	30	-3	21	0	67	-10	0	28	26	0
	TOR	1012.8	+1.8	+1.4	NW	5	0	27.2	-0.8	+1.0	32	+2	24	+3	68	-3	0	11	14	6
	HURGHADA	1012.8	+1.7	—	NW	7	0	27.0	-2.6		33		23		77		0	0		5
	QOSSEIR	1011.6	+0.9		NNW	7	0	28.0	-2.0		33		26		55		0	15		7
UPPER EGYPT	GEBEL	1018.6	+3.0	+4.4	NW	2	0	24.0	0.0	+0.1	31	-1	18	0	60	-6	0	17		
	MINYA	1017.6	+3.2		NNE	3	0	22.5	-1.0	-0.6	31	0	18	-1	66	-8				
	ASYUT	1017.1	+2.8	+3.8	NNW	3	0	22.9	-2.0	-0.3	33	+1	21	+1	60	-5	0	7		
	DEIR	1013.5	+1.9		WNW	2	0	26.2	-2.6	-0.9	39	+2	23	+3	54	0				
	KORDOFAN	1013.8	+1.5		NE	2	0	25.0	-3.1		36		22		62		0	1		
	ASWAN	1012.6	+2.0	+1.2	NNE	2	0	28.0	-4.0	0.0	41	+2	25	+3	33	-5				
SOUDAN	WADI HALFA	1011.6	+2.8	-0.2	N	4	0	28.0	-2.2	+1.7	42	+4	25	+4	37	+3				
	MEROWE																			
	ATBARA	1007.5	-0.8	-1.4	E	2	0	34.0	+2.0	+1.8	41	+1	26	+1	22	-3	0	108	82	
	KHARTOUM	1008.8	-0.3	-0.1	WSW	2	0	30.4	-0.3	+0.9	39	0	25	0	48	+2	0	192	150	
	PORT SUDAN	1009.5	+0.5	-0.3	N	4	1	33.4	0.0	+1.1	39	+3	27	0	44	-11	0	112	122	4
EQUATORIAL SUDAN	KASSALA																			
	WAD MEDANI	1008.6	-0.8	-1.1	S	2	0	29.5	+2.0	+1.4	38	0	22	0	55	-6	0	392	390	
	ROSEIRES	1008.7	+0.9	-2.3	SW	1	2	26.5	0.0	+1.7	35	+1	22	+2	80	+4	0	838	766	
	EL FASHER	1008.6	+3.8		SSW	1	2	25.0	-3.0	-0.1	40	+4	22	+3	68	+21	1	295	319	
	EL OBEID																			
	KADUGLI	1012.0	+1.6	+0.6	—	0	3	24.8	-0.4	-1.1	34	+1	23	+1	85	+6	18	752	870	
	WAU																			
	JUBA																			

Upper Wind Observations at 9 00

Height in Metres	Wind Speed per hour	Direction
500	35	N
1000	15	N
1500	20	N
2000	25	N
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

التوقع لغاية ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	57	-11	19.6	-0.6
Ezbekiya	57	-8	19.5	-1.4
Giza	57	-11	19.3	—
Helwan	46	-8	18.1	-0.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT. 100 annually

" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
28.9	7367	5711
27.9	7420	5868

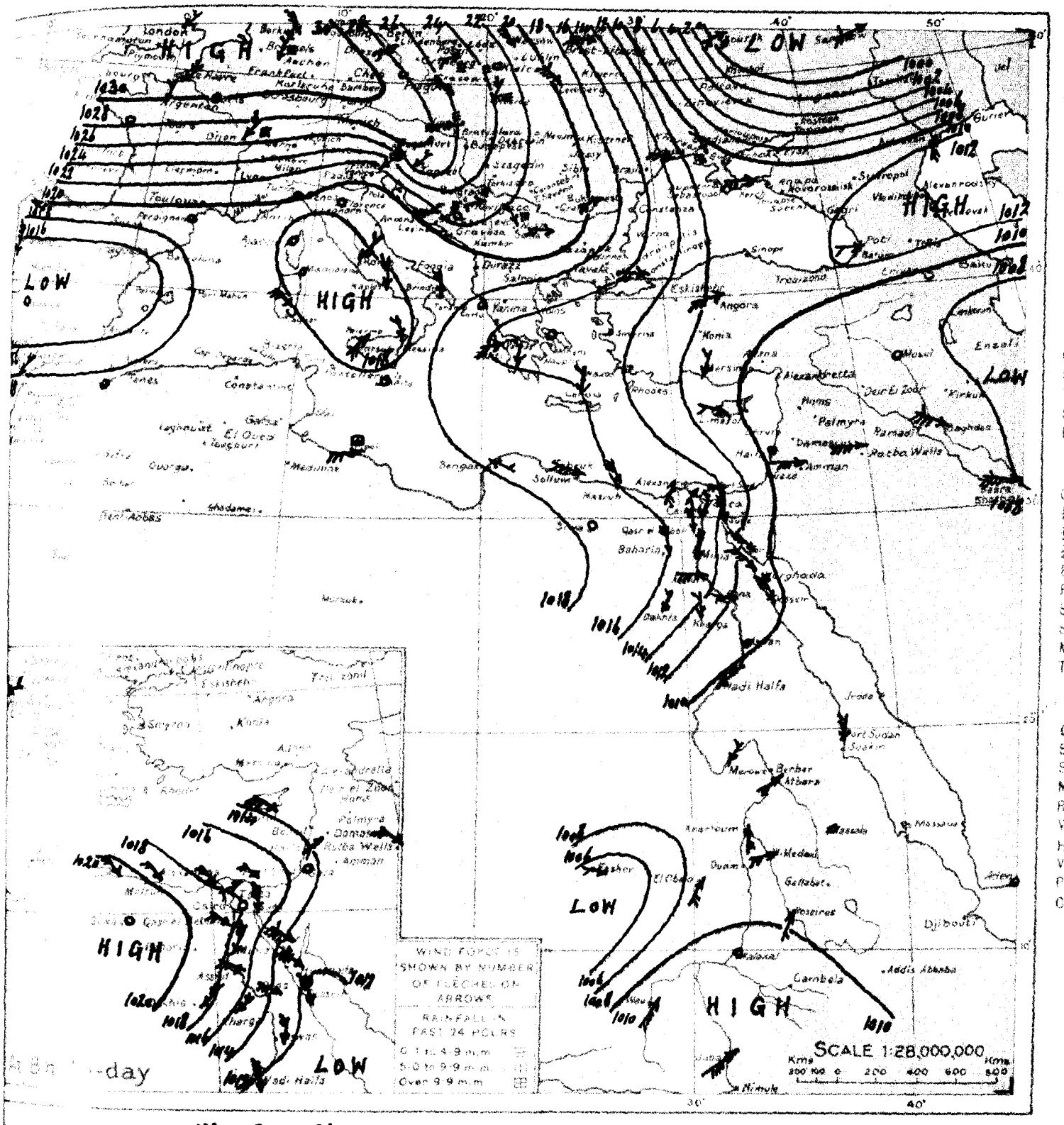
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	27.9	14.18	+0.44	14.22	+0.47
Nasser	26.9	10.30	-0.08	10.26	-0.11
Malakal	27.9	12.05	-0.10	12.04	-0.10
Roseires	28.9	17.23	-0.42	17.44	-0.31
Sennar Res.	27.9	17.20	—	17.19	—
Makwar	27.9	10.06	-0.98	10.46	-0.65
Khartoum	28.9	15.16	+0.04	15.26	+0.09
Kh. el Girba	27.9	12.58	-0.04	12.50	-0.20
Atbara	28.9	14.48	+0.23	14.61	+0.29
Wadi Halfa	28.9	7.55	+0.43	7.48	+0.33
Aswan Res.	28.9	98.28	—	98.22	—
" D.S.	28.9	91.74	+0.26	91.73	+0.21
El Leithi	28.9	22.77	-0.28	22.73	-0.28
Roda (Cairo)	28.9	18.16	-0.41	18.14	-0.44

PRINTED AT THE SURVEY OF EGYPT 1929(29/599/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-9-cv Barometer and Wind at 8 h. Yesterday 27.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-9-cv From Observations taken at 8 h yesterday. 27.9.31.

		BAROMETER			WIND		SKY	TEMPERATURE								HUMIDITY		RAINFALL			SEA
		Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff. from normal	Maximum yesterday	Diff. from normal	Minimum	Diff. from normal		At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C.		%		m.m.	m.m.	m.m.	
MEDITERRANEAN	RAFE	1019.9	-4.4	+4.0	NE	1	0	13	0	—	21	—	9	—		60	—	—	—	811	—
	MALTA	1018.2	-4.8	+0.4	—	0	3	18	-1	—	21	-6	17	-3		60	—	0	348	457	1
	ATHENS	1016.0	-2.6	0.0	—	0	2	17	+1	—	—	—	—	—		60	—	—	—	392	—
	CANDIA	1016.0	-2.2	-0.4	NW	1	1	22	0	—	25	0	15	-4		—	—	0	583	474	2
	LIMASSOL	1010.2	+0.2	-3.0	WNW	1	1	24	-2		28	-2	17	0		—	—	0	393	468	3
EGYPT and SUDAN	Hurghada	1011.1	-0.9	—	NW	5	0	29.6	+0.2	—	33	—	26	—		78	—	0	0	—	3
	Atbara	1008.3	+0.4	-0.5	SW	2	0	37.0	-1.0	-0.2	43	+3	27	+2		38	+13	0	108	82	—
	Kassala	1002.6	+0.0	-2.0	—	0	0	29.5	-0.5	0.0	36	-2	24	+1		55	+6	0	231	325	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 47

" " sunset 17 43

From Observations taken at 8 h. to-day.

Tuesday 29th September 1931 — ١٩٣١ الثلاثاء ٢٩ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1019.8	−0.5	+4.1	S	3	4	20.8	−0.2	−3.2	25	—	19	—	84	+13	drops	57	101	1
	MATRUH	1019.2	+0.1	+4.0	WSW	2	0	22.2	−0.8	−1.7	26	−1	17	−2	67	−8	0	179	158	2
	ALEXANDRIA	1019.8	+2.0	+4.5	NNE	1	1	25.6	+0.6	+0.8	29	0	20	−1	57	−12	0	96	191	1
	PORT SAID	1019.4	+2.4	+6.2	N	3	0	25.9	−0.2	+0.1	30	+1	22	0	52	−17	0	62	82	3
	GAZA	—	—	—	—	0	0	24.3	+0.5	−1.3	28	−1	18	0	63	−6	0	251	376	—
	HAIFA	1016.0	+1.8	+4.2	—	0	1	27.9	+0.2	+0.7	31	+1	22	+3	62	−4	0	665	648	2
LOWER EGYPT	TANTA	1019.8	+2.2	—	N	1	0	23.5	+0.6	—	34	—	16	—	62	—	0	35	—	—
	CAIRO: EZBEKIYA	1018.8	+0.8	+4.5	NNE	2	0	20.0	−2.5	−1.9	30	−2	18	−1	70	−8	0	17	34	—
	CAIRO: GIZA	1019.1	+1.2	+4.7	N	2	0	21.0	−1.3	—	30	−1	14	−3	67	—	0	21	31	—
	CAIRO: HELWAN	1019.1	+1.1	+4.6	N	2	0	22.4	+0.5	−0.2	28	−3	20	+1	50	−17	0	74	35	—
	SIWA	1019.9	−0.5	+5.3	—	0	0	23.2	+1.3	+0.9	32	−2	18	+1	61	−1	0	38	7	—
RED SEA	SUEZ	1018.4	+1.6	+4.8	N	3	0	22.5	−1.5	−0.8	31	−2	18	−3	72	−5	0	28	26	3
	TOR	1013.1	+0.3	+1.5	NW	2	0	27.2	0.0	+1.0	29	−1	22	+1	58	−13	0	11	14	2
	HURGHADA	1013.9	+1.1	—	NW	7	0	25.7	−1.3	—	32	—	21	—	79	—	0	0	—	5
	QOSSEIR	1013.0	+1.4	—	NW	7	0	27.2	−0.8	—	32	—	26?	—	57	—	0	15	—	7
UPPER EGYPT	QENA	1019.4	+0.8	+5.2	NW	3	0	26.5	+2.5	+2.7	31	−1	17	−1	57	−29	0	17	—	—
	MINIA	1017.9	+0.3	—	NNE	3	0	21.5	−1.0	−1.5	29	−2	17	−2	66	−8	—	—	—	—
	ASSIUT	1017.5	+0.4	+4.1	NW	3	0	21.8	−1.1	−1.3	30	−2	20	0	61	−4	0	7	—	—
	SOHAG	—	—	—	WSW	3	0	24.2	−2.0	−2.8	39	+2	20	0	60	+6	—	—	—	—
	KHARGA	1016.2	—	—	N	2	0	25.2	+0.2	—	33	—	21	—	66	—	0	1	—	—
	ASWAN	1014.2	+1.6	+2.7	N	1	0	25.8	−2.2	−2.0	37	−2	23	+1	40	+2	—	—	—	—
NORTH SUDAN	WADI HALFA	1013.1	−1.5	+1.3	N	4	0	24.8	−3.2	−1.4	38	0	21	0	46	+12	—	—	—	—
	MEROWE																			
CENTRAL SUDAN	ATBARA	1008.6	+1.1	−0.3	ENE	3	0	33.0	−1.0	+0.9	41	+1	27	+2	25	0	0	108	83	—
	KHARTOUM	1009.8	+1.0	+0.9	SSW	3	1	30.2	−0.2	+0.7	40	+1	25	0	45	0	0	192	151	—
EAST SUDAN	KASSALA	1010.4	+0.9	+0.5	N	3	0	32.9	−0.5	+0.7	40	+4	28	+1	47	−9	0	112	122	3
	WAD MEDANI																			
	ROSEIRES	1009.3	+0.6	−1.6	WSW	1	0	25.5	−1.0	+0.7	36	+2	21	+1	72	−4	0	838	771	—
WEST SUDAN	EL FASHER	1009.4	+0.8	—	SW	1	1	24.0	−1.0	−1.1	32	−4	21	+2	67	+21	4	299	320	—
	EL OBEID																			
	MALAKAL	1012.7	+0.7	+1.3	—	0	1	25.2	+0.4	−0.7	29	−4	21	−1	80	+1	1	753	875	—
EQUATORIAL PROVINCE	WAU																			
	JUBA																			

Upper Air Observations at Helwan at 8.45 p.m.

Height (metres)	Kms per hour	Direction
500	20	NE
1000	35	ENE
1500	25	NNE
2000	40	N
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] للفرخصوفا في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	54	−14	19.2	−1.0
Ezbekiya	57	−8	18.7	−2.1
Giza	59	−9	18.9	—
Helwan	52	−2	17.7	−0.4

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
29.9	7478	5638
28.9	7367	5711

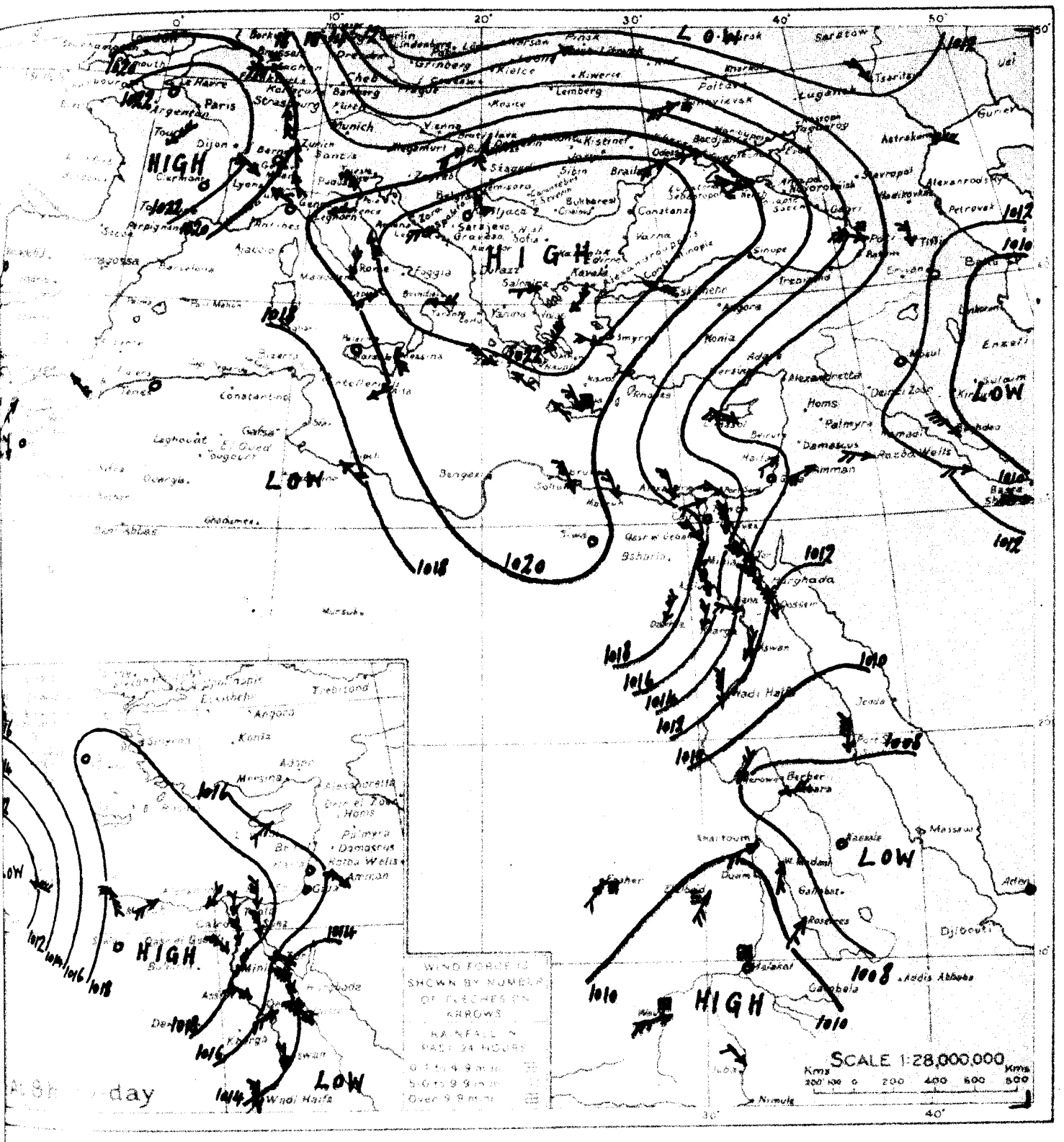
GAUGE	Date 1931	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Juba	28.9	14.20	+0.46	14.18	+0.44
Nasser	28.9	10.32	−0.07	10.31	−0.07
Malakal	28.9	12.06	−0.09	12.05	−0.10
Roseires	28.9	17.23	−0.42	17.44	−0.31
Sennar Res.	28.9	17.20	—	17.20	—
Makwar	28.9	9.92	−1.06	10.06	−0.98
Khartoum	29.9	15.04	−0.01	15.16	+0.04
Kh. el Girbá	29.9	12.52	−0.02	12.58	−0.04
Atbara	28.9	14.48	+0.23	14.61	+0.29
Wadi Halfa	29.9	7.56	+0.48	7.55	+0.43
Aswan Res.	29.9	98.31	—	98.28	—
" D.S.	29.9	91.81	+0.38	91.74	+0.26
El Leithi	29.9	22.19	−0.29	22.22	−0.26
Roda (Cairo)	29.9	18.16	−0.40	18.16	−0.41

PRINTED AT THE SURVEY OF EGYPT (829(29/5/31)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

21-9-CA Barometer and Wind at 8 h. Yesterday 28.9.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

21-9-CA From Observations taken at 8 h. yesterday 28.9.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN																			
LYNE	1020.8	+0.9	+4.9	NE	2	1	13	0	—	22	—	10	—	70	—	—	—	813	—
MALTA	1019.0	+0.8	+1.2	ENE	2	4	22	+4	—	22	-4	19	-1	70	—	0	348	458	2
ATHENS	1022.4	+6.4	+6.2	NNE	4	4	16	-1	—	—	—	—	—	50	—	—	—	392	—
CANDIA	1021.5	+5.5	+4.9	NW	2	4	18	-4	—	25	0	15	-4	—	—	15	598	475	4
LIMASSOL	1012.6	+2.4	-0.8	WNW	3	1	24	0		27	-3	15	-2	—	—	0	393	468	3
EGYPT and SUDAN																			
Merowe	1008.0	-0.7	-1.9	NE	2	0	34.0	—	+2.4	46	+4	27	+2	29	+1	0	36	34	—
Kassala	1007.8	-0.8	-2.7	—	0	0	30.0	+0.5	+0.4	37	-1	25	+2	59	+10	0	231	327	—
El Obeid	1011.1	+1.3	-0.9	SSW	2	2	24.5	-2.1	-0.8	35	-1	20	-1	73	+14	4	331	348	—
Wau	1011.0	+0.2	+0.2	W	3	4	22.0	-4.2	-2.9	34	0	21	+1	91	+9	46	1006	1105	—
Juba	1011.9	+0.4	—	NW	1	3	24.5	-2.0	—	35	—	20	—	85	—	0	981	882	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 47

" " sunset 17 42

From Observations taken at 8h. to-day.

Wednesday 30th September, 1931 — ١٩٣١ — الاربعاء ٣٠ سبتمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1016.0	-3.8	+0.3	SW	4	0	22.4	+1.6	-1.5	30	—	19	—	48	-23	dr.	57	101	3
	MATRUH	1014.6	-4.6	-0.7	S	4	2	23.0	+0.8	-0.9	28	+1	19	0	64	-11	0	179	158	2
	ALEXANDRIA	1016.3	-3.5	+1.0	ESE	1	1	23.3	-2.3	-1.5	30	+1	20	-1	65	-4	0	96	191	1
	PORT SAID	1016.0	-3.4	+2.7	ENE	2	0	25.4	-0.5	-0.3	30	+1	22	0	61	-8	0	62	82	2
	GAZA	—	—	—	—	0	0	23.6	-0.7	-1.9	28	-1	17	-1	62	-6	0	251	376	0
	HAIFA	1014.2	-1.8	+2.3	SW	2	0	24.1	-3.8	-3.1	31	+1	20	+1	71	+5	20	685	648	1
LOWER EGYPT	TANTA	1016.3	-3.5		NNE	1	0	23.0	-0.5		30		18		66		0	35		
	EZBEKIYA	1015.5	-3.3	+1.2	NNE	3	0	22.3	+2.3	+0.5	30	-1	18	-1	67	-11	0	17	34	
	GIZA	1015.5	-3.6	+1.0	—	0	0	22.9	+1.9	—	29	-1	15	-2	67	—	0	21	31	
	HELWAN	1015.5	-3.6	+0.9	ENE	3	0	23.1	+0.7	+0.5	30	-1	19	0	60	-7	0	19	35	
	SIWA	1015.5	-4.4	+0.8	E	2	0	23.5	+0.3	+1.3	33	-1	17	0	52	-10	0	38	7	
RED SEA	SUEZ	1014.8	-3.6	+1.1	N	3	0	22.4	-0.1	-0.8	30	-3	20	-1	74	-3	0	28	26	2
	TOR	1011.9	-1.2	+0.2	N	1	0	26.3	-0.9	+0.2	29	-1	20	0	54	-16	0	11	14	0
	HURGHADA	1012.2	-1.7		NW	6	0	25.4	-0.3		31		21		83		0	0		4
	QOSSEIR	1013.1	+0.1		NNW	7	0	27.5	+0.3		31		25		53		0	15		7
UPPER EGYPT	DERR	1016.0	-3.4	+1.7	NW	3	0	23.0	-3.5	-0.7	31	-1	19	+1	63	-2	0	17		
	MINIA	1014.6	-3.3		NNW	2	0	21.5	0.0	-1.5	30	-1	17	-2	74	0				
	ASSIUT	1014.8	-2.7	+1.3	WNW	3	0	22.7	+0.9	-0.4	31	-1	20	0	61	-4	0	7		
	QENA	1012.8	—		WNW	2	0	24.4	+0.2	-2.6	37	0	20	0	65	+10				
	LUXOR	1012.3	-3.9		—	0	0	25.6	+0.4		33		19		64		0	1		
	ASWAN	1011.9	-2.3	+0.3	N	1	0	25.0	-0.8	-2.7	36	-3	21	-1	34	-4				
SUDAN	WADI HALFA	1011.2	-1.9	-0.7	NNE	1	0	24.2	-0.6	-2.0	36	-2	20	-1	35	+1				
	MEROWE																			
	ATBARA	1008.2	-0.4	-0.8	N	2	0	32.0	-1.0	-0.1	42	+2	27	+2	19	-6	0	108	83	
	KHARTOUM	1008.4	-1.4	-0.5	E	1	1	30.5	+0.3	+1.0	40	+1	25	0	52	+7	0	192	151	
	KORDOFAN	1010.6	+0.2	+0.6	NW	1	0	32.2	-0.7	+0.1	38	+3	28	+1	60	+3	0	112	122	1
	KASSALA																			
	WAD MEDANI	1007.6	-1.1	-2.1	S	3	0	28.8	+0.4	+0.6	39	+1	22	0	57	-3	0	395	394	
	ROSEIRES	1007.9	-1.4	-3.0	SW	1	2	26.0	+0.5	+1.1	36	+2	22	+2	84	+9	0	838	776	
EQUATORIAL PROVINCE	EL FASHER																			
	EL OBEID																			
	MELAKAL																			
	WAU	1011.6	0.0	+0.8	SW	6	1	26.6	+1.6	+1.6	33	-1	22	+2	72	-9	0	1006	1116	
	QUBA																			

Upper Wind Observations at Helwan at h. m. 09 00

Height in Metres	Speed in Knots	Direction
500	10	E
1000	40	NNE
1500	20	NNE
2000	35	N
3000	25	N

General Situation — حالة الجو

Forecast for 24 hours from noon to-day. — التوقعات لخمس وعشرين ساعة من نصف النهار

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	56	-12	19.6	-0.5
Ezbekiya	60	-5	18.5	-2.3
Giza	59	-9	18.5	—
Helwan	48	-6	17.3	-0.8

NOTE. A dash means that figures are not available.

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Remarks

X. Nasser River Gauge reading for 10.9.31 is 10.04 m.

ملحوظة: قراءة المقياس بمقياس الناصر يوم ١٠-٩-٣١ هي ١٠,٠٤ متر.

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
30.9	7550	5563
29.9	7478	5638

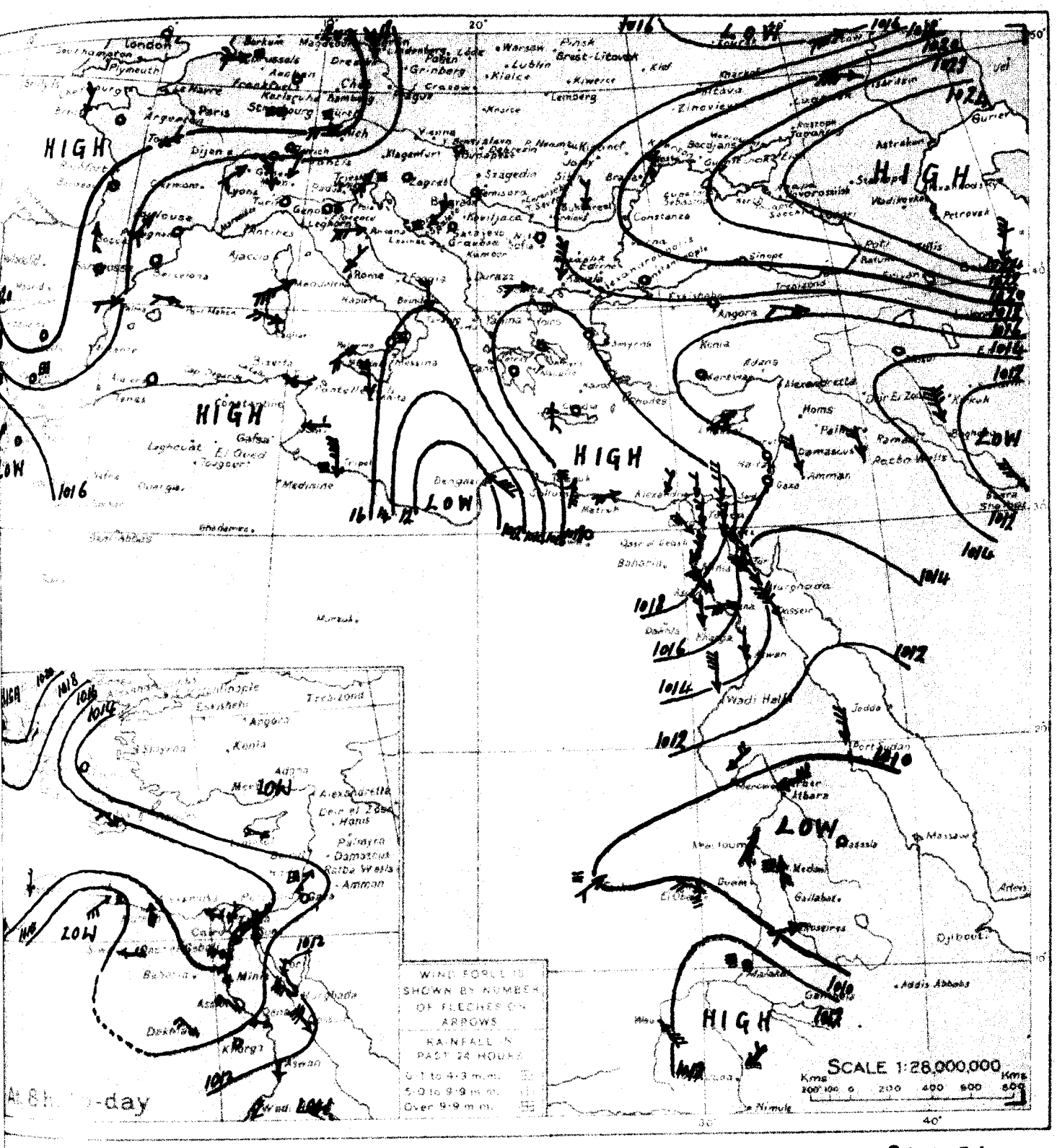
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m	m	m	m
Juba	29.9	14.13	+0.39	14.20	+0.46
Nasser X.	29.9	10.34	-0.06	10.32	-0.07
Malakal	29.9	12.08	-0.07	12.08	-0.09
Roseires	30.9	17.18	-0.32	17.21	-0.36
Sennar Res.	29.9	17.20	—	17.20	—
Makwar	29.9	9.74	-1.16	9.92	-1.06
Khartoum	29.9	15.08	-0.01	15.16	+0.04
Kh. el Girba	28.9	12.52	-0.02	12.58	-0.04
Atbara	30.9	14.25	+0.10	14.34	+0.14
Wadi Halfa	30.9	7.45	+0.41	7.56	+0.48
Aswan Res.	30.9	98.71	—	98.51	—
" D.S.	30.9	91.86	+0.47	91.81	+0.38
El Leithi	30.9	22.17	-0.28	22.19	-0.29
Roda (Cairo)	30.9	18.14	-0.39	18.16	-0.40

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

21-9-29 Barometer and Wind at 8 h. Yesterday 29.9.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

21-9-29 From Observations taken at 8 h. yesterday. 29.9.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.2	-4.6	+0.3	NE	1	4	17	+4	—	22	—	13	—	70	—	—	—	815	—
	MALTA	1017.4	-1.6	-0.4	NNW	3	0	21	-1	—	24	-2	18	-2	70	—	0	348	459	2
	ATHENS	1019.1	-3.3	+2.9	—	0	1	19	+3	—	—	—	—	—	60	—	—	—	393	—
	CANDIA	1019.9	-1.6	+3.2	—	0	4	21	+3	—	22	-3	15	-3	—	—	0	598	475	2
	LIMASSOL	1015.2	+2.6	+1.7	SW	1	0	24	0		29	-1	15	-2	—	—	0	393	468	2
EGYPT and SUDAN	Merowe	1010.2	+2.2	+0.3	NE	2	0	31.0	-3.0	-0.5	45	+3	26	+1	27	-1	0	36	34	—
	Kassala	1009.0	+1.2	-1.5	—	0	0	30.0	0.0	+0.3	37	-1	24	+1	55	+7	0	231	329	—
	Wad Medani	1008.7	+0.1	-1.0	S	2	1	28.4	-1.1	+0.3	38	0	22	0	63	+3	3	395	392	—
	El Obeid	1010.3	-0.8	-1.0	WNW	2	2	28.5	+2.0	+1.1	34	-3	20	-1	58	-1	1	350	350	—
	Wau	1011.6	+0.6	+0.8	SSE	3	3	25.0	+3.0	0.0	32	-2	21	+1	87	+6	0	1006	1110	—
	Juba	1013.0	+1.1	—	NE	1	4	24.5	0.0	—	32	—	21	—	87	—	0	981	886	—

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of SEPTEMBER 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Sollum	1	Barometer	1011·9
Alexandria ...		Wind direction	NNW
Atbara	2	Wind direction	W
Sollum	3	8 h. temp.	25·8
,,		Humidity	77
Kassala... ...		Maximum	—
Wad Medani...		Barometer	—
Khartoum ...	4	State of sky	1
Kassala... ...		Maximum	—
Khartoum ...	5	State of sky	0
Malakal... ...	6	Maximum	29
Harghada ...		Minimum	22
Kharga	7	Minimum	18
Atbara		Wind direction	E
El Obeid ...		Wind direction	WNW
Malakal... ...	8	Maximum	32
Suez	9	State of sky	3
Alexandria ...	10	State of sky	2
,,		Humidity	82
Suez		State of sky	1
Qosseir		8 h. temp.	30·6
,,		Humidity	43
,,		Minimum	28
Kassala... ...		Maximum	—
Roseires ...		Wind direction	SSW
Sollum	11	8 h temp.	26·7
Sollum		Humidity	67
,,		Maximum	31
Merowe... ...		Maximum	—
Tor	12	Barometer	1009·3
Qosseir		Wind force	5
Tor	13	Barometer	1007·2
Qosseir		Wind direction	NNW
El Fasher ...		,,	WNW
,,		Maximum	38
Haifa	14	8 h. temp.	35·3
,,		Humidity	70
El Fasher ...		State of sky	1
El Obeid ...		Rainfall	13
Port Said ...	15	Wind direction	WNW
Haifa		8 h. temp.	38·7
,,		Humidity	53
,,		Minimum	29
Kharga		8 h temp.	30·5
,,		Humidity	34
Kassala... ...		Maximum	—
Wau		Rainfall	1
Kharga	16	Minimum	—
Tanta	17	Wind direction	S
,,		State of sky	0
Tor		Maximum	39

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Matruh... ...	18	Wind direction	NNE
Atbara		Maximum	—
Merowe... ...		,,	—
Haifa	19	8 h. temp.	34·6
,,		Humidity	62
Port Sudan ...		State of sky	2
Kassala... ...		Maximum	—
El Fasher ...	20	State of sky	3
Haifa	21	Barometer	1010·0
Kassala... ...		Maximum	—
Haifa	22	Barometer	1008·4
,,		8 h. temp	31·3
,,		Humidity	63
,,	23	Barometer	1008·8
Atbara		Maximum	—
Kassala... ...		,,	—
El Fasher ...		,,	39
Matruh... ...	24	8 h. temp.	30·4
,,		Humidity	65
Qosseir		Barometer	1011·5
,,		Wind direction	NNW
,,		Wind force	7
,,		8 h. temp.	31·2
,,		Humidity	51
,,		Maximum	34
Tor	25	Minimum	27
Qosseir		Barometer	1011·4
Wadi Halfa ...		8 h. temp.	26·4
,,		Humidity	40
El Obeid ...		State of sky	1
Juba		Wind force	1
Siwa	26	Maximum	36
Qasr el Gebali.		8 h. temp.	26·2
,,		Humidity	60
Minya		Barometer	1013·0
Kassala... ...		Maximum	—
Haifa	27	Barometer	1008·2
,,		Rainfall	Drops
Minya		Wind direction	NW
Atbara		Maximum	—
Haifa	28	Rainfall	Drops
Qosseir		Wind direction	N
Qasr el Gebali.		Wind force	3
Suez	29	Minimum	20
Qasr el Gebali.		8 h. temp.	23·5
,,		Humidity	55
Qena		Barometer	1014·2
Atbara		Wind direction	NE
Sollum	30	Barometer	1013·6
Haifa		Rainfall	0

REMARKS:— Halve cloud observations at KASSALA for the whole month.

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR SEPTEMBER, 1931.

The Weather.

During the first half of the month the weather was generally fine and pleasant. The summer distribution of pressure was maintained and the departures of temperature from normal were generally small. Thick fog was observed in Cairo on the 8th, 13th and 15th.

A spell of comparatively warm weather followed from the 14th until the end of the third week. The thermometer rose to 38°C at Helwan on the 14th being 6°C above normal. At Aswan the maximum temperature recorded on three successive days commencing on the 14th was not less than 45°C.

On the 22nd a shallow depression appeared off Alexandria and gave rise to southerly winds and very hot weather, which however lasted only for one day. At Giza the temperature reached 39°C, *i.e.* 8°C above normal. Another depression followed on the 24th with similar effects.

From the 27th onwards the pressure over Egypt rose considerably and cool weather set in until the end of the month. Light showers took place on the coast during this period.

For the month as a whole the pressure was everywhere below normal, while except in Central Sudan the temperature was above normal. The relative humidity at Alexandria was 6% above normal. The Sudan rainfall was in excess.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR SEPTEMBER, 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX.+MIN./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1012·7	—0·1	31·7	+1·7	23·3	+0·9	27·5	+1·3	0	0
II. Middle Egypt	1012·6	—0·5	33·5	+1·5	20·6	+1·6	27·0	+1·6	0	0
III. Upper Egypt	1010·2	—0·6	38·5	+1·4	23·9	+1·7	31·2	+1·6	0	0
IV. North Sudan	1008·5	—0·9	39·7	+0·1	25·4	+0·6	32·6	+0·4	22	+ 2
V. Red Sea*	1008·1	—0·1	38·5	+0·8	27·8	+1·8	33·2	+1·3	0	0
VI. Central Sudan	1009·8	—1·3	34·2	—0·6	21·3	+0·3	27·8	—0·2	100	+ 20
VII. South Sudan	1011·2	—0·2	32·0	—0·6	22·0	+1·2	27·0	+0·3	220	+ 82

* Port Sudan only.

NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

RAINFALL DATA FOR SEPTEMBER, 1931.

STATION.	1931	Diff. from Normal.	STATION.	1931	Diff. from Normal.
	m/m.	m/m.		m/m.	m/m.
Jaba	95	— 17	Adis Abâba	138	— 54
Wau	289	+127	Roseires	199	+ 54
Malakâl	277	+136	Wâd Medani	71	+ 6
El Obeid	96	+ 19	Atbara	24	+ 18
El Fasher	34	+ 3	Kassala	50	— 5
Khartoum	9	— 7	Port Sudan	0	0

MAHMOUD HAMED MOHAMMED,
A/Director, Meteorological Service.

State of the River.

Though very late in rising owing to a deficiency of early summer rainfall in Abyssinia the flood has been a little higher than the average. The levels in the Main Nile are now falling everywhere.

Lake Albert at Butiaba rose 14 cms. during September. Its level on October 1, 1931, was 70 cms. above normal and 58 cms. above that of the corresponding day of last year.

Voilent fluctuations in the Bahr el Jebel at Juba culminated in a peak on the 7th 1·89 metres above normal. The levels were on the whole much above both the normal and those of last year.

River Sobat at Nasser and the White Nile at Malakal rose at practically normal rate. The levels were below normal but above last year's throughout.

The rapid fall of the Blue Nile at Roseires which began in the last few days of the preceding month continued until the 3rd. Thereafter there were fluctuations culminating in a peak on the 18th 1·95 metres above normal which was followed by a rapid fall to the end of the month. At Khartoum the Blue Nile reached its maximum on September 1, and there was a secondary peak on the 22nd.

River Atbara at Khashm el Girba continued to fall rapidly until the 3rd remained steady for a few days and fluctuated a little above normal thereafter.

The Main Nile at Wadi Halfa reached its maximum on the 3rd. The levels were above normal and those of last year throughout the month.

The differences of the mean levels in September 1931 from those of September 1930 and from the normal 1906-30 were :—

STATION.	Mean Differences of Levels.	
	Sept. 1931 Minus Sept. 1930.	Sept. 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·74	+ 0·42
Nasser	+ 0·36	— 0·13*
Malakâl	+ 0·26	— 0·09
Roseires	+ 0·48	+ 0·06
Khartoum	+ 0·45	— 0·01
Khashm el Girba	+ 0·41	— 0·07
Wadi Halfa	+ 0·72	+ 0·26

* Nasser Normal is for 1922–30 only.

Discharges of the Nile during August, 1931.

Observed by the Irrigation Department.

Aswân (Gaâfra).

(Measured by current-meter).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	84·06	2160
2	84·36	2480
3	84·68	2770
4	84·82	2920
5	84·82	2930
Approx. Monthly Mean		—

Aswân.

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	87·54	2230
2	87·87	2550
3	88·22	2840
4	88·36	2940
5	88·33	2930
6	88·36	3030
7	88·46	3140
8	88·71	3450
9	88·98	3710
10	89·15	3960
11	89·54	4400
12	89·98	5020
13	90·21	5310
14	90·40	5540
15	90·62	5840
16	90·87	6190
17	91·12	6620
18	91·32	6940
19	91·46	7190
20	91·58	7400
21	91·65	7570
22	91·73	7710
23	91·80	7830
24	91·85	7940
25	91·84	7910
26	91·83	7930
27	91·85	7980
28	91·89	8040
29	91·98	8190
30	92·09	8390
31	92·18	8570
Approx. Monthly Mean		5780
Normal Mean 1912-1930		6370

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	4·23	3000
5	4·53	3340
7	4·89	3890
10	5·88	5050
12	6·09	5480
14	6·51	6140
17	7·05	7020
19	7·26	7700
21	7·30	7970
24	7·53	8030
25	7·61	8270
28	7·77	8520
31	8·02	9110
Approx. Monthly Mean		6280
Normal Mean 1912-1930		7200

River Atbara (kilo. 3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	12·40	1090
10	13·44	2430
16	13·90	1930
20	14·02	1980
25	14·24	2410
31	14·60	2560
Approx. Monthly Mean		2000
Normal Mean 1912-1930		2080

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	14·06	3340
6	14·65	4730
12	15·53	5440
17	16·13	6420
21	16·14	6410
26	16·35	6380
Approx. Monthly Mean		5660
Normal Mean 1912-1930		6060

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	13·60	4300
9	14·20	6180
13	14·72	7010
18	15·11	8400
24	15·15	8310
29	15·34	8400
Approx. Monthly Mean		7090
Normal Mean 1912-1930		6300

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	13·35	4660
6	14·38	5220
11	15·02	6670
16	15·28	7640
22	15·32	7120
26	15·30	6900
Approx. Monthly Mean		6610
Normal Mean 1912-1930		5780

Makwâr (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·76	3150
3	10·16	4120
5	10·42	4260
8	11·32	5290
10	11·40	5400
12	11·21	5140
15	11·74	6130
17	11·62	5630
19	11·68	5790
22	11·42	5560
24	11·35	5340
26	11·93	6260
29	13·05	7660
31	12·70	6970
Approx. Monthly Mean		5540
Normal Mean 1912-1930		5570

Gezîra Main Canal.

(Kilo. 1.3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
16	16·03	73
16	16·03	73
Approx. Monthly Mean		73
Normal Mean 1925-1930		44

Wad el Aies (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	10·50	3780
3	11·01	4340
5	11·09	4470
8	12·12	5970
10	11·83	5470
12	11·96	5670
15	12·19	5940
17	12·23	5960
19	12·12	5670
22	12·01	5400
24	12·19	5640
26	12·74	6460
31	12·96	6630
Approx. Monthly Mean		5610
Normal Mean 1912-1930		5510

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	13·83	—393*
8	14·36	545
12	14·94	548
17	15·31	517
22	15·38	1270
27	15·42	1430
Approx. Monthly Mean		722
Normal Mean 1912-1930		586

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·42	915
5	11·48	942
10	11·53	990
15	11·61	1000
22	11·68	1030
25	11·79	1000
30	11·76	1030
Approx. Monthly Mean		992
Normal Mean 1912-1930		1050

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	12·80	530
9	12·86	558
14	12·97	573
19	13·01	564
24	13·07	590
29	13·13	582
Approx. Monthly Mean		565
Normal Mean 1912-1930		609

River Sobât.

(400 mts. D.S. Baro-Pibor Junction).

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·41	618
3	9·45	640
4	9·49	645
6	9·52	638
9	9·56	619
10	9·57	640
11	9·59	628
13	9·62	634
14	9·62	622
15	9·63	631
17	9·65	642
18	9·65	640
20	9·69	626
21	9·71	636
22	9·73	655
24	9·74	644
25	9·76	652
27	9·80	632
29	9·82	646
31	9·86	656
Approx. Monthly Mean		637

River Baro.

(6 kms. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	8·81	562
3	8·85	591
4	8·88	587
6	8·89	587
9	8·94	551
10	8·96	552
11	8·98	562
13	8·97	558
14	8·98	554
15	8·99	563
17	9·00	552
18	9·01	565
20	9·05	559
21	9·06	558
22	9·08	563
24	9·10	580
25	9·10	554
27	9·12	566
29	9·13	564
31	9·15	574
Approx. Monthly Mean		566

Gambeila (River Baro)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
July 31	12·30	709
Approx. Monthly Mean		613
Aug. 4	12·32	714
8	12·32	686
12	12·54	773
14	12·82	876
Approx. Monthly Mean		—
Normal Mean 1928-1930		1020

* The minus sign indicates that the water was flowing up the White Nile.

Discharges of the Nile during August, 1931 (*continued*).

Observed by the Irrigation Department.

River Pibor

(6 kms. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	8·81	80
3	8·85	82
4	8·88	85
6	8·89	82
9	8·94	75
10	8·96	80
11	8·98	85
13	8·97	85
14	8·98	90
15	8·99	86
17	9·00	85
18	9·01	88
20	9·05	90
21	9·06	90
22	9·08	93
24	9·10	94
25	9·10	95
27	9·12	94
29	9·13	90
31	9·15	97
Approx. Monthly Mean		87

Akobo (River Pibor).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·98	10
11	14·08	20
17	14·26	30
24	14·40	27
30	14·50	42
Approx. Monthly Mean		23

Bahr el Zerâf (Kilo. 3).

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·14	133
18	12·25	140
28	12·36	142
Approx. Monthly Mean		137
Normal Mean 1912-1930		144

(D.S. Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·53	145
5	26·54	138
9	26·55	145
12	26·56	143
16	26·57	147
19	26·58	150
23	26·59	148
26	26·61	146
30	26·62	149
Approx. Monthly Mean		146
Normal Mean 1927-1930		158

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	28·18	8
4	28·20	7
8	28·21	11
11	28·23	4
15	28·23.	9
18	28·24	37
22	28·24	37
25	28·28	36
29	28·29	36
Approx. Monthly Mean		22
Normal Mean 1927-1930		50

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·34	306
18	12·44	307
28	12·52	311
Approx. Monthly Mean		306
Normal Mean 1923-1930		292

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·68	318
17	13·72	308
27	13·78	308
Approx. Monthly Mean		312
Normal Mean 1923-1930		308

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·68	21
17	13·72	24
27	13·78	29
Approx. Monthly Mean		24
Normal Mean 1923-1930		23

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·68	295
17	13·72	295
27	13·78	291
Approx. Monthly Mean		295
Normal Mean 1923-1930		288

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·61	367
6	26·62	378
10	26·65	380
13	26·65	380
17	26·66	379
20	26·66	386
24	26·69	395
27	26·69	394
31	26·70	387
Approx. Monthly Mean		383
Normal Mean 1927-1930		377

(D.S. Head of Zerâf Cut No. 2)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·61	239
6	26·62	252
10	26·65	251
13	26·65	251
17	26·66	246
20	26·66	252
24	26·69	248
27	26·69	254
31	26·70	250
Approx. Monthly Mean		249
Normal Mean 1927-1930		241

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·53	19
5	26·54	18
9	26·55	18
12	26·56	19
16	26·57	19
19	26·58	20
23	26·59	19
26	26·61	18
30	26·62	18
Approx. Monthly Mean		19
Normal Mean 1927-1930		24

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	28·18	70
4	28·20	69
8	28·21	67
11	28·23	67
15	28·23	67
18	28·24	67
22	28·24	65
25	28·28	62
29	28·29	61
Approx. Monthly Mean		66
Normal Mean 1927-1930		65

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·61	18
5	26·62	19
9	26·64	18
12	26·65	18
16	26·66	17
19	26·66	18
23	26·66	18
26	26·69	17
30	26·70	16
Approx. Monthly Mean		18
Normal Mean 1927-1930		24

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·84	76
4	11·85	76
8	11·87	74
11	11·88	74
15	11·88	74
18	11·89	73
22	11·89	69
25	11·92	71
29	11·93	68
Approx. Monthly Mean		73
Normal Mean 1927-1930		71

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·84	365
4	11·85	370
8	11·87	367
11	11·88	363
15	11·88	368
18	11·89	367
22	11·89	360
25	11·92	362
29	11·93	372
Approx. Monthly Mean		366
Normal Mean 1927-1930		352

Mongalla (Bahr el Jebel)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	12·70	1160
3	12·39	1110
5	12·44	1050
10	12·85	1250
11	12·72	1190
12	12·66	1170
13	12·66	1150
15	12·57	1110
17	12·88	1280
18	12·00	1340
19	12·97	1290
20	12·89	1270
21	12·67	1220
22	12·62	1200
24	12·92	1300
25	13·10	1340
29	13·28	1420
31	13·16	1370
Approx. Monthly Mean		1230
Normal Mean 1912-1930		1010

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m^3. p.s.
			M.		
		River Sobât and Tributaries.			
7-8-1931	Nyanding	Near Mouth	9·65	Nasser.	— 1
5-8-1931	Pibor.	D.S. Makwai Junction	9·22	Makwai.	98
2-8-1931	,,	,, ,, ,, ...	9·29	,,	90
9-8-1931	,,	,, ,, ,, ...	9·37	,,	98
6-8-1931	,,	,, ,, ,, ...	9·40	,,	99
5-8-1931	Khor Makwai.	At Mouth	9·22	,,	8
2-8-1931	,,	,, ...	9·29	,,	19
9-8-1931	,,	,, ...	9·37	,,	11
6-8-1931	,,	,, ...	9·40	,,	13
5-8-1931	Pibor.	U.S. Makwai Junction	9·22	,,	92
2-8-1931	,,	,, ,, ,, ...	9·29	,,	86
9-8-1931	,,	,, ,, ,, ...	9·37	,,	91
6-8-1931	,,	,, ,, ,, ...	9·40	,,	95
9-8-1931	,,	D.S. Gila Junction	9·32	Gila.	115
8-8-1931	,,	,, ,, ,, ...	9·72	,,	101
9-8-1931	Gila.	At Mouth	9·32	,,	91
8-8-1931	,,	,, ...	9·72	,,	66
9-8-1931	Pibor.	U.S. Gila Junction	9·32	,,	26
8-8-1931	,,	,, ,, ,, ...	9·72	,,	54
0-8-1931	,,	D.S. Geni ,, ...	14·05	Akobo.	36
0-8-1931	Khor Geni.	At Mouth	14·05	,,	— 5
0-8-1931	Pibor.	D.S. Akobo Junction	14·05	,,	40
0-8-1931	Akobo.	At Junction with Pibor	14·05	,,	22
2-8-1931	Pibor.	D.S. Agwei Junction	399·50	Agwei.	35
2-8-1931	Agwei.	Near Junction with Pibor	399·50	,,	6
2-8-1931	Pibor.	U.S. Agwei Junction	399·50	,,	23
5-8-1931	Adura.	U.S. Baro-Adura Junction	8·89	Pibor mouth.	106
5-8-1931	Baro.	,, ,, ,, ...	8·89	,,	474
5-8-1931	Khor Mechar.	Head	8·89	,,	67
4-8-1931	,, Jokau.	At Junction	8·88	,,	24
4-8-1931	Adura.	D.S. Baro-Adura bifurcation	8·88	,,	106
4-8-1931	Baro.	,, ,, ,, ...	8·88	,,	599
4-8-1931	,,	U.S. ,, ,, ...	8·88	,,	702
		Bahr el Jebel and Tributaries.			
6-8-1931	Bahr el Jebel.	Gemeiza	429·15	Gemeiza.	742
7-8-1931	,,	Giggin	429·54	Giggin.	282
5-8-1931	,,	Terrikaka	13·90	Terrikaka	1010
2-8-1931	,,	Khor Soliman	12·50	Mongalla	— 1
7-8-1931	,,	,, ,, ...	12·89	,,	— 2
0-8-1931	,,	,, ,, ...	13·23	,,	— 7
2-8-1931	,,	,, Luri	12·50	,,	5
2-8-1931	,,	,, Koda	12·50	,,	7
7-8-1931	,,	,, ,, ...	12·89	,,	7
0-8-1931	,,	,, ,, ...	13·23	,,	13

R. P. Black,

Acting Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to morrow

Time of sunrise 05 48

sunset 17 41

From Observations taken at 8 h. to-day.

Thursday 1st October, 1931 ١٩٣١ الخميس أول اكتوبر

Barometer at 0°	Barometer Diff. from normal	Barometer Diff. from yesterday	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Diff. from yesterday	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall	Max.	Min.	Sea
1015.2	—	-0.6	NW	4	1	21.4	-1.0	-2.4	35		17		66	-5	drops	57	101	1
1011.2	-3.4	-4.1	NW	7	4	22.8	-0.2	-1.0	34	+7	23	+4	91	+17	0	179	158	8
1010.8	-5.5	-4.6	S	1	2	23.4	+0.1	-1.3	34	+5	21	0	78	+9	0	96	191	1
1010.7	-5.3	-2.7	ESE	4	2	25.6	+0.2	-0.1	28	-1	23	+1	76	+7	0	62	82	2
—	—	—	—	0	1	23.4	-0.2	-2.0	28	-1	16	-2	55	-13	0	251	376	
1009.5	-4.7	-2.6	—	0	0	26.8	+2.7	-0.3	31	+1	22	+3	68	+2	0	685	648	1
1011.0	-5.3		NE	1	1	24.0	+1.0		32		19		63		0	35		
1010.7	-4.8	-3.7	WSW	1	0	23.2	+0.9	+1.5	34	+3	19	+1	68	-10	0	17	34	
1010.3	-5.2	-4.3	—	0	0	23.3	+0.4	—	33	+3	16	0	69	—	0	21	31	
1010.0	-5.5	-4.8	ESE	1	0	25.9	+2.8	+3.4	34	+3	22	+3	39	-28	0	19	35	
1016.4	+0.9	+1.6	NE	2	0	21.8	-1.7	-0.3	33	-1	18	+1	76	+14	0	38	7	
1009.5	-5.3	-4.4	—	0	0	24.6	+2.2	+1.5	33	+1	20	-1	53	-24	0	28	26	0
1010.4	-1.5	-1.4	—	0	0	27.0	+0.7	+1.0	29	-1	18	-2	63	-7	0	11	14	0
1010.3	-1.9		NW	5	0	30.0	+4.6		31		17		60		0	0		3
1009.6	-3.5		WNW	3	0	30.2	+2.7		31		25		35		0	15		3
1011.6	-4.4	-2.8	NW	1	0	24.0	+1.0	+0.4	35	+3	18	+1	60	-5	0	17		
1011.5	-3.1		SSW	2	0	23.0	+1.5	+0.1	33	+2	18	-1	66	-8				
1012.4	-2.4	-1.1	WNW	2	0	25.9	+3.2	+2.9	33	+1	21	+1	50	-16	0	7		
1011.0	-1.8		NNW	1	0	25.7	+1.3	-1.2	37	+1	22	+2	49	-6				
1011.9	-0.4		—	0	0	26.2	+0.6		37		19		52		0	1		
1010.7	-1.2	-0.9	—	0	0	27.0	+2.0	-0.6	38	0	22	0	37	-1				
1010.4	-0.8	-1.6	NNE	2	0	26.2	+2.0	+0.1	39	+1	23	+2	29	-6				
1007.1	-2.5	-2.9	NE	1	0	32.5	+3.5	+1.1	45	+4	24	0	20	-8	0	36	34	
1009.4	+1.2	+0.4	SW	2	0	31.0	-1.0	-1.0	41	+1	26	+1	42	+17	0	108	83	
1009.3	+0.9	+0.4	SSW	3	1	29.5	-1.0	0.0	41	+2	25	0	50	+6	0	192	152	
1010.6	0.0	+0.4	N	1	2	31.5	-0.7	-0.5	34	-1	27	+2	72	+15	0	112	122	1
1009.8	+1.9	-1.0	WSW	1	3	24.5	-1.5	-0.5	35	0	23	+3	87	+12	0	838	781	
1011.8	-0.2	+0.5	—	0	4	25.0	-1.8	-1.0	33	0	21	-1	84	+6	3	756	885	
1014.3	+0.5		WSW	3	2	21.0	-3.5		34		19		91		0	981	893	

General Situation

8.45 A depression which was yesterday situated over the western desert has now reached the Gulf of Suez. Pressure to the west of Egypt is rising and a high pressure system extends from central Europe to the Mediterranean.

قد وصل الانخفاض الذي كان فوق الصحراء الغربية الباحة الى خليج السويس والضغط آخذ في الارتفاع فوق الجهة الغربية من مصر وهناك ارتفاع ممتد بين اواسط اوروبا والبحر الابيض.

15 SSW
25 SW
20 WSW
20 WSW
20 SW

Forecast for 24 hours from noon to-day.

Light southerly winds becoming northerly and northwesterly and strengthening.
Mainly clear at first, some low or medium cloud developing later.
Becoming cooler.

رياح جنوبية خفيفة تتحول الى شمالية وشمالية غربية وتشتد. السماء صحو في البدء ثم يظهر بعد السحاب المنخفض او المتوسط الارتفاع - تنخفض درجة الحرارة.

Station	Humidity Average of Day	Diff. from normal	Wind Run Temperature Mean of Day	Diff. from normal
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	65	-3	21.0	+1.0
Ezbekiya	53	-12	19.7	-1.0
Giza	54	-14	19.9	—
Helwan	46	-8	18.8	+0.8

NOTE. - dash means that figures are not available

Terms of Subscription 8/- in and Post, PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec.		
DATE	1931	1930
30.9	7550	5563
29.9	7478	5638

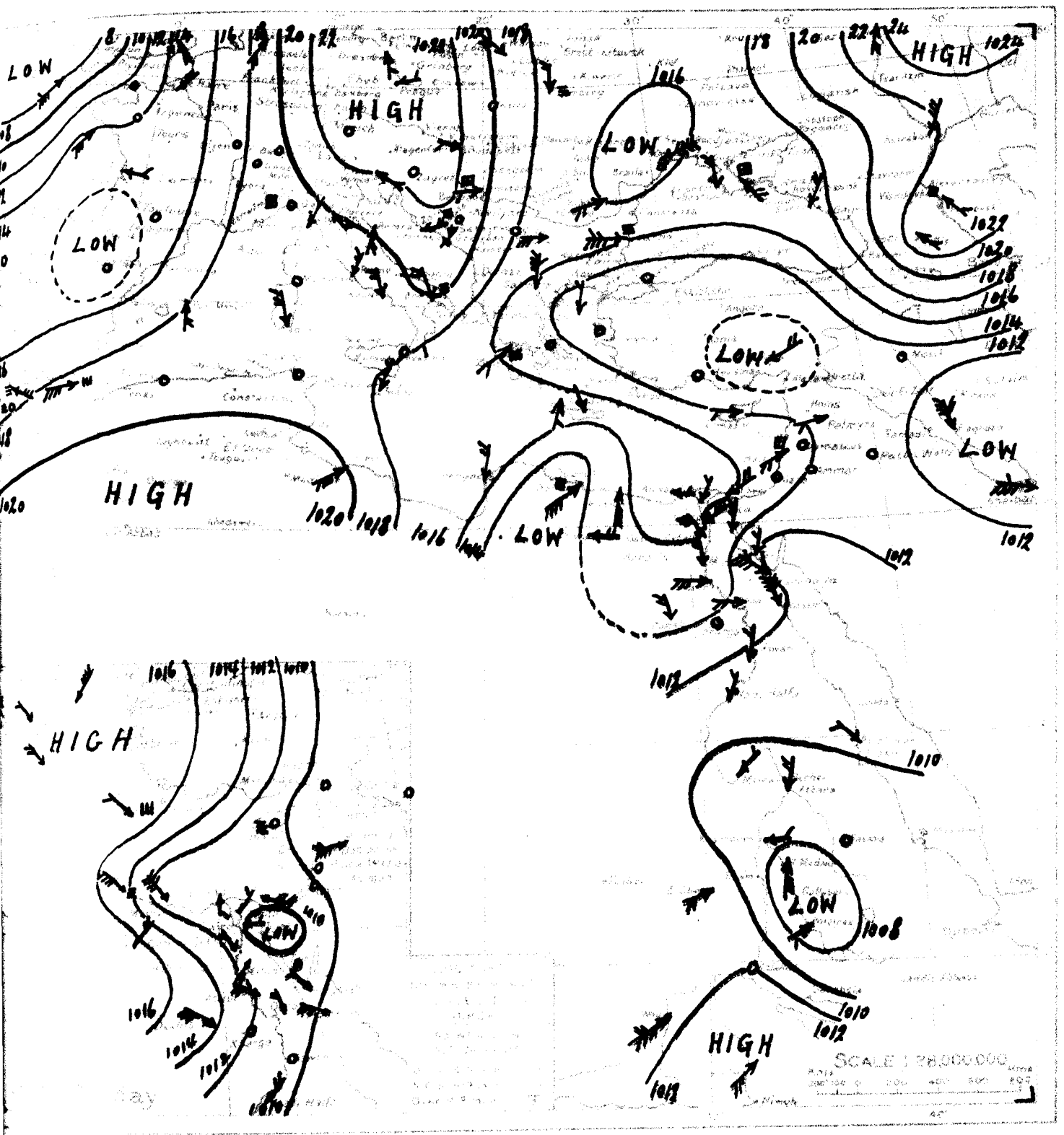
Gauge	Date	Reading	Diff. from normal	Reading	
	1931	m.	m.	m.	
Juba	30.9	13.92	+0.18	14.13	+0.39
Nassir	29.9	10.34	-0.06	10.32	-0.07
Malakal	30.9	12.08	-0.08	12.00	-0.07
Roseires	1.10	16.92	-0.48	17.18	-0.32
Sennar Res.	30.9	17.20	—	17.20	—
Makwar	30.9	9.52	-1.31	9.74	-1.16
Khartoum	1.10	14.88	-0.13	14.98	-0.07
Kh. el Gerid	29.9	12.28	-0.21	12.39	-0.02
Atbara	1.10	14.15	+0.05	14.25	+0.10
Wadi Halfa	1.10	7.40	+0.40	7.45	+0.41
Aswan Res.	30.9	98.71	—	98.51	—
" D.S.	30.9	91.86	+0.47	91.81	+0.38
El Lahun	1.10	22.15	-0.28	22.17	-0.29
Roda (Cairo)	1.10	18.10	-0.40	18.14	-0.39

PRINTED AT THE SURVEY OF EGYPT 1929 (29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-٩-٣٠ Barometer and Wind at 8 h Yesterday 30.9.31.



٣١-٩-٣٠ From Observations taken at 8 h. yesterday 30.9.31.

	1019.2	+3.0	+3.3	NE	2	2	15	-2	—	23	—	12	—	70	—	—	—	818	—
	1017.7	+0.3	-0.1	NNE	1	1	21	0	—	24	-2	18	-2	80	—	0	348	460	1
	1014.2	-4.9	-2.0	—	0	1	20	+1	—	—	—	—	—	70	—	—	—	394	
	1016.2	-3.7	-0.6	NW	1	1	22	+1	—	24	-1	16	-2	—	—	0	598	476	1
	1013.8	-1.4	+0.2	WNW	1	0	23	-1		28	-2	13	-4	—	—	0	393	468	3
Merowe	1009.4	-0.6	-0.3	NE	1	0	29.0	-2.0	-2.5	45	+3	24	-1	21	-7	0	36	34	—
Kassala	1009.0	0.0	-1.4	—	0	0	31.0	+1.0	+1.3	36	-2	24	+1	50	+2	0	231	331	—
El Obeid	1011.0	+0.7	-0.3	WSW	2	1	24.0	-3.5	-1.4	35	-1	20	-1	73	+15	0	332	353	—
Malakal	1012.0	-0.7	+0.7	—	0	1	26.8	+1.6	+0.8	33	0	21	-1	72	-7	0	753	880	—
Juba	1013.8	+0.8	—	SW	3	1	24.5	0.0	—	31	—	19	—	73	—	0	981	889	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 49

" sunset 17 40

From Observations taken at 8h. to-day.

Friday 2nd October, 1931 ١٩٣١ الجمعة ٢ أكتوبر

STATION.	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL			SEA
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1017.5	+2.3	+1.6	NW	3	4	20.4	-1.0	-3.3	27		17		64	-7	0	0	0	1
MATRUH	1016.4	+5.2	+1.0	NE	2	0	23.4	+0.6	-0.3	25	-2	20	+1	61	-13	10	10	1	2
ALEXANDRIA	1015.6	+4.8	+0.1	NW	2	3	23.9	+0.5	-0.7	30	+1	23	+2	60	-9	dr.	dr.	0	2
PORT SAID	1013.8	+3.1	+0.4	NNW	3	2	25.5	-0.1	-0.1	30	+1	22	0	64	-5	7	7	0	4
GAZA	—	—	—	WNW	1	2	25.7	+2.3	+0.4	31	+2	21	+3	74	+6	0	0	0	
[illegible]	1009.5	0.0	-2.7	ENE	1	1	27.3	+0.5	+0.3	31	+1	23	+4	71	+5	0	0	1	1
[illegible]	1015.0	+4.0		W	1	0	23.5	-0.5		34		20		71		dr.	dr.		
[illegible]	1014.6	+3.9	+0.1	NNW	2	0	22.8	-0.4	+1.2	35	+4	19	+1	78	0	6	6	0	
[illegible]	1014.7	+4.4	0.0	NNW	2	1	22.9	-0.4	—	35	+5	20	+4	80	—	4	4	0	
[illegible]	1015.1	+5.1	+0.3	WNW	2	3	21.8	-4.1	-0.6	34	+3	20	+1	86	+19	6	6	0	
[illegible]	—	—	—	—	0	0	25.9	+4.1	+3.9	32	-2	17	0	44	-18	0	0	0	
[illegible]	1012.7	+3.2	-1.3	N	2	3	25.0	+0.4	+2.0	34	+2	23	+2	76	-1	0	0	0	2
[illegible]	1011.2	+0.8	-0.8	NW	5	0	27.5	+0.5	+1.6	36	+6	24	+4	70	0	0	0	0	5
[illegible]	1011.5	+1.2		W	5	0	29.6	-0.4		34		23		74		0	0		3
[illegible]	1015.9	+4.3	+1.5	NW	3	0	24.0	0.0	+0.5	34	+2	20	+3	67	+2	0	0		
[illegible]	1014.3	+2.8		NNE	2	2	23.0	0.0	+0.2	34	+3	19	0	72	-3				
[illegible]	1015.8	+3.4	+2.2	NW	3	4	22.8	-3.1	-0.1	32	0	22	+2	78	+12	0	0		
[illegible]	1013.4	+2.4		WSW	2	0	26.4	-0.3	-1.3	37	+1	22	+2	66	+11				
[illegible]	1015.0	+3.1		N	2	0	24.7	-1.5		36		21		66		0	0		
[illegible]	1013.1	+2.4	+1.4	N	3	0	27.0	0.0	-0.5	39	+1	24	+2	37	-1				
[illegible]	1012.8	+2.4	+0.7	N	3	0	27.2	+1.0	+1.2	40	+2	23	+2	36	+1				
[illegible]	1009.4	+2.3	-0.6	NE	1	0	33.5	+1.0	+2.2	46	+5	28	+4	17	-11	0	0	0	
[illegible]	1008.6	-0.8	-0.5	S	2	0	31.0	0.0	-1.0	40	0	26	+1	37	+12	0	0	0	
[illegible]	1010.2	+0.9	+1.3	SSW	2	1	30.0	+0.5	+0.5	39	0	25	0	51	+8	0	0	0	
[illegible]	1011.9	+1.3	+1.6	NW	1	3	30.5	-1.0	-1.4	35	0	25	0	82	+24	0	0	0	1
[illegible]	1009.0	0.0	-1.3	—	0	0	30.5	-0.5	+0.5	37	-1	25	+2	59	+12	0	0	0	
[illegible]	1009.3	-0.5	-1.5	WSW	1	1	25.5	+1.0	+0.5	34	-1	21	+1	80	+5	0	0	1	
[illegible]	1008.7	-1.7		WNW	1	0	26.5	+5.5	+1.4	38	+2	17	-2	37	-7	0	0	0	
[illegible]	1009.8	-0.9	-1.4	SW	2	2	28.0	+1.2	+0.6	35	-1	22	+1	63	+7	0	0	1	
[illegible]	1011.4	-0.4	+0.1	—	0	1	28.2	+3.2	+2.2	32	-1	23	+1	73	-5	0	0	3	
[illegible]	1010.2	-1.4	-0.5	S	5	0	27.0	+3.0	+2.0	33	-1	22	+2	73	-8	0	0	4	
[illegible]	1011.8	-2.5		NW	2	1	25.0	+4.0		33		20		78		0	0	3	

STATION.	Humidity Mean of day Yesterday	Diff. from normal	Air Temp. Mean of day Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	77	+9	21.6	+1.6
Ezbekiya	57	-8	20.8	+0.2
Giza	57	-11	20.9	—
Helwan	38	-16	19.4	+1.4

NOTE. A dash means that figures are not available.

Terms of Subscription: Sylvan Post, P.T. 100 annually

" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by Cairo m³/s per sec.

DATE	1931	1930
30.9	7550	5563
29.9	7478	5638

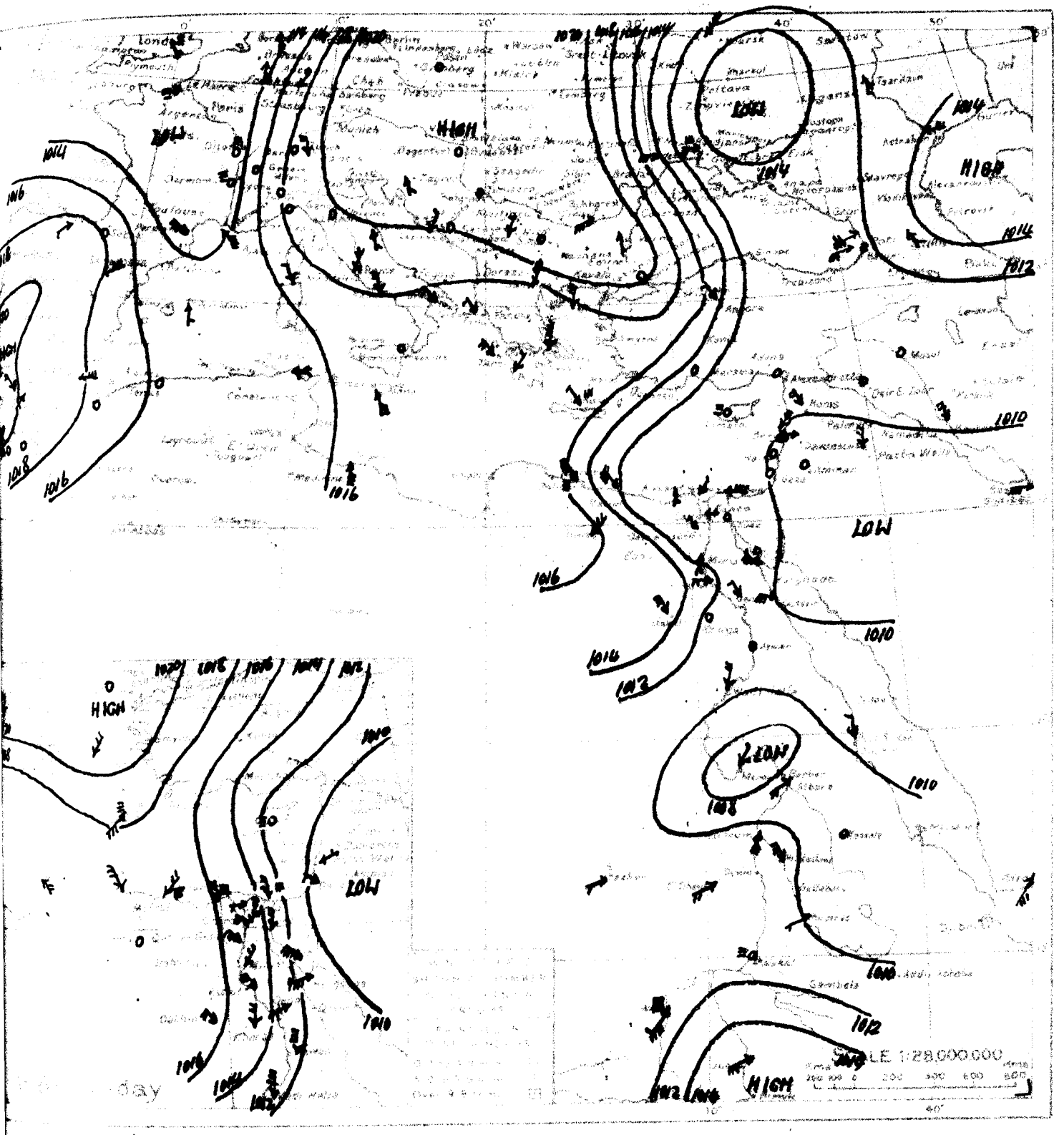
GAUGE	Date	Reading	Diff. from normal	Rise	Fall
	1931	m	m	m	m
Duba	2.10	14.26	+0.53	13.60	-0.13
Nasser	29.9	10.34	-0.06	10.32	-0.07
Malakal	30.9	12.08	-0.08	12.08	-0.07
Roseires	1.10	16.92	-0.48	17.18	-0.32
Sennar Res.	1.10	17.20	—	17.20	—
Makwar	1.10	9.56	-1.15	9.52	-1.31
Khartoum	1.10	14.88	-0.13	14.98	-0.07
Kh. el Girba	29.9	12.28	-0.21	12.52	-0.02
Atbara	1.10	14.15	+0.05	14.25	+0.10
Wadi Halfa	1.10	7.40	+0.40	7.45	+0.41
Aswan Res.	30.9	98.71	—	98.51	—
" D.S.	30.9	91.86	+0.47	91.81	+0.38
El Leithi	1.10	22.15	-0.28	22.17	-0.28
Roda (Cairo)	1.10	18.10	-0.40	18.14	-0.39

PRINTED AT THE SURVEY OF EGYPT (Ser. 320(29/5/31)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ١٠ - ١ Barometer and Wind at 8 h. Yesterday 1.10.31.



٣١ - ١٠ - ١ From Observations taken at 8 h. yesterday 1.10.31.

	Barometer Sea Level	Barometer Correction to Sea Level	Barometer Diurnal Change	Wind Direction	Force	Sky	Temperature At 8 h.	Temperature Diurnal Range	Temperature Diurnal Range Departure from normal	Temperature Absolute Maximum	Temperature Absolute Maximum Departure from normal	Temperature Absolute Minimum	Temperature Absolute Minimum Departure from normal	Humidity At 8 h.	Humidity Departure from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct.	Rainfall Total since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
[illegible]	1018.7	-0.5	+2.8	NE	2	0	15	0	—	23	—	11	—	70	—	—	—	620	—
[illegible]A	1017.1	-0.6	-0.5	SSE	3	4	21	0	—	23	-3	17	-2	80	—	0	348	461	1
[illegible]ENS	1017.0	+2.8	+0.7	NNE	4	2	17	-3	—	—	—	—	—	60	—	—	—	394	—
CANDIA	1017.5	+1.3	+0.8	NW	1	4	18	-4	—	26	+1	16	-2	—	—	5	603	[illegible]	2
[illegible]MASSOL	1010.6	-3.2	-3.2	—	0	4	26	+3		28	-2	16	-1	—	—	tr.	393	[illegible]	2
Kassala	1009.0	0.0	-1.3	—	0	0	31.0	0.0	+1.1	37	-1	24	+1	48	+1	0	231	[illegible]	—
Wad Medani	1010.7	+3.1	+1.0	NNW	3	1	26.7	-2.1	-1.6	39	+1	21	-1	68	+9	0	395	[illegible]	—
El Fasher	1010.4	+0.4	—	WSW	1	1	21.0	-2.5	-4.1	37	+1	16	-3	49	+5	0	299	[illegible]	—
El Obeid	1010.7	-0.3	-0.5	WSW	2	2	26.8	+0.8	-0.6	34	-2	22	+1	69	+12	0	332	[illegible]	—
Wau	1011.6	0.0	+0.9	SSW	5	3	24.0	-2.6	-1.0	31	-3	21	+1	87	+6	14	1020	[illegible]	—

MEDITERRANEAN

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 49 m

" " sunset 17 h 40 m

From Observations taken at 8 h. to-day.

Friday 2nd October, 1931 ١٩٣١ الجمعة ٢ أكتوبر

	STATION.	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
								°C	°C	°C	°C	°C	°C	°C			mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1017.5	+2.3	+1.6	NW	3	4	20.4	-1.0	-3.3	27	—	17	—	64	-7	0	0	0	1
	MATRUH	1016.4	+5.2	+1.0	NE	2	0	23.4	+0.6	-0.3	25	-2	20	+1	61	-13	10	10	1	2
	ALEXANDRIA	1015.6	+4.8	+0.1	NW	2	3	23.9	+0.5	-0.7	30	+1	23	+2	60	-9	dr.	dr.	0	2
	PORT SAID	1013.8	+3.1	+0.4	NNW	3	2	25.5	-0.1	-0.1	30	+1	22	0	64	-5	7	7	0	4
	GAZA	—	—	—	WNW	1	2	25.7	+2.3	+0.4	31	+2	21	+3	74	+6	0	0	0	—
	HAIFA	1009.5	0.0	-2.7	ENE	1	1	27.3	+0.5	+0.3	31	+1	23	+4	71	+5	0	0	1	1
LOWER EGYPT	TANTA	1015.0	+4.0	—	W	1	0	23.5	-0.5	—	34	—	20	—	71	—	dr.	dr.	—	—
	CAIRO EZBEKIYA	1014.6	+3.9	+0.1	NNW	2	0	22.8	-0.4	+1.2	35	+4	19	+1	78	0	6	6	0	—
	CAIRO GIZA	1014.7	+4.4	0.0	NNW	2	1	22.9	-0.4	—	35	+5	20	+4	80	—	4	4	0	—
	CAIRO HELWAN	1015.1	+5.1	+0.3	WNW	2	3	21.6	-4.1	-0.6	34	+3	20	+1	86	+19	6	6	0	—
	SIWA	—	—	—	—	0	0	25.9	+4.1	+3.9	32	-2	17	0	44	-18	0	0	0	—
RED SEA	SUEZ	1012.7	+3.2	-1.3	N	2	3	25.0	+0.4	+2.0	34	+2	23	+2	76	-1	[illegible]	0	0	2
	TOR	1011.2	+0.8	-0.8	NW	5	0	27.5	+0.5	+1.6	36	+6	24	+4	70	0	0	0	0	5
	HURGHADA	1011.5	+1.2	—	W	5	0	29.6	-0.4	—	34	—	23	—	74	—	0	0	—	3
	QOSSEIR			—						—		—		—		—			—	
UPPER EGYPT	GEBALI	1015.9	+4.3	+1.5	NW	3	0	24.0	0.0	+0.5	34	+2	20	+3	67	+2	0	0	—	—
	MINYA	1014.3	+2.8	—	NNE	2	2	23.0	0.0	+0.2	34	+3	19	0	72	-3	—	—	—	—
	ASYUT	1015.8	+3.4	+2.2	NW	3	4	22.8	-3.1	-0.1	32	0	22	+2	78	+12	0	0	—	—
	QENA	1013.4	+2.4	—	WSW	2	0	26.4	-0.3	-1.3	37	+1	22	+2	66	+11	—	—	—	—
	KHARGA	1015.0	+3.1	—	N	2	0	24.7	-1.5	—	36	—	21	—	66	—	0	0	—	—
	ASWAN	1013.1	+2.4	+1.4	N	3	0	27.0	0.0	-0.5	39	+1	24	+2	37	-1	—	—	—	—
NORTH SUDAN	WADI HALFA	1012.8	+2.4	+0.7	N	3	0	27.2	+1.0	+1.2	40	+2	23	+2	36	+1	—	—	—	—
	MEROWE	1009.4	+2.3	-0.6	NE	1	0	33.5	+1.0	+2.2	46	+5	28	+4	17	-11	0	0	0	—
	ATBARA	1008.6	-0.8	-0.5	S	2	0	31.0	0.0	-1.0	40	0	26	+1	37	+12	0	0	0	—
	KHARTOUM	1010.2	+0.9	+1.3	SSW	2	1	30.0	+0.5	+0.5	39	0	25	0	51	+8	0	0	0	—
EAST SUDAN	PORT SUDAN	1011.9	+1.3	+1.6	NW	1	3	30.5	-1.0	-1.4	35	0	25	0	82	+24	0	0	0	1
	KASSALA	1009.0	0.0	-1.3	—	0	0	30.5	-0.5	+0.5	37	-1	25	+2	59	+12	0	0	0	—
	WAD MEDANI																			—
	ROSEIRES	1009.3	-0.5	-1.5	WSW	1	1	25.5	+1.0	+0.5	34	-1	21	+1	80	+5	0	0	1	—
EQUATORIAL PROVINCE	EL FASHER	1008.7	-1.7	—	WNW	1	0	26.5	+5.5	+1.4	38	+2	17	-2	37	-7	0	0	0	—
	EL OBEID	1009.8	-0.9	-1.4	SW	2	2	28.0	+1.2	+0.6	35	-1	22	+1	63	+7	0	0	1	—
	MALAKAL	1011.4	-0.4	+0.1	—	0	1	28.2	+3.2	+2.2	32	-1	23	+1	73	-5	0	0	3	—
	WAU	1010.2	-1.4	-0.5	S	5	0	27.0	+3.0	+2.0	33	-1	22	+2	73	-8	0	0	4	—
	JUBA	1011.8	-2.5	—	NW	2	1	25.0	+4.0	—	33	—	20	—	78	—	0	0	3	—

TEMP. F. C. — PRESS. Mm. Mb

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — [illegible] الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	77	+9	21.6	+1.6
Ezbekiya	57	-8	20.8	+0.2
Giza	57	-11	20.9	—
Helwan	38	-16	19.4	+1.4

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
30.9	7550	5563
29.9	7478	5638

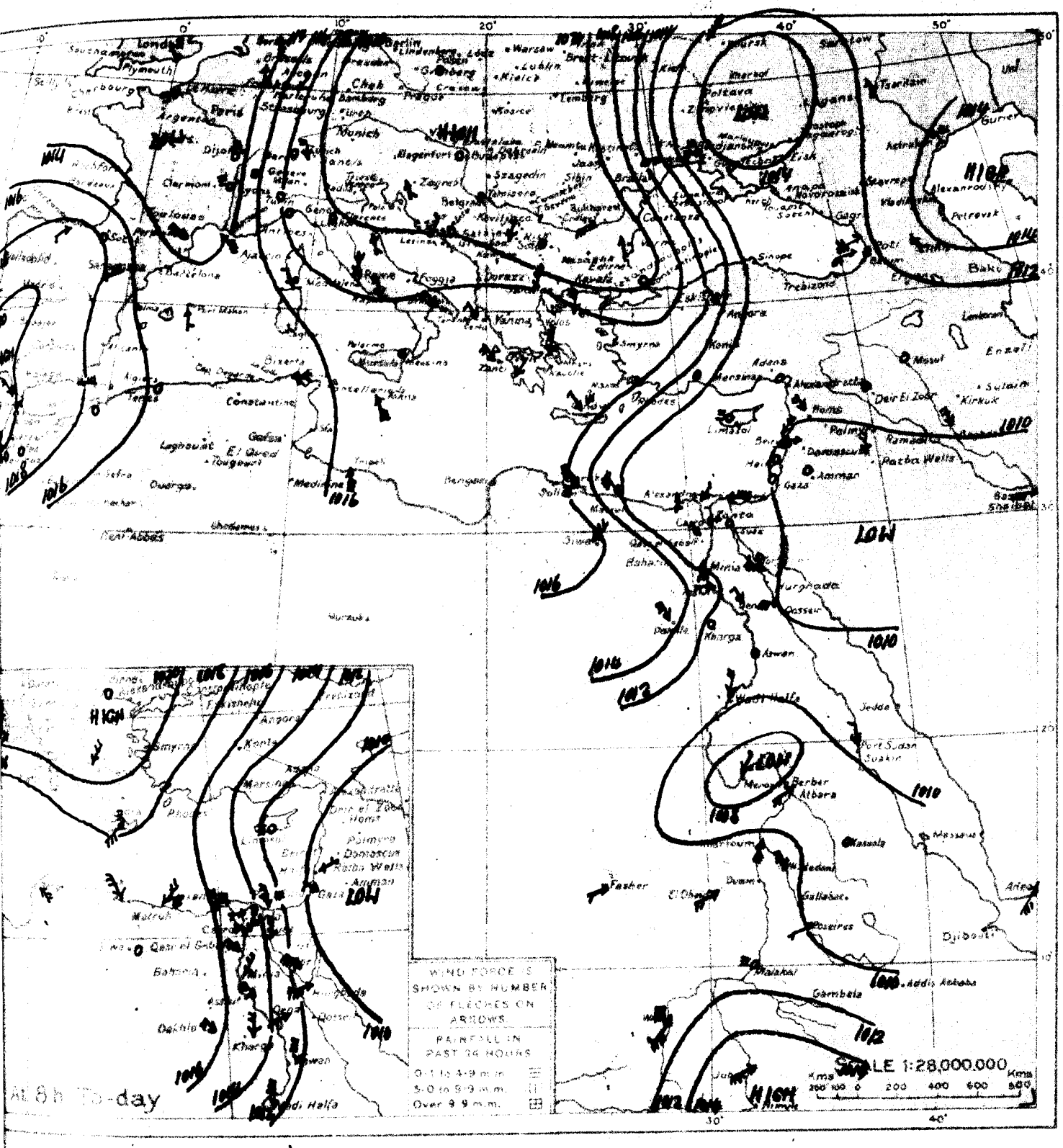
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	2.10	14.26	+0.53	13.60	-0.13
Nasser	29.9	10.34	-0.06	10.32	-0.07
Malakal	30.9	12.08	-0.08	12.08	-0.07
Roseires	1.10	16.92	-0.48	17.18	-0.32
Sennar Res.	1.10	17.20	—	17.20	—
Makwar	1.10	9.56	-1.15	9.52	-1.31
Khartoum	1.10	14.88	-0.13	14.98	-0.07
Kh. el Girba	29.9	12.28	-0.21	12.52	-0.02
Atbara	1.10	14.15	+0.05	14.25	+0.10
Wadi Halfa	1.10	7.40	+0.40	7.45	+0.41
Aswan Res.	30.9	98.71	—	98.51	—
" D.S.	30.9	91.86	+0.47	91.81	+0.38
El Leithi	1.10	22.15	-0.28	22.17	-0.28
Roda (Cairo)	1.10	18.10	-0.40	18.14	-0.39

PRINTED AT THE SURVEY OF EGYPT 1930(20/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ١٠ - ١ Barometer and Wind at 8 h. Yesterday 1.10.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ١٠ - ١ From Observations taken at 8 h. yesterday. 1.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.7	-0.5	+2.6	NE	2	0	15	0	—	23	—	11	—	70	—	—	—	620	—
	MALTA	1017.1	-0.6	-0.5	SSE	3	4	21	0	—	23	-3	17	-2	80	—	0	348	461	1
	ATHENS	1017.0	+2.8	+0.7	NNE	4	2	17	-3	—	—	—	—	—	60	—	—	—	344	—
	CANDIA	1017.5	+1.3	+0.5	NW	1	4	18	-4	—	26	+1	16	-2	—	—	5	603	476	2
	LIMASSOL	1010.6	-3.2	-3.2	—	0	4	26	+3		28	-2	16	-1	—	—	tr.	393	468	2
EGYPT and SUDAN	Kassala	1009.0	0.0	-1.3	—	0	0	31.0	0.0	+1.1	37	-1	24	+1	48	+1	0	231	333	—
	Wad Medani	1010.7	+3.1	+1.0	NNW	3	1	26.7	-2.1	-1.6	39	+1	21	-1	68	+9	0	395	396	—
	El Fasher	1010.4	+0.4	—	NSW	1	1	21.0	-2.5	-4.1	37	+1	16	-3	49	+5	0	299	322	—
	El Obeid	1010.7	-0.5	-0.5	NSW	2	2	26.8	+0.5	-0.6	34	-2	22	+1	69	+12	0	332	356	—
	Haik	1011.6	0.0	+0.9	SSW	5	3	24.0	-2.0	-1.0	31	-3	21	+1	87	+6	14	1020	1121	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05h 50m

" " sunset 17h 39m

From Observations taken at 8 h. to-day.

Saturday 3rd October, 1931 — ١٩٣١ — السبت ٣ اكتوبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m	
MEDITERRANEAN	SOLLUM	1019.1	+1.6	+3.1	S	2	2	21.4	+1.0	-2.2	26	—	18	—	62	-8	0	0	0	1
	MATRUH	1018.3	+1.9	+2.8	WSW	2	0	20.0	-3.4	-3.6	24	-3	—	—	69	-5	0	10	1	1
	ALEXANDRIA	1017.9	+2.3	+2.3	N	2	2	23.0	-0.9	-1.5	28	-1	21	0	59	-10	0	0	0	1
	PORT SAID	1017.6	+3.8	+4.1	W	2	0	23.0	-2.5	-2.5	28	-1	20	-2	69	0	0	7	0	2
	GAZA	—	—	—	S	1	0	22.9	-2.8	-2.3	29	0	17	-1	70	+2	2	2	1	—
	HAIFA	1014.2	+4.7	+1.9	—	0	1	27.8	+0.5	+1.0	31	+1	20	+1	58	-7	0	0	1	1
LOWER EGYPT	TANTA	1018.2	+3.2	—	SW	1	0	20.8	-2.7	—	28	—	15	—	70	—	0	0	—	—
	CAIRO: EZBEKIYA	1018.0	+3.4	+3.4	NW	1	0	19.8	-3.0	-1.7	30	-1	16	-2	69	-9	0	6	0	—
	CAIRO: GIZA	1018.2	+3.5	+3.5	N	1	0	19.5	-3.4	—	32	+2	13	-3	75	—	0	4	0	—
	CAIRO: HELWAN	1018.4	+3.3	+3.5	NW	1	0	19.5	-2.3	-2.9	28	-3	16	-3	69	+3	0	6	0	—
	SIWA	1019.4	—	+4.4	E	1	0	20.8	-5.1	-1.0	30	-4	16	-1	62	+4	0	0	0	—
RED SEA	SUEZ	1016.7	+4.0	+2.6	N	2	0	20.0	-5.0	-3.0	31	-1	17	-4	68	-9	0	0	0	2
	TOR	1014.2	+3.0	+2.1	NW	5	0	25.5	-2.0	-0.3	31	+1	24	+4	51	-19	0	0	0	5
	HURGHADA	1014.8	+3.3	—	NNW	5	0	26.3	-3.3	—	31	—	21		76		0	0	—	3
	QOSSEIR	1014.4	—	—	N	7	0	27.0	—	—	36	—	26	—	51	—	0	0	—	6
UPPER EGYPT	GEBALI	1019.0	+3.1	+4.5	NW	1	0	21.0	-3.0	-2.4	32	0	16	-1	65	0	0	0	—	—
	MINYA	—	—	—	NNE	3	0	21.5	-1.5	-1.2	30	-1	19	+1	70	-5			—	—
	ASSUT	1017.5	+1.7	+3.8	WNW	2	0	22.7	-0.1	-0.1	30	-1	20	0	61	-5	0	0	—	—
	QENA	1015.2	+1.8		WNW	1	0	25.1	-0.3	-1.5	34	-2	21	+1	61	+6	—	—	—	—
	KHARGA	1016.0	+1.0	—	NE	1	0	25.9	+1.2	—	33	—	21	—	51	—	0	0	—	—
	ASWAN	1013.9	+0.8	+2.1	NE	2	0	25.4	-1.6	-2.0	35	-3	22	0	45	+6	—	—	—	—
SOUTH SUDAN	WADI HALFA	1013.9	+1.1	+1.8	NE	3	0	25.0	-2.2	-0.9	35	-3	21	0	42	+7	—	—	—	—
	MEROWE																			—
	ATBARA	1007.5	-1.1	-1.6	NE	2	0	34.0	+3.0	+2.1	41	+1	27	+2	18	-7	0	0	0	—
	KHARTOUM	1008.7	-1.5	-0.2	NW	1	0	31.3	+1.3	+1.8	39	0	27	+3	45	+3	0	0	0	—
EQUATORIAL NILE VALLEY	PORT SUDAN	—	—	—	N	3	0	31.4	+0.9	-0.3	35	0	24	-1	68	+9	0	0	1	3
	KASSALA																			—
	WAD MEDANI																			—
	KOSHEIBE	1006.3	-3.0	-4.4	SW	1	0	29.0	+3.5	+3.9	36	+1	24	+4	71	-3	0	0	2	—
SOUTH SUDAN	EL FASHER	1009.8	+1.1	—	—	0	0	24.5	-2.0	-0.6	37	+1	20	+1	57	+14	0	0	1	—
	EL OBEID																			—
	MALAKAL	1010.0	-1.4	-1.3	—	0	3	28.0	-0.2	+2.0	35	+2	25	+3	79	+1	0	0	5	—
	WAU																			—
	JUBA																			—

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Kms. an hour	Direction
500	25	N
1000	25	N
1500	25	N
2000	30	N
3000		

General Situation

The pressure over Egypt has risen. A fairly deep depression has appeared near Malta.

الحالة العمومية

ارتفع الضغط على مصر وقد ظهر انخفاض عميق نوعا بالقرب من مالطا.

Forecast for 24 hours from noon to-day.

Light to moderate northerly winds, backing to the south on the coast tomorrow. Clear or occasional medium cloud. Mild.

M.H.

توقعات الطقس لحصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية بين الخفيفة والمعتدلة تتحول الى الجنوب غدا على الساحل - السماء صحو او يظهر بها قليل من السحاب المتوسط - الطقس معتدل.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	58	-10	18.8	-1.1
Ezbekiya	63	-2	20.0	-0.5
Giza	67	-1	19.8	—
Helwan	64	+10	18.9	+1.0

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
2.10	7317	5702
1.10	7473	5570

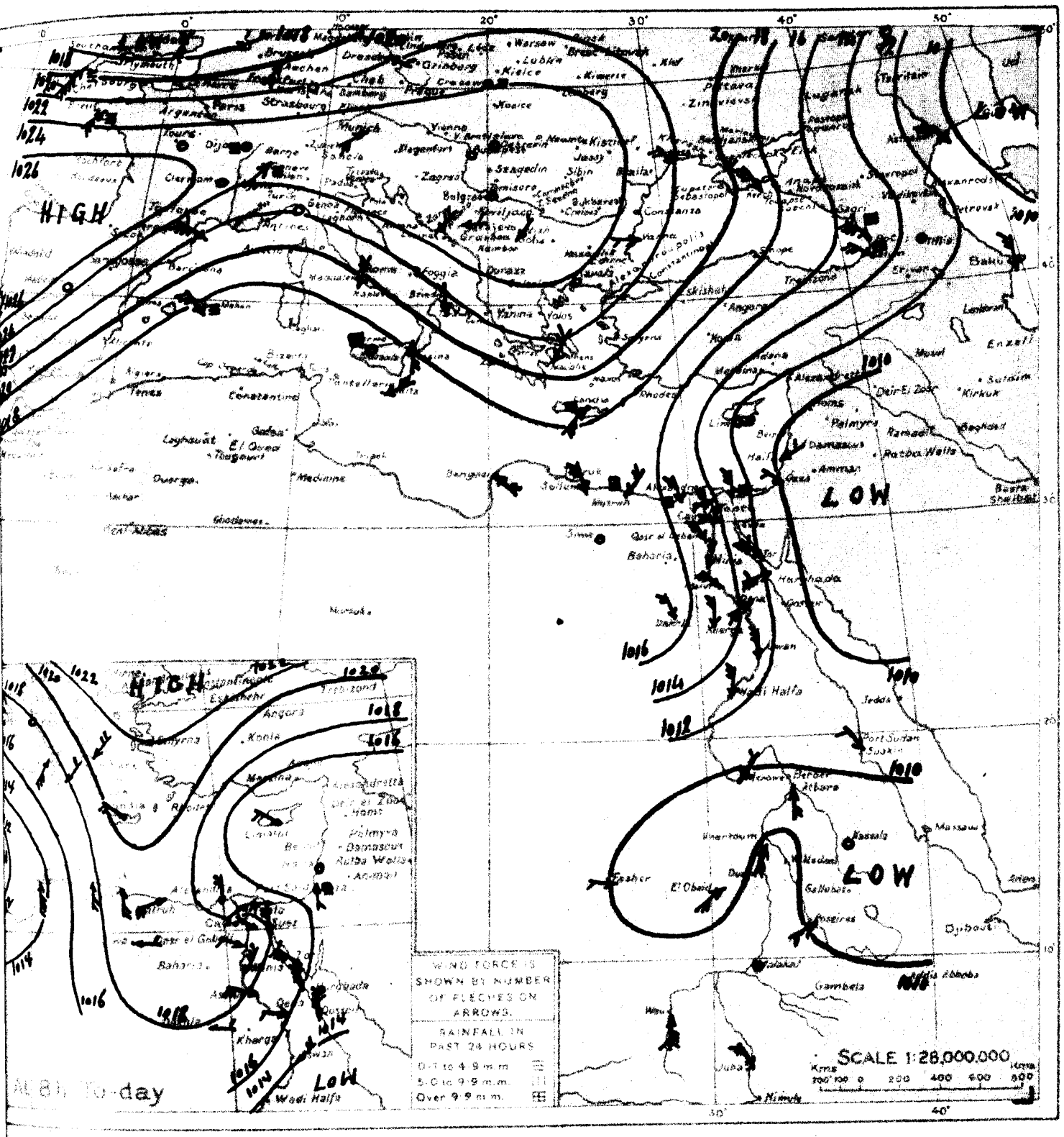
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	2.10	14.26	+0.53	13.60	-0.13
Nasser	1.10	10.37	-0.05	10.35	-0.06
Malakal	2.10	12.12	-0.05	12.11	-0.05
Roseires	3.10	17.05	-0.15	17.00	-0.30
Sennar Res.	2.10	17.20	—	17.20	—
Makwar	2.10	9.30	-1.31	9.56	-1.15
Khartoum	3.10	14.66	-0.27	14.78	-0.19
Kh. el Girba	1.10	12.10	-0.25	12.18	-0.24
Atbara	3.10	13.94	-0.03	14.05	+0.06
Wadi Halfa	3.10	7.20	+0.30	7.32	+0.38
Aswan Res.	2.10	98.58	—	98.75	-0.47
" D.S.	2.10	91.74	+0.46	91.91	+0.34
El Leithi	3.10	22.13	-0.34	22.13	-0.34
Roda (Cairo)	3.10	18.12	-0.38	18.10	-0.38

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٠-C Barometer and Wind at 8 h. Yesterday 2.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١٠-C From Observations taken at 8 h. yesterday. 2.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.9	+1.2	+4.0	NE	2	1	15	0	—	25	—	7	—	40	—	—	—	4	—
	MALTA	1012.4	-0.7	-1.2	ENE	3	4	21	0	—	23	-3	18	-1	80	—	0	0	2	2
	ATHENS	1020.4	+3.2	+4.1	NNE	2	1	17	0	—	—	—	—	—	60	—	—	—	1	—
	CANDIA	1019.1	+1.7	+3.1	SSW	3	1	21	+3		26	+1	15	-3	—	—	3	3	1	3
	LIMASSOL	1018.3	-0.3	-3.6	—	0	1	23	-3		28	-2	15	-2	—	—	1	1	1	1
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 50 (h m)

" " sunset 17 37 (h m)

From Observations taken at 8h. to-day.

Sunday 4th October, 1931 ١٩٣١ الأحد ٤ أكتوبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1016.4	−2.7	+0.3	S	5	4	21.4	0.0	−2.2	26	—	19	—	65	−5	0	0	1	3
	MATRUH	1020.2	+1.9	+4.6	SE	3	0	21.2	+1.2	−2.3	26	−1	18	−1	67	−7	0	10	2	2
	ALEXANDRIA	1018.4	+0.5	+2.7	S	1	0	24.2	+1.2	−0.2	28	−1	20	−1	64	−5	0	0	1	1
	PORT SAID	1017.8	+0.2	+4.2	SE	1	0	25.1	+2.1	−0.3	29	0	22	0	63	−6	0	7	0	1
	GAZA																			—
	HAIFA	1010.3	−3.9	−2.1	—	0	0	28.9	+1.1	+2.2	32	+2	24	+5	68	+3	0	0	2	1
LOWER EGYPT	TANTA	1017.9	−0.3	—	N	1	0	22.5	+1.7	—	29	—	18	—	66	—	0	0	—	—
	CAIRO: EZBEKIYA	1017.2	−0.8	+2.5	NNE	2	0	20.0	+0.2	−1.5	29	−2	17	−1	76	−2	0	6	0	—
	CAIRO: GIZA	1017.8	−0.4	+3.0	—	0	0	20.1	+0.6	—	30	0	15	−1	79	—	0	4	0	—
	CAIRO: HELWAN	1017.6	−1.8	+1.6	ENE	5	0	22.9	+3.4	+0.6	26	−4	19	0	59	−7	0	6	0	—
	SIWA	1018.7	−0.7	+3.6	NE	1	0	22.7	+1.3	+0.5	32	−1	16	0	56	−6	0	0	0	—
RED SEA	SUEZ	1015.6	−1.1	+1.4	N	3	0	22.5	+2.5	−0.4	28	−4	19	−2	63	−14	0	0	0	2
	TOR	1014.4	+0.2	+2.2	—	1	0	24.9	−0.6	−0.8	28	−2	17	−3	40	−30	0	0	0	0
	HURGHADA	1014.7	−0.1	—	NW	5	0	25.5	−0.8	—	30	—	20	—	72	—	0	0	—	3
	QOSSEIR	1013.5	−0.9	—	N	6	0	27.2	+0.2	—	30	—	25	—	36	—	0	0	—	6
UPPER EGYPT	GEBALI	1017.0	−2.0	+2.4	N	3	0	22.0	+1.0	−1.3	30	−2	16	−1	58	−7	0	0	—	—
	MINYA	1016.6	—	—	N	2	0	20.0	−1.5	−2.6	28	−2	15	−3	77	+2	—	—	—	—
	ASYUT	1015.9	−1.6	+2.1	W	2	0	22.0	−0.[illegible]	−0.7	29	−2	18	−1	65	−1	0	0	—	—
	QENA	1014.6	−0.6	—	WNW	2	0	23.3	−1.8	−3.2	35	−1	19	0	64	+9	—	—	—	—
	KHARGA	1014.2	−1.8	—	N	2	0	25.0	−0.9	—	33	—	19	—	40	—	0	0	—	—
	ASWAN	1013.3	−0.6	+1.4	—	0	0	25.8	+0.4	−1.5	35	−3	22	0	37	−2	—	—	—	—
FRONTIER SUDAN	WADI HALFA	1012.3	−1.6	+0.1	N	2	0	23.8	−1.2	−2.0	36	−2	20	−1	37	+2	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1008.4	−0.3	−0.5	NE	2	1	30.6	−0.7	+1.1	42	+3	26	+2	20	−21	0	0	0	—
EAST SUDAN	PORT SUDAN	1011.1	—	+0.6	N	3	0	31.7	+0.3	+0.1	38	+3	27	+2	61	+2	0	0	1	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1008.7	+2.4	−2.0	SSW	1	2	25.0	−4.0	−0.1	37	+2	23	+3	84	+10	0	0	3	—
SOUTH SUDAN	EL FASHER																			—
	EL OBEID																			—
	MALAKAL	1012.0	+2.0	+0.8	SSE	1	2	25.0	−3.0	−1.0	32	−1	20	−2	79	+1	6	6	8	—
	WAU																			—
	JUBA	1014.0	+3.8	—	N	2	4	25.5	−2.5	—	35	—	21	—	79	—	0	0	9	—

TEMP F C: 120 110 100 90 80 70 60 50 40 30 27

PRESS Mm Mb: 775 770 765 — 995 990

Upper Wind Observations at Helwan at h. m 8.30

Height (metres)	Kms an hour	Direction
500	35	E
1000	20	NE
1500	40	NE
2000	30	NE
3000	35	N

General Situation

The depression is now situated between Tripoli and Benghazi and pressure to the west of Egypt is slowly falling.

الحالة العمومية

يوجد الانخفاض الآن بين طرابلس وبنغازي والضغط آخذ في الهبوط ببطء في الجهة الغربية لمصر.

Forecast for 24 hours from noon to-day.

Moderate to fresh winds chiefly southerly on the coast and easterly inland. Occasional medium or high cloud. Becoming warmer.

توقعات للنشر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين المعتدلة والنسيم اكثرها جنوبية على الساحل وشرقية في الداخل - يظهر بعض السحاب المتوسط الارتفاع او العالي احيانا - ترتفع درجة الحرارة.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	61	−7	18.6	−1.3
Ezbekiya	57	−8	17.9	−2.5
Giza	67	−1	17.8	—
Helwan	52	−2	16.8	−1.1

NOTE A dash means that figures are not available

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
4.10	7032	5694
3.10	7196	5731

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m	m.
Juba	3.10	13.94	+0.21	14.26	+0.53
Nasser	3.10	10.40	−0.04	10.39	−0.04
Malakal	3.10	12.12	−0.06	12.12	−0.05
Roseires	3.10	17.05	−0.15	17.00	−0.30
Sennar Res.	3.10	17.20	—	17.20	—
Makwar	3.10	4.29	−1.21	4.30	−1.31
Khartoum	4.10	14.54	−0.32	12.66	−0.27
Kh. el Girba	1.10	12.10	−0.25	12.10	−0.24
Atbara	4.10	13.80	−0.11	13.94	−0.05
Wadi Halfa	4.10	7.10	+0.25	7.20	+0.30
Aswan Res.	4.10	98.51	—	98.57	—
" D.S.	4.10	91.57	+0.41	91.64	+0.41
El Leithi	3.10	22.13	−0.34	22.13	−0.37
Roda (Cairo)	4.10	19.16	−0.36	19.12	−0.35

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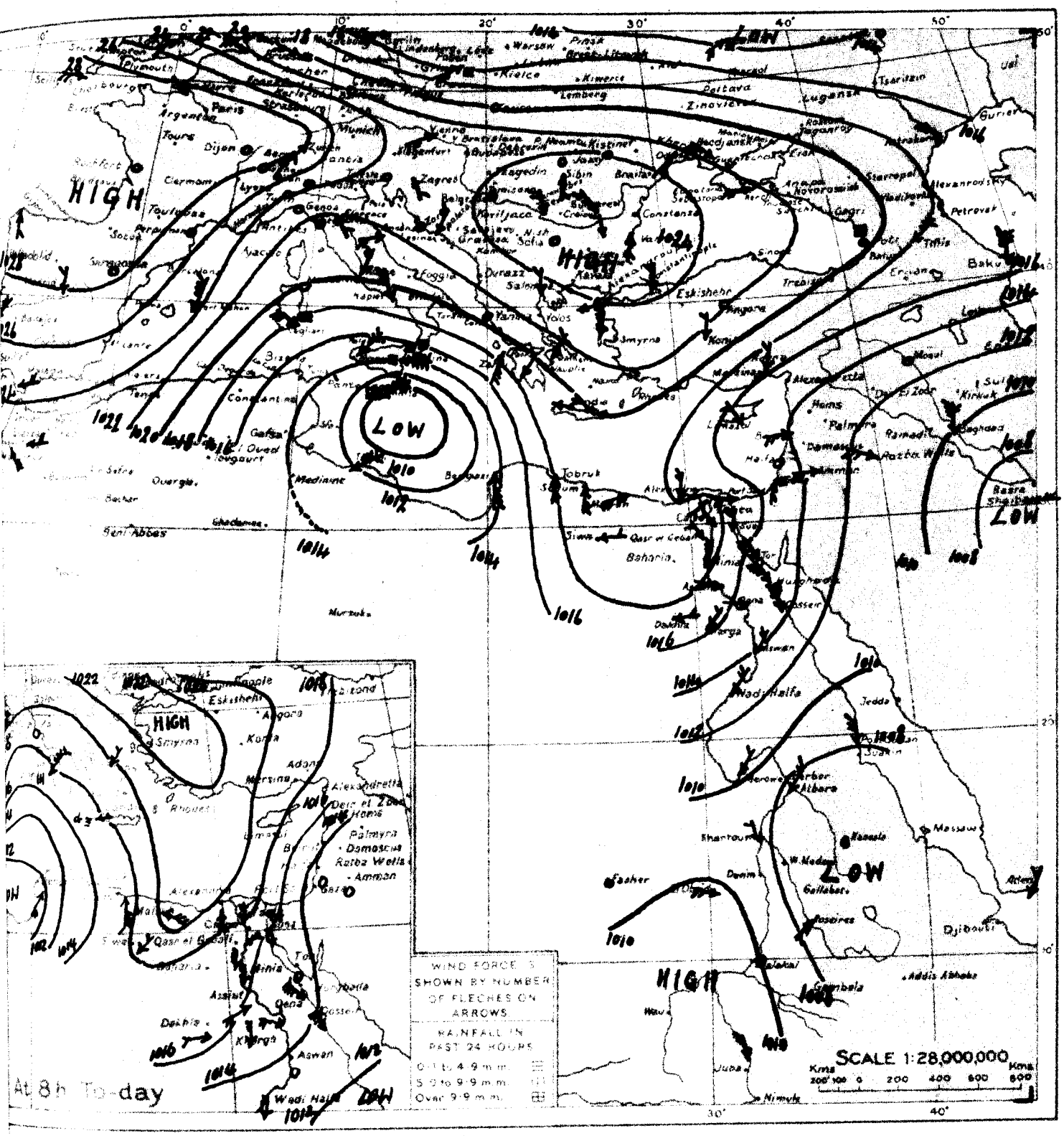
PHYSICAL DEPARTMENT.

REPORT.

٣-١٠-٣١. Barometer and Wind at 8 h. Yesterday 3.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣-١٠-٣١. From Observations taken at 8 h. yesterday. 3.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1020.8	+0.9	+4.9	NE	2	0	14	-1	—	24	—	11	—	60	—	—	—	8	—
	MALTA	1009.0	-7.4	-8.6	ENE	6	9	20	-1	—	22	-4	17	-2	90	—	36	36	4	4
	ATHENS	1021.5	+1.1	+5.1	NE	2	3	16	-1	—	—	—	—	—	50	—	—	—	3	
	CANDIA	1020.0	+0.9	+2.9	NW	2	3	20	-1	—	24	0	13	-5	—	—	0	3	2	2
	LIMASSOL	1014.6	+4.3	+0.7	NW	1	0	23	0		26	-2	14	-3	—	—	0	1	1	1
EGYPT and SUDAN	Merowe	1010.3	+0.9	+0.2	NE	1	0	32.0	-1.5	+0.8	44	+3	26	+2	21	-7	0	0	0	—
	Kassala	1007.2	-1.8	-3.9		0	0	32.5	+2.0	+3.4	34	0	25	+2	47	+1	0	0	1	—
	El Obeid	1010.6	+0.6	-0.6	WNW	2	2	31.0	+3.0	+3.5	32	0	20	-1	52	-3	0	0	1	—
	Juba	1010.2	-1.2	—	NNW	2	0	28.0	+3.0	—	34	—	21	—	70	—	0	0	2	

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 51 m

" " sunset 17 h 36 m

From Observations taken at 8 h. to-day.

Monday 5th October, 1931 ١٩٣١ الاثنين ٥ اكتوبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1013.8	−2.6	−2.4	WSW	2	0	21.1	−0.3	−2.4	31	—	18	—	74	+4	drops	drops	1	1
	MATRUH	1013.3	−6.9	−2.4	WSW	1	0	22.2	+1.0	−1.2	28	+1	20	+1	71	−3	0	10	3	1
	ALEXANDRIA	1013.1	−5.3	−2.7	SSE	4	1	22.0	−2.2	−2.3	31	+2	20	−1	80	+10	0	0	1	2
	PORT SAID	1013.9	−3.9	+0.2	SE	4	0	25.1	0.0	−0.2	29	0	23	+1	77	+8	0	7	0	2
	GAZA	—	—	—	—	0	0	24.6	−0.2	−0.4	29	0	17	−1	57	−11	0	2	1	—
	HAIFA	1013.1	—	+0.5	SSE	1	0	27.2	−1.7	+0.6	31	+1	23	+4	72	+7	0	0	2	3
LOWER EGYPT	TANTA	1013.6	−4.3	—	N	1	0	23.0	+0.5	—	31	—	19	—	73	—	0	0	—	—
	CAIRO: EZBEKIYA	1013.3	−3.9	−1.5	WSW	1	0	22.2	+2.2	+0.8	32	+1	19	+1	76	−2	0	6	0	—
	CAIRO: GIZA	1013.3	−4.5	−1.6	—	0	0	22.0	+1.9	—	31	+1	17	+1	81	—	0	4	0	—
	CAIRO: HELWAN	1013.4	−3.2	−1.7	—	0	0	23.5	+0.6	+1.3	32	+2	21	+2	62	−4	0	2	0	—
	SIWA	1015.5	−3.2	+0.3	—	0	0	24.8	+2.7	+3.3	35	+2	16	0	43	−19	0	0	0	—
RED SEA	SUEZ	1011.9	−3.7	−2.4	N	1	0	22.8	+0.3	0.0	32	0	19	−1	72	−5	0	0	1	0
	TOR	1012.8	−1.6	+0.5	—	0	0	25.0	+0.1	−0.7	30	0	17	−3	44	+14	0	0	0	0
	HURGHADA	1012.2	−2.5	—	NW	5	0	27.0	+1.5	—	31	—	18	—	84		0	0	—	3
	QOSSEIR	1012.3	−1.2	—	NW	5	0	29.2	+2.0	—	31	—	24	—	31		0	0	—	5
UPPER EGYPT	GEBAL	1014.6	−2.4	0.0	NW	1	0	23.2	+1.2	0.0	34	+2	18	+1	72	+7	0	0	—	—
	MINYA	1013.5	−3.1	—	NNE	2	0	21.5	+1.5	−1.0	32	+2	16	−2	80	+5	—	—	—	—
	ASYUT	1013.6	−2.3	−0.3	W	2	0	23.0	+1.0	+0.3	31	0	20	+1	66	0	0	0	—	—
	QENA	1012.7	−1.9	—	NNW	1	0	24.9	+1.6	−1.4	36	0	21	+2	42	−13	—	—	—	—
	KHARGA	1012.2	−2.0	—	—	0	0	25.7	+0.7	—	36	—	16	—	44		0	0	—	—
	ASWAN	1011.8	−1.5	−0.2	—	0	0	27.4	+1.6	+0.2	37	−1	22	0	37	−2	—	—	—	—
SUDAN	WADI HALFA	1010.0	−2.3	−2.3	N	1	0	26.6	+2.8	+0.9	38	+1	22	+2	35	0	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1008.2	−0.2	−0.7	S	2	0	30.0	−0.6	+0.5	41	+2	26	+2	55	+15	0	0	1	—
	PORT SUDAN	1010.2	−0.9	−0.4	NE	2	0	31.4	−0.3	−0.1	35	0	27	+2	55	−5	0	0	1	2
EASTERN SUDAN	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1008.7	0.0	−2.0	SSW	2	0	26.5	+1.5	+1.3	36	+1	22	+2	80	+7	0	0	4	—
CENTRAL SUDAN	EL FASHER	1008.4	−0.9	—	WNW	1	1	26.0	+2.5	+0.9	37	+1	18	−1	42	0	0	0	1	—
	EL OBEID	1009.1	−0.3	−2.1	WNW	2	0	28.5	+1.0	+1.0	37	+1	21	0	58	+4	0	0	2	—
	MALAKAL																			—
	WAU																			—
	JUBA	1012.4	−1.6	—	N	1	4	25.8	+0.3	—	32	—	22	—	82	—	0	0	12	—

Upper Air Observations at noon at 8.30 p.m.

Height (metres)	Speed (knots per hour)	Direction
500	20	SE
1000	5	NE
1500	5	WNW
2000	10	S
3000	20	W

General Situation

The depression which has partly filled up is now situated off Alexandria. The pressure over central Mediterranean has risen.

الحالة الجوية

يقع الآن الانخفاض الذي امتلأ بعض بالقرب من الاسكندرية وقد ارتفع الضغط على اوساط البحر الابيض.

Forecast for 24 hours from noon to-day.

Light to moderate southerly winds, veering to the northwest tomorrow. Clear at first, low cloud developing later. Possibility of light showers in northern Egypt tomorrow. Changeable.

Further outlook:— Cooler.

توقعات الطقس محصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح جنوبية خفيفة والمعتدلة تتحول الى الشمال الغربي غدا. الجو صحو في البداية ثم يتكون السحاب المنخفض فيما بعد. يحتمل ان تمطر خفيفا على شمال مصر. والطقس متقلب. واذا نظرنا بعيدا فالجو سيبرد.

M.H.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	70	+2	21.5	+1.7
Ezbekiya	61	−4	19.2	−1.1
Giza	65	−3	19.3	—
Helwan	52	−2	18.3	+0.5

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
5.10	6828	5579
4.10	7032	5694

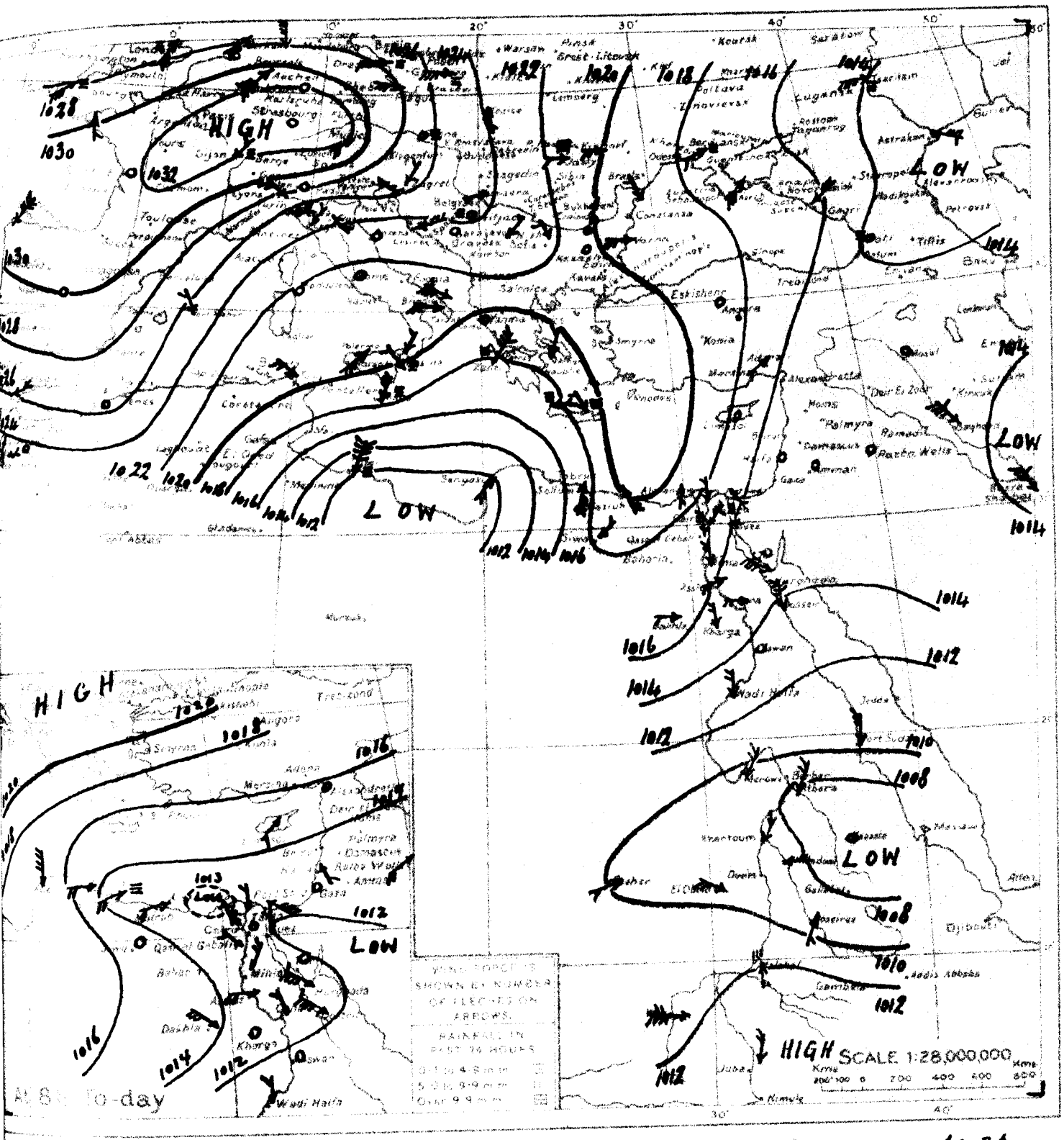
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff.
	1931	m.	m.	m.	
Juba	4.10	14.19	+0.45	13.94	+0.21
Nasser	4.10	10.43	−0.02	10.40	−0.04
Malakal	4.10	12.19	−0.07	12.12	−0.06
Roseires	5.10	16.81	−0.14	16.67	−0.33
Sennar Res.	4.10	17.20	—	17.20	—
Makwar	4.10	9.30	−1.08	9.29	−1.21
Khartoum	4.10	14.54	−0.32	14.66	−0.27
Kh. el Girbai	3.10	11.96	−0.28	12.00	−0.30
Atbara	5.10	13.70	−0.15	13.80	−0.11
Wadi Halfa	5.10	7.01	+0.21	7.10	+0.25
Aswan Res.	5.10	98.41	—	98.51	—
" D.S.	5.10	91.44	+0.32	91.57	+0.41
El Leithi	5.10	22.21	−0.12	22.10	−0.15
Roda (Cairo)	5.10	18.18	−0.26	18.16	−0.30

PRINTED AT THE SURVEY OF EGYPT 1929 (29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٤-١٠-٣١ Barometer and Wind at 8 h. Yesterday 4. 10. 31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤-١٠-٣١ From Observations taken at 8 h yesterday 4. 10. 31

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		in h.	in h.	in h.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.8	+1.0	+5.9	—	0	0	15	+1	—	25	—	11	—	70	—	—	—	11	—
	MALTA	1019.4	+10.4	+1.8	NNE	3	1	21	+1	—	—	—	18	−1	70	—	2	38	7	4
	ATHENS	1019.5	−2.0	+3.1	NNE	1	2	17	+1	—	—	—	—	—	50	—	—	—	4	—
	CANDIA	1019.2	−0.8	+2.0	NW	1	4	17	−3	—	22	−2	15	−3	—	—	1	4	4	1
	LIMASSOL	1017.0	+2.4	+3.0	—	0	0	25	+2		29	−1	15	−2	—	—	0	1	2	1
EGYPT and SUDAN	Merowe Sy	1009.9	−0.4	−0.2	NE	2	0	30.0	−2.0	−1.1	43	+2	25	+1	25	−3	0	0	0	—
	Atbara	1007.6	+0.1	−1.6	NE	2	0	33.0	−1.0	+1.2	41	+1	26	+1	21	−3	0	0	1	—
	Kassala	1007.2	0.0	−3.9	—	0	0	34.0	+1.5	+3.8	38	0	24	+1	40	−6	0	0	1	—
	Wad Medani	1008.0	+1.1	−0.4	E	2	0	32.5	−0.5	+0.1	41	+3	23	+1	64	+7	0	0	1	—
	El Fasher	1009.5	−0.5	—	WSW	1	1	23.5	−1.0	−1.6	39	+3	20	+1	59	+16	0	0	2	—
	El Obeid	1009.4	−1.2	−1.8	WNW	2	4	27.5	−3.5	0.0	37	+1	22	+1	60	+5	0	0	12	—
	Wau	1010.8	+1.2	+0.2	W	6	3	25.0	−3.0	−0.1	32	−2	21	+1	80	−1	0	0		—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 h 51 m

" " sunset 17 h 35 m

From Observations taken at 8 h. to-day.

Tuesday 6th October, 1931 ١٩٣١ الثلاثاء ٦ أكتوبر

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	SKY	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.1	+5.3	+2.9	NNE	4	3	21.8	+0.7	−1.6	31	—	19	—	67	−3	1	1	1	4
	MATRUH	1016.0	+2.7	+0.2	NNE	6	2	23.4	+1.2	+0.1	32	+5	20	+1	73	−1	0	10	3	7
	ALEXANDRIA	1013.9	+0.8	−2.0	NW	1	2	24.9	+2.9	+0.7	32	+3	22	+1	76	+6	0	0	1	1
	PORT SAID	1013.0	−0.9	−0.8	NW	1	2	26.5	+1.4	+1.3	29	0	22	0	79	+10	0	7	0	1
	GAZA	—	—	—	—	0	1	25.7	+1.1	+0.8	30	+1	19	+1	78	+10	0	2	1	—
	HAIFA	1010.0	−3.1	−2.7	—	0	0	29.5	+2.3	+3.0	29	0	23	+4	64	−1	0	0	3	1
LOWER EGYPT	TANTA	1014.3	+0.7	—	SW	1	0	24.9	+1.9	—	36	—	20	—	77	—	0	0	—	—
	CAIRO EZBEKIYA	1013.8	+0.5	−1.1	NNW	2	3	22.9	+0.7	+1.6	38	+7	21	+3	90	+12	0	6	0	—
	GIZA	1014.0	+0.7	−1.0	NNW	2	3	23.0	+1.0	—	39	+9	20	+4	92	—	0	4	0	—
	HELWAN	1013.8	+0.4	−1.4	NNW	3	4	21.8	−1.7	−0.4	38	+8	21	+2	95	+29	0	6	0	—
	SIWA	1017.6	+2.1	+2.3	NNW	1	4	22.8	−2.0	+1.4	32	−1	17	+1	73	+11	0	0	0	—
RED SEA	SUEZ	1011.2	−0.7	−3.2	N	3	0	24.5	+1.7	+1.8	36	+4	22	+2	76	−1	0	0	1	3
	TOR	1011.2	−1.6	−1.2	—	0	0	27.2	+2.2	+1.6	31	+1	18	−2	39	−31	0	0	0	0
	HURGHADA	1011.0	−1.2		NW	4	0	31.4	+4.4	—	33	—	19	—	63	—	0	0	—	2
	QOSSEIR	1011.0	−1.3	—	NNW	2	0	31.2	+2.0	—	32	—	25	—	33	—	0	0	—	2
UPPER EGYPT	OSBAIT	1014.8	+0.2	+0.1	NW	1	0	24.8	+1.6	+1.7	37	+5	20	+3	69	+4	0	0	—	—
	MINIA	1013.6	+0.1	—	NNE	2	0	23.5	+2.0	+1.1	35	+5	19	+1	61	−14	—	—	—	—
	ASYUT	1013.9	+0.3	−0.1	WNW	2	0	25.4	+2.4	+2.8	36	+5	22	+3	57	−9	0	0	—	—
	SOHAG	1011.9	−0.8	—	NW	2	0	25.5	+0.6	−0.7	40	+4	21	+2	60	+5	—	—	—	—
	KHARGA	1012.3	+0.1	—	NNW	2	0	29.6	+3.9	—	39	—	19	—	31	—	0	0	—	—
	ASWAN	1010.8	−1.0	−1.3	—	0	0	29.3	+1.9	+2.2	41	+3	24	+2	22	−17	—	—	—	—
NILE VALLEY	WADI HALFA	1009.5	−0.5	−2.9	NNE	1	0	26.8	+0.2	+1.2	41	+4	22	+2	40	+5	—	—	—	—
	WADI RAYAN	1008.2	−0.1	−2.0	NE	1	0	31.5	−1.0	+0.6	44	+3	25	+1	21	−8	0	0	0	—
	KHARTOUM	1008.3	+0.8	−1.0	ESE	2	0	32.0	−1.0	+0.3	40	0	27	+3	28	+4	0	0	0	—
	KASSALA	1008.3	+0.1	−0.6	SSW	2	0	31.5	+1.5	+2.0	41	+2	27	+3	48	+9	0	0	1	—
SUDAN	PORT SUDAN	1010.2	0.0	−0.6	N	2	1	31.3	−0.1	−0.1	38	+3	26	+1	71	+11	0	0	2	2
	SOKOTA																			
	KAR MEDAWI																			
EQUATORIAL PROVINCES	FASHODA	1007.5	−1.2	−3.1	SW	1	0	26.5	0.0	+1.3	36	+1	22	+2	80	+7	0	0	5	—
	EL OBEID	1007.5	−0.9		WNW	1	0	25.5	−0.5	+0.4	40	+4	18	−1	45	+4	0	0	1	—
	MALAKAL	1008.7	−2.7	−2.5	—	0	0	27.8	+1.3	+1.8	32	−2	24	+2	78	0	0	6	13	—
	WAU																			
	JUBA																			

Upper Air Observations at 9.30 h. m.

Height	Temp.	Direction
500	25	NNW
1000	20	NNW
1500	20	WSW
2000	45	WSW
3000		

General Situation

The small depression off Alexandria continues to fill up and pressure continues to rise over the central Mediterranean and the west.

الحالة العمومية

لا يزال الانخفاض الصغير الموجود بالقرب من الاسكندرية آخذ في الامتلاء ولا يزال الضغط يرتفع فوق الوسط البحر الابيض وبالجهة الغربية .

Forecast for 24 hours from noon to-day.

Light to moderate winds northerly on the coast and chiefly northwesterly inland; freshening.
Much low cloud at times.
Possibility of showers in the north.
Cooler.

توقعات الطقس حصولها للطقس من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة شمالية على الساحل واكثرها شمالية غربية في الداخل تزداد شدة
يكثر السحاب المنخفض احيانا . ويحتمل تساقط رذاذ في الشمال
الطقس أميل للبرودة .

STATION	Humidity Mean of Day: Yester day	Humidity: Diff from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb Temperature: Diff from normal
	%	%	°C	°C
Alexandria	74	+6	22.3	+2.5
Ezbekiya	65	0	20.8	+0.6
Giza	72	+4	21.2	—
Helwan	42	−12	19.6	+1.8

NOTE A dash means that figures are not available

Terms of Subscription. By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
5.10	6828	5579
4.10	7032	5694

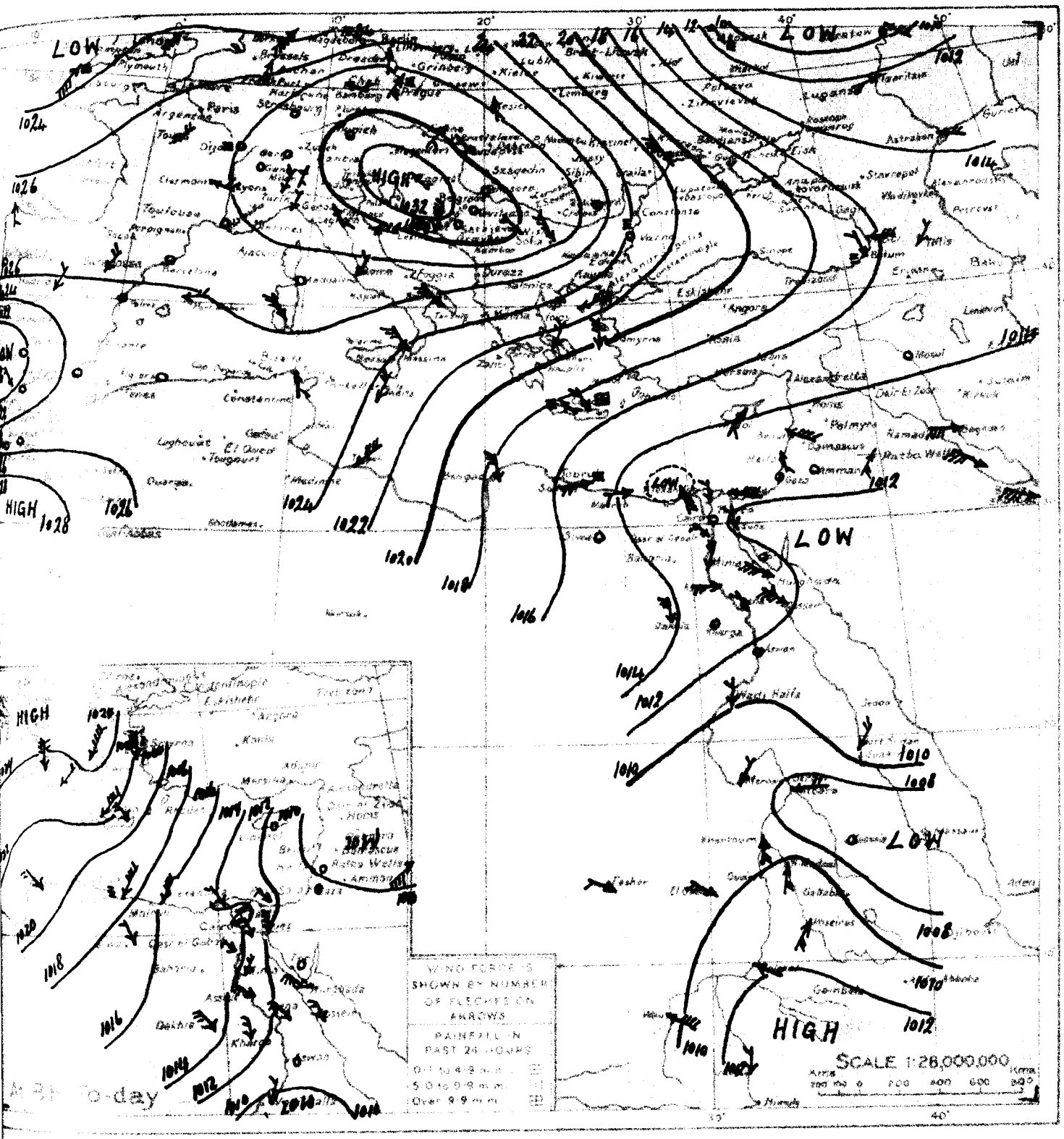
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	5.10	14.22	+0.47	14.19	+0.45
Nasser	5.10	10.44	−0.02	10.43	−0.02
Malakal	6.10	12.12	−0.08	12.13	−0.07
Roseires	6.10	16.81	−0.10	16.81	−0.19
Sennar Res.	5.10	17.20	—	17.20	—
Makwar	5.10	9.15	−1.11	9.38	−1.08
Khartoum	6.10	14.48	−0.27	14.52	−0.28
Kh. el Girba	5.10	11.97	−0.12	11.96	−0.20
Atbara	6.10	13.60	−0.20	13.70	−0.15
Wadi Halfa	6.10	6.93	+0.18	7.61	+0.21
Aswan Res.	5.10	98.41	—	98.51	—
" D.S.	5.10	91.44	+0.32	91.57	+0.41
El Leithi	6.10	22.21	−0.10	22.27	−0.12
Roda (Cairo)	6.10	13.14	−0.25	13.18	−0.26

PRINTED AT THE SURVEY OF EGYPT 1929(29/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٠-٥ Barometer and Wind at 8 h. Yesterday 5.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١٠-٥ From Observations taken at 8 h yesterday. 5.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1026.6	+4.8	+10.8	NE	1	0	17	+2	—	25	—	13	—	60	—	—	—	15	—
	MALTA	1022.8	+3.4	+5.2	NE	2	0	21	0	—	22	−4	17	−2	70	—	0	38	9	2
	ATHENS	1020.8	+1.3	+4.2	NNE	3	2	18	+1	—	—	—	—	—	60	—	—	—	5	—
	CANDIA	1017.5	−1.7	+0.1	NW	2	4	18	+1	—	22	−2	15	−3	—	—	12	16	5	5
	LIMASSOL	1014.2	−2.8	0.0	SW	1	1	25	0		28	−2	16	−1	—	—	0	1	3	2
EGYPT and SUDAN	Merowe	1008.3	−1.6	−1.9	NE	1	0	32.5	+2.5	+1.5	45	+4	25	+1	24	−4	0	0	0	—
	Atbara	1007.5	−0.1	−1.7	E	2	0	33.0	0.0	+1.2	41	+1	27	+3	30	+6	0	0	0	—
	Kassala	1007.2	0.0	−2.9	—	0	0	33.5	−0.5	+3.2	38	0	24	+1	38	−8	0	0	1	—
	Wad Medani	1010.4	+1.4	+0.2	S	2	0	29.0	+0.5	+0.5	40	+2	23	+1	58	+2	0	0	2	—
	Malakal	1011.4	−0.6	+0.2	SE	1	3	26.5	+1.5	+0.5	35	+2	23	+1	80	+2	0	6	10	—
	Wau				ESE	4	1	28.0	+3.0	+2.9	31	−3	23	+3	73	−8	0	0	16	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 52

" " sunset 17 34

From Observations taken at 8h. to-day.

Wednesday 7th October, 1931 — ١٩٣١ الأربعاء ٧ أكتوبر

STATION	Barometer Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff. from normal	Max. Temp.	Min. Temp.	Diff. from normal	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Past 24 hours	Since 1st Oct.	Normal to 1st Oct.	Excess since 1st Oct.	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	mm	
SOLLUM	1020.2	+1.1	+3.9	N	4	3	20.3	−1.5	−3.0	25		17		58	−14	0	1	1	3	
MATRUH	1018.0	+2.0	+2.1	NE	4	2	22.2	−1.2	−1.0	25	−2	21	+2	66	−8	0	10	4	5	
ALEXANDRIA	1017.1	+3.2	+1.1	N	1	2	23.2	−1.7	−1.0	28	−1	22	+1	72	+2	drops	drops	1	1	
PORT SAID	1015.0	+2.0	+1.1	ENE	4	2	26.1	−0.4	+1.0	31	+2	23	+2	60	−9	0	7	1	3	
GAZA	—	—	—	—	0	0	26.1	+0.4	+1.3	29	0	19	+1	63	−5	0	2	2		
JAFFA	1012.7	+2.7	−0.1	ENE	1	0	27.3	−2.2	+0.9	31	+2	20	+2	51	−14	0	0	3	1	
[illegible]	1016.4	+2.1		NW	1	3	22.5	−2.4		32		18		72		0	0			
[illegible]	1015.5	+1.7	+0.5	N	3	3	22.3	−0.6	+1.1	31	0	20	+2	72	−6	0	6	0		
[illegible]	1015.5	+1.5	+0.5	N	3	0	22.9	−0.7	—	32	+2	19	+3	71	—	0	4	0		
[illegible]	1015.4	+1.6	+0.1	N	3	0	22.0	+0.2	−0.1	31	+1	20	+2	68	+2	0	6	0		
[illegible]	1019.9	+2.3	+4.5	—	0	0	19.5	−3.3	−1.9	31	−2	16	0	70	+8	0	0	0		
[illegible]	1013.3	+2.1	−1.1	N	4	1	24.0	−0.5	+1.4	32	0	22	+2	77	0	0	0	1	4	
[illegible]	1011.5	+0.3	−1.0	N	4	0	26.8	−0.4	+1.3	35	+5	23	+3	71	+1	0	0	0	4	
KHARTOUM	1011.0	0.0		NW	4	0	27.9	−3.5		34		23		82		0	0		2	
DONGOLA	1010.2	−0.8		NW	7	0	28.2	−3.0		33		27		65		0	0		7	
[illegible]	1016.3	+1.5	+1.5	NW	3	0	23.6	−1.2	+0.6	32	+1	20	+3	62	−2	0	0			
[illegible]	1013.6	0.0		NNE	3	0	22.5	−1.0	+0.2	31	+1	19	+1	74	−1					
[illegible]	1014.8	+0.9	+0.7	NNW	3	0	22.7	−2.7	+0.2	33	+2	22	+3	75	+9	0	0			
[illegible]	1011.6	−0.3		WSW	3	0	25.8	+0.3	−0.3	38	+2	23	+4	64	+9					
[illegible]	1013.3	+1.0		NNE	2	0	23.8	−5.8		37		21		67		0	0			
[illegible]	1010.0	−0.8	−2.2	NNE	3	0	28.0	−1.3	+1.0	42	+4	26	+4	39	0					
[illegible]	1009.1	−0.4	−3.3	NNW	4	0	27.4	+0.6	+1.9	42	+5	24	+4	43	+8					
[illegible]	1007.6	−0.7	−1.7	NE	2	0	33.0	+1.0	+1.4	41	+1	26	+2	21	−3	0	0	0		
[illegible]	1006.4	−1.9	−2.5	SW	2	2	32.2	+0.7	+2.7	41	+2	27	+3	41	+3	0	0	1		
[illegible]	1008.2	−2.0	−2.7	W	2	2	31.3	0.0	0.0	39	+5	25	0	73	+12	0	0	2	2	
[illegible]	1004.8	−2.7	−5.8	WSW	1	0	28.5	+2.0	+3.2	37	+2	23	+3	67	−6	0	0	6		
[illegible]	1006.2	−1.3		WSW	1	0	26.0	+0.5	+0.9	41	+5	19	0	36	−5	0	0	2		
[illegible]	1007.8	−0.9	−3.4	—	0	1	28.3	+0.5	+2.2	35	+1	24	+2	72	−6	0	6	15		
[illegible]	1007.0	−0.7	−3.5	S	7	0	28.0	−0.4	+2.9	37	+3	22	+2	67	−14	0	0	25		
[illegible]	1009.5	−1.2		W	4	1	26.8	+0.8		35		21		73		0	0	18		

General Situation

8.30 The pressure over Egypt has risen. The high pressure system over the central Mediterranean is maintained.

الحالة العامة

ارتفع الضغط على مصر ولا تزال منطقة الضغط المرتفع على اواسط البحر الابيض محافظة لكيانها.

[illegible]	40	N
[illegible]	45	NNE
[illegible]	10	ENE

Forecast for 24 hours from noon to-day.

Moderate to fresh northerly winds. Much low cloud at times. Light showers on the coast and probably inland. Temperature below normal.

M.H.

[illegible] الظاهرة وفاق التقدير من ظهر اليوم الى ظهر غد

رياح شمالية ما بين المعتدلة والنسيم - يكثر السحاب المنخفض احيانا - ومطر خفيفا على الساحل ويحتمل الامطار في الداخل - درجة الحرارة دون المعدل.

STATION	Humidity Mean of Day Yester day	Diff. from normal	Wet Bulb Temperature Mean of Day Yester day	Diff. from normal
	%	%	°C	°C
Alexandria	73	+5	21.3	+1.5
Ezbekiya	74	+9	21.4	+1.2
Giza	76	+8	21.6	—
Helwan	76	+22	20.7	+3.0

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³/s per sec. DATE	1931	1930
6.10	6648	5529
5.10	6828	5579

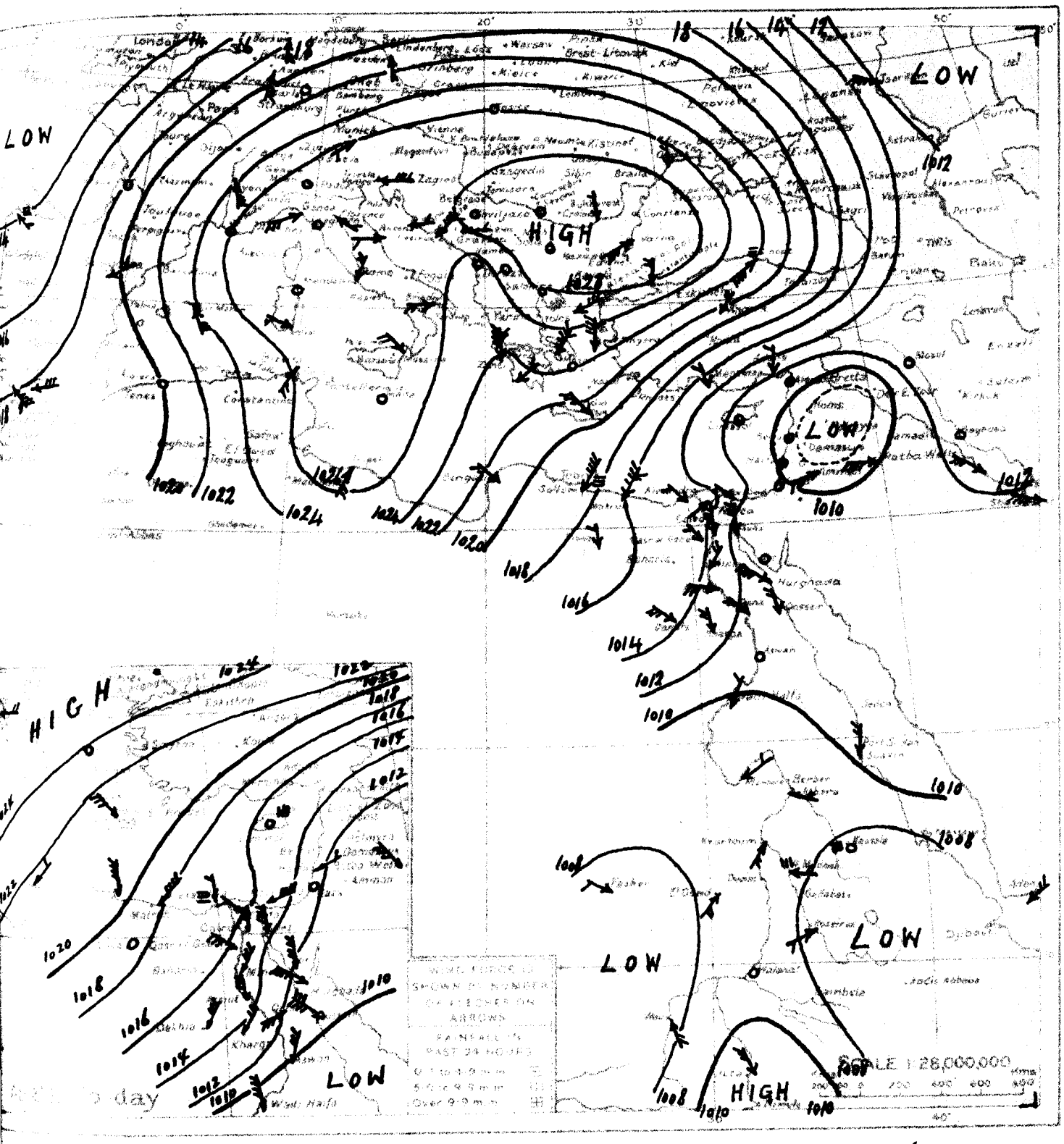
GAUGE	Date 1931	Reading m	Diff. from normal m	Rise Reading m	Rise Diff. m
Juba	6.10	13.18	−0.57	14.22	+0.47
Nasser	6.10	10.45	−0.01	10.44	−0.02
Malakal	6.10	12.12	−0.08	12.13	−0.07
Roseires	7.10	16.94	+0.14	16.81	−0.10
Sennar Res.	6.10	17.19	—	17.20	—
Makwar	6.10	9.00	−1.15	9.15	−1.11
Khartoum	6.10	14.48	−0.27	14.52	−0.28
Kh. el Girba	5.10	11.98	−0.12	11.96	−0.20
Atbara	6.10	13.60	−0.20	13.70	−0.15
Wadi Halfa	7.10	6.83	+0.13	6.93	+0.18
Aswan Res.	6.10	98.33	—	98.41	—
" D.S.	6.10	91.34	+0.27	91.44	+0.32
El Leithi	7.10	22.18	−0.13	22.21	−0.10
Roda (Cairo)	7.10	18.14	−0.22	18.17	−0.25

PRINTED AT THE SURVEY OF EGYPT 1930(33/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٦-١٠-٣١ Barometer and Wind at 8 h. Yesterday 6.10.31.



٦-١٠-٣١ From Observations taken at 8 h. yesterday 6,10.31.

STATION	BAROMETER Reduced to Sea Level	Change in last 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in last 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Rain 24 hours	Total from 8 h. yesterday	Rainfall from 8 h. yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1027.5	+0.9	+11.7	NE	2	1	14	-3	—	24	—	11	—	60	—	—	—	19	—
MALTA	1026.5	+3.7	+8.9	—	0	3	19	-2	—	23	-3	14	-2	70	—	0	38	11	2
ATHENS	1025.0	+4.2	+8.4	NNE	5	2	17	-1	—	—	—	—	—	60	—	—	—	7	—
CANDIA	1021.9	+4.4	+4.4	NW	3	3	19	+1	—	21	-3	17	-1	—	—	0	16	6	5
HOMASSOL	1011.5	-2.7	-2.8	—	0	3	24	-1		27	-2	16	0	—	—	0	1	4	4
Kassala	1006.6	-0.6	-3.5	—	0	0	33.5	0.0	+3.1	38	0	24	+1	40	-6	2	2	2	—
Wad Medani	1008.2	-2.2	-1.4	ESE	2	0	29.0	0.0	+0.5	40	+2	23	+1	61	+5	8	8	2	—
El Obeid	1008.3	-0.8	-2.8	SW	2	1	28.0	-0.5	+0.5	38	+2	22	+1	70	+17	0	0	3	—
Wau	1007.9	—	-2.7	SE	2	0	28.4	+0.4	+3.3	35	+1	22	+2	75	-6	0	0	20	—
Juba	1010.7	-1.7	—	NW	3	0	26.0	+0.2	—	32	—	19	—	70	—	0	0	15	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 52

" " sunset 17 32

From Observations taken at 8 h. to-day.

Thursday 8th October, 1931 ١٩٣١ الخميس ٨ أكتوبر

STATION	Barometer Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1020.6	+0.4	+4.2	NW	2	1	19.2	-1.1	-4.0	23	—	14		67	-3	0	1	2	1
MATRUH	1018.6	+0.6	+2.7	NE	3	2	22.2	0.0	-0.9	24	-3	21	+2	66	-8	0	10	5	3
ALEXANDRIA	1017.6	+0.5	+1.6	N	2	2	23.4	+0.2	-0.7	29	0	22	+1	70	0	0	0	1	2
PORT SAID	1016.8	+1.8	+2.8	ENE	4	0	25.0	-1.1	0.0	28	-1	23	+2	46	-23	0	7	1	3
GAZA	—	—	—	—	0	0	24.4	-1.7	-0.3	28	-1	17	-1	57	-11	0	2	2	
HAIFA	1013.6	+0.9	+0.6	—	0	0	27.8	+0.5	+1.5	30	+1	23	+5	70	+5	0	0	4	1
TANTA	1016.6	+0.2		N	1	1	23.5	+1.0	—	30	—	18	—	57	—	0	0	—	—
EZBEKIYA	1016.0	+0.5	+0.9	N	2	0	21.4	-0.9	+0.3	31	0	18	0	74	-4	0	6	0	—
GIZA	1016.8	+0.8	+1.2	N	2	0	22.2	-0.7	—	30	0	17	+1	68	—	0	4	0	—
HELWAN	1017.4	+2.0	+2.0	NNE	4	0	23.4	+1.4	+1.4	30	0	20	+2	48	-18	0	6	0	—
SIWA	1019.4	-0.5	+3.9	NE	1	0	20.2	+0.7	-1.1	30	-3	15	-1	66	+4	0	0	0	—
SUEZ	1014.2	+0.9	-0.3	N	3	0	23.5	-0.5	+1.0	31	-1	22	+2	59	-18	0	0	1	2
TOR	1011.8	+0.3	-0.9	—	0	0	26.3	-0.5	+0.9	28	-2	19	0	54	-15	0	0	0	3
HURGHADA	1011.8	+0.8		NNW	6	0	26.4	-1.5	—	31	—	22	—	82	—	0	0		4
QOSSEIR	1012.6	+2.4		NNW	6	0	28.3	+0.1	—	31	—	25	—	56		0	0	—	6
KERMA	1016.6	+0.3	+1.8	N	4	0	23.5	-0.1	+0.6	31	0	20	+3	56	-8	0	0		
MINYA	1014.7	+1.1		NNE	3	0	23.5	+1.0	+1.4	29	-1	19	+1	67	-8				
ASSIUT	1014.2	-0.6	0.0	WNW	3	0	22.6	-0.1	+0.1	30	-1	21	+2	68	+2	0	0		
KENA	1012.3	+0.7		WSW	2	0	24.8	-1.0	-1.2	36	0	22	+3	64	+9				
KHARGA	1013.8	+0.5		NW	1	0	24.2	+0.4	—	32	—	18		62		0	0		
ASWAN	1011.2	+1.2	-1.1	NE	2	0	26.5	-1.5	-0.5	38	0	23	+1	44	+4	—	—	—	
WADI HALFA	1011.0	+1.9	-1.5	N	4	0	24.8	-2.6	-0.6	38	+1	22	+2	48	+13	—	—	—	
MALAKAL																			
ATBARA																			
KHARTOUM	1008.6	+2.2	-0.3	WSW	3	1	30.6	-1.6	+1.1	39	0	27	+3	50	+12	0	0	1	
EL FASHER	1009.6	+1.4	-1.4	N	2	1	30.9	-0.4	-0.4	36	+2	27	+2	71	+10	0	0	2	2
KASSALA																			
WAD MEDANI																			
ROSEIRES	1008.8	+4.0	-1.8	WSW	1	1	25.5	-3.0	+0.2	38	+3	21	+1	80	+8	0	0	7	
EL DAMER	1009.0	+2.8		WSW	1	2	26.5	+0.5	+1.4	40	+4	19	+1	53	+13	0	0	2	
EL OBEID																			
MALAKAL																			
WAU																			
JUBA																			

General Situation

Little change has taken place in the pressure distribution since yesterday.

الحالة العمومية

لم يتغير توزيع الضغط منذ البارحه الا قليلاً.

08 30

		Direction
500	25	NNE
1000	35	NE
1500	25	NNE
2000	15	NNE
3000		

Forecast for 24 hours from noon to-day.

Light to moderate winds between northeast and northwest, freshening inland. Occasional low or medium cloud. Temperature about normal.

توقعات ٢٤ ساعة حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين الخفيف والمعتدلة شمالية شرقية وشمالية غربية تزداد شدة نوعاً في الداخل. تظهر بعض السحاب المنخفض أو المتوسط الارتفاع أحياناً ودرجة الحرارة حوالي المعدل

STATION	Humidity Mean of Day		Wet Bulb Temperature Mean of Day	
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	68	0	20.6	+0.9
Ezbekiya	62	-3	20.0	-0.1
Giza	59	-9	20.3	—
Helwan	55	+1	19.1	+1.4

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
7.10	6447	5500
6.10	6648	5529

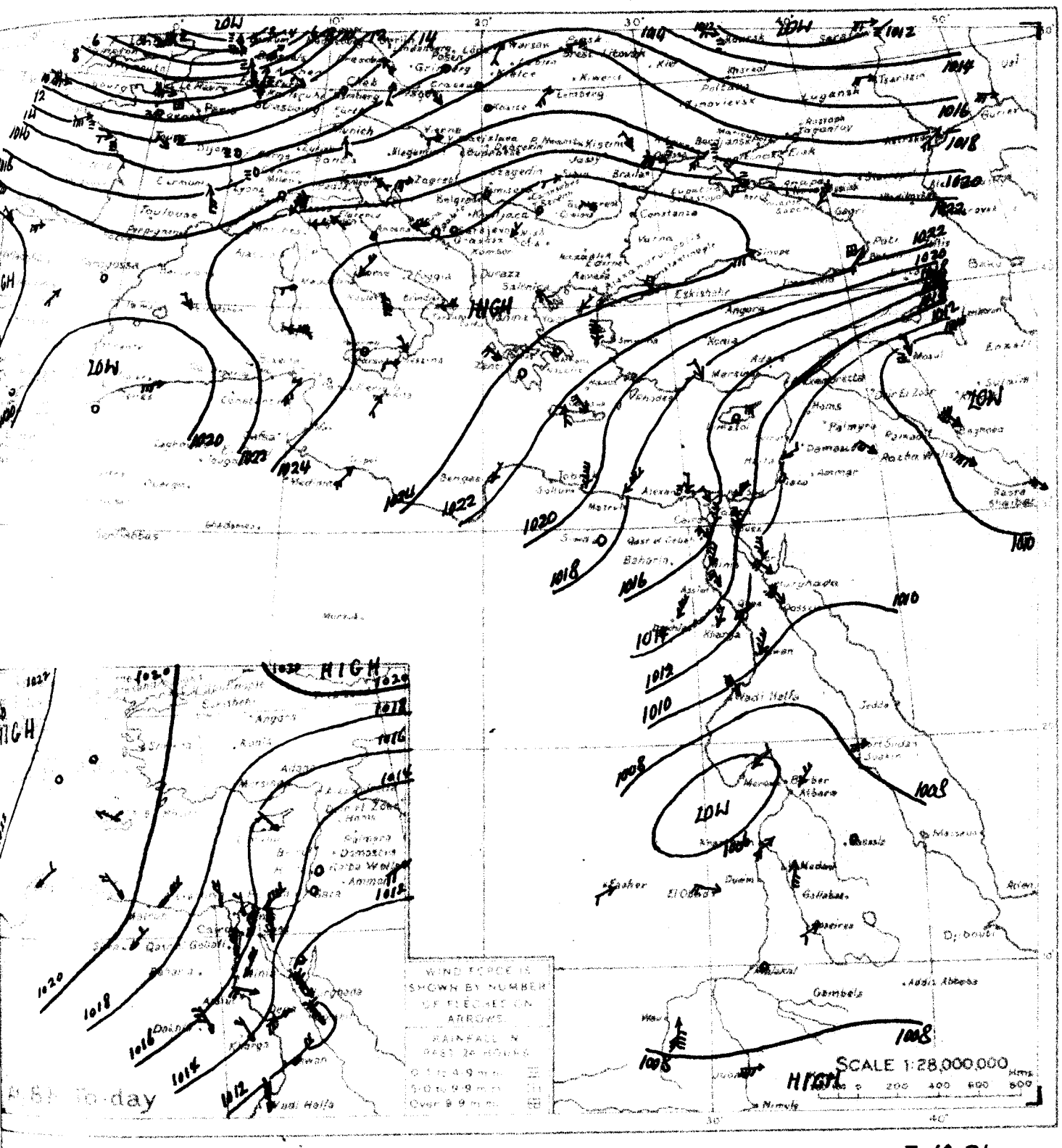
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff.
	1931	m	m	m	m
Juba	7.10	13.60	-0.16	13.18	-0.57
Nasser	7.10	10.46	-0.01	10.45	-0.06
Malakal	7.10	12.12	-0.08	12.12	-0.08
Roseires	8.10	16.75	+0.05	16.94	+0.14
Sennar Res.	7.10	17.20	—	17.19	—
Makwar	7.10	9.08	-0.98	9.00	-1.15
Khartoum	8.10	14.34	-0.27	14.38	-0.30
Kh. el Girba	7.10	11.96	-0.04	11.96	-0.10
Atbara	8.10	13.50	-0.17	13.56	-0.18
Wadi Halfa	8.10	6.70	+0.07	6.83	+0.13
Aswan Res.	7.10	98.22	—	98.33	—
" D.S.	7.10	91.22	+0.19	91.34	+0.27
El Leithi	8.10	22.18	-0.12	22.18	-0.13
Roda (Cairo)	8.10	18.10	-0.26	18.14	-0.26

PRINTED AT THE SURVEY OF EGYPT 1926 (29/550/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ١٠ - ٧ Barometer and Wind at 8 h Yesterday 7.10.31.



WIND VELOCITY	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	above 104	12

STATE OF SKY	
Clear	0
1 Clouded	1
4 Clouded	2
3 Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ١٠ - ٧ From Observations taken at 8 h. yesterday. 7.10.31

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total since 1st Oct. to yesterday	RAINFALL Normal (from Oct. 1 to yesterday)	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1024.7	-2.8	+8.9	NE	2	8	14	0	—	24	—	10	—	90	—	—	—	23	—
	MALTA	1024.2	-2.3	+6.6	SSW	1	0	19	0	—	23	-3	16	-3	60	—	0	38	13	1
	ATHENS	1023.1	-1.9	+6.4	—	0	0	15	-2	—	—	—	—	—	50	—	—	—	8	—
	CANDIA	1021.5	-0.4	+4.0	NW	3	2	21	+2	—	22	-2	18	0	—	—	0	16	7	4
	DJMASSOL	1014.4	+2.9	+0.1	—	0	0	23	-1		29	0	14	-2	—	—	6	7	4	1
EGYPT and SUDAN	Merowe مروى	1005.8	-2.4	-4.5	NE	1	0	33.0	+1.5	+2.1	44	+3	25	+1	12	-17	0	0	0	—
	Kassala كسلا	1006.2	-0.4	-3.9	—	0	0	31.0	-2.5	+0.5	39	+1	24	+1	50	+4	0	2	2	—
	Wad Medani وادي مدني	1007.6	-0.6	-1.9	S	3	0	31.5	+2.5	+2.9	38	-1	23	+1	48	-8	0	8	2	—
	El Obeid الأبيض	1006.8	-1.5	-4.3	WNW	2	0	29.8	+1.8	+2.2	39	+3	22	+1	54	+1	0	0	4	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 53

" " sunset 17 31

From Observations taken at 8h. to-day.

Friday 9th October, 1931 ١٩٣١ الجمعه ٩ أكتوبر

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN SOLLUM	1021.0	+0.4	+4.5	NW	2	0	19.0	-0.2	-4.1	24	—	14	—	77	+7	0	1	2	1
MATRUH	1019.5	+0.9	+3.5	NE	3	0	22.8	+0.6	-0.2	24	-3	21	+3	66	-8	0	10	5	3
ALEXANDRIA	1019.0	+1.4	+2.9	NNE	1	2	22.7	-0.7	-1.3	29	0	21	+1	62	-8	0	0	2	1
PORT SAID	1017.4	+0.6	+3.3	N	3	2	25.1	+0.1	+0.1	29	0	22	+1	63	-6	0	7	1	3
GAZA	—	—	—	—	0	0	24.8	+0.4	+0.2	30	+2	18	0	71	+3	0	2	2	—
HAIFA	1014.0	+0.4	+0.9	—	0	0	28.5	+0.7	+2.3	29	0	19	+1	42	-23	0	0	4	1
LOWER EGYPT TANTA	1018.3	+1.7	—	—	0	1	22.3	-1.2	—	30	—	16	—	63	—	0	0	—	—
EZBEKIYA	1017.0	+1.0	+1.8	NNE	1	0	20.4	-1.0	-0.6	30	-1	17	-1	69	-9	0	6	1	—
GIZA	1017.9	+1.6	+2.7	NNE	1	0	20.6	-1.6	—	29	-1	15	-1	68	—	0	4	1	—
HELWAN	1018.0	+0.6	+2.5	N	4	0	21.2	-2.2	-0.7	30	0	19	+1	57	-9	0	6	0	—
SIWA	1020.6	+1.2	+5.0	—	0	0	19.5	-0.7	-1.7	30	-3	15	-1	72	+10	0	0	0	—
RED SEA SUEZ	1015.9	+1.7	+1.3	N	3	1	22.5	-1.0	+0.1	29	-2	20	0	59	-18	0	0	1	2
TOR	1012.3	+0.5	-0.5	NE	1	0	24.5	-1.8	-0.8	28	-1	19	0	64	-5	0	0	0	0
HURGHADA	1013.6	+1.8		NNW	6	0	25.5	-0.9	—	32	—	23	—	89		0	0		4
QOSSEIR	1013.5	+0.9	—	WNW	7	0	27.2	-1.1	—	31	—	25	—	62	—	0	0	—	7
UPPER EGYPT CERBAD	1018.3	+1.7	+3.4	NW	3	0	22.0	-1.5	-0.8	30	-1	16	-1	58	-8	0	0		
MINIA	1017.9	+3.2		N	3	0	20.0	-3.5	-2.0	29	-1	16	-2	68	-7				
ASSIUT	1017.6	+3.4	+3.4	NNW	3	0	21.0	-1.6	-1.4	32	+1	20	+1	63	-3	0	0		
QENA	1014.6	+2.3		W	3	0	23.9	-0.9	-2.0	36	0	21	+2	67	+12				
KHARGA	1016.2	+2.4		N	2	0	24.2	0.0	—	33	—	20	—	51		0	0		
ASWAN	1013.4	+2.2	+1.0	N	2	0	27.7	+1.2	+0.8	38	0	22	0	35	-5	—	—	—	
SUDAN WADI HALFA	1012.3	+1.3	-0.3	N	3	0	25.0	+0.2	-0.3	36	-1	22	+2	42	+7				
KERMAT	1010.4	+2.4	0.0	NE	1	0	31.5	+1.0	+0.8	44	+3	25	+1	25	-4	0	0	0	
TERIT	1008.6	+1.1	-0.8	S	2	0	30.0	-3.0	-1.5	41	+1	27	+3	36	+12	0	0	0	
KHARTOUM	1010.2	+1.6	+1.3	SSE	2	0	28.5	-2.1	-1.0	39	0	25	+1	62	+25	tr.	tr.	1	
ATBARA	1010.6	+1.0	-0.5	N	1	2	31.1	+0.2	0.0	34	0	28	+3	76	+14	0	0	3	1
GEDAREF	1010.6	+2.2	+0.6	—	0	0	28.0	-2.0	-2.7	38	0	21	-2	60	+15	6	8	3	
WAD MEDANI	1006.8	-3.2	-2.7	E	3	0	29.5	+2.5	+0.9	41	+2	23	+1	55	+1	0	8	3	
KOSTI RES	1008.7	-0.1	-1.8	SW	1	1	27.5	+2.0	+2.2	35	0	23	+3	67	-5	0	0	8	
EL FASHER	1009.3	+0.3		ENE	1	3	26.5	0.0	+1.4	35	-1	20	+2	46	+7	0	0	2	
EL OBEID																			
KASSALA	1012.2	+0.2	+1.1	—	0	2	28.4	+3.9	+2.3	32	-2	24	+3	75	-2	0	6	21	
ASU	1011.2	+0.6	+0.7	NE	3	0	27.4	+4.4	+2.2	32	-2	22	+2	74	-6	0	74	33	
JUBA	1014.0	+1.3		NNW	1	1	26.0	+2.8	—	32	—	19	—	73	—	0	8	24	

Upper Air Observations at Helwan at 8 a.m.

Height	Sky	Direction	Velocity
500			
1000			
1500			
2000			
3000			

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

توقعات الطقس حتى ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	62	-6	19.6	-0.1
Ezbekiya	59	-6	18.4	-1.6
Giza	55	-13	18.6	—
Helwan	42	-12	17.2	-0.4

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
9.10	6158	5328
8.10	6316	5443

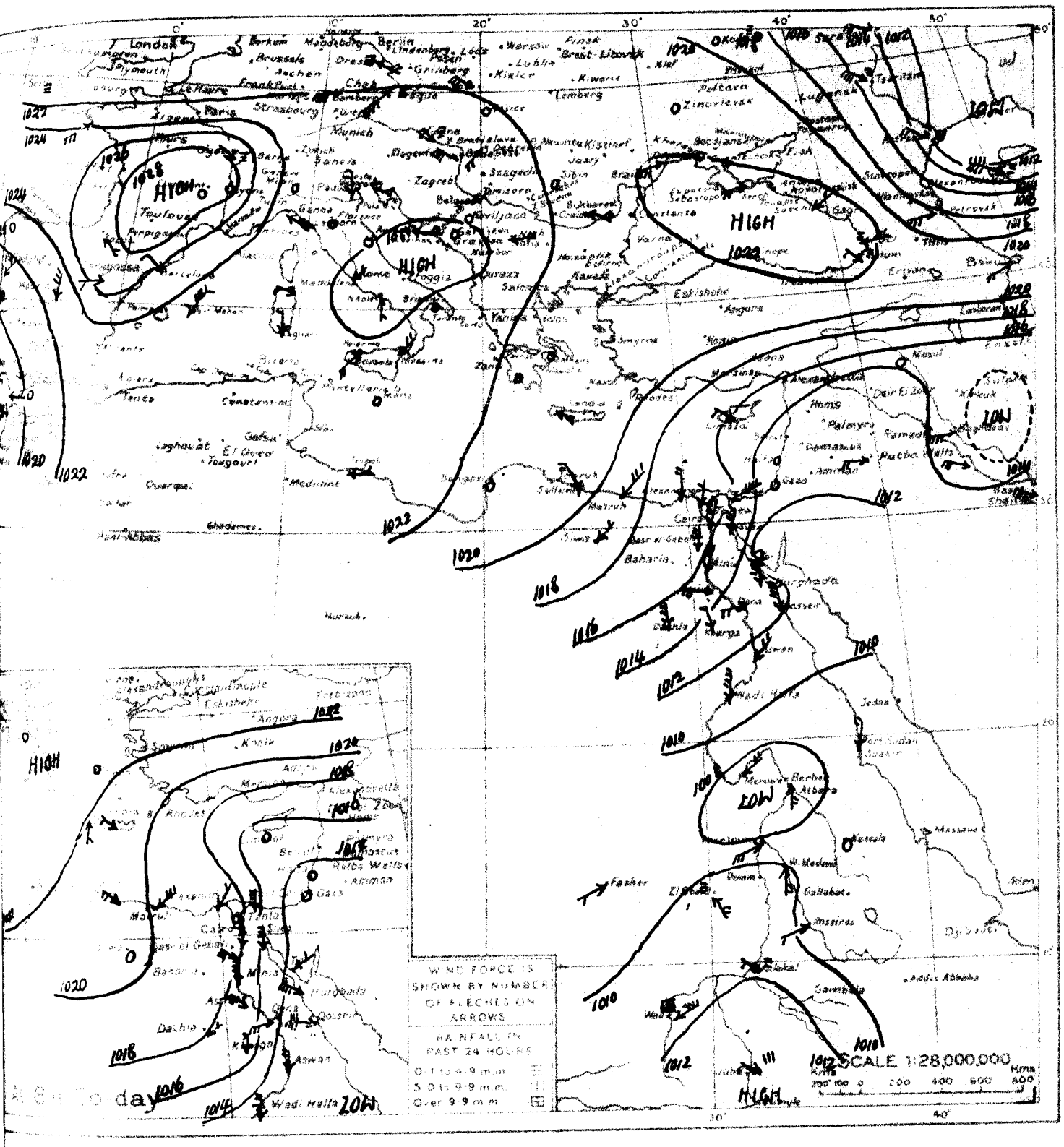
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m.	m	m	m
Juba	9.10	13.92	+0.14	13.62	-0.15
Nasser	9.10	10.48	0.00	10.47	0.00
Malakal	7.10	12.12	-0.08	12.12	-0.08
Roseires	8.10	16.75	+0.05	16.94	+0.14
Sennar Res.	9.10	17.20	—	17.21	—
Makwar	9.10	9.03	-0.86	9.05	-0.92
Khartoum	8.10	14.34	-0.27	14.38	-0.30
Kh. el Girba	7.10	11.96	-0.04	11.96	-0.10
Atbara	8.10	13.50	-0.17	13.56	-0.18
Wadi Halfa	8.10	6.70	+0.07	6.83	+0.13
Aswan Res.	9.10	98.13	—	98.19	—
" D.S.	9.10	91.03	+0.08	91.15	+0.15
El Leithi	8.10	22.18	-0.13	22.18	-0.13
Roda (Cairo)	8.10	18.10	-0.26	18.14	-0.26

PRINTED AT THE SURVEY OF EGYPT 1930(29/6/931) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ١٠ - ٨ Barometer and Wind at 8 h. Yesterday 8.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١- ١٠ - ٨ From Observations taken at 8 h yesterday 8.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1024.6	-0.1	+8.8	NE	1	0	15	+1	—	22	—	11	—	70	—	—	—	27	—
	MALTA	1023.2	-1.0	+5.6	—	0	0	19	0	—	23	-3	16	-3	60	—	0	38	15	0
	ATHENS	1020.8	-2.3	+4.1	—	0	0	20	+5	—	—	—	—	—	50	—	—	—	9	—
	CANDIA	1020.7	-0.8	+3.1	—	1	1	19	-2	—	23	-1	13	-5	—	—	0	16	9	1
	LIMASSOL	1015.2	+0.8	+0.8	NW	1	0	22	-1		28	-1	13	-3	—	—	0	7	5	1
EGYPT and SUDAN	Merowe مروى	1008.0	+2.2	-2.4	NE	2	0	30.5	-2.5	-0.3	42	+1	25	+1	29	0	0	0	0	—
	Atbara عطبرة	1007.5	-0.1	-1.9	S	2	0	33.0	0.0	+1.5	41	+1	26	+2	25	+1	0	0	0	—
	Kassala كسلا	1008.4	+2.3	-1.6	—	0	0	30.0	-1.0	-0.6	40	+2	25	+2	59	+14	0	2	2	—
	Wad Medani	1010.0	+2.4	+0.5	S	2	1	27.0	-4.5	-1.6	40	+1	24	+2	63	+8	0	8	3	—
	El Obeid	1011.2	+4.4	+0.1	SSE	2	4	25.3	-4.5	-2.3	38	+2	21	0	70	+18	1	1	4	—
	Malakal	1012.0	+4.2	+0.8	NW	1	3	24.5	-3.8	-1.6	36	+2	23	+1	77	0	dr.	6	18	—
	Wau	1010.6	+3.6	+0.1	NE	3	2	23.0	-5.0	-2.2	35	+1	20	0	83	+3	74	74	29	—
	Juba	1012.7	+3.2	—	NW	1	3	23.2	-3.6	—	30	—	20	—	94	—	8	8	21	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 54

" " sunset 17 30

From Observations taken at 8 h. to-day.

Saturday 10th October, 1931 ١٩٣١ السبت ١٠ أكتوبر

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
Mediterranean	SOLLUM	1021.5	+0.5	+4.9	NW	2	0	18.7	-0.3	-4.3	25	—	14	—	84	+14	0	1	2	1
	MATRUH	1019.8	+0.3	+3.8	NE	3	0	23.2	+0.4	+0.3	25	-2	22	+4	76	+2	0	10	6	3
	ALEXANDRIA	1018.7	-0.3	+2.4	N	1	2	23.4	+0.7	-0.5	29	0	22	+2	70	0	0	0	2	1
	PORT SAID	1017.5	+0.1	+3.4	NNW	2	0	25.9	+0.8	+1.0	30	+1	22	+1	61	-8	0	7	1	2
	GAZA	—	—	—	SSW	1	1	22.9	-1.9	-1.5	28	0	19	+1	76	+8	0	2	2	—
	HAIFA	1014.6	+0.6	+1.4	—	0	0	28.1	-0.4	+2.0	31	+2	22	+4	66	+1	0	0	5	1
Lower Egypt	TANTA	1018.2	-0.1	—	W	1	0	22.7	+0.4	—	30	—	16	—	76	—	0	0	—	—
	EZBEKIYA	1018.3	+1.3	+3.0	N	1	0	19.6	-0.6	-1.1	30	0	17	-1	78	0	0	6	1	—
	GIZA	1017.8	-0.1	+2.5	N	1	0	20.0	-0.6	—	28	-2	15	-1	83	—	0	4	1	—
	HELWAN	1017.6	-0.4	+2.0	NNE	4	0	21.8	+0.6	0.0	30	0	18	0	64	-2	0	6	0	—
	SIWA	1020.8	+0.2	+5.1	—	0	0	18.2	-1.3	-2.9	30	-3	14	-2	79	+17	0	0	0	—
Red Sea	SUEZ	1016.3	+0.4	+1.6	N	3	0	22.0	-0.5	-0.2	29	-2	20	0	74	-3	0	0	1	3
	TOR	1011.8	-0.5	-1.1	NE	5	0	26.0	+1.5	+0.8	28	-1	19	0	69	0	0	0	0	5
	HURGHADA	1013.9	+0.3	—	NW	6	0	25.6	+0.1	—	31	—	23	—	86	—	0	0	—	4
	COSSEIR																			
	GEBAIL	1018.0	-0.3	+3.0	NW	4	0	22.8	+0.8	+0.1	29	-2	17	+1	68	+4	0	0		
	KORTI	1016.6	-1.3	—	—	0	0	22.1	+2.1	+0.2	28	-2	18	0	69	-6				
	WADI HALFA	1016.2	-1.4	+1.9	NW	3	0	21.0	0.0	-1.3	28	-3	20	+1	74	+8	0	0		
	DONGOLA	1014.0	-0.6		WSW	4	0	23.5	-0.4	-2.3	36	0	23	+4	62	+7				
	KORTI	1016.8	+0.6		N	1	0	23.4	-0.8	—	31	—	16	—	59		0	0		
	SOWAKIN	1013.5	+0.1	+1.0	—	0	0	25.0	-2.7	-1.7	37	0	21	0	40	0	—	—	—	
	WADI HALFA	1014.2	+1.9	+1.5	N	4	0	23.8	-1.2	-1.5	36	-1	19	-1	33	-2	—	—	—	
	KASSALA	1011.9	+1.5	+1.4	NE	4	0	28.5	-3.0	-2.1	44	+3	24	0	28	-1	0	0	0	
	KHARTOUM	1009.3	+0.7	-0.2	SSW	1	2	31.0	+1.0	-0.4	42	+2	28	+4	37	+13	0	0	0	
	ATBARA	1010.3	+0.1	+1.4	SE	1	0	30.9	+2.4	+1.4	39	0	26	+2	29	-8	0	0	1	
	SENNAR	1010.8	+0.2	-0.4	N	1	2	31.4	+0.3	+0.3	34	0	29	+4	73	+11	0	0	3	1
	ROSEIRES	1009.1	-1.5	-0.9	—	0	0	32.0	+4.0	+1.2	34	-4	23	0	43	-2	0	8	3	
	DAMAZIN	1010.2	+3.4	+0.7	S	3	1	30.5	+1.0	+1.8	38	-1	22	0	50	-3	0	8	3	
	KURMUK	1009.6	+0.9	-0.9	S	1	1	26.5	-1.0	+1.1	38	+3	23	+3	73	+1	0	0	9	
	EL FASHER	1011.1	+1.8		ENE	1	1	27.0	+0.5	+1.9	37	+1	20	+2	40	+1	0	0	2	
	EL OBEID	1011.2	+1.3	+0.1	WSW	2	1	26.8	-1.4	-0.8	32	-4	21	+1	72	+21	5	6	6	
	MALAKAL	1011.1	-1.1	0.0	—	0	3	28.3	-0.1	+2.2	35	+1	25	+4	72	-5	0	6	23	
	WAU	1010.2	-1.0	-0.2	ESE	4	2	28.1	+0.7	+2.9	34	0	25	+5	80	0	0	74	37	
	JUBA	1012.4	-1.6	—	WNW	3	2	26.9	+0.9	—	34	—	22	—	76	—	0	8	27	

General Situation

الحالة العربية

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	66	-2	19.6	-0.1
Ezbekiya	60	-5	18.6	-1.3
Giza	63	-5	18.4	—
Helwan	50	-4	19.3	+1.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
10.10	5960	5284
9.10	6158	5328

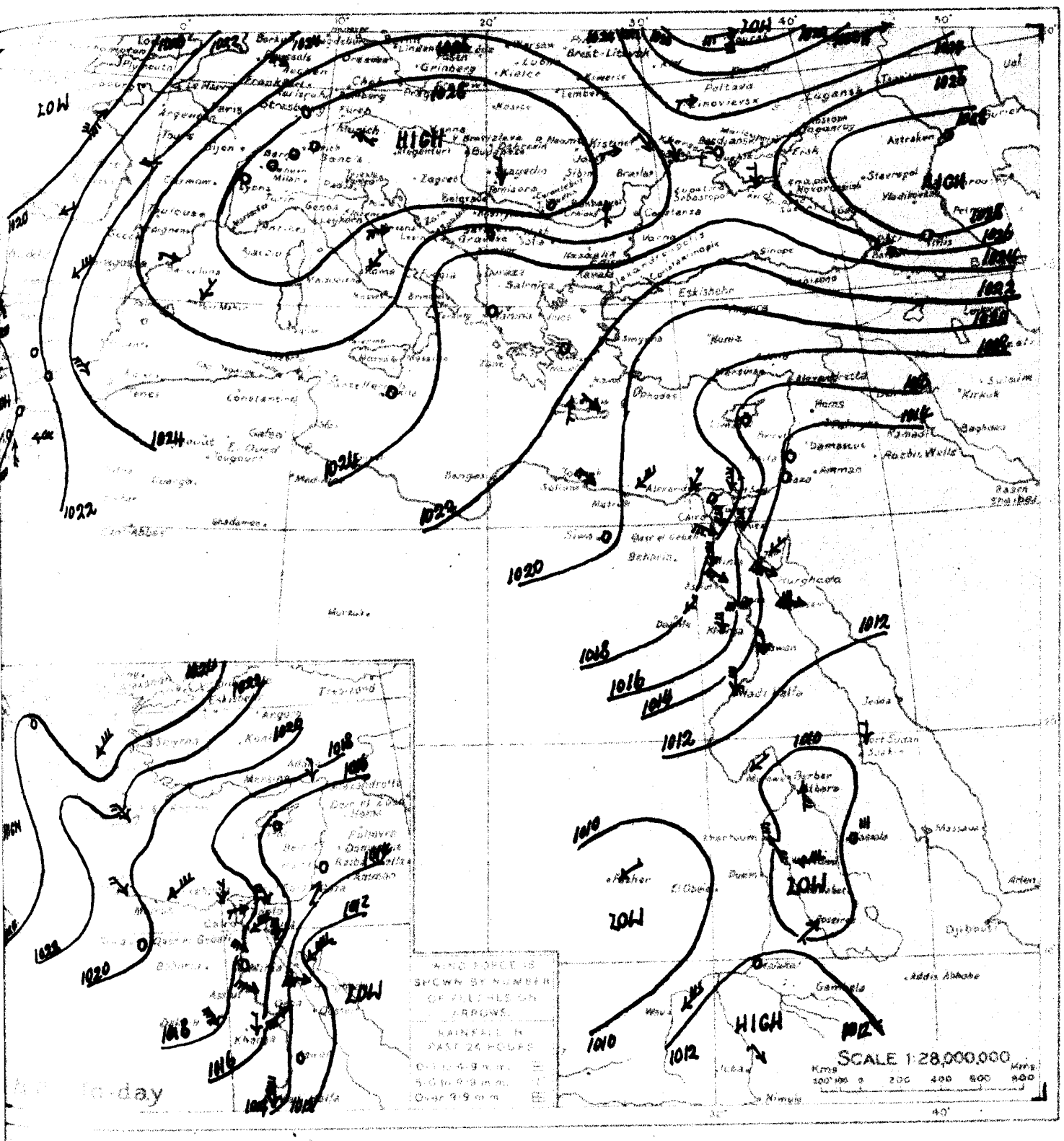
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff.
	1931	m.	m.	m.	m.
Juba	10.10	13.63	-0.15	13.92	+0.14
Nasser	10.10	10.49	+0.01	10.48	0.00
Malakal	9.10	12.12	-0.09	12.12	-0.09
Roseires	10.10	16.85	+0.33	16.80	+0.18
Sennar Res.	10.10	17.20	—	17.20	—
Makwar	10.10	8.87	-0.91	9.03	-0.86
Khartoum	10.10	14.24	-0.24	14.30	-0.23
Kh. el Girba	8.10	11.96	+0.01	11.96	-0.04
Atbara	10.10	13.31	-0.23	13.40	-0.21
Wadi Halfa	10.10	6.46	-0.05	6.55	+0.03
Aswan Res.	10.10	98.15	—	98.13	—
" D.S.	10.10	96.96	0.00	96.03	+0.08
El Leithi	10.10	22.15	-0.16	22.17	-0.13
Roda (Cairo)	10.10	18.09	-0.26	18.10	-0.25

PRINTED AT THE SURVEY OF EGYPT 1929(29/600/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ١٠ - ٩ Barometer and Wind at 8 h. Yesterday 9.10.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ١٠ - ٩ From Observations taken at 8 h yesterday 9.10.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
[illegible]AE	1027.4	+2.8	+11.6	NE	1	0	15	0	—	24	—	12	—	90	—	—	—	30	—
[illegible]TA	1024.9	+1.7	+7.3	—	0	2	19	0	—	23	-2	18	-1	80	—	0	28	18	0
[illegible]HENS	1022.6	+1.8	+5.8	—	0	0	20	0	—	—	—	—	—	50	—	—	—	11	—
[illegible]NDIA	1021.9	+1.2	+4.1	NW	1	1	21	+2	—	24	0	14	-4	—	—	0	16	10	1
[illegible]MASSOL	1015.2	0.0	+0.8	—	0	0	24	+2		29	0	14	-2	—	—	0	7	6	1
EL Obeid	1009.9	-1.3	-1.2	N	2	1	26.2	+2.9	+0.6	36	0	22	+1	66	+14	0	1	5	—

EGYPT AND SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 54

" sunset 17 29

From Observations taken at 8h. to-day.

Sunday 11th October, 1931 — ١٩٣١ الأحد ١١ أكتوبر

STATION	Barometer Reduced to 0° Sea Level	Change in 24 hours	Diff. from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Amount	Duration	Date	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	hrs		
SOLLUM																			
MATRUH	1017.5	−2.3	+1.4	NE	3	3	23.2	0.0	+0.4	25	−2	22	+4	80	+6	0	10	6	3
ALEXANDRIA	1016.3	−2.4	0.0	NNE	1	1	25.8	+2.4	+2.0	28	−1	22	+2	73	+3	0	0	2	1
PORT SAID	1015.5	−2.0	+1.3	ENE	3	0	25.6	−0.3	+0.8	30	+1	23	+2	69	0	0	7	1	2
GAZA																			
HAIFA	1014.2	−0.4	+0.8	—	0	0	28.1	0.0	+2.1	31	+2	23	+5	71	+7	0	0	5	1
JAFFA	1015.6	−2.6	—	WNW	1	0	21.9	−0.8		31		16		82		0	0		
EZBEKIYA	1015.0	−3.3	−0.4	NNE	2	0	19.4	−0.4	−1.5	31	+1	17	−1	86	+8	0	6	1	
GIZA	1015.1	−2.7	−0.2	NNW	1	0	19.7	−0.3	—	29	−1	15	−1	86	—	0	4	1	
HELWAN	1014.7	−2.9	−0.9	NNW	2	0	21.7	−0.1	0.0	30	0	19	+1	77	+11	0	6	0	
SIWA	1018.4	−2.4	+2.6	—	0	0	18.9	+0.7	−2.1	30	−3	14	−2	74	+12	0	0	0	
SEES	1013.0	−3.3	−1.8	N	3	0	23.0	+1.0	+0.9	29	−2	21	+1	74	−3	0	0	1	3
TOR	1012.3	+0.5	−0.7	NW	4	0	25.7	−0.3	+0.6	28	−1	19	0	73	+4	0	0	0	5
HURGHADA	1012.0	−1.9		NW	6	0	25.7	+0.1		30		21		86		0	0		4
COSSEIR	1012.0	—		NNW	6	0	27.0	—		31		24		60		0	0		6
[illegible]	1015.6	−2.4	+0.6	N	4	0	23.5	+0.7	+0.9	30	−1	17	+1	63	−1	0	0		
[illegible]	1014.2	−2.4		NNW	2	0	20.5	−1.6	−1.3	29	−1	17	−1	82	+7				
[illegible]	1014.4	−1.8	0.0	WNW	3	0	21.3	+0.3	−0.9	29	−2	20	+1	74	+7	0	0		
[illegible]	1012.6	−1.4		WSW	3	0	23.6	+0.1	−2.0	36	+1	22	+4	62	+6				
[illegible]	1013.5	−3.3		N	1	0	24.7	+1.3		32		20		48		0	0		
[illegible]	1011.8	−1.7	−0.8	N	1	0	24.8	−0.2	−1.8	36	−1	22	+1	42	+2				
[illegible]	1012.7	−1.5	0.0	NNW	3	0	23.0	−0.8	−2.2	33	−4	18	−2	38	+3				
[illegible]	1011.5	−0.4	+1.0	NE	1	0	27.0	−1.5	−3.5	40	−1	22	−1	31	+2	0	0	0	
[illegible]	1010.3	0.0	+1.4	N	2	4	28.9	−2.0	−0.5	40	+1	27	+3	21	−15	drops	drops	2	
[illegible]	1010.6	−0.2	−0.7	N	1	2	31.5	+0.1	+0.5	36	+2	28	+3	73	+10	0	0	3	1
[illegible]	1012.6	+3.0	+2.1	NNE	1	4	21.5	−5.0	−3.9	36	+1	21	+1	96	+25	16	16	10	
[illegible]	1009.6	−1.5		WNW	1	0	24.0	−3.0	−1.1	39	+3	18	0	26	−12	0	0	3	

General Situation

Pressure is slowly falling over Egypt and the Mediterranean. A shallow depression appears to be situated to the west of Tripoli and an extensive high pressure system covers central Europe.

الضغط آخذ في الهبوط ببطء فوق مصر والبحر الابيض ويظهر انه يوجد انخفاض قريب المغرب بالقرب من طرابلس وهناك ارتفاع شمل فوق أواسط اوروبا.

8.30

500	35	NE
1000	45	ENE
1500	30	ENE
2000	10	SSE
3000		

Forecast for 24 hours from noon to-day.

Light to moderate northerly and north-easterly winds, freshening.
Clear or occasional low cloud.
Little change in temperature.

رياح بين الخفيفة والمعتدلة شمالية وشمالية شرقية تنشط نوعا - السماء صحو او يظهر بعض السحاب المنخفض احيانا - ولا تتغير درجة الحرارة الا قليلا.

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	70	+2	20.5	+0.9
Ezbekiya	61	−4	18.3	−1.5
Giza	68	0	18.5	—
Helwan	46	−8	17.1	−0.4

NOTE. A dash means that figures are not available.

Terms of Subscription. By inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
10.10	5960	5284
9.10	6158	5328

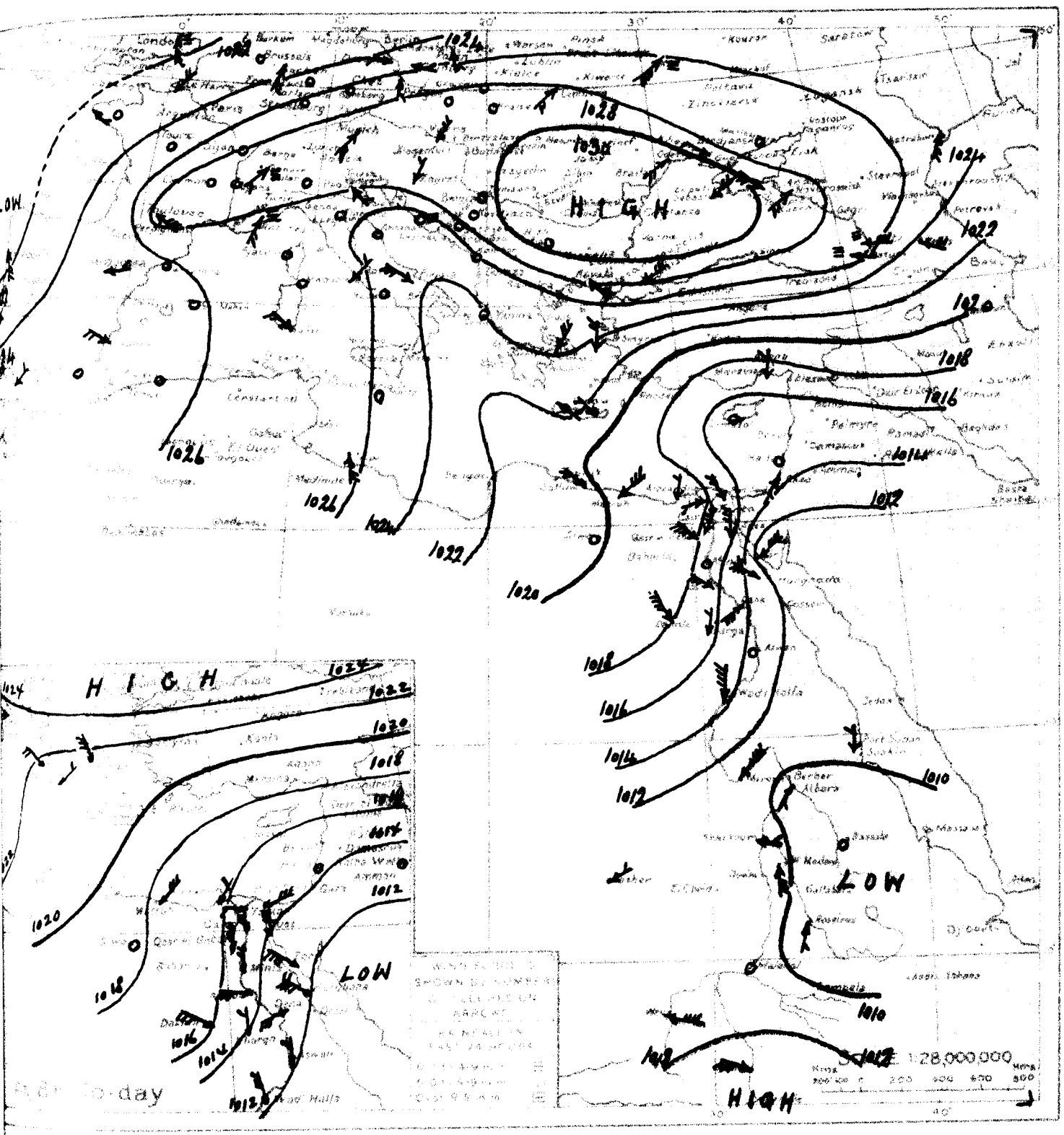
GAUGE	Date	Reading	Diff. from normal	Reading	
	1931	m	m	m	m
Juba	10.10	13.63	−0.15	13.92	+0.14
Masser	10.10	10.49	+0.01	10.48	0.00
Malakal	10.10	12.12	−0.10	12.12	−0.09
Roseires	10.10	16.85	+0.33	16.80	+0.18
Sennar Res.	10.10	17.20	—	17.20	—
Makwar	10.10	8.87	−0.91	9.03	−0.86
Khartoum	11.10	14.14	−0.27	14.24	−0.24
Kh. el Girba	8.10	11.96	+0.01	11.96	−0.04
Atbara	10.10	13.31	−0.23	13.40	−0.21
Wadi Halfa	11.10	6.37	−0.08	6.46	−0.05
Aswan Res.	10.10	98.15	—	98.13	—
" D.S.	10.10	90.90	0.00	91.03	+0.08
El Leithi	11.10	22.13	−0.19	22.15	−0.16
Roda (Cairo)	11.10	18.06	−0.31	18.09	−0.26

PRINTED AT THE SURVEY OF EGYPT 1929(29/689/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٠-١٠-٣١. Barometer and Wind at 8 h. Yesterday 10.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٠-١٠-٣١. From Observations taken at 8 h. yesterday. 10.10.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN: Rome	1027.1	-0.3	+11.3	NE	1	2	14	-1	—	24	—	12	—	80	—	—	—	34	—
Malta	1025.5	+0.6	+7.9	—	0	0	19	0	—	23	-2	16	-3	80	—	0	38	20	1
Athens	1024.8	+2.2	+8.0	NNE	3	0	21	+1	—	—	—	—	—	50	—	—	—	12	—
Candia	1021.9	0.0	+4.0	NW	2	1	22	+1	—	25	+1	19	+2	—	—	0	16	11	3
Massol.	1014.8	-0.4	+0.2	—	0	0	26	+2		32	+3	14	-2	—	—	0	7	7	3
EGYPT and SUDAN																			

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 55

sunset 17 28

From Observations taken at 8h. to-day.

Monday 12th October, 1931 ١٩٣١ الاثنين ١٢ اكتوبر

STATION	BAROMETER Reduced to Sea level	Change since yesterday	Diff from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change last 24 hours	Diff from normal	Max.	Diff from normal	Min.	Diff from normal	HUMIDITY At 8 h.	Diff from normal	RAINFALL 24 hrs.	48 hrs.	72 hrs.	SEA
SOLLUM	1020.0	+0.4	+3.3	NW	3	1	19.3	−2.0	−3.5	24		14		76	+6	0	1	2	1
MATRUH	1018.3	+0.8	+2.1	NNE	3	0	24.0	+0.8	+1.3	25	−2	21	+3	82	+8	0	10	7	3
ALEXANDRIA	1016.6	+0.3	+0.3	N	2	0	25.3	−0.5	+1.6	31	+3	22	+2	73	+3	0	0	2	1
[illegible]	1015.0	−0.5	+0.7	ENE	3	0	26.1	+0.5	+1.4	28	0	24	+3	72	+3	0	7	1	2
[illegible]	—	—	—	—	0	0	25.2	−0.6	+1.0	29	+1	19	+2	77	+9	0	2	3	
[illegible]	1012.6	−1.6	−0.9	—	0	0	26.7	−1.4	+0.8	31	+2	21	+3	68	+4	0	0	6	1
[illegible]	1015.5	−0.1		NNW	1	0	24.0	+2.1		32		17		74		0	0		
[illegible]	1015.0	0.0	−0.5	NNE	2	0	21.0	+1.6	+0.2	32	+2	18	+1	83	+5	0	6	1	
[illegible]	1015.0	−0.1	−0.4	NNW	1	0	21.6	+1.9	—	31	+1	17	+1	84	—	0	4	1	
[illegible]	1013.9	−0.8	−1.8	NE	6	0	23.7	+2.0	+2.1	32	+2	22	+4	75	+9	0	6	0	
[illegible]	1019.1	+0.7	+3.2	N	1	0	19.2	+0.3	−1.7	30	−2	12	−4	80	+18	0	0	0	
[illegible]	1012.7	−0.3	−2.2	N	4	0	24.2	+1.2	+2.1	32	+1	22	+2	78	+1	0	0	1	3
[illegible]	1012.8	+0.5	−0.3	—	0	0	25.1	−0.6	+0.1	29	0	19	0	76	+7	0	0	0	1
[illegible]	1012.6	+0.6		NW	2	0	29.8	+2.8		31		24		51		0	0		2
[illegible]	1015.2	−0.4	+0.1	N	4	0	24.0	+0.5	+1.5	32	+1	20	+4	67	+3	0	0		
[illegible]	1014.4	+0.2		NNE	3	0	22.5	+2.0	+0.8	30	0	17	−1	63	−12				
[illegible]	1015.0	+0.6	+0.5	WNW	3	0	22.7	+1.4	+0.6	30	0	20	+2	75	+8	0	0		
[illegible]	1013.3	+0.7		WSW	3	0	24.5	+0.9	−1.0	35	0	23	+5	50	−6				
[illegible]	1015.0	+1.5		—	0	0	22.7	−2.0		32		16		41		0	0		
[illegible]	1012.8	+1.0	+0.1	NNE	1	1	26.0	+1.2	−0.5	37	0	22	+1	35	−5				
[illegible]	1014.0	+1.3	+1.2	NNW	3	0	23.0	0.0	−2.1	34	−3	20	0	36	0				
[illegible]	1012.2	+0.7	+1.6	NE	2	0	28.0	+1.0	−2.4	40	−1	23	0	44	+15	0	0	0	
[illegible]	1009.0	−0.3	−0.6	NE	2	0	31.5	+0.5	+0.3	41	+2	26	+2	40	+16	0	0	0	
[illegible]	1011.4	+1.1	+2.5	NNW	1	1	27.9	−1.0	−1.5	37	−2	23	−1	22	−14	0	0	2	
[illegible]	1011.0	+0.4	−0.4	E	1	1	32.5	+1.0	+1.6	35	+1	28	+3	69	+6	0	0	4	1
[illegible]	1010.6	−2.0	+0.1	S	1	1	25.0	+3.5	−0.5	27	−9	20	0	84	+13	26	42	11	
[illegible]	1013.4	+3.8		WNW	1	2	20.0	−4.0	−5.0	35	−1	16	−2	43	+5	0	0	3	
[illegible]	1015.0	+3.0	+4.0	—	0	3	24.0	−1.5	−2.1	28	−6	21	0	90	+13	2	80	28	

8.30 Little change has taken place in the pressure distribution since yesterday.

لم يتغير توزيع الضغط عن أمس الا قليلا .

5	E
15	ESE
30	S
50	S

Forecast for 24 hours from noon to-day.

Light northerly winds on the coast; moderate to fresh northeasterly inland.
Clear or occasional medium cloud.
Temperature about normal.

رياح شمالية خفيفة على الساحل وشمالية شرقية ما بين المعتدلة والشديدة نهارا في الداخل - السماء صحو أو ظاهر بها قليل من السحاب المتوسط من آن لآخر - درجة الحرارة حول المعدل .

STATION	Rainfall Year to day Yesterday	Diff from normal	Minimum Temperature Year to day Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	74	+6	22.7	+3.1
Ezbekiya	67	+1	19.4	−0.3
Giza	64	−5	14.6	—
Helwan	62	+8	19.3	+1.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT. 100 annually
" " Abroad PT. 150 "

Remarks

Discharges at Assuan measured by sluices m³ per sec. DATE	1931	1930
11.10	5832	5056
10.10	5960	5284

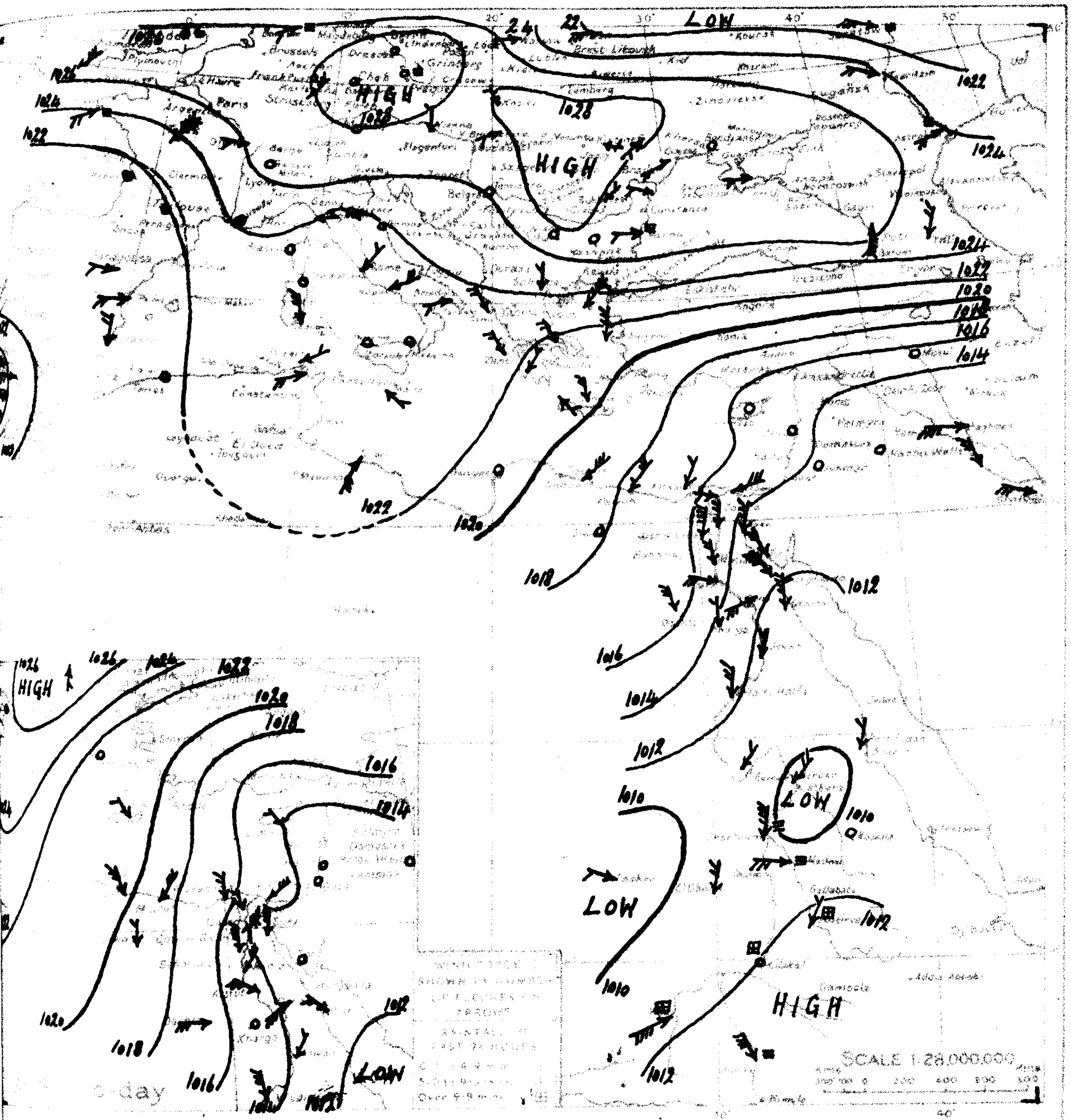
GAUGE	Date 1931	Reading m	Diff from normal m	Reading m	
Juba	11.10	13.60	−0.17	13.63	−0.15
Nasser	10.10	10.49	+0.01	10.48	0.00
Malakal	11.10	12.18	−0.04	12.12	−0.10
Roseires	12.10	18.06	+1.70	17.34	+0.90
Sennar Res.	10.10	17.20	—	17.20	—
Makwar	10.10	8.87	−0.91	9.03	−0.86
Khartoum	12.10	14.10	−0.25	14.14	−0.27
Kh. el Girba	10.10	11.88	−0.01	11.90	−0.01
Atbara	12.10	13.20	−0.21	13.22	−0.27
Wadi Halfa	12.10	6.27	−0.13	6.37	−0.08
Aswan Res.	11.10	97.99	—	98.15	—
" D.S.	11.10	90.80	−0.05	90.90	0.00
El Leithi	12.10	22.17	−0.16	22.13	−0.19
Roda (Cairo)	12.10	18.10	−0.30	18.06	−0.31

PRINTED AT THE SURVEY OF EGYPT 1930(29/6889/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١١-١٠-٣١. Barometer and Wind at 8 h. Yesterday 11.10.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
[illegible]	6
[illegible]	7
[illegible]	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١١-١٠-٣١. From Observations taken at 8 h. yesterday 11.10.31.

Stations	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN																			
ROME	1023.6	-3.5	+7.8	NE	1	4	15	+1	—	—	—	12	—	80	—	—	—	38	—
MALTA	1022.5	-3.0	+5.0	SE	1	0	19	±0	—	23	-2	17	-1	80	—	0	38	22	1
ATHENS	1021.8	-3.0	+4.8	NNW	2	0	19	-2	—	—	—	—	—	60	—	—	—	14	—
CANDIA	1020.7	-1.2	+2.7	NW	2	1	23	+1	—	26	+2	18	+1	—	—	0	16	12	2
LIMASSOL	1014.3	-0.5	-0.4	—	0	0	26	0		31	+2	13	-3	—	—	0	7	7	1
EGYPT and SUDAN																			
Sollum السلوم	1019.6	-1.9	+2.9	NE	3	2	21.3	+2.6	-1.6	25	—	15	—	71	+1	0	1	2	1
Atbara عطبره	1009.3	0.0	-0.3	NE	2	2	32.0	+1.0	+0.7	41	+1	27	+3	33	+9	0	0	0	—
Kassala كسلا	1010.7	+1.6	+0.8	—	0	0	28.0	-4.0	-2.8	38	0	23	0	57	+12	0	8	4	—
Wad Medani ود مدني	1010.8	+0.6	+1.3	W	3	2	26.5	-4.0	-2.2	39	0	24	+2	73	+21	1	9	4	—
El Obeid الأبيض	1011.5	+0.3	+0.4	N	2	4	26.5	-0.3	-1.1	37	+1	22	+2	22	-29	0	6	6	—
Malakal ملكال	1012.0	+0.9	+0.9	—	0	3	25.5	-2.8	-0.6	36	+2	21	0	79	+2	72	78	26	—
Wau واو	1011.2	+1.0	+0.8	SW	4	2	24.0	-4.1	-1.2	35	+1	21	+1	83	+3	25	99	41	—
Juba جوبا	1013.3	+0.9	—	NW	4	3	24.5	-2.4	—	35	—	21	—	83	—	3	11	30	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 56

" sunset 17 27

From Observations taken at 8h. to-day.

Tuesday 13th October, 1931 ١٩٣١ الثلاثاء ١٣ اكتوبر

	STATION	Barometer Reduced to Sea Level	Change last 3 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff from normal	Max	Diff from normal	Min	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall Last 24 hours	Since 1st Sept.	Since 1st Jan.	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1021.0	+1.0	+4.2	NW	2	3	19.0	−0.3	−3.7	24		14		83	+13	0	1	3	1
	MATRUH	1019.1	+0.8	+2.9	NE	3	0	23.0	−1.0	+0.4	25	−2	22	+4	76	+2	0	10	8	3
	ALEXANDRIA	1017.5	+0.9	+1.1	N	1	0	24.9	−0.4	+1.5	29	+1	23	+3	75	+5	0	0	2	1
	PORT SAID	1015.4	+0.4	+1.0	NE	3	0	26.8	+0.7	+2.2	29	+1	24	+3	70	+1	0	7	1	3
	GAZA	—	—	—	—	0	1	25.7	+0.5	+1.6	30	+2	20	+3	77	+9	0	2	3	
	HAIFA	1012.3	−0.3	−1.3	SSW	1	0	28.9	+2.2	+3.1	31	+2	22	+4	48	−16	0	0	7	1
NILE VALLEY & DELTA	TANTA	1016.6	+1.1		W	1	0	23.8	−0.2		32		18		81		0	0		
	EZBEKIYA	1016.4	+1.4	+0.8	NNW	1	2	22.0	+1.0	+1.3	32	+2	20	+3	88	+10	0	6	1	
	GIZA	1016.6	+1.6	+1.1	NNW	1	3	21.9	+0.3	—	31	+2	19	+4	92	—	0	4	1	
	HELWAN	1016.6	+2.7	+0.8	NNW	3	3	24.6	−2.1	+0.1	32	+2	20	+2	87	+21	0	6	0	
	SIWA	1020.4	+1.3	+4.4	—	0	0	12.9	−0.3	−1.8	30	−2	14	−1	81	+21	0	0	0	
RED SEA	SUEZ	1013.9	+1.2	−1.1	N	4	0	25.0	+0.8	+3.0	33	+2	23	+3	76	−1	0	0	2	3
	TOR	1011.8	−1.0	−1.4	NE	3	0	24.8	+1.7	+1.9	35	+6	21	+2	78	+9	0	0	0	4
	HURGHADA																			
	QOSSEIR	1013.4	+0.8		NNW	3	0	29.2	−0.6		32		25		65		0	0		3
UPPER EGYPT	ASSIUT	1017.5	+2.3	+2.3	NW	1	0	23.5	−0.5	+1.1	33	+2	19	+3	71	+7	0	0		
	MINIA	1017.2	+2.8		N	3	2	22.5	0.0	+0.9	31	+1	19	+1	83	+8				
	BENI SUEF	1016.8	+1.8	+2.2	NNW	3	3	22.5	−0.2	+0.4	30	0	22	+4	83	+16	0	0		
	FASHER	1013.8	+0.5		WSW	4	0	25.5	+1.0	+0.2	36	+1	24	+6	62	+6				
	KOROSKO	1015.2	+0.2		N	1	0	26.0	+3.3		35		21		62		0	0		
	ASWAN	1012.7	−0.1	−0.1	—	0	2	28.0	+2.0	+1.7	37	0	24	+3	37	−3				
SUDAN	WADI HALFA	1013.6	−0.4	+0.7	N	1	0	23.8	+0.8	−1.2	33	−4	20	0	35	−1				
	SARAS	—	—	—	NE	1	0	29.5	+1.5	−0.8	41	0	23	0	14	−15	0	0	0	
	ATBARA	1008.7	−0.3	−1.0	S	2	2	31.5	0.0	+0.4	40	+1	27	+3	37	+13	0	0	0	
	KHARTOUM	1011.4	0.0	+2.5	NW	1	3	29.4	+1.5	+0.1	37	−2	26	+2	28	−7	0	0	2	
	KASSALA	1011.0	0.0	−0.5	SW	2	0	31.5	−1.0	+0.7	35	+1	26	+1	75	+12	0	0	4	2
	WAD MEDANI	1010.7	+0.1	+0.3	SSW	1	2	25.5	+0.5	0.0	34	−2	21	+1	80	+9	0	42	12	
	SENNAR	1013.6	+0.2		ENE	1	0	22.0	+2.0	−3.0	35	−1	13	−5	29	−8	0	0	3	
	ED DUEIM	1012.8	−2.2	+1.8	—	0	1	27.8	+3.8	+1.6	31	−3	22	+1	77	0	0	80	31	
	KOSTI	1013.8	−3.2		NW	1	2	24.5	+3.3		27		19		82		2	84	36	

General Situation

9.00 *Apart from some slight variations in pressure there is little change in the general situation.*

لم يطرأ على الحالة العامة اى تغيرات تذكر اذا استثنينا بعض اختلافات بسيطة فى الضغط .

500	30	N
1000	25	NNE
1500	10	NE
2000		
3000		

Forecast for 24 hours from noon to-day.

Light to moderate winds between northeast and northwest, freshening.
Clear or occasional low cloud.
Little change in temperature.

رياح بين الخفيفة والمعتدلة بين شمالية شرقية وشمالية غربية تشتد نوعا - السماء صحو او يظهر بعض السحاب المنخفض احيانا - ولا تتغير درجة الحرارة تقريبا

STATION	Humidity Mean of Day Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	73	+5	21.9	+2.3
Ezbekiya	65	−1	20.7	+1.1
Giza	71	+2	21.1	—
Helwan	61	+7	20.9	+3.6

NOTE. A dash means that figures are not available.

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" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m3 per sec DATE	1931	1930
12.10	5700	5005
11.10	5832	5056

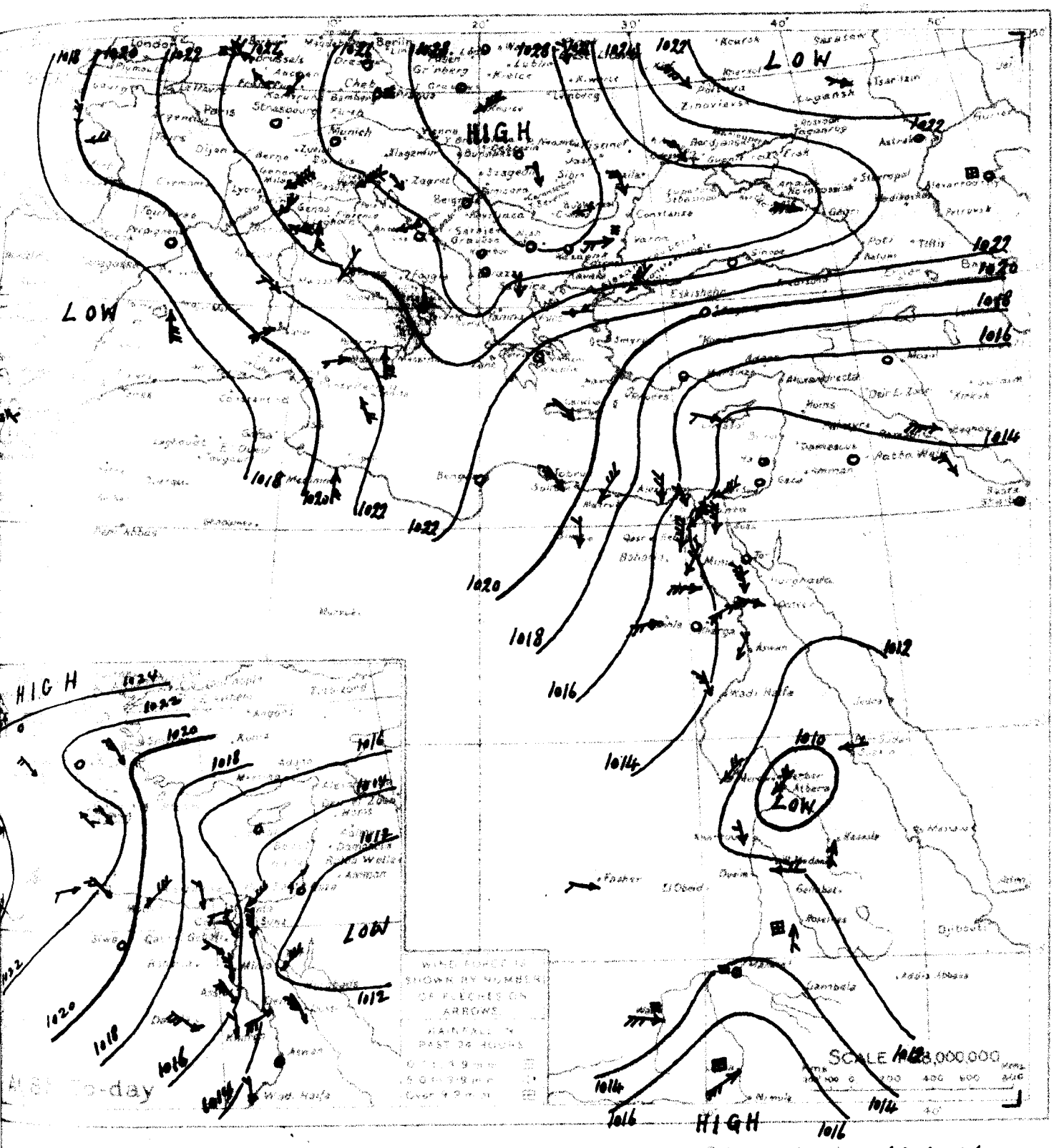
GAUGE	Date 1931	Reading m.	Diff from normal m.	Rise m.	
Juba	12.10	14.36	+0.61	13.60	−0.17
Nasser	12.10	10.51	+0.03	10.50	+0.02
Malakal	12.10	12.19	−0.04	12.18	−0.04
Roseires	13.10	17.72	+1.45	18.06	+1.70
Sennar Res.	12.10	17.20	—	17.20	—
Makwar	12.10	9.23	−0.40	8.84	−0.86
Khartoum	13.10	14.06	−0.23	14.10	−0.25
Kh. el Girba	12.10	12.18	+0.34	12.10	+0.24
Atbara	13.10	13.11	−0.24	13.20	−0.21
Wadi Halfa	13.10	6.17	−0.18	6.27	−0.13
Aswan Res.	12.10	97.96	—	97.99	—
" D.S.	12.10	90.70	−0.10	90.80	−0.05
El Leithi	13.10	22.18	−0.16	22.17	−0.16
Roda (Cairo)	13.10	18.12	−0.32	18.10	−0.30

PRINTED AT THE SURVEY OF EGYPT 929(23/6.8.31) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٢-١٠-٣١ Barometer and Wind at 8 h Yesterday 12.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٢-١٠-٣١ From Observations taken at 8 h. yesterday 12.10.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
Rome	1022.8	-0.8	+7.2	NE	1	3	16	+1	—	25	—	14	—	90	—	—	—	42	—
Malta	1021.8	-0.7	+4.3	SSE	2	0	21	+2	—	24	-1	17	-1	70	—	0	38	24	0
Athens	1021.8	0.0	+4.8	—	0	0	19	0	—	—	—	—	—	60	—	—	—	15	—
Candia	1021.2	+0.5	+3.0	NW	1	1	20	-3	—	25	+1	16	-1	—	—	0	16	13	1
Limassol	1014.0	-0.3	-0.8	WNW	1	0	29	+3	—	33	+4	16	0	—	—	0	7	8	2
Hurghada (Egypt)	1012.6	+0.6	—	NNW	5	0	27.6	+1.9	—	30	—	21	—	86	—	0	0	—	3
Kassala (Egypt)	1010.7	0.0	+0.8	S	1	0	29.0	+1.0	-1.8	39	+1	23	0	58	+13	0	8	4	—
Wad Medani (Egypt)	1012.2	+1.4	+2.8	E	2	1	25.0	-1.5	-3.7	33	-6	20	-2	72	+21	0	9	4	—
Wau (Egypt)	1013.5	+2.3	+3.2	W	3	3	25.0	+1.0	-0.3	31	-3	21	+1	84	+4	1	100	45	—
Juba (Egypt)	1017.0	+3.7	—	SW	3	4	21.2	-3.3	—	32	—	18	—	94	—	71	82	33	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 56

sunset 17 25

From Observations taken at 8h. to-day.

Wednesday 14th October, 1931 — الاربعاء ١٤ اكتوبر ١٩٣١

Barometer	Change	Diff. from normal	Wind Direction	Force	Sky	Air	Temperature Change	Dew Point	Diff. from normal	Dry Bulb	Diff. from normal	Humidity	Diff. from normal	Rainfall			Sea
1020.7	−0.3	+3.8	WNW	2	3	18.8	−0.2	−3.9	24		14		57	−13	0	1	3	1
1019.0	−0.1	+2.7	NW	3	0	21.2	−1.8	−1.3	25	−1	17	−1	80	+6	0	10	8	3
1018.0	+0.5	+1.6	NW	3	2	22.6	−2.3	−0.9	29	+1	22	+2	69	−1	0	0	3	3
1015.8	+0.4	+1.3	NW	3	0	26.1	−0.7	+1.6	31	+3	23	+2	64	−5	0	7	1	2
—	—	—	—	0	2	26.1	+0.4	+2.1	30	+2	21	+4	79	+11	0	2	3	
1012.0	−0.3	−1.7	—	0	0	28.9	0.0	+3.3	31	+2	22	+5	70	+6	0	0	7	1
1017.2	+0.6		WSW	1	0	21.7	−2.1		33		17		80		0	0		
1017.4	+1.0	+1.8	NW	2	0	20.3	−1.7	−0.3	32	+2	19	+2	83	+5	0	6	1	
1017.6	+1.0	+2.1	NNW	2	0	20.9	−1.0	—	31	+2	17	+2	84	—	0	4	1	
1017.9	+1.3	+2.0	NNW	3	0	20.0	−1.6	−1.4	31	+1	19	+1	82	+16	0	6	0	
1021.0	+0.6	+4.9	—	0	0	17.9	−1.0	−2.7	28	−4	14	−1	85	+23	0	0	0	
1014.7	+0.8	−0.3	N	4	3	24.0	−1.0	+2.0	32	+1	23	+3	79	+2	0	0	2	3
1012.2	+0.4	−1.1	NE	1	2	27.3	+0.5	+2.5	30	+1	23	+4	68	−1	0	0	0	2
1012.6	−0.2		NNW	7	1	27.0	−0.6		31		23		86		0	0		5
1012.3	−1.1		NW	6	6	28.0	−1.2		32		26		65		0	0		6
1018.3	+0.8	+3.1	NW	3	0	23.0	−0.5	+0.7	32	+1	19	+3	66	+2	0	0		
1017.9	+0.7		N	3	1	22.0	−0.5	+0.5	30	0	19	+1	78	+3				
1017.5	+0.7	+2.8	NNW	3	2	22.2	−0.3	+0.2	30	0	21	+3	76	+9	0	0		
1014.2	+0.4		WSW	3	0	24.4	−1.1	−0.8	36	+1	23	+5	57	+1				
1016.4	+1.2		NE	1	0	23.7	−2.3		33		19		63		0	0		
1013.4	+0.7	+0.5	NNE	1	0	26.3	−1.7	+0.1	38	+1	23	+2	35	−6				
1013.9	+0.3	+0.9	NNW	4	0	24.4	+0.6	−0.4	36	0	22	+2	35	−1				
1011.2	—	+0.5	NE	2	0	30.5	+1.0	+0.3	43	+3	26	+3	31	+2	0	0	0	
1008.2	−0.5	−1.6	E	2	0	32.0	+0.5	+1.0	40	+1	26	+2	38	+14	0	0	0	
1010.8	−0.6	+1.9	NNW	2	1	28.9	−0.5	−0.4	40	+1	25	+1	63	+28	10	10	2	
1011.8	+0.8	+0.2	SE	1	0	31.6	+0.1	+0.9	36	+2	23	−2	74	+10	0	0	4	1
1011.5	−2.1		WNW	1	0	25.0	+3.0	0.0	35	−1	14	−4	22	−15	0	0	4	
1011.9	−0.9	+0.9	NE	1	1	27.0	−0.8	+0.8	33	−1	24	+3	80	+4	trace	80	34	

General Situation — حالة الجو

9.00 A shallow depression appears to be developing over Palestine. The pressure over the central Mediterranean remains high.

يظهر ان انخفاضا قليل الغور قد أخذ في التكون على فلسطين ولا يزال الضغط على اواسط البحر الابيض المتوسط عاليا.

500	35	NNW
1000	25	NNE
1500	15	N
2000		
2500		

Forecast for 24 hours from noon to-day.

Moderate northwesterly winds.
Occasional low cloud.
Possibility of light rain on the coast tomorrow.
Temperature slightly below normal.

رياح معتدلة شمالية غربية - يظهر بعض السحاب المتقطع احيانا ويحتمل ان تمطر قليلا على الساحل غدا - ودرجة الحرارة دون المعدل بقليل.

Station	Humidity Mean of Day Yester-day	Diff. from normal	Wet Bulb Temperature Mean of Day Yester-day	Diff. from normal
	%	%	C	C
Alexandria	76	+8	21.8	+2.3
Ezbekiya	67	+1	20.9	+1.4
Giza	69	0	20.8	—
Helwan	59	+5	19.8	+2.6

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
14.10	5410	4648
13.10	5566	4789

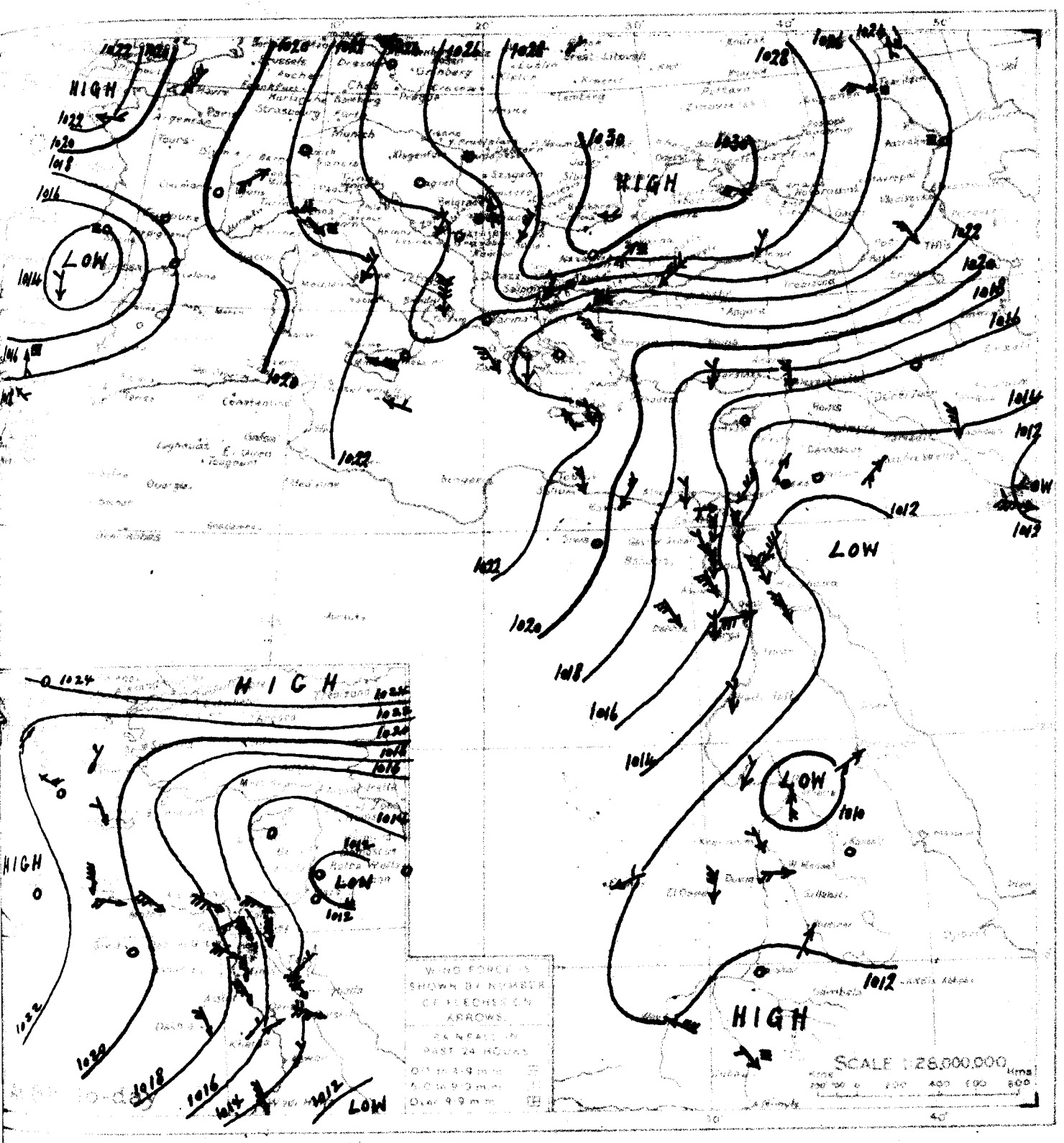
Station	Date 1931	Reading m.	Diff. from normal m.	Previous m.	
Juba	13.10	15.26	+1.52	14.36	+0.61
Nasser	13.10	10.51	+0.07	10.51	+0.03
Malakal	13.10	12.19	−0.04	12.19	−0.04
Roseires	14.10	17.60	+1.41	17.72	+1.45
Sennar Res.	13.10	17.20	—	17.20	—
Makwar	13.10	9.93	+0.35	9.23	−0.40
Khartoum	13.10	14.06	−0.23	14.10	−0.25
Kh. el Girba	12.10	12.18	+0.34	12.10	+0.24
Atbara	14.10	13.08	−0.21	13.14	−0.24
Wadi Halfa	14.10	6.08	−0.20	6.14	−0.18
Aswan Res.	14.10	97.62	—	97.80	—
" D.S.	14.10	90.50	−0.15	90.59	−0.14
El Leithi	13.10	22.18	−0.16	22.17	−0.16
Roda (Cairo)	14.10	18.10	−0.37	18.12	−0.32

PRINTED AT THE SURVEY OF EGYPT (1929/29/689/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٣-١٠-٣١ Barometer and Wind at 8 h. Yesterday 13.10.31.



WIND VELOCITY

		Force
Calm	[illegible]	0
Almost calm	[illegible]	1
Very light	[illegible]	2
Light	[illegible]	3
Moderate	[illegible]	4
Fresh	[illegible]	5
Strong	[illegible]	6
Very strong	[illegible]	7
Gale	[illegible]	8
Strong gale	[illegible]	9
Whole gale	[illegible]	10
Storm	[illegible]	11
Hurricane above	[illegible]	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٣-١٠-٣١ From Observations taken at 8 h. yesterday. 13.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	[illegible]	1021.5	-1.3	+5.9	NE	2	4	15	-1	—	25	—	11	—	70	—	—	—	46	—
	MALTA	1023.2	+1.4	+5.7	ESE	1	0	21	0	—	24	-1	18	0	60	—	0	38	26	1
	ATHENS	1021.5	-0.3	+4.4	—	0	0	16	-3	—	—	—	—	—	60	—	—	—	16	—
	CANDIA	1022.2	+1.0	+4.0	NW	1	4	21	+1	—	25	+2	17	0	—	—	0	16	15	1
	LIMASSOL	1014.3	+0.3	-0.5	—	0	0	27	-2		34	+5	17	+1	—	—	0	7	9	2
EGYPT and SUDAN	Hurghada	1012.8	+0.2	—	NNW	5	0	27.6	0.0	—	31	—	21	—	92	—	0	0	—	3
	Kassala	1010.7	0.0	+0.8	—	0	0	30.0	+1.0	-0.9	40	+2	24	+1	55	+10	0	8	4	—
	Wad Medani	1011.8	-0.4	+2.4	W	2	1	29.0	+4.0	+0.3	37	-2	24	+2	58	+8	0	9	5	—
	El Obeid	1011.4	-2.0	+0.2	N	3	0	27.5	+1.0	-0.1	36	0	18	-2	19	-30	0	6	7	—
	Wau	1011.9	-1.6	+1.6	SE	4	0	27.0	+2.0	+1.7	32	-2	22	+2	69	-11	0	100	49	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 57

" sunset 17 24

From Observations taken at 8h. to-day.

Thursday 15th October, 1931 — ١٩٣١ الخميس ١٥ اكتوبر

STATION	Barometer Reduced to Sea Level	Change in past 24 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff from normal	Max.	Diff from normal	Min.	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall Last 24 hours	Since 1st Oct.	Since 1st Jan.	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
ALEXANDRIA	1018.8	−1.9	+1.8	WNW	3	2	15.9	−2.9	−6.7	25		13		74	+4	0	1	3	2
MERSA MATRUH	1017.1	−1.9	+0.7	NNW	3	3	20.3	−0.9	−2.1	24	−2	17	−1	75	+1	0	10	9	4
EL ALAMEIN	1016.8	−1.2	+0.3	NW	1	2	23.9	+1.3	+0.5	27	−1	21	+1	57	−13	0	0	3	1
[illegible]	1016.4	+0.6	+1.8	W	2	2	23.2	−2.9	−1.2	30	+2	20	−1	68	−1	0	7	1	3
SIWA	—	—	—	—	0	1	24.6	−1.5	+0.8	31	+3	19	+2	70	+2	0	2	4	
[illegible]	1013.0	+1.0	−0.9	SW	1	1	27.5	−1.4	+2.0	31	+2	22	+5	62	−2	0	0	8	2
[illegible]	1017.1	−0.1		WSW	1	0	20.5	−1.2		29		15		69		0	0		
[illegible]	1017.2	−0.2	+1.5	SSW	1	3	19.6	−0.7	−0.9	30	0	16	−1	71	−7	0	6	1	
[illegible]	1017.4	−0.2	+1.8	—	0	3	19.1	−1.8	—	29	0	14	−1	80	—	0	4	1	
[illegible]	1017.6	−0.3	+1.6	—	0	2	19.2	−0.8	−2.1	28	−2	16	−2	75	+9	0	6	0	
[illegible]	1019.5	−1.5	+3.3	—	0	0	18.1	+0.2	−2.4	27	−5	13	−2	72	+10	0	0	0	
[illegible]	1014.6	−0.1	−0.5	N	3	0	20.2	−3.8	−1.7	30	−1	18	−2	75	−2	0	0	2	3
[illegible]	1013.4	+1.2	0.0	NE	5	0	25.5	−1.8	+0.8	29	0	22	+4	58	−11	0	0	0	5
[illegible]	1013.8	+1.2		NW	6	1	25.2	−1.8		31		23		81		0	0		4
[illegible]	1013.0	+0.7		NW	6	0	29.8	+1.8		34		24		58		0	0		7
[illegible]	1018.2	−0.1	+2.9	NW	1	0	20.0	−3.0	−2.2	30	−1	15	−1	72	+8	0	0		
[illegible]	1017.9	0.0		NNE	2	0	20.5	−1.5	−0.9	28	−2	14	−4	74	−1				
[illegible]	1017.5	0.0	+2.7	N	3	0	21.8	−0.4	−0.1	29	−1	20	+2	63	−4	0	0		
[illegible]	1014.7	+0.5		WSW	2	0	23.7	−0.7	−1.4	35	0	21	+3	61	+5				
[illegible]	1016.0	−0.4		NE	1	0	22.5	−1.2		31		19		61		0	0		
[illegible]	1013.6	+0.2	+0.6	NNE	2	0	25.0	−1.3	−1.1	36	−1	22	+1	36	−5				
[illegible]	1013.5	−0.4	+0.4	NNW	3	0	23.2	−1.2	−1.5	34	−2	21	+2	39	+3				
[illegible]	1009.6	−1.6	−1.2	NE	2	0	28.5	−2.0	−1.5	43	+3	24	+1	31	+2	0	0	0	
[illegible]	1008.4	+0.2	−1.4	E	2	0	32.0	0.0	+1.1	41	+2	25	+1	36	+12	0	0	0	
[illegible]	1009.4	−1.4	+0.4	NNE	1	0	28.8	−0.1	−0.5	39	0	25	+1	33	−2	0	10	2	
[illegible]	1012.0	+0.2	+0.3	N	2	0	30.5	−1.1	−0.1	36	+2	24	0	71	+7	0	0	5	2
[illegible]	1008.3	−1.7	−2.1	—	0	0	26.0	−0.5	+0.4	36	0	22	+2	76	+6	0	42	14	
[illegible]	1011.4	−0.1		WNW	1	0	26.0	+1.0	+1.1	38	+2	16	−2	24	−12	0	0	4	
[illegible]	1010.2	−0.1	−1.0	N	2	1	28.0	−0.2	+0.4	37	+1	21	+1	31	−18	0	6	9	
[illegible]	1010.3	−1.6	−0.7	—	0	1	28.0	+1.0	+1.8	35	+1	23	+2	82	+6	trace	80	36	

General Forecast

9.00 Over Egypt and the western Mediterranean pressure is slowly falling owing to a depression now situated over the entrance to the Adriatic.
The depression over Palestine persists.

الضغط آخذ فى الهبوط ببطء فوق مصر وغرب البحر الابيض وذلك لوجود انخفاض فوق مدخل الادرياتيك - ولايزال الانخفاض الذى فوق فلسطين مرابطا.

10	N	
15	NE	
15	NNE	

Forecast for 24 hours from noon to-day.

Light to moderate winds chiefly westerly and northwesterly.
Much low cloud at times.
Little change in temperature.

رياح بين الخفيفة والمعتدلة اكثرها بين غربية وشمالية غربية - يكثر السحاب المنخفض احيانا - ولا تتغير درجة الحرارة الا قليلا.

STATION	Highest to Noon of Day		Lowest Temperature Night of Day	
	Yesterday	Diff from normal	Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	64	−4	18.9	−0.5
Ezbekiya	68	+2	18.5	−1.0
Giza	69	0	19.2	—
Helwan	67	+13	18.2	+1.0

NOTE. A dash means that figures are not available.

Terms of Subscription. By inland Post, PT. 100 annually
" " Abroad PT. 150 "

Remarks

Discharges of Assuan measured by sluices m.3 per sec.

DATE	1931	1930
14.10	5410	4648
13.10	5566	4789

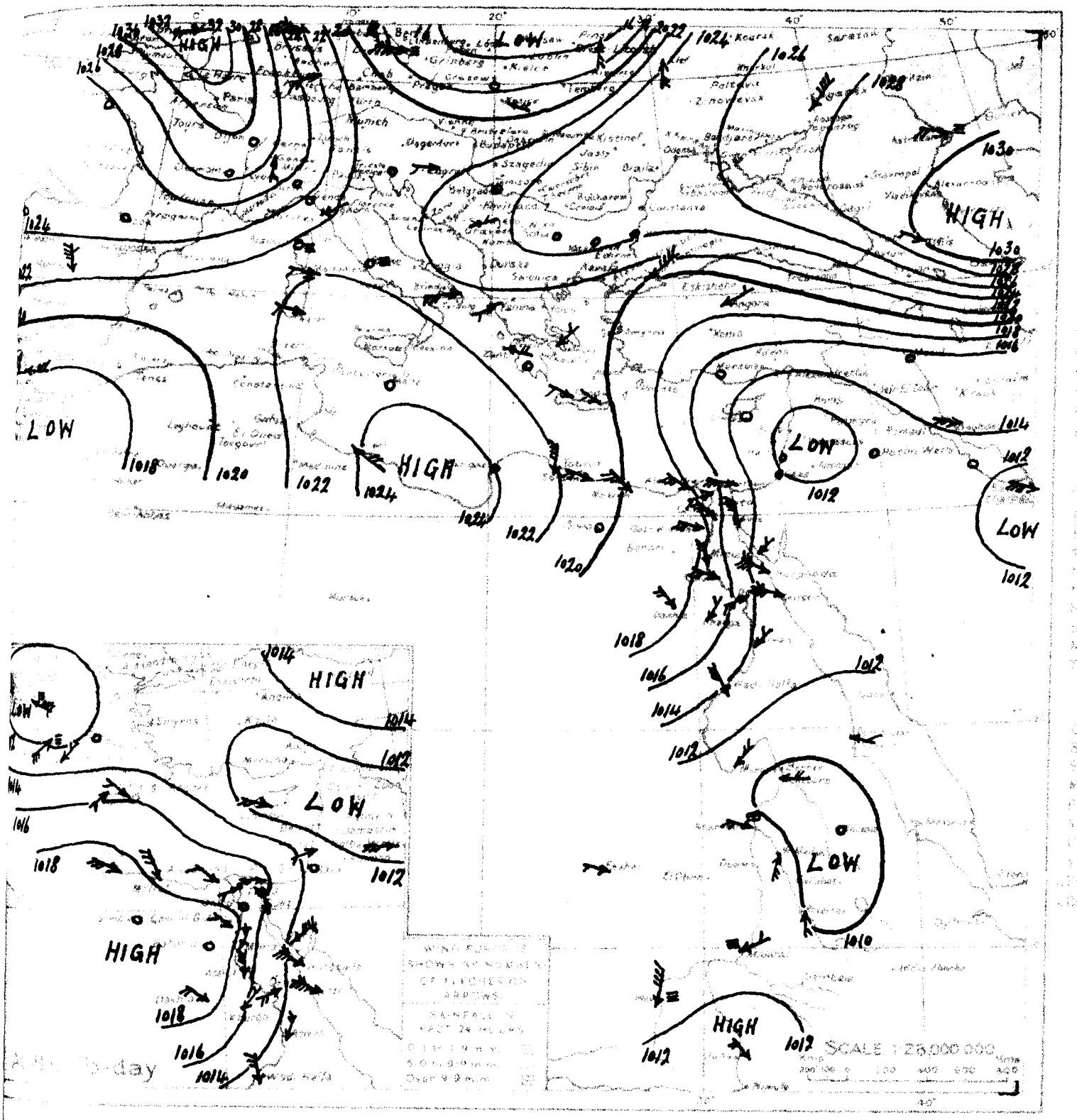
GAUGE	Date	Height	Diff from normal	Rise	
	1931	m.	m.	m.	
Juba	14.10	14.35	+0.63	15.26	+1.52
Nasser	14.10	10.52	+0.03	10.51	+0.02
Malakal	14.10	12.19	−0.05	12.19	−0.04
Roseires	15.10	17.69	+1.59	17.60	+1.41
Sennar Res.	14.10	17.20	—	17.20	—
Makwar	14.10	10.02	+0.48	9.93	+0.35
Khartoum	14.10	14.16	−0.06	14.06	−0.23
Kh. el Girba	13.10	12.18	+0.36	12.18	+0.34
Atbara	15.10	13.08	−0.13	13.08	−0.21
Wadi Halfa	15.10	6.02	−0.18	6.08	−0.20
Aswan Res.	14.10	97.62	—	97.80	—
" D.S.	14.10	90.50	−0.15	90.57	−0.14
El Leithi	15.10	22.17	−0.20	22.18	−0.17
Roda (Cairo)	15.10	18.12	−0.36	18.10	−0.37

PRINTED AT THE SURVEY OF EGYPT 1930(30/556/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١ - ١٠ - ١٤ Barometer and Wind at 8 h. Yesterday 14.10.31.



٢١ - ١٠ - ١٤ From Observations taken at 8 h. yesterday 14.10.31.

	BAROMETER Reduced to Sea Level at 0° C.			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
				Direction	Force														
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
[illegible]ME	1021.1	-0.4	+5.5	—	0	4	16	+1	—	22	—	14	—	80	—	trace	—	49	—
[illegible]TA	1023.2	0.0	+5.7	—	0	4	21	0	—	25	0	17	-1	80	—	0	38	29	0
[illegible]ENS	1020.8	-0.7	+3.7	NNE	1	0	16	0	—	—	—	—	—	60	—	—	—	18	—
[illegible]ANDIA	1020.3	-1.9	+2.0	NW	1	1	20	-1	—	24	+1	17	0	—	—	0	16	16	1
[illegible]WASSOL	1012.3	-2.0	-2.7	—	0	0	28	+1		34	+5	17	+1	—	—	0	7	10	2
Kassala كسلا	1009.3	-1.4	-0.6	—	0	0	31.5	+1.5	+0.6	37	-1	22	-1	37	-8	0	8	5	—
Wad Medani ود مدني	1011.8	0.0	+2.4	S	2	1	30.3	+1.3	+1.6	37	-2	24	+2	51	+2	0	9	5	—
Roseires الروصيرص	1010.0	-0.7	-0.4	SSE	1	0	26.5	+1.0	+1.0	34	-2	21	+1	73	+3	0	42	13	—
Wau واو	1011.0	-0.9	+0.8	N	4	3	25.0	-2.0	-0.3	34	0	23	+3	92	+12	1	101	53	—
Juba جوبا	1012.6	-1.2	—	NW	2	2	27.0	+2.5	—	32	—	22	—	76	—	0	84	39	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 57

sunset 17 23

From Observations taken at 8h. to-day.

Friday 16th October, 1931 ١٩٣١ الجمعة ١٦ أكتوبر

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Max.	Temperature Diff from normal	Temperature Min.	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Last 24 hours	Rainfall Since 1st Jan.	Rainfall Same period last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1019.1	+0.3	+2.1	SW	5	0	19.5	+3.6	-3.0	26	—	—	—	57	-13	0	1	3	2
MATRUH	1019.0	+1.9	+2.6	WSW	2	0	21.4	+1.1	-0.9	23	-3	16	-2	78	+4	0	10	10	2
ALEXANDRIA	1019.1	+2.3	+2.5	S	1	0	22.5	-1.4	-0.8	30	+2	18	-2	70	0	0	0	3	1
[illegible]	1019.1	+2.7	+4.5	WNW	1	0	23.6	+0.4	-0.7	28	0	19	-2	62	-7	0	7	1	1
[illegible]	—	—	—	—	0	0	23.2	-1.4	-0.5	26	-2	16	-1	61	-7	0	2	4	
[illegible]	1017.4	+4.4	+3.5	—	0	0	24.9	-2.6	-0.5	31	+2	20	+3	61	-3	0	0	8	1
[illegible]	1019.4	+2.3	—	NNW	1	0	21.9	+1.4	—	29	—	15	—	60		0	0		
[illegible]	1018.8	+1.6	+3.0	—	0	0	19.0	-0.6	-1.4	28	-2	17	0	74	-4	0	6	1	
[illegible]	1019.2	+1.8	+3.5	—	0	0	19.1	0.0	—	28	-1	14	-1	82	—	0	4	1	
[illegible]	1019.1	+1.5	+3.1	ENE	3	0	22.7	+3.5	+1.5	26	-4	19	+1	54	-12	0	6	0	
[illegible]	1020.6	+1.1	+4.3	—	0	0	17.1	-1.0	-3.3	27	-5	12	-3	73	+11	0	0	0	
[illegible]	1017.6	+3.0	+2.4	N	2	0	21.8	+1.6	0.0	27	-4	19	-1	64	-13	0	0	2	1
[illegible]	1016.0	+2.6	+2.4	—	0	1	24.0	[illegible].5	-0.6	28	-1	17	-1	53	-15	0	0	0	0
[illegible]	1015.8	+2.0		NW	6	0	25.0	-0.2		30		20		77		0	0		3
[illegible]	1015.0	+2.0	—	N	7	0	27.0	-2.8	—	30	—	24		51		0	0		7
[illegible]	1018.6	+0.4	+3.2	NW	1	0	20.0	0.0	-2.1	28	-3	15	-1	72	+8	0	0		
[illegible]	1018.6	+0.7		NNE	1	0	19.2	-1.3	-2.1	27	-2	14	-3	79	+4				
[illegible]	1018.4	+0.9	+3.6	WNW	2	0	21.1	-0.7	-0.7	27	-3	17	-1	55	-12	0	0		
[illegible]	1016.3	+1.6		WNW	2	0	22.2	-1.5	-2.7	34	-1	19	+1	64	+8				
[illegible]	1017.0	+1.0	—	NNE	1	0	23.3	+0.8		30	—	16		46		0	0		
[illegible]	1014.7	+1.1	+1.6	N	1	0	24.8	-0.2	-1.2	35	-2	22	+2	36	-5				
[illegible]	1013.5	0.0	+0.4	N	2	0	24.0	+0.8	-0.6	34	-2	20	+1	36	0				
[illegible]	1010.6	+1.0	-0.3	NE	1	0	30.0	+1.5	+0.1	44	+4	24	+1	30	+1	0	0	0	
[illegible]	1009.0	+0.6	-0.9	E	1	0	30.0	-2.0	-0.8	40	+1	26	+2	36	+12	0	0	0	
[illegible]	1010.0	+0.6	+1.0	SW	2	0	30.0	+1.2	+0.8	40	+1	26	+2	54	+19	0	10	2	
[illegible]	1012.4	+0.4	+0.6	N	2	3	30.9	+0.4	+0.4	34	0	25	+1	69	+5	0	0	5	2
[illegible]	1009.8	+0.8	0.0	—	0	0	29.0	-1.0	-1.9	40	+2	24	+1	58	+13	0	8	5	
[illegible]	1010.8	+2.5	+0.5	SSW	1	2	26.5	+0.5	+0.9	36	0	21	+1	73	+4	0	42	15	
[illegible]	1008.0	-3.4		WSW	1	0	23.5	-2.5	-1.4	38	+2	18	0	49	+13	0	0	4	
[illegible]	1011.0	+0.8	-0.2	—	0	0	27.3	-0.7	-0.3	37	+1	19	0	36	-12	0	6	9	
[illegible]	1011.4	+1.1	+0.4	—	0	4	25.6	-2.4	-0.6	35	+1	23	+2	87	+11	trace	80	39	
[illegible]	1010.6	—	+0.5	—	3	2	25.4	-2.6	0.0	35	+1	21	+1	89	+10	32	133	61	
[illegible]	1012.3	-1.9		WSW	2	1	26.0	-0.5		33		21		76		4	88	45	

General Station

Forecast for 24 hours from noon to-day.

STATION	Humidity Mean of Day	Diff from normal	Wet Bulb Temperature Mean of Day	Diff from normal
	%	%	°C	°C
Alexandria	61	-7	19.7	+0.4
Ezbekiya	60	-6	17.6	-1.8
Giza	69	0	17.5	—
Helwan	55	+1	16.6	-0.5

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by gauges m.3 per sec

DATE	1931	1930
16.10	5092	4303
15.10	5220	4456

GAUGE	Date 1931	Reading m	Diff from normal m	Rise Reading m	Rise Diff from normal m
Juba	16.10	13.92	+0.23	13.65	-0.05
Nasser	15.10	10.52	+0.03	10.52	+0.03
Malakal	14.10	12.19	-0.05	12.19	-0.04
Roseires	15.10	17.69	+1.59	17.60	+1.41
Sennar Res.	16.10	17.20	—	17.20	—
Makwar	16.10	9.70	+0.34	9.72	+0.27
Khartoum	14.10	14.16	-0.06	14.06	-0.23
Kn. el Girba	13.10	12.18	+0.36	12.18	+0.34
Atbara	15.10	13.08	-0.13	13.08	-0.21
Wadi Halfa	15.10	6.02	-0.18	6.08	-0.20
Aswan Res.	16.10	97.68	—	97.61	—
" D.S.	16.10	90.29	-0.23	90.37	-0.22
El Leithi	15.10	22.17	-0.20	22.18	-0.17
Roda (Cairo)	15.10	18.12	-0.36	18.10	-0.37

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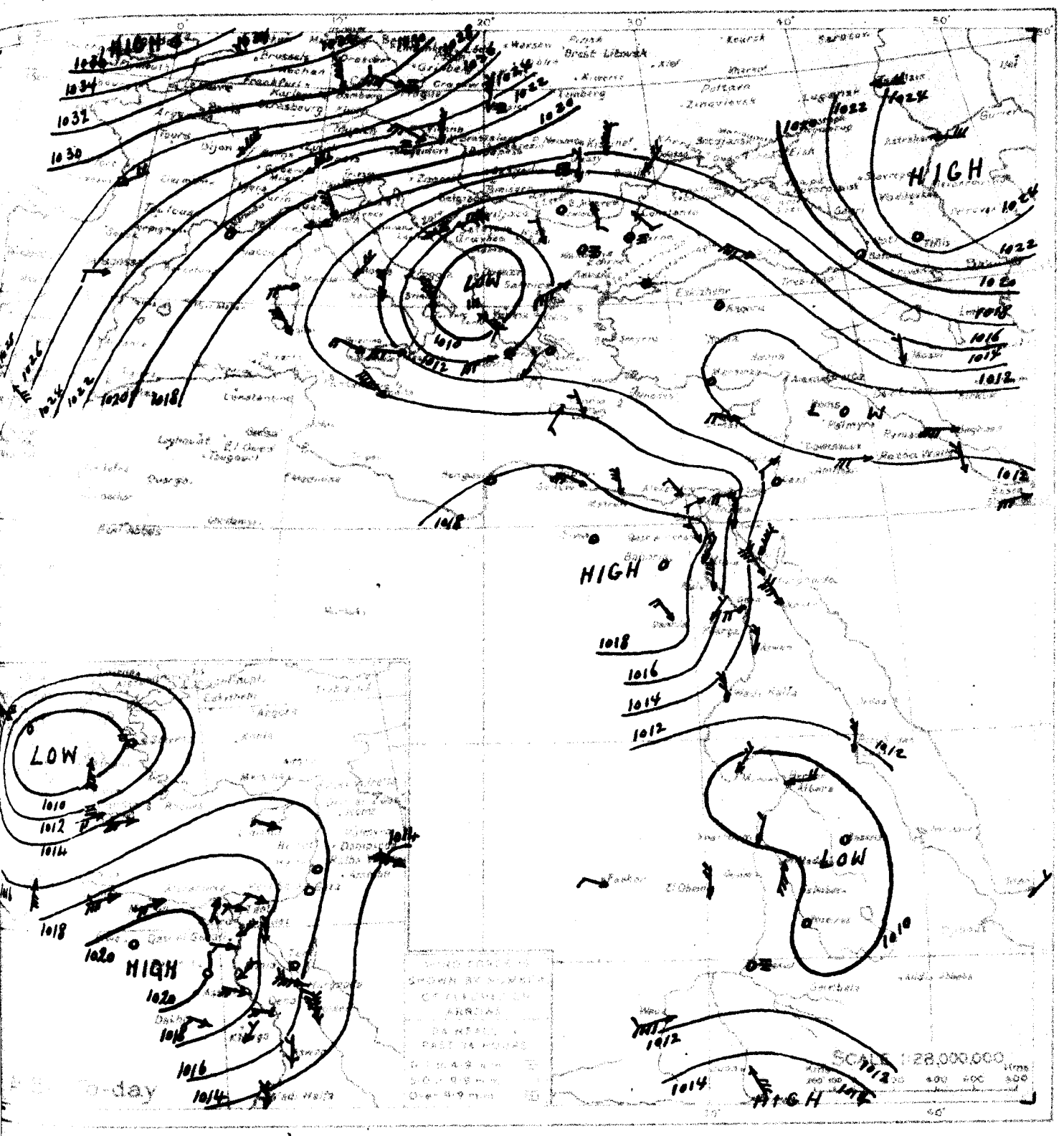
PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ - ١٠ - ١٥ Barometer and Wind at 8 h. Yesterday 15 - 10 - 1931



WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-5	1
Very light	7-12	2
Light	13-18	3
Moderate	19-28	4
Fresh	29-38	5
Strong	39-49	6
Very strong	49-59	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-95	10
Storm	91-104	11
Hurricane above 104		12

STATE OF SKY

Clear	0
Clouded	1
Cloudy	2
Extended	3
Entirely clouded	4
Hunting	5
Sand-dust	6
Sand-storm	7
Mist-fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ - ١٠ - ١٥ From Observations taken at 8 h. yesterday 15 - 10 - 1931

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.6	-5.5	0.0	NE	2	1	16	0	—	21	—	14	—	70	—	—	—	53	—
	MALTA	1016.1	-7.1	-1.4	NW	4	4	21	0	—	24	-1	20	+2	70	—	0	38	31	3
	ATHENS	1012.8	-8.0	-4.4	—	0	1	18	+2	—	—	—	—	—	60	—	—	—	19	—
	CANDIA	1016.0	-4.3	-2.3	NW	1	0	22	+2	—	24	+1	14	-3	—	—	0	16	17	1
	LIMASSOL	1011.8	-0.5	-3.3	WNW	2	0	23	-5		34	+5	13	-3	—	—	0	7	10	3
EGYPT and SUDAN	Kassala	1009.0	-0.3	-0.8	—	0	0	30.0	-1.5	-0.9	38	0	24	+1	53	+8	0	8	5	—
	Wad Medani	1010.3	-1.5	+0.9	S	3	0	31.5	+1.2	+2.8	39	0	24	+2	48	0	0	9	5	—
	Wau	—	—	—	WSW	5	0	28.0	+3.0	+2.6	35	+1	23	+3	70	-9	0	101	57	—
	Juba	1014.2	+1.6	—	SSE	3	2	26.5	-0.5	—	32	—	20	—	73	—	0	84	42	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 58

" sunset 17 22

From Observations taken at 8h. to-day.

Saturday 17th October, 1931 ١٩٣١ السبت ١٧ اكتوبر

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from mean	Temperature Max. yesterday	Temperature Diff from normal	Temperature Min. yesterday	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall 24 h.	Rainfall Since 1st Sept.	Rainfall Same period last year	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1021.4	+2.3	+4.3	SW	3	0	20.2	+0.7	-2.2	30		18		66	-4	0	1	4	1
	MATRUH	1020.8	+1.8	+4.3	SE	2	0	20.2	-1.2	-2.0	28	+2	17	-1	78	+4	0	10	10	1
	ALEXANDRIA	1020.8	+1.7	+4.1	E	1	0	25.3	+2.8	+2.1	29	+1	20	0	68	-2	0	0	3	1
	PORT SAID	1019.9	+0.8	+5.2	ENE	4	1	24.2	+0.6	0.0	28	0	22	+1	66	-3	0	7	2	3
	GAZA	—	—	—	—	0	0	22.4	-0.8	-1.2	27	-1	16	-1	64	-4	0	2	4	
	HAIFA	1017.8	+0.4	+3.9	—	0	0	25.6	+0.7	+0.3	30	+1	18	+1	56	-8	0	0	9	1
LOWER EGYPT	TANTA	1020.3	+0.9		N	1	0	21.8	-0.1		30		17		73		0	0		
	ZAGAZIG	1019.2	+0.4	+3.4	NNE	2	0	20.8	+1.8	+0.5	30	0	16	-1	71	-7	0	6	1	
	GIZA	1019.2	0.0	+3.4	NNE	2	0	21.2	+2.1	—	28	-1	14	-1	73	—	0	4	1	
	HELWAN	1018.8	-0.3	+2.7	NE	2	0	22.0	-0.7	+0.9	29	0	20	+2	62	-4	0	6	1	
	SIWA	1020.8	+0.2	+4.4	—	0	0	20.1	+3.0	-0.1	31	-1	11	-4	66	+4	0	0	0	
SUEZ	SUEZ	1018.4	+0.8	+3.2	N	4	0	22.0	+0.2	+0.3	30	0	20	0	70	-7	0	0	2	4
	TOR	1016.2	+0.2	+2.6	NE	3	0	24.0	0.0	-0.5	27	-2	17	-1	—	—	0	0	0	0
	PORCHADA	1015.5	-0.3		NW	6	0	25.6	+0.6		30		19		70		0	0		3
	QOSEIR	1015.8	+0.8		WNW	5	0	27.6	+0.6		30		24		44		0	0		5
UPPER EGYPT	[illegible]	1019.0	+0.4	+3.5	N	4	0	22.0	+2.0	0.0	30	0	18	+2	66	+2	0	0		
	MINIA	1017.4	-1.2		NNE	2	0	20.0	+0.8	-1.2	29	0	16	-1	77	+2				
	[illegible]	1017.1	-1.3	+2.2	WSW	2	0	21.6	+0.5	-0.1	28	-2	18	0	69	+2	0	0		
	[illegible]	1015.4	-0.9		W	2	0	22.8	+0.6	-2.0	35	0	20	+2	70	+14				
	[illegible]	1015.5	-1.5		—	0	0	24.0	+0.7		32		17		50		0	0		
	ASSIUT	1014.3	-0.4	+1.1	NNE	1	0	25.0	+0.2	-0.8	37	+1	22	+2	35	-6				
	[illegible]	1012.3	-1.2	-0.9	N	1	0	24.4	+0.4	-0.1	37	+1	22	+3	37	+1				
	[illegible]	1010.0	-0.6	-1.0	NE	1	0	32.5	+2.5	+2.7	44	+4	25	+2	22	-7	0	0	1	
	ATBARA	1008.6	-0.4	-1.3	SE	2	0	31.0	+1.0	+0.3	41	+2	24	+1	42	+18	0	0	1	
	KHARTOUM	1009.8	-0.2	+0.8	WSW	1	1	31.1	+1.1	+2.0	40	+1	27	+3	49	+14	0	10	3	
	[illegible]	1013.4	+1.0	+1.5	NW	2	0	30.3	-0.6	-0.1	34	0	26	+2	72	+7	0	0	5	2
	ASSWAN																			
	WADI HALFA																			
	[illegible]	1009.1	-1.7	-1.2	SSW	1	0	26.5	0.0	+0.9	35	-1	20	0	66	-3	0	42	16	
	[illegible]	1008.4	+0.4		WNW	1	0	24.0	+0.5	-0.9	39	+3	17	-1	39	+3	0	0	4	
	[illegible]	1009.1	-1.9	-2.1	WNW	2	3	28.2	+0.9	+0.7	37	+1	23	+4	59	+12	0	6	10	
	[illegible]	1010.6	-0.8	-0.4	ENE	1	3	24.7	-0.9	-1.5	34	0	23	+2	88	+12	0	80	41	
	ASWAN																			
	JUBA																			

Wind Observation

Hours	Force	Direction
0900	30	NE
1000	30	ENE
1500	10	E
2000	15	WSW
3000	20	WSW

General situation

8.30

A high-pressure is centred over the Mediterranean coast of Egypt, with a pronounced gradient towards the northern part of the Red Sea.

The Mediterranean depression is now situated over the Aegean and is moving slowly to east-northeast.

يوجد ارتفاع فوق الساحل الشمالي للبحر الابيض وانحدار الضغط نحو شمال البحر الأحمر شديد نوعا - أما انخفاض البحر الابيض فهو الآن فوق بحر ايجه ويتحرك ببطء شرقا لشمال شرقه.

Forecast for 24 hours from noon to day.

On the coast, light easterly winds, becoming variable tomorrow. Inland moderate to fresh northeasterly winds.

Clear today; occasional medium cloud tomorrow. Slightly cooler tomorrow.

[illegible] ظهر اليوم الى ظهر غد

رياح خفيفة شرقية على الساحل تصير مختلفة الاتجاه باكر ورياح شمالية شرقية بين المعتدلة والشديدة نوعا في الداخل. السماء صحو اليوم ثم تظهر بعض السحاب المتوسط الارتفاع احيانا باكر - الطقس اقل للبرودة باكر.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	70	+2	20.0	+0.8
Ezbekiya	62	-4	17.7	-1.6
Giza	63	-6	18.1	—
Helwan	46	-8	17.2	+0.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices in m 3 per sec

DATE	1931	1930
16.10	5092	4303
15.10	5220	4456

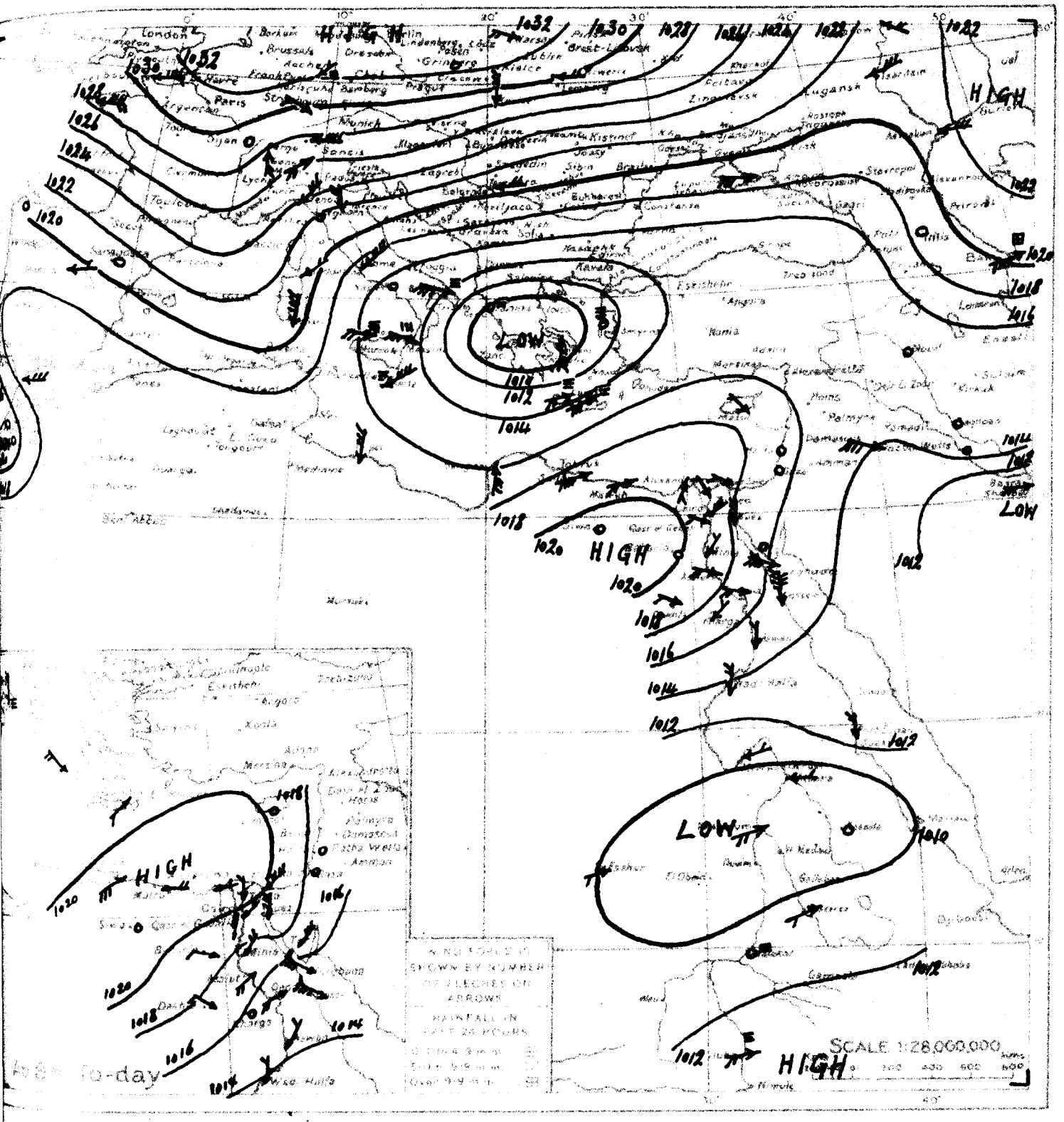
GAUGE	Date	Reading	Diff from normal	Rise	
	1931	m	m	m	
Juba	16.10	13.92	+0.23	13.65	-0.05
Nasser	15.10	10.52	+0.03	10.52	+0.03
Malakal	16.10	12.20	-0.05	12.19	-0.05
Roseires	17.10	17.60	+1.70	17.60	+1.60
Sennar Res.	16.10	17.20	—	17.20	—
Makwar	16.10	9.70	+0.34	9.72	+0.27
Khartoum	16.10	14.46	+0.36	14.36	+0.21
Kh. el Girba	15.10	12.30	+0.55	12.28	+0.48
Atbara	17.10	13.26	+0.16	13.10	-0.05
Wadi Halfa	17.10	5.86	-0.18	5.92	-0.18
Aswan Res.	16.10	97.68	—	97.61	—
" D.S.	16.10	90.29	-0.23	90.37	-0.22
El Lethi	17.10	22.30	-0.09	22.18	-0.20
Roda (Cairo)	17.10	18.18	-0.32	18.14	-0.35

PRINTED AT THE SURVEY OF EGYPT 1929(29/699/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-١٠-١٦ Barometer and Wind at 8 h. Yesterday 16.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١٠-١٦ From Observations taken at 8 h. yesterday. 16.10.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea level	Change in past 24 hours	Diff from normal	Direction	Force		At 8 h.	Change in past 24 hours	Diff from normal	Maximum Yesterday	Diff from normal	Minimum	Diff from normal	At 8 h.	Diff from normal	Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1017.5	+1.9	+1.9	NE	4	2	11	-5	—	20	—	9	—	50	—	—	—	57	—
MALTA	1015.3	-0.8	-2.2	NNE	4	3	17	-4	—	22	-3	16	-2	40	—	1	39	33	3
ATHENS	1008.7	-4.1	-8.5	S	5	4	17	-1	—	—	—	—	—	70	—	—	—	20	—
CANDIA	1014.6	-1.4	-3.7	SW	3	1	24	+2	—	28	+5	17	0	—	—	3	19	18	2
MASSOL	1017.4	+5.6	+2.3	NW	1	0	22	-1		27	-1	14	-2	—	—	0	7	11	1

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 05 59

" " sunset 16 21

From Observations taken at 8h. to-day.

Sunday 18th October, 1931 ١٩٣١ الأحد ١٨ اكتوبر

Region	Station	Barometer: Reduced to Sea level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff from normal	Temperature: Minimum last night	Temperature: Diff from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Last 24 hours	Rainfall: Since 1st Sept.	Rainfall: Since 1st Jan.	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
Mediterranean	SOLLUM	1019.4	−2.0	+2.2	SW	2	0	21.1	+0.9	−1.2	30	—	18	—	58	−12	0	1	4	1
	MATRUH	1018.3	−2.5	+1.8	—	0	0	20.2	0.0	−1.9	26	0	17	−1	91	+17	0	10	11	1
	ALEXANDRIA	1017.6	−3.2	+0.8	NNE	1	2	26.4	+1.1	+3.3	30	+2	21	+1	66	−4	0	0	3	1
	PORT SAID	1016.4	−3.5	+1.7	E	2	0	24.2	0.0	+0.1	27	−1	22	+1	66	−3	0	7	2	2
	GAZA																			
	HAIFA	1016.8	−1.0	+2.8	—	0	0	27.5	+1.9	+2.4	31	+3	23	+6	68	+5	0	0	9	1
Lower Egypt	TANTA	1017.0	−3.3	—	NNW	1	0	21.9	+0.1	—	30	—	17	—	82	—	0	0		
	EZBEKIYA	1016.0	−3.2	+0.1	NE	1	0	19.9	−0.9	−0.2	31	+1	16	−1	81	+3	0	6	1	
	GIZA	1016.4	−2.8	+0.6	N	2	0	21.0	−0.2	—	30	+1	15	0	80	—	0	4	1	
	HELWAN	1015.2	−3.6	−1.0	ENE	1	0	21.8	−0.2	+0.7	31	+2	19	+1	70	+4	0	6	1	
	SIWA	1019.0	−1.8	+2.5	—	0	0	19.2	−0.9	−0.8	31	0	14	−1	74	+12	0	0	0	
Red Sea	SUEZ	1014.4	−4.0	−0.9	N	3	0	21.8	−0.2	+0.2	31	+1	20	+1	75	−2	0	0	2	2
	TOR	1013.9	−2.3	+0.2	—	0	0	22.5	−1.5	−1.9	28	−1	18	0	70	+2	0	0	0	0
	HURGHADA																			
	QOSSEIR	1012.4	−3.4	—	NW	6	0	28.2	+0.6	—	31	—	24	—	44	—	0	0		5
Upper Egypt	DERAU	1016.4	−2.6	+0.8	NW	4	0	21.5	−0.5	−0.4	32	+2	19	+3	71	+7	0	0		
	MINYA	1015.1	−2.3	—	NNE	2	0	20.5	+0.5	−0.6	30	+1	16	−1	82	+7				
	ASYUT	1015.1	−2.0	+0.1	W	2	0	21.7	+0.1	+0.1	31	+1	20	+3	78	+11	0	0		
	SOHAG	1013.1	−2.3		NNW	1	0	23.7	+0.9	−0.9	36	+2	20	+2	48	−8				
	KHARGA	1013.0	−2.5		ENE	1	0	24.7	+0.7	—	36	—	17		36	—	0	0		
	ASWAN	1012.6	−1.7	−0.7	—	0	0	26.0	+1.0	+0.4	41	+5	23	+3	42	0				
	WADI HALFA	1010.4	−1.9	−2.9	NNE	1	0	25.0	+0.6	+0.6	42	+6	20	+1	33	−3				
	GERGE	1009.5	−0.5	−1.6	NE	1	0	31.5	−1.0	+1.9	44	+4	25	+2	27	−2	0	0	1	
	ATBARA	1009.5	+0.9	−0.5	E	1	0	32.5	+1.5	+2.0	41	+2	22	−1	34	+10	0	0	1	
	KHARTOUM	1007.8	−2.0	−1.3	N	1	0	33.2	+2.1	+4.2	40	+1	28	+4	39	+4	drops	10	3	
	KORE SUDAN	1011.9	−1.5	−0.1	N	2	0	31.1	+0.8	+0.8	35	+2	27	+3	68	+3	0	0	5	2
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1007.2	−1.9	−3.0	SSW	1	2	26.5	0.0	+0.8	37	+1	22	+2	73	+4	0	42	17	
	EL FASHER																			
	EL OBEID																			
	MALAKAL	1009.0	−1.6	−1.9	NNE	1	0	28.2	+3.5	+2.0	35	+1	24	+3	79	+4	0	80	44	
	WAU	1007.8	−1.5	−2.2	W	1	0	28.0	+3.1	+2.6	33	−1	22	+2	77	−2	0	152	70	
	JUBA																			

General Situation

The high-pressure north of Egypt is weakening and shallow depressions are situated over the Aegean and between Malta and Bengazi.

8.30

الحالة العامة

ان الارتفاع الذى فوق شمال مصر آخذ فى الضعف وهناك انخفاضين ضحلين احدهما فوق بحر ايجه والثانى بين مالطه وبنى غازى .

500	15	NE
1000	5	NE
1500	15	WSW
2000	40	WSW
3000	60	WSW

Forecast for 24 hours from noon to-day.

On the coast light variable winds, chiefly northeast, veering to southwest tomorrow. Inland moderate northeasterly winds.
Clear or occasional medium cloud.
Little change in temperature.

توقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر غد

رياح خفيفة مختلفة الاتجاه على الساحل اكثرها شمالية شرقية تتحول الى جنوبية غربية باكر - ورياح معتدلة شمالية شرقية فى الداخل - السماء صحو او تغير بتبعد السحاب المتوسط الارتفاع احيانا - ولا تتغير درجة الحرارة الا قليلا .

STATION	Humidity Mean of Dry: Yesterday	Humidity Mean of Dry: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	74	+6	21.8	+2.6
Ezbekiya	60	−6	18.4	−0.8
Giza	62	−7	18.6	—
Helwan	55	+1	17.9	+0.9

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
18.10	4936	4036
17.10	5014	4188

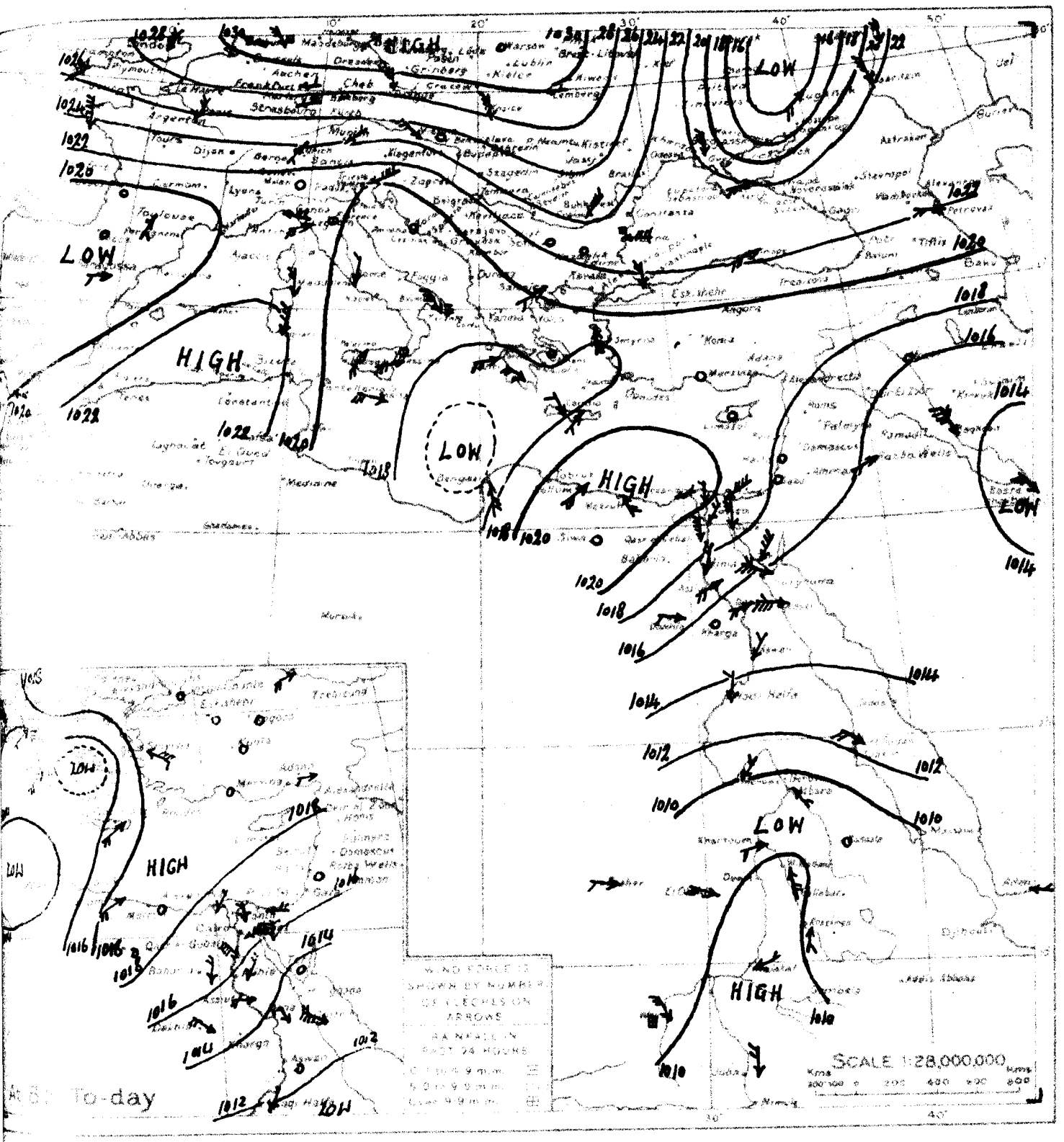
GAUGE	Date	Reading	Diff from normal	Reading	
	1931	m	m	m	
Juba	17.10	13.60	−0.08	13.92	+0.23
Nasser	17.10	10.53	+0.03	10.53	+0.04
Malakal	18.10	12.20	−0.05	12.20	−0.05
Roseires	17.10	17.60	+1.70	17.60	+1.60
Sennar Res.	17.10	17.19	—	17.20	—
Makwar	17.10	9.68	+0.43	9.70	+0.34
Khartoum	18.10	14.43	+0.45	14.46	+0.42
Kh. el Girba	17.10	12.10	+0.45	12.14	+0.44
Atbara	18.10	13.40	+0.36	13.26	+0.16
Wadi Halfa	18.10	5.81	−0.14	5.86	−0.18
Aswan Res.	18.10	97.74	—	97.71	—
" D.S.	18.10	90.15	−0.20	90.22	−0.21
El Leithi	18.10	22.58	+0.18	22.30	−0.09
Roda (Cairo)	18.10	18.40	−0.12	18.18	−0.32

PRINTED AT THE SURVEY OF EGYPT (929(20/669/1)) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٧-١٠-٣١ Barometer and Wind at 8 h. Yesterday. 17.10.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
Cloudy	1
Cloudy	2
Cloudy	3
Entirely cloudy	4
Raining	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٧-١٠-٣١ From Observations taken at 8 h. yesterday 17.10.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN: ROME	1018.2	+0.7	+2.7	NE	1	4	12	+1	—	14	—	9	—	60	—	—	—	61	—
MALTA	1019.0	+3.7	+1.5	WNW	3	1	17	0	—	18	-6	14	-4	50	—	0	39	35	2
ATHENS	1019.8	+11.1	+2.6	—	0	4	13	-4	—	—	—	—	—	90	—	—	—	22	—
CANDIA	1019.8	+5.2	+1.6	SW	1	4	23	-1	—	30	+7	20	+3	—	—	0	19	20	1
LIMASSOL	1018.8	+1.4	+3.7	—	0	0	24	+2		29	+1	14	-2	—	—	0	7	12	1
EGYPT and SUDAN: Kassala	1009.0	-0.8	-0.8	—	0	0	31.0	+2.0	+0.1	38	0	24	+1	50	+5	0	8	6	—
Wad Medani	1010.7	—	+1.3	S	2	0	29.5	—	+0.8	37	-2	23	+1	58	+11	0	9	6	—
Wau	1009.3	-1.3	-0.8	NW	3	2	24.9	-0.5	-0.5	34	0	21	+1	88	+9	19	152	66	—
Juba	1011.9	-0.4	—	N	2	1	26.9	+0.9	—	33	—	22	—	74	—	0	88	49	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 00

" sunset 17 20

From Observations taken at 8h. to-day.

Monday 19th October, 1931

١٩٣١ الاثنين ١٩ اكتوبر

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Highest yesterday	Temperature: Diff. from normal	Temperature: Lowest last night	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Sept.	Rainfall: Total since 1st Jan. (yesterday)	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
SOLLUM	1014.8	−4.6	−2.5	WSW	6	0	21.8	+0.7	−0.4	30	—	18	—	40	−30	0	1	4	3
MATRUH	1015.1	−3.2	−1.5	SSE	3	0	21.0	+0.8	−1.0	25	−1	17	0	75	+1	0	10	12	2
ALEXANDRIA	1016.7	−0.9	−0.1	S	1	0	22.2	−4.2	−0.8	30	+2	20	0	85	+15	0	0	3	1
PORT SAID	1016.2	−0.2	+1.4	SW	2	8	21.8	−2.4	−2.2	28	0	20	0	90	+21	0	7	2	1
GAZA	—	—	—	—	0	0	21.8	−1.6	−1.5	27	−1	16	−1	70	+2	0	2	5	
[illegible]	1013.5	−3.3	−0.6	—	0	0	25.3	−2.2	+0.3	30	+2	21	+4	68	+5	0	0	10	2
TANTA	1016.6	−0.4	—	NW	1	0	18.8	−3.1	—	31	—	17	—	90		0	0	—	
EZBEKIYA	1016.2	+0.2	+0.2	WNW	2	0	18.9	−1.0	−1.1	31	+2	16	−1	87	+9	0	6	1	
GIZA	1016.6	+0.2	+0.7	NNW	1	8	18.4	−2.6	—	30	+1	16	+1	100	—	0	4	1	
HELWAN	1016.0	+0.8	−0.3	NE	1	0	18.9	−2.9	−2.2	30	+1	18	0	90	+24	0	6	1	
[illegible]	1017.1	−1.9	+0.6	—	0	0	19.7	+0.5	−0.2	31	0	12	−3	58	−4	0	0	0	
[illegible]	1014.6	+0.2	−0.7	N	3	0	22.0	+0.2	+0.4	30	0	19	0	76	−1	0	0	2	3
[illegible]	1013.8	−0.1	0.0	NE	5	0	24.0	+1.5	−0.3	28	0	19	+1	60	−8	0	0	0	2
HURGHADA	1013.1	+0.1		NW	6	0	25.4	−1.0		30		22		80		0	0		3
QOSEIR																			
[illegible]	1016.8	+0.4	+1.2	NW	2	0	21.4	−0.1	−0.4	31	+1	17	+1	82	+18	0	0		
[illegible]	1016.0	+0.9		NNE	3	2	19.5	−1.0	−1.5	30	+1	16	−1	86	+11				
[illegible]	1015.6	+0.5	+0.6	WNW	2	0	21.8	+0.1	+0.4	31	+1	20	+3	64	−4	0	0		
[illegible]	1013.8	+0.7		WNW	2	0	23.9	+0.2	−0.6	37	+3	21	+3	67	+11				
[illegible]	1014.0	+1.0		N	1	0	25.2	+0.5		36		19		46		0	0		
[illegible]	1012.2	−0.4	−1.2	—	0	0	27.0	+1.0	+1.7	43	+7	22	+2	36	−6				
[illegible]	1011.1	+0.7	−2.3	NE	1	0	26.2	+1.2	+1.9	43	+7	20	+1	34	−3				
[illegible]	1009.6	+0.1	−1.6	NE	1	0	31.0	−0.5	+1.5	44	+4	23	+1	19	−10	0	0	1	
[illegible]	1008.8	+1.0	−0.3	N	1	1	29.0	−4.2	+0.1	41	+2	24	0	30	−5	0	10	3	
[illegible]	1013.4	+1.5	+1.4	W	1	2	30.9	−0.2	+0.7	36	+3	24	0	80	+15	0	0	6	1
[illegible]	1009.3	0.0	−0.1	E	3	0	30.0	0.0	+1.4	42	+3	22	0	89	+44	0	9	7	
[illegible]	1007.4	+0.2	−2.8	NW	1	0	27.5	+1.0	+1.8	38	+2	22	+2	67	−1	0	42	18	
[illegible]	1007.8	+0.2		WNW	1	0	27.0	+0.5	+2.3	38	+2	23	+6	46	+11	0	0	5	
[illegible]	1008.3	+1.6	−3.0	WNW	2	0	30.0	0.0	+2.6	38	+2	23	+4	48	+2	0	6	11	
[illegible]	1010.3	+1.3	−0.6	SSE	1	0	27.8	−0.4	+1.6	36	+2	22	+1	71	−4	0	80	46	
[illegible]	1008.7	+0.9	−1.3	W	2	0	28.9	+0.9	+3.5	36	+2	21	+1	62	−17	0	152	74	

General Situation

حالة عامة

8.30

The high-pressure over Egypt continues to weaken. An area of low pressure extends from Greece to the Black Sea, with a shallow depression situated over the Aegean. Pressure in the west of Egypt is falling sharply.

لا يزال الانخفاض آخذا فى الاضمحلال فوق مصر وهناك منطقة انخفاض ممتدة بين اليونان والبحر الاسود مع انخفاض قليل الغور فوق بحر ايجه - والضغط آخذ فى الهبوط بسرعة فوق غرب مصر.

500	25	NE
1000	35	ENE
1500	10	NW
2000	10	WSW
3000	30	WSW

Forecast for 24 hours from noon to-day.

On the coast moderate winds between south and west, freshening. Inland light northeasterly winds, backing to west later. Clear or occasional medium cloud. Little change in temperature.

Possibility of light rain on the coast tomorrow.

[illegible] الطقس من الظهر الى الغد

رياح معتدلة بين جنوبية وغربية على الساحل تزداد شدة قوتها رياح خفيفة شمالى شرقية فى الداخل تتحول الى غربية فيما بعد صحو او بعض سحاب متوسط الارتفاع احيانا لا تتغير درجة الحرارة الا قليلا - ويحتمل تساقط مطر خفيف على الساحل باكر.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	72	+4	20.5	+1.4
Ezbekiya	60	−6	18.6	−0.5
Giza	58	−11	19.0	—
Helwan	50	−4	17.9	+1.0

NOTE A dash means that figures are not available

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" " Abroad PT. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
19.10	4872	4112
18.10	4936	4036

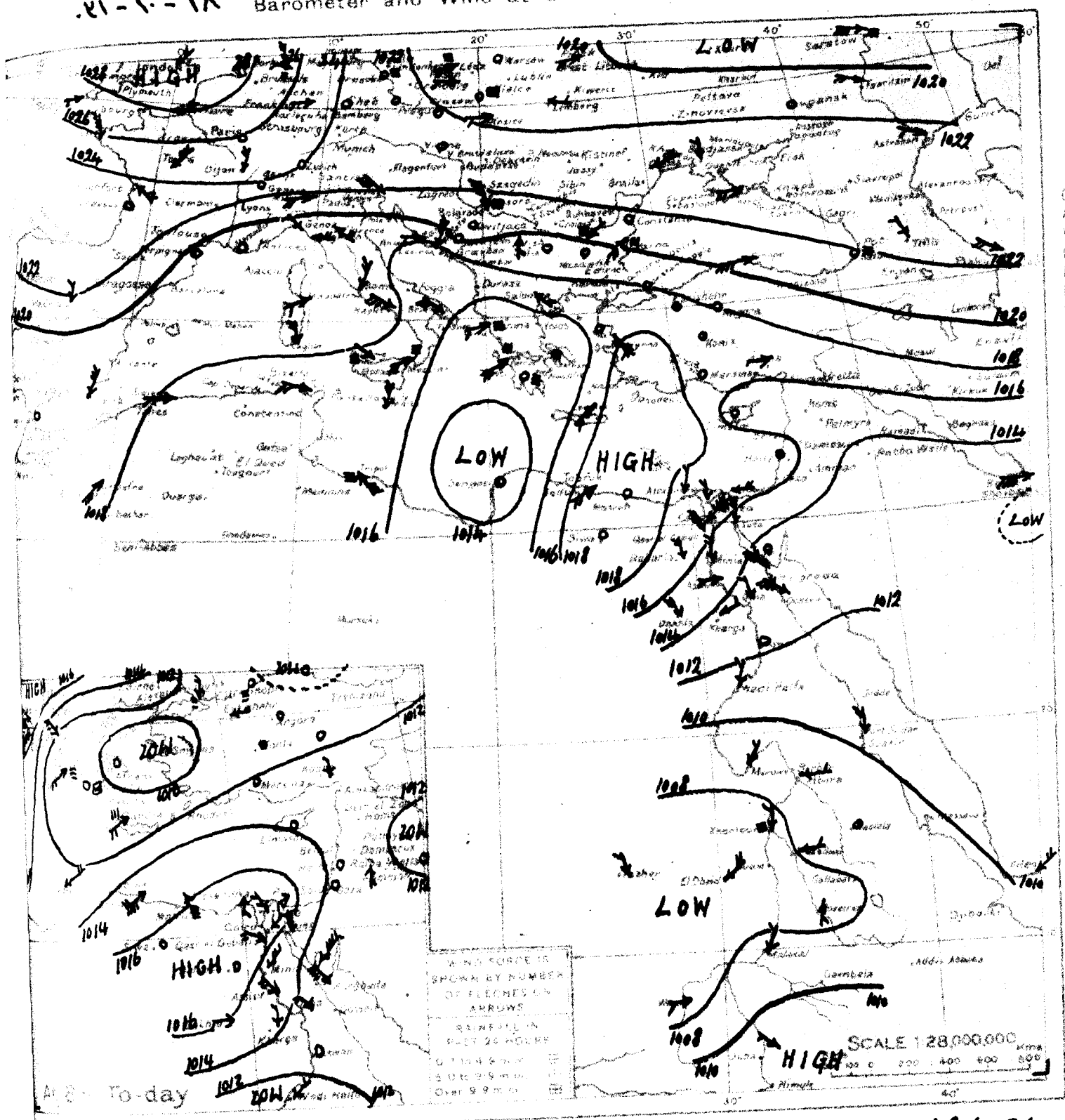
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	18.10	13.62	−0.05	13.60	−0.08
Nasser	18.10	10.54	+0.04	10.53	+0.03
Malakal	18.10	12.20	−0.05	12.20	−0.05
Roseires	19.10	17.03	+1.33	17.30	+1.50
Sennar Res.	18.10	17.20	—	17.19	—
Makwar	18.10	9.76	+0.61	9.68	+0.43
Khartoum	19.10	14.43	+0.53	14.43	+0.45
Kh. el Girba	18.10	12.10	+0.50	12.10	+0.45
Atbara	19.10	13.42	+0.44	13.40	+0.36
Wadi Halfa	19.10	5.75	−0.13	5.81	−0.14
Aswan Res.	19.10	97.65	—	97.74	—
" D.S.	19.10	90.10	−0.18	90.15	−0.20
El Leithi	19.10	22.68	+0.28	22.58	+0.18
Roda (Cairo)	19.10	18.54	0.00	18.40	−0.17

PRINTED AT THE SURVEY OF EGYPT 1930(20/549/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٨-١٠-٣١. Barometer and Wind at 8 h. Yesterday 18.10.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1/4 Clouded	1
1/2 Clouded	2
3/4 Clouded	3
Entirely clouded	4
Rain	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٨-١٠-٣١. From Observations taken at 8 h. yesterday. 18.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.8	+0.6	+3.3	NE	2	0	9	-3	—	—	—	6	—	70	—	—	—	65	—
	MALTA	1017.1	-1.9	-0.5	NNE	2	4	18	+1	—	20	-4	16	-2	70	—	0	39	37	0
	ATHENS	1015.5	-4.3	-1.7	—	0	4	17	+4	—	—	—	—	—	90	—	—	—	23	—
	CANDIA	1016.7	-3.1	-1.5	SW	2	2	25	+2	—	27	+4	21	+4	—	—	0	19	21	2
	LIMASSOL	1014.6	-4.2	-0.6	—	0	0	26	+2		29	+1	14	-1	—	—	0	7	13	1
EGYPT and SUDAN	Hurghada	1013.0	-2.5	—	NW	6	0	26.4	+0.8	—	30	—	19	—	77	—	0	0	—	3
	Kassala	1008.8	-0.2	-1.0	—	0	0	32.0	+1.0	+1.1	38	0	21	-2	28	-17	0	8	6	—
	Wad Medani	1009.3	-1.4	-0.1	E	1	0	30.0	+0.5	+1.4	40	+1	23	+1	75	+29	0	9	7	—
	El Fasher	1007.6	-0.8	—	NNW	1	0	26.5	+2.5	+1.7	39	+3	19	+1	37	+7	0	0	5	—
	El Obeid	1006.7	-2.4	-4.6	NE	2	0	30.0	+1.8	+2.5	37	+1	22	+3	50	+3	0	6	10	—
	Juba	1010.2	-1.7	—	NW	1	1	25.5	-1.4	—	34	—	20	—	72	—	0	[illegible]	52	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 00

" sunset 17 19

From Observations taken at 8h. to-day.

Tuesday 20th October, 1931 ١٩٣١ الثلاثاء ٢٠ أكتوبر

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from norms	Temperature Maximum yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Since 1st Sept.	Rainfall Since 1st Jan.	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1020.0	+5.2	+2.6	WNW	2	0	17.4	-4.4	—	33	—	14	—	61	—	0	1	—	1
	MATRUH	1017.2	+2.1	+0.6	NNE	3	4	22.0	+1.0	+0.1	32	+6	20	+3	80	+6	0	10	12	4
	ALEXANDRIA	1015.8	-0.9	-1.1	N	3	3	24.0	+1.8	+1.1	33	+5	20	+1	83	+13	0	0	4	3
	PORT SAID	1015.6	-0.6	+0.8	SSE	3	0	23.0	+1.2	-0.9	28	0	19	-1	78	+9	0	7	2	2
	GAZA	—	—	—	SW	1	0	22.6	+0.8	-0.5	28	0	17	+1	71	+3	0	2	5	
	HAIFA	1013.8	+0.3	-0.4	—	0	0	24.5	-0.8	-0.4	30	+2	20	+3	65	+2	0	0	10	2
LOWER EGYPT	TANTA	1014.8	-1.8	—	NE	1	0	21.7	+2.9	—	32	—	18	—	79	—	0	0	—	—
	EZBEKIYA	1015.9	-0.3	-0.2	SSE	1	0	20.2	+1.3	+0.3	33	+4	16	-1	66	-12	0	6	1	—
	GIZA	1016.0	-0.6	0.0	—	0	0	19.9	+1.5	—	32	+3	13	-2	80	—	0	4	1	—
	HELWAN	1016.2	+0.2	-0.2	—	0	0	23.0	+4.1	+2.0	33	+4	19	+2	47	-19	0	6	1	—
	SIWA	1019.6	+2.5	+3.0	NE	1	0	20.2	+0.5	+0.4	33	+2	15	0	78	+16	0	0	0	—
RED SEA	SUEZ	1014.7	+0.1	-0.7	—	0	0	21.0	-1.0	-0.5	33	+3	16	-3	68	-9	0	0	2	0
	TOR	1014.6	+0.8	+0.6	—	0	0	25.0	+1.0	+0.9	29	+1	17	-1	53	-15	0	0	0	0
	HURGHADA	1014.3	+1.2	—	NW	5	3	27.0	+1.6	—	31	—	18	—	64	—	0	0	—	2
	QOSSEIR	1013.9	—	—	WNW	3	0	29.3	—	—	31	—	24	—	23	—	0	0	—	2
UPPER EGYPT	ASSIUT	1017.6	+0.8	+1.9	W	1	0	20.4	-1.0	-1.3	33	+3	15	0	53	-11	0	0		
	MINYA	1017.0	+1.0	—	NNE	1	0	20.5	+1.0	-0.4	30	+1	15	-2	64	-11				
	ASWAN	1016.7	+1.1	+1.6	WNW	3	0	22.6	+0.8	+1.3	30	0	19	+2	63	-5	0	0		
	KENA	1014.3	+0.5	—	WNW	2	2	23.6	-0.3	-0.8	37	+3	22	+5	62	+6				
	KHARGA	1014.6	+0.6	—	—	0	1	26.0	+0.8	—	36	—	19	—	41	—	0	0		
	ASWAN	1013.1	+0.9	-0.4	—	0	0	26.4	-0.6	+1.2	42	+6	22	+2	34	-8	—	—	—	
SUDAN	WADI HALFA	1011.9	+0.8	-1.6	N	1	0	25.8	-0.4	+1.6	41	+5	20	+1	28	-9				
	MEROWE																			
	ATBARA	1009.3	-0.9	-0.8	NE	2	0	33.0	+1.0	+2.8	41	+2	24	+1	30	+6	0	0	1	
	KHARTOUM	1009.5	+0.7	+0.4	ENE	1	0	29.2	+0.2	+0.4	41	+2	23	-1	30	-4	0	10	3	
	PORT SUDAN	1012.4	-1.0	+0.3	E	1	2	30.9	0.0	+0.8	35	+2	24	0	75	+10	0	0	6	1
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1008.0	+0.6	-2.2	SSW	1	0	28.0	+0.5	+2.3	38	+2	21	+1	63	-5	0	42	19	
	EL FASHER	1008.4	+0.6	—	WSW	1	0	27.0	0.0	+2.3	39	+3	21	+4	46	+11	0	0	5	
	EL OBEID	1008.8	+0.5	-2.5	WSW	2	0	28.7	-1.3	+1.4	39	+3	21	+2	55	+9	0	6	12	
	MALAKAL																			
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at 8 h. 30 m.

Height (metres)	Kms per hour	Direction
500	10	WNW
1000	15	NNW
1500	10	WSW
2000	10	W
3000	70	WSW

General Situation

A shallow depression is passing over the Delta. The main depression is moving over Asia Minor, and pressure over the central Mediterranean and western Egypt is now rising.

الحالة العامة

يجتاز الدلتا الآن انخفاض قريب الغور ويجتاز الانخفاض الرئيسي آسيا الصغرى والضغط آخذ في الصعود الآن فوق غرب مصر وأواسط البحر الأبيض المتوسط.

Forecast for 24 hours from noon to-day.

On the coast moderate north to north west winds; inland light south winds, veering to west and northwest later, and becoming moderate. Clear today, some medium cloud tomorrow. Cooler tomorrow.

توقعات الطقس من ظهر اليوم الى ظهر غد

رياح معتدلة بين شمالية وشمالية غربية على الساحل ورياح خفيفة جنوبية في الداخل تتحول الى غربية وشمالية غربية وتصير معتدلة فيما بعد في الداخل. السماء صحو اليوم ثم تظهر بعض السحب المتوسطة الارتفاع بالغد. الطقس أبرد بالغد.

STATION	Humidity Mean of Day		Wet Bulb Temperature Mean of Day	
	Yesterday	Diff from normal	Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	72	+4	20.3	+1.3
Ezbekiya	67	+1	18.3	-0.7
Giza	81	+12	18.5	—
Helwan	56	+2	17.0	+0.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
20.10	4768	3978
19.10	4872	4112

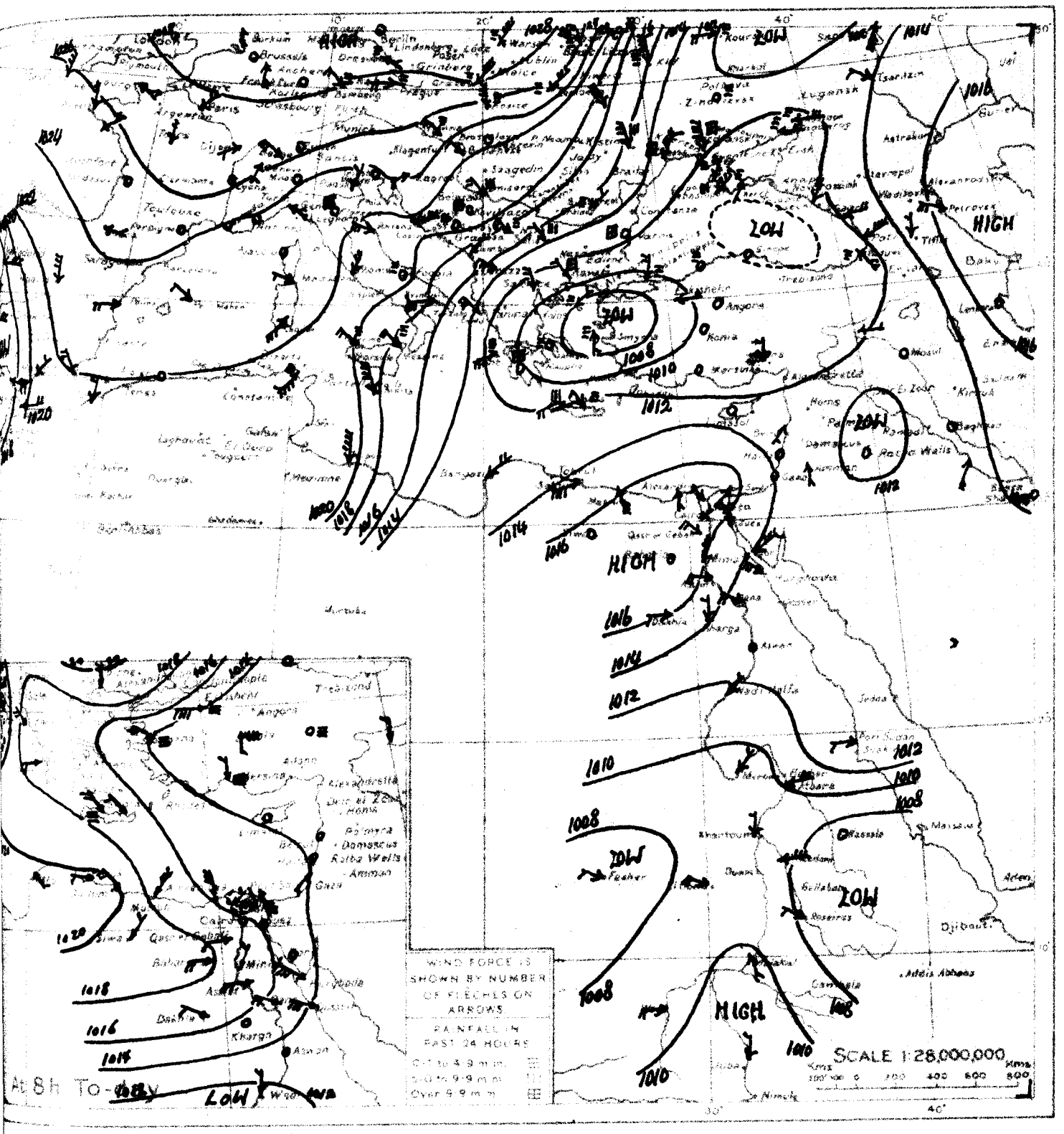
GAUGE	Date	Reading	Diff from normal	Reading	Diff from norms
	1931	m	m	m	m
Juba	19.10	13.60	-0.06	13.62	-0.05
Nasser	19.10	10.54	+0.04	10.54	+0.04
Malakal	19.10	12.20	-0.05	12.20	-0.05
Roseires	20.10	16.76	+1.16	17.03	+1.33
Sennar Res.	19.10	17.20	—	17.20	—
Makwar	19.10	9.48	+0.43	9.76	+0.61
Khartoum	19.10	14.43	+0.53	14.43	+0.45
Kh. el Girba	18.10	12.10	+0.50	12.10	+0.45
Atbara	20.10	13.36	+0.45	13.42	+0.44
Wadi Halfa	20.10	5.67	-0.13	5.75	-0.13
Aswan Res.	20.10	97.74	—	97.65	—
" D.S.	20.10	90.02	-0.18	90.10	-0.18
El Leithi	20.10	22.75	+0.37	22.68	+0.28
Roda (Cairo)	20.10	18.63	+0.08	18.54	0.00

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١٠-١٩ Barometer and Wind at 8 h. Yesterday 19.10.31.



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

STATE OF SKY	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Haze	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٠-١٩ From Observations taken at 8 h yesterday. 19.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Max. yesterday	Temperature: Diff. from normal	Temperature: Min. yesterday	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st yesterday	Rainfall: Normal from Oct. 1st yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.6	+2.8	+6.2	NE	2	0	11	+2	—	17	—	7	—	60	—	—	—	69	—
	MALTA	1018.0	+0.9	+0.4	NNW	4	1	18	0	—	19	-5	16	-2	50	—	0	39	39	3
	ATHENS	1009.5	-6.0	-7.7	—	0	5	15	-2	—	—	—	14	-1	90	—	Rain	—	24	—
	CANDIA	1012.7	-4.0	-5.3	NW	1	3	19	-6	—	27	+4	16	0	—	—	dr.	19	22	1
	LIMASSOL	1012.3	-2.3	-2.9	—	0	0	24	-2		30	+2	14	-1	—	—	0	7	18	0
EGYPT and SUDAN	Albara عطبرة	1010.2	+0.7	+0.1	E	2	0	32.0	-0.5	+1.6	41	+2	22	-1	30	+6	0	0	1	—
	Kassala كسلا	1007.0	-1.8	-2.8	—	0	0	34.0	+2.0	+3.1	40	+2	20	-3	18	-27	0	8	6	—
	Juba جوبا	1011.1	+0.9	—	N	1	3	25.1	-0.4	—	35	—	22	—	79	—	0	88	55	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO to morrow

Time of sunrise 06 01

sunset 17 18

From Observations taken at 8 h. to-day.

Wednesday 21st October, 1931 ١٩٣١ الاربعاء ٢١ اكتوبر

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total since 1st October	Rainfall Total since 1st October last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN: SOLLUM	1021.0	+1.0	+3.6	W	2	0	17.1	−0.3		24		12		71		0	1		0
MATRUH	1019.4	+2.2	+2.7	WNW	2	2	18.4	−3.6	−3.3	24	−2	15	−2	75	+1	0	10	13	2
ALEXANDRIA	1019.4	+3.6	+2.5	WNW	1	2	23.0	−1.0	+0.2	28	0	20	+1	52	−18	0	0	4	1
PORT SAID	1018.8	+3.2	+3.9	WNW	3	0	23.4	+0.4	−0.4	32	+4	21	+1	63	−6	0	7	2	3
GAZA	—	—	—	—	0	4	24.4	+1.8	+1.4	29	+1	18	+2	81	+13	0	2	5	
HAIFA	1015.5	+1.7	+1.2	—	0	4	24.7	+0.2	0.0	30	+2	20	+3	69	+6	5	5	11	2
NILE DELTA: TANTA	1019.4	+4.6		E	1	0	20.4	−1.3		32		16		72		0	0		
EZBEKIYA	1019.5	+3.6	+3.4	NNE	2	0	19.9	−0.3	+0.1	31	+2	17	0	74	−4	0	6	1	
GIZA	1019.4	+3.4	+3.3	—	0	0	19.7	−0.2	—	32	+3	14	−1	78	—	0	4	1	
HELWAN	1019.4	+3.2	+3.0	—	0	1	20.4	−2.6	−0.5	31	+2	18	+1	68	+1	0	6	1	
SIWA	1022.7	+3.1	+6.0	—	0	0	17.1	−3.1	−2.5	28	−3	12	−3	62	0	0	0	0	
RED SEA: SUEZ	1018.0	+3.3	+2.6	N	2	3	21.0	0.0	−0.4	33	+3	19	0	71	−6	0	0	3	1
TOR	1015.0	+0.4	+1.0	NE	5	3	25.1	+0.1	+1.1	30	+2	22	+4	69	+1	0	0	0	5
HURGHADA	1015.1	+0.8		WNW	5	1	26.9	−0.1		32		21		52		0	0		3
QOSSEIR	1014.6	+0.7		NW	6	0	29.0	−0.3		32		25		39		0	0		6
UPPER EGYPT: QENA	1019.9	+2.3	+4.1	N	1	0	20.0	−0.4	−1.6	33	+3	16	+1	72	+8	0	0		
MINIA	1018.6	+1.6		NNE	3	0	21.5	+1.0	+0.7	31	+2	19	+2	70	−5				
ASSIUT	1018.2	+1.5	+3.1	WNW	2	0	21.9	−0.7	+0.7	31	+1	20	+3	74	+6	0	0		
SOHAG	1015.6	+1.3		NW	1	0	23.4	−0.2	−0.8	37	+3	20	+3	66	+10				
KHARGA	1016.3	+1.7		E	1	0	26.0	0.0		35		20		47		0	0		
ASWAN	1014.6	+1.5	+1.0	NE	3	0	26.5	+0.1	+1.5	42	+6	25	+5	28	−14				
WADI HALFA	1012.7	+0.8	−0.9	NNE	2	0	26.0	+0.2	+2.0	42	+6	23	+4	28	−9				
WERAWE	1010.4	−0.7	−0.9	NE	1	0	30.5	0.0	+1.3	45	+5	25	+3	34	+4	0	0	1	
KORMA	1010.3	+1.0	+0.1	NNE	2	0	31.0	−2.0	+1.0	40	+1	23	0	34	+10	0	0	1	
KHARTOUM	1009.4	−0.1	+0.2	SW	1	0	30.8	+1.6	+2.2	40	+2	25	+2	33	−1	0	10	3	
KOSTI (SUDAN)	1013.4	+1.0	+1.2	E	1	2	31.0	+0.1	+1.0	34	+1	26	+2	71	+6	0	0	6	1
KASSALA	1009.5	+1.9	−0.2	—	0	0	30.5	−3.5	−0.4	40	+2	24	+1	45	0	0	8	7	
ABU HAMED: ROSEIRES	1009.0	+1.0	−1.1	—	0	0	26.5	−1.5	+0.8	38	+2	21	+1	66	−1	0	42	20	
EL FASHER	1008.3	−0.1		WNW	1	0	26.5	−0.5	+1.9	40	+4	19	+2	22	−13	0	0	5	
EL OBEID: MALAKAL	1010.0	−0.4	−0.9	—	0	1	28.8	+0.5	+2.6	35	+1	25	+4	75	0	0	83	52	
WAU: JUBA	1012.2	+0.6		NW	2	2	27.5	+1.4		35		22		67		0	88	61	

Upper Wind Observations at noon at 8.30

Height in metres	Km. per hour	Direction
500	20	NE
1000	30	NNW
1500	30	WNW
2000	65	W
3000		

General Situation

The depression has passed east of Egypt and high pressure has formed over western Egypt. An extensive but shallow depression is situated over northern Syria. Over the central Mediterranean pressure is again falling owing to a depression now centred over Italy.

الحالة الجوية

تحرك الانخفاض الى الجهة الشرقية من مصر وقد تكون ارتفاع بالجهة الغربية لها وهناك انخفاض قريب الغور الا انه يتسع فوق شمال سوريا اما فوق الوسط البحر الابيض فقد اخذ الضغط في الهبوط ثانية وذلك لوجود انخفاض مركزه فوق ايطاليا الآن.

Forecast for 24 hours from noon to day.

Light to moderate northwest to north winds. Occasional medium cloud. Cooler. Possibility of light rain on the coast.

توقعات الطقس من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة وبين شمالية غربية وشمالية بعض السحاب المتوسط الارتفاع احيانا. الطقس أميل للبرودة وربما تساقط مطر خفيف على الساحل.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	74	+6	20.2	+1.2
Ezbekiya	61	−5	19.0	0.0
Giza	70	+1	19.7	—
Helwan	52	−2	18.0	+1.2

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
21.10	4649	3889
20.10	4768	3978

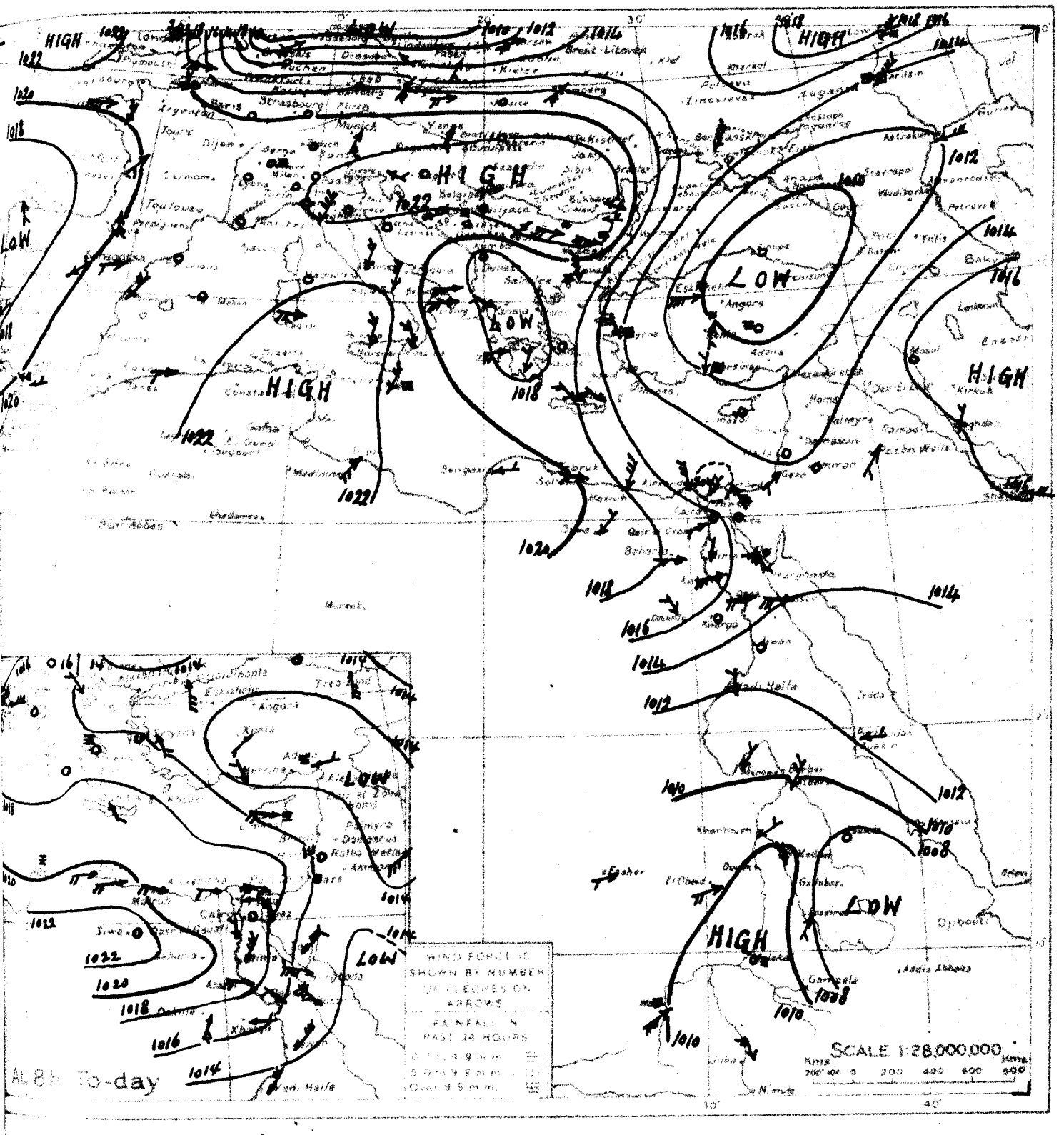
GAUGE	Date 1931	Reading m	Diff. from normal m	Reading m	Diff. from normal m
Juba	20.10	13.53	−0.13	13.60	−0.06
Nasser	20.10	10.55	+0.05	10.54	+0.04
Malakal	20.10	12.20	−0.05	12.20	−0.05
Roseires	21.10	16.55	+1.05	16.76	+1.16
Sennar Res.	20.10	17.21	—	17.20	—
Makwar	20.10	9.21	+0.26	9.48	+0.43
Khartoum	21.10	14.40	+0.65	14.42	+0.59
Kn. el Girba	18.10	12.10	+0.50	12.10	+0.45
Atbara	21.10	13.33	+0.48	13.36	+0.43
Wadi Halfa	21.10	5.61	−0.13	5.67	−0.13
Aswan Res.	21.10	97.78	—	97.74	—
" D.S.	21.10	89.94	−0.18	90.09	−0.18
El Leithi	21.10	29.88	+0.51	29.75	+0.37
Roda (Cairo)	21.10	18.70	+0.15	18.63	+0.08

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٠-٢٠ Barometer and Wind at 8 h. Yesterday 20.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١٠-٢٠ From Observations taken at 8 h. yesterday 20.10.31.

		BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	STATION	Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Max. Yesterday	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.6	0.0	+6.2	NE	2	0	10	-1	—	19	—	8	—	50	—	—	—	72	—
	MALTA	1020.4	+2.4	+2.8	NE	2	2	18	0	—	20	-4	16	-2	50	—	drops	39	42	2
	ATHENS	1018.8	+9.3	+1.6	—	0	1	13	-2	—	—	—	—	—	70	—	—	—	26	—
	CANDIA	1017.8	+5.1	-0.2	NW	1	1	17	-2	—	24	+1	15	-1	—	—	0	19	23	2
	MASSOUAH	1013.3	+1.0	-1.9	—	0	2	24	0		30	+2	16	+1	—	—	0	7	14	0
EGYPT and SUDAN	Merowe	1011.1	+1.5	-0.2	NE	1	0	30.5	-0.5	+1.2	46	+6	25	+3	34	+4	0	0	1	—
	Kassala	1007.6	+0.6	-2.2	—	0	0	34.0	0.0	+3.1	40	+2	25	+2	33	-12	0	8	7	—
	Wad Medani	1010.6	+1.3	+1.2	N	2	0	30.0	0.0	+1.4	41	+2	22	0	82?	+38	0	9	7	—
	Malakal	1010.4	+0.1	-0.5	—	0	1	28.3	+0.5	+2.1	35	+1	22	+1	77	+2	3	83	49	—
	Wau	1010.0	+1.3	+0.1	SW	4	2	25.4	-3.5	-0.1	31	-3	21	+1	77	-2	4	156	78	—
	Juba	1011.6	+0.5	—	NW	2	2	26.1	+1.0	—	34	—	21	—	76	—	0	20	58	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 02

" sunset 17 17

From Observations taken at 8 h. to-day.

Thursday 22nd October, 1931

١٩٣١ الخميس ٢٢ اكتوبر

STATION	Barometer Reduced to Sea Level	Diff. from Normal	Diff. from Yesterday	Wind Direction	Wind Force	Sky	Temp. At 8 h.	Change during 24 hours	Diff. from Normal	Max. Temp.	Diff. from Normal	Min. Temp.	Diff. from Normal	Humidity At 8 h.	Diff. from Normal	Rainfall 24 hours	Rainfall 48 hours	Rainfall Total since 1st Sept.	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1023.2	+2.2	+5.7	SW	3	0	18.7	+1.6	—	25	—	15	—	67		0	1	—	1
MATRUH	1023.0	+3.6	+6.3	SE	2	0	18.2	−0.2	−3.3	23	−3	15	−2	78	+4	0	10	14	2
ALEXANDRIA	1022.7	+3.3	+5.8	S	1	0	22.0	−1.0	−0.7	28	0	18	−1	66	−4	0	0	4	1
PORT SAID	1022.0	+3.2	+7.0	N	3	0	24.0	+0.6	+0.3	28	0	19	−1	55	−14	0	7	2	2
GIZA	—	—	—	—	0	0	21.8	−2.6	−1.1	27	−1	16	0	75	+7	1	3	5	
HELWAN	1019.9	+4.4	+5.5	—	0	3	24.1	−0.6	−0.5	28	0	20	+4	69	+6	0	5	12	2
TANTA	1022.6	+3.2		NW	1	0	19.9	−0.5		28		15		73		0	0		
EZBEKIYA	1022.4	+2.9	+6.2	NE	2	0	18.8	−1.1	−0.8	28	−1	16	−1	69	−9	0	6	1	
MINIA	1022.3	+2.9	+6.2	N	1	0	19.3	−0.4	—	27	−2	14	−1	77		0	4	1	
ASSIUT	1022.3	+2.4	+5.8	NE	3	0	19.8	−0.6	−1.0	26	−3	16	−1	61	−6	0	6	1	
KENA	1023.5	+0.8	+2.7	—	0	0	17.8	+0.7	−1.6	29	−2	12	−2	67	+5	0	0	0	
SOHAG	1020.6	+2.6	+5.1	N	2	0	19.5	−1.5	−1.8	27	−3	17	−2	72	−5	0	0	3	1
KOSSEIR	1018.0	+3.0	+3.9	—	0	0	22.8	−2.3	−1.1	31	+3	17	0	60	−7	0	0	0	0
KHARGA	1018.2	+3.1		NW	7	0	24.2	−2.7		31		18		54		0	0		4
DAKHLA	1017.6	+3.0		N	7	0	26.3	−2.7		32		24		45		0	0		8
SIWA	1022.2	+2.3	+6.3	NW	1	0	19.0	−1.0	−2.5	28	−2	14	−1	72	+8	0	0		
BENI SUEF	1021.9	+3.3		NNE	1	0	18.5	−3.0	−2.2	27	−2	14	−3	80	+5				
FASHN	1021.5	+3.3	+6.3	W	2	0	20.2	−1.7	−0.8	31	+2	17	0	55	−13	0	0		
SAMALUT	1018.8	+3.2		NW	1	0	21.0	−2.4	−3.0	38	+4	18	+1	72	+16				
ASYUT	1017.5	+2.9	+3.8	NNE	2	0	25.0	−1.5	+0.1	38	+3	22	+2	32	−11				
MINIA HORN	1015.1	+2.4	+1.4	NNE	2	0	26.4	+0.4	+2.6	39	+3	22	+4	30	−7				
BENI SUEF	1012.6	+2.2	+1.2	NE	1	0	30.5	0.0	+1.5	44	+4	25	+3	26	−4	0	0	1	
FAYOUM	1009.5	−0.8	−0.8	E	2	0	32.5	+1.5	+2.6	40	+2	24	+1	31	+7	0	0	1	
WASTA	1010.8	+1.4	+1.6	WSW	1	3	31.2	+0.4	+2.8	40	+2	28	+5	47	+13	drops	10	3	
RODA	1014.0	+0.6	+1.8	N	3	2	30.4	−0.6	+0.5	34	+1	26	+2	73	+8	0	0	7	3
ASWAN	1009.9	+0.9	−0.2	WSW	1	0	25.5	−1.0	−0.2	37	+1	21	+1	72	+5	11	53	21	
WADI HALFA	1010.0	+1.7		WSW	1	0	25.0	−1.5	+0.5	40	+4	19	+2	47	+12	0	0	6	
SARAS	1011.2	+1.8	−0.1	WNW	2	4	27.0	−2.0	−0.3	38	+2	22	+3	59	+14	drops	6	13	
KORTI	1011.2	+1.2	+0.3	NNE	1	1	28.7	−0.1	+2.5	36	+2	24	+3	66	−8	0	83	54	
DONGOLA	1010.7	+0.1	+0.8	WSW	3	0	28.0	+1.0	+2.5	34	0	22	+2	63	−16	0	158	86	

General Situation

8.45 The high pressure over Egypt has strengthened, but there appears to be a shallow depression off the coast in the west.

قد ازداد الارتفاع الذي فوق مصر ولكنه يظهر ان هناك انخفاض قريب الغور بالقرب من الساحل الغربي.

1200	20	ENE
1800	20	NNE
1500	25	NE

Forecast for 24 hours from noon to day.

On the coast light to moderate southerly winds, veering to west. Inland light to moderate north to northeast winds.
Occasional medium cloud.
Little change in temperature.

رياح بين الخفيفة والمعتدلة جنوبية على الساحل تتحول الى غربية - ورياح بين الخفيفة والمعتدلة بين شمالية وشمالية شرقية في الداخل - يظهر بعض السحاب المتوسط الارتفاع احيانا - ولا تتغير درجة الحرارة الا قليلا.

STATION	Humidity Mean of Day		Wet Bulb Temperature Mean of Day	
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	58	−9	18.3	−0.6
Ezbekiya	61	−5	17.6	−1.3
Giza	65	−5	17.5	—
Helwan	50	−5	16.1	−0.6

NOTE. A dash means that figures are not available

Terms of Subscription. By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1931	1930
22.10	4553	3945
21.10	4649	3889

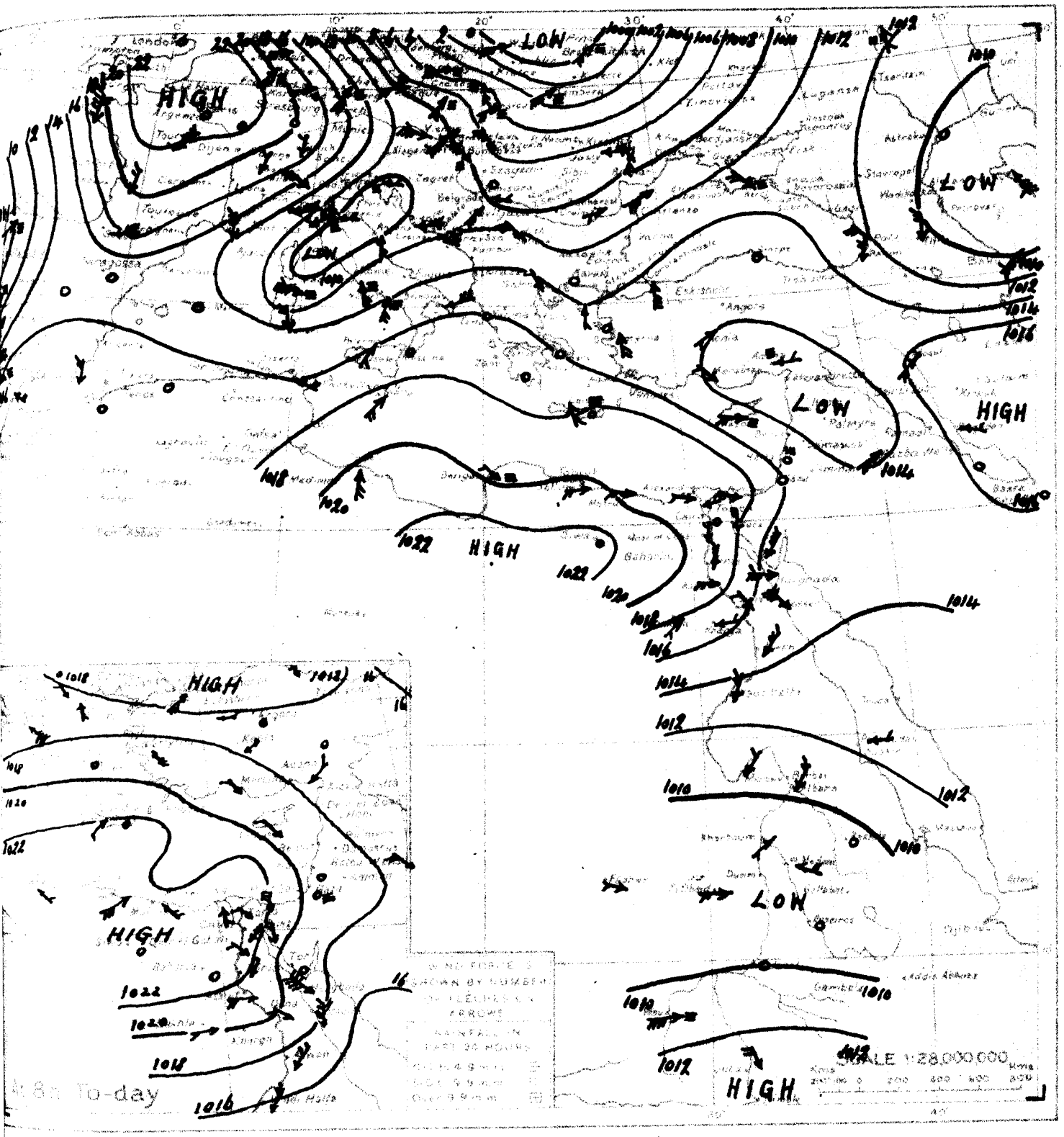
GAUGE	Date	Reading	I.H. from normal	Reading	
	1931	m	m	m	
Juba	21.10	13.52	−0.13	13.53	−0.13
Nasser	21.10	10.55	+0.04	10.55	+0.05
Malakal	22.10	12.20	−0.05	12.20	−0.05
Roseires	21.10	16.55	+1.05	16.76	+1.16
Sennar Res.	21.10	17.20	—	17.21	—
Makwar	21.10	8.97	+0.12	9.21	+0.26
Khartoum	21.10	14.40	+0.65	14.42	+0.59
Kh. el Girba	19.10	12.08	+0.53	12.10	+0.50
Atbara	21.10	13.33	+0.40	13.36	+0.43
Wadi Halfa	22.10	5.61	−0.04	5.61	−0.13
Aswan Res.	22.10	77.70	—	77.78	—
" D.S.	22.10	89.86	−0.20	89.94	−0.18
El Leithi	22.10	22.95	+0.69	22.88	+0.51
Roda (Cairo)	22.10	18.77	+0.22	18.70	+0.15

PRINTED AT THE SURVEY OF EGYPT 1929(20/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٠-٣١ Barometer and Wind at 8 h. Yesterday 21.10.31.



WIND VELOCITY

	Kilom.	Force
Calm	0-1	0
Almost calm	5-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-20	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
[illegible]	1
[illegible]	2
[illegible]	3
Entirely clouded	4
Raining	5
Sand [illegible]	6
[illegible]	7
Mist or fog	8
Thunder storm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١٠-٣١ From Observations taken at 8 h. yesterday 21.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.3	-9.3	-2.9	S	2	4	14	+4	—	19	—	11	—	70	—	trace	—	76	—
	MALTA	1018.4	-2.0	+0.8	SW	2	1	17	-1	—	20	-4	13	-5	50	—	0	39	44	1
	ATHENS	1016.0	-2.8	-1.2	—	0	1	14	+1	—	—	—	—	—	70	—	—	—	27	—
	CANDIA	1018.3	+0.5	+0.3	—	0	1	19	+2	—	22	-1	12	-4	—	—	19	38	25	1
	LIMASSOL	1015.0	+1.7	-0.4	WNW	2	1	22	-2		29	+1	14	-1	—	—	trace	7	15	2
EGYPT and SUDAN	Wad Medani	1009.9	-0.7	+0.5	ESE	2	0	32.0	+2.0	+3.5	40	+1	22	0	76?	+33	0	9	8	—
	El Obeid	1009.4	+0.6	-1.9	W	2	1	29.0	+0.3	+1.7	38	+2	22	+3	59	+14	0	6	12	—
	Wau	1010.6	+0.6	+0.7	W	4	1	27.0	+1.6	+1.5	34	0	22	+2	73	-6	2	158	82	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 03

" " sunset 17 16

From Observations taken at 8 h. to-day.

Friday 23rd October, 1931 ١٩٣١ الجمعة ٢٣ اكتوبر

	STATION	Barometer Reduced to Sea Level	Change in last 24 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff from normal	Max.	Diff from normal	Min.	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall Last 24 hours	Since 1st Sept.	Since 1st Jan.	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1024.4	+1.2	+6.9	SW	3	0	19.0	+0.3		28		16		54		0	1	—	1
	MATRUH	1024.4	+1.4	+7.6	SE	2	0	20.2	+2.0	-1.2	25	-1	15	-2	66	-9	0	10	14	2
	ALEXANDRIA	1024.0	+1.3	+7.0	NNE	2	2	24.6	+2.6	+2.0	27	0	20	+1	56	-14	0	drops	4	1
	PORT SAID	1022.7	+0.7	+7.7	ENE	3	2	23.5	-0.5	-0.1	28	+1	21	+1	53	-16	0	7	2	3
	GAZA	—	—	—	NE	1	0	22.1	+0.3	-0.6	26	-2	15	-1	64	-4	0	3	6	
	HAIFA	1020.8	+0.9	+6.3	—	0	0	22.5	-1.6	-2.0	27	-1	16	0	62	-1	0	5	12	2
LOWER EGYPT	TANTA	1023.1	+0.5		NW	1	0	20.6	+0.7		28		15		70		0	drops		
	CAIRO EZBEKIYA	1022.3?	-0.1	+6.0	NNW	1	0	18.0	-0.8	-1.5	28	-1	15	-1	73	-5	0	6	1	
	CAIRO GIZA	1023.1	+0.8	+6.9	NNW	1	0	18.2	-1.1	—	28	0	13	-1	80	—	0	4	1	
	CAIRO HELWAN	1023.0	+0.7	+6.4	NE	3	0	19.8	0.0	-0.9	27	-2	17	0	60	-7	0	6	1	
	SIWA	~~1018.3~~	-5.2	+1.5	—	0	0	18.5	+0.7	-0.7	30	-1	11	-3	68	+6	0	0	0	
RED SEA	SUEZ	1020.6	0.0	+5.1	N	2	0	20.0	+0.5	-1.2	27	-3	18	-1	64	-13	0	0	3	2
	TOR	1017.6	-0.4	+3.4	—	0	1	22.0	-0.8	-1.7	31	+3	16	-1	57	-10	0	0	0	1
	HURGHADA	1018.0	-0.2		NW	7	0	23.5	-0.7		29		17		59		0	0		4
	QOSSEIR	1017.9	+0.3		WNW	6	0	25.8	-0.5		29		23		45		0	0		6
UPPER EGYPT	GEBEL	1022.4	+0.2	+6.5	N	3	0	21.0	+2.0	-0.4	28	-2	15	0	61	-3	0	0		
	MINIA	1021.6	-0.3		N	2	0	18.5	0.0	-2.1	26	-2	14	-3	76	0				
	ASSIUT	1021.5	0.0	+6.2	WNW	2	0	19.5	-0.7	-1.4	28	-1	18	+2	57	-11	0	0		
	SOHAG	1019.0	+0.2		WNW	2	0	20.2	-0.8	-3.6	35	+1	16	-1	65	+9				
	KHARGA	1019.9	+0.8		N	2	0	22.0	-2.3		33		17		49		0	0		
	ASWAN	1017.9	+0.4	+4.2	N	2	0	23.2	-1.8	-1.5	35	0	19	-1	38	-5				
SUDAN	WADI HALFA	1016.0	+0.9	+2.2	N	4	0	22.2	-4.2	-1.4	37	+2	19	+1	41	+4				
	MEROWE	1012.6	0.0	+1.1	NE	1	0	29.0	-1.5	+0.1	42	+3	23	+1	34	+4	0	0	1	
	ATBARA	1010.6	+1.1	+0.3	NE	3	0	30.0	-2.5	+0.2	40	+2	24	+1	38	+14	0	0	1	
	KHARTOUM	1011.1	+0.3	+1.8	ENE	2	0	30.4	-0.8	+2.1	40	+2	25	+2	36	+2	0	10	4	
	PORT SUDAN	1014.0	0.0	+1.7	N	3	0	29.6	-0.8	-0.2	34	+1	26	+2	75	+10	0	0	7	3
	KASSALA	1009.5	+0.2	-0.2	ESE	1	0	31.0	-2.0	+0.2	40	+2	26	+3	45	0	0	8	8	
	WAD MEDANI																			
	ROSEIRES	1009.6	-0.3	-0.4	S	1	0	26.5	+1.0	+0.8	36	0	21	+1	66	-1	0	53	22	
	EL FASHER	1009.3	-0.7		NNW	3	0	27.5	+2.5	+3.2	41	+5	21	+4	43	+9	0	0	6	
	EL OBEID	1009.8	-1.4	-1.6	N	1	0	30.0	+3.0	+2.8	37	+1	23	+4	33	-11	0	6	13	
	MALAKAL	1011.5	+0.3	+0.6	SW	1	2	29.0	+0.3	+2.8	36	+2	23	+2	71	-3	trace	83	57	
	NAS	1011.2	+0.5	+1.4	SW	4	1	27.0	-1.0	+1.5	35	+1	21	+1	63	-15	0	158	90	
	JUBA	1015.8	+3.1		NW	2	4	21.8?	-4.8		35		19		88		10	98	67	

Sea Wind Direction at Sunrise

Sea Wind Force at Sunrise

General Situation حالة عمومية

500
1000
1500
2000
2500

Forecast for 24 hours from noon to day.

STATION	Humidity Mean of Day		Wet Bulb Temperature Mean of Day	
	Yesterday	Diff from normal	Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	66	-1	18.7	-0.1
Ezbekiya	57	-9	16.6	-2.2
Giza	61	—	17.6	—
Helwan	47	-8	15.5	-1.2

NOTE. A dash means that figures are not available

Terms of Subscription. By inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

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

DATE	1931	1930
23.10	4489	3901
22.10	4553	3945

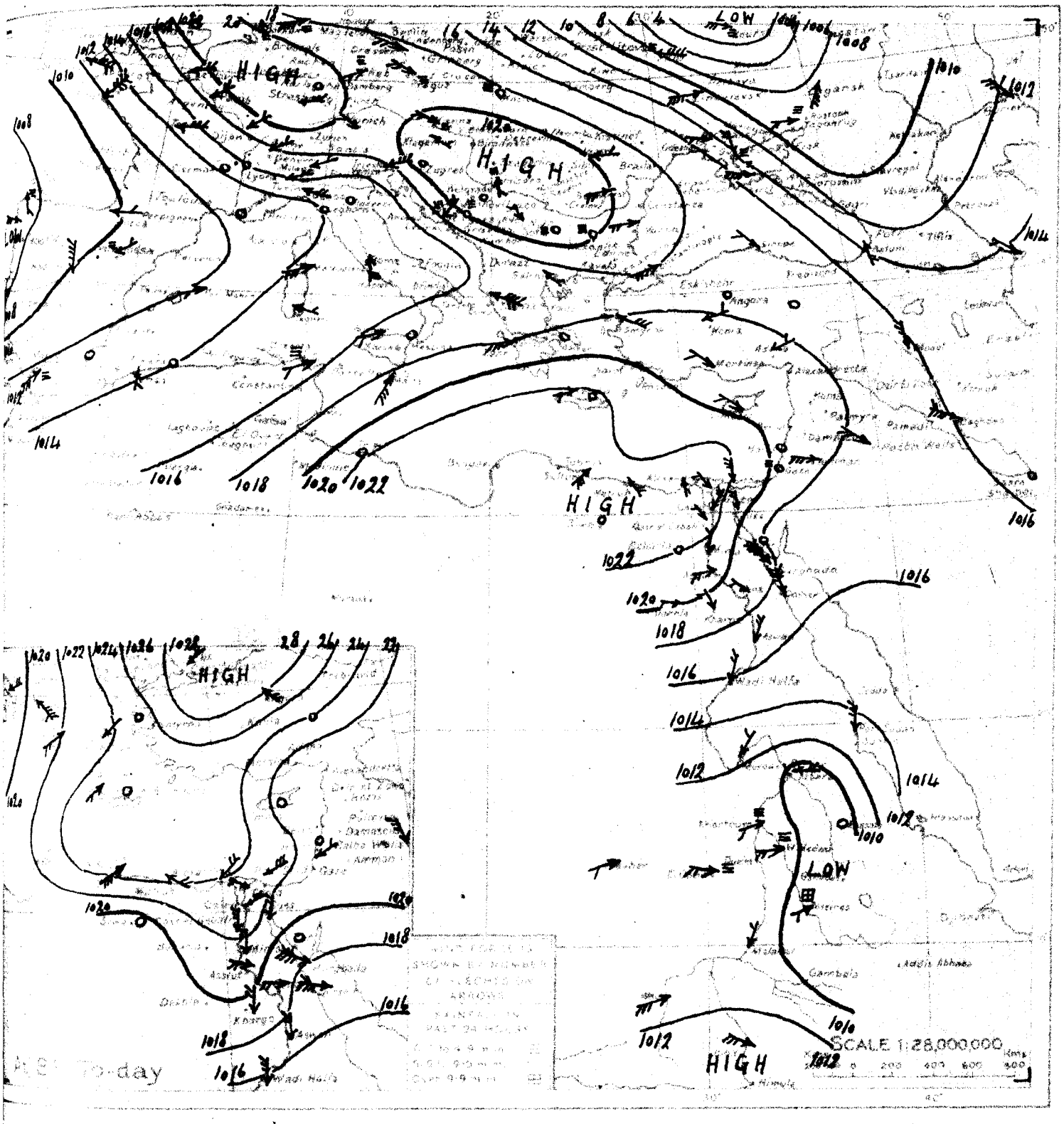
GAUGE	Date	Reading	Diff from normal	Rise	
	1931	m	m	m	m
Juba	23.10	13.52	-0.13	13.52	-0.13
Nasser	22.10	10.55	+0.04	10.55	+0.04
Malakal	22.10	12.20	-0.05	12.20	-0.05
Roseires	22.10	16.32	+0.90	16.55	+1.05
Sennar Res.	23.10	17.20	—	17.20	—
Makwar	23.10	8.58	-0.07	8.81	+0.05
Khartoum	22.10	14.30	+0.61	14.40	+0.65
Kh. el Girba	21.10	11.90	+0.45	12.08	+0.58
Atbara	21.10	13.33	+0.48	13.36	+0.45
Wadi Halfa	22.10	5.61	-0.04	5.61	-0.13
Aswan Res.	23.10	97.69	—	97.70	—
" D.S.	23.10	89.83	-0.07	89.86	-0.20
El Leithi	22.10	22.95	+0.60	22.88	+0.51
Roda (Cairo)	22.10	18.77	+0.22	18.70	+0.15

PRINTED AT THE SURVEY OF EGYPT 1625(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٠-CC Barometer and Wind at 8 h. Yesterday 22.10.31.



٢١-١٠-CC From Observations taken at 8 h. yesterday. 22.10.31.

	BAROMETER			WIND		SKY	TEMPERATURE							HUMIDITY		RAINFALL			SEA
	Reduced to Sea Level	Change in last 24 hours	Diff. from normal	Direction	Force		At 8 h.	Change in last 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	At 8 h.	Diff. from normal	Last 24 hours	Total since 1st Jan.	Total last year	
	mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN: ROME	1015.8	+3.5	+0.7	S	2	4	16	+2	—	25	—	13	—	80	—	—	—	80	—
MALTA	1018.7	+0.3	+0.9	SSW	3	1	21	+4	—	22	-2	17	-1	70	—	0	39	46	1
ATHENS	1019.8	+3.8	+2.6	—	0	2	16	+2	—	—	—	—	—	70	—	—	—	28	—
CANDIA	1022.7	+4.4	+4.8	—	0	1	19	0	—	24	+2	13	-3	—	—	0	38	26	1
SMASSOL	1019.6	+4.6	+4.2	WNW	1	0	21	-1		25	-2	14	-1	—	—	0	7	16	0
EGYPT and SUDAN: Khargah	1019.1	+2.8	—	NNW	1	0	24.3	-1.7	—	33	—	20	—	35	—	0	0	—	—
Kassala	1009.3	-0.2	-0.4	—	0	0	33.0	+2.5	+2.2	40	+2	25	+2	34	-11	0	8	7	—
Wad Medani	1011.6	+1.7	+2.1	W	2	1	30.5	-1.5	+2.1	38	-1	24	+2	50	+8	2	11	8	—
Juba	1012.7	+0.5	—	NW	3	1	26.6	-0.9	—	35	—	20	—	75	—	0	88	64	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 03

sunset 17 15

From Observations taken at 8h. to-day.

Saturday 24th October, 1931 ١٩٣١ السبت ٢٤ أكتوبر

STATION	Barometer Reduced to Sea Level	Diff. from normal	Diff. from yesterday	Wind Direction	Force	Sky	Temperature At 8 h.	Diff. from normal	Diff. from yesterday	Max.	Diff. from normal	Min.	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Hours	Amount	Max. per hr.	Sea
SOLLUM	1023.8	-0.6	+6.2	SW	3	0	19.4	+0.4		26		16		63		0	1	—	0
MATRUH	1023.1	-1.3	+6.3	ESE	1	0	19.2	-1.0	-2.1	25	-1	15	-2	74	-1	0	10	15	0
ALEXANDRIA	1022.2	-1.8	+5.2	NNE	2	1	24.2	-0.4	+1.7	28	+1	20	+1	65	-5	0	dr.	4	1
PORT SAID	1020.4	-2.3	+5.3	ENE	3	0	23.5	0.0	0.0	26	-1	21	+1	53	-16	0	7	2	2
GAZA	—	—	—	—	0	2	22.4	+0.3	-0.2	26	-2	15	-1	77	+8	0	3	6	
[illegible]	1017.5	-3.3	+3.0	—	0	0	24.8	+2.3	+0.4	28	0	19	+3	58	-5	0	5	13	1
[illegible]	1021.1	-2.0		WNW	1	2	20.4	-0.2		29		16		71		0	dr.		
[illegible]	1020.8	-1.5	+4.4	NNE	2	0	18.0	0.0	-1.3	28	-1	15	-1	75	-3	0	6	1	
[illegible]	1020.8	-2.3	+4.5	NNE	1	0	18.1	-0.1	—	28	-2	12	-2	81	—	0	4	1	
HELWAN	1020.4	-2.6	+3.8	NNE	2	0	20.1	+0.3	-0.5	26	-2	17	0	65	-2	0	6	1	
[illegible]	1023.5	+5.2	+6.6	—	0	0	17.8	-0.7	-1.3	29	-1	11	-3	61	-2	0	0	0	
SUEZ	1019.4	-1.2	+3.8	N	2	4	20.0	0.0	-1.1	27	-3	16	-3	72	-5	0	0	3	1
[illegible]	1016.6	-1.0	+2.3	—	0	0	22.7	+0.7	-0.9	27	-1	15	-2	55	-12	0	0	0	0
[illegible]	1016.8	-1.2		NW	7	0	23.3	-0.2		29		18		68		0	0		4
[illegible]	1016.7	-1.2		N	6	0	25.8	0.0		29		23		55		0	0		6
[illegible]	1021.2	-1.2	+5.2	NW	2	0	20.4	-0.6	-0.9	27	-3	15	0	67	+3	0	0		
[illegible]	1018.6	-3.0		N	3	0	19.0	+0.5	-1.4	26	-2	14	-3	76	0				
[illegible]	1019.6	-1.9	+4.2	NW	3	0	18.6	-0.9	-2.1	27	-2	16	0	65	-3	0	0		
[illegible]	1017.4	-1.6		NW	2	0	19.9	-0.3	-3.7	33	-1	16	-1	69	+12				
[illegible]	1018.2	-1.7		NE	2	0	22.0	0.0		29		17		58		0	0		
[illegible]	1016.4	-1.5	+2.6	NNE	2	0	22.3	-0.9	-2.2	34	-1	17	-2	42	-1				
[illegible]	1016.4	+0.4	+2.5	N	2	0	20.2	-2.0	-3.2	34	-1	17	-1	48	+9				
[illegible]	1012.6	0.0	+1.0	NE	2	0	29.0	0.0	+0.3	41	+2	23	+1	34	+4	0	0	1	
[illegible]	1010.7	+0.1	+0.3	E	2	0	30.0	0.0	+0.4	40	+2	23	+1	37	+12	0	0	1	
[illegible]	1010.6	-0.5	+1.3	NE	1	1	28.5	-1.9	+0.3	38	0	24	+1	32	-2	0	10	4	
[illegible]	1013.8	-0.2	+1.4	N	3	2	30.4	+0.8	+0.7	33	0	25	+1	73	+7	0	0	7	3
[illegible]	1009.4	-0.2	-0.6	WNW	1	0	27.5	+1.0	+1.8	36	0	21	+1	67	+1	0	53	23	
[illegible]	1011.9	+2.6		WNW	1	0	25.0	-2.5	+0.8	41	+5	21	+4	58	+24	0	0	6	
[illegible]	1010.7	+0.9	-0.7	NW	2	2	28.7	-1.3	+1.6	38	+2	22	+3	49	+6	0	6	14	
[illegible]	1012.8	+1.3	+1.9	N	1	1	26.8	-2.2	+0.6	34	0	25	+4	81	+8	0	83	59	
[illegible]	1011.8	+0.6	+2.0	W	3	2	25.0	-2.0	-0.5	35	+1	22	+2	80	+2	9	167	94	

General Situation

8 30 *Egypt remains an area of high pressure. An extensive and deep depression covers western Europe, and pressure over the central Mediterranean is falling.*

لا تزال مصر منطقة ارتفاع وهناك انخفاض عميق ومتسع فوق غرب اوروبا والضغط آخذ فى الهبوط فوق أواسط البحر الأبيض المتوسط.

500	20	NE
1000	35	NE
FL	40	NNE
2000	5	NW
3000	15	SSW

Forecast for 24 hours from noon to-day.

Light to moderate northerly and northeasterly winds. Occasional medium cloud. Little change in temperature.

رياح بين الخفيفه والمعتدله شماليه وشماليه شرقيه. يظهر بعض السحب المتوسط الارتفاع أحيانا. ولا تتغير درجة الحراره الا قليلا.

STATION	Humidity Mean of Day		Air Temperature Mean of Day	
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%		
Alexandria	61	-6	23.1	+4.4
Ezbekiya	65	-1	17.2	-1.5
Giza	67	-3	17.7	—
Helwan	52	-3	16.1	-0.5

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.		
DATE	1931	1930
23.10	4489	3901
22.10	4553	3945

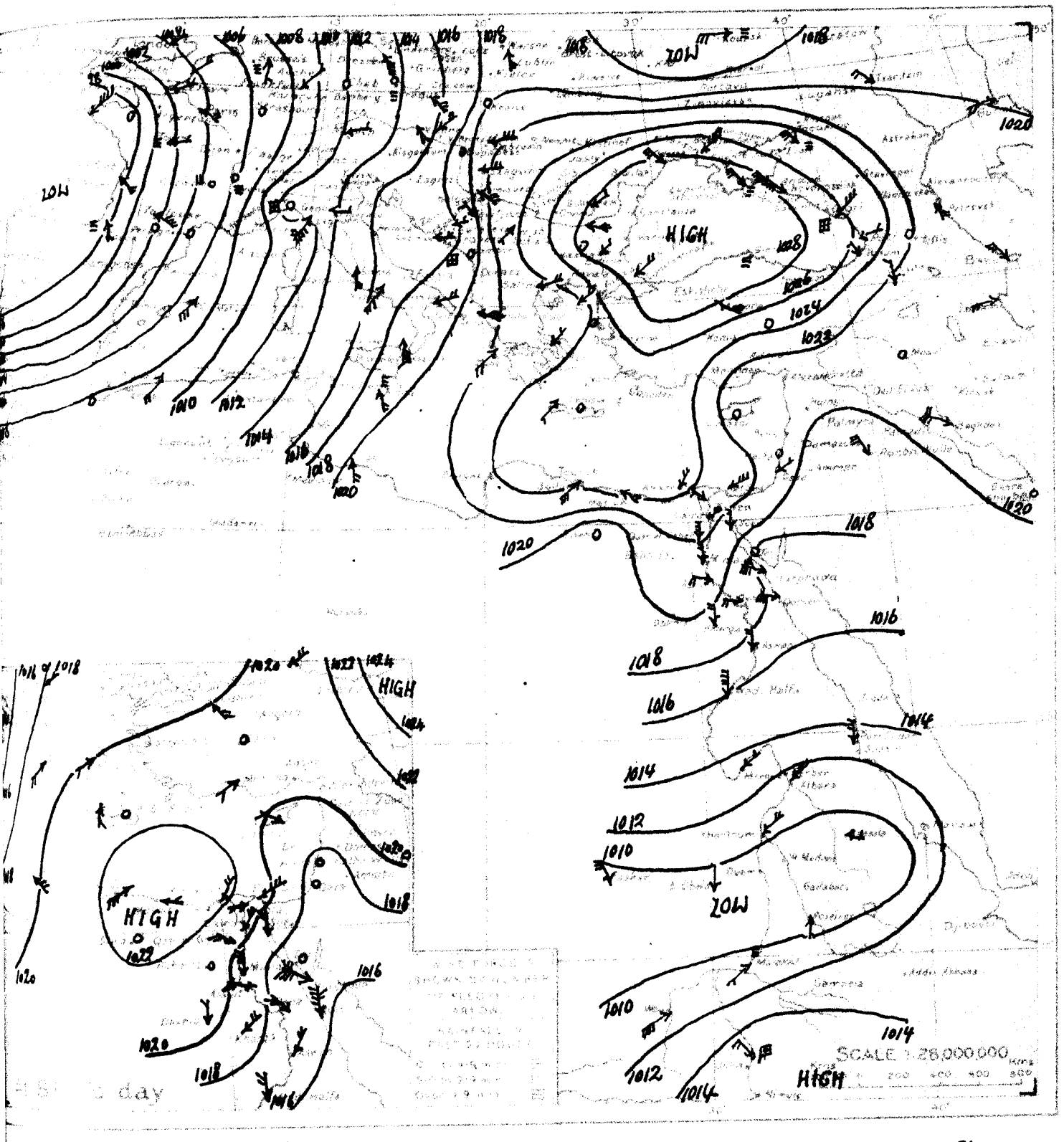
GAUGE	Date	Reading	Diff. from normal	Prev. Reading	
	1931	m.	m.	m.	
Juba	23.10	13.52	-0.13	13.52	-0.13
Nasser	22.10	10.55	+0.04	10.55	+0.04
Malakal	23.10	12.20	-0.06	12.20	-0.05
Roseires	24.10	15.90	+0.63	16.09	+0.74
Sennar Res.	23.10	17.20	—	17.20	—
Makwar	23.10	8.58	-0.07	8.81	+0.05
Khartoum	24.10	14.04	+0.48	14.16	+0.54
Kh. el Girba	21.10	11.90	+0.45	12.08	+0.58
Atbara	23.10	13.26	+0.52	13.30	+0.50
Wadi Halfa	24.10	5.76	+0.26	5.65	+0.08
Aswan Res.	23.10	97.69	—	97.70	—
" D.S.	23.10	89.82	-0.17	89.86	-0.20
El Leithi	24.10	22.86	+0.55	22.93	+0.59
Roda (Cairo)	24.1	18.70	+0.18	18.74	+0.19

PRINTED AT THE SURVEY OF EGYPT (1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٣-١٠-٣١ Barometer and Wind at 8 h. Yesterday 23.10.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-72	9
Whole gale	73-90	10
Storm	91-104	11
Hurricane above 104		12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Sound	2
Moderate	3
Rough	4
Very rough	5
Light	6
Very light	7
Precipitous	8
Confused	9

٢٣-١٠-٣١ From Observations taken at 8 h. yesterday 23.10.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
Rome	1015.2	-0.6	+0.1	S	2	4	16	0	—	20	—	14	—	80	—	—	—	84	—
Malta	1018.8	+0.1	+1.0	SSE	2	3	21	0	—	24	0	19	+2	90	—	dr.	39	48	1
Athens	1023.6	+3.8	+6.4	NE	1	2	18	+2	—	—	—	—	—	30	—	—	—	30	—
Candia	1024.8	+2.1	+6.9	—	0	2	20	+1	—	25	+3	14	-2	—	—	0	38	27	0
Limassol	1021.4	+1.8	+5.9	—	0	0	22	+1		25	-2	12	-3	—	—	0	7	16	1

MEDITERRANEAN

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 04

" " sunset 17 14

From Observations taken at 8h. to-day.

Sunday 25th October 1931 ١٩٣١ الأحد ٢٥ أكتوبر

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temp. at 8h	Temp. Change in last 24 hours	Temp. Diff from normal	Temp. Max.	Temp. Diff from normal	Temp. Min.	Temp. Diff from normal	Humidity at 8h	Humidity Diff from normal	Rainfall 24 hrs	Rainfall Since 1st Jan.	Rainfall Same date last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1021.2	-2.6	+3.5	SW	3	0	19.0	-0.4		28		17		72	—	0	1		1
MATRUH	1020.6	-2.5	+3.7	ESE	1	0	19.8	+0.6	-1.4	23	-3	15	-2	69	-6	0	10	15	1
ALEXANDRIA	1020.3	-1.9	+3.2	NNE	2	1	25.0	+0.8	+2.6	27	0	20	+1	68	-2	0	dr.	5	1
PORT SAID	1019.9	-0.5	+4.8	NE	3	2	24.3	+0.8	+0.9	28	+1	22	+2	58	-12	0	7	2	3
SEA																			
[illegible]	1016.3	-1.2	+1.7	—	0	0	25.6	+0.8	+1.3	30	+2	20	+4	66	+4	0	5	13	1
TANTA	1019.5	-1.6		N	1	2	22.4	+2.0		27		16		70		0	dr.	—	
EZBEKIYA	1019.0	-1.8	+2.5	NE	2	0	18.9	+0.9	-0.3	28	-1	16	0	84	+6	0	6	2	
GIZA	1019.4	-1.4	+3.1	NNE	2	0	19.5	+1.4	—	27	-1	14	0	86	—	0	4	2	
HELWAN	1018.4	-2.0	+1.7	NE	4	0	21.9	+1.8	+1.4	27	-1	17	0	69	+2	0	6	1	
[illegible]	1023.0	-0.5	+6.0	—	0	0	17.5	-0.3	-1.5	28	-2	11	-3	89	+26	0	0	0	
[illegible]	1018.2	-1.2	+2.6	N	2	0	21.8	+1.8	+0.8	27	-3	19	0	75	-2	0	0	3	1
TOR	1015.5	-1.1	+1.1	—	0	0	22.0	-0.7	-1.4	26	-2	17	0	70	+3	0	0	0	0
HURGHADA	1015.9	-0.9		NW	7	0	24.1	+0.8		29		18		72		0	0		4
[illegible]	1015.2	-1.5		WNW	4	0	25.7	-0.1	—	29		22		60		0	0		3
[illegible]	1018.7	-2.5	+2.6	NE	3	0	21.2	+0.8	0.0	28	-1	17	+2	73	+8	0	0		
[illegible]	—	—		NNE	3	0	19.5	+0.5	-0.8	26	-2	14	-2	81	+5				
[illegible]	1017.2	-2.4	+1.8	W	2	0	19.4	+0.8	-1.2	29	0	16	0	71	+3	0	0		
[illegible]	1015.8	-1.6		WNW	3	0	19.9	0.0	-3.5	32	-2	17	+1	78	+21				
[illegible]	1015.5	-2.7		NW	1	0	22.0	0.0		30		16		57		0	0		
[illegible]	1014.0	-2.4	+0.1	NE	1	0	24.0	+1.7	-0.3	35	0	20	+1	39	-4				
[illegible]	1012.2	-4.2	-1.7	N	2	0	22.2	+2.0	-1.1	32	-3	18	0	41	+4				
[illegible]	1011.2	-1.4	-0.4	NE	1	0	27.5	-1.5	-1.0	41	+2	20	-2	19	-11	0	0	1	
[illegible]	1010.8	+0.1	+0.3	NE	2	0	30.5	+0.5	+1.0	39	+1	24	+2	37	+12	0	0	1	
[illegible]	1009.8	-0.8	+0.4	N	2	0	28.5	0.0	+0.5	41	+3	25	+2	23	-11	0	10	4	
[illegible]	1012.7	-1.1	+0.3	N	2	2	30.7	+0.3	+1.1	34	+1	26	+2	70	+4	0	0	8	2
[illegible]	1008.8	-0.6	-1.2	SW	1	1	27.0	-0.5	+1.3	36	0	21	+1	63	-2	0	53	24	
[illegible]	1013.3	+1.4		WNW	1	0	21.0	-4.0	-3.1	40	+4	15	-2	34	0	0	0	6	
[illegible]	1011.8	-1.0	+1.0	—	0	4	24.0	-2.8	-2.2	34	-1	22	+1	87	+14	tr.	83	62	
[illegible]	1011.1	-0.7	+1.3	W	4	0	26.0	+1.0	+0.4	32	-3	22	+2	80	+2	0	167	98	
[illegible]	1013.3	+0.2		SE	4	4	22.5	-3.6		34		18		89		23	121	73	

General Situation

9 00

Owing to the extensive depression now situated over northern Italy the pressure over the central Mediterranean is rapidly falling, and the high pressure over Egypt is slowly weakening.

الضغط آخذ فى الهبوط بسرعة فوق أوساط البحر الأبيض المتوسط والارتفاع الذى فوق مصر آخذ فى الاضمحلال ببطء وذلك لوجود الانخفاض الكبير الذى يوجد الآن فوق شمال ايطاليا.

500	35	NE
1000	10	ENE
1500	5	NE
2000	10	S
3000	10	S

Forecast for 24 hours from noon to day.

On the coast of the Delta, light to moderate winds chiefly northeasterly. On the coast in the west, southwesterly winds, freshening. Inland moderate to fresh northeasterly winds. Occasional medium cloud, decreasing. Becoming somewhat warmer.

رياح بين الخفيفة والمعتدلة اكثرها شمالية شرقية على ساحل الدلتا ورياح جنوبية غربية تشتد نوعاً على الساحل الغربى ورياح بين المعتدلة والنسيمية شمالية شرقية فى الداخل. يظهر بعض السحاب المتوسط الارتفاع أحياناً وتلغم ينقشع تدريجياً. ترتفع درجة الحرارة قليلاً.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	68	+1	19.6	+1.0
Ezbekiya	63	-3	16.9	-1.7
Giza	67	-3	17.7	—
Helwan	54	-1	16.4	-0.1

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by gauges of 3 per sec		
DATE	1931	1930
25.10	4508	3475
24.10	4470	3632

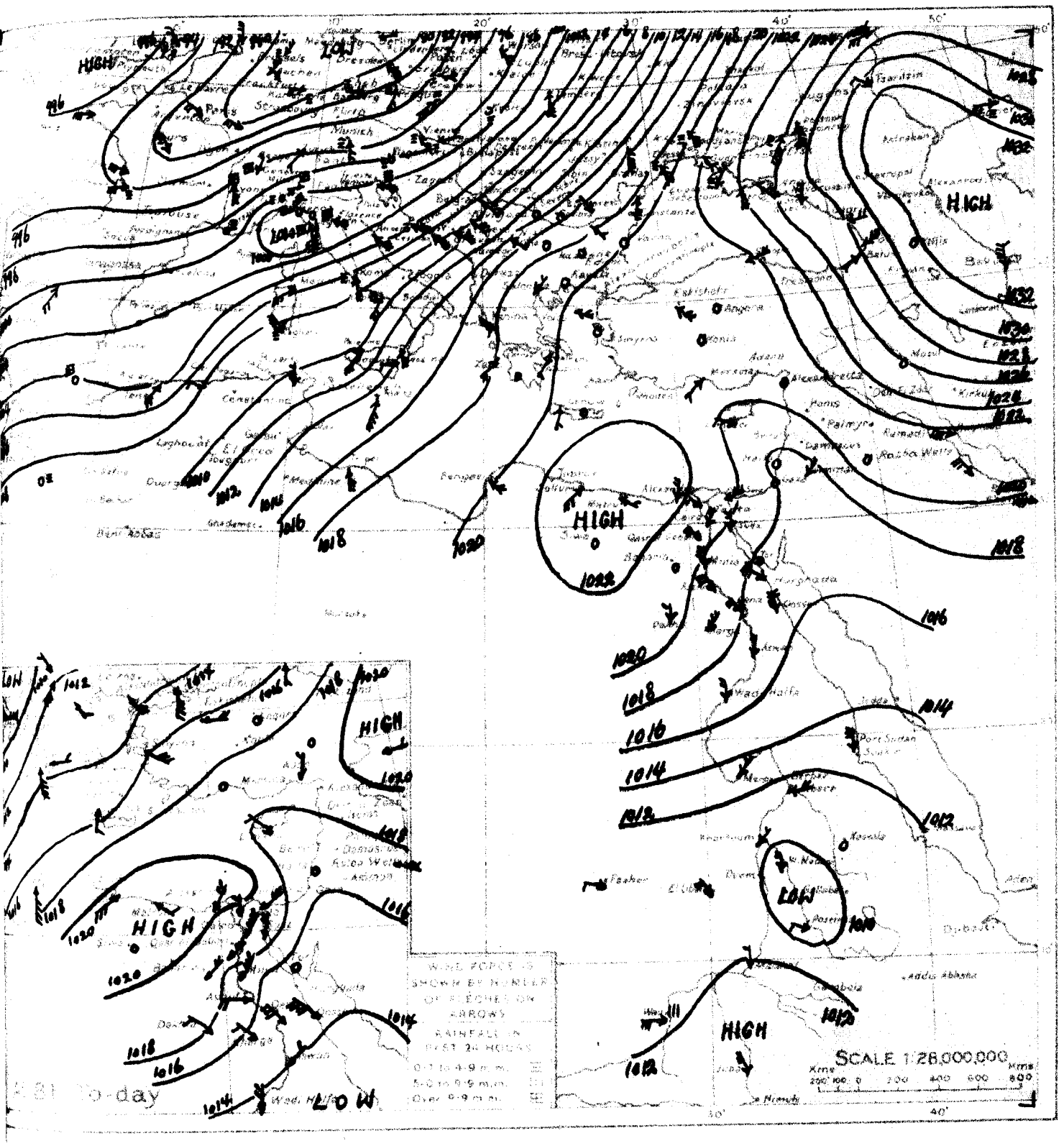
GAUGE	Date 1931	Reading m.	Diff from normal m.	Reading m.	Diff from normal m.
Juba	24.10	13.50	-0.16	13.52	-0.13
Nassir	24.10	10.55	+0.03	10.55	+0.04
Malakal	24.10	12.20	-0.06	12.20	-0.06
Roseires	24.10	15.90	+0.63	16.09	+0.74
Sennar Res.	24.10	17.20	—	17.20	—
Makwar	24.10	8.34	-0.24	8.58	-0.07
Khartoum	24.10	14.04	+0.48	14.16	+0.54
Kh. el Girba	21.10	11.90	+0.45	12.08	+0.58
Atbara	25.10	13.08	+0.46	13.20	+0.52
Wadi Halfa	25.10	5.89	+0.44	5.76	+0.26
Aswan Res.	25.10	97.72	—	97.66	—
" D.S.	25.10	89.83	-0.02	89.80	-0.12
El Leithi	25.10	22.77	+0.48	22.86	+0.55
Roda (Cairo)	25.10	18.59	+0.09	18.70	+0.16

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٤-١٠-٣١ Barometer and Wind at 8 h. Yesterday 24.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٤-١٠-٣١ From Observations taken at 8 h yesterday. 24.10.31.

	Location	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1007.6	-7.6	-7.4	S	2	4	19	+3	—	19	—	15	—	80	—	3	—	88	—
	MALTA	1014.6	-4.2	-3.2	SSW	4	3	22	+1	—	24	0	21	+4	80	—	0	39	50	2
	ATHENS	1020.0	-3.6	+2.8	SW	1	3	21	+3	—	—	—	—	—	80	—	—	—	31	—
	CANDIA	1021.8	-3.0	+4.0	—	0	1	23	+3	—	23	+1	14	-2	—	—	0	38	28	1
	LIMASSOL	1019.2	-2.2	+3.7	WNW	1	0	22	0		24	-3	13	-2	—	—	0	7	17	2
EGYPT and SUDAN	Kassala كسلا	1010.3	+0.8	+0.6	—	0	0	29.0	-2.0	-1.7	39	+1	23	0	52	+7	0	8	8	—
	Wad Medani ود مدنى	1009.4	-1.3	-0.1	N	2	1	32.5	+2.0	+4.2	41	+2	24	+2	41	0	0	11	9	—
	Juba جوبا	1013.1	-2.7	—	NW	3	2	26.1	+4.3	—	33	—	21	—	80	—	0	98	70	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 05 m

" sunset 17 h 13 m

From Observations taken at 8h. to-day.

Monday 26th October, 1931 — الاثنين ٢٦ اكتوبر ١٩٣١

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total since 1st Oct. last year	Rainfall: Normal to 1st Oct.	SEA
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
SOLLUM	1020.4	−0.8	+2.7	SSW	2	0	20.3	+1.3	—	29	—	17	—	66	—	0	1	—	1
MATRUH	1019.5	−1.1	+2.6	—	0	0	18.8	−1.0	−2.3	23	−2	15	−2	75	0	0	10	16	1
ALEXANDRIA	1018.7	−1.6	+1.5	NE	2	1	24.8	−0.2	+2.5	29	+2	21	+2	66	−4	0	drops	5	1
PORT SAID	1018.0	−1.9	+2.8	E	4	1	24.4	+0.1	+1.1	27	0	22	+2	67	−3	0	7	2	3
GAZA	—	—	—	—	0	1	22.6	−1.2	+0.3	27	−1	17	+1	88	+19	0	3	6	
HAIFA	1016.0	−0.3	+1.3	—	0	0	23.5	−2.1	−0.6	28	0	18	+2	64	+2	0	5	14	0
TANTA	1018.2	−1.3	—	N	1	0	21.8	−0.6	—	29	—	16	—	75	—	0	drops	—	—
EZBEKIYA	1017.2	−1.8	+0.7	NNE	2	0	19.0	+0.1	0.0	31	+2	16	0	86	+7	0	6	2	—
GIZA	1017.8	−1.6	+1.4	N	2	0	20.0	+0.5	—	30	+2	15	+1	82	—	0	4	2	—
HELWAN	1016.8	−1.6	0.0	NE	5	0	21.9	0.0	+1.5	29	+1	20	+3	72	+5	0	6	1	—
SIWA	1019.5	−3.5	+2.4	—	0	0	17.2	−0.3	−1.6	29	−1	11	−3	22	+3	0	0	0	—
SUEZ	1015.8	−2.4	+0.2	N	3	0	22.0	+0.2	+1.1	30	+1	20	+1	78	+1	0	0	3	3
TOR	1014.4	−1.1	−0.1	NE	4	0	23.2	+1.2	−0.1	28	0	17	0	81	+14	0	0	0	1
HURGHADA	1014.4	−1.5		NW	6	0	25.5	+1.4	—	29	—	18		63		0	0		3
QOSSEIR	1014.3	−0.9	—	WNW	4	0	27.2	+1.5	—	29	—	22	—	55		0	0		3
[illegible]	1017.1	−1.6	+1.0	NNE	4	0	21.2	0.0	+0.2	30	+1	19	+4	73	+8	0	0		
[illegible]	1016.4	—		NNE	2	0	21.0	+1.5	+0.8	29	+1	17	+1	82	+6				
[illegible]	1015.6	−1.6	+0.1	W	2	2	23.3	+3.9	+2.9	28	−1	17	+1	53	−16	0	0		
[illegible]	1014.6	−1.2		WNW	1	0	22.3	+2.4	−1.0	34	+1	18	+2	65	+8				
[illegible]	1013.9	−1.6		N	1	0	24.0	+2.0	—	33	—	21		58		0	0		
[illegible]	1013.1	−0.9	−0.9	S	1	2	27.5	+3.5	+3.4	40	+5	23	+4	38	−6				
[illegible]	1010.3	−1.9	−3.7	—	0	0	23.6	+1.4	+0.4	35	0	20	+2	42	+4				
[illegible]	1009.0	−2.2	−2.7	NE	1	1	31.0	+3.5	+2.7	41	+2	24	+3	22	−8	0	0	1	
[illegible]	1010.4	−0.4	−0.2	SE	2	0	31.0	+0.5	+1.7	40	+2	25	+3	32	+7	0	0	1	
[illegible]	1009.6	−0.2	+0.1	—	0	1	30.8	+2.3	+2.9	40	+2	27	+4	28	−6	0	10	4	
[illegible]	1013.5	+0.8	+1.0	N	2	2	30.4	−0.3	+0.9	33	0	26	+2	72	+6	0	0	8	2
[illegible]	1008.2	−0.6	−1.8	WSW	1	1	28.0	+1.0	+2.3	37	0	21	+1	63	−1	0	53	25	
[illegible]	1009.4	−3.9		WSW	1	0	25.0	+4.0	+1.0	38	+2	15	−1	22	−12	0	0	7	
[illegible]	1011.1	+0.3	−0.4	NNW	2	0	26.5	+0.5	−0.4	37	+1	19	0	22	−20	0	6	15	

General Situation

Observations at 8.30

Lower Egypt remains an area of high pressure but the system continues to weaken slowly. There is a sharp gradient of pressure across the Mediterranean from Egypt to northern Italy where a deep depression is situated.

الحالة الجوية

لا تزال مصر السفلى منطقة ارتفاع الا أنه آخذ فى الاضمحلال ببطء وانحدار الضغط كبير فوق البحر الابيض بين مصر وشمال ايطاليا حيث يوجد انخفاض عميق الغور.

0300	15	NE
0900	5	SE
1500	5	WSW
2100	10	SW
3000	20	S

Forecast for 24 hours from noon to-day.

Northeasterly winds, light to moderate on the coast, moderate to fresh inland.
Mainly clear.
Becoming warmer.

التنبؤ لمدة ٢٤ ساعة من ظهر اليوم الى ظهر غد

رياح شمالية شرقية معتدلة على الساحل وبين معتدلة وشديدة نوعا فى الداخل - السماء صحو على العموم ترتفع درجة الحرارة.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	66	−1	20.0	+1.5
Ezbekiya	69	+3	18.4	−0.1
Giza	72	+2	19.1	—
Helwan	62	+7	18.5	+2.1

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

* Khashm el Girba river gauge reading for 23.9.31 published on 24-26.9.31 should read 12.88 instead of 13.88 m.

ملاحظة - صحة قراءة النهر بمقياس الخشم القربة يوم ٢٣/٩/٣١ المذكورة بتقارير الايام ٢٤-٢٦/٩/٣١ هى ١٢٫٨٨ بدلا من ١٣٫٨٨ مترا.

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
26.10	4644	3250
25.10	4508	3475

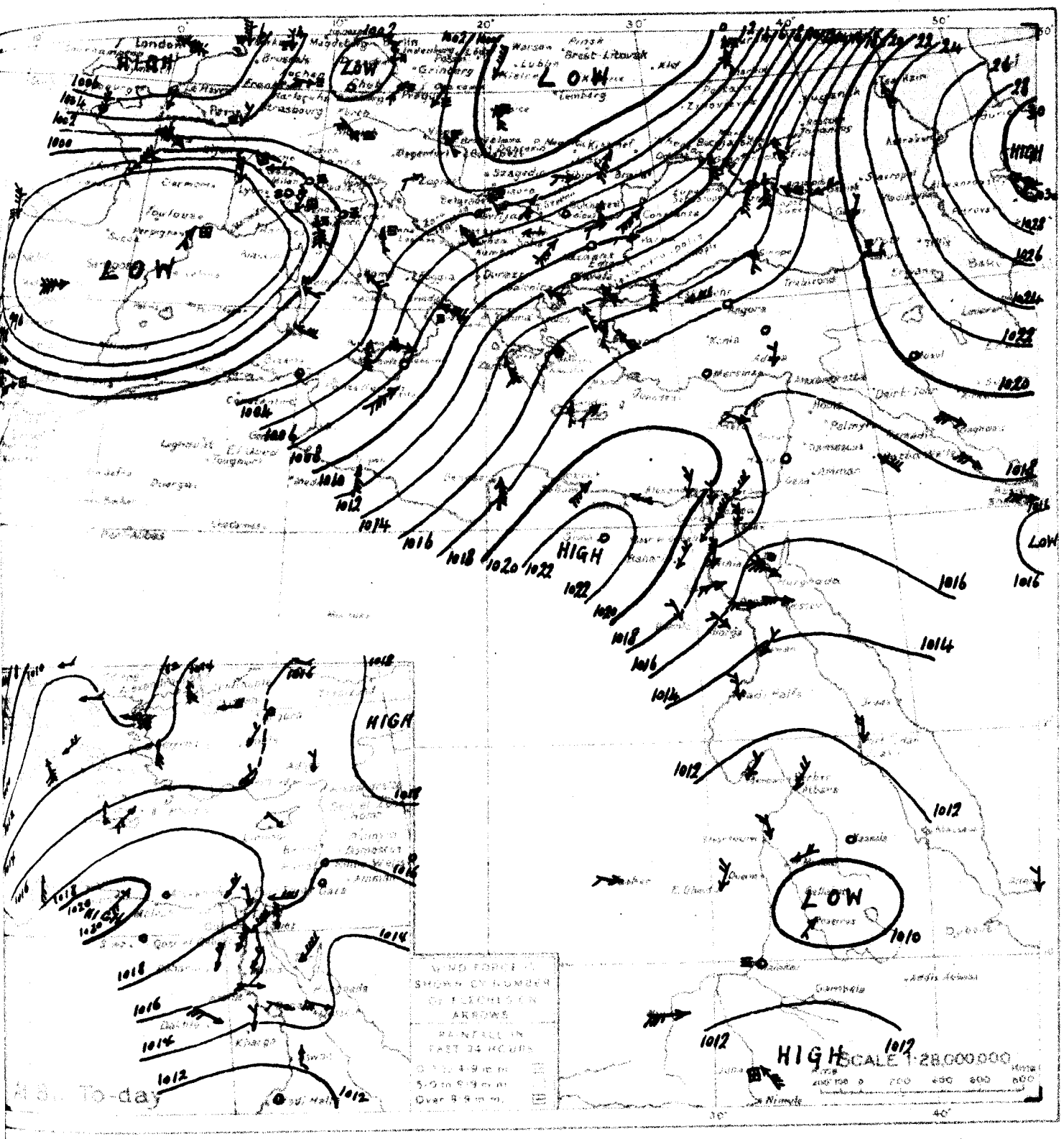
GAUGE	Date 1931	Reading m	Diff. from normal m	Reading m	Diff. from normal m
Juba	25.10	13.54	−0.13	13.50	−0.16
Nasser	25.10	10.55	+0.03	10.55	+0.03
Malakal	25.10	12.23	−0.03	12.20	−0.06
Roseires	26.10	15.68	+0.58	15.75	+0.57
Sennar Res.	25.10	17.20	—	17.20	—
Makwar	25.10	8.14	−0.36	8.34	−0.24
Khartoum	25.10	13.94	+0.44	14.04	+0.48
Kh. el Girba *	23.10	11.60	+0.23	11.60	+0.20
Atbara	26.10	13.00	+0.44	13.08	+0.46
Wadi Halfa	26.10	5.96	+0.58	5.89	+0.44
Aswan Res.	26.10	97.94	—	97.72	—
" D.S.	26.10	89.91	+0.13	89.93	−0.02
El Leithi	26.10	22.62	+0.38	22.77	+0.48
Roda (Cairo)	26.10	18.44	−0.07	18.59	+0.09

PRINTED AT THE SURVEY OF EGYPT 1930(29/899/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٥-١٠-٣١ Barometer and Wind at 8 h Yesterday 25.10.31.



٢٥-١٠-٣١ From Observations taken at 8 h. yesterday. 25.10.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Min.	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st	RAINFALL Normal from Oct. 1st to yesterday	SEA
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1003.1	-4.5	-11.9	SE	2	5	18	-1	—	23	—	17	—	80	—	3	—	91	—
	MALTA	1008.2	-6.4	-9.6	SSW	4	0	24	+2	—	26	+2	19	+2	70	—	0	39	53	2
	ATHENS	1016.4	-3.6	-0.8	—	0	3	18	-3	—	—	—	—	—	90	—	—	—	33	—
	CANDIA	1019.0	-2.8	+1.2	SW	1	2	27	+4	—	29	+7	18	+2	—	—	0	38	29	1
	LIMASSOL	1017.9	-1.3	+2.3	WNW	1	0	22	0		28	+1	13	-1	—	—	0	7	18	2
EGYPT and SUDAN	Kassala كسلا	1010.3	0.0	+0.6	—	0	0	31.0	+2.0	+0.4	38	0	23	0	45	0	0	8	9	—
	Wad Medani ودمدني	1010.6	+1.2	+1.1	E	2	0	28.0	-4.5	-0.2	40	+1	22	0	57	+17	0	11	9	—
	El Obeid الأبيض	1010.8	+0.1	-0.6	NNE	2	0	26.0	-2.7	-1.8	36	0	19	0	24	-19	0	6	15	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 05

" sunset 17 12

From Observations taken at 8h. to-day.

Tuesday 27th October, 1931

الثلاثاء ٢٧ اكتوبر ١٩٣١

STATION	Barometer Reduced to Sea Level	Change in past 24 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8h	Change in past 24 hours	Diff from normal	Max.	Diff from normal	Min.	Diff from normal	Humidity At 8h	Diff from normal	Rainfall Past 24 hours	Total since 1st Oct.	Total since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN SOLLUM	1018.7	−1.7	+0.9	SSE	1	0	20.4	+0.1		29		17		82		0	1	—	0
MATRUH	1018.0	−1.5	+1.0	ESE	1	0	19.8	+1.0	−1.2	24	−1	16	−1	76	+1	0	10	17	1
ALEXANDRIA	1017.1	−1.6	−0.2	NE	1	0	24.8	0.0	+2.6	30	+3	21	+2	75	+5	0	drops	5	1
PORT SAID	1015.8	−2.2	+0.6	NE	2	0	24.7	+0.3	+1.5	27	0	23	+3	78	+8	0	7	3	2
GAZA	—	—	—	—	0	8	22.9	+0.3	+0.7	27	0	17	+1	94	+25	0	3	7	
HAIFA	1013.3	−2.7	−1.4	—	0	0	24.7	+1.2	+0.8	29	+1	18	+2	53	−9	0	5	14	1
LOWER EGYPT ZAGIG	1016.7	−1.5		NW	1	0	21.6	−0.2		30		16		81		0	drops		
EZBEKIYA	1016.2	−1.0	−0.4	N	2	2	19.5	+0.5	+0.6	32	+3	18	+2	90	+11	0	6	2	
GIZA	1016.2	−1.6	−0.3	NNW	1	4	19.8	−0.2	—	31	+3	18	+4	90	—	0	4	2	
HELWAN	1015.9	−0.9	−0.9	NE	3	2	22.3	+0.4	+2.1	32	+4	21	+4	76	+9	0	6	1	
SIWA	1017.9	−1.6	+0.8	—	0	0	16.2	−1.0	−2.4	29	−1	12	−2	75	+12	0	0	0	
RED SEA SUEZ	1014.3	−1.5	−1.4	N	4	4	22.5	+0.5	+1.7	30	+1	21	+3	87	+10	0	0	3	4
TOR	1014.0	−0.4	−0.6	NE	1	1	21.6	−1.6	−1.5	28	0	19	+2	65	−2	0	0	0	1
HURGHADA	1013.5	−0.9		NW	4	1	25.9	+0.4		30		18		65		0	0		2
QOSSEIR	1013.3	−1.0		WNW	3	0	26.9	−0.3		30		23		45		0	0		2
UPPER EGYPT EBELI	1016.0	−1.0	−0.2	NNE	4	0	21.5	+0.3	+0.7	32	+3	19	+4	71	+6	0	0		
MINIA	1014.7	−1.7		NNE	2	2	20.5	−0.5	+0.5	31	+3	17	+1	91	+15				
ASSIUT	1014.8	−0.8	−0.8	W	2	2	21.0	−2.3	+0.7	32	+3	18	+2	85	+16	0	0		
QENA	1013.4	−1.2		N	1	0	24.1	+1.8	+1.0	36	+3	19	+3	46	−11				
ASWAN	1013.3	−0.6		—	0	0	25.2	+1.2		34		20		61		0	0		
ASWAN	1014.0	+0.9	−0.1	S	4	4	26.3	−1.2	+2.3	39	+4	24	+5	47	+3	rain			
WADI HALFA	1010.7	+0.4	−3.4	NE	1	2	25.0	+1.4	+2.0	38	+3	21	+3	48	+10				
WADI HALFA	1009.5	+0.5	−2.3	NE	1	0	33.0	+2.0	+4.9	44	+5	25	+4	32	+2	0	0	1	
KHARTOUM	1010.0	−0.4	−0.6	NE	2	0	32.0	+1.0	+2.9	39	+1	26	+4	33	−8	0	0	1	
KHARTOUM	1008.6	−1.0	−0.9	—	0	2	31.4	+0.6	+3.7	39	+1	28	+5	41	+7	drops	10	4	
UPPER SUDAN	1011.9	−1.6	−0.6	N	2	2	30.7	+0.3	+1.3	34	+1	26	+2	75	+9	0	0	8	2
[illegible]	1009.3	+1.1	−0.6	W	1	2	26.0	−2.0	+0.3	36	−1	21	+2	69	+5	0	53	26	
[illegible]	1009.9	+0.5		WSW	1	0	22.5	−2.5	−1.4	40	+4	15	−1	34	0	0	0	7	
[illegible]	1010.6	−0.8	−0.2	—	0	3	28.1	+2.1	+1.9	35	0	25	+4	73	+1	trace	83	67	
[illegible]	1011.0	+0.7	+1.2	W	4	3	25.0	−1.0	−0.6	35	0	22	+2	80	+2	1	168	107	

Time of observations on Greenwich 8.45 m.

Knots	Km. per hour	Direction
Max.	20	ENE
1000	50	ENE
1500	35	E
2000	15	E
2500		

General Situation

الحالة العامة

The high pressure continues to weaken slowly. The Mediterranean depression is centred over Sardinia. A shallow depression is situated north of Aswan.

لا يزال الارتفاع آخذا في الاضمحلال ببطء ويوجد انخفاض البحر الابيض الآن فوق سردينيا - وهناك انخفاض قريب القطر شمالي اسوان.

Forecast for 24 hours from noon to day.

Inland moderate northeasterly winds. On the coast light northeast to southeast winds.
Occasional high cloud.
Temperature remaining above normal.

توقعات الطقس من ظهر اليوم الى ظهر غد

رياح معتدلة شمالية شرقية في الداخل - ورياح خفيفة شمالية شرقية وجنوبية شرقية على الساحل - يظهر بعض السحاب العالي أحيانا - تستمر درجة الحرارة فوق المعدل.

STATION	Humidity Mean of Day Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	70	+3	21.1	+2.7
Ezbekiya	75	+9	20.0	+1.6
Giza	71	+1	20.0	—
Helwan	64	+9	19.7	+3.4

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

* Khartoum river gauge reading for 23.9.31 published on 23–25.9.31 should read 15.60 instead of 15.70 m.

ملاحظة - صحة قراءة النيل بخزان الخرطوم يوم ٢٣-٩-٣١ المذكورة بنشرة ٢٣-٢٥-٩-٣١ هي ١٥٫٦٠ بدلا من ١٥٫٧٠ متر.

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
27.10	4798	3070
26.10	4644	3250

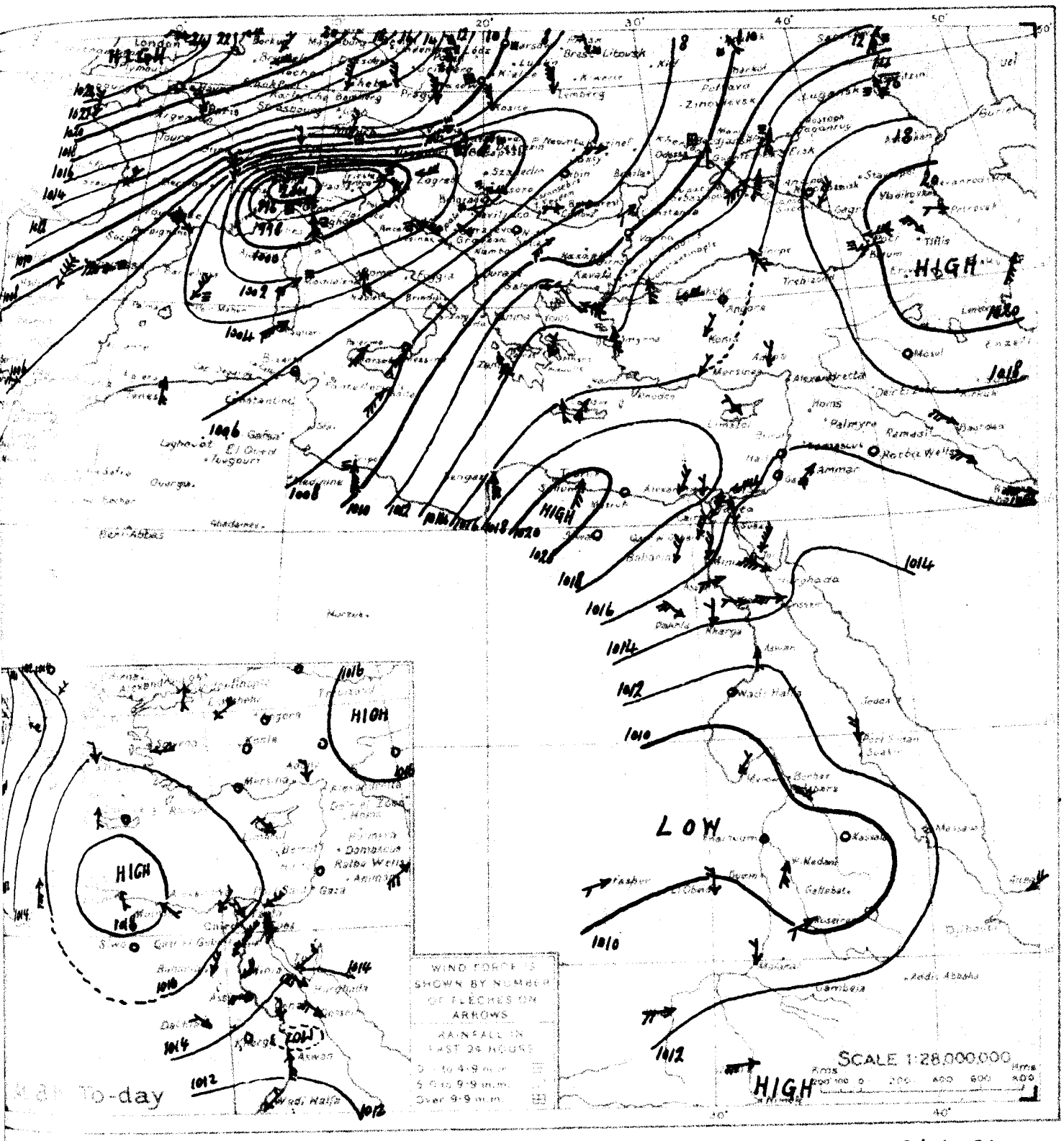
GAUGE	Date	Reading	Diff from normal	Previous Reading	
	1931	m	m	m	
Juba	26.10	14.20	+0.52	13.54	−0.13
Nasser	25.10	10.55	+0.03	10.55	+0.03
Malakal	26.10	12.23	−0.03	12.23	−0.03
Roseires	27.10	15.55	+0.54	15.68	+0.58
Sennar Res	26.10	17.20	—	17.20	—
Makwar	26.10	7.99	−0.43	8.14	−0.36
Khartoum *	27.10	13.72	+0.34	13.84	+0.40
Kh. el Girba	25.10	11.40	+0.10	11.48	+0.15
Atbara	26.10	13.00	+0.44	13.08	+0.46
Wadi Halfa	26.10	5.96	+0.58	5.89	+0.44
Aswan Res.	27.10	98.21	—	97.94	—
" D.S.	27.10	90.03	+0.33	89.91	+0.13
El Leithi	27.10	22.50	+0.31	22.42	+0.38
Roda (Cairo)	27.10	18.37	−0.03	18.44	−0.02

PRINTED AT THE SURVEY OF EGYPT 1520(29/599/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-١٠-٢٦ Barometer and Wind at 8 h. Yesterday 26.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١٠-٢٦ From Observations taken at 8 h. yesterday. 26.10.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1003.6	+0.5	-11.2	S	2	4	20	+2	—	24	—	17	—	80	—	—	—	95	—
	HALTA	1007.2	-1.0	-10.7	SW	3	4	25	+1	—	28	+5	23	+6	50	—	0	39	55	1
	ATHENS	1015.5	-0.9	-1.7	N	1	3	20	+2	—	—	—	—	—	90	—	—	—	34	—
	CANDIA	1017.6	-1.4	-0.2	SW	2	1	27	0	—	32	+10	22	+6	—	—	0	38	31	1
	LIMASSOL	1016.8	-1.1	+1.2	NW	1	1	24	+2		29	+2	16	+2	—	—	0	7	19	1
EGYPT and SUDAN	Kassala كسلا	1008.7	-1.6	-1.0	—	0	0	33.0	+2.0	+2.4	39	+1	22	-1	32	-13	0	8	9	—
	Wad Medani ود مدني	1010.2	-0.4	+0.7	SSW	2	1	32.0	+4.0	+3.8	39	+1	26	+4	60	+20	0	11	10	—
	Malakal ملكال	1011.4	-0.4	+0.6	N	1	2	26.0	+2.0	-0.2	32	-3	24	+3	87	+14	0	83	65	—
	Wau واو	1010.3	-0.8	+0.5	W	2	1	26.0	0.0	+0.4	34	-1	23	+3	76	-2	0	167	102	—
	Juba جوبا	1012.6	-0.7	—	W	3	2	25.8	+3.3	—	31	—	21	—	84	—	0	121	76	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 06

sunset 17 11

From Observations taken at 8 h. to-day.

Wednesday 28th October, 1931 ١٩٣١ الاربعاء ٢٨ أكتوبر

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Temperature Max.	Temperature Diff from normal	Temperature Min.	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Last 24 hours	Rainfall Since 1st Sept.	Rainfall Since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
SOLLUM	1018.6	-0.1	+0.8	SE	1	0	20.4	0.0	—	29	—	16	—	82	—	0	1	—	0
MATROUH	1017.8	-0.2	+0.8	ESE	1	0	18.4	-1.4	-2.5	24	-1	15	-2	79	+4	0	10	17	1
ALEXANDRIA	1017.4	+0.3	+0.1	NE	1	0	25.3	+0.5	+3.2	30	+3	20	+1	75	+5	0	dr.	5	1
PORT SAID	1016.8	+1.0	+1.5	NE	2	0	24.9	+0.2	+1.8	29	+2	21	+2	76	+6	0	7	3	1
EL ARISH	—	—	—	S	1	0	22.2	-0.7	+0.2	28	+1	18	+2	95	+26	0	3	7	
SUEZ	1013.6	+0.3	-1.2	—	0	0	25.5	+0.8	+1.8	29	+1	21	+5	67	+5	0	5	15	0
CAIRO	1017.0	+0.3		NW	1	0	19.9	-1.7		31		16		93		0	dr.	—	
HELIOPOLIS	1016.0	-0.2	-0.6	N	2	3	20.8	+1.3	+2.1	32	+4	18	+2	92	+13	0	6	2	
ZAGAZIG	1016.6	+0.4	+0.1	NNE	1	3	21.3	+1.5	—	31	+3	16	+2	69	—	0	4	2	
MANSOURA	1016.6	+0.7	-0.3	NE	3	0	21.7	-0.6	+1.6	32	+4	20	+3	77	+9	0	6	1	
TANTA	1018.3	+0.4	+1.1	—	0	0	16.1	-0.1	-2.3	29	-1	12	-2	80	+17	0	0	0	
ASYUT	1015.0	+0.7	-0.7	NW	3	0	22.0	-0.5	+1.3	30	+1	20	+2	82	+5	0	0	3	2
MINIA	1014.7	+0.7	0.0	NE	2	0	22.6	+1.0	-0.4	29	+1	16	-1	55	-12	0	0	0	0
BENI SUEF	1014.3	+0.8		NW	4	1	26.0	+0.1		30		18		62		0	0		2
FASHN	1014.3	+1.0		WNW	2	0	27.8	+0.9		30		23		53		0	0		2
PORT SAID	1016.7	+0.7	+0.4	NE	3	0	21.5	0.0	+0.8	34	+5	19	+5	81	+16	0	0		
ISMAILIA	1015.5	+0.8		NNE	2	0	21.2	+0.7	+1.3	30	+2	18	+2	80	+4				
KANTARA	1015.8	+1.0	+0.1	WSW	2	2	22.4	+1.4	+2.2	31	+2	18	+2	77	+8	0	0		
EL TIH	1014.4	+1.0		NNW	1	0	23.9	-0.2	+0.9	36	+3	20	+4	61	+4				
EL ARISH	1014.0	+0.7		—	0	0	27.1	+1.9		36		20		48		0	0		
RAFAH	1013.6	-0.4	-0.6	—	0	0	24.6	-1.7	+0.8	37	+3	21	+2	53	+9				
MERSA MATRUH	1010.6	+2.0	+1.0	N	1	4	28.4	-3.0	+0.9	39	+1	21	-1	56	+22	6	16	4	
ALEXANDRIA	1013.4	+1.5	+0.8	NE	3	2	31.2	+0.5	+1.9	34	+2	27	+3	71	+5	0	0	9	3
DAMANHOUR	1009.8	+0.5	-0.1	W	1	2	255	-0.5	-0.2	37	0	21	+2	72	+9	0	53	27	
TANTA	1009.3	-0.6		WNW	1	0	26.0	+3.5	+2.3	38	+2	17	+1	24	-9	0	0	7	
MANSOURA	1009.8	+0.3	-1.7	NW	1	1	30.4	+0.4	+3.7	38	+2	21	+2	52	+11	dr.	6	17	
ZAGAZIG	1011.6	+1.0	+0.8	—	0	4	24.3	-3.8	-1.9	31	-4	23	+2	84	+13	tr.	83	70	
BENHA	1010.6	-0.4	+0.8	W	4	4	24.0	-1.0	-1.6	33	-2	21	+1	83	+5	3	171	111	

General Situation

8 30 Little change has taken place in the pressure distribution over Egypt and the eastern Mediterranean. The Mediterranean depression is now centred over northern Italy and a secondary depression is situated over Malta.

الحالة العامة

لم يتغير توزيع الضغط فوق مصر وشرقى البحر الأبيض المتوسط الا قليلا . ويوجد انخفاض البحر الأبيض الآن فوق شمال ايطاليا وهناك انخفاض ثانوى فوق مالطا .

Forecast for 24 hours from noon to day.

15 NE
45 ENE
25 ENE
20 NE
25 ENE

Northeasterly winds, light on the coast, moderate inland. Mainly clear. Little change in temperature.

توقعات الطقس من الظهر لمدة ٢٤ ساعة

رياح شمالية شرقية خفيفة على الساحل ومعتدلة فى الداخل. السماء صحو على العموم . ولا تتغير درجة الحرارة الا قليلا .

STATION	Humidity Mean of day Yesterday	Humidity Mean of day Diff from normal	Actual Temperature Mean of day Yesterday	Actual Temperature Mean of day Diff from normal
	%	%	°C	°C
Alexandria	78	+11	21.8	+3.5
Ezbekiya	73	+7	20.2	+1.9
Giza	71	+1	20.5	—
Helwan	63	+8	19.3	+3.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sources ovs per sec DATE	1931	1930
27.10	4798	3070
26.10	4644	3250

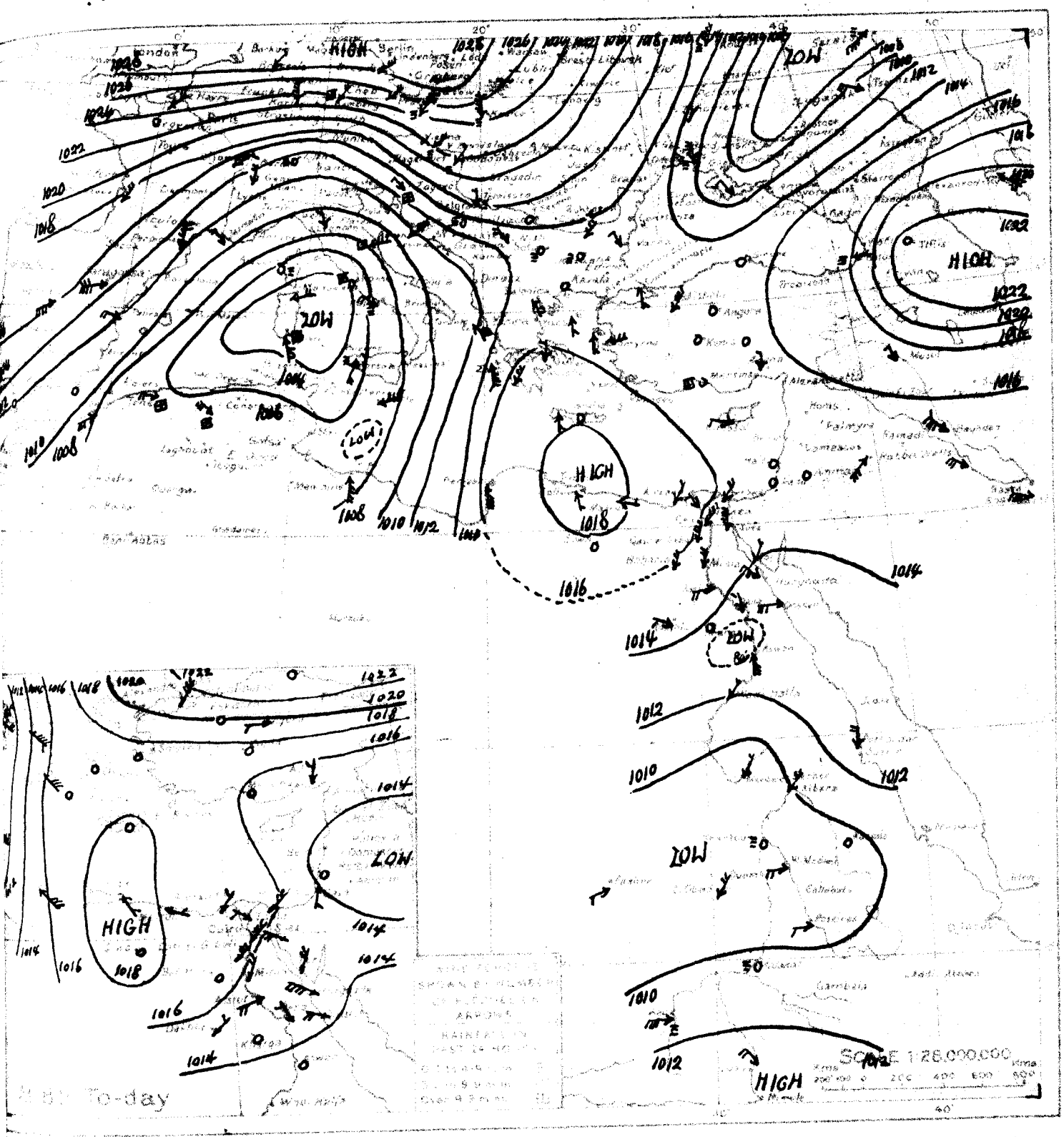
GAUGE	Date 1931	Reading m.	Diff from normal m.	Reading m.	Diff from normal m.
Juba	27.10	14.24	+0.55	14.20	+0.52
Nasser	27.10	10.56	+0.04	10.56	+0.04
Marakal	27.10	12.23	-0.03	12.23	-0.03
Roseires	28.10	15.42	+0.48	15.55	+0.54
Sennar Res.	27.10	17.20	—	17.20	—
Makwar	27.10	7.86	-0.49	7.99	-0.43
Khartoum	27.10	13.72	+0.34	13.84	+0.40
Kh. el Girba	26.10	11.40	+0.10	11.48	+0.15
Atbara	27.10	12.90	+0.40	13.00	+0.44
Wadi Halfa	27.10	5.96	+0.66	5.96	+0.58
Aswan Res.	27.10	98.21	—	97.94	—
" D.S.	27.10	90.03	+0.33	89.91	+0.13
El Leithi	28.10	22.38	+0.24	22.50	+0.31
Roda (Cairo)	28.10	18.22	-0.13	18.37	-0.03

PRINTED AT THE SURVEY OF EGYPT (829(25/669)1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٧-١٠-٣١. Barometer and Wind at 8 h. Yesterday 27.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٧-١٠-٣١ From Observations taken at 8 h yesterday 27.10.31.

	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Max. Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN: ROME	1004.0	+0.4	-10.7	—	0	3	19	-1	—	22	—	17	—	80	—	10	—	99	—
MALTA	1006.4	-0.8	-11.5	ENE	3	3	24	-1	—	29	+6	23	+6	70	—	0	39	57	2
ATHENS	1016.2	+0.7	-1.0	N	1	4	19	-1	—	—	—	—	—	90	—	—	—	35	—
CANDIA	1017.8	+0.2	+0.2	—	0	0	26	-1	—	33	+11	18	+2	—	—	0	38	32	1
LIMASSOL	1014.8	-2.0	-1.0	WNW	1	1	24	0		31	+5	15	+1	—	—	0	7	19	3
EGYPT and SUDAN: Kassala كسلا	1009.3	+0.6	-0.4	—	0	0	33.5	+0.5	+3.0	39	+1	21	-2	28	-17	0	8	9	—
Wad Medani ادمدني	—	—	—	W	2	2	31.5	-0.5	+3.3	41	+3	26	+4	—	—	0	11	10	—
El Obeid الابيض	1009.5	-1.6	-2.0	NE	2	0	30.0	+3.5	+3.2	37	+1	20	+1	26	-16	0	6	16	—
Juba جبا	1012.7	+0.1	—	NW	2	2	25.4	-0.4	—	33	—	21	—	79	—	0	121	79	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 07

" " sunset 16 11

From Observations taken at 8 h. to-day.

Thursday 29th October, 1931 — ١٩٣١ الخميس ٢٩ اكتوبر

STATION	Barometer Reduced to Sea Level	Barometer Change during last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change during last 24 hours	Temperature Diff from normal	Temperature Max.	Temperature Diff from normal	Temperature Min.	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall	Rainfall	Rainfall	Sea
	mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
SOLLUM																			
MATRUH	1018.0	+0.2	+1.0	ENE	1	0	18.8	+0.4	-1.9	25	0	15	-1	77	+2	0	10	18	1
ALEXANDRIA	1017.6	+0.2	+0.3	E	1	0	25.0	-0.3	+3.0	30	+3	19	0	76	+6	0	drops	5	1
PORT SAID	1017.2	+0.4	+1.9	NNE	2	0	24.3	-0.6	+1.3	29	+2	21	+2	81	+11	0	7	3	2
BABA	—	—	—	S	1	0	21.9	-0.3	0.0	26	-1	17	+1	85	+16	0	3	7	
[illegible]	1015.4	+1.8	+0.5	—	0	0	24.8	-0.7	+1.2	29	+2	18	+2	75	+13	0	5	15	1
TANTA	1017.4	+0.4		NNW	1	4	18.8	-1.1		32		15		92		0	drops		
ZAGHLEBEKIYA	1016.6	+0.6	-0.1	N	2	0	19.4	-1.4	+0.8	32	+4	17	+1	90	+11	0	6	2	
GIZA	1017.4	+0.8	+0.8	N	1	1	19.0	-2.3	—	30	+2	15	+1	99	—	0	4	2	
HELWAN	1016.7	+0.1	-0.3	NNW	2	0	20.0	-1.7	0.0	32	+4	18	+2	70	+2	0	6	1	
[illegible]	1017.9	-0.4	+0.7	—	0	0	17.2	+1.1	-1.1	32	+2	12	-1	60	-3	0	0	0	
SUEZ	1015.0	0.0	-0.7	N	3	0	22.8	+0.8	+2.2	31	+2	20	+2	79	+2	0	0	4	2
TOR	1015.4	+0.7	+0.6	—	0	0	23.0	+0.4	+0.2	29	+1	18	+2	76	+10	0	0	0	0
PORT TEWFIK	1015.4	+1.1		WNW	3	0	26.5	+0.5		31		18		54		0	0		1
[illegible]																			
[illegible]	1017.1	+0.4	+0.7	N	2	0	22.8	+1.3	+2.2	33	+4	18	+4	64	-1	0	0		
[illegible]	1016.3	+0.8		NNW	1	0	20.5	-0.7	+0.7	31	+3	16	0	91	+15				
[illegible]	1016.0	+0.2	+0.2	WSW	2	2	21.3	-1.1	+1.3	31	+3	19	+3	78	+9	0	0		
[illegible]	1015.2	+0.8		SE	2	2	26.8	+2.9	+4.0	37	+4	19	+3	39	-18				
[illegible]	1014.3	+0.3		—	0	0	27.0	-0.1		36		20		48		0	0		
[illegible]	1014.2	+0.6	0.0	—	0	0	25.0	+0.4	+1.4	36	+2	21	+2	40	-4				
[illegible]	1012.3	0.0	-2.0	NE	1	0	25.2	-0.8	+2.6	37	+3	20	+3	48	+10				
[illegible]	1011.2	+0.4	-0.8	NE	1	0	30.0	—	+2.2	44	+6	24	+3	25	-5	0	0	1	
[illegible]	1011.0	+0.4	+0.2	ENE	2	0	30.0	-1.0	+1.3	39	+1	24	+2	37	+12	0	0	1	
[illegible]	1009.4	-1.2	-0.3	—	0	0	30.1	+1.7	+2.8	36	-2	24	+2	38	+4	0	16	5	
[illegible]	1015.1	+1.7	+2.5	N	3	1	30.6	-0.6	+1.4	33	+1	26	+2	71	+5	0	0	9	3
[illegible]	1008.8	-1.0	-1.1	SE	1	0	27.0	+1.5	+1.3	37	0	20	+1	63	+1	0	53	28	
[illegible]	1009.1	-0.2		WNW	1	1	25.5	-0.5	+1.9	38	+2	19	+3	32	-1	0	0	7	
[illegible]	1009.5	-2.1	-1.3	ENE	1	0	28.2	+3.9	+2.0	35	0	22	+1	76	+5	90	173	72	
[illegible]	1007.8	-2.8	-2.0	E	3	0	28.3	+4.3	+2.7	35	0	21	+1	72	-5	0	171	115	
[illegible]	1010.4	-1.9		NNW	2	1	27.5	+3.4		33		21		76		0	121	85	

General Situation

8.30 The high pressure over Egypt is maintained.
The Mediterranean depressions are weakening.

لا يزال الارتفاع الذى فوق مصر مرابط . وانخفاضا
البحر الابيض آخذان فى الاضمحلال .

[illegible]	35	ENE
[illegible]	15	ENE
[illegible]	10	ESE
[illegible]	15	ENE
[illegible]	10	ENE

Forecast for 24 hours from noon to-day.

Light to moderate northerly winds.
Mainly clear.
Temperature remaining above normal.

رياح شمالية بين الخفيفة والمعتدلة .
السماء صحو على العموم .
تستمر درجة الحرارة فوق المعدل .

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	80	+13	22.1	+4.0
Ezbekiya	70	+4	20.2	+2.0
Giza	73	+3	20.3	—
Helwan	56	+1	18.9	+2.8

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
28.10	4927	2828
27.10	4798	3070

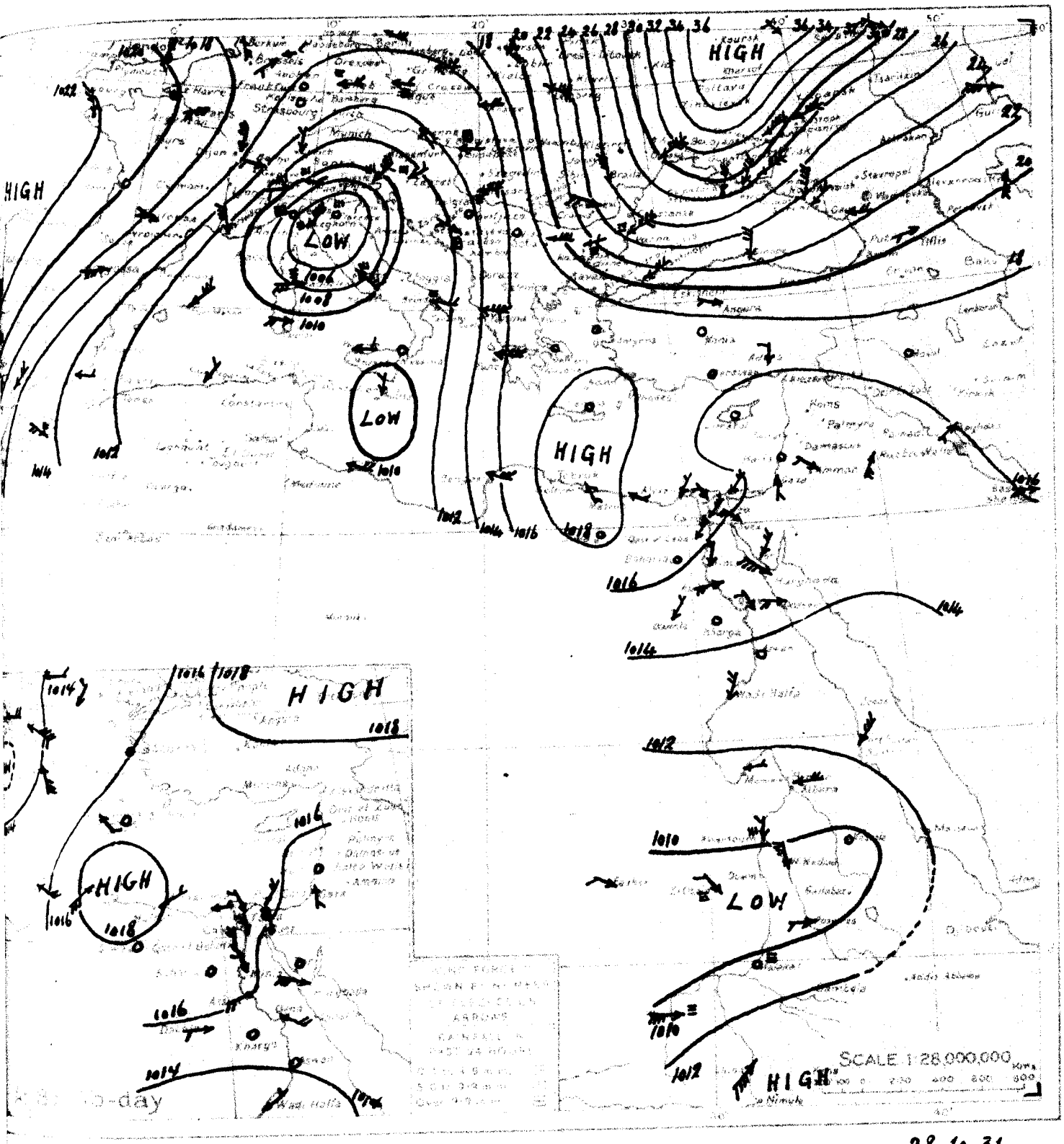
GAUGE	Date 1931	Reading m	Diff from normal m	Reading m	
Juba	28.10	14.20	+0.50	14.24	+0.55
Nasser	28.10	10.56	+0.05	10.56	+0.04
Malakal	28.10	12.24	-0.02	12.23	-0.03
Roseires	29.10	15.30	+0.43	15.42	+0.48
Sennar Res.	28.10	17.43	—	17.20	—
Makwar	28.10	7.76	-0.51	7.86	-0.49
Khartoum	28.10	13.58	+0.25	13.72	+0.34
Kh. el Girba	25.10	11.40	+0.10	11.48	+0.15
Atbara	29.10	12.74	+0.34	12.80	+0.35
Wadi Halfa	29.10	5.87	+0.69	5.91	+0.66
Aswan Res.	28.10	98.44	—	98.21	—
" D.S.	28.10	90.13	+0.51	90.03	+0.33
El Leithi	29.10	22.26	+0.17	22.38	+0.24
Roda (Cairo)	29.10	18.4	-0.18	18.22	-0.13

PRINTED AT THE SURVEY OF EGYPT 1929(27/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٨-١٠-٣١ Barometer and Wind at 8 h Yesterday 28.10.31.



٢٨-١٠-٣١ From Observations taken at 8 h yesterday. 28.10.31.

	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Max yesterday	TEMPERATURE Diff from normal	TEMPERATURE Min yesterday	TEMPERATURE Diff from normal	HUMIDITY At 8 h	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total since 1st Jan. to yesterday	RAINFALL Normal to yesterday	SEA
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
ROME	1007.9	+3.9	-6.8	SE	3	3	17	-2	—	22	—	15	—	80	—	5	—	103	—
MALTA	1008.9	+2.5	-9.0	N	1	8	21	-3	—	28	+5	21	+4	90	—	0	39	59	2
ATHENS	1017.2	+1.0	0.0	—	0	4	17	-2	—	—	—	—	—	90	—	—	—	37	—
CANDIA	1018.2	+0.4	+0.6	—	0	1	23	-3	—	28	+6	15	-1	—	—	0	38	33	0
LIMASSOL	1014.8	0.0	-1.0	—	0	0	26	+2		33	+7	14	0	—	—	0	7	20	1
Wadi Halfa	1012.3	+1.6	-1.9	NNE	2	0	26.0	+1.0	+3.8	41	+6	22	+4	47	+9	—	—	—	—
Merowe	1011.4	+1.9	-0.5	E	1	0	—	—	—	45	+7	24	+3	—	—	0	0	1	—
Atbara	1010.6	+0.6	-0.1	E	2	0	31.0	-1.0	+2.1	39	+1	24	+2	34	+9	0	0	1	—
Kassala	1009.4	+0.1	-0.4	—	0	0	33.5	0.0	+3.1	39	+1	24	+1	35	-11	0	8	10	—
Wad Medani	1009.2	—	+0.2	N	4	2	30.0	-1.5	+1.8	39	+1	26	+4	—	—	0	11	18	—
Juba	1012.3	-0.4	—	SW	4	2	24.1	-1.3	—	33	—	20	—	77	—	0	121	82	—

MEDITERRANEAN

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 08m

" " sunset 17h 10m

From Observations taken at 8h. to-day.

Friday 30th October, 1931 · ١٩٣١ الجمعة ٣٠ اكتوبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1019.6	+1.3	+1.7	W	2	0	19.2	−3.0	—	32	—	18	—	43	—	0	1	—	0
	MATRUH	1018.7	+0.7	+1.6	SE	1	0	19.4	+0.6	−1.2	27	+2	15	−1	75	0	0	10	19	1
	ALEXANDRIA	1018.7	+1.1	+1.3	—	0	0	24.8	−0.2	+2.9	30	+3	20	+2	83	+13	0	drops	6	0
	PORT SAID	1017.4	+0.2	+2.0	ENE	2	2	24.0	−0.3	+1.1	28	+1	22	+3	83	+13	0	7	3	1
	GAZA	—	—	—	—	0	3	21.6	−0.3	−0.1	28	+1	19	+3	90	+21	0	3	7	—
	HAIFA	1015.5	+0.1	+0.5	SSE	1	0	—	—	—	29	+2	19	+3	—	—	0	5	16	2
LOWER EGYPT	TANTA	1017.6	+0.2	—	NW	1	4	19.5	+0.7	—	32	—	15	—	95	—	0	drops	—	—
	CAIRO / EZBEKIYA	1017.5	+0.9	+0.7	NNW	2	2	21.8	+2.4	+3.3	31	+3	19	+3	86	+7	0	6	2	—
	CAIRO / GIZA	1017.6	+0.2	+0.9	NNW	2	2	21.8	+2.8	—	30	+2	18	+4	86	—	0	4	2	—
	CAIRO / HELWAN	1017.2	+0.5	+0.7	NE	3	0	20.3	+0.3	+0.4	33	+5	19	+3	79	+11	0	6	1	—
	SIWA	1019.1	+1.2	+1.8	—	0	0	17.4	+0.2	−0.7	34	+5	12	−1	38	−5	0	0	0	—
RED SEA	SUEZ	1015.6	+0.6	−0.2	N	4	4	22.0	−0.8	+1.5	32	+3	20	+2	87	+10	0	0	4	4
	TOR	1015.8	+0.4	+1.0	—	0	0	22.5	−0.5	−0.2	28	+1	17	+1	55	−11	0	0	0	0
	HURGHADA	1015.5	+0.1	—	WNW	4	0	26.4	−0.1	—	30	—	18	—	48	—	0	0	—	2
	QOSSEIR	1015.1	—	—	W	2	0	28.9	—	—	31	—	23	—	36	—	0	0	—	1
UPPER EGYPT	GEBALI	1018.0	+0.9	+1.6	N	1	0	21.0	−1.8	+0.6	33	+4	18	+4	82	+17	0	0	—	—
	MINYA	1017.2	+0.9	—	NNW	1	0	20.5	0.0	+0.8	32	+4	16	0	86	+10	—	—	—	—
	ASYUT	1017.0	+1.0	+1.1	WSW	2	0	22.2	+0.9	+2.4	35	+7	20	+5	79	+10	0	0	—	—
	QENA	1015.9	+0.7	—	NNW	2	0	24.0	−2.8	+1.4	38	+5	18	+2	52	−5	—	—	—	—
	KHARGA	1014.8	+0.5	—	N	1	0	27.0	0.0	—	36	—	20	—	40	—	0	0	—	—
	ASWAN	1015.0	+0.8	+0.7	NE	1	0	26.0	+1.0	+2.6	38	+4	22	+3	30	−15	—	—	—	—
NORTH SUDAN	WADI HALFA	1013.1	+0.8	−1.3	NNE	1	0	24.6	−0.6	+2.2	41	+7	19	+2	42	+4	—	—	—	—
	MEROWE	1011.4	+0.2	−0.6	NE	1	0	29.0	−1.0	+1.4	42	+4	24	+3	31	0	0	0	1	—
	ATBARA	1011.4	+0.4	+0.5	NNE	3	0	29.0	−1.0	+0.5	39	+1	24	+2	40	+14	0	0	1	—
	KHARTOUM	1010.2	+0.8	+0.5	NE	1	0	29.0	−1.1	+1.9	39	+2	24	+2	40	+6	0	16	5	—
EAST SUDAN	PORT SUDAN	1015.1	0.0	+2.4	NE	3	2	30.7	+0.1	+1.6	33	+1	26	+2	71	+5	0	0	9	3
	KASSALA	1007.9	−0.3	−1.9	—	0	0	33.5	+0.5	+3.3	39	+1	23	+1	30	−16	0	8	10	—
	WAD MEDANI																			
	ROSE-RES	1007.1	−1.7	−2.8	WNW	1	0	28.5	+1.5	+2.8	38	+1	22	+3	61	0	0	53	29	—
SOUTH SUDAN	EL FASHER	1008.8	−0.3	—	WSW	1	0	26.5	+1.0	+3.1	41	+5	19	+3	37	+4	0	0	8	—
	EL OBEID	1008.8	−0.5	−2.8	W	1	1	31.5	+1.4	+5.0	37	+1	23	+4	43	+3	0	6	18	—
	MALAKAL	1009.8	+0.3	−1.0	NNE	1	1	29.0	+0.8	+2.8	36	+1	24	+4	71	+1	0	173	75	—
	WAU	1008.8	+1.0	−1.0	NE	3	2	27.0	−1.3	+1.4	36	+1	23	+3	80	+3	0	141	119	—
	JUBA	1008.6	−1.8	—	W	3	1	26.2	−1.3	—	34	—	21	—	76	—	0	121	88	—

TEMP. F C — PRESS. Mm. Mb.

Upper Wind Observations at Helwan at h. m.

Height (metres)	Key on hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — حوادث المطر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	82	+15	22.5	+4.5
Ezbekiya	73	+7	20.5	+2.4
Giza	73	+3	20.4	—
Helwan	50	−5	18.2	+2.2

NOTE A dash means that figures are not available

Terms of Subscription. By inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
29.10	4963	2627
28.10	4927	2828

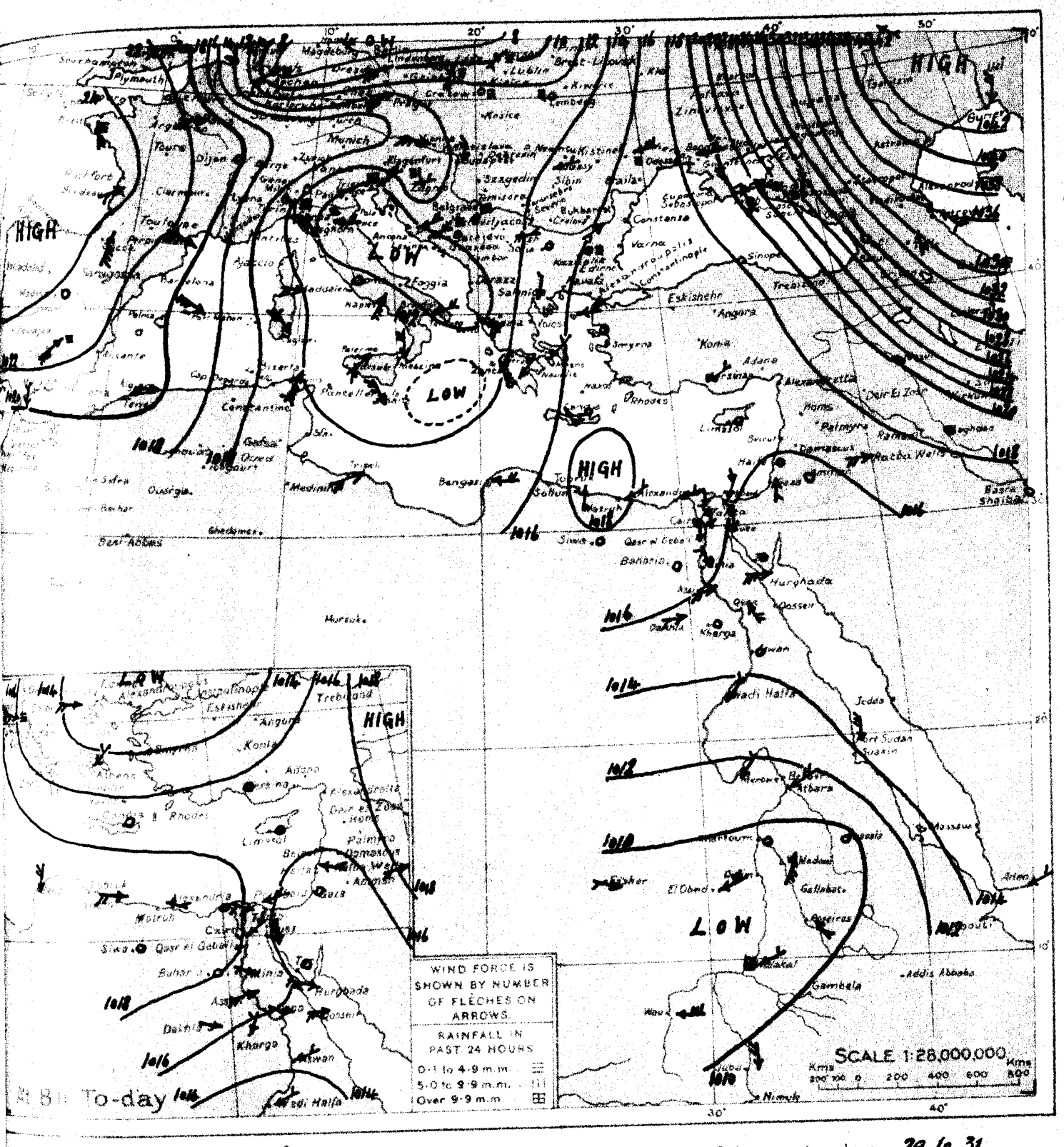
GAUGE	Date	Reading	Diff. from normal	Previous Date: Reading	Previous Date: Diff. from normal
	1931	m.	m.	m.	m.
Juba	30.10	14.25	+0.54	14.26	+0.56
Nasser	28.10	10.56	+0.05	10.56	+0.04
Malakal	28.10	12.24	−0.02	12.23	−0.03
Roseires	29.10	15.30	+0.43	15.42	+0.48
Sennar Res.	30.10	17.59	—	17.46	—
Makwar	30.10	7.44	−0.71	7.62	−0.58
Khartoum	28.10	13.58	+0.25	13.72	+0.34
Kh. el Girba	25.10	11.40	+0.10	11.48	+0.15
Atbara	29.10	12.74	+0.34	12.80	+0.35
Wadi Halfa	29.10	5.87	+0.69	5.91	+0.66
Aswan Res.	29.10	98.50	—	98.44	+0.51
" D.S.	29.10	90.17	+0.62	90.13	+0.24
El Leithi	29.10	22.26	+0.17	22.22	+0.13
Roda (Cairo)	29.10	18.34	−0.12	18.22	

PRINTED AT THE SURVEY OF EGYPT 1929(30/5797) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-١٠-٢٩ Barometer and Wind at 8 h. Yesterday 29.10.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١٠-٢٩ From Observations taken at 8 h. yesterday 29.10.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1013.0	+5.1	-1.6	—	0	4	14	-3	—	20	—	12	—	70	—	—	—	107	—
	MALTA	1013.1	+4.2	-4.8	NW	3	0	20	-1	—	23	0	17	0	70	—	0	39	61	3
	ATHENS	1015.4	-1.8	-1.8	NNE	1	2	17	0	—	—	—	—	—	70	—	—	—	38	—
	CANDIA	1016.7	-1.5	-0.8	—	0	0	21	-2	—	26	+4	15	-1	—	—	0	38	34	0
	LIMASSOL	1016.2	+1.4	+0.3	—	0	0	24	-2		33	+7	16	+2	—	—	0	7	21	1
EGYPT and SUDAN	Sollum	1018.3	-0.3	+0.4	S	1	0	22.2	+1.8	—	28	—	18	—	56	—	0	1	—	0
	Kassala	1008.2	-1.2	-1.6	—	0	0	33.0	-0.5	+2.7	39	+1	23	0	39	-7	0	8	10	—
	Wad Medani	—	—	—	S	2	1	31.5	+1.5	+3.4	40	+2	25	+3	—	—	0	11	11	—
	El Obeid	1009.3	-0.5	-2.3	NE	2	3	30.1	-0.3	+3.5	36	0	23	+4	38	-3	0	4	14	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 09

" " sunset 17 09

From Observations taken at 8h. to-day.

Saturday 31st October, 1931 ١٩٣١ السبت ٣١ أكتوبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1020.2	+0.6	+2.3	NNW	3	1	19.2	0.0	—	33	—	17	—	81	—	0	1		2
	MATRUH	1018.3	-0.4	+1.2	NNW	3	0	23.0	+3.6	+2.5	25	0	16	0	62	-13	0	10	19	3
	ALEXANDRIA	1017.4	-1.3	0.0	W	2	1	23.5	-1.3	+1.7	30	+3	21	+3	81	+11	0	dr.	6	1
	PORT SAID	1016.0	-1.4	+0.6	N	1	0	25.1	+1.1	+2.3	29	+2	21	+2	82	+12	0	7	3	2
	GAZA	—	—	—	—	0	8	21.3	-0.3	-0.3	27	0	18	+3	89	+20	0	3	8	—
	HAIFA	1013.8	-1.7	-1.2	—	0	0	26.3	-2.0	+3.0	30	+3	19	+3	56	-6	0	5	16	0
LOWER EGYPT	TANTA	1016.7	-0.9	—	W	1	4	20.2	+0.7	—	32	—	19	—	99	—	0	dr.	—	—
	CAIRO EZBEKIYA	1016.6	-0.9	-0.2	NNE	3	4	21.3	-0.5	+2.9	31	+3	20	+4	87	+8	0	6	2	—
	CAIRO GIZA	1016.8	-0.8	0.0	N	2	4	21.4	-0.4	—	30	+2	18	+4	87	—	0	4	2	—
	CAIRO HELWAN	1016.7	-0.5	-0.4	NNE	1	0	21.0	+0.7	+1.2	32	+5	19	+3	83	+15	0	6	1	—
	SIWA	1020.0	+0.9	+2.6	—	0	0	19.9	+2.5	+1.9	33	+4	14	+1	78	+15	0	0	0	—
RED SEA	SUEZ	1015.0	-0.6	-0.8	N	3	4	20.8	-1.2	+0.4	32	+3	19	+1	86	+9	0	0	4	3
	TOR	1014.4	-1.4	-0.5	NE	2	0	21.8	-0.7	-0.7	28	+1	17	+1	62	-4	0	0	0	0
	HURGHADA	1014.6	-0.9	—	WNW	2	0	27.2	+0.8	—	30	—	18	—	36	—	0	0	—	1
	QOSSEIR	1014.4	-0.7	—	WNW	2	0	28.8	-0.1	—	32	—	23	—	28	—	0	0	—	1
UPPER EGYPT	GEBALI	1017.2	-0.8	+0.7	N	1	0	20.5	-0.5	+0.3	33	+5	17	+3	84	+18	0	0	—	—
	MINYA	1016.2	-1.0	—	NNW	2	3	20.0	-0.5	+0.5	31	+3	18	+2	91	+16	—	—	—	—
	ASYUT	1016.4	-0.6	+0.4	WSW	2	0	22.0	-0.3	+2.3	34	+6	18	+3	81	+12	0	0	—	—
	QENA	1015.2	-0.7	—	N	1	0	22.5	-1.5	+0.1	38	+5	19	+3	56	-1	—	—	—	—
	KHARGA																		—	—
	ASWAN	1014.2	-0.8	-0.2	—	0	0	26.0	0.0	+2.8	39	+5	22	+4	41	-4	—	—	—	—
NORTH SUDAN	WADI HALFA	1011.9	-1.2	-2.6	NNW	3	0	25.4	+0.8	+3.2	39	+5	20	+3	45	+7	—	—	—	—
	MEROWE																			—
	ATBARA	~~1011.8~~	+0.4	+0.8	E	2	0	30.5	+1.5	+2.2	38	+1	23	+1	36	+10	0	0	1	—
	KHARTOUM	1009.0	-1.2	-0.8	NE	2	0	28.5	-0.6	+1.6	38	+1	24	+2	38	+4	0	16	5	—
EAST SUDAN	PORT SUDAN	1013.8	-1.3	+1.0	NE	2	0	30.1	-0.6	+1.1	33	+1	26	+2	73	+6	0	0	10	2
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1006.8	-0.3	-3.1	WSW	1	1	27.5	-1.0	+1.8	38	+1	21	+2	67	+7	0	53	30	—
SOUTH SUDAN	EL FASHER	1008.2	-0.6	—	WNW	1	0	26.0	-0.5	+2.7	38	+2	19	+3	30	-3	0	0	8	—
	EL OBEID	1008.4	-0.4	-3.2	E	1	0	30.8	-0.7	+4.4	38	+2	21	+2	36	-4	0	6	18	—
	MALAKAL	1009.1	-0.7	-1.7	NNE	1	1	26.2	-2.8	0.0	36	+1	23	+3	82	+13	9	182	77	—
	WAU	1007.0	-1.8	-2.8	ENE	3	0	28.4	+1.4	+2.7	36	+1	23	+3	65	-12	0	171	123	—
	JUBA	1009.4	+0.8	—	NW	2	2	25.2	-1.0	—	35	—	20	—	81	—	0	121	91	—

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Km. an hour	Direction
500	15	NE
1000	15	E
1500	5	NE
2000	5	SE
3000	10	SSW
5000	10	NW

General Situation

Pressure decreases from the central Mediterranean towards Egypt. The main depression, which is now situated over the Aegean, is filling up. There is a shallow depression over Syria. Upper winds are abnormally weak.

الحالة العامة

يخف الضغط من أواسط البحر الأبيض المتوسط نحو مصر أما الانخفاض الرئيسي الذي يوجد الآن فوق بحر ايجه فآخذ في الامتلاء وهناك انخفاض قريب الغور فوق سوريا ورياح طبقات الجو العليا ضعيفة بدرجة غير اعتيادية .

Forecast for 24 hours from noon to day.

On the coast moderate northwest to north winds. Inland, light northeast to north winds. Occasional high cloud. Somewhat cooler tomorrow, but temperature remaining above normal.

توقعات للمدة الحصول عليها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة بين شمالية غربية وشمالية على الساحل ورياح خفيفة بين شمالية شرقية وشمالية في الداخل . تظهر بعض السحب العالية أحيانا . تهبط درجة الحرارة قليلا بكرة وتقل لتستمر فوق المعدل .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	87	+20	23.5	+5.6
Ezbekiya	69	+3	21.1	+3.1
Giza	67	-3	21.1	—
Helwan	60	+5	19.7	+3.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
31.10	4864	2590
30.10	4921	2466

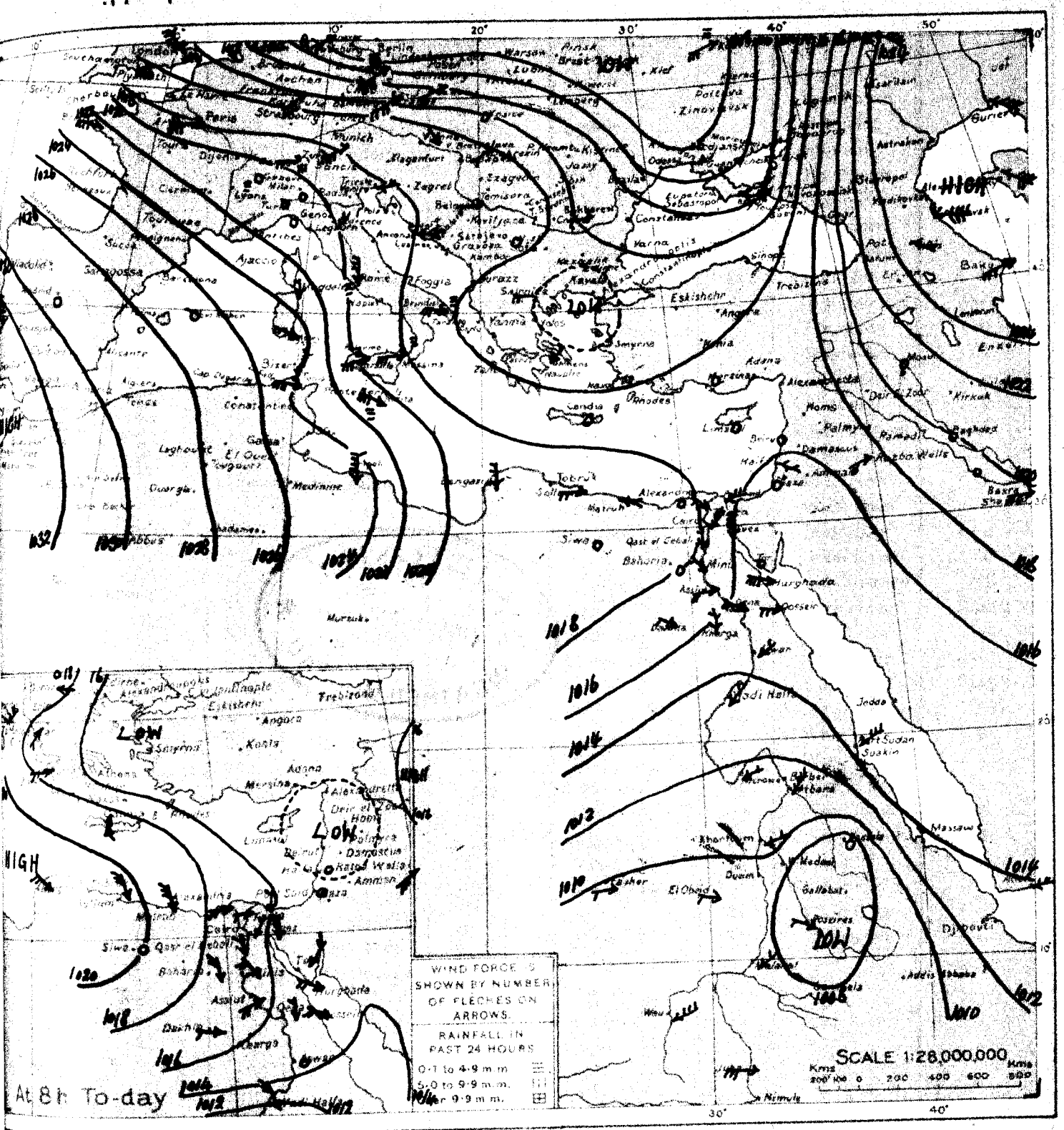
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	30.10	14.25	+0.54	14.26	+0.56
Nasser	29.10	10.56	+0.05	10.56	+0.05
Malakal	30.10	12.24	-0.03	12.24	-0.02
Roseires	31.10	15.09	+0.31	15.18	+0.36
Sennar Res.	30.10	17.59	—	17.46	—
Makwar	30.10	7.44	-0.71	7.62	-0.58
Khartoum	30.10	13.34	+0.14	13.46	+0.20
Kh. el Girba	27.10	11.28	+0.06	11.30	+0.04
Atbara	30.10	12.60	+0.28	12.74	+0.34
Wadi Halfa	31.10	5.75	+0.75	5.83	+0.72
Aswan Res.	31.10	98.33	—	98.43	—
" D.S.	31.10	90.09	+0.71	90.14	+0.68
El Leithi	31.10	22.14	+0.19	22.18	+0.14
Roda (Cairo)	31.10	18.03	-0.13	18.09	-0.13

PRINTED AT THE SURVEY OF EGYPT 1930 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ١٠ - ٣٠ Barometer and Wind at 8 h. Yesterday 30.10.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ١٠ - ٣٠ From Observations taken at 8 h. yesterday. 30.10.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.0	+6.0	+4.4	N	3	1	12	-2	—	17	—	10	—	60	—	4	—	110	—
	MALTA	1020.2	+7.1	+2.3	WNW	5	3	18	-2	—	22	-1	17	+1	60	—	dr.	39	64	3
	ATHENS	1014.2	-1.2	-3.0	NNE	1	0	16	-1	—	—	—	—	—	90	—	—	—	39	—
	CANDIA	1017.6	+0.9	+0.1	—	0	0	24	+3	—	26	+4	20	+5	—	—	0	38	36	1
	LIMASSOL	1016.3	+0.1	+0.4	—	0	0	24	0		31	+5	16	+2	—	—	0	7	22	1
EGYPT and SUDAN																				

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of OCTOBER 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Alexandria ...	1	Humidity	74
Juba		8 h. temp.	22·1
,,		Humidity	82
Ezbekiya ...	2	Minimum	—
Helwân		Rainfall	1
Suez		Rainfall	Drops
Qosseir	3	Wind force	6
Tor	4	Wind direction	NW
,,		Wind force	1
Qosseir		Wind direction	NNW
Atbara		Maximum	—
Kassala		Maximum	—
Tor	5	8 h. temp.	—
,,		Humidity	—
Atbara		Maximum	—
Wau		Maximum	—
Tor	6	Barometer	1010·0
Atbara		Minimum	24
Port Said ...	7	Rainfall	Drops
Tor		Wind force	3
Malakal		8 h. temp.	27·3
,,		Humidity	79
Juba		8 h. temp.	26·0
,,		Humidity	79
Tor	8	Wind direction	NE
,,		Wind force	3
Kassala		Maximum	—
El Obeid ...		8 h temp.	23·5
,,		Humidity	83
Wau		Maximum	—
Tanta	9	Wind direction	W
,,		Wind force	1
,,		State of sky	0
Tor		Wind direction	—
,,		Wind force	0
Kassala		Maximum	—

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
El Obeid ...	10	State of sky	2
Tor	11	Wind force	3
Qosseir		8 h temp.	27·9
,,		Humidity	55
Tor	12	Barometer	1011·4
Atbara		Barometer	—
Tor	13	Wind force	2
El Obeid ...		Wind direction	NE
Tor	15	Wind force	4
Qosseir		8 h. temp.	26·8
,,		Humidity	64
,,		Maximum	31
Atbara		Barometer	—
Sollum	16	Minimum	17
Tor		Wind direction	NE
,,		Wind force	1
Tor		State of sky	0
Tor	17	Wind force	1
Kassala	18	Maximum	—
Tor	19	Wind force	3
Khartoum ...		Wind direction	NE
Siwa	20	Barometer	1020·2
Wau		Maximum	—
Atbara	22	Barometer	—
Siwa	23	Barometer	1024·8
Tor	25	Wind direction	NE
,,		Wind force	2
,,	26	Wind force	3
Suez	27	State of sky	2
Tor		Wind force	2
Qosseir	28	Wind force	3
Malakal	29	Rainfall	0
Qasr el Gebali.		Wind direction	N
Tor	31	Wind force	3
Atbara	31	Barometer	—

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR OCTOBER, 1931.

The Weather.

Unusual features of the weather of October were the occurrences of heavy rain in Lower Egypt early in the month and in Upper Egypt towards the end of the month.

On the 1st a shallow depression crossed Lower Egypt, giving rise to severe rainstorms. At Mersa Matrûh 10 millimetres were recorded, and there were strong northwest winds and high seas. Shortly before midnight rain began to fall heavily in Cairo, where 6 millimetres were registered in about twenty minutes. Showers were general throughout Lower Egypt, the amounts being abnormally large for the time of year. The weather became settled on the following day.

On the 5th a shallow depression passed along the Mediterranean coast of Egypt causing southerly winds and a considerable rise of temperature which however was of short duration. Light showers on the coast and in the Canal Zone followed its passage, the largest amount recorded being 5 millimetres at Rosetta.

Settled conditions were then established and prevailed for a fortnight, with winds chiefly northerly and with small departures from the normal state. A depression passing over Southern Asia Minor reached Syria on the 21st and cool northwesterly winds traversed lower Egypt. Rain fell heavily in the vicinity of Alexandria. High pressure then formed over Egypt and northeasterly winds with fine weather prevailed for several days.

Very unusual weather was subsequently experienced in Upper Egypt. On the night of the 26th there was a thunderstorm near Aswân with heavy rain and strong winds from the south. Rain continued to fall with diminishing intensity until noon on the 27th. The storm extended at least as far south as El Derr, where considerable damage to buildings and crops is reported. This is the fourth occasion in the last eighteen years on which rain has fallen at Aswân in October.

During the last week the weather in Lower Egypt was warm and humid.

For the month as a whole the barometric pressure was above normal in Egypt and mainly below normal in the Sudan. The temperature was everywhere above normal. Humidity in Cairo and Alexandria was slightly above normal. Rainfall throughout the Sudan was a little in excess of the normal amount.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR OCTOBER, 1931.

DISTRICTS.	Barometric Pressure.		Temperature.						Rainfall.	
			Maximum.		Minimum.		Max.+Min./2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1017·4	+1·8	29·0	+0·8	21·2	+0·8	25·1	+0·8	3	— 3
II. Middle Egypt	1017·0	+0·9	30·5	+0·9	17·4	+0·6	24·0	+0·8	2	0
III. Upper Egypt	1014·1	+0·5	35·3	+0·8	20·8	+1·3	28·0	+1·0	0	0
IV. North Sudan	1009·5	—0·4	40·4	+1·2	24·6	+1·2	32·5	+1·2	6	+ 2
V. Red Sea*	1012·1	+0·3	34·8	+1·1	26·0	+1·6	30·4	+1·4	0	— 10
VI. Central Sudan	1009·6	—0·7	37·4	+0·4	22·1	+1·3	29·8	+0·8	20	+ 4
VII. South Sudan	1010·6	0·0	34·0	0·0	22·5	+1·7	28·2	+0·8	128	+ 27

* Port Sudan only.

NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

L. J. SUTTON.
Director, Meteorological Service

State of the River.

Lake Albert at Butiaba rose 9 cms. during October. Its level on November 1st 1931 was 72 cms. above normal and 47 cms. above that of the corresponding day of last year.

The Bahr el Jebel at Juba fluctuated about both the normal and last year's levels with a peak on the 14th 63 cms. above normal.

River Sobat at Nasser rose at normal rate. The levels were above last year's throughout the month.

The white Nile at Malakal rose at normal rate. The levels during the month were a few cms. below normal but above last year's throughout.

During the first week the Blue Nile at Roseires fluctuated about normal, rose to a peak on the 12th 170 cms. above normal, then fell slightly until the 17th and rapidly thereafter. The levels were below normal during the first week and above it during the rest of the month and much above last year's throughout. At Khartoum, the Blue Nile fell steadily till the 13th, rose for three days, remained almost steady till the 21st and fell sharply thereafter. The levels were below normal during the first fortnight, above it during the second, and above last year's throughout the month.

River Atbara at Khashm el Girba fell slightly during the first ten days, rose until the 15th, then fell for the rest of the month. The levels were on the average 13 cms. above normal and 66 cms. above last year's.

The Main Nile at Wadi Halfa fell rapidly until the 22nd rose until the 27th and fell again during the last four days of the month. The levels were above normal during the first and last weeks and below it for the remainder of the month, but were above last year's throughout.

The differences of the mean levels in October 1931 from those of October 1930 and from the normal 1906-31 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	Oct. 1931 Minus Oct. 1930.	Oct. 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·31	+ 0·19
Nasser	+ 0·57	+ 0·02*
Malakâl	+ 0·37	— 0·06
Roseires	+ 1·55	+ 0·65
Khartoum	+ 1·16	+ 0·10
Khashm el Girba	+ 0·66	+ 0·13
Wadi Halfa	+ 0·99	+ 0·16

* Nasser Normal is for 1922–30 only.

Discharges of the Nile during September, 1931.

Observed by the Irrigation Department.

Aswân.

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	92·27	8680
2	92·40	9070
3	92·57	9350
4	92·62	9520
5	92·58	9340
6	92·48	9160
7	92·39	8980
8	92·30	8830
9	92·24	8690
10	92·20	8560
11	92·13	8400
12	92·07	8190
13	91·94	7930
14	91·85	7790
15	91·81	7650
16	91·83	7680
17	91·88	7790
18	91·92	7830
19	91·88	7720
20	91·88	7740
21	91·92	7750
22	91·93	7790
23	91·93	7780
24	91·90	7730
25	91·85	7650
26	91·73	7390
27	91·73	7420
28	91·74	7370
29	91·81	7480
30	91·86	7550
Approx. Monthly Mean		8160
Normal Mean 1912-1930		7720

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	8·38	9800
4	8·29	9650
7	8·03	9000
9	7·95	8610
11	7·75	8130
14	7·52	7800
16	7·64	8170
18	7·62	8060
21	7·66	8080
23	7·52	7780
25	7·42	7460
28	7·54	7650
30	7·45	7590
Approx. Monthly Mean		8310
Normal Mean 1912-1930		8460

River Atbara (kilo. 3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	13·98	1990
11	14·08	1670
15	14·00	1640
20	13·55	1200
25	13·44	763
30	12·89	534
Approx. Monthly Mean		1440
Normal Mean 1912-1930		1350

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	16·54	7080
6	16·14	6350
12	16·07	6130
16	16·04	6500
21	15·92	6750
26	15·81	6850
Approx. Monthly Mean		6560
Normal Mean 1912-1930		6520

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	15·61	8480
10	15·20	7940
15	15·15	7730
19	15·26	8010
23	15·44	8180
28	14·96	6110
Approx. Monthly Mean		7740
Normal Mean 1912-1930		6710

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	15·86	8060
6	15·44	6620
13	15·44	6410
17	15·38	6500
21	15·70	7260
26	15·36	5430
Approx. Monthly Mean		6440
Normal Mean 1912-1930		5580

Makwâr (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	11·43	5540
5	11·00	4860
7	10·86	4800
9	11·21	5230
12	11·05	5030
14	11·09	5040
16	11·60	5820
19	12·38	6740
21	11·38	5380
23	10·62	4430
26	10·37	4140
28	9·88	3730
30	9·52	3500
Approx. Monthly Mean		5040
Normal Mean 1912-1930		4970

Gezîra Main Canal.

(Kilo. 1·3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	15·35	41
1	15·35	42
16	15·68	56
16	15·68	54
Approx. Monthly Mean		57
Normal Mean 1925-1930		45

Wad el Aies (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	12·20	5130
7	11·94	4870
9	12·22	5170
12	12·06	4930
14	12·06	4900
16	12·55	5590
19	13·24	6800
21	12·18	5010
23	11·79	4500
26	11·40	4030
28	11·05	3690
30	10·80	3420
Approx. Monthly Mean		5030
Normal Mean 1912-1930		4690

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	15·84	1330
8	15·46	1510
13	15·45	1470
17	15·45	1360
22	15·80	1220
27	15·30	1750
Approx. Monthly Mean		1450
Normal Mean 1912-1930		1120

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	11·84	1040
11	11·94	1090
20	12·04	1140
25	12·04	1170
30	12·08	1140
Approx. Monthly Mean		1110
Normal Mean 1912-1930		1150

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	13·18	618
9	13·30	644
14	13·38	655
19	13·44	656
24	13·43	655
29	13·48	680
Approx. Monthly Mean		648
Normal Mean 1912-1930		694

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·87	654
3	9·93	655
4	9·94	664
5	9·95	669
7	9·99	663
8	10·00	646
10	10·04	670
12	10·07	671
14	10·09	678

River Sobât (*continued*).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
15	10·10	693
17	10·12	700
18	10·13	692
19	10·14	697
22	10·23	719
24	10·25	715
25	10·26	712
26	10·30	709
28	10·32	715
29	10·34	716
Approx. Monthly Mean		688

River Baro.

(6 kms. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·16	581
3	9·17	568
4	9·18	562
5	9·20	558
7	9·22	571
8	9·23	566
10	9·26	558
12	9·29	561
14	9·33	545
15	9·34	548
17	9·36	550
18	9·37	555
19	9·39	557
22	9·43	543
24	9·44	540
25	9·45	536
26	9·46	535
28	9·47	532
29	9·48	515
Approx. Monthly Mean		551

Gambeila * (River Baro)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Aug. 19	12·90	846
21	12·77	858
25	12·57	783
28	13·00	942
Approx. Monthly Mean		811
Normal Mean 1928-1930		1020
Sept. 1	13·11	1010
5	13·32	1020
9	14·26	1380
11	13·80	1200
16	13·58	1110
18	13·90	1250
22	13·76	1180
25	13·53	1050
29	13·38	1040
Approx. Monthly Mean		1130
Normal Mean 1928-1930		1090

* Gambeila discharge measured on July 24th and published in the Report on the weather and state of the River for August 1931 is cancelled.

Discharges of the Nile during September, 1931 (*continued*).

Observed by the Irrigation Department.

River Pibor

(6 kms. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·16	92
3	9·17	94
4	9·18	97
5	9·20	100
7	9·22	99
8	9·23	104
10	9·26	104
12	9·29	118
14	9·33	126
15	9·34	120
17	9·36	125
18	9·37	126
19	9·39	127
22	9·43	137
24	9·44	136
25	9·45	142
26	9·46	143
28	9·47	138
29	9·48	147
Approx. Monthly Mean		120

Akobo (River Pibor).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	14·69	66
11	14·95	79
16	15·06	78
20	15·12	74
25	15·20	80
26	15·21	81
30	15·24	69
Approx. Monthly Mean		73

Bahr el Zerâf (Kilo. 3).

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·50	158
18	12·58	150
28	12·60	150
Approx. Monthly Mean		152
Normal Mean 1912-1930		158

(D.S. Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·65	157
20	26·74	163
25	26·77	163
27	26·78	151
30	26·81	178
Approx. Monthly Mean		161
Normal Mean 1927-1930		158

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	28·33	36
19	28·43	53
23	28·46	49
27	28·47	48
29	28·49	53
Approx. Monthly Mean		46
Normal Mean 1927-1930		49

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·64	321
18	12·71	314
28	12·74	333
Approx. Monthly Mean		321
Normal Mean 1923-1930		300

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·80	328
17	13·84	313
27	13·88	312
Approx. Monthly Mean		317
Normal Mean 1923-1930		307

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·80	34
17	13·84	32
27	13·88	37
Approx. Monthly Mean		34
Normal Mean 1923-1930		36

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·80	292
17	13·84	278
27	13·88	281
Approx. Monthly Mean		284
Normal Mean 1923-1930		277

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·72	376
21	26·86	405
26	26·90	402
28	26·91	388
Approx. Monthly Mean		393
Normal Mean 1927-1930		381

(D.S. Head of Zerâf Cut No. 2)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	26·72	258
21	26·86	308
26	26·90	275
28	26·91	264
Approx. Monthly Mean		280
Normal Mean 1927-1930		214

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·65	17
20	26·74	9
24	26·76	8
27	26·78	9
30	26·81	5
Approx. Monthly Mean		12
Normal Mean 1927-1930		24

(Tail Cut No. 1)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	28·33	59
19	28·43	56
23	28·46	59
27	28·47	59
29	28·49	46
Approx. Monthly Mean		57
Normal Mean 1927-1930		64

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·71	16
21	26·86	3
24	26·86	3
28	26·91	3
Approx. Monthly Mean		8
Normal Mean 1927-1930		24

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·93	67
19	12·03	58
23	12·07	56
27	12·10	57
29	12·10	58
Approx. Monthly Mean		61
Normal Mean 1927-1930		71

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	11·93	356
19	12·03	360
23	12·07	371
27	12·10	379
29	12·10	360
Approx. Monthly Mean		362
Normal Mean 1927-1930		354

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	13·11	1370
2	13·10	1350
3	13·10	1330
4	13·05	1340
7	13·04	1360
8	13·11	1350
9	13·12	1330
10	13·09	1330
11	13·11	1380
12	13·09	1360
15	12·96	1210
16	12·96	1220
21	12·65	1060
25	12·44	983
29	12·52	1110
Approx. Monthly Mean		1210
Normal Mean 1912-1930		1030

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading. M.	Gauge. Site.	Disch. m³. p.s.
		River Sobât and Tributaries.			
2-9-1931	Pibor.	D.S. Makwai Junction	9·48	Makwai.	107
9-9-1931	,,	,, ,, ,, ...	9·58	,,	124
16-9-1931	,,	,, ,, ,, ...	9·74	,,	147
23-9-1931	,,	,, ,, ,, ...	9·85	,,	154
30-9-1931	,,	,, ,, ,, ...	9·93	,,	154
2-9-1931	Khor Makwai.	At Mouth	9·48	,,	19
9-9-1931	,,	,, ...	9·58	,,	31
16-9-1931	,,	,, ...	9·74	,,	57
23-9-1931	,,	,, ...	9·85	,,	77
30-9-1931	,,	,, ...	9·93	,,	97
2-9-1931	Pibor.	U.S. Makwai Junction	9·48	,,	98
9-9-1931	,,	,, ,, ,, ...	9·58	,,	96
16-9-1931	,,	,, ,, ,, ...	9·74	,,	89
23-9-1931	,,	,, ,, ,, ...	9·85	,,	84
30-9-1931	,,	,, ,, ,, ...	9·93	,,	72
11-9-1931	,,	D.S. Gila Junction	9·98	Gila.	127
25-9-1931	,,	,, ,, ,, ...	10·07	,,	135
11-9-1931	Gila.	At Mouth	9·98	,,	46
25-9-1931	,,	,, ...	10·07	,,	31
11-9-1931	Pibor.	U.S. Gila Junction	9·98	,,	95
25-9-1931	,,	,, ,, ,, ...	10·07	,,	135
23-9-1931	Baro.	U.S. Baro-Adura bifurcation	9·43	Pibor mouth.	823
23-9-1931	,,	D.S. ,, ,, ...	9·43	,,	656
23-9-1931	Adura.	,, ,, ,, ...	9·43	,,	141
23-9-1931	Jokau.	Junction with Baro	9·43	,,	35
23-9-1931	Mechar.	At offtake	9·43	,,	—68
24-9-1931	Baro.	U.S. Baro-Adura Junction	9·44	,,	445
24-9-1931	Adura.	,, ,, ,, ...	9·44	,,	307
25-9-1931	Pibor.	D.S. Geni Junction	15·20	Akobo.	142
25-9-1931	Geni.	Junction with Pibor	15·20	,,	—4
26-9-1931	Pibor.	D.S. River Akobo Junction	15·21	,,	143
26-9-1931	Akobo.	Junction	15·21	,,	61
27-9-1931	Pibor.	D.S. Agwei Junction	400·90	Agwei.	80
27-9-1931	Agwei.	Junction with Pibor...	400·90	,,	34
27-9-1931	Pibor.	U.S. Agwei Junction	400·90	,,	41
30-9-1931	,,	Pibor Post	10·78	Pibor Post.	37
29-9-1931	,,	D.S. River Kangen Junction	10·78	,,	37
29-9-1931	Kangen.	Junction with Pibor...	10·78	,,	26
		Bahr el Jebel and Tributaries.			
17-8-1931	Bahr el Jebel.	Gemeiza	429·37	Gemeiza.	809
22-8-1931	,,	,, ...	429·33	,,	772
17-8-1931	,,	Giggin	429·93	Giggin.	328
22-8-1931	,,	,, ...	429·70	,,	316
16-8-1931	,,	Terrikaka	14·30	Terrikaka	1100
21-8-1931	,,	,, ...	14·21	,,	1060
29-9-1931	,,	Khor Soliman	12·52	Mongalla	—2
29-9-1931	,,	,, Luri	12·52	,,	10
29-9-1931	,,	,, Koda...	12·52	,,	9
18-9-1931	Khor Unyam Kojie	Head	11·36	Bor.	—37
17-9-1931	Bahr el Jebel.	Bor, Kilo. 619	11·36	,,	810
18-9-1931	,,	,, ...	11·36	,,	756
19-9-1931	,,	About 7 Kms. D.S. Bor, Kilo 612			759
18-9-1931	Spill out.	Offtake about 8 Kms. D.S. Bor, Kilo 611			—31
18-9-1931	,, in.	Inlet about 100 mts. U.S. Spill out, kilo 603			206
18-9-1931	Jebel.	U.S. Aliab Tail 2, Kilo 603			847
18-9-1931	,,	0·5 Kilo. U.S. Reference Pole 120, Kilo 600·5			808

Occasional Discharges (*contd.*).

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³. p.s.
			M.		
		Bahr el Jebel and Tributaries (*contd.*).			
18-9-1931	Jebel.	1 Kilo D.S.R.P. 119, Kilo 593	—	—	730
19-9-1931	,,	U.S. Atem Head 1. Kilo 589·5	—	—	655
19-9-1931	Atem.	Head 1, Kilo 588	—	—	—32
19-9-1931	Jebel.	D.S. Atem Head 1, Kilo 587·8	—	—	579
20-9-1931	,,	D.S.R.P. 117 (D.S. Lake Fajerial) Kilo 584·5... ...	—	—	647
19-9-1931	,,	U.S.R.P. 116, Kilo 580·5	—	—	668
20-9-1931	,,	3 K. U.S.R.P. 114, Kilo 576	—	—	645
19-9-1931	,,	0·5 Kilo U.S. Atem Head 2*a*, Kilo 573	—	—	592
19-9-1931	,,	D.S. Atem Heads 2*a*, 2*b*, 2*c* and 2*d*, Kilo 571·5 ...	—	—	497
20-9-1931	Atem.	Head 3, Kilo 571	—	—	—46
20-9-1931	Jebel.	D.S. Atem Head 4*c*, Kilo 567·9	—	—	358
20-9-1931	,,	3·5 Kilo U.S. Lake Papiu Mouth, Kilo 559·5... ...	—	—	178
21-9-1931	Lake Papiu.	Mouth, Kilo 556	—	—	613
20-9-1931	Jebel.	0·5 Kilo D.S. Lake Papiu Mouth, Kilo 555·5... ...	—	—	665
20-9-1931	,,	R.P. 109 Kilo 544	—	—	508
21-9-1931	,,	R.P. 107 ,, 534	—	—	571
21-9-1931	Spill out.	Offtake ,, 523·5	—	—	—15
21-9-1931	Jebel.	D.S.P. 105, Kilo 523·5	—	—	353
21-9-1931	,,	Kenisa, Kilo 492·5	11·59	Kenisa	395
21-9-1931	,,	Abu Kika, Kilo 475·5	—	—	426
22-9-1931	Awai.	Head 1, Kilo 465	—	—	—50
22-9-1931	Jebel.	D.S. Awai, Head 1, Kilo 464·8	—	—	317
22-9-1931	Intake R.B.	Bahr el Jebel about Kilo 439	—	—	79
22-9-1931	Jebel.	U.S. Awai Tail 1*a*, Kilo 429·3	—	—	291
22-9-1931	,,	D.S. ,, ,, 1*b*, Kilo 428·8	—	—	657
23-9-1931	Awai Tail 2.	K. 412	—	—	17
23-9-1931	Jebel.	D.S. Awai Tail 2, Kilo 411·8	—	—	587
23-9-1931	,,	1 K. D.S. Shambe Lagoon, Kilo 405...	12·16	Shambe	765
23-9-1931	Awai Head 2.	200 mts. from offtake, Kilo 399	—	—	—85
24-9-1931	Jebel.	U.S. Awai Head 3, Kilo 382·2	—	—	459
24-9-1931	Awai Head 3.	Offtake Kilo 382	—	—	—107
24-9-1931	Jebel.	U.S. Awai Tail 3*a*, Kilo 372·7	—	—	364
24-9-1931	Awai.	At Tail 3*a*, Kilo 372·5	—	—	233
24-9-1931	,,	,, ,, 3*b*, Kilo 370...	—	—	137
24-9-1931	Jebel.	Awai Tail Gauge, Kilo 368	11·82	Awai Tail	771
25-9-1931	,,	U.S. Lake Nyong, Kilo 347	—	—	497
25-9-1931	,,	Pole 68, Kilo 342	—	—	588
25-9-1931	Western Channel.	At Head, Kilo 339·5	—	—	—338
25-9-1931	Jebel.	U.S. Tail of Western Channel, K. 335·2	—	—	323
25-9-1931	Western Channel.	At Tail, ,, ,, K. 335	—	—	329
25-9-1931	Jebel.	R.P. 64, Kilo 321	—	—	674
25-9-1931	Spill out R. B.	At Head, Kilo 319	—	—	—31
25-9-1931	Jebel.	R.P. 63, Kilo 315	—	—	369
25-9-1931	,,	,, ,, ,, ,, ...	—	—	360
25-9-1931	,,	Ghabet el Inderab, Kilo 310...	12·10	Ghabet el Inderab	581
26-9-1931	,,	U.S. Head Cut 1, Kilo 296	12·10	Head cut 1	132
26-9-1931	,,	,, ,, ,, 2, ,, 289	26·90	,, ,, 2	281
26-9-1931	Peake's Channel.	At Tail, Kilo 282·9...	—	—	176
26-9-1931	Jebel.	0·5 Kilo D.S. Mouth of a Lagoon R.B. K. 280 ...	—	—	458
26-9-1931	,,	D. S. a Lagoon R. B. Kilo 273	—	—	463
26-9-1931	,,	,, ,, R. P. 53, Kilo 266	—	—	441
26-9-1931	,,	1 Kilo U.S.R.P. 51, Kilo 256	—	—	315
26-9-1931	,,	D.S. a Lagoon P. 51, Kilo 255	—	—	303
27-9-1931	,,	R.P. 49, Kilo 247·3...	—	—	259
26-9-1931	,,	R.P. 48, ,, 241	—	—	291
27-9-1931	,,	R.P. 45, U.S. Tail of Fell's Channel, K. 222	—	—	223
27-9-1931	Fell's Channel.	U.S. Tail P. 45, Kilo 222	—	—	156
27-9-1921	Jebel.	U.S. Gogés Channel, Kilo 214·3	10·94	Hillet Nuer	487
27-9-1931	,,	Meshra Adok, Kilo 212·5...	10·94	,,	388
28-9-1931	,,	R.P. 37, Kilo 183·5...	—	—	406

Occasional Discharges (*continued*).

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading.	Gauge. Site.	Disch. m³. p.s.
			M.		
		Bahr el Jebel and Tributaries (*contd.*).			
28-9-1931	Jebel.	R.P. 30, Kilo 153	—	—	379
28-9-1931	,,	,, 25, ,, 125	—	—	361
28-9-1931	,,	,, 19, ,, 96	—	—	334
28-9-1931	,,	,, 13, ,, 67	—	—	346
29-9-1931	,,	D.S.R.P. 7, Kilo 40	11·20	Buffalo cape	343
29-9-1931	,,	R.P. 4, Kilo 20·5	11·20	,,	351
29-9-1931	,,	Kilo 3	13·88	Lake No.	295

P. Phillips,
Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 09 m

" " sunset 17 h 08 m

From Observations taken at 8 h. to-day.

Sunday 1st November, 1931 — ١٩٣١ الأحد أول نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1021.0	+0.8	+3.0	NW	2	4	17.7	−1.5	—	23?	—	14	—	73	—	0	1	—	1
	MATRUH	1019.5	+1.2	+2.3	NW	3	1	19.2	−3.8	−1.2	24	−1	17	+1	74	−2	0	10	20	3
	ALEXANDRIA	1019.5	+2.1	+2.1	NW	1	3	22.8	−0.7	+1.1	28	+2	22	+4	73	+3	0	drops	6	1
	PORT SAID	1018.3	+2.3	+2.8	NNW	2	2	24.4	−0.7	+1.7	29	+3	22	+3	66	−4	0	7	3	1
	GAZA																			
	HAIFA																			
LOWER EGYPT	TANTA	1018.7	+2.0	—	W	1	2	21.8	+1.6	—	31	—	18	—	79	—	0	drops	—	—
	CAIRO: EZBEKIYA	1018.4	+1.8	+1.5	NNE	2	3	20.8	−0.5	+2.6	31	+3	19	+4	83	+4	0	6	2	—
	CAIRO: GIZA	1018.8	+2.0	+1.9	N	2	3	21.2	−0.2	—	30	+3	18	+4	81	—	0	4	2	—
	CAIRO: HELWAN	1018.6	+1.9	+1.5	N	2	2	21.2	+0.2	+1.6	31	+4	20	+4	77	+8	0	6	1	—
	SIWA	1020.7	+0.7	+3.3	—	0	0	18.9	−1.0	+1.1	34	+5	14	+1	80	+17	0	0	0	—
RED SEA	SUEZ	1017.1	+2.1	+1.3	N	3	4	21.5	+0.7	+1.2	30	+2	29	+2	88	+11	0	0	4	3
	TOR	1015.6	+1.2	+0.6	NW	5 4	0	24.6	+2.8	+2.3	29	+2	16	0	83	+17	0	0	0	2
	HURGHADA	1015.8	+1.2	—	NW	6	0	25.5	−1.7	—	31	—	19	—	69	—	0	0	—	3
	QOSSEIR	1015.4	+1.0	—	NW	4	0	28.4	−0.4	—	32	—	22	—	46	—	0	0	—	2
UPPER EGYPT	DEBALI	1018.4	+1.2	+1.8	N	3	0	21.2	+0.7	+1.3	33	+5	18	+4	73	+7	0	0	—	—
	MINYA	1016.7	+0.5	—	N	4	1	21.5	+1.5	+2.1	30	+3	18	+3	82	+6	—	—	—	—
	ASYUT	1017.0	+0.6	+1.0	WNW	2	0	21.2	−0.8	+1.7	32	+4	18	+3	76	+6	0	0	—	—
	QENA	1015.8	+0.6	—	NNW	1	0	23.2	+0.7	+0.9	38	+6	19	+4	48	−9	—	—	—	—
	KHARGA	1015.1	+0.4	—	NE	1	0	23.9	−1.3	—	37	—	18	—	61	—	0	0	—	—
	ASWAN	1014.8	+0.6	+0.3	S	1	0	24.8	−1.2	+1.7	40	+6	20	+2	42	−3	—	—	—	—
NORTH SUDAN	WADI HALFA	1011.9	0.0	−2.7	N	2	0	25.0	−0.4	+3.0	34	+5	21	+4	31	−8	—	—	—	—
	MERONE	1010.3	0.0	−1.9	NE	1	0	30.0	+1.0	+2.8	40	+2	24	+4	33	+2	0	0	1	—
	ATBARA	1011.9	+0.1	+0.8	SE	2	0	31.0	+0.5	+2.9	38	+1	23	+1	34	+8	0	0	1	—
	KHARTOUM	1009.0	0.0	−0.9	N	1	0	29.0	+0.5	+2.3	39	+2	24	+2	39	+5	0	16	5	—
EAST SUDAN	PORT SUDAN	1015.1	+1.3	+2.3	NE	3	0	30.1	0.0	+1.2	33	+1	25	+1	72	+5	0	0	10	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1007.4	+0.6	−2.5	WSW	1	0	26.0	−1.5	+0.4	38	+1	20	+1	69	+9	8	61	31	—
EQUATORIAL SUDAN	EL FASHER																			
	EL OBEID																			
	MALAKAL	1009.0	−0.1	−1.8	—	0	0	27.4	+1.2	+1.2	33	−2	23	+3	81	+12	0	92	80	—
	WAU	1006.3	−0.7	−3.5	ENE	3	1	28.2	−0.2	+2.5	36	+1	23	+3	72	−5	0	171	127	—
	JUBA	1008.6	−0.8	—	NNW	2	0	26.8	+1.6	—	35	—	21	—	71	—	0	121	94	—

Upper Wind Observation at Helwan at 9.00 a. m.

Height (metres)	Speed (knots per hour)	Direction
500	15	NNE
1000	5	E
1500	10	WNW
2000	10	WSW
3000	20	SW

General Situation

High pressure extends from central Europe towards Egypt, with a shallow depression over Syria.

الحالة العمومية

هناك ارتفاع ممتد من وسط اوروبا نحو مصر - ويوجد انخفاض ضحل فوق سوريا

Forecast for 24 hours from noon to-day.

Moderate winds, northwest to north on the coast, north to northeast inland.
Occasional medium cloud.
Cooler.

توقعات الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة بين شمالية غربية وشمالية على الساحل وبين شمالية وشمالية شرقية في الداخل - يظهر بعض السحب المتوسط الارتفاع احيانا - الطقس أميل للبرودة.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	80	+13	21.2	+3.4
Ezbekiya	73	+7	20.5	+2.6
Giza	75	+5	20.3	—
Helwan	62	+7	19.1	+3.4

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Malakal rainfall published on 29th October should be zero.

ملاحظة - مقدار المطر في الملكال المذكور بتقرير يوم ٢٩ اكتوبر صفر

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
31.10	4864	2590
30.10	4921	2466

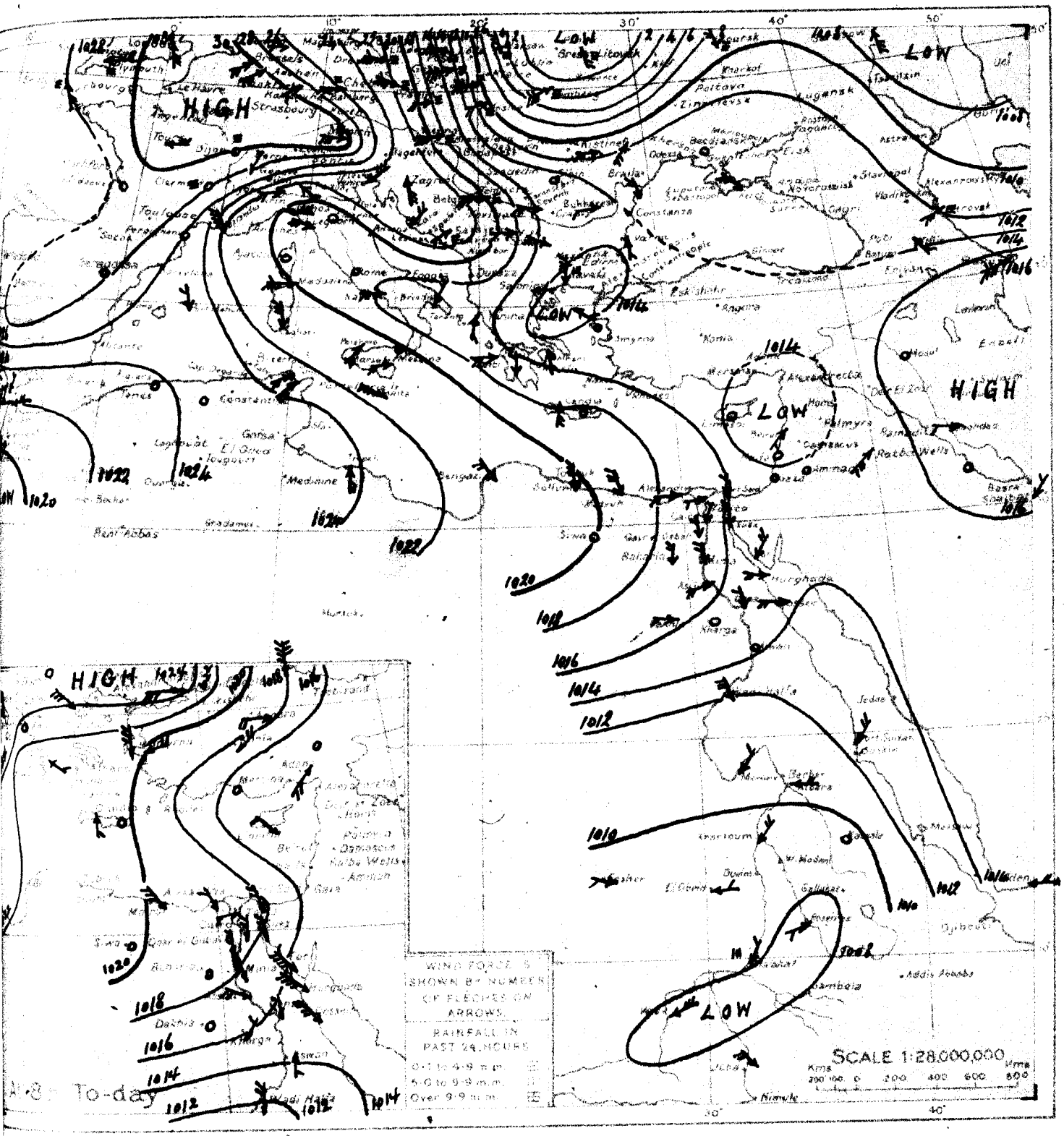
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	31.10	14.22	+0.50	14.25	+0.54
Nasser	29.10	10.56	+0.05	10.56	+0.05
Malakal	31.10	12.26	−0.01	12.24	−0.03
Roseires	31.10	15.00	+0.26	15.09	+0.31
Sennar Res.	1.11	17.71	—	17.59	—
Makwar	31.10	7.37	−0.72	7.44	−0.71
Khartoum	31.10	13.25	+0.08	13.32	+0.14
Kh. el Girba	29.10	11.18	+0.02	11.18	−0.01
Atbara	31.10	12.52	+0.23	12.60	+0.25
Wadi Halfa	1.11	5.64	+0.70	5.75	+0.75
Aswan Res.	31.10	98.33	—	98.43	—
" D.S.	31.10	90.09	+0.71	90.14	+0.66
El Leithi	31.10	22.14	+0.19	22.18	+0.14
Roda (Cairo)	1.11	17.99	−0.11	18.03	−0.15

PRINTED AT THE SURVEY OF EGYPT 1930(30/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١٠-٣١ Barometer and Wind at 8 h. Yesterday 31.10.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٠-٣١ From Observations taken at 8 h yesterday. 31.10.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.6	+0.6	+5.2	—	0	2	12	0	—	17	—	9	—	70	—	—	—	114	—
	MALTA	1021.2	+1.0	+3.2	WNW	3	2	17	-1	—	20	-3	16	0	70	—	0	39	66	2
	ATHENS	1015.0	+0.8	-2.2	S	1	0	16	0	—	—	—	—	—	60	—	—	—	41	—
	CANDIA	1019.4	+1.8	+1.9	—	0	1	23	-1	—	27	+5	14	-1	—	—	0	38	37	1
	LIMASSOL	1013.9	-2.4	-2.0	—	0	3	23	-1		32	+6	12	-2	—	—	0	7	22	1
EGYPT and SUDAN	Kharga خارجة	1014.7	-0.1	—	—	0	0	25.2	-1.8	—	37	—	17	—	57	—	0	0	—	—
	Merowe مروى	1010.3	-1.1	-1.8	NE	1	0	29.0	0.0	+1.6	41	+3	24	+3	31	0	0	0	1	—
	Kassala كسلا	1008.8	+0.9	-1.0	—	0	0	32.0	-1.5	+2.0	39	+1	23	+1	33	-13	0	8	11	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 10

" " sunset 17 07

From Observations taken at 8h. to-day.

Monday 2nd November, 1931 ١٩٣١ الاثنين ٢ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1024.0	+3.0	+6.0	NNE	5	4	18.7	+1.0	—	23	—	14	—	74	—	drops	1	—	5
	MATRUH	1022.8	+3.3	+5.6	NNE	4	4	20.0	+0.8	-0.3	24	-1	18	+2	79	+3	0	10	21	5
	ALEXANDRIA	1021.4	+1.9	+4.0	N	6	3	20.0	-2.8	-1.6	28	+2	20	+2	71	+1	0	drops	7	4
	PORT SAID	1019.8	+1.5	+4.2	NNW	4	3	22.2	-2.2	-0.4	28	+2	21	+2	56	-14	0	7	3	4
	GAZA	—	—	—	—	0	2	22.3	+0.2	+1.0	26	-1	17	+2	79	+9	0	3	9	—
	HAIFA	1016.0	+1.3	+0.8	—	0	0	24.8	-0.9	+1.9	28	+1	18	+3	54	-7	0	5	20	1
LOWER EGYPT	TANTA	1020.3	+1.6	—	NNW	1	1	19.7	-2.1	—	29	—	16	—	72	—	0	drops	—	—
	CAIRO, EZBEKIYA	1020.3	+1.9	+3.3	NNE	3	3	19.0	-1.8	+0.9	29	+1	17	+2	73	-6	0	6	2	—
	GIZA	1020.3	+1.5	+3.3	NE	2	3	20.4	-0.8	—	28	+1	16	+2	70	—	0	4	2	—
	HELWAN	1019.9	+1.3	+2.7	NE	5	0	20.3	-0.9	+0.8	29	+2	19	+3	57	-12	0	6	1	—
	SIWA	1023.6	+2.9	+6.1	—	0	0	18.4	-0.5	+0.8	30	+1	12	-1	69	+6	0	0	0	—
RED SEA	SUEZ	1018.6	+1.5	+2.7	N	2	2	21.5	0.0	+1.4	28	0	19	+1	74	-3	0	0	4	1
	TOR	1014.3	+1.3	-0.8	NW	5	10	21.0	-3.6	-1.1	27	0	18	+2	74	+8	0	0	0	5
	HURGHADA	1016.7	+0.9	—	NNW	6	0	24.9	-0.6	—	29	—	20		69		0	0		4
	GOSSEIR	1015.5	+0.1	—	NW	5	0	26.1	-2.3	—	31	—	23	—	55		0	0	—	4
UPPER EGYPT	GEBALI	1019.8	+1.4	+3.1	NNE	3	0	20.4	-0.8	+0.6	30	+2	17	+3	64	-2	0	0		
	MINYA	1019.0	+2.3	—	N	3	0	20.5	-1.0	+1.3	29	+2	17	+2	74	-2				
	ASYUT	1018.2	+1.2	+2.1	WNW	2	2	21.0	-0.2	+1.7	30	+2	19	+4	75	+5	0	0		
	QENA	1015.9	+0.1	—	WNW	2	1	21.0	-2.2	-1.1	37	+5	18	+3	80	+23				
	KHARGA	1017.2	+2.1	—	NE	1	0	23.9	0.0	—	34	—	19		67		0	0		
	ASWAN	1014.3	-0.5	-0.3	S	1	0	24.9	+0.1	+2.0	40	+6	20	+2	41	-4	—	—	—	
NORTH SUDAN	WADI HALFA	1012.6	+0.7	-2.1	NNE	2	0	24.2	-0.8	+2.4	39	+5	20	+3	35	-4	—	—	—	
	MEROWE																			
	ATBARA	1012.0	+0.1	+0.8	E	2	0	30.0	-1.0	+2.0	38	+1	22	+1	38	+11	—	0	1	
	KHARTOUM	1008.8	-0.2	-1.2	NE	1	0	28.0	-1.0	+1.5	40	+3	25	+3	40	+6	0	16	5	
EAST SUDAN	PORT SUDAN	1013.6	-1.5	+0.7	NE	3	1	30.2	+0.1	+1.4	33	+1	24	0	70	+3	0	0	12	3
	KASSALA																			
	WAU MEDANI																			
	ROSEIRES	1005.0	-2.4	-4.9	—	1	0	25.5	-0.5	-0.1	37	0	21	+2	65	+6	0	61	31	
SOUTH SUDAN	EL FASHER	1008.5	+0.9	—	WNW	1	0	22.0	-4.0	-1.0	39	+4	15	0	22	-11	0	0	8	
	EL OBEID																			
	MALAKAL	1007.9	-1.1	-2.9	—	0	0	28.2	+0.8	+2.1	35	0	24	+4	78	+10	0	92	80	
	WAU	1006.4	+0.1	-3.4	E	3	0	28.0	-0.2	+2.3	37	+2	22	+2	70	-7	0	171	128	
	JUBA																			

Upper Wind Observations at Helwan at h. m. 8 30

Height in metres	Km an hour	Direction
500	35	NNE
1000	20	NE
1500	15	W
2000	30	WSW
3000		

General Situation

The high pressure over central Europe has intensified and a sharp gradient from the Balkans towards Egypt has resulted. Syria remains an area of low pressure.

الحالة العامة

اشتد الارتفاع على أواسط اوروبا وتكون تدرج حاد في الضغط ما بين البلقان ومصر ولا تزال سوريا منطقة ضغط منخفض

Forecast for 24 hours from noon to day.

Moderate to fresh north to northwest winds on the coast, moderate northerly winds inland. Much medium and low cloud. Becoming much cooler. Rain on the coast probable.

توقعات الطقس من ظهر اليوم الى ظهر الغد

رياح ما بين المعتدلة والشديدة نوعا شمالية وشمالية غربية على الساحل ورياح معتدلة شمالية في الداخل يكثر السحاب المتوسط والمنخفض ويبرد الطقس كثيرا ويحتمل ان تمطر على الساحل

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	61	-5	19.5	+1.8
Ezbekiya	72	+6	19.6	+1.8
Giza	72	+1	19.7	—
Helwan	64	+9	18.5	+2.9

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
1-11	4793	2603
31-10	4864	2590

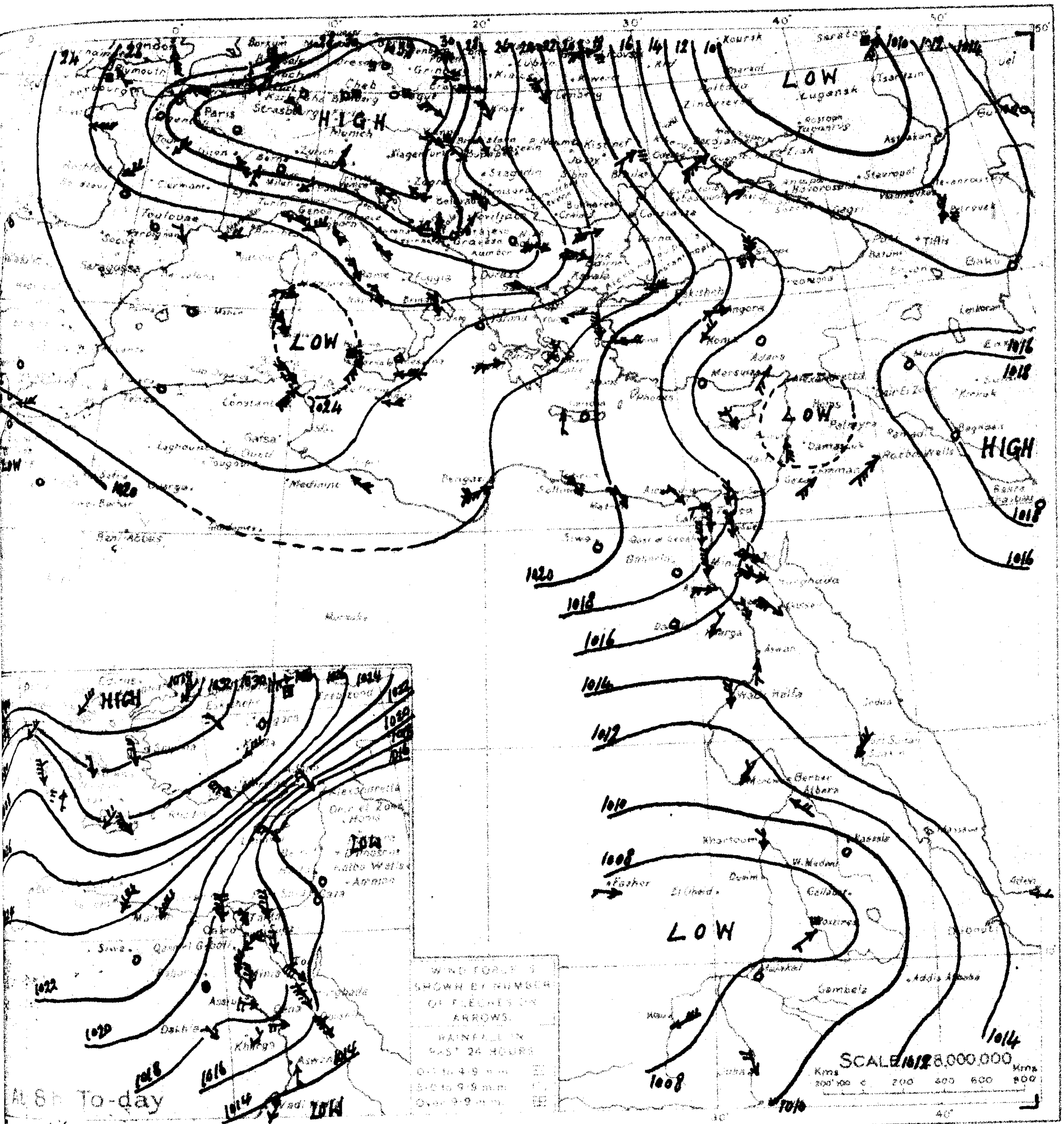
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	1-11	13.92	+0.20	14.22	+0.50
Nasser	31-10	10.57	+0.06	10.57	+0.06
Malakal	1-11	12.26	-0.01	12.26	-0.01
Roseires	2-11	14.92	+0.21	15.00	+0.26
Sennar Res.	1-11	17.83	—	17.71	—
Makwar	1-11	7.27	-0.78	7.37	-0.72
Khartoum	2-11	13.06	+0.01	13.14	+0.04
Kh. el Girba	29-10	11.18	+0.02	11.18	-0.01
Atbara	2-11	12.34	+0.14	12.42	+0.17
Wadi Halfa	2-11	5.54	+0.66	5.64	+0.76
Aswan Res.	1-11	98.20	—	98.33	—
" D.S.	1-11	90.04	+0.74	90.09	+0.71
El Leithi	2-11	22.10	+0.28	22.16	-0.20
Roda (Cairo)	2-11	18.01	-0.04	17.99	-0.11

PRINTED AT THE SURVEY OF EGYPT 1929(29/589/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٣١-١١-١ Barometer and Wind at 8 h. Yesterday *1.11.31.*



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٣١-١١-١ From Observations taken at 8 h. yesterday *1.11.31.*

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1026.4	+6.8	+12.1	N	2	0	11	-1	—	19	—	9	—	70	—	—	—	118	—
	MALTA	1023.6	+2.4	+5.6	E	2	3	19	+2	—	20	-2	16	0	60	—	0	39	68	2
	ATHENS	1022.3	+7.3	+4.9	NE	1	2	13	-3	—	—	—	—	—	50	—	—	—	42	—
	CANDIA	1020.3	+0.9	+2.9	—	0	1	20	-3		25	+3	15	0	—	—	0	38	38	1
	LIMASSOL	1015.0	+1.1	-1.0	NW	1	4	20	-3		29	+4	13	-1	—	—	0	7	23	3
EGYPT and SUDAN	Kassala كسلا	1009.4	+0.6	-0.4	—	0	0	33.5	+1.5	+3.6	40	+2	23	+1	33	-13	0	8	11	—
	Wad Medani ود مدني	1009.1	-0.2	-0.7	W	2	0	28.5	-0.5	+0.7	40	+2	25	+4	77	+41	0	11	12	—
	El Fasher الفاشر	1004.9	-0.3	—	WNW	1	0	26.0	0.0	+2.8	39	+4	19	+3	39	+6	0	0	8	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 11

" " sunset 17 06

From Observations taken at 8 h. to-day.

Tuesday 3rd November, 1931 ١٩٣١ الثلاثاء ٣ نوفمبر

	STATION	Barometer Reduced to Sea-level	Change in last 24 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff from normal	Max.	Diff from normal	Min.	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall 24 h.	Since 1 Oct.	Since 1 Jan.	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MED. TERRANEAN	SOLLUM	1026.3	+2.3	+8.2	NNE	5	4	16.3	-2.4	—	20	—	15		59		dr.	1		4
	MATRUH	1024.0	+1.2	+6.8	NNE	4	4	18.0	-2.0	-2.1	22	-3	17	+1	71	-5	0	10	21	7
	ALEXANDRIA	1021.8	+0.4	+4.3	NE	5	2	18.6	-1.4	-2.9	22	-4	19	+1	64	-6	0	dr.	8	4
	PORT SAID	1019.9	+0.1	+4.3	NNW	3	2	20.6	-1.6	-1.8	26	0	18	-1	54	-16	0	7	4	4
	GAZA	—	—	—	—	0	2	18.2	-4.1	-3.0	25	-2	15	0	73	+3	0	3	10	
	HAIFA	1016.4	+0.4	+1.2	—	0	0	22.9	-1.9	+0.1	27	0	17	+2	62	+1	0	5	23	2
LOWER EGYPT	TANTA	1021.1	+0.8	—	W	1	3	16.5	-3.2	—	24		13		73		0	dr.		
	ZAGAZIG	1021.0	+0.7	+4.0	NE	2	0	15.7	-3.3	-2.3	26	-1	14	-1	74	-5	0	6	2	
	GIZA	1021.0	+0.7	+4.0	NNW	2	1	16.3	-4.1	—	25	-2	12	-1	75	—	0	4	2	
	HELWAN	1021.2	+1.3	+4.0	NNE	3	0	16.5	-3.8	-2.9	25	-2	14	-2	56	-13	0	6	1	
	KWR	—	—	—	NNE	1	0	14.1	-4.3	-3.3	28	-1	11	-2	76	+13	0	0	0	
RED SEA	SUEZ	1017.0	+0.4	+3.1	N	2	0	16.5	-5.0	-3.5	26	-2	14	-4	74	-3	0	0	4	2
	TOR	1015.4	+1.1	+0.2	NE	5	0	22.5	+1.5	+0.6	27	0	16	0	63	-3	0	0	0	5
	HURGHADA	1016.0	-0.7		NNW	7	0	21.2	-3.7	—	29		17		65		0	0		5
	QOSSEIR	1015.6	+0.1		N	6	0	23.3	-2.8	—	32		21		57		0	0		3
UPPER EGYPT	[illegible]	1020.8	+1.0	+4.0	N	3	0	18.0	-2.4	-1.7	26	-2	13	-1	53	-14	0	0		
	MINIA	1020.2	+1.2		N	3	0	16.5	-4.0	-2.5	27	0	13	-2	69	-8				
	ASYUT	1019.6	+1.4	+3.4	NW	3	0	15.8	-5.2	-3.3	29	+1	14	-1	67	-3	0	0		
	[illegible]	1015.9	0.0		WSW	3	0	19.2	-1.8	-2.7	34	+2	17	+2	66	+9				
	KHARGA																			
	ASWAN	1014.0	-0.3	-0.7	N	2	0	22.6	-2.3	-0.1	39	+6	20	+2	47	+2				
NUBIA	WADI HALFA	1012.7	+0.1	-2.1	N	4	0	22.2	-2.0	+0.6	37	+3	18	+2	50	+11				
	MEROWE	1009.6	-0.8	-2.8	NE	2	0	28.0	-2.0	+1.2	41	+3	23	+3	33	+2	0	0	1	
	ATBARA	1012.9	+0.2	+1.0	E	2	0	30.5	+0.5	+2.6	37	0	23	+2	36	+9	0	0	1	
	KHARTOUM	1008.4	-0.4	-1.6	ENE	1	1	28.5	+0.5	+2.2	39	+2	23	+1	36	+3	0	16	5	
SOUTH SUDAN	[illegible]																			
	KODOK																			
	WAU																			
	MALAKAL	1005.1	+0.1	-4.8	WSW	1	0	28.5	+3.0	+2.9	38	+1	21	+2	55	-4	0	61	31	
EQUATORIAL PROVINCE	N.E.	1008.3	+0.4	-2.5	NNW	2	2	27.0	-1.2	+0.9	36	+1	23	+3	80	+13	tr.	92	81	
	LADO	1007.8	+0.3		NNW	2	1	26.2	-2.1	—	35		20		67		0	121	97	
	EL FASHER	1007.1	-1.7		WNW	1	0	28.0	+6.0	+5.1	38	+3	16	+1	20	-13	0	0	8	
	EL OBEID	1007.2	+0.4	-4.6	E	2	0	31.0	+2.0	+5.0	38	+3	23	+5	31	-7	0	6	19	

Noon Sea Observations at Halwan at 9 00

General Situation

There is little change in the distribution of pressure, high pressure being centred over Central Europe. There is a sharp gradient from Greece to Upper Egypt.

لم يتغير توزيع الضغط الا قليلا حيث يوجد الارتفاع فوق أواسط اوروبا وانحدار الضغط كبير من اليونان نحو مصر العليا.

Height in Metres	Wind Force	Direction
500	20	N
1000	35	NNE
1500	15	N
2000	25	NNW
3000		

Forecast for 24 hours from noon to day.

Moderate to fresh northerly winds. Some medium cloud. Remaining cool.

رياح شماليه بين المعتدلة والشديدة نوعاً. تظهر بعض السحب المتوسط الارتفاع. يستمر الطقس مائلا للبرودة.

STATION	Humidity Mean of Day Yester-day	Diff from normal	Wet Bulb Temperature Mean of Day Yester-day	Diff from normal
	%	%	°C	°C
Alexandria	59	-7	14.1	-3.5
Ezbekiya	63	-3	16.0	-1.7
Giza	65	-6	16.4	—
Helwan	55	0	15.1	-0.4

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
3.11	4595	2220
2.11	4709	2425

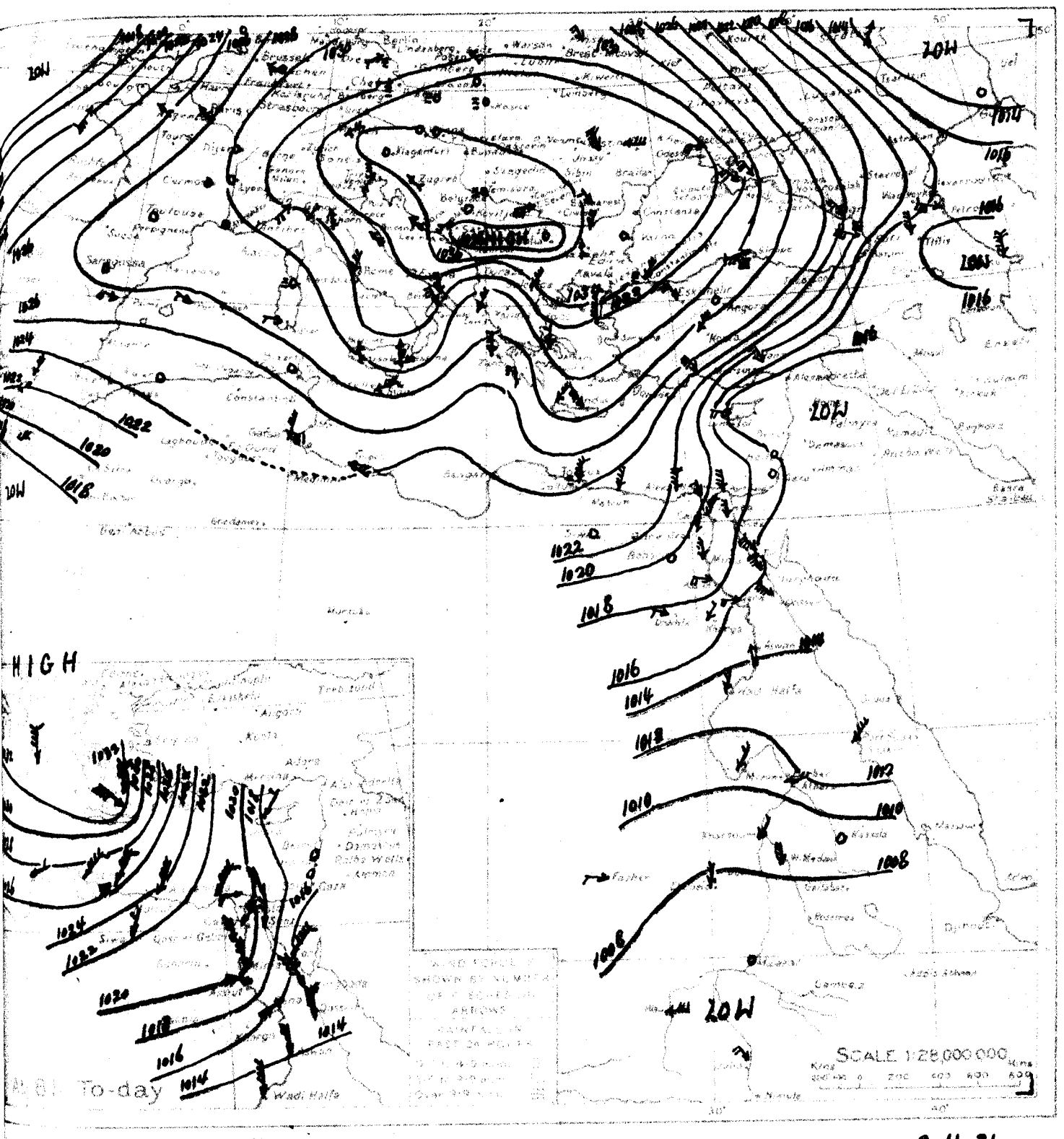
GAUGE	Date 1931	Reading m	Diff from normal m	Prev. Reading m	Diff m
Juba	2.11	13.92	+0.20	13.92	+0.20
Nasser	1.11	10.57	+0.07	10.57	+0.06
Malakal	2.11	12.27	0.00	12.26	-0.01
Roseires	3.11	14.85	+0.17	14.93	+0.21
Sennar Res.	2.11	17.95	—	17.63	—
Makwar	2.11	7.16	-0.84	7.27	-0.78
Khartoum	3.11	12.94	-0.06	13.06	+0.01
Kh. el Girba	31.10	11.10	0.00	11.10	-0.02
Atbara	2.11	12.34	+0.14	12.42	+0.17
Wadi Halfa	3.11	5.45	+0.65	5.54	+0.66
Aswan Res.	3.11	97.86	—	98.05	—
" D.S.	3.11	89.90	+0.77	89.97	+0.73
El Leithi	3.11	22.10	+0.36	22.10	+0.28
Roda (Cairo)	3.11	18.01	+0.04	18.01	-0.04

PRINTED AT THE SURVEY OF EGYPT 1929(29/569/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢-١١-٣١ Barometer and Wind at 8 h. Yesterday 2.11.31.



٢-١١-٣١ From Observations taken at 8 h. yesterday 2.11.31.

	Station	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1st to yesterday	Rainfall: Normal from Oct. 1st to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1032.0	+5.6	+17.7	NE	2	0	11	0	—	19	—	10	—	70	—	—	—	122	—
	MALTA	1029.2	+5.6	+11.2	ENE	5	2	17	-2	—	22	0	17	+1	60	—	0	39	71	4
	ATHENS	1032.0	+9.7	+14.6	N	1	1	9	-4	—	—	—	—	—	40	—	—		44	
	CANDIA	1029.5	+9.2	+12.1	NW	4	3	14	-6	—	23	+2	13	-2	—	—	0	38	41	6
	LIMASSOL	1015.0	0.0	-1.0	WNW	2	0	20	0		25	0	14	+1	—	—	0	7	25	2
EGYPT and SUDAN	Merowe	1010.4	+0.1	-1.9	NE	2	0	30.0	0.0	+3.6	40	+2	23	+3	16	-15	0	0	1	—
	Kassala	1008.7	-0.7	-1.1	—	0	0	33.5	0.0	+3.7	39	+1	22	0	33	-13	0	8	11	—
	Wad Medani	1009.0	-0.1	-0.9	N	3	0	30.0	+1.5	+2.4	41	+3	22	+1	60	+14	0	11	12	—
	El Obeid	1006.8	-2.2	-5.0	N	2	0	29.0	-2.6	+2.8	38	+3	21	+3	26	-13	0	6	19	—
	Juba	1007.5	-1.1	—	NW	2	1	28.3	+1.5	—	36	—	21	—	62	—	0	121	95	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 12 m

" sunset 17 h 06 m

From Observations taken at 8 h. to-day.

Wednesday 4th November, 1931 — ١٩٣١ الأربعاء ٤ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Last 24 hours	Rainfall: Since 1st Sept.	Rainfall: Total last year	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MED. TERRANEAN	SOLLUM	1026.2	−0.1	+8.1	NNE	5	3	15.8	−0.5	—	19	—	15	—	54	—	0	1	—	5
	MATRUH	1023.8	−0.2	+6.5	ENE	4	4	18.4	+0.4	−1.6	20	−5	17	+1	64	−12	0	10	22	6
	ALEXANDRIA	1021.8	0.0	+4.3	NE	4	2	21.9	+3.3	+0.5	22	−4	—	—	59	−11	0	drops	9	3
	PORT SAID	1020.8	+0.9	+5.1	NE	5	2	20.0	−0.6	−2.3	25	−1	19	0	55	−16	0	7	4	5
	GAZA				SE	1	0	18.6	+0.4	−2.4	24	−3	14	−1	56	−14	0	3	11	
	HAIFA	—	—	—	ENE	1	0	19.7	−3.2	−2.9	24	−3	14	−1	54	−7	0	5	26	3
COMPARTMENT	TANTA	1021.1	0.0	—	N	1	2	18.0	+1.5		23	—	13	—	70	—	0	drops		
	EZBEKIYA	1020.4	−0.6	+3.3	NNE	2	3	16.8	+1.1	−1.1	25	−2	15	0	68	−11	drops	6	2	
	GIZA	1020.7	−0.3	+3.6	N	1	3	17.3	+1.0	—	23	−4	14	+1	68	—	drops	4	2	
	HELWAN	1020.6	−0.6	+3.3	N	3	1	17.1	+0.6	−2.1	22	−5	15	−1	63	−6	0	6	1	
	SIWA	1019.1	—	+1.5	NE	4	0	14.6	+0.5	−2.6	24	−4	12	−1	77	+13	0	0	0	
RED SEA	SUEZ	1018.7	−0.3	+2.7	N	2	4	19.5	+3.0	−0.4	25	−3	16	−2	59	−18	0	0	4	2
	TOR	1014.3	−1.1	−1.0	NE	2	0	20.1	−2.4	−1.7	24	−3	14	−2	53	−13	0	0	1	0
	HURGHADA	1015.2	−0.8		NW	7	0	21.5	+0.3		27		17		64		0	0		5
	QOSSEIR	1014.8	−0.8		NE	6	2	~~24.02~~	+3.7		28		21		34		0	0		2
UPPER EGYPT	ASSIUT	1020.4	−0.4	+3.6	N	3	0	18.0	0.0	−1.5	24	−4	15	+1	53	−14	0	0		
	MINYA	1019.6	−0.6		NNW	3	0	16.5	0.0	−2.4	23	−4	13	−2	69	−8				
	ASWAN	1019.0	−0.6	+2.7	NW	3	0	15.9	+0.1	−3.0	24	−4	14	0	65	−5	0	0		
	WADI HALFA	1015.9	0.0		WSW	3	0	17.2	−2.0	−4.5	28	−4	14	−1	66	+9				
	KHARGA																			
	DAKHLA	1014.6	+0.6	−0.2	NE	2	1	21.2	−1.4	−1.3	33	0	19	+1	40	−6				
SUDAN	WADI HALFA	1012.4	−0.3	−2.5	NNW	4	0	19.2	−3.0	−2.2	34	+1	17	+1	51	+12				
	KORTI	1010.7	+1.1	−1.8	NE	1	0	28.0	0.0	+1.4	38	+1	22	+2	33	+2	0	0	1	
	KHARTOUM	—	—	—	E	2	0	29.5	−1.0	+1.8	38	+1	22	+1	37	+10	0	0	1	
	KASSALA	1009.4	+1.0	−0.7	NNE	1	0	28.4	−0.1	+2.2	37	+1	23	+1	26	−7	0	16	5	
	EL OBEID	1011.9	+0.3	−1.1	NW	3	2	28.4	+3.7	−0.3	30	−2	22	−2	77	+10	29	29	15	3
	KORDOFAN																			
	WAD MEDANI																			
	SENNAR	1006.2	+1.1	−3.7	WNW	1	0	28.0	−0.5	+2.5	37	0	22	+3	63	+5	6	67	32	
	EL FASHER	1009.3	+2.2		NNE	1	0	21.5	—	—	39	+4	15	0	—	—	0	0	8	
	EL OBEID																			
	MALAKAL	1009.6	+1.3	−1.2	NE	1	4	25.9	−1.1	−0.2	34	−1	24	+4	81	+15	0	92	81	
	WAU																			
	JUBA																			

Upper Wind Observations

Height	Wind Speed	Direction
500	35	ENE
1000	45	ENE
1500	55	NE
2000		
3000		

General Situation

The pressure distribution of yesterday is maintained.

الحالة العمومية

لم يتغير توزيع الضغط عن أمس.

Forecast for 24 hours from noon to-day.

Moderate to fresh north to northeast winds.
Some low cloud.
Temperature remaining below normal.

التنبؤ لمدة ٢٤ ساعة من ظهر اليوم

رياح ما بين الشمال والشمال الشرقي ما بين المعتدلة والشديدة نوعا - يظهر بعض السحاب المنخفض - تستمر درجة الحرارة دون المعدل.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	56	−10	15.3	−2.2
Ezbekiya	64	−2	14.5	−3.1
Giza	69	−2	14.6	—
Helwan	49	−6	13.1	−2.3

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks.

Cancel Wau readings published yesterday.

ملاحظة - تلغى قراءات واو المنشورة بتقرير أمس.

Discharges at Aswan measured by gauges m³ per sec

DATE	1931	1930
3.11	4595	2220
2.11	4709	2425

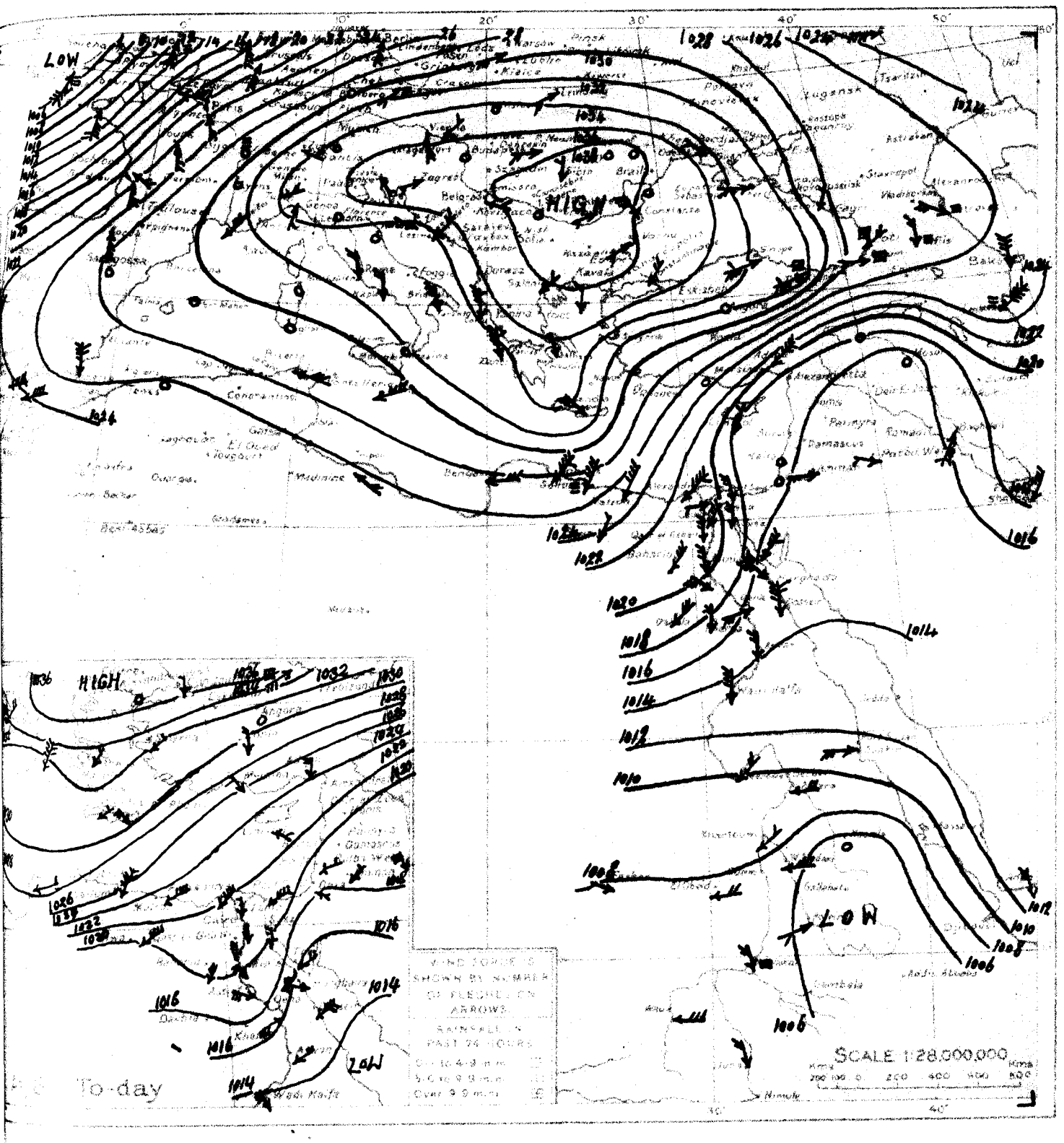
GAUGE	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	3.11	13.63	−0.09	13.92	+0.20
Nassir	3.11	10.57	+0.07	10.57	+0.07
Malakal	3.11	12.28	+0.01	12.27	0.00
Roseires	4.11	14.78	+0.13	14.85	+0.17
Sennar Res.	3.11	18.06	—	17.95	—
Makwar	3.11	7.06	−0.89	7.16	−0.84
Khartoum	3.11	12.94	−0.06	13.06	+0.01
Kh. el Girba	31.10	11.10	0.00	11.10	−0.02
Atbara	3.11	12.23	+0.09	12.34	+0.14
Wadi Halfa	3.11	5.45	+0.65	5.54	+0.66
Aswan Res.	3.11	97.86	—	98.05	—
" D.S.	3.11	89.90	+0.77	89.97	+0.73
El Leithi	4.11	22.08	+0.43	22.10	+0.36
Roda (Cairo)	4.11	17.99	+0.09	18.01	+0.04

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣-١١-٣١ Barometer and Wind at 8 h. Yesterday 3.11.31.



٣-١١-٣١ From Observations taken at 8 h. yesterday 3.11.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum yesterday	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN																			
ROME	1033.5	+1.5	+19.3	N	2	0	9	-2	—	18	—	7	—	70	—	—	—	126	—
MALTA	1029.3	+0.1	+11.3	ENE	4	3	17	0	—	19	-3	16	0	50	—	0	39	73	4
ATHENS	—	—	—	NNW	1	3	8	-1	—	—	—	—	—	50	—	—	—	47	—
CANDIA	1032.8	+3.3	+15.6	NW	4	3	14	0	—	15	-6	11	-4	—	—	0	38	43	7
LIMASSOL	1017.8	+2.8	+1.6	NNE	1	0	18	-2		24	-1	12	-1	—	—	0	7	27	5
EGYPT and SUDAN																			
Kharga	1017.2	0.0	—	N	2	0	18.2	-5.7	—	31	—	15	—	63	—	0	0	—	—
Port Sudan	1011.6	-2.0	-1.3	W	3	4	24.7	-5.5	-4.8	33	+1	24	0	82	+15	0	0	13	3
Kassala	1005.3	-3.4	-4.5	—	0	0	33.5	0.0	+3.8	39	+1	24	+2	38	-8	0	8	11	—
Wad Medani	1007.0	-2.0	-2.9	ESE	4	0	29.0	-1.0	+1.6	40	+2	21	0	49	+14	0	11	12	—
Wau	1006.3	-0.1	-3.5	ESE	3	1	27.0	-1.0	+1.3	37	+2	22	+2	77	+1	0	171	128	—
Malakal	1008.3	+0.4	-2.5	NNW	2	2	27.0	-1.2	+0.9	36	+1	23	+3	80	+13	trace	92	81	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 12m

" " sunset 17h 05m

From Observations taken at 8h. to-day.

Thursday 5th November, 1931 — ١٩٣١ — الخميس ٥ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1024.3	−1.9	+6.2	NE	2	5	17.0	+1.2	—	19	—	14	—	64	—	drops	1	—	3
	MERSUR	1022.4	−1.4	+5.0	NE	3	2	18.8	+0.4	−1.1	20	−5	16	0	67	−9	0	10	23	4
	ALEXANDRIA	1021.2	−0.6	+3.6	N	3	2	18.3	−3.6	−3.0	24	−2	17	−1	55	−15	1	1	10	3
	PORT SAID	1018.2	−2.6	+2.5	ENE	3	3	21.0	+1.0	−1.2	21	−5	13	−5	48	−23	0	7	4	3
	GAZA	—	—	—	—	0	0	14.6	−4.0	−6.2	22	−5	11	−4	64	−6	0	3	13	—
	HAIFA	1018.3	0.0	+3.0	ENE	2	0	18.8	−0.9	−3.6	22	−5	13	−2	52	−9	0	5	29	2
LOWER EGYPT	TANTA	1020.2	−0.9	—	WNW	1	1	17.0	−1.0	—	23	—	10	—	63	—	0	drops	—	—
	EZBEKIYA	1019.8	−0.6	+2.6	N	2	2	13.7	−3.1	−4.1	25	−2	11	−4	64	−15	0	6	2	—
	GIZA	1020.0	−0.7	+2.8	—	0	2	13.6	−3.7	—	24	−3	10	−3	72	—	0	4	2	—
	HELWAN	1019.6	−1.0	+2.3	N	4	0	16.0	−1.1	−3.1	23	−4	13	−3	41	−28	0	6	1	—
	SIWA	1023.0	—	+5.3	NNW	2	3	15.2	+0.6	−1.8	24	−4	11	−1	68	+4	0	0	0	—
RED SEA	SUEZ	1017.5	−1.2	+1.5	N	2	0	15.8	−3.7	−4.0	23	−5	14	−3	64	−13	0	0	5	1
	TOR	1015.0	+0.7	−0.3	NE	2	1	18.5	−1.6	−3.1	25	−2	12	−4	54	−12	0	0	1	0
	HURGHADA	1015.2	0.0	—	NW	7	1	19.7	−1.8	—	27	—	16	—	50		0	0		5
	QOSSEIR	1015.0	+0.2	—	NW	5	0	21.3	—	—	27	—	18	—	54		0	0		2
UPPER EGYPT	GEBALI	1019.5	−0.9	+2.6	N	1	0	18.0	0.0	−1.3	25	−3	10	−4	53	−15	0	0		
	MINIA	1020.4	+0.8	—	NNW	3	0	14.5	−2.0	−4.3	24	−3	11	−4	79	+2				
	ASSIUT	1019.4	+0.4	+3.0	NNW	3	0	14.8	−1.1	−3.9	25	−3	12	−2	67	−3	0	0		
	SOHAG	1016.3	+0.4	—	WNW	3	1	16.2	−1.0	−5.2	30	−2	14	−1	64	+7				
	KHARGA																			
	ASWAN	1015.4	+0.8	+0.5	N	2	0	20.3	−0.9	−2.0	32	−1	18	0	38	−8	—	—	—	
UPPER NILE SUDAN	WADI HALFA	1013.6	+1.2	−1.4	N	2	0	18.4	−0.8	−2.8	30	−3	16	0	50	+10	—	—	—	
	MEROWE																			
	ATBARA	—	—	—	NE	2	0	30.5	+1.0	+3.0	37	0	23	+2	35	+8	0	0	1	
	KHARTOUM	1011.8	+2.4	+1.6	N	1	0	26.4	−2.0	+0.4	36	0	23	+1	28	−5	0	16	5	
	KORT SUDAN	1012.6	+0.7	−0.4	N	2	0	28.8	+0.4	+0.2	32	0	24	0	74	+7	0	29	17	2
	KASSALA																			
	WAD MEDANI																			
	SINNAR	1007.8	+1.6	−2.1	WNW	1	0	28.5	+0.5	+3.0	37	0	23	+4	55	−3	0	67	32	
	FASHER	1012.6	+3.3		WSW	1	0	21.0	—	−1.5	38	+3	16	+1	27	−6	0	0	8	
	KORDOFAN	1011.8	+1.9	−0.1	NE	3	0	26.5	−0.6	+0.7	36	+1	18	0	34	−3	0	6	19	
	MALAKAL	1010.3	+0.7	−0.5	NNE	1	0	29.0	+3.1	+2.9	35	0	24	+4	61	−4	0	92	82	
	WAU	1008.6	+2.0	−1.2	N	3	0	28.3	−0.1	+2.6	38	+3	22	+2	69	−7	0	171	130	
	LADO																			

Upper Air observations at Helwan at 8.30 a.m.

Height in Metres	Speed in Knots	Direction
500	50	N
1000	40	NE
1500	40	NE
2000	60	NNE
3000		

General Situation

There is little change in the pressure distribution. The high pressure over the Balkans and central Mediterranean is slowly weakening and pressure over Egypt is falling gradually. The depression over northern Iraq remains.

الحالة العمومية

لم يتغير توزيع الضغط الا قليلا. أما الارتفاع الذى فوق البلقان واواسط البحر الابيض فآخذ فى الاضمحلال ببطء والضغط فوق مصر آخذ فى الهبوط بالتدريج - ولا يزال الانخفاض الذى فوق شمال العراق مرابطا.

Forecast for 24 hours from noon to-day.

Moderate northerly winds.
Much medium cloud.
Possibility of further light rain on the coast.
Remaining cool.

توقعات ٢٤ ساعة ابتداء من ظهر اليوم الى ظهر الغد

رياح شمالية معتدلة - يكثر السحاب المتوسط الارتفاع - ربما تساقط مطر خفيف آخر على الساحل - يستمر الطقس باردا للبرودة.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	56	−10	16.1	−1.3
Ezbekiya	58	−8	13.9	−3.6
Giza	57	−14	14.3	—
Helwan	50	−5	12.9	−2.3

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m.3 per sec	1931	1930
DATE		
4.11	4452	2080
3.11	4595	2220

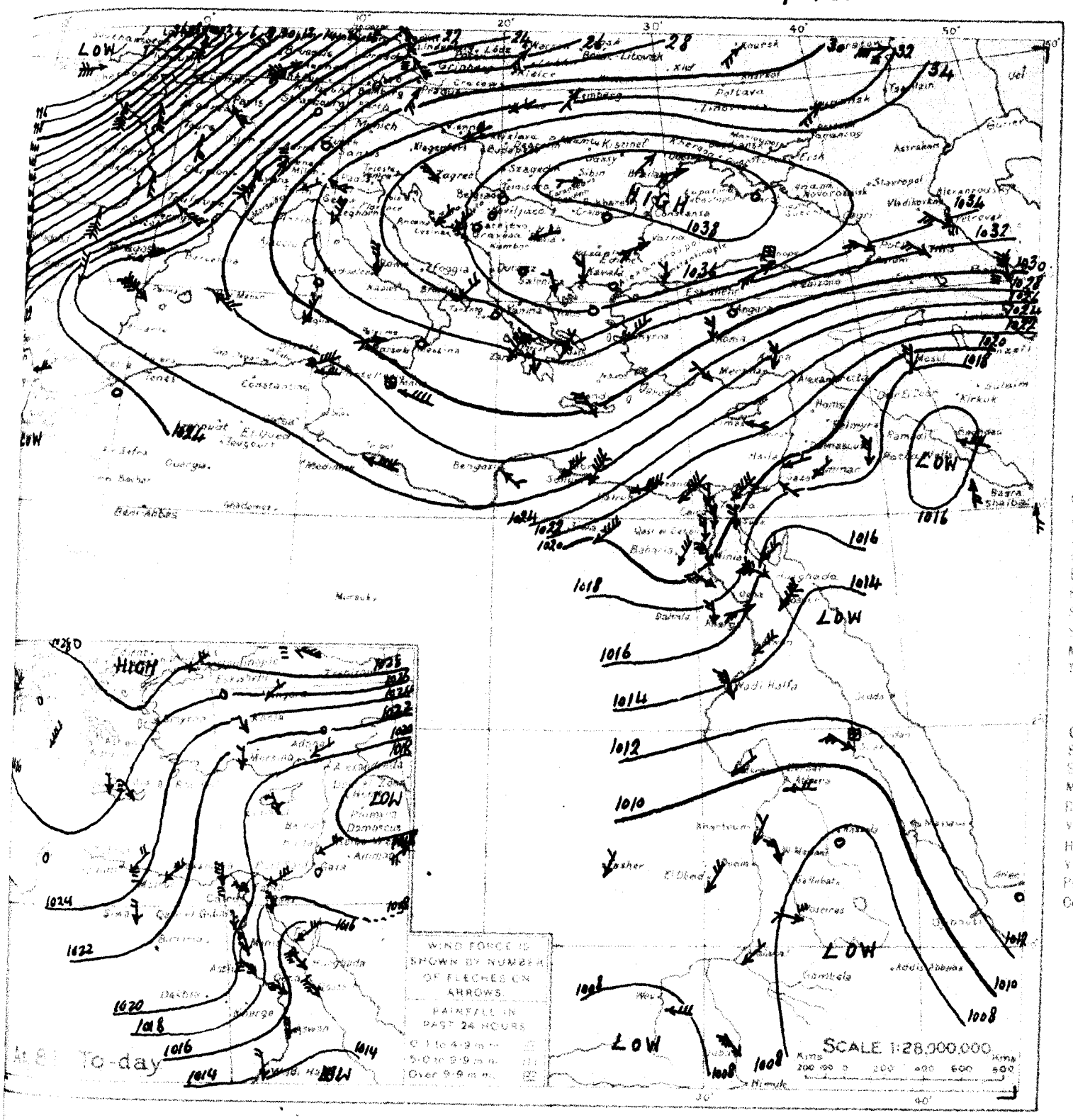
GAUGE	Date	Reading	Diff. from normal	Prev. Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	4.11	13.62	−0.10	13.63	−0.09
Nasser	4.11	10.57	+0.08	10.57	+0.07
Malakal	4.11	12.28	+0.01	12.28	+0.01
Roseires	5.11	14.72	+0.12	14.78	+0.13
Sennar Res.	4.11	18.17	—	18.06	—
Makwar	4.11	6.92	−0.99	7.06	−0.89
Khartoum	4.11	12.84	−0.11	12.94	−0.06
Kh. el Girbai	31.10	11.10	0.00	11.10	−0.02
Atbara	4.11	12.17	+0.08	12.23	+0.09
Wadi Halfa	5.11	5.23	+0.58	5.34	+0.57
Aswan Res.	4.11	97.63	—	97.86	—
" D.S.	4.11	89.79	+0.73	89.90	+0.77
El Leithi	5.11	22.05	+0.50	22.08	+0.43
Roda (Cairo)	5.11	14.95	+0.11	14.99	+0.09

PRINTED AT THE SURVEY OF EGYPT 1929(29/669/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٤-١١-٣١ Barometer and Wind at 8 h Yesterday 4.11.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٤-١١-٣١ From Observations taken at 8 h yesterday. 4.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1032.6	-0.9	+18.4	N	3	0	9	0	—	18	—	7	—	80	—	—	—	130	—
	MALTA	1028.3	-1.0	+10.1	ESE	4	4	18	+1	—	18	-4	16	0	60	—	10	49	76	3
	ATHENS	1033.8	—	+16.4	NE	1	1	8	0	—	—	—	4	-9	70	—	—	—	49	—
	CANDIA	1030.3	-2.5	+13.1	NW	3	3	16	+2	—	15	-6	12	-3	—	—	0	38	46	4
	LIMASSOL	1022.8	+5.0	+6.6	ESE	1	0	15	-3		23	-2	8	-5	—	—	0	7	30	4
EGYPT and SUDAN	Kharga	1017.5	+0.3	—	N	2	0	18.4	+0.2	—	26	—	14	—	66	—	0	8	—	—
	Kassala	1007.4	+2.1	-2.4	—	0	0	33.5	0.0	+3.9	39	+1	24	+2	38	-9	0	8	11	—
	Wad Medani	1008.6	+1.6	-1.4	N	2	0	29.0	0.0	+1.7	39	+1	21	0	49	+14	0	11	12	—
	El Obeid	1009.9	+2.7	-2.0	NE	2	0	24.1	-3.9	+6.2	36	+1	20	+2	31	-7	0	6	19	—
	Wau	1006.6	+0.3	-3.2	ESE	3	0	28.4	+1.4	+2.7	37	+2	23	+3	71	-5	0	171	129	—
	Juba	1008.6	+0.8	—	NW	4	2	25.4	-0.8	—	36	—	19	—	77	—	0	121	98	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 13m

" " sunset 17h 05m

From Observations taken at 8h. to-day.

Friday 6th November 1931 — ١٩٣١ — الجمعة ٦ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1022.8	−1.5	+4.6	W	4	2	13.0	−4.0		20		10		77		drops	1	—	3
	MATRUH	1021.5	−0.9	+4.1	NNW	3	4	13.8	−5.0	−5.9	20	−5	13	−2	94	+18	1	11	23	4
	ALEXANDRIA	1020.0	−1.2	+2.4	S	1	2	18.0	−0.3	−3.2	24	−2	14	−3	71	+1	0	1	11	1
	PORT SAID	1019.5	+1.3	+3.7	WNW	2	1	19.0	−2.0	−3.0	25	−1	16	−2	62	−9	0	7	5	3
	GAZA	—	—	—	SW	1	4	16.1	+1.5	−4.6	22	−4	13	−2	64	−7	0	3	14	
	HAIFA	1017.0	−1.3	+1.6	ESE	1	0	20.7	+1.9	−1.6	25	−2	14	−1	47	−14	0	5	32	1
LOWER EGYPT	TANTA	1020.6	+0.4		NNW	1	0	15.7	−1.3		23		9		64		0	drops		
	CAIRO: AZBEKIYA	1020.0	+0.2	+2.8	—	0	2	14.0	+0.3	−3.7	24	−3	10	−5	67	−12	0	6	2	
	CAIRO: GIZA	1021.0	+1.0	+3.7	—	0	0	13.1	−0.5	—	24	−3	6	−7	76	—	0	4	2	
	CAIRO: HELWAN	1021.2	+1.6	+3.8	—	0	0	14.2	−1.8	−4.7	22	−4	11	−5	65	−4	0	6	2	
	SIWA	1022.8	−0.2	+5.0	—	0	1	17.9	+2.7	+1.0	24	−4	9	−3	28	−36	0	0	0	
RED SEA	SUEZ	1017.6	+0.1	+1.5	N	2	0	16.0	+0.2	−3.7	23	−5	12	−5	59	−18	0	0	5	1
	TOR	1016.7	+1.7	+1.3	N	5	0	19.5	+1.0	−1.9	23	−4	17	+2	59	−6	0	0	1	4
	HURGHADA	1017.6	+2.4		NW	6	1	20.0	+0.3		25		15		57		0	0		4
	QOSSEIR	1017.5	+2.5		N	6	0	22.1	+0.8		26		19		43		0	0		5
UPPER EGYPT	SIOUT	1021.9	+2.4	+4.9	N	2	0	14.8	−3.2	−4.2	23	−5	9	−4	58	−11	0	0		
	MINYA	—	—		NNW	2	0	14.0	−0.5	−4.6	22	−5	10	−5	78	+1				
	ASSIUT	1021.9	+2.5	+5.4	WNW	3	0	14.6	−0.2	−4.0	22	−6	10	−4	68	−2	0	0		
	QENA	1019.1	+2.8		W.SW	3	0	16.2	0.0	−4.9	26	−6	15	0	72	+14				
	KHARGA	1019.2	+1.3		N	1	0	17.3	−0.2		24		12		51		0	0		
	ASWAN	1018.8	+3.4	+3.8	N	1	0	17.6	−2.7	−4.6	30	−3	12	−6	45	−1				
SOUTH SUDAN	WADI HALFA	1019.6	+6.0	+4.6	N	3	0	15.8	−2.6	−5.2	29	−4	13	−3	42	+2				
	MEROWE	1017.5	+6.0	+4.8	NE	2	0	21.0	−3.0	−5.2	37	0	16	−4	20	−11	0	0	1	
	ATBARA	—	—	—	NE	3	0	28.0	−2.5	+0.7	38	+2	22	+1	39	+11	0	0	1	
	KHARTOUM	1016.2	+4.4	+5.9	N	1	0	25.0	−1.4	−0.8	35	−1	22	0	16	−17	0	16	5	
CENTRAL SUDAN	PORT SUDAN	1013.1	+0.5	0.0	N	3	3	28.4	−0.4	−0.1	32	0	25	+1	80	+13	0	29	18	3
	KASSALA	1008.6	−0.9	−1.3	—		0	28.0	+1.0	−1.3	39	+1	23	+1	51	+4	0	8	11	
	WAD MEDANI	1011.9	+2.1	+1.8	WNW	4	0	28.0	−1.0	+0.9	39	+1	—	—	24	−10	0	11	12	
	ROSEIRES	1008.8	+1.0	−1.1	NW	2	0	28.0	−0.5	+2.5	37	0	21	+2	33	−24	0	67	32	
EQUATORIAL PROVINCES	EL FASHER	1014.7	+2.1		NW	1	0	22.0	+1.0	−0.3	37	+2	15	0	25	−7	0	0	8	
	EL OBEID	1013.8	+2.0	+1.8	NNE	3	1	24.2	−2.3	−1.5	36	+1	18	0	25	−12	0	6	19	
	MALAKAL	1012.4	+2.1	+1.6	NNE	3	0	26.2	−2.8	+0.1	35	0	21	+1	35	−29	0	92	82	
	WAU	1011.5	+2.9	+1.7	NW	5	0	26.4	−1.9	+0.7	35	0	22	+2	66	−9	6	177	130	
	JUBA	1010.6	−0.1		NNW	1	1	28.0	+1.4		35		20		63		0	121	100	

General Situation — الحالة الجوية

Forecast for 24 hours from noon to-day. — من الظهر فصاعدا في الطقس من ظهر اليوم الى ظهر غد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	48	−18	13.4	−3.8
Ezbekiya	58	−8	12.7	−4.7
Giza	57	−14	12.8	—
Helwan	38	−17	11.4	−3.7

NOTE A dash means that figures are not available

Terms of Subscription. By inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
6.11	4207	1721
5.11	4317	1841

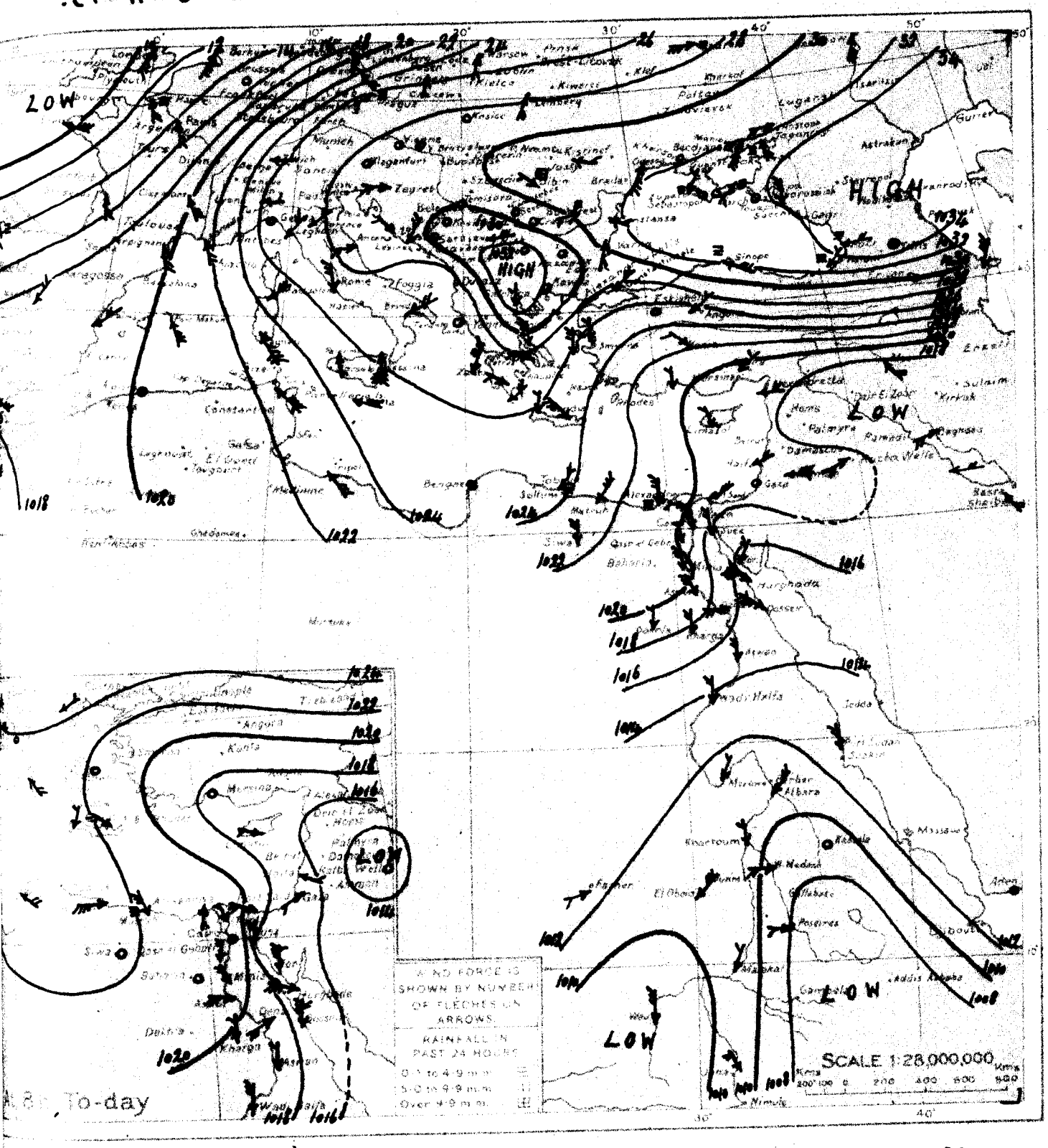
GAUGE	Date	Reading	Diff. from normal	Previous Reading	Diff. from normal
	1931	m.	m.	m.	m.
Juba	6.11	13.53	−0.18	13.60	−0.11
Nasser	5.11	10.57	+0.08	10.57	+0.08
Malakal	4.11	12.28	+0.01	12.28	+0.01
Roseires	5.11	14.72	+0.12	14.78	+0.13
Sennar Res.	6.11	18.39	—	18.28	—
Makwar	6.11	6.75	−1.06	6.89	−0.96
Khartoum	5.11	12.72	−0.18	12.84	−0.11
Kh. el Girba	2.11	11.06	−0.02	11.08	−0.01
Atbara	4.11	12.17	+0.08	12.23	+0.09
Wadi Halfa	5.11	5.23	+0.58	5.34	+0.57
Aswan Res.	6.11	97.39	—	97.41	—
" D.S.	6.11	89.57	+0.68	89.70	+0.73
El Leithi	5.11	22.05	+0.50	22.18	+0.43
Roda (Cairo)	5.11	7.95	+0.11	[illegible]	[illegible]

PRINTED AT THE SURVEY OF EGYPT 1929(29/539/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٥ - ١١ - ٣١. Barometer and Wind at 8 h. Yesterday **5.11.31.**



WIND VELOCITY

	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	91-103	11
Hurricane	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٥ - ١١ - ٢١. From Observations taken at 8 h. yesterday. **5.11.31.**

	Station	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b.	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1027.6	-5.0	+13.6	N	3	0	9	0	—	18	—	6	—	80	—	—	—	133	—
	MALTA	1025.5	-2.8	+7.3	ESE	3	2	18	0	—	21	-1	16	0	60	—	0	49	79	2
	ATHENS	1027.6	-6.2	+10.2	WNW	2	0	12	+4	—	—	—	—	—	50	—	—	—	51	—
	CANDIA	1025.2	-5.1	+8.0	NW	3	2	17	+1	—	18	-3	14	-1	—	—	0	38	49	4
	LIMASSOL	1019.1	-3.7	+2.8	NNW	1	0	18	+3		21	-4	8	-7	—	—	0	7	32	4
EGYPT and SUDAN	Kharga	1017.9	+0.4	—	N	2	0	17.5	-0.9	—	26	—	14	—	62	—	0	0	—	—
	Merowe	1011.5	+0.8	-1.1	NE	1	0	24.0	-4.0	-2.4	39	+2	20	0	26	-5	0	0	1	—
	Kassala	1009.5	+2.1	-0.4	—	0	0	27.0	-6.5	-2.5	39	+1	23	+1	56	+9	0	8	11	—
	Wad Medani	1009.8	+1.2	-0.3	WNW	2	0	28.0	0.0	+1.8	39	+1	22	+1	61	+26	0	11	12	—
	Juba	1018.7	+2.1	—	NNW	2	2	26.6	+1.2	—	34	—	20	—	87	—	0	121	99	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 14m

" " sunset 17h 04m

From Observations taken at 8h. to-day.

Saturday 7th November 1931 ١٩٣١ السبت ٧ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
MEDITERRANEAN	SOLLUM	1021.1	-1.7	+2.9	W	3	0	12.2	-0.8	—	22		9		84		dr.	—	—	0
	MATRUH	1019.4	-2.1	+1.9	WNW	3	1	15.2	+1.4	-4.4	20	-4	13	-2	83	+7	1	12	24	3
	ALEXANDRIA	1019.1	-0.9	+1.4	W	2	2	20.2	+2.2	-0.9	23	-3	16	-1	63	-7	4	5	12	2
	PORT SAID	1020.2	+0.7	+4.3	WSW	2	0	17.2	-1.8	-4.7	23	-3	14	-4	76	+5	0	7	5	1
	GAZA	—	—	—	SE	2	1	13.4	-2.7	-7.1	20	-6	11	-4	86	+15	7	10	15	
	HAIFA	1016.6	-0.4	+1.2	—	0	1	17.8	-2.9	-4.3	24	-3	13	-2	62	+1	2	7	35	T
LOWER EGYPT	TANTA	1019.2	-1.4	—	NW	1	0	14.8	-0.9		23		11		74		dr.	dr.		—
	CAIRO: EZBEKIYA	1020.3	+0.3	+3.0	SSE	2	0	14.0	0.0	-3.5	24	-3	12	-3	77	-2	0	6	2	—
	CAIRO: GIZA	1020.4	-0.6	+3.0	SSE	2	0	14.8	+1.7		24	-3	10	-3	78	—	0	4	2	—
	CAIRO: HELWAN	1020.4	-0.8	+3.0	SE	2	0	14.4	+0.2	-4.4	21	-5	11	-4	66	-3	0	6	2	—
	SIWA	1020.6	-2.2	+2.8	—	0	0	12.2	-5.7	-4.5	24	-4	7	-5	79	+15	0	0	0	—
RED SEA	SUEZ	1019.4	+1.8	+3.3	N	1	0	15.5	-0.5	-4.1	25	-3	12	-5	84	+7	0	0	5	2
	TOR	1018.0	+1.3	+2.5	N	0	0	20.8	+1.3	-0.4	23	-4	16	+1	49	-16	0	0	1	2
	HURGHADA	1018.7	+1.1	—	W	1	1	19.5	-0.5		25		14		70		0	0		4
	QOSSEIR	1017.1	-0.4	—	NW	6	0	21.0	-1.1		25		18		38		0	0		5
UPPER EGYPT	GEBALI	1020.8	-1.1	+3.7	WSW	1	0	14.0	-0.8	-4.8	24	-3	9	-4	67	-3	0	0		
	MINYA	1021.4	—		SE	1	0	14.0	0.0	-4.4	22	-5	9	-5	78	+1				
	ASYUT	1021.8	-0.1	+5.2	WNW	2	0	15.5	+0.9	-2.9	22	-5	11	-3	61	-9	0	0		
	QENA	1019.8	+0.7		WNW	2	0	15.9	-0.3	-5.0	28	-4	12	-2	67	+9				
	KHARGA	1020.8	+1.6		E	1	0	16.2	-1.1		24		9		59		0	0		
	ASWAN	1019.8	+1.0	+4.7	NNE	1	1	16.7	-0.9	-5.3	26	-7	14	-3	47	+1				
UPPER SUDAN	WAD HALFA	1019.0	-0.6	+3.9	N	2	0	15.4	-0.4	-5.4	25	-8	12	-4	45	+5				
	MEROWE	1017.1	-0.4	+4.3	NE	2	0	19.0	-2.0	-7.0	31	-6	13	-7	23	-9	0	0	1	
	ATBARA	—	—	—	N	3	0	24.0	-4.0	-3.1	34	-2	17	-4	53	+25	0	0	1	
	KHARTOUM	1015.6	-0.6	+5.2	N	3	0	20.5	-4.5	-5.2	32	-4	18	-3	26	-7	0	16	5	
EAST SUDAN	PORT SUDAN	1014.0	+0.9	+0.9	N	6	2	28.0	-0.4	-0.4	32	0	25	+1	64	-3	0	29	20	6
	KASSALA																			
	WAD MEDANI	1012.7	+0.8	+2.5	W	3	0	24.0	-4.0	-3.0	37	-1	17	-4	50	+16	0	11	12	
	ROSEIRES																			
BLUE NILE	EL FASHER	1014.4	-0.3	—	WNW	1	0	19.0	-3.0	-3.2	36	+1	13	-1	30	-2	0	0	8	
	EL OBEID	1015.4	+1.6	+3.4	N	3	1	21.7	-2.5	-3.9	33	-2	15	-3	31	-6	0	6	19	
	MALAKAL	1012.7	+0.3	+1.9	NNE	3	0	24.2	-2.0	-1.9	35	0	17	-3	28	-35	0	92	83	
	WAU	1011.4	-0.1	+1.6	NW	5	0	24.0	-2.4	-1.8	36	+1	19	-1	60	-15	0	177	131	
	JUBA	1012.3	+1.7	—	NW	2	2	26.4	-1.6	—	36	—	21	—	62	—	0	121	102	

Upper Wind Observations at Helwan at 8 h 30 m

Height in metres	Kms an hour	Direction
500	10	SW
1000	20	WNW
1500	25	NW
2000	20	NW
3000	25	NW

General Situation

A system of relatively high pressure has been established over Egypt; but the weather is still influenced by a shallow depression situated over the Syrian desert. A fairly deep depression has made its appearance near Malta.

الحالة الجوية

تكونت منطقة ضغط مرتفع ارتفاعاً نسبياً على مصر الا انه الطقس لا يزال متأثراً بانخفاض ضحل على صحراء الشام وقد ظهر انخفاض عميق نوعاً بالقرب من مالطا.

Forecast for 24 hours from noon to-day.

Light to moderate winds; westerly on the coast, southwesterly inland. Occasional medium cloud. Very light showers on the coast possible. Cool. Further outlook: Improving and becoming warmer.

توقعات الطقس خصوصاً في الطقس من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة غربية على الساحل وجنوبية غربية في الداخل. تظهر بعض السحب المتوسطة أحياناً ويحتمل أن تمطر خفيفاً جداً على الساحل. والطقس بارد ولكن اذا نظرنا لبعيد فانه آخذ في التحسن والدفء

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	66	0	15.4	-1.7
Ezbekiya	65	-2	13.4	-3.9
Giza	76	+5	12.6	—
Helwan	57	+2	12.2	-2.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
6.11	4207	1721
5.11	4317	1841

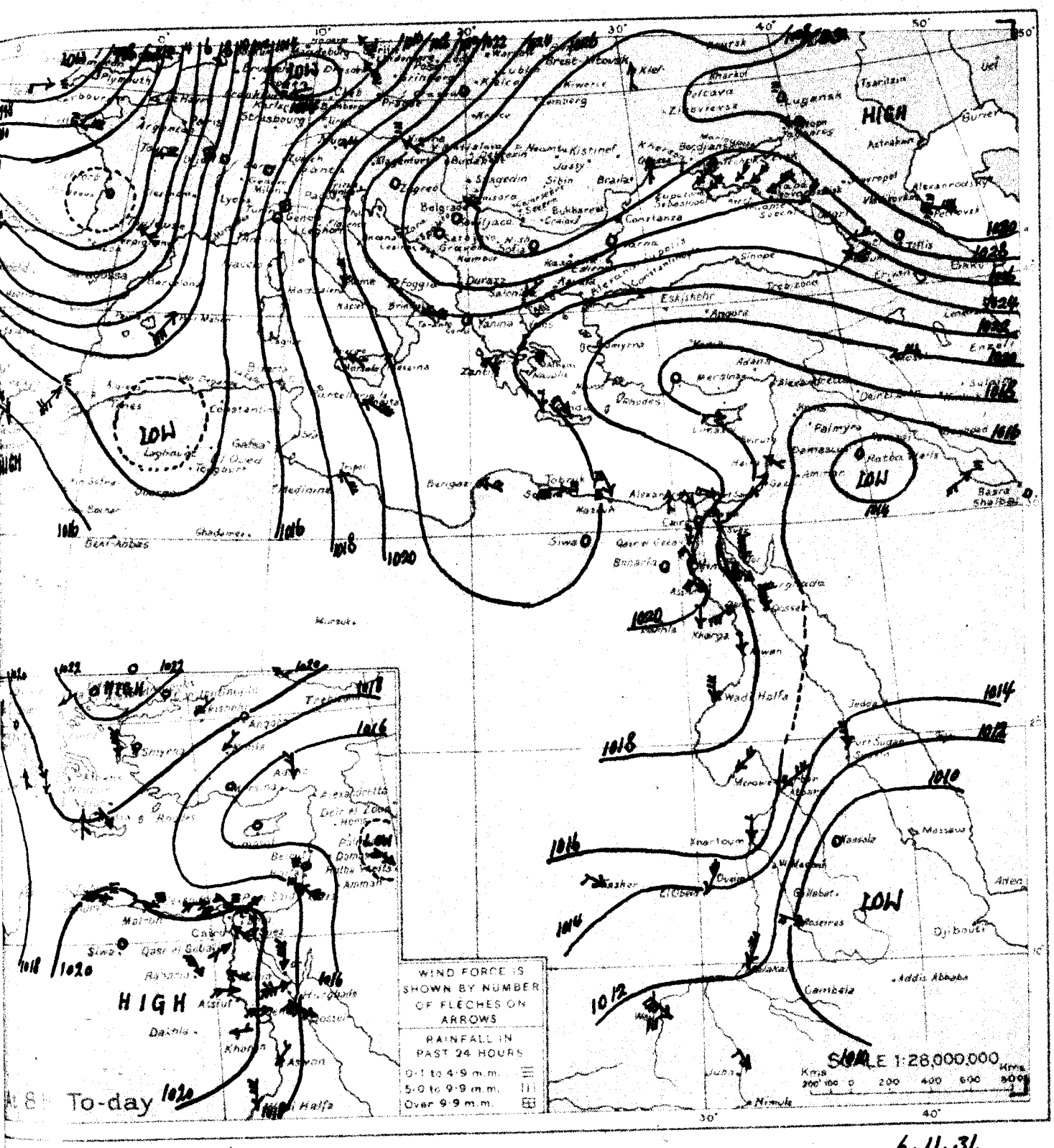
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m	m.	m.	m.
Juba	6.11	13.53	-0.18	13.60	-0.11
Nasser	5.11	10.57	+0.08	10.57	+0.08
Malakal	6.11	12.28	+0.01	12.28	+0.01
Roseires	7.11	14.58	+0.09	14.65	+0.10
Sennar Res.	6.11	18.39	—	18.28	—
Makwar	6.11	6.75	-1.06	6.87	-0.96
Khartoum	6.11	12.60	-0.20	12.72	-0.18
Kh. el Girba	4.11	10.96	-0.09	11.02	-0.05
Atbara	6.11	11.98	-0.02	12.08	+0.04
Wadi Halfa	7.11	4.98	+0.46	5.12	+0.54
Aswan Res.	6.11	97.39	—	97.41	—
" D.S.	6.11	89.57	+0.88	89.70	+0.73
El Leithi	7.11	21.90	+0.51	21.96	+0.60
Roda (Cairo)	5.11	17.95	+0.11	17.99	+0.07

PRINTED AT THE SURVEY OF EGYPT 1930/31 (1931) 1850 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٦-١١-٣١ Barometer and Wind at 8 h. Yesterday 6.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٦-١١-٣١ From Observations taken at 8 h. yesterday. 6.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.2	-6.4	+7.3	N	2	4	9	0	—	18	—	5	—	80	—	—	—	137	—
	MALTA	1021.0	-4.5	+2.8	ESE	4	1	18	0	—	20	-2	17	+1	70	—	0	49	81	2
	ATHENS	1021.0	-6.6	+3.6	—	0	4	12	0	—	—	—	—	—	70	—	—	—	54	—
	CANDIA	1022.0	-3.2	+4.9	NW	2	3	17	0	—	19	-2	14	-1	—	—	0	88	61	4
	LIMASSOL	1017.2	-1.9	+0.9	WNW	1	0	16	-2		22	-2	9	-4	—	—	0	7	34	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h. 15 m.

" " sunset 17 h. 03 m.

From Observations taken at 8h. to-day.

Sunday 8th November, 1931 ١٩٣١ الأحد ٨ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1019.0	−2.1	+0.8	SSW	5	2	17.0	+4.8	—	23	—	14	—	38	—	0	1	—	2
	MATRUH	1020.6	+1.2	+3.0	NNW	2	0	15.2	0.0	−4.3	21	−3	12	−3	69	−7	0	12	24	2
	ALEXANDRIA	1021.5	+2.4	+3.8	S	1	1	18.0	−2.2	−3.0	24	−2	15	−2	73	+3	0	5	13	1
	PORT SAID	1021.5	+1.3	+5.6	WSW	2	2	17.9	+0.7	−3.9	24	−2	15	−3	80	+9	1	8	6	3
	GAZA																			—
	HAIFA	1018.6	+2.0	+3.1	—	0	0	19.0	+1.2	−2.9	20	−7	14	−1	59	−2	27	34	38	2
LOWER EGYPT	TANTA	1020.6	+1.4	—	SSW	1	0	15.2	+0.4	—	25	—	11	—	80	—	0	drops	—	—
	CAIRO / EZBEKIYA	1021.9	+1.6	+4.6	SSE	2	0	14.8	+0.8	−2.6	25	−1	12	−3	71	−9	0	6	2	—
	CAIRO / GIZA	1022.2	+1.8	+4.8	—	0	0	15.2	+0.4	—	25	−2	10	−3	69	—	0	4	2	—
	CAIRO / HELWAN	1022.0	+1.6	+4.5	—	0	0	17.3	+2.9	−1.3	24	−2	13	−2	52	−17	0	6	2	—
	SIWA	1019.1	−1.5	+1.2	—	0	0	12.9	+0.7	−3.6	24	−4	7	−5	44	−20	0	0	0	—
RED SEA	SUEZ	1020.4	+1.0	+4.2	N	1	0	15.5	0.0	−4.0	24	−3	12	−5	78	+1	0	0	5	0
	TOR	1019.5	+1.5	+3.9	NE	4	0	20.0	−0.8	−1.1	23	−4	13	−2	55	−10	0	0	1	2
	HURGHADA	1019.5	+0.8	—	W	5	0	20.7	+1.2	—	25	—	15	—	51	—	0	0	—	3
	QOSSEIR	1019.4	+2.3	—	NW	6	2	22.5	+1.5	—	25	—	19	—	40	—	0	0	—	6
UPPER EGYPT	GEBALI	1022.6	+1.8	+5.5	W	1	0	15.0	+1.0	−3.7	25	−2	10	−3	65	−5	0	0	—	—
	MINYA	1023.2	+1.8	—	SE	1	0	15.5	+1.5	−2.8	24	−2	9	−5	68	−9	—	—	—	—
	ASYUT	1022.7	+0.9	+6.0	WNW	2	2	13.8	−1.7	−4.4	24	−3	11	−3	66	−4	0	0	—	—
	QENA	1021.1	+1.3	—	WNW	1	2	16.1	+0.2	−4.5	28	−4	13	−1	61	+3	—	—	—	—
	KHARGA	1020.7	−0.1	—	—	0	1	14.9	−1.3	—	25	—	10	—	61	—	0	0	—	—
	ASWAN	1020.6	+0.8	+5.5	NNE	1	0	16.8	+0.1	−5.1	25	−7	13	−4	49	+3	—	—	—	—
NORTH SUDAN	WADI HALFA	1019.1	+0.1	+3.9	NNE	3	0	15.6	+0.2	−5.0	25	−7	12	−4	46	+6	—	—	—	—
	MEROWE	1017.0	−0.1	+4.1	NE	1	0	20.5	+1.5	−5.3	31	−6	15	−4	16	−16	0	0	1	—
	ATBARA	—	—	—	NE	2	0	24.0	0.0	−3.0	34	−2	20	0	67	+39	0	0	1	—
	KHARTOUM	1014.2	−1.4	+3.7	NNE	2	0	22.5	+2.0	−3.0	30	−6	18	−3	15	−18	0	16	5	—
EAST SUDAN	PORT SUDAN	1015.4	+1.4	+2.2	N	5	1	26.8	−1.2	−1.5	30	−2	24	0	60	−7	0	29	22	5
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1010.6	+0.2	+0.7	NW	1	0	24.5	0.0	−0.9	36	−1	16	−3	24	−32	0	67	32	—
SOUTH SUDAN	EL FASHER																			—
	EL OBEID	1015.0	−0.4	+2.9	NE	2	0	20.6	−1.1	−4.9	30	−5	13	−4	32	−4	0	6	19	—
	MALAKAL	1012.7	0.0	+1.9	NNE	3	0	24.2	0.0	−1.9	33	−2	17	−3	28	−34	0	92	83	—
	WAU	1011.8	+0.4	+2.0	N	6	0	23.0	−1.0	−2.8	33	−2	18	−2	63	−12	0	177	131	—
	JUBA	1012.4	+0.1	—	NW	1	2	24.6	−1.8	—	34	—	18	—	60	—	80?	201	103	—

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Kms. an hour	Direction
500	0	—
1000	20	N
1500	15	WNW
2000	20	NW
3000		

General Situation

The high pressure over Egypt is maintained and the depression over Syria is filling up. In the west the pressure is weakening owing to a deep depression extending from western Europe to the central Mediterranean.

الحالة العمومية

لويزال الارتفاع الذى فوق مصر مرابطا وأخذ الانخفاض الذى فوق سوريا فى الامتلاء وقد بدأ الضغط يضعف فوق الجهة الغربية وذلك لوجود انخفاض عميق آخذ فى التقدم من مغرب أوروبا حتى أواسط البحر الابيض.

Forecast for 24 hours from noon to-day.

Light winds, chiefly southerly on the coast and variable inland.
Mainly clear.
Slightly warmer.

توقعات الطقس من ظهر اليوم الى ظهر الغد

رياح خفيفة أكثرها جنوبية على الساحل ومختلفة الاتجاه فى الداخل - السماء صحو على العموم الطقس أميل للدفء قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	64	−2	16.7	−0.3
Ezbekiya	67	0	14.0	−3.2
Giza	73	+2	13.7	—
Helwan	51	−4	13.0	−1.9

NOTE A dash means that figures are not available

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
7.11	4073	1592
6.11	4207	1721

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	7.11	13.50	−0.21	13.53	−0.18
Nasser	5.11	10.57	+0.08	10.57	+0.08
Malakal	7.11	12.28	+0.02	12.28	+0.01
Roseires	8.11	14.52	+0.11	14.58	+0.09
Sennar Res.	7.11	18.51	—	18.39	—
Makwar	7.11	6.71	−1.06	6.75	−1.06
Khartoum	8.11	12.46	−0.30	12.50	−0.30
Kh. el Girba	6.11	10.90	−0.11	10.92	−0.11
Atbara	8.11	11.78	−0.12	11.60	−0.04
Wadi Halfa	8.11	4.87	+0.42	4.98	+0.46
Aswan Res.	7.11	97.33	—	97.39	—
" D.S.	7.11	89.47	+0.67	89.37	+0.68
El Leithi	7.11	21.90	+0.51	21.96	+0.50
Roda (Cairo)	7.11	17.39	+0.33	17.43	+0.15

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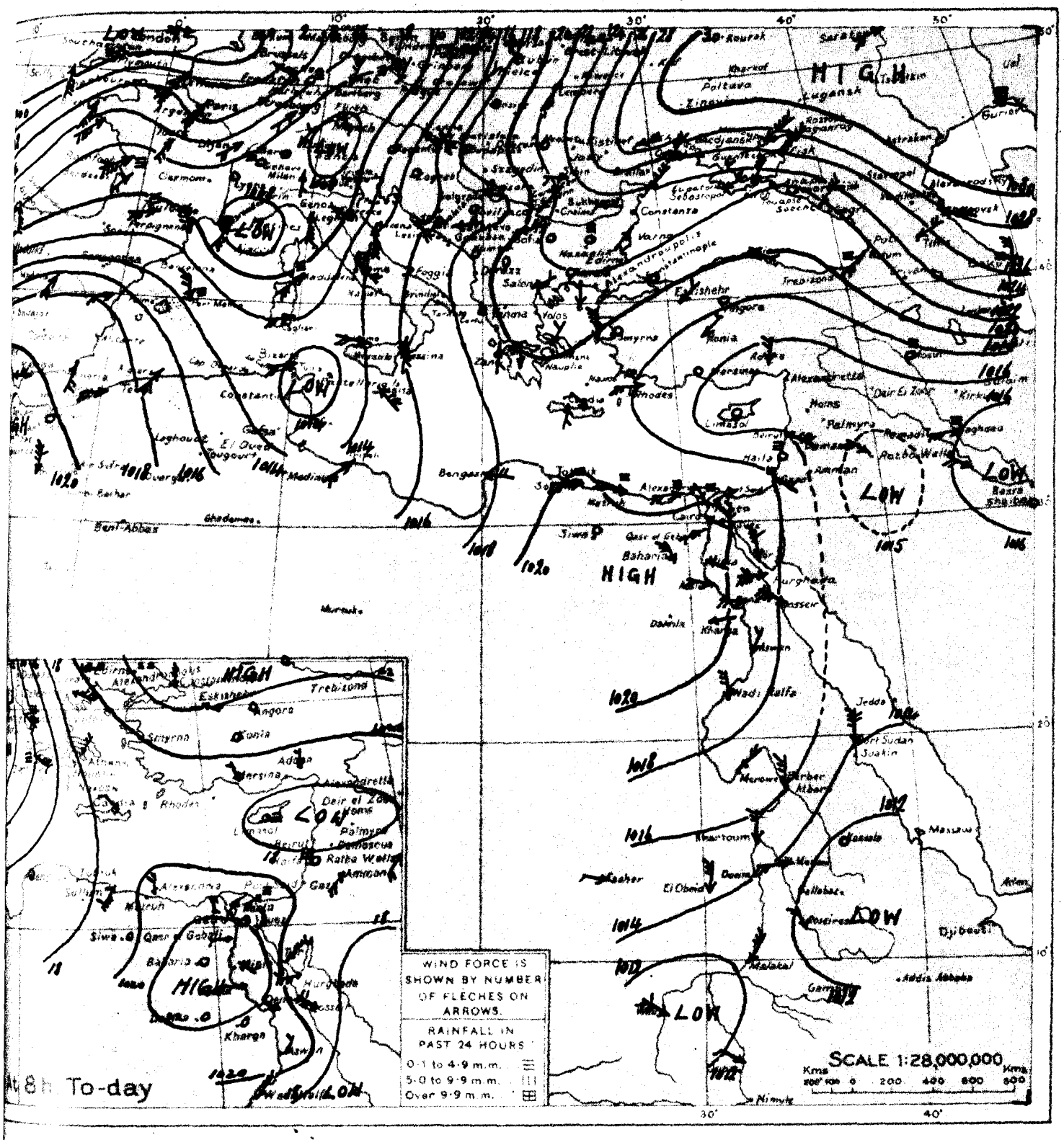
PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-٧ Barometer and Wind at 8 h. Yesterday 7.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-٧ From Observations taken at 8 h. yesterday. 7.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.8	-8.4	-1.1	SE	2	5	14	+5	—	16	—	9	—	70	—	10	—	141	—
	MALTA	1015.8	-5.2	-2.4	SE	3	4	19	+1	—	21	-1	18	+2	80	—	0	49	84	2
	ATHENS	1020.8	-0.2	+3.4	NNE	1	0	8	-4	—	—	—	6	-6	60	—	—	—	54	—
	CANDIA	1019.8	-2.2	+2.7	NW	1	1	18	+1	—	20	-1	13	-2	—	—	0	38	54	3
	LIMASSOL	1015.6	-1.6	-0.8	—	0	2	16	0		23	-1	9	-4	—	—	0	7	36	2
EGYPT and SUDAN	Kassala	1010.3	+1.7	+0.4	—	0	0	27.0	-1.0	-2.2	37	-1	19	-3	37	-10	0	8	11	—
	Rosaires	1010.4	+1.6	+0.5	NNW	2	0	24.5	-3.5	-1.0	34	0	19	0	24	-32	0	67	32	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 16m

" " sunset 17h 02m

From Observations taken at 8h. to-day.

Monday 9th November, 1931

الاثنين ٩ نوفمبر ١٩٣١

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1019.2	+0.2	+0.9	WNW	2	0	15.2	−1.8	—	26	—	11	—	87	—	0	1	—	0
	MATRUH	1018.3	−2.3	+0.6	NNW	2	0	15.2	0.0	−4.2	24	0	12	−3	47	−29	0	12	25	1
	ALEXANDRIA	1020.6	−0.9	+2.8	S	4	0	16.8	−1.2	−4.1	28	+2	—	—	67	−3	0	5	15	2
	PORT SAID	1021.2	−0.3	+5.2	S	3	0	18.3	+0.4	−3.4	24	−2	15	−3	76	+5	0	8	6	1
	GAZA	—	—	—	—	0	0	14.9	−1.3	−5.2	22	−4	11	−3	64	−7	trace	26	17	—
	HAIFA	1020.6	+2.0	+5.1	SSE	1	1	18.5	−0.5	−3.2	21	−5	12	−3	61	0	3	37	41	2
LOWER EGYPT	TANTA	1020.4	−0.2	—	E	1	0	16.3	+1.1	—	26	—	13	—	68	—	0	drops	—	—
	CAIRO / EZBEKIYA	1020.6	−1.3	+3.2	S	2	0	14.7	−0.1	−2.5	25	−1	11	−3	70	−10	0	6	3	—
	GIZA	1020.6	−1.6	+3.1	—	0	0	14.8	−0.4	—	26	−1	8	−5	80	—	0	4	3	—
	HELWAN	1020.4	−1.6	+2.9	—	0	0	18.0	+0.7	−0.5	24	−2	13	−2	51	−19	0	6	2	—
	SIWA	1019.0	−0.1	+1.0	—	0	0	12.6	−0.3	−3.7	29	+2	8	−4	50	−15	0	0	1	—
RED SEA	SUEZ	1019.8	−0.6	+3.6	—	0	0	16.4	+0.9	−3.0	24	−3	14	−3	75	−2	0	0	5	0
	TOR	1018.8	−0.7	+3.2	NE	3	0	18.3	−1.7	−2.6	25	−2	12	−3	49	−16	0	0	1	0
	HURGHADA	1019.2	−0.3	—	W	5	1	20.4	−0.3	—	26	—	13	—	33	—	0	0	—	3
	QOSSEIR	1018.4	−1.0	—	WNW	5	0	22.6	+0.1	—	26	—	18	—	28	—	0	0	—	4
UPPER EGYPT	GEBALI	1020.8	−1.8	+3.6	NW	1	0	14.8	−0.2	−3.8	26	−1	10	−3	68	−3	0	0		
	MINYA	1021.6	−1.6	—	NNW	1	0	16.2	+0.7	−2.0	25	−1	10	−4	72	−5				
	ASYUT	1021.4	−1.3	+4.6	SW	2	0	17.0	+3.2	−1.1	26	−1	12	−2	50	−20	0	0		
	QENA	1020.0	−1.1	—	NW	2	0	16.0	−0.1	−4.4	26	−5	12	−2	65	+7				
	KHARGA	1019.8	−0.9	—	—	0	0	17.6	+2.7	—	27	—	10	—	52		0	0		
	ASWAN	1019.4	−1.2	+4.2	—	0	0	18.3	+1.5	−3.4	27	−5	13	−4	51	+4	—	—	—	
NORTH SUDAN	WADI HALFA	1018.4	−0.7	+3.1	NNE	2	0	16.2	+0.6	−4.3	27	−5	10	−6	40	−1	—	—	—	
	MEROWE																			
	ATBARA	—	—	—	N	3	0	24.0	0.0	−2.8	34	−2	20	0	46	+17	0	0	1	
	KHARTOUM	1012.3	−1.9	+1.7	NNE	3	0	24.7	+2.2	−0.7	34	−2	21	0	19	−14	0	16	5	
EAST SUDAN	PORT SUDAN	—	—	—	N	2	1	26.7	−0.1	−1.5	30	−1	22	−2	66	−1	0	29	24	2
	KASSALA																			
	WAD MEDANI	1013.1	+0.4	+2.7	N	4	0	28.0	+5.0	+1.2	38	0	22	+1	77?	+44	0	11	12	
	ROSEIRES	1010.7	+0.1	+0.8	WNW	1	0	26.5	+2.0	+1.1	36	−1	20	+1	40	−15	0	67	33	
SOUTH SUDAN	EL FASHER	1014.0	−0.2	—	WNW	1	0	18.0	0.0	−3.8	34	−1	12	−2	28	−4	0	0	8	
	EL OBEID	1013.3	−1.7	+1.1	NE	2	0	24.8	+4.2	−0.6	32	−3	16	−1	32	−4	0	6	19	
	MALAKAL	1012.8	+0.1	+2.0	NE	1	0	26.4	+2.2	+0.3	34	−1	18	−2	36	−25	0	92	83	
	NAU	1011.4	−0.4	+1.6	N	3	0	23.3	+0.3	−2.5	34	−1	18	−2	61	−13	0	177	132	
	JUBA	1013.3	+0.9	—	NW	2	1	26.3	+1.7	—	33	—	17	—	47		0	201	104	

Upper Wind Observations at Helwan at 8.30 h. m.

Height (metres)	Kms. per hour	Direction
500	10	E
1000	5	NNE
1500	5	WNW
2000	20	NW
3000	30	WNW

General Situation

The pressure over Egypt is relatively high, but there are indications of a shallow depression off Alexandria. Over the central Mediterranean, the pressure continues to fall owing to the approach of a deep depression now centred over Italy.

الحالة العمومية

الضغط على مصر مرتفع ارتفاعا نسبيا ولكن هناك علامات عن وجود انخفاض ضحل بالقرب من الاسكندرية والضغط على اواسط البحر الابيض مستمر فى الهبوط بالنسبة لاقتراب انخفاض عميق يقع الآن على ايطاليا.

Forecast for 24 hours from noon to-day.

Light to moderate winds, chiefly westerly on the coast and variable inland. Clear or occasional medium cloud. Becoming slightly warmer.

تنبؤات الطقس من ظهر اليوم الى ظهر الغد

رياح ما بين الخفيفة والمعتدلة غربية فى الغالب على الساحل ومختلفة الاتجاه فى الداخل - السماء صحو او قليلة السحاب المتوسط احيانا - درجة الحرارة تزداد قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	66	0	16.3	−0.6
Ezbekiya	64	−3	13.7	−3.3
Giza	63	−8	14.1	—
Helwan	41	−14	13.0	−1.8

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
8-11	3919	1396
7-11	4073	1592

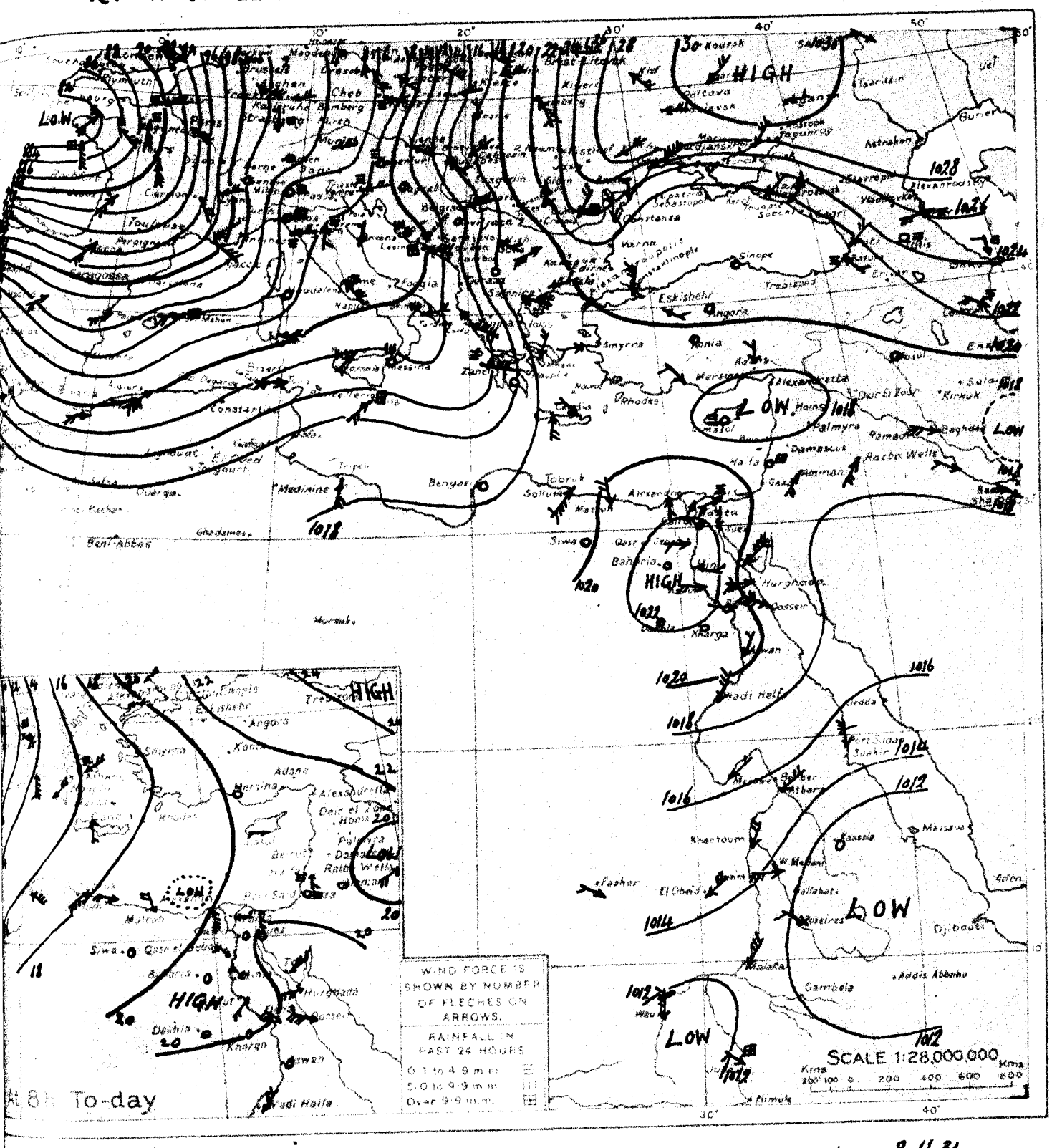
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	8.11	13.52	−0.19	13.50	−0.21
Nasser	7.11	10.56	+0.08	10.57	+0.08
Malakal	8.11	12.28	+0.02	12.29	+0.02
Roseires	9.11	14.45	+0.09	14.52	+0.11
Sennar Res.	8.11	18.61	—	18.57	—
Makwar	8.11	6.68	−1.05	6.71	−1.06
Khartoum	9.11	12.40	−0.33	12.46	−0.30
Kh. el Girba	7.11	10.88	−0.11	10.90	−0.11
Atbara	9.11	11.70	−0.16	11.78	−0.12
Wadi Halfa	9.11	4.75	+0.35	4.87	+0.47
Aswan Res.	8.11	97.40	—	97.33	—
" D.S.	8.11	89.33	+0.61	89.27	+0.67
El Leithi	8.11	21.80	+0.56	21.84	+0.54
Roda (Cairo)	9.11	17.70	+0.23	17.84	+0.26

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٨-١١-٣١ Barometer and Wind at 8 h. Yesterday 8.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨-١١-٣١ From Observations taken at 8 h. yesterday. 8.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C.	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.5	-3.3	-4.3	SE	3	4	12	-2	—	16	—	10	—	80	—	2	—	14.5	—
	MALTA	1014.3	-1.5	-3.9	SW	2	3	16	-3	—	22	+1	12	-3	70	—	15	64	87	1
	ATHENS	1018.4	-2.4	+1.0	NNE	2	4	12	+4	—	—	—	8	-4	70	—	—	—	59	—
	CANDIA	1019.4	-0.4	+2.4	NW	1	1	17	-1	—	21	0	10	-5	—	—	0	38	57	1
	LIMASSOL	1017.8	+2.2	+1.4	—	0	0	16	0		22	-2	9	-3	—	—	1	8	38	3
ECYPT and SUDAN	Kassala كسلا	1010.3	0.0	+0.4	—	0	0	27.0	0.0	-2.0	38	0	23	+1	69	+22	0	8	11	—
	Wad Madani ود مدني	1012.7	0.0	+2.4	W	3	0	23.0	-1.0	-3.9	35	-3	17	-4	38	+4	0	11	12	—
	El Fasher الفاشر	1014.2	-0.2	—	WNW	1	0	18.0	-1.0	-4.0	35	0	11	-3	28	-4	0	0	8	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 16m

" " sunset 16h 01m

From Observations taken at 8h. to-day.

Tuesday 10th November. 1931 — ١٩٣١ — الثلاثاء ١٠ نوفمبر

	STATION	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1 to yesterday (m.m.)	Rainfall: Normal from Oct. 1 to yesterday (m.m.)	Sea
MEDITERRANEAN	SOLLUM	1015.6	−3.6	−2.7	S	3	4	18.3	+3.1	—	27	—	11	—	51	—	0	1	—	1
	MATRUH	1016.8	−1.5	−0.9	ESE	2	4	16.2	+1.0	−3.1	23	−1	12	−3	53	−23	0	12	26	2
	ALEXANDRIA	1018.4	−2.2	+0.6	SE	3	2	17.3	+0.5	−3.5	28	+3	16	−1	83	+13	0	5	16	2
	PORT SAID	1018.6	−2.6	+2.6	SSE	2	0	19.7	+1.4	−1.8	23	−2	17	−1	80	+9	0	8	6	1
	GAZA	—	—	—	—	0	0	15.2	+0.3	−4.8	22	−4	10	−4	64	−7	0	26	18	—
	HAIFA	1017.9	−2.7	+2.3	—	0	0	19.3	+0.8	−2.2	24	−2	13	−2	54	−7	0	37	44	1
LOWER EGYPT	TANTA	1017.9	−2.5	—	NE	1	0	16.4	+0.1	—	27	—	13	—	79	—	0	drops	—	—
	CAIRO / EZBEKIYA	1017.5	−3.1	0.0	NE	2	0	16.9	+2.2	−0.2	28	+1	12	−2	66	−14	0	6	3	—
	CAIRO / GIZA	1017.8	−2.8	+0.2	—	0	0	13.7	−1.1	—	28	+2	7	−6	88	—	0	4	3	—
	CAIRO / HELWAN	1017.8	−2.6	+0.2	—	0	0	17.1	−0.9	−1.2	26	0	14	−1	55	−15	0	6	2	—
	SIWA	1015.2	−3.8	−2.8	E	1	4	13.9	+1.3	−2.3	29	+2	9	−3	56	−9	0	0	1	—
RED SEA	SUEZ	1016.8	−3.0	+0.6	N	2	0	17.0	+0.6	−2.2	28	+1	15	−2	73	−4	0	0	5	1
	TOR	1015.8	−3.0	+0.1	NE	2	0	18.3	0.0	−2.4	26	0	12	−3	54	−11	0	0	2	0
	HURGHADA	1016.3	−2.9	—	NW	5	1	22.3	+1.9	—	26	—	13	—	30	—	0	0	—	3
	QOSSEIR	1015.6	−2.8	—	WNW	5	0	24.8	+2.2	—	27	—	20	—	30	—	0	0	—	4
UPPER EGYPT	GEBALI	1018.4	−2.4	+1.1	NW	1	0	14.8	0.0	−3.6	28	+1	10	−3	68	−4	0	0	—	—
	MINYA	1017.6	−4.0	—	NNE	1	0	16.7	+0.5	−1.3	27	+1	10	−4	68	−9	—	—	—	—
	ASYUT	1018.3	−3.1	+1.4	W	2	0	16.2	−0.8	−1.7	28	+1	12	−1	58	−13	0	0	—	—
	QENA	1016.8	−3.2	—	N	1	0	15.2	−0.8	−4.9	—	—	11	−3	69	+11	—	—	—	—
	KHARGA	1016.3	−3.5	—	—	0	1	20.3	+2.7	—	30	—	10	—	45	—	0	0	—	—
	ASWAN	1016.2	−3.2	+0.9	NNE	1	0	18.8	+0.5	−2.7	30	−2	14	−3	39	−8	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.5	−2.9	+0.1	—	0	0	17.4	+1.2	−2.9	29	−3	9	−6	45	+4	—	—	—	—
	MEROWE	1013.3	−3.0	+0.2	NE	1	0	23.5	+2.5	−1.9	35	−1	17	−2	23	−9	0	0	1	—
	ATBARA	—	—	—	NE	2	0	25.0	+1.0	−1.6	35	−1	19	−1	47	+18	0	0	1	—
	KHARTOUM	1011.0	−1.3	+0.3	NNE	2	0	25.0	+0.3	−0.2	35	−1	21	0	22	−11	0	16	5	—
EAST SUDAN	PORT SUDAN	1014.0	—	+0.7	N	3	1	27.5	+0.8	−0.6	30	−1	23	−1	66	−1	0	29	25	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1007.0	−3.7	−3.0	WNW	1	0	28.5	+2.0	+3.2	38	+1	21	+3	43	−12	0	67	33	—
SOUTH SUDAN	EL FASHER			—																—
	EL OBEID	1011.6	−1.7	−0.6	NE	3	2	27.0	+2.2	+1.8	35	0	19	+2	30	−6	0	6	19	—
	MALAKAL	1011.2	−1.6	+0.4	N	1	0	29.0	+2.6	+2.9	36	+1	23	+3	50	−10	0	92	84	—
	WAU																			—
	JUBA	1012.0	−1.3	—	SW	4	0	26.2	−0.1	—	35	—	20	—	67	—	0	121	105	—

TEMP. F C — PRESS Mm. Mb.

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Kms an hour	Direction
500	30	E
1000	15	ENE
1500	10	NNE
2000	0	—
3000	25	SW

General Situation

High pressure extends from southern Russia towards the eastern Mediterranean. There is also a weak high pressure over Upper Egypt. A depression is situated between Malta and Greece and pressure in Egypt is falling generally.

الحالة العمومية

يمتد ارتفاع من جنوب الروسيا نحو شرق البحر الابيض وهناك ارتفاع آخر ضعيف فوق مصر العليا ويوجد انخفاض بين مالطه واليونان والضغط فوق مصر يهبط بوجه عام.

Forecast for 24 hours from noon to-day.

Moderate winds, on the coast easterly, becoming southerly; inland chiefly northeasterly. Some high cloud, increasing. Warmer.

تنبؤات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة شرقية تتحول الى جنوبية على الساحل واكثرها شمالية شرقية في الداخل - نظر بعض السحاب العالي ويتكاثر - الطقس أميل الى الدفء.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff. from normal (°C)
Alexandria	66	0	15.7	−1.0
Ezbekiya	57	−10	14.2	−2.9
Giza	62	−9	14.3	—
Helwan	35	−20	13.4	−1.4

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Juba rainfall published on 8th Nov. should be zero.

ملاحظة - المطر المطبوع يوم ٨ نوفمبر في محطة جوبا يجب ان يكون صفرا.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
10.11	3668	1154
9.11	3784	1255

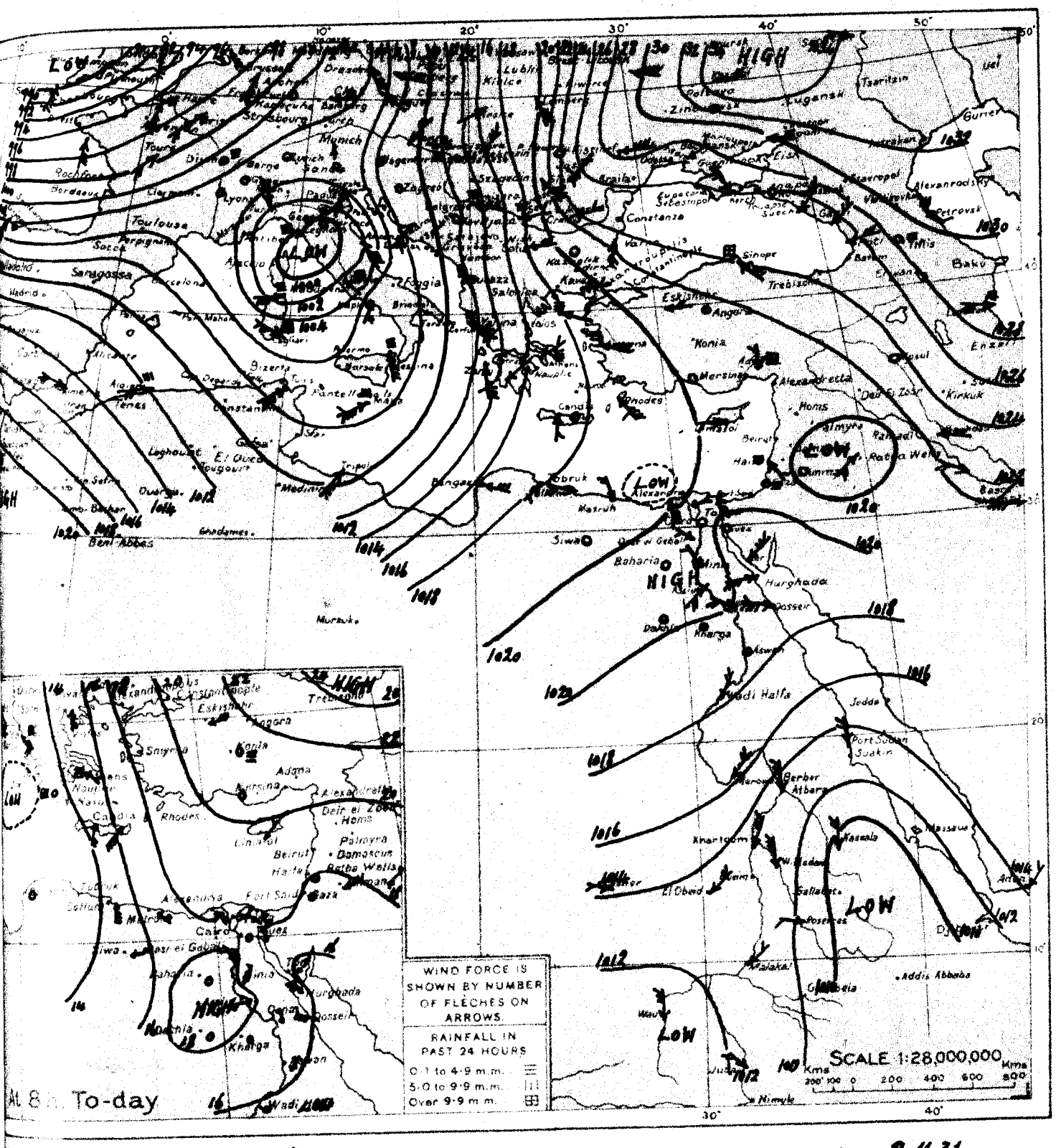
GAUGE	Date 1931	Reading (m.)	Diff. from normal (m.)	Previous day Reading (m.)	Previous day Diff. from normal (m.)
Juba	9.11	13.45	−0.25	13.52	−0.19
Nasser	9.11	10.56	+0.09	10.56	+0.08
Malakal	10.11	12.28	+0.02	12.28	+0.02
Roseires	10.11	14.42	+0.12	14.45	+0.09
Sennar Res.	9.11	18.71	—	18.71	—
Makwar	9.11	6.56	−1.12	6.68	−1.05
Khartoum	10.11	12.36	−0.33	12.40	−0.33
Kh. el Girba	7.11	10.88	−0.11	10.90	−0.11
Atbara	10.11	11.86	−0.16	11.90	−0.16
Wadi Halfa	10.11	4.64	+0.30	4.75	+0.35
Aswan Res.	10.11	97.43	—	97.43	—
" D.S.	10.11	87.11	+0.52	87.22	+0.59
El Leithi	10.11	21.70	+0.55	21.85	+0.70
Roda (Cairo)	10.11	17.12	+0.22	17.18	+0.23

PRINTED AT THE SURVEY OF EGYPT 1930 (20/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-٩ Barometer and Wind at 8 h. Yesterday 9.11.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-٩ From Observations taken at 8 h. yesterday. 9.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1002.4	-7.1	-11.4	SE	1	5	14	+2	—	16	—	11	—	90	—	22	—	149	—
	MALTA	1007.0	-7.3	-11.3	WSW	5	4	18	+2	—	21	0	16	+1	70	—	8	72	90	2
	ATHENS	1017.0	-1.4	-0.4	ENE	1	4	14	+2	—	—	—	12	0	80	—	trace	—	61	—
	CANDIA	1017.8	-1.6	+0.8	—	0	1	19	+2	—	24	+3	10	-4	—	—	0	38	59	1
	LIMASSOL	1020.2	+2.4	+3.8	W	1	1	18	+2		23	-1	11	-1	—	—	0	8	41	2
EGYPT and SUDAN	Meroe Sta	1016.3	-0.7	+3.3	NE	2	0	21.0	+0.5	-4.6	33	-3	15	-4	17	-15	0	0	1	—
	Kassala	1009.4	-0.9	-0.6	N	2	0	28.0	+1.0	-0.9	36	-2	23	+1	60	+13	0	8	11	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 17 m

" " sunset 17 h 01 m

From Observations taken at 8h. to-day.

Wednesday 11th November, 1931 — ١٩٣١ — الاربعاء ١١ نوفمبر

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN																			
SOLLUM	1017.4	+1.8	-0.9	SE	1	2	18.4	+0.1	—	24	—	17	—	96	—	drops	1	—	1
MATRUH	1016.3	-0.5	-1.4	NNW	1	2	16.8	+0.6	-2.3	23	-1	14	-4	90	+14	0	12	26	2
ALEXANDRIA	1015.4	-3.3	-2.7	NE	4	2	22.0	+5.7	+2.3	26	+1	17	0	79	-11	0	5	17	2
PORT SAID	1013.0	-5.6	-3.0	NNE	2	1	22.0	+2.3	+0.6	25	0	19	+1	77	+6	0	8	7	1
GAZA	—	—	—	SE	1	3	14.6	-0.6	-5.2	23	-3	12	-2	80	+9	0	26	19	—
HAIFA	1012.7	-5.2	-2.9	SSE	1	2	21.7	+2.4	+0.4	26	0	15	0	49	-12	0	37	47	1
LOWER EGYPT																			
TANTA	1014.2	-3.7	—	NNW	1	0	16.1	-0.3	—	27	—	13	—	87	—	0	drops	—	—
CAIRO: EZBEKIYA	1013.5	-4.0	-4.0	NW	2	2	16.4	-0.5	-0.6	28	+2	12	-2	84	+4	0	6	3	—
CAIRO: GIZA	1013.5	-4.3	-4.2	NNW	1	3	15.2	+1.5	—	28	+2	12	-1	98	—	0	4	3	—
CAIRO: HELWAN	1013.0	-4.8	-4.6	NW	1	2	18.8	+1.7	+0.7	28	+2	17	+2	75	+5	0	6	2	—
SIWA	1014.2	-1.0	-3.9	NE	2	0	22.2	+8.3	+6.2	29	+2	12	+1	48	-17	drops	drops	1	—
RED SEA																			
SUEZ	1011.6	-5.2	-4.7	N	2	4	20.0	+3.0	+0.9	27	0	17	0	81	+4	0	0	5	1
TOR	1011.5	-4.3	-4.3	—	0	3	19.8	+1.5	-0.7	26	0	14	-1	57	-8	0	0	2	0
HURGHADA	1011.2	-5.1	—	W	5	1	22.2	-0.1	—	27	—	13	—	31	—	0	0	—	3
QOSSEIR	1011.1	-4.5	—	WNW	3	0	25.6	+0.8	—	28	—	20	—	40	—	0	0	—	2
UPPER EGYPT																			
GEBALI	1014.6	-3.8	-2.7	NW	3	0	18.0	+3.2	-0.2	28	+1	14	+1	80	+8	0	0	—	—
MINYA	1013.4	-4.2	—	WNW	1	3	16.0	-0.7	-1.9	27	+1	12	-2	84	+6	—	—	—	—
ASYUT	1013.1	-5.2	-3.9	W	2	0	17.2	+1.0	-0.5	29	+2	13	0	55	-16	0	0	—	—
QENA	1012.3	-4.5	—	NW	1	0	16.9	+1.7	-3.0	—	—	14	0	59	+1	—	—	—	—
KHARGA			—						—		—		—		—			—	—
ASWAN	1012.0	-4.2	-3.4	—	0	0	20.3	+1.5	-0.9	30	-2	14	-3	43	-4	—	—	—	—
NORTH SUDAN																			
WADI HALFA	1012.6	-2.9	-2.9	—	0	0	18.2	+0.8	-1.9	31	-1	9	-6	32	-10	—	—	—	—
MEROWE	1011.5	-1.8	-1.7	NE	1	0	24.0	+0.5	-1.3	38	+2	17	-2	26	-6	0	0	1	—
ATBARA	—	—	—	N	2	0	26.4	+1.0	-0.5	34	-2	19	-1	55	+26	0	0	1	—
KHARTOUM	1010.0	-1.0	-0.9	NNE	3	0	26.4	+1.4	+1.4	37	+2	21	0	18	-15	0	16	5	—
EAST SUDAN																			
PORT SUDAN	1012.6	-1.4	-0.8	N	1	3	28.5	+1.0	+0.5	31	0	25	+1	73	+6	0	29	27	1
KASSALA																			—
WAD MEDANI																			—
ROSEIRES	1006.0	-1.0	-4.0	S	2	0	28.0	-0.5	+2.7	39	+2	22	+4	51	-3	0	67	33	—
SOUTH SUDAN																			
EL FASHER	1010.3	-3.2	—	WNW	1	0	21.5	+0.5	0.0	35	+1	13	-1	25	-7	0	0	8	—
EL OBEID	1010.8	-0.8	-1.5	N	2	1	25.2	-1.8	+0.1	36	+2	17	0	33	-2	0	6	17	—
MALAKAL																			—
WAU																			—
JUBA																			—

TEMP. F. C. — PRESS. Mm. Mb

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Kms an hour	Direction
500	30	NNE
1000	20	NE
1500	15	N
2000	15	NW
3000	15	NW

General Situation

A shallow depression from the Western Desert has crossed Upper Egypt and is now situated near the Gulf of Akaba. A ridge of high pressure extends across the east-central Mediterranean.

الحالة العمومية

مر انخفاض ضحل من الصحراء الغربية على الصعيد ويقع الآن بالقرب من خليج العقبة . وهناك ارتفاع ضغط على الوسط الشرقي لبحر المتوسط

Forecast for 24 hours from noon to-day.

Light to moderate winds between northwest and northeast.
Occasional medium and high cloud.
Remaining mild.

تنبؤات الطقس حتى الظهر من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة ما بين الشمال الغربي والشمال الشرقي. تظهر بقع السحب الوسط او المرتفع . يستمر الطقس معتدلا

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	75	+9	17.4	+0.8
Ezbekiya	60	-7	15.2	-1.8
Giza	74	+3	15.5	—
Helwan	47	-8	13.9	-0.8

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

.x. Roseires correct reading for 24/8/31 is 11.38 m.

ملحوظة: صحة قراءة خزان سنار لغاية ٢٤/٨/٣١ هي ١١.٣٨ متر

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
10.11	3668	1154
9.11	3784	1265

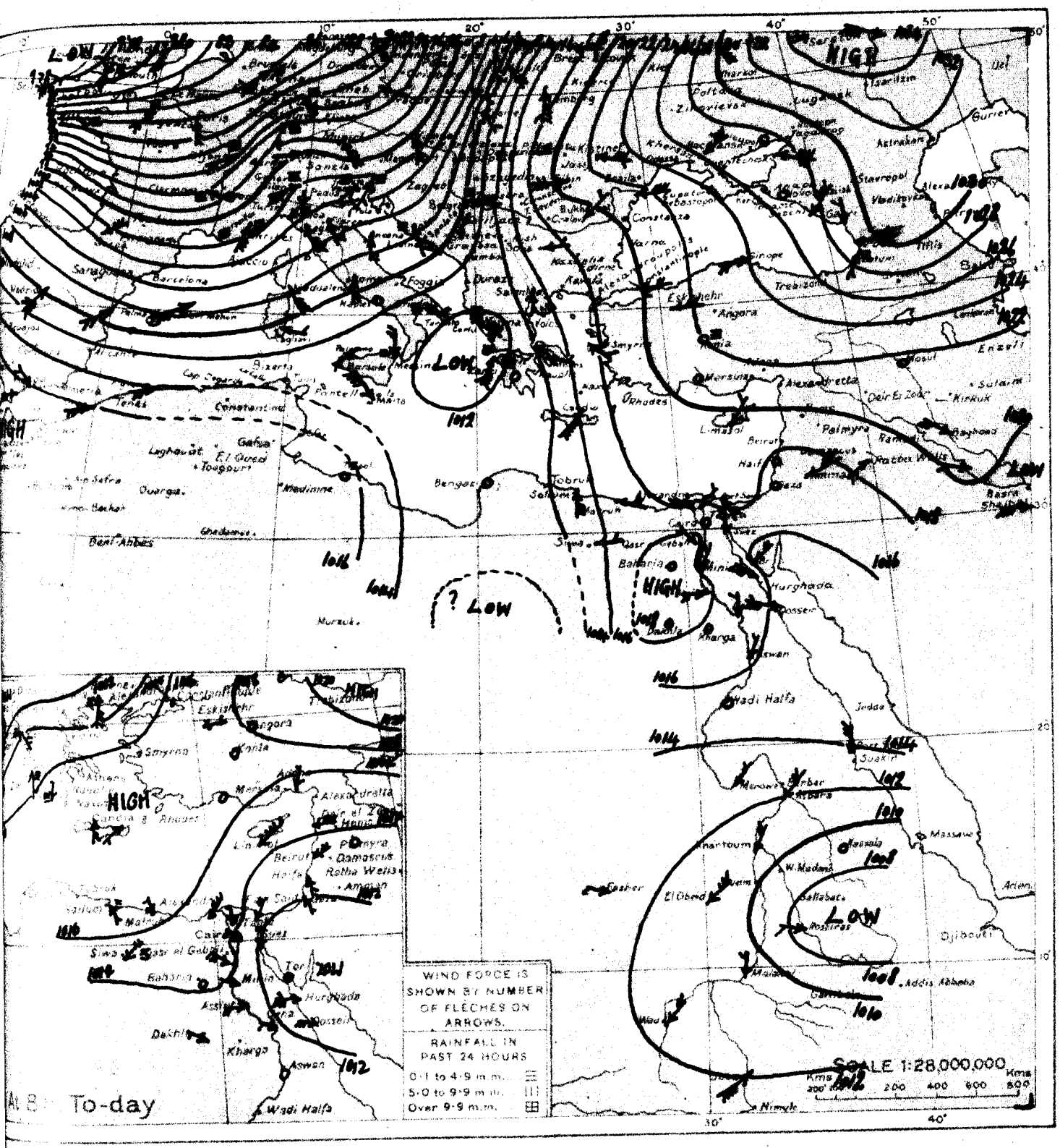
GAUGE	Date	Reading	Diff. from normal	Previous Day: Reading	Previous Day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	10.11	13.45	-0.25	13.45	-0.25
Nasser	10.11	10.55	+0.09	10.56	+0.09
Malakal	10.11	12.28	+0.02	12.28	+0.02
Roseires.x.	11.11	14.30	+0.06	14.42	+0.12
Sennar Res.	10.11	18.83	—	18.71	—
Makwar	10.11	6.51	-1.10	6.56	-1.12
Khartoum	11.11	12.34	-0.32	12.36	-0.33
Kh. el Girba	7.11	10.88	-0.11	10.90	-0.11
Atbara	11.11	11.60	-0.19	11.66	-0.16
Wadi Halfa	11.11	4.52	+0.34	4.64	+0.30
Aswan Res.	10.11	97.48	—	97.82	—
" D.S.	10.11	89.11	+0.58	89.22	+0.59
El Leithi	11.11	21.55	+0.48	21.70	+0.55
Roda (Cairo)	11.11	17.62	+0.19	17.72	+0.22

PRINTED AT THE SURVEY OF EGYPT 1930 (30/596)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-١٠ Barometer and Wind at 8 h. Yesterday 10.11.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-١٠ From Observations taken at 8 h. yesterday. 10.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.5	+7.1	-4.1	S	2	4	13	-1	—	16	—	9	—	80	—	—	—	153	—
	MALTA	1012.5	+5.5	-5.8	NW	4	1	17	-1	—	20	-1	14	-1	70	—	0	72.	92	3
	ATHENS	1014.8	-2.2	-2.6	ESE	1	4	18	+4	—	—	—	14	+2	70	—	Trace	—	23	—
	CANDIA	1016.2	-1.6	-0.8	SW	4	4	21	+2	—	24	+3	18	+4	—	—	0	38	62	2
	LIMASSOL	1019.0	-1.2	+2.4	NNE	1	0	19	+1		24	0	11	-1	—	—	0	8	43	3
EGYPT and SUDAN	Kassala	1009.4	0.0	-0.6	—	0	0	28.5	+0.5	-0.3	36	-2	23	+1	55	+7	0	8	11	—
	El Fasher	1013.5	-0.5	—	WNW	1	0	21.0	+3.0	-0.7	34	-1	12	-2	17	-15	0	0	8	—
	Wau	1010.7	-0.7	+0.8	NE	2	0	26.6	+3.3	+0.8	36	+1	19	-1	62	-12	0	177	133	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 18

" " sunset 17 00

From Observations taken at 8h. to-day.

Thursday 12th November, 1931 ١٩٣١ الخميس ١٢ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1022.6	+5.2	+4.2	NW	2	0	15.7	-2.7	—	24	—	12	—	96		0	1	—	2
	MATRUH	1021.2	+4.9	+3.5	WSW	1	1	17.8	+1.0	-1.2	23	-1	16	+1	82	+6	0	12	27	2
	ALEXANDRIA	1020.3	+5.2	+2.5	NE	5	2	21.6	-1.4	+1.1	28	+3	19	+2	69	-1	0	5	18	2
	PORT SAID	1018.2	+5.2	+2.0	NNE	3	0	23.8	+1.8	+2.5	27	+2	21	+3	60	-12	0	8	7	4
	GAZA	—	—	—	—	0	0	16.9	+2.3	-2.7	24	-2	13	-1	74	+2	0	26	20	—
	HAIFA	1015.5	+2.8	-0.2	SSE	1	0	21.9	+0.2	+0.8	24	-2	15	0	42	-19	0	37	50	2
LOWER EGYPT	TANTA	1019.4	+5.2	—	NNW	1	0	19.7	+3.6	—	27	—	14	—	74	—	0	dr.	—	—
	CAIRO: EZBEKIYA	1019.4	+5.9	+1.8	NNE	1	0	17.1	+0.7	+0.3	27	+1	15	+1	85	+5	0	6	3	—
	CAIRO: GIZA	1019.1	+5.6	+1.4	NNW	2	0	17.1	+1.9	—	26	0	14	+2	89	—	0	4	3	—
	CAIRO: HELWAN	1018.6	+5.6	+0.9	N	5	0	18.5	-0.3	+0.6	26	0	15	0	77	+7	0	6	2	—
	SIWA	1021.0	+6.8	+2.9	—	0	0	19.4	-2.8	+3.6	30	+3	11	0	45	-20	0	dr.	1	—
RED SEA	SUEZ	1016.6	+5.0	+0.3	N	2	1	17.0	-3.0	-2.0	27	0	15	-1	85	+8	0	0	5	1
	TOR	1014.4	+2.9	-1.5	—	0	0	21.3	+1.5	+1.0	26	0	13	-2	63	-2	0	0	2	0
	HURGHADA	1014.8	+3.6	—	NW	5	1	21.8	-0.4	—	27	—	16	—	61	—	0	0	—	3
	QOSSEIR	1013.8	+2.7	—	NW	6	0	24.0	-1.6	—	29	—	20	—	46	—	0	0	—	6
UPPER EGYPT	GEBALI	1019.4	+4.8	+2.0	NW	3	0	20.0	+2.0	+2.0	27	0	16	+3	72	-1	0	0	—	—
	MINYA	1018.8	+5.4	—	NNW	3	0	17.5	+1.5	-0.2	24	-2	14	0	87	+9			—	—
	ASYUT	1018.7	+5.6	+1.6	WNW	2	4	15.8	-1.4	-1.7	26	-1	14	+1	91	+20	0	0	—	—
	QENA	1015.8	+3.5	—	W	2	0	17.8	+0.9	-1.9	—	—	14	0	67	+9			—	—
	KHARGA	1017.6	+5.3	—	NNW	1	0	20.8	+3.0	—	30	—	13		69		0	0	—	—
	ASWAN	1015.6	+3.6	+0.1	—	0	0	19.5	-0.8	-1.6	31	-1	13	-3	41	-6	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.1	+2.5	-0.5	NNE	1	0	17.2	-1.0	-2.7	33	+1	13	-2	41	-1	—	—	—	—
	MEROWE																			—
	ATBARA	1010.3	—	-1.7	N	3	0	20.0	—	—	33	-3	19	-1	64	—	0	0	1	—
	KHARTOUM	1011.6	+1.6	+0.6	NNE	2	0	24.1	-2.3	-0.7	37	+2	20	-1	15	-18	0	16	5	—
EAST SUDAN	PORT SUDAN	1010.6	-2.0	-2.8	NW	1	0	30.7	+2.2	+2.8	33	+2	26	+2	69	+1	0	29	29	1
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1006.6	+0.6	-3.4	NW	2	0	28.0	0.0	+2.8	39	+2	22	+4	22	-32	0	67	33	—
SOUTH SUDAN	EL FASHER	1007.9	-2.4	—	WSW	1	0	27.5	+6.0	+6.1	36	+2	16	+2	19	-13	0	0	8	—
	EL OBEID																			—
	MALAKAL	1010.7	+1.4	-0.1	—	0	0	27.0	-1.0	+0.9	37	+2	22	+3	77	+19	0	92	85	—
	WAU																			—
	JUBA																			—

Upper Wind Observations at Helwan at 8 a. m.

Height (metres)	Kms. an hour	Direction
500	65	N
1000	60	NE
1500	35	NE
2000	50	NNE
3000		

General Situation

Over Egypt and the eastern Mediterranean the pressure has risen and a high pressure is now situated over Western Egypt.

الحالة العمومية

قد ارتفع الضغط فوق مصر وشرقي البحر الأبيض المتوسط ويوجد الآن ارتفاع فوق غرب مصر.

Forecast for 24 hours from noon to-day.

Moderate northerly winds, becoming northeasterly. Occasional medium cloud. Slightly cooler.

التنبؤات للمدة ٢٤ ساعة تبدأ من ظهر اليوم الى ظهر الغد

رياح شمالية معتدلة تتحول الى شمالية شرقية. يظهر بعض السحاب المتوسط الارتفاع أحيانا. تهبط درجة الحرارة قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	66	+1	18.9	+2.4
Ezbekiya	72	+4	16.7	-0.2
Giza	82	+10	16.8	—
Helwan	65	+9	16.6	+2.1

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
12.11	3449	1106
11.11	3563	1108

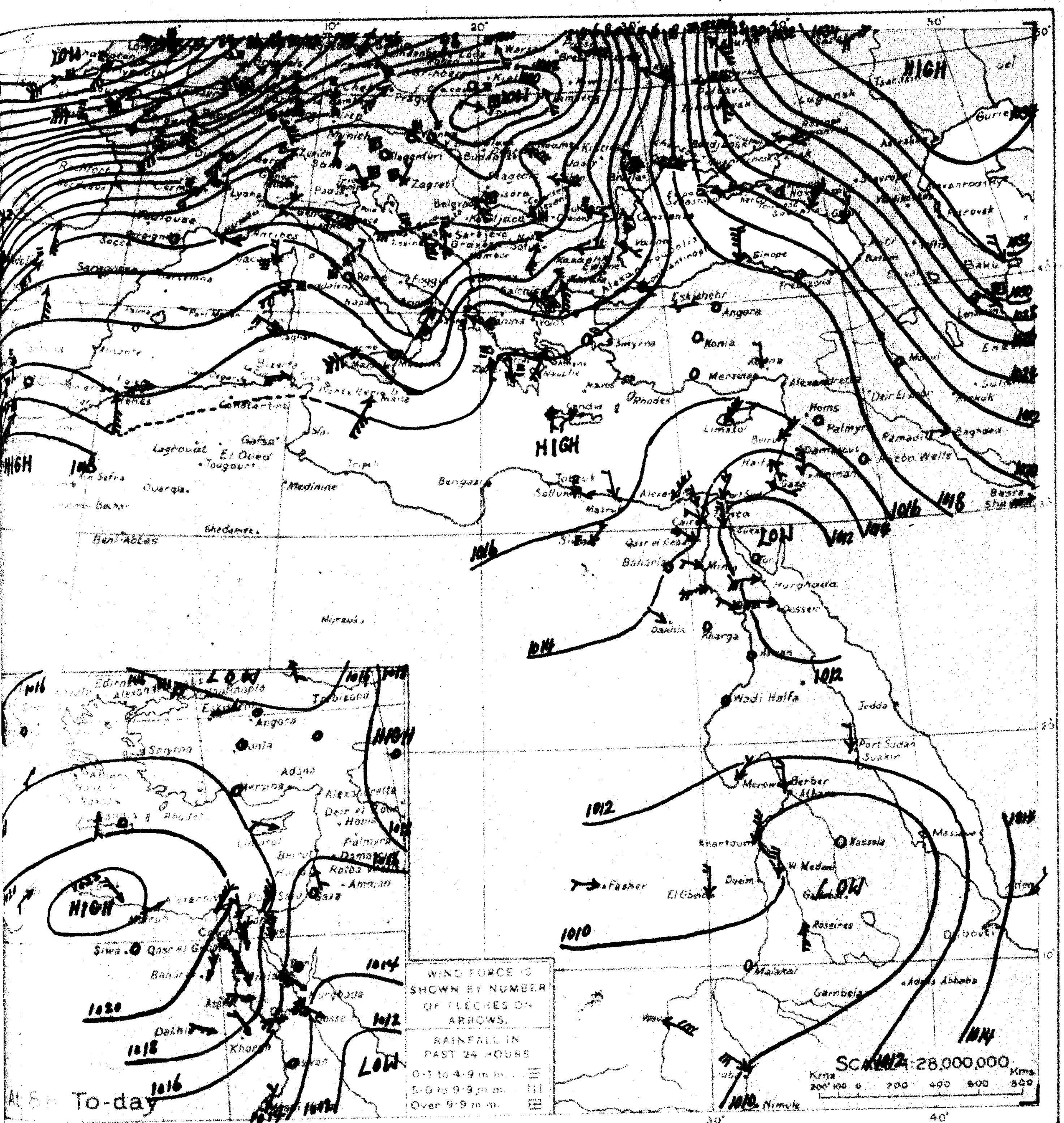
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	11.11	13.52	-0.18	13.45	-0.25
Nasser	11.11	10.56	+0.10	10.65	+0.09
Malakal	11.11	12.28	+0.02	12.28	+0.02
Roseires	12.11	14.26	+0.08	14.30	+0.06
Sennar Res.	11.11	18.93	—	18.83	—
Makwar	11.11	6.54	-1.02	6.51	-1.10
Khartoum	11.11	12.34	-0.33	12.36	-0.31
Kh. el Girba	7.11	10.88	-0.11	10.90	-0.11
Atbara	11.11	11.60	-0.19	11.66	-0.16
Wadi Halfa	12.11	4.42	+0.20	4.52	+0.24
Aswan Res.	12.11	97.44	—	97.47	—
" D.S.	12.11	88.91	+0.52	89.02	+0.56
El Leithi	12.11	21.40	+0.40	21.55	+0.45
Roda (Cairo)	12.11	17.53	+0.15	17.62	+0.19

PRINTED AT THE SURVEY OF EGYPT 1929(25/699/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١١-١١ Barometer and Wind at 8 h. Yesterday *11.11.31.*



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١١-١١ From Observations taken at 8 h. yesterday. *11.11.31.*

	STATION	BAROMETER Reduced to Sea Level (m.b.)	BAROMETER Change in past 24 hours (m.b.)	BAROMETER Diff. from normal (m.b.)	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h. (°C)	TEMPERATURE Change in past 24 hours (°C)	TEMPERATURE Diff. from normal (°C)	TEMPERATURE Maximum Yesterday (°C)	TEMPERATURE Diff. from normal (°C)	TEMPERATURE Minimum (°C)	TEMPERATURE Diff. from normal (°C)	HUMIDITY At 8 h. (%)	HUMIDITY Diff. from normal	RAINFALL Past 24 hours (m.m.)	RAINFALL Total from Oct. 1 to yesterday (m.m.)	RAINFALL Normal from Oct. 1 to yesterday (m.m.)	SEA
MEDITERRANEAN	ROME	1010.2	+0.7	-3.3	—	0	1	15	+2	—	17	—	12	—	80	—	8	—	157	—
	MALTA	1015.4	+2.9	-2.9	SSW	4	1	19	+2	—	19	-2	16	+1	80	—	0	72	95	2
	ATHENS	1014.6	-0.2	-2.8	SSW	2	3	18	0	—	—	—	—	—	80	—	—	—	66	—
	CANDIA	1017.6	+1.4	+0.8	SW	1	1	21	0	—	22	+2	16	+2	—	—	0	38	65	2
	LIMASSOL	1014.4	-4.6	-2.2	NE	4	3	22	+3		23	-1	11	-1	—	—	0	8	45	5
EGYPT and SUDAN	Kharga الخارجة	1012.3	-4.0	—	—	0	0	17.8	-2.5	—	31	—	9	—	47	—	0	0	—	—
	Kassala كسلا	1009.3	-0.1	-0.7	—	0	0	29.0	+0.5	+0.4	37	-1	22	0	52	+4	0	8	11	—
	Wad Medani ود مدني	1010.2	+0.3	-0.3	N	3	0	27.8	-1.2	+1.3	40	+2	21	0	52	+19	0	11	12	—
	Malakal ملكال	1009.3	-1.9	-1.5	—	0	1	28.0	-1.0	+1.9	37	+2	23	+4	60	+1	0	92	84	—
	Wau واو	1009.0	-1.7	-0.9	SE	4	4	25.0	-1.6	-0.8	36	+1	22	+3	80	+6	0	177	133	—
	Juba جوبا	1010.3	-1.7	—	NW	3	1	26.7	+0.5	—	36	—	20	—	72	—	0	121	107	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY W

CAIRO, to-morrow

Time of sunrise 06h 19m

" " sunset 17h 00m

From Observations taken at 8h. to-day.

Friday 13th November, 1931 ١٩٣١ الجمعة ١٣ نوفمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1024.4	+1.8	+6.0	W	2	0	14.3	−1.4	—	24	—	12	—	99	—	0	1	—	2
	MATRUH	1023.1	+1.9	+5.4	NNW	1	3	19.5	+1.7	+0.6	22	−2	16	+1	77	+1	0	12	28	2
	ALEXANDRIA	1023.0	+2.7	+5.1	NE	2	1	23.0	+1.4	+2.6	26	+1	19	+2	68	−2	0	5	19	1
	PORT SAID	1021.8	+3.6	+5.6	ENE	3	0	22.1	−1.7	+1.0	27	+2	19	+2	68	−4	0	8	7	2
	GAZA	—	—	—	—	0	0	15.7	−1.2	−3.8	24	−2	13	−1	80	+8	0	26	22	—
	HAIFA	1019.8	+4.3	+4.1	SSE	1	0	21.9	0.0	+1.0	26	0	15	0	49	−12	0	37	53	2
LOWER EGYPT	TANTA	1022.2	+2.8	—	N	1	0	18.0	−1.7	—	27	—	13	—	80	—	0	drops	—	—
	CAIRO EZBEKIYA	1021.9	+2.5	+4.3	NNW	1	0	15.8	−1.3	−0.9	27	+1	14	0	87	+7	0	6	3	—
	GIZA	1022.0	+2.9	+4.2	NNW	1	0	15.0	−2.1	—	26	0	11	−1	98	—	0	4	3	—
	HELWAN	1022.0	+3.4	+4.3	NW	2	0	15.4	−3.1	−2.3	25	0	14	−1	90	+20	0	6	2	—
	SIWA	1022.0	+1.0	+3.8	—	0	0	19.2	−0.2	+3.6	30	+4	10	−1	44	−22	0	drops	1	—
RED SEA	SUEZ	1020.0	+3.4	+3.7	N	2	0	18.5	+1.5	−0.4	26	−1	15	−1	85	+8	0	0	6	1
	TOR	1018.4	+4.0	+2.5	NE	2	0	19.0	−2.3	−1.2	26	0	14	0	76	+11	0	0	2	0
	HURGHADA	1019.8	+5.0	—	NNW	5	0	22.1	+0.3	—	27	—	16	—	73		0	0	—	3
	QOSSEIR	1017.9	+4.1	—	N	6	0	24.3	+0.3	—	28	—	22	—	63	—	0	0	—	6
UPPER EGYPT	GEBALI	1021.6	+2.2	+4.1	N	3	0	18.0	−2.0	+0.2	27	+1	15	+3	80	+7	0	0	—	—
	MINYA	1020.0	+1.2	—	NE	3	0	16.5	−1.0	−1.0	27	+1	13	−1	81	+3	—	—	—	—
	ASYUT	1020.3	+1.6	+3.1	W	2	0	16.8	+1.0	−0.6	26	0	14	+1	81	+10	0	0	—	—
	QENA	1018.4	+2.6	—	WNW	2	0	16.9	−0.9	−2.6	30	−1	13	−1	79	+20	—	—	—	—
	KHARGA	1018.2	+0.6	—	N	1	0	20.1	−0.7	—	27	—	15	—	71		0	0	—	—
	ASWAN	1017.6	+2.0	+2.0	N	1	0	19.0	−0.5	−2.0	30	−2	14	−2	54	+7	—	—	—	—
SOUTH SUDAN	WADI HALFA	1015.8	+0.7	+0.1	N	2	0	16.4	−0.8	−3.3	30	−2	13	−2	64	+21	—	—	—	—
	MONGWE	1013.1	−1.1	−0.4	NE	1	0	23.0	+0.5	−1.9	34	−2	15	−3	21	−12	0	0	1	—
	ATBARA	1013.0	+2.7	+1.0	NNE	3	0	26.0	—	−0.1	33	−3	19	−1	42	+12	0	0	1	—
	KHARTOUM	1011.2	−0.4	+0.1	NNE	3	0	23.0	−1.1	−1.6	34	−1	17	−3	22	−11	0	16	5	—
EQUATORIAL SUDAN	PORT SUDAN	1013.8	+3.2	+0.3	N	4	1	27.7	−3.0	−0.1	33	+2	24	0	54	−14	0	29	30	4
	KASSALA	1009.0	+0.3	−1.1	E	1	0	27.0	−0.5	−1.2	38	+1	24	+2	60	+12	0	8	11	—
	WAD MEDANI	1008.3	—	−2.4	N	4	0	26.0	−1.5	−0.4	36	−1	20	0	—	—	0	11	12	—
	ROSEIRES	1007.4	+0.8	−2.6	WNW	1	0	25.5	−2.5	+0.3	37	0	17	−1	21	−32	0	67	33	—
SOUTH SUDAN	EL FASHER	1012.6	+4.7	—	WNW	1	0	21.0	−6.5	−0.2	37	+3	12	−2	14	−18	0	0	8	—
	EL OBEID	1010.7	0.0	−1.8	NE	2	0	24.2	−0.3	−0.6	34	0	15	−1	34	−1	0	6	19	—
	MALAKAL	1010.3	−0.4	−0.5	NE	1	0	24.8	−2.2	−1.3	35	0	19	0	33	−24	0	92	85	—
	WAU	1008.6	−0.4	−1.4	NW	2	1	24.0	−0.1	−1.9	37	+2	19	−1	75	+2	0	177	135	—
	JUBA	1009.1	−1.5	—	W	4	2	27.1	+2.5	—	36	—	20	—	69	—	0	123	109	—

Upper Air Observations at Helwan at h. m.

Height (metres)	Kms an hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to-day.

خبرة الطقس المحتملة في الأربع والعشرين ساعة التالية من ظهر اليوم

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	69	+4	18.3	+2.0
Ezbekiya	76	+8	—	—
Giza	80	+8	17.1	—
Helwan	67	+11	16.5	+2.1

NOTE. A dash means that figures are not available

Terms of Subscription. By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
12.11	3449	1106
11.11	3563	1103

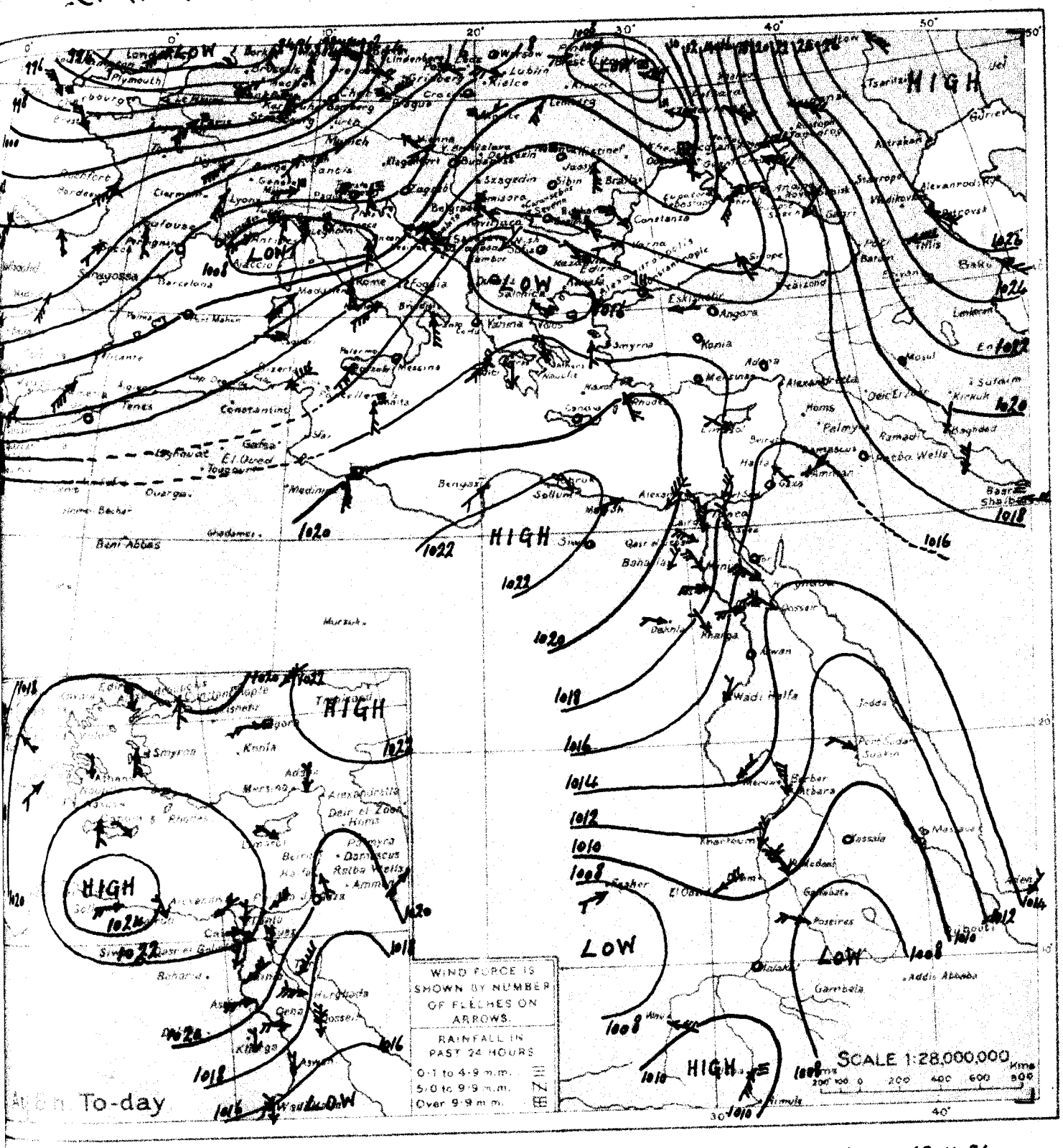
GAUGE	Date 1931	Reading m.	Diff. from normal m	Previous Reading m.	Diff. from normal m.
Juba	13.11	13.50	−0.20	13.54	−0.16
Nasser	11.11	10.55	+0.10	10.55	+0.09
Malakal	11.11	12.28	+0.02	12.28	+0.02
Roseires	12.11	14.26	+0.08	14.30	+0.06
Sennar Res.	12.11	19.03	—	18.93	—
Makwar	12.11	6.41	−1.09	6.54	−1.02
Khartoum	12.11	12.28	−0.34	12.34	−0.32
Kh. el Girba	7.11	10.88	−0.11	10.90	−0.11
Atbara	11.11	11.60	−0.19	11.66	−0.16
Wadi Halfa	12.11	4.42	+0.20	4.52	+0.24
Aswan Res.	12.11	97.44	—	97.47	—
" D.S.	12.11	88.91	+0.52	89.07	+0.56
El Leithi	12.11	21.40	+0.40	21.52	+0.48
Roda (Cairo)	12.11	17.53	+0.15	17.68	+0.19

PRINTED AT THE SURVEY OF EGYPT 1930(20/509/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-١٢ Barometer and Wind at 8 h. Yesterday 12.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-١٢ From Observations taken at 8 h. yesterday. 12.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C.	°C.	°C.	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1012.3	+2.1	-1.2	S	3	4	16	+1	—	18	—	11	—	90	—	—	—	161	—
	MALTA	1017.4	+2.0	-0.9	S	2	4	19	0	—	22	+1	17	+2	80	—	drops	72	98	1
	ATHENS	1019.6	+5.0	+2.2	N	1	4	14	-4	—	—	—	—	—	90	—	—	—	68	—
	CANDIA	1019.9	+2.3	+3.1	—	0	1	20	-1	—	25	+5	14	0	—	—	0	38	67	1
	LIMASSOL	1017.6	+3.2	+0.9	WNW	1	0	19	-3		27	+4	11	-1	—	—	0	8	47	3
EGYPT and SUDAN	Merowe مروى	1014.2	+2.7	+0.8	NE	1	0	22.5	-1.5	-2.6	37	+1	16	-3	14	-18	0	0	1	—
	Kassala كسلا	1008.7	-0.6	-1.4	—	0	0	27.5	-1.5	-0.9	38	0	23	+1	63	+15	0	8	11	—
	Wad Medani ودمدني	—	—	—	NNW	6	0	27.5	-0.3	+1.6	40	+3	21	+1	54	+21	0	11	12	—
	El Obeid الابيض	1010.7	-0.1	-1.7	NE	2	3	24.5	-0.7	-0.5	37	+3	16	-1	33	-2	0	6	19	—
	Wau واو	1009.0	0.0	-0.9	SE	3	1	28.1	-0.9	-1.7	37	+2	20	0	90	+17	0	177	134	—
	Juba جوبا	1010.6	+0.3	—	SSW	3	2	24.6	-2.1	—	36	—	20	—	83	—	2	123	108	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 20

" " sunset 16 59

From Observations taken at 8h. to-day.

Saturday 14th November, 1931 ١٩٣١ السبت ١٤ نوفمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff from normal	HUMIDITY At 8 h	Diff. from normal	RAINFALL Past 24 hours	Total from Oct 1 to yesterday	Normal from Oct 1 to yesterday	SEA
		mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C			mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1022.0	-2.4	+3.5	SE	1	2	18.2	+3.9	—	23	—	15	—	85	—	0	1	—	1
	MATRUH	1021.2	-1.9	+3.5	—	0	3	18.6	-0.9	-0.1	23	-1	16	+1	79	+3	0	12	28	0
	ALEXANDRIA	1021.1	-1.9	+3.2	ESE	1	3	20.2	-2.8	-0.1	28	+3	19	+3	77	+7	0	5	20	1
	PORT SAID	1020.0	-1.8	+3.8	ENE	4	0	22.0	-0.1	+1.0	24	-1	20	+3	65	-7	0	8	8	3
	GAZA	—	—	—	—	0	0	15.1	-0.6	-4.2	25	-1	11	-3	66	-6	0	26	23	
	HAIFA	1018.3	-1.5	+2.5	—	0	0	21.9	0.0	+1.2	24	-2	14	-1	40	-21	0	37	56	1
LOWER EGYPT	TANTA	1020.3	-1.9		NNW	1	1	18.5	+0.5		27		13		76		0	dr.		
	CAIRO / EZBEKIYA	1019.9	-2.0	+2.3	—	0	0	14.9	-0.9	-1.7	27	+1	14	0	90	+10	0	6	3	
	GIZA	1019.8	-2.2	+1.9	NNW	1	8	14.3	-0.7	—	26	+1	13	+1	100	—	0	4	3	
	HELWAN	1019.0	-3.0	+1.2	ENE	5	0	19.0	+3.6	+1.5	27	+2	17	+3	75	+5	0	6	2	
	SIWA	1019.9	-2.1	+1.7	—	0	0	16.9	-2.3	+1.5	26	0	11	0	64	-2	0	dr.	1	
RED SEA	SUEZ	1018.2	-1.8	+1.8	N	3	0	18.5	0.0	-0.3	28	+2	17	+1	80	+3	0	0	6	2
	TOR	1018.2	-0.2	+2.2	NE	1	0	18.3	-0.7	-1.7	26	0	14	0	79	+15	0	0	2	0
	HURGHADA	1017.8	-2.0	—	NW	5	0	22.4	+0.3	—	27	—	16		50		0	0		3
	QOSSEIR	1016.4	-1.5	—	NE	5	0	26.0	+1.7	—	27	—	21	—	59	—	0	0	—	4
UPPER EGYPT	GEBALI	1019.6	-2.0	+2.0	N	3	0	17.5	-0.5	-0.1	27	+1	15	+3	85	+11	0	0	—	
	MINYA	1019.0	-1.0		NNE	3	0	16.0	-0.5	-1.3	27	+1	12	-1	95	+17			—	
	ASYUT	1018.7	-1.6	+1.4	WSW	2	0	15.7	-1.1	-1.5	30	+4	12	-1	77	+6	0	0	—	
	QENA	1017.5	-0.9		N	2	0	18.1	+1.2	-1.2	32	+2	14	+1	50	-9			—	
	KHARGA	1018.2	0.0		N	1	0	19.3	-0.8		29		13		63		0	0	—	
	ASWAN	1016.3	-1.3	+0.6	—	0	0	19.4	+0.4	-1.4	32	+1	16	0	51	+3	—	—	—	
NORTH SUDAN	WADI HALFA	1014.2	-1.6	-1.6	NNE	1	0	20.0	+3.6	+0.5	30	-1	15	0	57	+14			—	
	MEROWE	1011.8	-1.3	-1.8	NE	1	0	23.0	0.0	-1.7	35	-1	17	-1	38	+5	0	0	1	
	ATBARA	~~1013.3~~	+0.3	+1.2	NE	3	0	26.5	+0.5	+0.5	34	-1	19	-1	49	+18	0	0	1	
	KHARTOUM	1010.2	-1.0	-1.0	NNE	1	0	23.8	+0.8	-0.7	34	-1	20	0	40	+7	0	16	5	
EAST SUDAN	PORT SUDAN	1012.7	-1.1	-0.8	N	3	0	28.2	+0.5	+0.5	31	0	24	0	61	-7	0	29	32	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1005.8	-1.6	-4.2	NW	1	0	27.0	+1.5	+1.8	36	-1	21	+3	43	-10	0	67	34	
SOUTH SUDAN	EL FASHER	1012.6	0.0	—	WSW	1	0	12.5	—	—	34	0	10	-3	49	—	0	0	8	
	EL OBEID																			
	MALAKAL	1009.4	-0.9	-1.4	—	0	0	27.2	+2.4	+1.2	35	0	21	+2	45	-10	0	92	86	
	WAU																			
	JUBA	1008.7	-0.4	—	NW	1	1	26.5	-0.6	—	35	—	19	—	62	—	0	123	110	

Upper Wind Observations at Helwan at 8 m 45

Height (metres)	Kms. an hour	Direction
500	75	ENE
1000	20	ENE
1500	25	NE
2000	40	ENE
3000		

General Situation

High pressure covers the eastern Mediterranean and Lower Egypt, but the pressure is slowly falling. A depression is situated over Italy and pressure over the central Mediterranean is falling rapidly.

الحالة العامة

تنحصر منطقة من الضغط العالى شرقى البحر الأبيض المتوسط وجزء السفلى ولكن الضغط آخذ فى الهبوط ببطء ويوجد انخفاض على ايطاليا والضغط على أواسط البحر الأبيض المتوسط فى هبوط سريع.

Forecast for 24 hours from noon to-day.

Northeasterly winds, light on the coast, moderate inland. Occasional high cloud. Becoming slightly warmer.

تنبؤات للمدة الحصول عليها فى الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية شرقية خفيفة على الساحل ومعتدلة فى الداخل. يظهر بعض السحب العالى. يدفأ الطقس قليلا.

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	70	+5	19.0	+2.8
Ezbekiya	74	+6	16.5	-0.2
Giza	78	+6	16.7	—
Helwan	73	+17	15.8	+1.5

NOTE A dash means that figures are not available

Terms of Subscription. By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
13.11	3320	1104
12.11	3449	1106

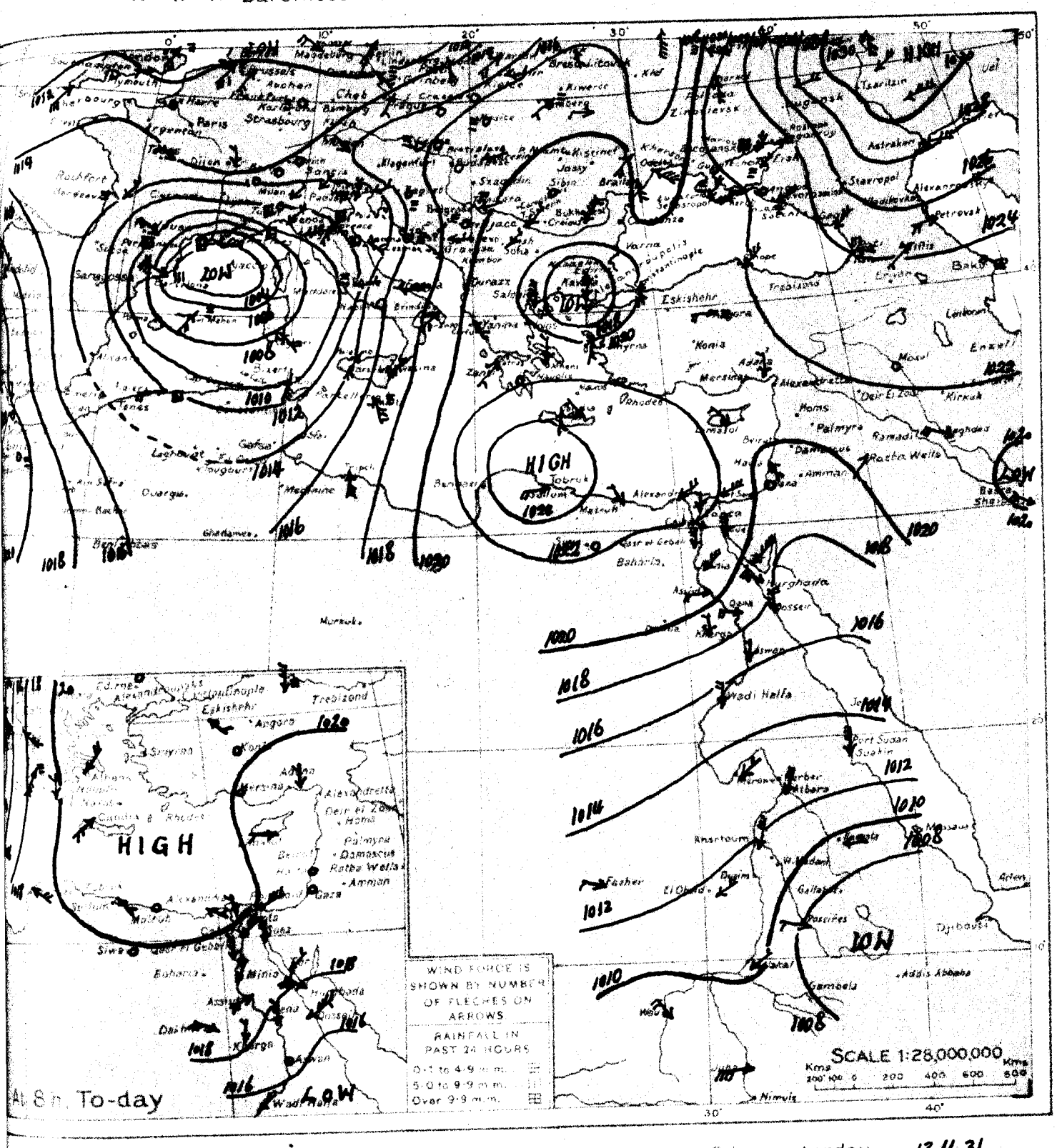
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	13.11	13.50	-0.20	13.54	-0.16
Nasser	11.11	10.56	+0.10	10.55	+0.09
Malakal	13.11	12.28	+0.03	12.28	+0.03
Roseires	14.11	14.18	+0.08	14.20	+0.10
Sennar Res.	12.11	19.03	—	18.93	—
Makwar	12.11	6.41	-1.09	6.54	-1.02
Khartoum	14.11	12.20	-0.36	12.28	-0.32
Kh. el Girba	7.11	10.88	-0.11	10.90	-0.11
Atbara	13.11	11.50	-0.22	11.54	-0.21
Wadi Halfa	14.11	4.19	+0.09	4.29	+0.14
Aswan Res.	13.11	97.38	—	97.44	—
" D.S.	13.11	88.81	+0.51	88.91	+0.52
El Leithi	14.11	21.26	+0.42	21.32	+0.38
Roda (Cairo)	14.11	17.46	+0.21	17.50	+0.20

PRINTED AT THE SURVEY OF EGYPT 1930 (30/956)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١١-١٣ Barometer and Wind at 8 h. Yesterday 13.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١١-١٣ From Observations taken at 8 h. yesterday. 13.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1011.5	-0.8	-1.9	E	2	4	17	+1	—	20	—	16	—	70	—	Rain	—	164	—
	MALTA	1016.9	-0.5	-1.5	SSE	3	4	20	+1	—	23	+2	18	+3	90	—	Tr.	72	100	2
	ATHENS	1021.0	+1.4	+3.6	N	1	2	12	-2	—	—	—	—	—	90	—	—	—	70	—
	CANDIA	1023.2	+3.3	+6.5	NW	1	2	20	0	—	26	+6	14	0	—	—	0	38	70	1
	LIMASSOL	1020.6	+3.0	+3.9	WNW	1	0	20	+1		25	+2	12	0	—	—	0	8	49	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 06 21

" " sunset 16 59

From Observations taken at 8h. to-day.

Sunday 15th November. 1931 ١٩٣١ الأحد ١٥ نوفمبر

STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
								°C	°C	°C	°C	°C	°C			m.m.	m.m.	m.m.	
MEDITERRANEAN: SOLLUM	1017.9	-4.1	-0.6	SW	2	3	17.1	-1.1		24		14		86		0	7	—	1
MATRUH	1017.8	-3.4	+0.1	NNW	1	4	15.8	-2.8	-2.7	22	-2	14	0	84	+8	0	12	29	3
ALEXANDRIA	1017.5	-3.6	-0.4	—	0	3	18.9	-1.3	-1.3	27	+2	18	+2	82	+12	0	5	21	0
PORT SAID	1017.0	-3.0	+0.7	E	2	2	21.4	-0.6	+0.5	24	-1	20	+3	80	+8	0	8	8	1
GAZA																			
HAIFA	1019.0	+0.7	+3.2	SSE	1	0	22.3	+0.4	+1.8	25	-1	15	0	41	-20	0	37	59	1
LOWER EGYPT: TANTA	1016.0	-4.3		WNW	1	4	17.0	-1.5		27		13		88		0	drops		—
CAIRO: EZBEKIYA	1015.6	-4.3	-2.1	—	0	1	14.5	-0.4	-2.0	27	+1	13	-1	90	+10	0	6	3	—
GIZA	1015.8	-4.0	-2.2	NNW	2	8	13.6	-0.7	—	26	+1	12	0	100	—	0	4	3	—
HELWAN	1015.4	-3.6	-2.4	—	0	1	16.0	-3.0	-1.3	26	+1	15	+1	87	+17	0	6	2	—
SIWA	1016.3	-3.6	-2.0	—	0	0	19.2	+2.3	+4.0	27	+1	10	-1	33	-33	0	drops	1	—
RED SEA: SUEZ	1014.4	-3.8	-2.0	N	2	1	18.0	-0.5	-0.6	28	+2	16	0	80	+3	0	0	6	1
TOR	1014.8	-3.4	-1.3	NE	3	1	18.0	-0.3	-1.8	26	0	12	-2	49	-15	0	0	2	1
HURGHADA	1014.4	-3.4		W	5	0	21.6	-0.8		26		14		51		0	0		3
QOSSEIR	1013.5	-2.9		NW	5	0	24.2	-1.8		28		20		46		0	0		3
UPPER EGYPT: GEBALI	1016.4	-3.2	-1.2	N	1	0	17.0	-0.5	-0.5	27	+1	15	+3	85	+11	0	0		
MINYA	1015.2	-3.8		NNE	2	0	15.5	-0.5	-1.7	26	0	11	-2	81	+3				
ASYUT	1015.2	-3.5	-2.2	W	2	0	16.8	+1.1	-0.2	28	+2	14	+2	75	+4	0	0		
QENA	1013.4	-4.1		NNW	2	0	17.9	-0.2	-1.1	32	+2	12	-1	52	-7				
KHARGA	1014.2	-4.0		—	0	0	18.0	-1.3		31		10		63		0	0		
ASWAN	1013.4	-2.9	-2.4	—	0	0	19.4	0.0	-1.2	32	+1	16	0	55	+7	—	—	—	
SUDAN: WADI HALFA	1011.5	-2.7	-4.4	—	0	0	20.4	+0.4	+1.1	30	-1	16	+2	61	+17				
MALAKAL	1010.0	-1.8	-3.7	NE	1	0	24.0	+1.0	-0.5	37	+2	18	0	—	—	0	0	1	
ATBARA	—	—	—	NE	2	0	26.5	0.0	+0.7	34	-1	19	0	53	+21	0	0	1	
KHARTOUM	1009.1	-1.1	-2.2	—	0	0	23.7	-0.1	-0.7	35	0	20	0	30	-3	0	16	5	
PORT SUDAN	1012.0	-0.7	-1.6	N	3	2	28.2	0.0	+0.6	32	+1	25	+1	70	+2	0	29	34	3
KASSALA																			
WAD MEDANI																			
SENNAR	1004.3	-1.5	-5.8	WNW	1	0	28.0	+1.0	+2.9	39	+2	23	+5	33	-20	0	67	34	
EL FASHER																			
EL OBEID	1009.5	-0.5	-3.1	NE	2	0	25.0	+1.2	+0.4	34	0	16	0	42	+8	0	6	19	
MALAKAL	1007.8	-1.6	-3.0	—	0	0	28.0	+0.8	+2.0	37	+2	20	+1	47	-7	0	92	86	
WAU																			
JUBA																			

Upper Air Observations at noon at 8.45

Height (Metres)	Kms. per hour	Direction
500	35	E
1000	5	E
1500	5	ESE
2000	5	NNW
3000	10	N

General Situation

The high pressure continues to weaken but the Mediterranean depression is following a path well to the north.

الحالة الجوية

لا يزال الارتفاع آخذا في الاضمحلال ولكن خط سير تفاصيل البحر المتوسط يبعد كثيرا نحو الشمال.

Forecast for 24 hours from noon to-day.

Light variable winds, chiefly northeasterly, becoming northwesterly.
Occasional medium cloud.
Remaining mild.

توقعات الطقس لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح خفيفة مختلفة الاتجاه اكثرها شمالية شرقية تتحول الى شمالية غربية — يظهر بعض السحب المتوسط الارتفاع احيانا — يستمر الطقس مائلا للدفء.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	74	+9	18.7	+2.6
Ezbekiya	74	+6	16.1	-0.5
Giza	80	+8	16.7	—
Helwan	66	+10	16.3	+2.1

NOTE. A dash means that figures are not available

Terms of Subscription. By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Aswan Reservoir gauge reading for 22.10.31 published on 22-24.10.31 should read 97.79 instead of 97.70 m.

ملاحظة — صحة قراءة النهر بمقياس خزان اسوان يوم ٢٢-٢٤-١٠-٣١ المذكورة بتقارير الايام ٢٢/٢٤ ينبغي ٩٧,٧٩ بدلا من ٩٧,٧٠ متر.

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
14.11	3175	1105
13.11	3320	1104

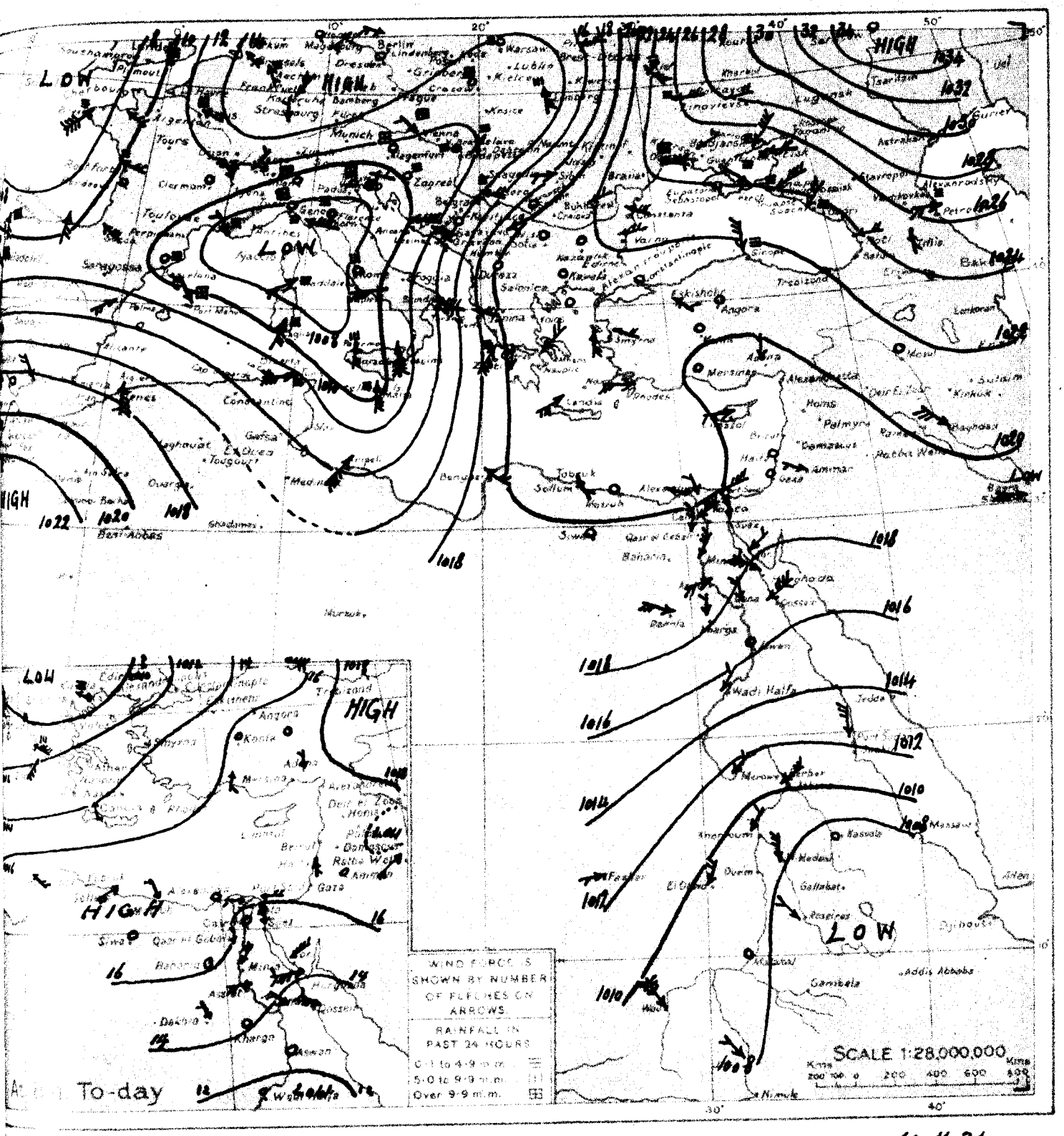
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	14.11	13.40	-0.29	13.50	-0.20
Nasser	12.11	10.54	+0.12	10.55	+0.10
Malakal	14.11	12.27	+0.02	12.28	+0.03
Roseires	15.11	14.08	+0.08	14.13	+0.08
Sennar Res.	14.11	19.23	—	19.13	—
Makwar	14.11	6.29	-1.11	6.40	-1.06
Khartoum	14.11	12.20	-0.36	12.28	-0.32
Kh. el Girba					
Atbara	14.11	11.48	-0.21	11.50	-0.22
Wadi Halfa	14.11	4.19	+0.09	4.29	+0.14
Aswan Res.	14.11	97.38	—	97.38	—
" D.S.	14.11	88.29	+0.45	88.81	+0.51
El Leithi	15.11	21.26	+0.45	21.26	+0.42
Roda (Cairo)	15.11	17.43	+0.23	17.42	+0.21

PRINTED AT THE SURVEY OF EGYPT (PRESS/SCAN) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-١٤ Barometer and Wind at 8 h. Yesterday 14.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-١٤ From Observations taken at 8 h. yesterday. 14.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.7	-2.8	-4.7	—	0	5	14	-3	—	21	—	13	—	90	—	8	—	168	—
	MALTA	1009.6	-7.3	-8.8	S	4	4	21	+1	—	23	+3	19	+4	70	—	drops	72	103	2
	ATHENS	1020.2	-0.8	+2.8	NE	2	4	14	+2	—	—	—	12	+1	90	—	—	—	73	—
	CANDIA									—					—	—				
	LIMASSOL	1019.5	-1.1	+2.7	W	1	0	19	-1		24	+1	12	0	—	—	0	8	52	1
EGYPT and SUDAN	Kassala	1006.6	-2.4	-3.5	—	0	0	29.5	+2.5	+1.4	37	0	23	+2	49	0	0	8	11	—
	Wad Medani	1009.5	+1.2	-1.2	N	3	0	26.0	0.0	-0.3	38	+1	20	0	55	+22	0	11	12	—
	El Obeid	1010.0	-0.7	-2.5	NNE	2	0	23.8	-0.4	-0.9	34	0	15	-1	40	+6	0	6	19	—
	Wau	1008.0	-0.6	-2.0	NW	7	1	25.3	+1.3	-0.6	36	+1	19	-1	36	-37	0	177	135	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 21 m

" " sunset 16 h 58 m

From Observations taken at 8 h. to-day.

Monday 16th November, 1931 — ١٩٣١ الاثنين ١٦ نوفمبر

STATION	Barometer: Reduced to Sea Level (mb)	Barometer: Change in past 24 hours (mb)	Barometer: Diff. from normal (mb)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: at 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea
MEDITERRANEAN																			
SOLLUM																			
MATRUH	1018.2	+0.4	+0.5	WSW	2	1	15.6	−0.2	−2.7	22	−2	14	0	83	+7	0	12	29	2
ALEXANDRIA	1017.8	+0.3	−0.2	—	0	3	21.6	+2.7	+1.6	26	+1	17	+1	71	+1	0	5	22	0
PORT SAID	1016.3	—	0.0	N	2	2	22.3	+0.9	+1.6	27	+3	18	+1	72	0	0	8	8	1
GAZA	—	—	—	S	1	1	16.2	−0.6	−2.7	25	0	13	−1	63	−9	0	26	25	
HAIFA	1014.2	−4.8	−1.7	—	0	0	23.7	+1.4	+3.3	26	0	15	+1	37	−24	0	37	61	1
LOWER EGYPT																			
TANTA	1017.6	+1.6	—	NW	1	3	15.0	−2.0	—	27	—	12	—	98	—	0	drops	—	—
CAIRO: EZBEKIYA	1017.0	+1.4	−0.8	—	0	8	15.2	+0.7	−1.2	26	0	14	0	97	+17	0	6	3	—
CAIRO: GIZA	1017.1	+1.3	−1.0	NNW	2	8	14.9	+1.3	—	26	+1	13	+1	100	—	0	4	3	—
CAIRO: HELWAN	1016.8	+1.4	−1.1	—	0	3	16.2	+0.2	−0.9	26	+1	15	+1	95	+25	0	6	2	—
SIWA	1017.2	+0.9	−1.2	—	0	2	16.1	−3.1	+1.1	27	+1	10	0	51	−15	0	drops	1	—
RED SEA																			
SUEZ	1015.0	+0.6	−1.5	N	3	4	17.5	−0.5	−1.0	27	+1	16	0	94	+17	0	0	6	2
TOR	1014.4	−0.4	−1.7	NE	3	2	17.0	−1.0	−2.6	25	−1	13	−1	45	−19	0	0	3	4
HURGHADA	1014.6	+0.2		NW	5	0	22.1	+0.5	—	27	—	15	—	51		0	0	—	3
QOSSEIR	1014.0	+0.5	—	NW	3	1	24.0	−0.2	—	28	—	19	—	42		0	0	—	2
UPPER EGYPT																			
GEBALI	1017.5	+1.1	−0.2	NW	1	0	17.0	0.0	−0.3	27	+1	15	+3	64	−11	0	0	—	—
MINYA	1017.1	+1.9	—	N	2	4	15.0	−0.5	−2.0	26	+1	12	−1	100	+22			—	—
ASYUT	1016.3	+1.1	−1.2	WNW	2	2	15.4	−1.4	−1.4	28	+2	13	+1	83	+12	0	0	—	—
QENA	1015.1	+1.7	—	NNW	2	2	17.1	−0.8	−1.8	32	+2	13	0	56	−3			—	—
KHARGA	1015.0	+0.8	—	—	0	0	19.1	+1.1	—	31	—	10		63		0	0	—	—
ASWAN	1013.9	+0.5	−2.0	NNE	1	2	20.4	+1.0	0.0	32	+1	13	−3	51	+3	—	—	—	—
NORTH NUBIA																			
WADI HALFA	1012.0	+0.5	−4.0	—	0	0	19.2	−1.2	+0.1	31	0	15	+1	50	+6			—	—
MEROWE	1010.4	+0.4	−3.5	NE	1	0	25.0	+1.0	+0.7	37	+2	18	0	31	−2	0	0	1	—
ATBARA	—	—	—	E	2	0	27.5	+1.0	+1.8	36	+1	20	+1	50	+18	0	0	1	—
KHARTOUM	1009.6	+0.5	−1.8	—	0	0	25.4	+1.7	+1.2	37	+2	20	0	31	−2	0	16	5	—
CENTRAL SUDAN																			
PORT SUDAN	1012.4	+0.4	−1.3	N	2	3	28.0	−0.2	+0.5	31	0	25	+1	80	+12	0	29	35	2
KASSALA																			
WAD MEDANI	1007.1	−0.1	−3.8	N	2	0	28.0	+1.0	+2.0	—	—	20	0	30	−3	0	11	12	—
ROSEIRES	1006.7	+2.4	−3.4	NNW	1	0	27.5	−0.5	+2.5	38	+1	22	+4	54	+2	0	67	34	—
SOUTH SUDAN																			
EL FASHER	1009.9	−1.2	—	WNW	1	0	19.5	+2.5	−1.1	35	+1	12	−1	24	−8	0	0	8	—
EL OBEID																			
MALAKAL	1008.8	+1.0	−2.0	—	0	1	28.0	0.0	+2.0	36	+1	22	+3	63	+11	0	92	86	—
WAU	1007.4	−0.1	−2.7	NW	3	3	26.4	−0.3	+0.5	37	+2	20	0	64	−8	0	177	136	—
JUBA	1009.1	+0.3	—	S	4	1	25.8	+2.3		34		20		70		0	123	113	—

Upper Wind Observations at El Helwan at 9.30 a. m.

Height (metres)	Kms per hour	Direction
500	15	NE
1000	10	NNE
1500		
2000		
3000		

General Situation

Egypt remains an area of high pressure with a shallow depression over Syria, but there is very little gradient over the eastern Mediterranean.

الحالة الجوية

لا تزال مصر منطقة ضغط مرتفع مع وجود انخفاض ضئيل على الشام ولكن تدرج الضغط صغير جدا على شرق البحر الابيض المتوسط.

Forecast for 24 hours from noon to-day.

Light variable winds chiefly north to northeast. Occasional high cloud. Normal temperature.

تنبؤات الطقس حتى الساعة ٨ من ظهر اليوم الى ظهر الغد

رياح خفيفة مختلفة الاتجاه غالبا شمالية وشمالية شرقية. يظهر بعض السحاب العالي احيانا. درجة الحرارة عادية.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	76	+11	17.9	+2.0
Ezbekiya	80	+12	16.6	+0.2
Giza	80	+8	16.5	—
Helwan	69	+13	16.2	+2.1

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
15.11	3027	1102
14.11	3175	1105

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous: Reading m.	Previous: Diff. from normal m.
Juba	15.11	13.30	−0.39	13.40	−0.29
Nasser	14.11	10.50	+0.13	10.53	+0.14
Malakal	15.11	12.27	+0.02	12.27	+0.02
Roseires	16.11	14.02	+0.07	14.03	+0.08
Sennar Res.	15.11	19.33	—	19.23	—
Makwar	15.11	6.23	−1.12	6.29	−1.11
Khartoum	15.11	12.14	−0.38	12.20	−0.36
Kh. el Girba					
Atbara	15.11	11.42	−0.24	11.48	−0.21
Wadi Halfa	16.11	3.98	−0.02	4.07	+0.03
Aswan Res.	15.11	97.38	—	97.38	—
" D.S.	15.11	88.58	+0.40	88.69	+0.45
El Leithi	16.11	21.19	+0.52	21.20	+0.46
Roda (Cairo)	16.11	17.45	+0.30	17.43	+0.23

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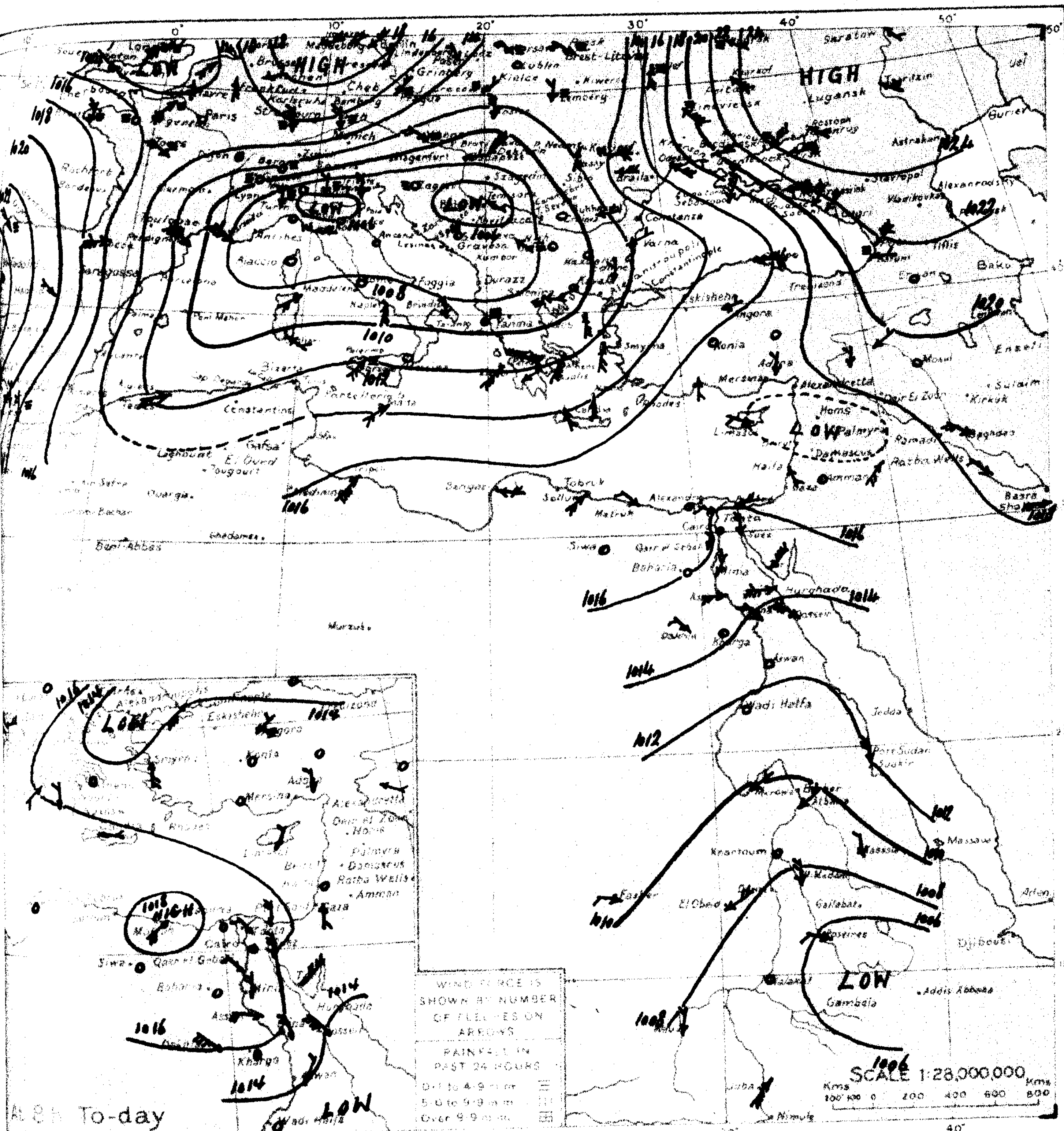
PHYSICAL DEPARTMENT.

REPORT.

٣١-١١-١٥. Barometer and Wind at 8 h. Yesterday *15.11.31.*



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١١-١٥. From Observations taken at 8 h. yesterday. *15.11.31.*

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1009.1	+0.4	−4.2	—	0	2	10	−4	—	16	—	9	—	90	—	—	—	172	—
	MALTA	1013.2	+3.6	−5.2	WSW	2	4	16	−5	—	22	+2	14	−1	60	—	0	72	106	1
	ATHENS	1010.7	−9.5	−6.7	SSW	3	5	18	+4	—	—	—	—	—	80	—	—	—	75	—
	~~CANDIA~~									—					—	—		-		
	LIMASSOL	1015.5	−4.0	−1.3	WNW	1	2	18	−1		23	0	11	−1	—	—	0	8	54	0
EGYPT and SUDAN	Kassala كسلا	1008.0	+1.4	−2.2	N	1	0	29.0	−0.5	+1.0	37	0	22	+1	49	0	0	8	11	—
	Wad Medani ودمدني	1007.2	−2.3	−3.6	N	2	0	27.0	+1.0	+0.8	39	+2	20	0	33	0	0	11	12	—
	El Fasher الفاشر	1011.1	−1.5	—	WNW	1	0	17.0	—	−3.8	35	+1	10	−3	30	−2	0	0	8	—
	Wau واو	1007.5	−0.5	−2.5	N	1	0	26.7	+1.4	+0.8	35	0	18	−2	55	−17	0	177	136	—
	Juba جوبا	1008.2?	+0.1	—	SW	4	2	23.5	−3.0	—	35	—	20	—	78	—	0	123	112	—

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 06h 22m

" " sunset 16h 58m

From Observations taken at 8h. to-day.

Tuesday 17th November, 1931 ١٩٣١ الثلاثاء ١٧ نوفمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1021.9	+3.2	+3.4	S	1	4	16.7	+0.7	—	26	—	14	—	74	—	0	1	—	1
	MATRUH	1020.7	+2.5	+3.0	WNW	1	3	15.7	+0.1	−2.4	22	−1	13	−1	88	+12	0	12	30	1
	ALEXANDRIA	1020.4	+2.6	+2.4	SE	3	3	21.6	0.0	+1.8	26	+2	18	+2	69	−1	0	5	23	1
	PORT SAID	1019.6	+3.3	+3.2	E	3	3	21.4	−0.9	+0.8	27	+3	19	+2	61	−11	0	8	9	2
	GAZA	—	—	—	SE	1	0	15.8	−0.4	−2.9	23	−2	12	−2	74	+2	0	26	26	—
	HAIFA	1017.4	+3.2	+1.5	—	0	0	22.5	−1.2	+2.3	27	+2	15	+1	59	−2	0	37	64	1
LOWER EGYPT	TANTA	1019.8	+2.2	—	NNW	1	0	17.4	+2.4	—	26	—	13	—	78	—	0	drops	—	—
	CAIRO EZBEKIYA	1019.4	+2.4	+1.5	NNE	2	0	15.3	+0.1	−1.0	26	+1	13	0	86	+6	0	6	3	—
	CAIRO GIZA	1019.6	+2.5	+1.5	—	0	2	14.9	0.0	—	25	0	11	−1	90	—	0	4	3	—
	CAIRO HELWAN	1019.2	+2.4	+1.3	NNE	3	0	18.4	+2.2	+1.4	24	−1	16	+2	74	+4	0	6	3	—
	SIWA	1020.0	+2.8	+1.6	—	0	3	16.9	+0.8	+2.1	28	+2	10	0	54	−12	0	drops	1	—
RED SEA	SUEZ	1018.7	+3.7	+2.2	N	3	0	18.2	+0.7	−0.1	25	−1	15	−1	78	+1	0	0	6	2
	TOR	1017.1	+2.7	+0.9	—	0	0	19.5	+2.5	+0.1	25	−1	14	0	59	−5	0	0	3	0
	HURGHADA	—	—	—	NW	5	0	21.9	−0.2	—	27	—	16	—	60	—	0	0	—	3
	QOSSEIR	1014.4	+0.4	—	WNW	4	0	23.7	−0.3	—	28	—	19	—	36	—	0	0	—	4
UPPER EGYPT	GEBALI	1019.1	+1.6	+1.3	N	4	0	17.8	+0.8	+0.8	25	−1	15	+3	72	−4	0	0	—	—
	MINYA	1018.8	+1.7	—	NNE	3	0	16.5	+1.5	−0.3	25	0	13	0	90	+12	—	—	—	—
	ASYUT	1018.3	+2.0	+0.8	WNW	2	0	15.4	0.0	−1.2	28	+2	12	0	85	+14	0	0	—	—
	QENA	1016.8	+1.7	—	WNW	2	0	16.5	−0.6	−2.2	32	+2	14	+1	77	+18	—	—	—	—
	KHARGA	1018.2	+3.2	—	—	0	0	17.8	−1.3	—	30	—	11	—	71	—	0	0	—	—
	ASWAN	1015.4	+1.5	−0.7	NNE	1	0	21.2	+0.8	+1.1	31	0	18	+2	40	−8	—	—	—	—
NORTH SUDAN	WADI HALFA	1013.6	+1.6	−2.5	NNE	2	0	21.0	+1.8	+2.1	32	+1	17	+3	35	−10	—	—	—	—
	MEROWE	1011.5	+1.1	−2.5	NE	1	0	26.0	+1.0	+2.0	38	+3	20	+2	36	+3	0	0	1	—
	ATBARA	—	—	—	NE	2	0	27.0	−0.5	+1.5	35	0	20	+1	52	+19	0	0	1	—
	KHARTOUM	1010.6	+1.0	−0.9	NNE	1	0	26.0	+0.6	+2.0	37	+2	22	+2	38	+5	0	16	5	—
EAST SUDAN	PORT SUDAN	1013.4	+1.0	−0.3	NE	3	3	29.5	+1.5	+2.1	32	+1	25	+2	80	+12	0	29	37	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1006.8	+0.1	−3.3	WSW	1	0	26.5	−1.0	+1.6	37	0	21	+3	53	+1	0	67	34	—
SOUTH SUDAN	EL FASHER	1011.1	+1.2	—	WNW	1	0	20.0	+0.5	−0.5	36	+2	13	0	40	+8	0	0	8	—
	EL OBEID																			
	MALAKAL	1009.5	+0.7	−1.4	—	0	1	28.3	+0.3	+2.3	37	+2	22	+3	57	+6	0	92	87	—
	WAU																			
	JUBA																			

Upper Wind Observations at Helwan at h. m. 8.45

Height (metres)	Km. an hour	Direction
500	20	NNE
1000	45	NE
1500	25	NE
2000	10	N
3000	10	NNW

General Situation

High pressure extends from the Balkans to Egypt, where the pressure has risen. There are indications of a depression in the interior of Tripoli.

الحالة العمومية

يمتد ارتفاع من البلقان الى مصر حيث قد ازداد الضغط هناك ما يدل على وجود انخفاض فوق داخلية طرابلس.

Forecast for 24 hours from noon to day.

Northeasterly winds, light on the coast, moderate to fresh inland.
Some high cloud.
Little change in temperature.

تنبؤات الطقس حتى الظهر من ظهر اليوم الى ظهر الغد

رياح شمالية شرقية خفيفة على الساحل وبين المعتدلة الى النديدة نوعا في الداخل - يظهر بعض السحاب العالي - ولا تتغير درجة الحرارة الا قليلا.

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	75	+10	18.7	+2.9
Ezbekiya	79	+11	16.4	+0.1
Giza	80	+7	16.8	—
Helwan	74	+17	16.3	+2.3

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
17.11	2850	1102
16.11	2938	1105

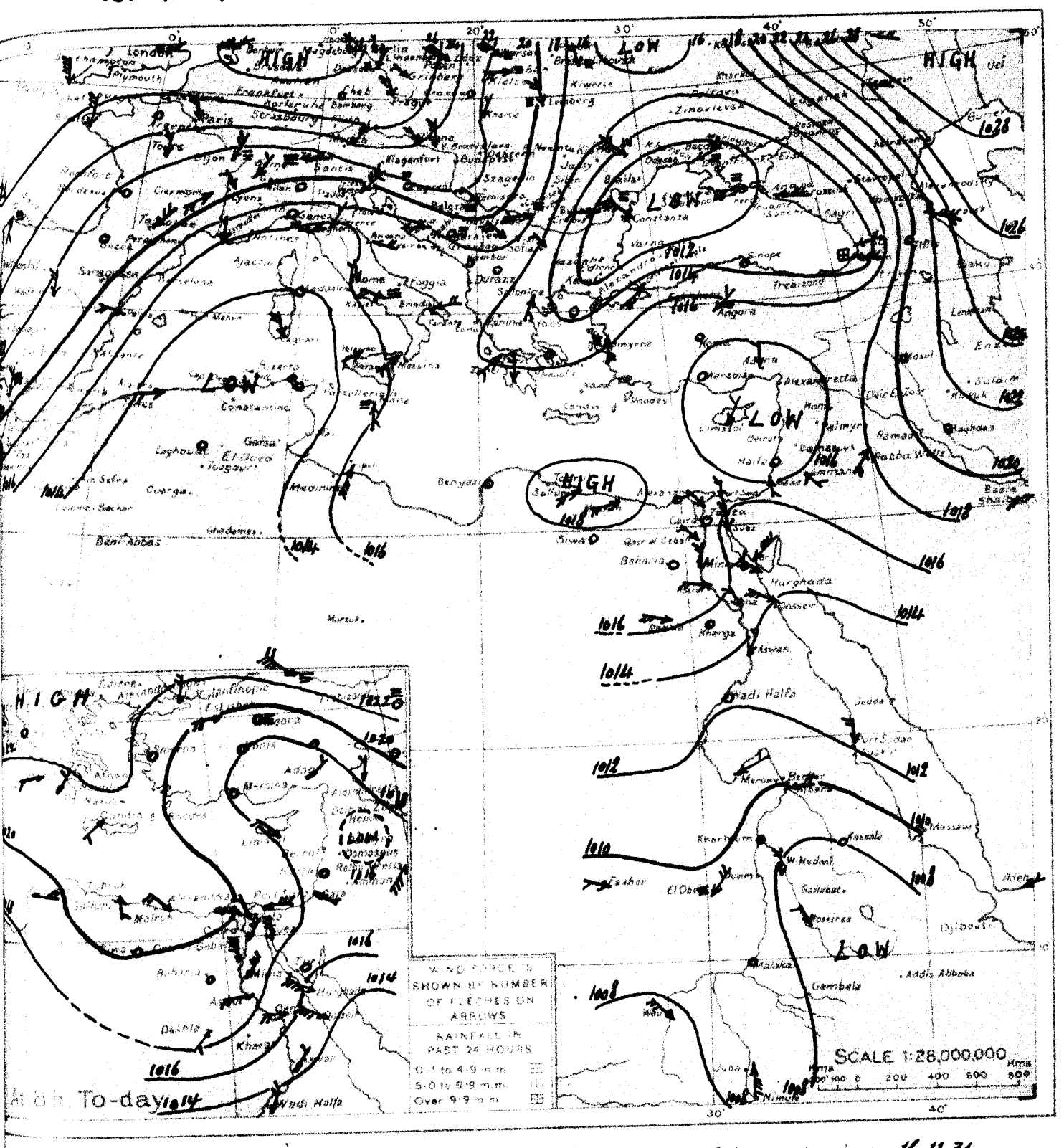
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	16.11	13.30	−0.38	13.30	−0.39
Nasser	16.11	10.48	+0.18	10.50	+0.15
Malakal	16.11	12.27	+0.03	12.27	+0.02
Roseires	17.11	13.96	+0.06	14.02	+0.07
Sennar Res.	16.11	19.42	—	19.33	—
Makwar	16.11	6.27	−1.03	6.23	−1.12
Khartoum	16.11	12.10	−0.39	12.14	−0.38
Kh. el Girba					
Atbara	17.11	11.38	−0.22	11.40	−0.23
Wadi Halfa	17.11	3.89	−0.06	3.98	−0.02
Aswan Res.	17.11	97.35	—	97.40	—
" D.S.	17.11	88.38	+0.34	88.46	+0.36
El Leithi	17.11	21.16	+0.56	21.19	+0.52
Roda (Cairo)	17.11	17.12	+0.32	17.15	+0.30

PRINTED AT THE SURVEY OF EGYPT 1930(20/556) 1930 (20/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-١٦ Barometer and Wind at 8 h. Yesterday 16.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-١٦ From Observations taken at 8 h. yesterday. 16.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1016.7	+7.6	+3.3	N	1	4	10	0	—	16	—	8	—	90	—	—	—	176	—
	MALTA	1015.1	+1.9	-3.3	S	1	4	17	+1	—	20	0	14	0	70	—	drops	72	108	1
	ATHENS	1015.4	+4.7	-2.0	—	0	0	12	-6	—	—	—	—	—	90	—	—	—	77	—
	CANDIA									—					—	—				
	LIMASSOL	1015.0	-0.5	-1.8	NNE	1	1	19	+1		24	+2	12	+1	—	—	0	8	56	1
EGYPT and SUDAN	Sollum	1018.7	+0.8	+0.2	SW	2	1	16.0	-1.1	—	26	—	15	—	79	—	0	1	—	1
	Kassala	1008.0	0.0	-2.2	—	0	0	26.5	-2.5	-1.3	37	0	23	+2	63	+14	0	8	11	—
	El Obeid	1009.8	+0.3	-2.9	NE	2	2	25.5	+0.5	+1.1	34	0	18	+2	26	-8	3	9	19	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 23 m

" " sunset 16 h 57 m

From Observations taken at 8 h. to-day.

Wednesday 18th November, 1931 — الاربعاء ١٨ نوفمبر ١٩٣١

	STATION	Barometer: Reduced to Sea Level (m.b)	Barometer: Change in past 24 hours (m.b)	Barometer: Diff. from normal (m.b)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1 to yesterday (m.m.)	Rainfall: Normal from Oct. 1 to yesterday (m.m.)	Sea
MEDITERRANEAN	SOLLUM	1021.8	−0.1	+3.3	NNW	3	3	14.8	−1.9	—	25	—	12	—	91	—	0	1	—	2
	MATRUH	1020.2	−0.5	+2.5	NNE	3	3	20.2	+4.5	+2.3	23	0	16	+2	74	−2	0	12	31	2
	ALEXANDRIA	1017.8	−2.6	−0.2	NE	5	2	21.4	−0.2	+1.7	27	+3	19	+3	68	−2	0	5	24	1
	PORT SAID	1017.8	−1.8	+1.4	NNE	2	2	22.1	+0.7	+1.7	24	0	19	+3	67	−5	0	8	9	2
	GAZA	—	—	—	—	0	0	14.9	−0.9	−3.7	23	−2	12	−2	81	+9	0	26	27	—
	HAIFA	1014.8	−2.6	−1.1	—	0	4	19.3	−3.2	−0.7	25	0	15	+1	58	−3	0	37	67	1
LOWER EGYPT	TANTA	1018.6	−1.2	—	WNW	1	1	18.0	+0.6	—	26	—	14	—	82	—	0	drops	—	—
	CAIRO EZBEKIYA	1018.0	−1.4	+0.1	NNE	1	2	15.4	+0.1	−0.7	26	+1	14	+1	89	+9	0	6	3	—
	CAIRO GIZA	1018.0	−1.6	−0.2	N	2	3	16.2	+1.3	—	25	0	12	0	87	—	0	4	3	—
	CAIRO HELWAN	1017.5	−1.7	−0.5	NE	1	3	18.0	−0.4	+1.2	25	+1	16	+2	75	+5	0	6	3	—
	SIWA	1019.2	−0.8	+0.7	—	0	2	16.2	−0.7	+1.5	28	+3	10	0	65	−2	0	drops	1	—
RED SEA	SUEZ	1015.4	−3.3	−1.2	N	2	2	16.5	−1.7	−1.7	24	−2	15	−1	74	−3	0	0	6	1
	TOR	1014.0	−3.1	−2.2	NE	2	1	20.2	+0.7	+1.0	24	−2	15	+1	57	−7	0	0	3	0
	HURGHADA	1015.2	—	—	NNW	6	2	23.9	+2.0	—	27	—	17	—	48	—	0	0	—	4
	QOSSEIR	1014.4	0.0	—	NW	5	0	23.7	0.0	—	27	—	20	—	52	—	0	0	—	4
UPPER EGYPT	GEBALI	1018.0	−1.1	+0.2	N	2	1	18.0	+0.2	+1.2	26	0	16	+4	77	+1	0	0	—	—
	MINYA	1017.1	−1.7	—	NE	3	0	17.0	+0.5	+0.3	25	0	14	+1	85	+7	—	—	—	—
	ASYUT	1016.6	−1.7	−1.0	W	2	2	15.6	+0.2	−0.8	27	+1	12	0	87	+16	0	0	—	—
	QENA	1015.2	−1.6	—	WNW	2	1	16.8	+0.3	−1.7	31	+1	13	0	79	+19	—	—	—	—
	KHARGA	1016.8	−1.4	—	SE	1	0	18.5	+0.7	—	28	—	12	—	78	—	0	0	—	—
	ASWAN	1014.2	−1.2	−1.9	—	0	1	21.0	−0.2	+1.0	34	+4	18	+3	35	−13	—	—	—	—
NORTH SUDAN	WADI HALFA	1012.6	−1.0	−3.6	NNE	1	0	19.6	−1.4	+0.9	32	+2	16	+2	39	−6	—	—	—	—
	MEROWE	1011.0	−0.5	−3.1	NE	1	0	26.0	0.0	+2.2	38	+3	20	+2	24	−10	0	0	1	—
	ATBARA	—	—	—	E	2	0	28.0	+1.0	+2.7	36	+1	21	+2	51	+18	0	0	1	—
	KHARTOUM	1009.8	−0.8	−1.8	NE	1	0	25.4	−0.6	+1.6	37	+3	22	+2	44	+11	0	16	5	—
EAST SUDAN	PORT SUDAN	1012.7	−0.7	−1.1	N	2	3	27.8	−1.7	+0.5	32	+1	25	+2	83	+15	4	33	39	2
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1005.6	−1.2	−4.6	NW	1	0	26.5	0.0	+1.6	38	+1	19	+1	46	−5	0	67	34	—
SOUTH SUDAN	EL FASHER	1011.5	+0.4	—	WNW	1	0	22.0	+2.0	+1.7	37	+3	15	+2	36	+4	0	0	8	—
	EL OBEID																			—
	MALAKAL	1007.9	−1.6	−3.0	NNW	1	0	28.0	−0.3	+2.1	36	+1	22	+3	41	−9	0	92	87	—
	WAU	1007.5	+0.1	−2.7	N	2	0	27.4	−0.7	+1.5	37	+2	21	+2	64	−7	0	177	138	—
	JUBA																			—

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Kms an hour	Direction
500	40	NE
1000	55	NE
1500	40	NNE
2000	15	NNE
3000		

General Situation

A wedge of high pressure extends from Greece to Egypt. Pressure over Egypt is weakening, especially in the east.

الحالة العمومية

يمتد نتوء من الضغط العالى من اليونان لمصر والضغط على مصر فى هبوط خصوصا فى الشرق.

Forecast for 24 hours from noon to day.

Moderate northerly winds, fresh at times.
Some medium cloud.
Little change in temperature.

ملخص التنبؤ بحالة الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية معتدلة تشتد نوعا احيانا.
يظهر بعض السحاب الوسط.
ولا تتغير الحرارة الا قليلا.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	70	+5	18.3	+2.6
Ezbekiya	76	+8	16.1	−0.1
Giza	74	+1	16.1	—
Helwan	64	+7	15.9	+2.0

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17.11	2850	1102
16.11	2938	1105

GAUGE	Date 1931	Reading (m.)	Diff. from normal (m.)	Previous day: Reading (m.)	Previous day: Diff. from normal (m.)
Juba	17.11	13.54	−0.14	13.30	−0.38
Nasser	17.11	10.47	+0.19	10.48	+0.18
Malakal	17.11	12.27	+0.03	12.27	+0.03
Roseires	18.11	13.93	+0.08	13.96	+0.06
Sennar Res.	17.11	19.51	—	19.42	—
Makwar	17.11	6.21	−1.04	6.27	−1.03
Khartoum	18.11	12.00	−0.44	12.06	−0.40
Kh. el Girbd					
Atbara	18.11	11.36	−0.22	11.38	−0.22
Wadi Halfa	17.11	3.89	−0.06	3.98	−0.02
Aswan Res.	17.11	97.35	—	97.40	—
" D.S.	17.11	88.38	+0.34	88.46	+0.36
El Leithi	18.11	21.06	+0.55	21.12	+0.56
Roda (Cairo)	18.11	17.37	+0.32	17.43	+0.32

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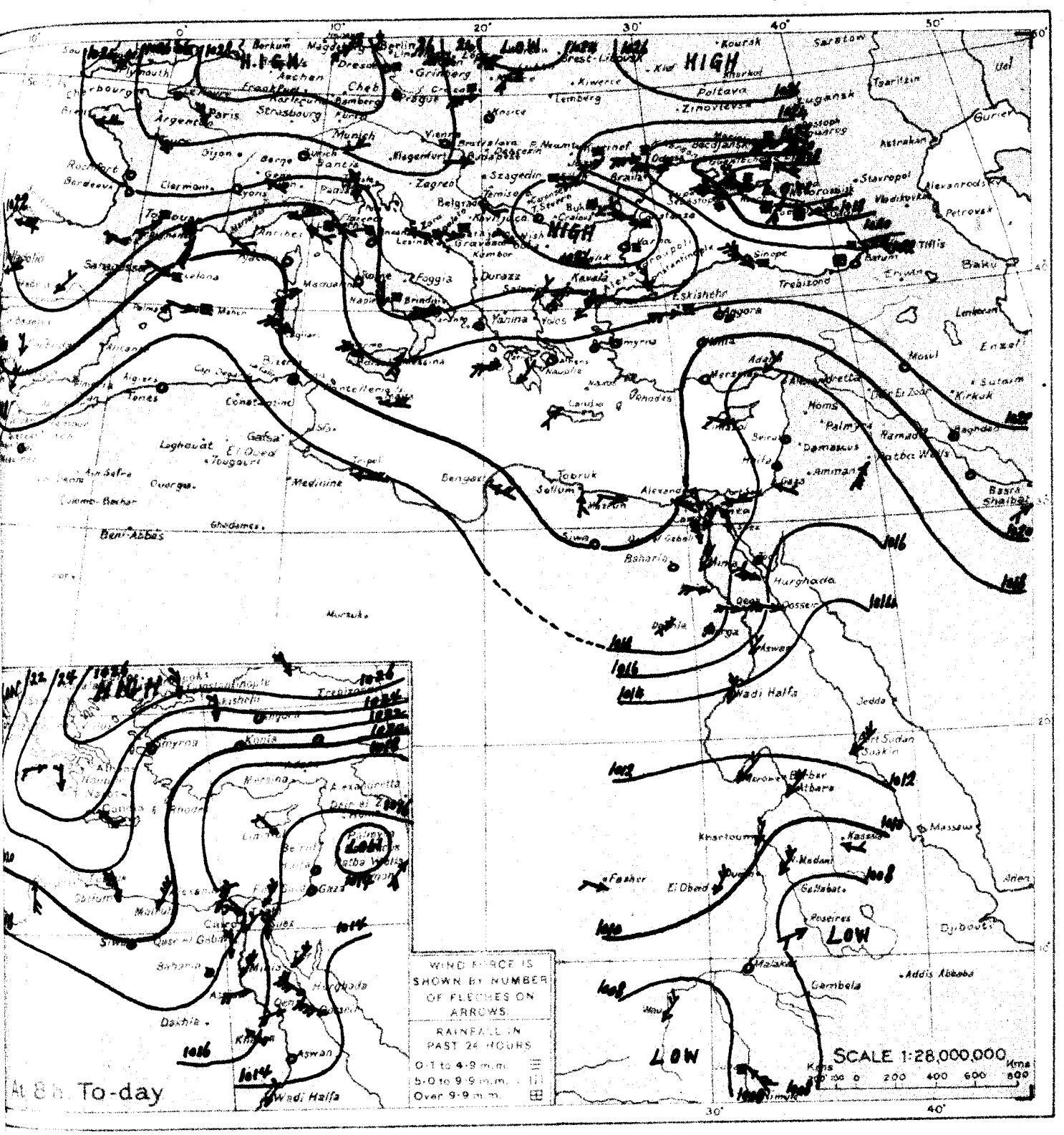
PHYSICAL DEPARTMENT.

REPORT.

١٧-١١-٣١ Barometer and Wind at 8 h. Yesterday 17.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٧-١١-٣١ From Observations taken at 8 h. yesterday. 17.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1022.4	+5.7	+9.0	—	0	4	12	+2	—	16	—	11	—	90	—	—	—	180	—
	MALTA	1020.3	+5.2	+2.0	ESE	3	4	18	+1	—	21	+1	17	+3	70	—	0	72	111	2
	ATHENS	1021.9	+6.5	+4.5	—	0	2	12	0	—	—	—	10	−1	80	—	—	—	80	—
	CANDIA									—					—	—				
	LIMASSOL	1018.0	+3.0	+1.2	NNW	1	0	19	0		26	+4	13	+2	—	—	0	8	58	0
EGYPT and SUDAN	Kassala	1008.2	+0.2	−2.1	ESE	1	0	27.0	+0.5	−0.7	37	0	24	+3	63	+13	0	6	11	—
	Wad Madani	1008.6	+1.5	−2.4	NE	2	0	28.2	[illegible]	+2.3	39	+2	20	0	42	+9	0	4	13	—
	El Obeid	1011.0	+1.2	−1.4	NE	2	0	27.0	[illegible]	[illegible]	37	+3	18	+2	30	−4	0	9	19	—
	Wau	1007.4	0.0	−2.3	NE	2	0	27.1	[illegible]	+2.2	37	+2	22	+3	66	−5	0	177	97	—
	Juba	1010.2	+1.1	—	SE	3	1	25.5	[illegible]	—	35	—	19	—	76	—	1	124	114	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 24 m

" " sunset 16 h 57 m

From Observations taken at 8 h. to-day.

Thursday 19th November, 1931 — ١٩٣١ — الخميس ١٩ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
MEDITERRANEAN	SOLLUM	1019.1	−2.7	+0.6	NW	2	0	13.3	−1.5	—	21	—	11	—	45	—	0	1	—	2
	MATRUH	1017.4	−2.8	−0.4	NNW	3	2	20.0	−0.2	+2.3	22	−1	19	+5	66	−10	0	12	31	3
	ALEXANDRIA	1016.4	−1.4	−1.6	NE	5	2	19.8	−1.6	+0.3	25	+1	19	+3	69	−1	0	5	25	2
	PORT SAID	1014.7	−3.1	−1.8	WNW	2	3	19.4	−2.7	−0.9	26	+2	17	+1	84	+11	0	8	10	1
	GAZA	—	—	—	—	0	2	16.3	+1.4	−2.1	23	−2	12	−1	83	+11	0	26	28	—
	HAIFA	1011.6	−3.2	−4.4	—	0	0	19.6	+0.3	−0.2	25	0	15	+1	65	+4	0	37	70	1
LOWER EGYPT	TANTA	1015.9	−2.7	—	W	1	1	15.5	−2.5	—	26	—	12	—	90	—	0	drops	—	—
	CAIRO EZBEKIYA	1015.8	−2.2	−2.2	—	0	0	15.2	−0.2	−0.7	26	+1	13	0	91	+11	0	6	3	—
	CAIRO GIZA	1016.3	−1.7	−2.0	—	0	0	15.3	−0.9	—	25	+1	11	−1	94	—	0	4	3	—
	CAIRO HELWAN	1016.3	−1.2	−1.7	—	0	0	15.9	−2.1	−0.7	24	0	14	0	81	+11	0	6	3	—
	SIWA	1018.2	−1.0	−0.3	—	0	0	15.1	−1.1	+0.6	28	+3	11	+1	69	+2	0	drops	1	—
RED SEA	SUEZ	1014.6	−0.8	−2.1	E ?	2	0	17.8	+1.3	−0.3	24	−2	15	0	76	−1	0	0	6	1
	TOR	1012.8	−1.2	−3.5	NE	4	1	19.0	−1.2	0.0	24	−2	13	−1	58	−6	0	0	3	0
	HURGHADA	1012.4	−2.8	—	NNW	4	1	20.5	−3.4	—	26	—	16	—	70	—	0	0	—	4
	QOSSEIR	1013.3	−1.1	—	NW	5	0	23.2	−0.5	—	27	—	19	—	54	—	0	0	—	5
UPPER EGYPT	GEBALI	—	—	—	NW	2	0	18.0	0.0	+1.4	25	0	14	+2	76	−1	0	0	—	—
	MINYA	1016.7	−0.4	—	NNE	2	1	16.0	−1.0	−0.5	23	−2	12	0	89	+11	—	—	—	—
	ASYUT	1016.0	−0.6	−1.7	W	2	0	16.0	+0.4	−0.2	26	0	14	+2	82	+11	0	0	—	—
	QENA	1014.3	−0.9	—	W	2	0	17.1	+0.3	−1.1	29	0	13	0	80	+20	—	—	—	—
	KHARGA	1014.8	−2.0	—	NE	1	1	19.4	+0.9	—	28	—	16	—	75	—	0	0	—	—
	ASWAN	1013.1	−1.1	−3.1	NNE	1	0	19.5	−1.5	−0.3	31	+1	17	+2	51	+2	—	—	—	—
NORTH SUDAN	WADI HALFA	1012.8	+0.2	−3.5	N	2	0	19.6	0.0	+1.2	33	+3	16	+2	47	+1	—	—	—	—
	MEROWE																			—
	ATBARA	—	—	—	NE	2	0	28.0	0.0	+2.9	36	+1	20	+1	50	+17	0	0	1	—
	KHARTOUM	1009.1	−0.7	−2.6	—	0	0	25.8	+0.4	+2.1	37	+3	22	+2	39	+6	0	16	5	—
EAST SUDAN	PORT SUDAN	1011.4	−1.3	−2.5	NW	2	2	28.5	+0.7	+1.3	31	0	24	+1	78	+10	3	36	41	2
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1005.8	+0.2	−4.4	NW	2	0	27.0	+0.5	+2.2	38	+1	19	+1	26	−25	0	67	35	—
SOUTH SUDAN	EL FASHER	1009.1	−2.4	—	WSW	1	0	22.0	0.0	+1.9	37	+3	13	0	29	−3	0	0	8	—
	EL OBEID																			—
	MALAKAL	1007.5	−0.4	−3.4	N	1	0	29.0	+1.0	+3.1	38	+3	20	+1	37	−11	0	92	88	—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C — PRESS. Mm Mb

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Kms. per hour	Direction
500	25	NNW
1000	25	N
1500	25	N
2000	35	NW
3000	50	NW

General Situation

Western Egypt is an area of high pressure, but the pressure continues to weaken. Egypt is under the influence of a depression over Syria, and there is also low pressure near the Gulf of Akaba. A shallow depression is centred over the Aegean.

الحالة العمومية

هناك ارتفاع فوق غرب مصر ولكن الضغط لا يزال يهبط - ويوجد انخفاض فوق سوريا يؤثر على طقس مصر وهناك انخفاض آخر بالقرب من خليج العقبة وآخر قريب الفوز فوق بحر ايجه.

Forecast for 24 hours from noon to-day.

Light to moderate northwesterly winds.
Some medium cloud.
Possibility of light rain in the north.
Cooler; temperature slightly below normal.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية غربية بين الخفيفة والمعتدلة - يظهر بعض السحب المتوسط الارتفاع - يحتمل تساقط مطر خفيف في الشمال - الطقس أميل للبرودة ودرجة الحرارة دون المعدل قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	66	+1	17.6	+2.1
Ezbekiya	78	+10	16.2	+0.1
Giza	76	+3	16.1	—
Helwan	67	+10	15.9	+2.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
19. 11	2643	1097
18. 11	2748	1101

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	18.11	13.52	−0.15	13.54	−0.14
Nasser	18.11	10.45	+0.20	10.47	+0.19
Malakal	18.11	12.27	+0.03	12.27	+0.03
Roseires	19.11	13.90	+0.10	13.93	+0.08
Sennar Res.	18.11	19.60	—	19.51	—
Makwar	18.11	6.04	−1.16	6.21	−1.04
Khartoum	19.11	12.00	−0.40	12.00	−0.44
Kh. el Girba					
Atbara	19.11	11.30	−0.25	11.36	−0.22
Wadi Halfa	19.11	3.73	−0.13	3.81	−0.09
Aswan Res.	19.11	97.32	—	97.34	—
" D.S.	19.11	88.17	+0.26	88.24	+0.29
El Leithi	19.11	20.93	+0.48	21.22	+0.55
Roda (Cairo)	19.11	17.30	+0.30	17.37	+0.32

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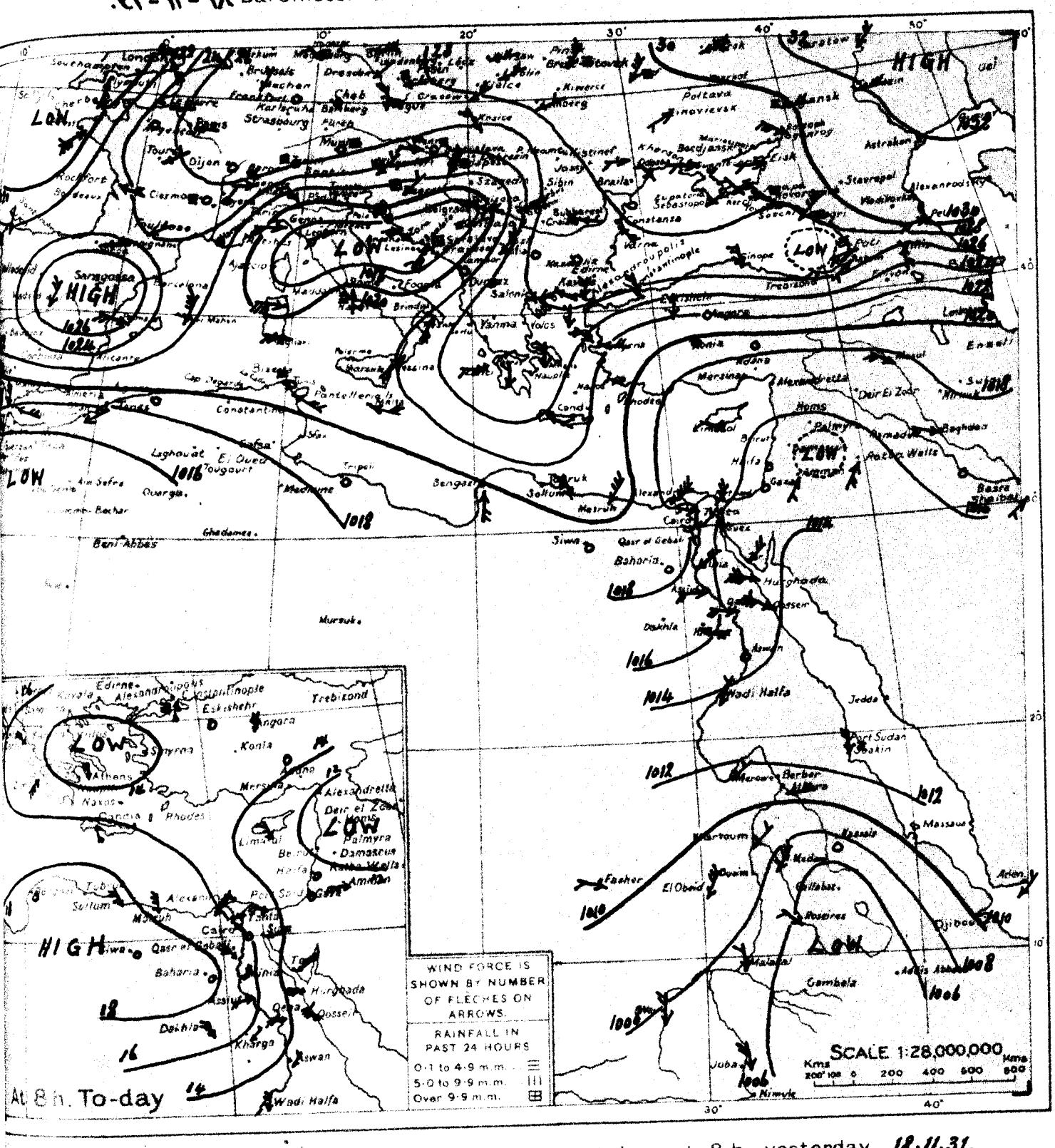
PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-١٨ Barometer and Wind at 8 h. Yesterday 18.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-١٨ From Observations taken at 8 h. yesterday. 18.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1020.8	−1.6	+7.3	S	1	4	15	+3	—	17	—	13	—	90	—	rain	—	184	—
	MALTA	1021.7	+1.4	+3.4	ESE	2	4	19	+1	—	21	+1	18	+4	80	—	0	72	114	2
	ATHENS	1024.4	+2.7	+7.2	N	2	2	12	0	—	—	—	—	—	80	—	—	—	82	—
	CANDIA									—					—	—				
	LIMASSOL	1016.3	−1.7	−0.5	WNW	1	1	19	0		26	+4	13	+2	—	—	0	8	60	1
EGYPT and SUDAN	Kassala	1006.7	−1.5	−3.7	—	0	0	28.0	+1.0	+0.5	36	−1	22	+1	54	+4	0	8	11	—
	Wad Medani	1007.4	−1.2	−3.7	NE	3	0	29.0	+0.8	+3.2	39	+2	21	+1	42	+9	0	11	13	—
	El Obeid	1009.1	−1.9	−3.8	NNE	3	0	27.0	0.0	+2.9	36	+2	18	+2	31	−3	0	9	19	—
	Juba	1007.1	−3.1	—	NNW	2	1	28.5	+1.0	—	35	—	20	—	69	—	0	124	116	—

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 06 25

" " sunset 16 57

From Observations taken at 8h. to-day.

Friday 20th November, 1931 ١٩٣١ الجمعة ٢٠ نوفمبر

	STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Maximum yesterday	Diff from normal	Minimum	Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct. last year	Rainfall Normal to 20th Oct. inclusive	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	SOLLUM	1017.5	−1.6	−1.0	W	3	0	12.3	−1.0		22		11		97		0	1	—	1
	MATRUH	1017.0	−0.4	−0.8	WNW	2	3	14.8	−5.2	−2.7	22	−1	13	−1	91	+15	0	12	32	3
	ALEXANDRIA	1016.6	+0.2	−1.4	SW	1	2	18.0	−1.8	−1.3	25	+1	15	0	75	+5	0	5	26	1
	PORT SAID	1016.2	+1.5	−0.3	WNW	2	0	20.0	+0.6	−0.1	26	+2	17	+1	75	+2	0	8	10	1
	GAZA	—	—	—	SW	2	0	15.7	−0.6	−2.6	23	−2	12	−1	84	+12	0	26	30	
	HAIFA	1012.7	+1.1	−3.3	—	0	0	22.5?	+2.9	+2.8	25	0	15	+1	53?	−8	0	37	73	1
NILE DELTA	TANTA	1017.0	+1.1		S	1	0	13.5	−2.0		26		11		86		0	drops		
	EZBEKIYA	1017.0	+1.2	−1.0	—	0	8	14.3	−0.9	−1.4	25	0	12	−1	87	+7	0	6	3	
	GIZA	1017.1	+0.8	−1.2	—	0	0	13.7	−1.6	—	24	0	10	−1	96	—	0	4	3	
	HELWAN	1017.0	+0.7	−1.1	—	0	0	15.0	−0.9	−1.4	23	−1	13	−1	81	+11	0	6	3	
	SIWA	1016.3	−1.9	−2.3	—	0	0	12.1	−3.0	−2.2	25	0	8	−2	61	−6	0	drops	1	
RED SEA	SUEZ	1014.8	+0.2	−2.0	NE	2	0	17.8	0.0	−0.1	25	−1	14	−1	77	0	drops	drops	7	1
	TOR	1014.8	+2.0	−1.6	NE	4	0	17.6	−1.4	−1.3	25	0	12	−2	54	−10	0	0	3	0
	HURGHADA	1015.1	+2.7		WNW	5	0	20.4	−0.1		25		15		70		0	0		4
	QOSSEIR	1014.6	+1.3		W	4	0	22.5	−0.7		27		19		46		0	0		4
[illegible]	[illegible]	1017.9	—	−0.1	W	2	0	13.0	−5.0	−3.3	24	−1	10	−1	83	+6	0	0		
	[illegible]	1017.2	+0.5		N	3	0	15.5	−0.5	−0.8	23	−2	11	−1	89	+10				
	[illegible]	1017.2	+1.2	−0.6	W	2	0	14.9	−1.1	−1.1	24	−1	11	−1	80	+9	0	0		
	[illegible]	1015.6	+1.3		NW	2	0	15.7	−1.4	−2.3	30	+1	12	0	77	+17				
	[illegible]	1015.6	+0.8		NW	1	0	17.2	−2.2		26		12		74		0	0		
	[illegible]	1014.2	+1.1	−2.1	NNE	1	0	18.0	−1.5	−1.7	30	0	15	0	55	+6				
[illegible]	[illegible]	1012.6	−0.2	−3.8	NNE	1	0	18.4	−1.2	+0.2	31	+1	15	+2	52	+6				
	[illegible]	1010.7	+0.7	−3.7	NE	2	0	25.0	−1.5	+1.5	38	+4	21	+4	28	−6	0	0	1	
	[illegible]	—	—	—	NNE	2	0	25.5	−2.5	+0.5	36	+2	21	+2	29	−5	0	0	1	
	[illegible]	1009.6	+0.5	−2.2	NNE	2	0	24.9	−0.9	+1.3	37	+3	21	+2	32	−1	0	16	5	
	[illegible]	1012.7	+1.3	−1.2	N	3	3	27.8	−0.7	+0.7	32	+2	25	+2	80	+12	0	36	42	3
	[illegible]	1007.9	+0.3	−2.6	—	0	0	28.0	+0.5	+0.8	37	0	20	−1	42	−9	0	8	11	
	[illegible]	1007.4	+0.6	−3.9	NNW	2	0	29.2	+1.2	+3.7	38	+1	20	0	36	+2	0	11	13	
	[illegible]	1007.9	+2.1	−2.3	W	1	0	26.5	−0.5	+1.7	39	+2	19	+1	40	−11	0	67	35	
	[illegible]	1008.2	−0.9		NW	1	0	21.0	−1.0	+1.1	37	+3	13	+1	34	+2	0	0	8	
	[illegible]	1009.9	0.0	−3.2	NE	2	0	23.7	−3.3	−0.1	34	0	17	+2	31	−3	0	9	19	
	[illegible]	1007.4	−0.1	−3.5	—	0	0	28.0	−1.0	+2.1	37	+2	19	0	57	+10	0	92	88	
	[illegible]	1007.4	−1.2	−2.9	N	3	0	24.8	−2.2	−1.1	38	+3	20	+1	69	−1	0	177	139	
	[illegible]	1008.7	+0.4		NW	2	1	25.4	−0.4		36		19		65		0	124	118	

Special Observations

General Situation

حالة الجو

Forecast for 24 hours from noon to-day.

توقعات الطقس لمدة ٢٤ ساعة من ظهر يوم الغد

STATION	Humidity Mean of Day		Air Bulb Temperature Mean of Day	
	Yesterday	Diff from normal	Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	66	+1	16.7	+1.3
Ezbekiya	74	+6	15.9	0.0
Giza	77	+4	16.0	—
Helwan	69	+12	15.4	+1.8

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
20.11	2516	1105
19.11	2643	1097

GAUGE	Date	Reading	Diff from normal	Previous Reading	
	1931	m	m.	m	
Juba	20.11	13.53	−0.12	13.54	−0.12
Nasser	19.11	10.43	+0.21	10.45	+0.20
Malakal	20.11	12.27	+0.04	12.27	+0.04
Roseires	20.11	13.84	+0.09	13.90	+0.10
Sennar Res.	20.11	19.78	—	19.60	—
Makwar	20.11	5.45	−1.15	6.03	−1.12
Khartoum	20.11	11.96	−0.39	12.00	−0.40
Kh. el Girba					
Atbara	20.11	11.28	−0.25	11.30	−0.25
Wadi Halfa	20.11	3.67	−0.15	3.73	−0.13
Aswan Res.	20.11	97.42	—	97.32	—
" D.S.	20.11	88.05	+0.19	88.17	+0.26
El Leithi	20.11	20.78	+0.38	20.93	+0.48
Roda (Cairo)	20.11	17.17	+0.24	17.30	+0.30

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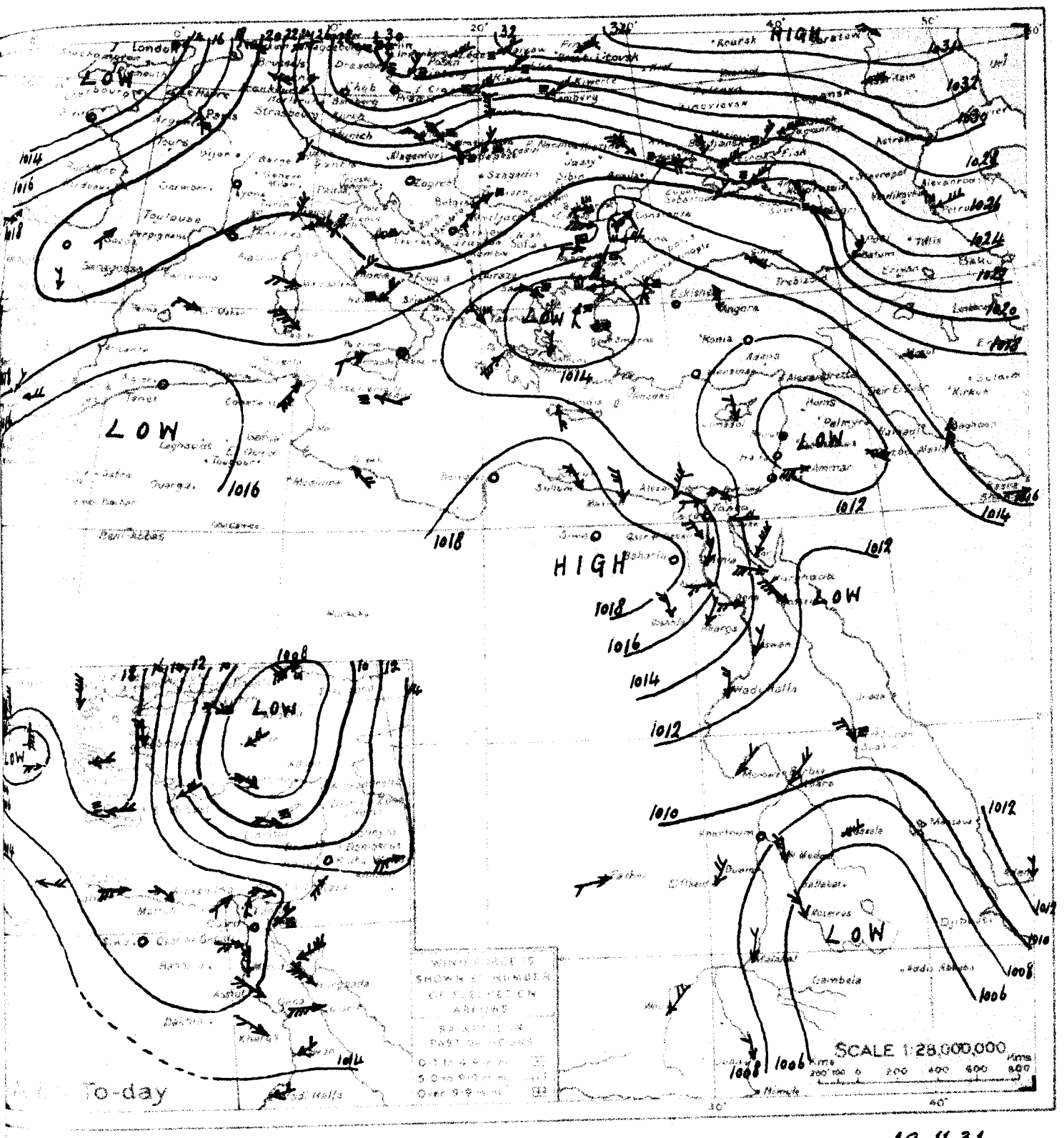
PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-١٩ Barometer and Wind at 8 h. Yesterday 19.11.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-١٩ From Observations taken at 8 h. yesterday. 19.11.31.

STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
	m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1018.6	-2.2	+5.1	ENE	2	0	10	-5	—	18	—	8	—	90	—	—	—	188	—
MALTA	1017.2	-4.5	-1.1	ESE	1	0	18	-1	—	22	+2	16	+2	90	—	trace	72	117	1
ATHENS	1013.4	-11.2	-4.0	N	1	4	13	+1	—	—	—	—	—	90	—	—	—	85	—
CANDIA									—					—	—				
LIMASSOL	1012.7	-3.6	-4.3	NNW	1	0	19	0		24	+2	10	-1	—	—	0	8	63	1
Merowe	1010.0	-1.0	-4.2	NE	1	0	26.5	+0.5	+2.9	38	+3	20	+2	25	-9	0	0	1	—
Kassala	1007.6	+0.9	-2.8	E	1	0	27.5	-0.5	+0.1	37	0	22	+1	57	+7	0	8	11	—
Wad Medani	1006.8	-0.6	-4.4	N	3	0	28.0	-1.0	+2.3	39	+2	21	+1	37	+4	0	11	13	—
El Obeid	1009.9	+0.8	-3.1	NNE	2	0	27.0	0.0	+3.0	37	+3	17	+2	30	-4	0	9	19	—
Wau	1008.6	+1.1	-1.7	NE	2	0	27.0	-0.4	+1.1	38	+3	20	+1	60	-11	0	177	132	—
Juba	1008.3	+1.2	—	NNW	1	1	25.8	-0.7	—	37	—	19	—	68	—	0	124	117	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 26

" sunset 16 56

From Observations taken at 8h. to-day.

Saturday 21 st November, 1931 ١٩٣١ السبت ٢١ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1018.8	-0.7	-1.7	SSE	2	1	15.4	+3.1	—	23	—	15	—	85	—	0	1	—	3
	MATRUH	1016.6	-0.4	-1.2	NNE	2	4	19.1	+4.3	+1.8	21	-2	14	0	82	+6	0	12	33	2
	ALEXANDRIA	1017.8	+1.2	-0.3	SE	2	3	21.0	+3.0	+1.9	25	+1	18	+3	72	+2	0	5	27	1
	PORT SAID	1017.1	+0.9	+0.5	NN	2	3	21.0	+1.0	+1.0	25	+1	18	+2	67	-6	0	8	10	2
	GAZA	—	—	—	—	0	1	16.3	+0.6	-1.9	24	0	14	+1	87	+15	6	32	31	—
	HAIFA	1014.4	+1.7	-1.6	SSW	1	2	21.6	-0.9	+2.1	26	+1	16	+2	50	-11	0	37	76	2
LOWER EGYPT	TANTA	1016.7	-0.3	—	NNW	1	4	16.4	+2.9	—	25	—	13	—	83	—	0	dr.	—	—
	CAIRO / EZBEKIYA	1016.0	-1.0	-2.1	NNE	1	3	16.7	+2.4	+1.1	25	0	14	+1	81	+1	0	6	3	—
	CAIRO / GIZA	1016.6	-0.5	-1.8	N	1	3	15.2	+1.5	—	25	+1	11	0	88	—	0	4	3	—
	CAIRO / HELWAN	1016.3	-0.7	-1.8	N	2	2	18.0	+2.0	+1.8	23	-1	15	+2	75	+5	0	6	3	—
	SIWA	1014.7	-1.6	-3.9	—	0	0	13.5	+1.4	-0.6	26	+1	8	-2	74	+7	0	dr.	1	—
RED SEA	SUEZ	1016.4	+1.6	-0.4	N	2	3	17.0	-0.8	-0.8	24	-1	15	0	80	+3	0	dr.	7	1
	TOR	~~1015.6~~ 1015.5	+0.8	-0.8	NE	3	0	16.2	-1.4	-2.5	24	-1	12	-1	66	+3	0	0	3	0
	HURGHADA	1017.6	+2.5	—	NNW	5	0	21.0	+0.6	—	25	—	13	—	65	—	0	0	—	2
	QOSSEIR	1015.4	+0.8	—	WNW	3	0	21.9	-0.6	—	26	—	18	—	63	—	0	0	—	3
UPPER EGYPT	GEBALI	1017.1	-0.8	-0.9	N	1	0	17.0	+4.0	+0.8	24	-1	13	+2	80	+3	0	0	—	—
	MINYA	1016.6	-0.6	—	NE	3	0	15.5	0.0	-0.6	24	-1	10	-2	63	-16	—	—	—	—
	ASYUT	1016.3	-0.9	-1.6	W	2	0	15.0	+0.1	-0.8	25	0	11	-1	76	+5	0	0	—	—
	QENA	1015.5	-0.1	—	NNE	2	0	17.4	+1.7	-0.4	29	0	11	-1	58	-2	—	—	—	—
	KHARGA	1013.9	-1.7	—	SE	1	0	17.9	+0.7	—	27	—	9	—	71	—	0	0	—	—
	ASWAN	1014.2	0.0	-2.2	—	0	0	19.0	+1.0	-0.4	30	0	17	+2	54	+5	—	—	—	—
NORTH SUDAN	WADI HALFA	1012.0	-0.6	-4.5	NNE	1	0	19.6	+1.2	+1.7	31	+1	16	+3	42	-5	—	—	—	—
	MEROWE	1010.2	-0.5	-4.3	NE	2	0	27.5	+2.5	+4.2	38	+4	21	+4	41	+7	0	0	1	—
	ATBARA																			—
	KHARTOUM	1010.2	+0.6	-1.7	—	0	0	25.0	+0.1	+1.5	37	+3	21	+2	33	0	0	16	5	—
EAST SUDAN	PORT SUDAN	1013.6	+0.9	-0.4	N	3	3	26.5	-1.3	-0.5	31	+1	24	+1	82	+14	10	46	44	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1008.0	+0.1	-2.3	NW	1	0	26.5	0.0	+1.8	38	+1	18	0	40	-11	0	67	35	—
SOUTH SUDAN	EL FASHER	1008.7	+0.5	—	WNW	1	0	21.5	+0.5	+1.7	37	+3	17	+5	32	0	0	0	8	—
	EL OBEID																			—
	MALAKAL	1009.3	+1.9	-1.6	—	0	1	28.9	+0.9	+3.0	36	+1	22	+3	33	-13	0	92	89	—
	WAU	1008.2	+0.8	-2.2	NNE	3	1	23.0	-1.8	-2.9	37	+2	19	0	70	0	0	177	140	—
	JUBA			—						—		—		—		—				—

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Kms. an hour	Direction
500	35	N
1000	20	NW
1500	20	NW
2000	15	SE
3000	30	SE

General Situation

High pressure extends from central Europe across Greece towards Egypt. A shallow depression over Syria is moving east. A depression is situated south of Malta and pressure over Western Egypt is falling.

الحالة العمومية

يمتد الضغط العالى من اواسط اوروبا على اليونان الى مصر ويوجد انخفاض ضحل على الشام يتحرك الى الشرق ويوجد انخفاض جنوب مالطا والضغط فى غرب مصر فى الهبوط .

Forecast for 24 hours from noon to-day.

Light to moderate winds chiefly northeasterly. High cloud increasing. Becoming slightly warmer.

تغيرات المنظر حصولها فى الطقس من ظهر اليوم الى ظهر الغد

رياح ما بين الخفيفة والمعتدلة على الاغلب شمالية شرقية . يكثر السحاب العالى ويدفأ الطقس قليلاً .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	74	+9	17.9	+2.6
Ezbekiya	78	+10	15.0	-0.8
Giza	84	+11	14.8	—
Helwan	67	+10	14.7	+1.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
20.11	2516	1105
19.11	2643	1097

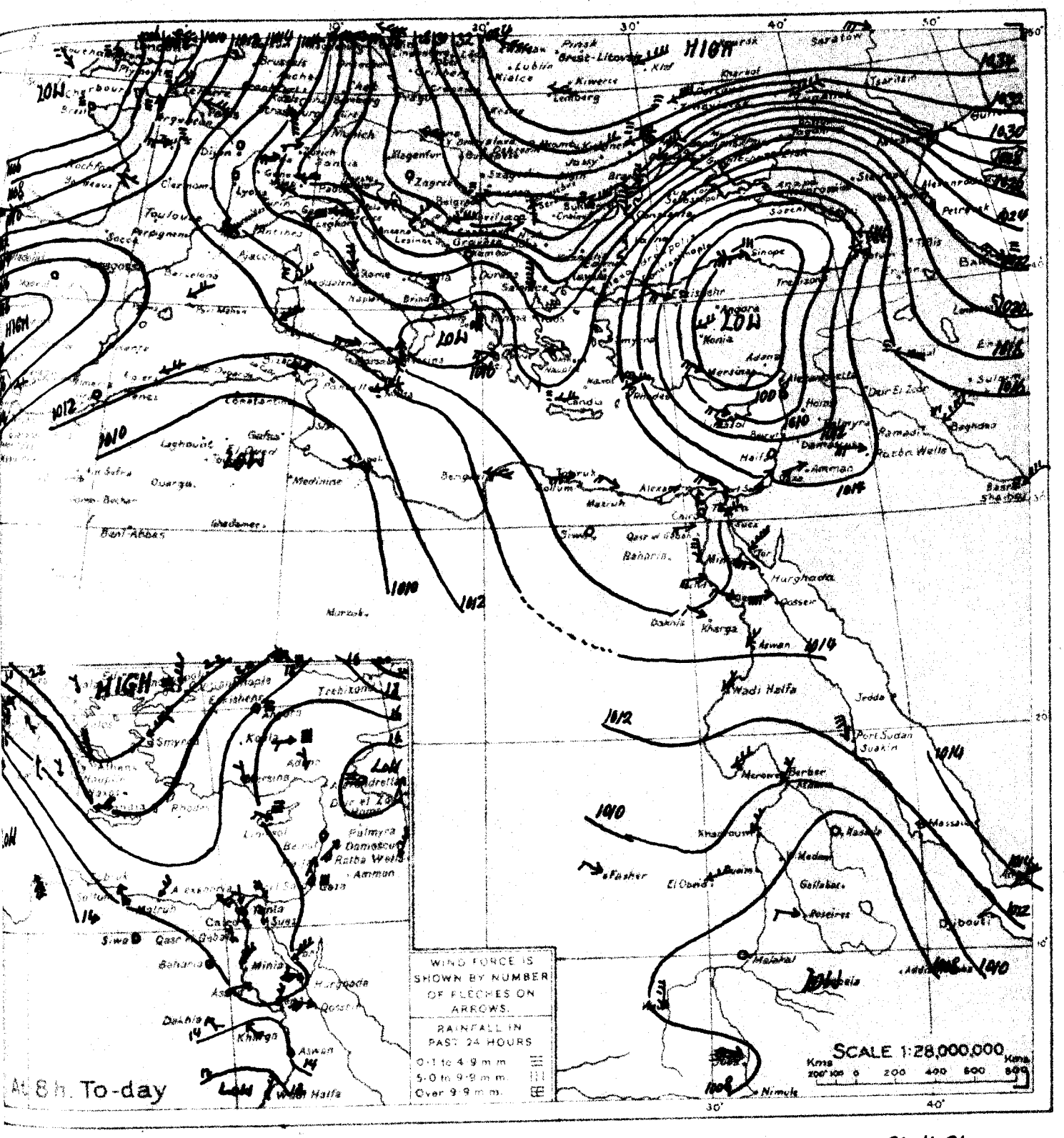
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	20.11	13.53	-0.12	13.54	-0.12
Nasser	19.11	10.43	+0.21	10.45	+0.20
Malakal	20.11	12.27	+0.04	12.27	+0.04
Roseires	21.11	13.80	+0.10	13.84	+0.09
Sennar Res.	20.11	19.78	—	19.60	—
Makwar	20.11	5.95	-1.15	6.03	-1.12
Khartoum	20.11	11.96	-0.39	12.00	-0.40
Kh. el Girba					
Atbara	20.11	11.28	-0.25	11.30	-0.25
Wadi Halfa	21.11	3.62	-0.18	3.67	-0.15
Aswan Res.	20.11	97.48	—	97.32	—
" D.S.	20.11	88.05	+0.17	88.17	+0.26
El Leithi	21.11	20.65	+0.32	20.78	+0.38
Roda (Cairo)	21.11	17.10	+0.25	17.17	+0.24

PRINTED AT THE SURVEY OF EGYPT 1930(20/556) 1930 (20/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١ - ١١ - ٢٠ Barometer and Wind at 8 h. Yesterday 20.11.31



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١ - ١١ - ٢٠ From Observations taken at 8 h. yesterday. 20.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.4	-0.2	+4.8	N	2	4	10	0	—	16	—	9	—	60	—	—	—	191	—
	MALTA	1012.9	-4.3	-5.3	ENE	5	4	19	+1	—	23	+3	18	+4	80	—	0	72	119	3
	ATHENS	1019.1	+5.7	+1.7	E	1	3	10	-3	—	—	—	—	—	50	—	—	—	87	—
	CANDIA									—					—	—				
	LIMASSOL	1009.9	-2.8	-7.1	WNW	2	2	19	0		25	+3	13	+2	—	—	2	10	65	3
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 6 27

" " sunset 16 56

From Observations taken at 8h. to-day.

Sunday 22nd November, 1931 ١٩٣١ الأحد ٢٢ نوفمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
								°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1018.0	+7.2	−0.5	SSE	3	1	16.3	+0.9	—	23	—	15	—	89	—	0	1	—	4
	MATRUH	1017.9	+1.3	0.0	ESE	3	2	18.8	−0.3	+1.7	22	−1	16	+3	77	+1	0	12	33	2
	ALEXANDRIA	1017.9	+0.1	−0.2	SE	1	3	17.8	−3.2	−1.2	26	+2	18	+3	88	+18	0	5	28	1
	PORT SAID	1017.5	+0.4	+0.9	ESE	2	2	20.3	−0.7	+0.5	24	+1	19	+3	79	+6	0	8	11	2
	GAZA																			
	HAIFA	1017.4	+3.0	+1.4	—	0	0	18.9	−2.7	−0.5	24	−1	14	0	57	−4	0	37	79	2
LOWER EGYPT	TANTA	1017.4	+0.7	—	N	1	4	14.8	−1.6	—	25	—	13	—	87	—	0	drops	—	—
	CAIRO EZBEKIYA	1016.7	+0.7	−1.4	N	3	1	14.7	−2.0	−0.8	27	+3	13	0	87	+7	0	6	3	—
	GIZA	1016.7	+0.1	−1.8	NW	1	2	15.1	−0.1	—	26	+2	12	+1	90	—	0	4	3	—
	HELWAN	1015.9	−0.4	−2.2	E	1	1	18.7	+0.7	+2.7	28	+5	16	+3	60	−10	0	6	3	—
	SIWA	1014.4	−0.3	−4.3	E	2	3	15.1	+1.6	+1.2	26	+1	8	−1	76	+9	0	drops	1	—
RED SEA	SUEZ	1015.8	−0.6	−1.1	NW	2	1	16.8	−0.2	−0.8	26	+1	14	−1	76	−1	0	drops	7	1
	TOR	1014.7	−0.9	−1.8	NE	3	1	15.3	−0.9	−3.2	25	0	10	−3	53	−10	0	0	4	4
	HURGHADA	1013.9	−3.7	—	NW	5	1	21.0	0.0	—	26	—	14	—	57	—	0	0	—	2
	QOSSEIR	1014.6	−0.8	—	W	2	0	23.4	+1.5	—	26	—	19	—	60	—	0	0	—	2
UPPER EGYPT	GEBALI	1016.8	−0.3	−1.3	NE	1	0	16.2	−0.8	+0.2	28	+3	13	+2	85	+8	0	0	—	—
	MINYA	1016.7	+0.1	—	N	3	0	14.0	−1.5	−2.0	27	+3	9	−3	84	+5	—	—	—	—
	ASYUT	1015.9	−0.4	−2.1	W	2	0	16.1	+1.1	+0.5	29	+4	12	0	66	−5	0	0	—	—
	QENA	1014.7	−0.8	—	NNW	1	1	20.0	+2.6	+2.4	31	+2	14	+2	57	−3	—	—	—	—
	KHARGA																			—
	ASWAN	1013.4	−0.8	−3.1	—	0	0	22.2	+3.2	+3.0	33	+3	19	+4	64	+15	—	—	—	—
UPPER SUDAN	WADI HALFA	1012.0	0.0	−4.6	—	0	0	22.2	+2.6	+4.6	34	+4	17	+4	46	−1	—	—	—	—
	MEROWE																			—
	ATBARA	—	—	—	E	3	0	27.0	−1.0	+2.2	38	+4	21	+3	46	+11	0	0	1	—
	KHARTOUM	1009.5	−0.7	−2.5	NE	1	0	26.2	+1.2	+2.9	37	+3	22	+3	40	+7	0	16	5	—
CENTRAL SUDAN	KOSTI SUDAN	1014.0	+0.4	0.0	N	2	1	27.9	+1.4	+1.0	30	0	25	+2	81	+13	0	46	46	2
	KASSALA																			—
	WAD MEDANI																			—
EASTERN SUDAN	ROSEIRES	1005.9	−2.1	−4.5	NNW	2	1	25.5	−1.0	+0.9	38	+1	19	+1	45	−5	0	67	35	—
	EL FASHER	1009.5	+0.8	—	WNW	1	0	21.5	0.0	+1.9	36	+2	14	+2	35	+3	0	0	8	—
	EL OBEID																			—
	MALAKAL	1009.0	−0.3	−1.9	—	0	3	27.7	−1.2	+1.9	36	+1	21	+3	50	+5	0	92	89	—
	WAU	1008.2	0.0	−2.2	NW	3	2	22.4	−0.6	−3.5	37	+2	18	−1	71	+1	0	177	140	—
	JUBA																			—

Upper Wind Observations at Helwan at 8.30 a. m.

Height in metres	Velocity per hour	Direction
500	20	E
1000	15	E
1500	10	ENE
2000	5	W
3000	10	W

General Situation

The wedge of high pressure extending from central Europe to Egypt has strengthened. The depression near Malta is stationary and is filling up. Pressure over Upper Egypt has fallen, and there appear to be shallow depressions Southwest of Siwa and near the Gulf of Akaba.

الحالة الجوية

قد ازداد نتوء الارتفاع الممتد من اواسط اوروبا الى مصر ولا يزال الانخفاض الذي بالقرب من مالطه رابطا وهو آخذ في الامتلاء وقد هبط الضغط فوق مصر العليا ويظهر ان هناك انخفاض قريب الغور بالجنوب الغربي من سيوه وآخر بالقرب من خليج العقبه.

Forecast for 24 hours from noon to-day.

Moderate northeast winds, fresh at times inland. Occasional high cloud. Temperature remaining slightly above normal.

تنبؤات الطقس حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة شمالية شرقية تشتد نوعا احيانا في الداخل. يظهر بعض السحاب العالي احيانا. تسير درجة الحرارة فوق المعدل قليلا.

STATION	Humidity Mean of Day: Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	71	+6	18.0	+2.8
Ezbekiya	70	+1	16.4	+0.7
Giza	73	0	16.1	—
Helwan	64	+6	15.5	+2.2

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
22.11	2229	1101
21.11	2338	1103

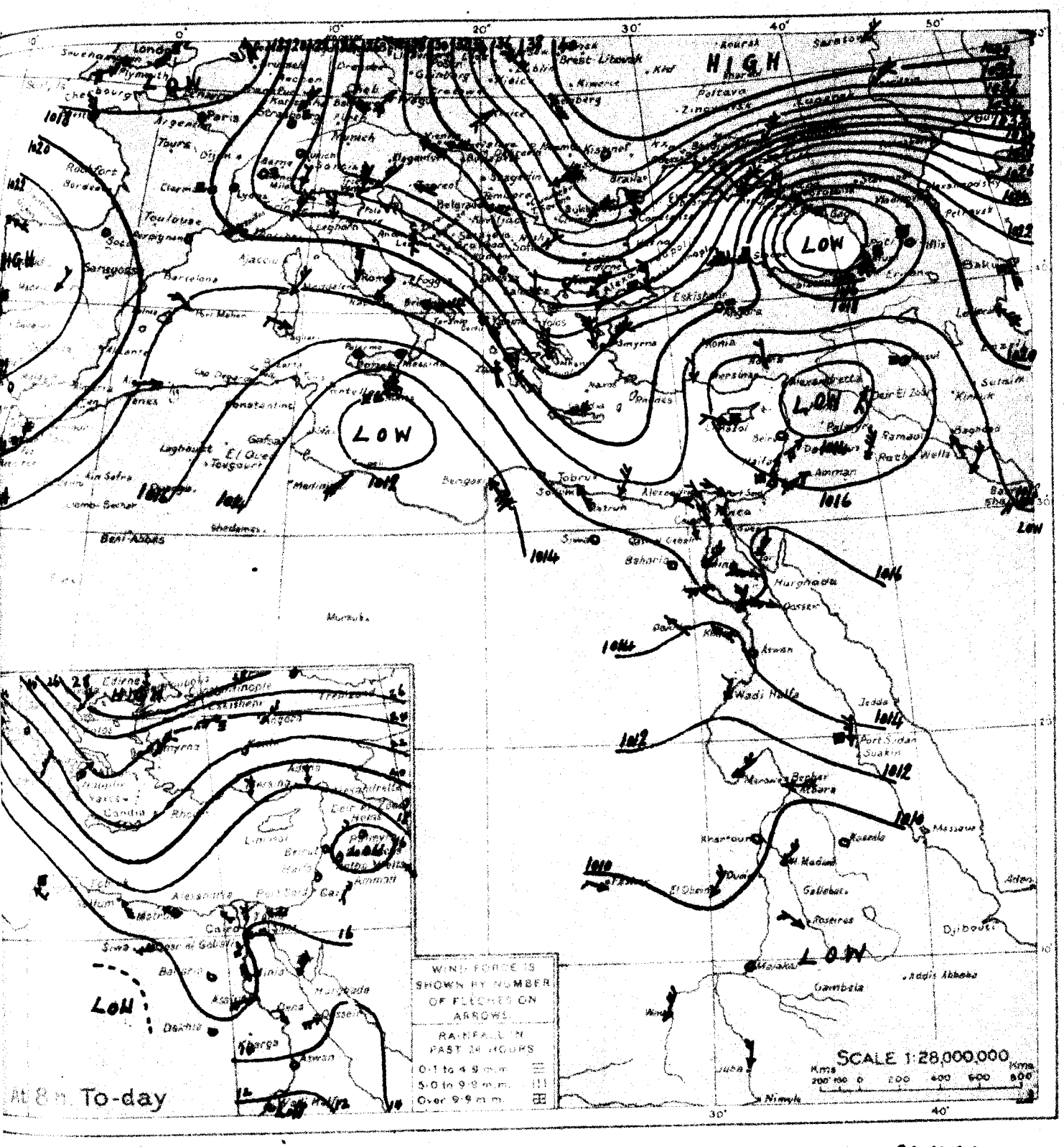
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	21.11	13.53	−0.11	13.53	−0.12
Nasser	21.11	10.38	+0.24	10.40	+0.21
Malakal	21.11	12.27	+0.04	12.27	+0.04
Roseires	22.11	13.75	+0.09	13.70	+0.10
Sennar Res.	21.11	19.57	—	19.71	—
Makwar	21.11	6.00	−1.05	5.95	−1.15
Khartoum	22.11	11.90	−0.38	11.93	−0.39
Kh. el Girba					
Atbara	22.11	11.20	−0.28	11.22	−0.28
Wadi Halfa	22.11	3.58	−0.17	3.62	−0.18
Aswan Res.	22.11	98.01	—	97.65	—
" D.S.	22.11	87.75	−0.03	87.90	+0.09
El Leithi	22.11	90.50	−0.25	90.85	+0.32
Roda (Cairo)	22.11	16.96	+0.16	16.10	+0.25

PRINTED AT THE SURVEY OF EGYPT 1820(20/556) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.21-11-31 Barometer and Wind at 8 h. Yesterday 21.11.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.21-11-31 From Observations taken at 8 h yesterday. 21.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.8	+0.4	+5.2	NNE	3	0	7	-3	—	12	—	6	—	80	—	—	—	195	—
	MALTA	1010.7	-2.2	-7.5	NE	6	4	18	-1	—	19	-1	15	+1	80	—	3	75	122	4
	ATHENS	1022.3	+3.2	+4.9	N	4	4	9	-1	—	—	—	8	-2	70	—	—	—	89	—
	CANDIA									—						—				
	LIMASSOL	1014.7	+4.8	-2.3	WNW	1	3	13	-6		22	0	8	-3	—	—	trace	10	67	3
EGYPT and SUDAN	Atbara	—	—	—	E	2	0	28.0	+2.5	+3.1	36	+2	21	+3	50	+16	0	0	1	—
	Kassala	1008.3	+0.4	-2.3	—	0	0	27.5	-0.5	+0.4	39	+2	23	+2	57	+6	0	8	11	—
	Wad Medani	1009.1	+1.7	-2.3	NE	2	0	27.0	-2.2	+1.6	38	+1	20	+1	38	+4	0	11	15	—
	El Obeid	1010.2	+0.3	-3.0	NE	2	1	25.0	+1.3	+1.3	35	+2	15	0	22	-6	0	9	19	—
	Juba	1009.0	+0.3	—	N	2	2	26.8	+1.4	—	36	—	20	—	65	—	0	124	119	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WI

CAIRO, to-morrow

Time of sunrise 06 28

" " sunset 16 56

From Observations taken at 8h. to-day.

Monday 23rd November, 1931 ١٩٣١ الاثنين ٢٣ نوفمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
								°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1017.4	−0.6	−1.1	SSE	1	0	17.0	+0.7	—	22	—	14	—	90	—	0	1	—	2
	MATRUH	1016.8	−1.1	−1.1	ESE	2	0	15.3	−3.5	−1.6	21	−1	13	−1	92	+17	0	12	34	1
	ALEXANDRIA	1016.7	−1.2	−1.5	SE	1	1	20.9	+3.1	+2.0	26	+2	17	+2	72	+1	0	5	29	1
	PORT SAID	1015.5	−2.0	−1.2	ENE	3	0	21.0	+0.7	+1.4	24	+1	19	+3	66	−7	0	8	11	3
	GAZA	—	—	—	—	0	0	14.9	+1.8	−3.0	22	−2	—	—	86	+14	0	32	33	—
	HAIFA	1014.8	−2.6	−1.3	—	0	0	19.2	+0.3	0.0	23	−1	13	−1	58	−4	0	37	82	1
LOWER EGYPT	TANTA	1015.9	−1.5		NNW	1	0	16.2	+1.4	—	26	—	13	—	85	—	0	drops	—	—
	CAIRO EZBEKIYA	1015.4	−1.3	−2.8	NNE	1	0	15.3	+0.6	0.0	27	+3	13	0	87	+7	0	6	3	—
	GIZA	1015.4	−1.3	−3.1	NNW	1	0	15.0	−0.1	—	26	+2	12	+1	92	—	0	4	3	—
	HELWAN	1013.8	−2.1	−4.4	NE	6	0	18.1	−0.6	+2.2	27	+4	16	+3	78	+8	0	2	3	—
	SIWA	1015.1	+0.7	−3.6	—	0	0	12.4	−2.7	−1.3	25	+1	8	−1	64	−4	0	drops	1	—
RED SEA	SUEZ	1014.2	−1.6	−2.8	N	2	0	16.8	0.0	−0.7	26	+1	14	−1	72	−5	0	drops	7	1
	TOR	1013.5	−1.2	−3.1	NE	2	2	18.9	+3.6	+0.6	25	0	13	0	52	−11	0	0	4	4
	HURGHADA	1012.8	−1.1	—	WNW	3	1	20.6	−0.4	—	26	—	15	—	51	—	0	0	—	2
	QOSSEIR	1012.4	−2.2	—	NNW	3	1	23.0	−0.4	—	27	—	20	—	59	—	0	0	—	2
UPPER EGYPT	GEBALI	1016.2	−0.6	−1.9	N	3	0	17.6	+1.4	+1.8	27	+2	14	+3	79	+1	0	0	—	—
	MINYA	1015.0	−1.7		WSW	1	3	15.0	+1.0	−0.8	27	+3	11	−1	84	+5	—	—	—	—
	ASYUT	1015.5	−0.4	−2.6	WNW	2	3	14.5	−1.6	−0.9	30	+5	13	+2	73	+2	0	0	—	—
	QENA	1013.8	−0.9	—	WNW	2	3	20.1	+0.1	+2.8	33	+5	11	−1	57	−3	—	—	—	—
	KHARGA	1012.3	−1.6		—	0	2	15.9	−1.7	—	31	—	12	—	62	—	0	0	—	—
	ASWAN	1012.7	−0.7	−3.9	—	0	3	21.9	−0.3	+2.9	34	+4	18	+4	50	0	—	—	—	—
NORTH SUDAN	WADI HALFA	1011.0	−1.0	−5.9	—	0	2	22.0	−0.2	+4.6	35	+6	18	+5	49	+1	—	—	—	—
	MEROWE	1009.6	−0.3	−5.2	NE	1	0	27.5	+0.5	+4.6	40	+6	23	+6	35	0	0	0	1	—
	ATBARA	—	—	—	E	2	0	27.5	+0.5	+2.9	37	+3	21	+3	49	+14	0	0	1	—
	KHARTOUM	1009.3	−0.2	−2.8	NNE	1	0	25.9	−0.3	+2.8	39	+5	23	+4	40	+6	0	16	5	—
CENTRAL SUDAN	PORT SUDAN	1010.5	−4.0	−4.1	N	2	1	29.5	+1.6	+2.7	31	+1	25	+2	68	0	0	46	47	2
	KASSALA	1008.3	−0.4	−2.5	—	0	0	29.0	0.0	+2.2	37	0	22	+2	46	−6	0	8	11	—
	WAD MEDANI	1007.0	0.0	−4.6	E	2	2	28.5	+0.2	+3.2	40	+4	22	+3	51	+16	0	11	13	—
	ROSEIRES	1006.7	+0.8	−3.8	SW	1	2	28.0	+2.5	+3.5	40	+3	22	+4	57	+7	0	67	35	—
SOUTH SUDAN	EL FASHER	1009.8	+0.3		WNW	1	0	20.0	−1.5	+0.6	37	+4	13	+1	36	+4	0	0	8	—
	EL OBEID	1009.1	+0.5	−4.3	E	2	2	27.5	−0.2	+4.1	36	+3	19	+5	30	−4	0	9	19	—
	MALAKAL	1009.8	+0.8	−1.1	—	0	3	25.3	−2.4	−0.5	36	+1	22	+4	75	+31	0	92	90	—
	WAU	1007.9	−0.3	−2.6	SW	4	1	26.0	+3.6	+0.1	36	+1	20	+1	66	−4	0	177	141	—
	JUBA	1009.5	+0.5	—	W	2	3	25.0	0.0	—	34	—	21	—	72	—	0	124	122	—

Upper wind observations at Helwan at 8.30 a.m.

Height (Metres)	Km. per hour	Direction
500	20	ENE
1000	5	NNE
1500	10	NW
2000	15	WNW
3000		

General Situation

The wedge of high pressure extending from central Europe to Egypt is maintained.

The depression over the central Mediterranean continues to fill up.

The pressure over northern Red Sea is relatively low.

الحالة العامة

لا يزال نتوء الضغط العالي الممتد من اواسط اوروبا لمصر محافظا لكيانه — والانخفاض على اواسط البحر الابيض مستمر في الامتلاء — والضغط على الجزء الشمالي من البحر الاحمر منخفض انخفاضا نسبيا.

Forecast for 24 hours from noon to-day.

Moderate winds chiefly northeasterly.
Some medium cloud.
Little change in temperature.

توقعات الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة غالبا شمالية شرقية.
يظهر بعض السحاب المتوسط.
ولا تتغير الحرارة الا قليلا.

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	76	+11	16.9	+1.8
Ezbekiya	72	+3	15.5	0.0
Giza	76	+3	15.8	—
Helwan	54	−4	15.2	+2.0

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
22.11	2229	1101
21.11	2338	1103

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Diff. from normal m.
Juba	21.11	13.53	−0.11	13.53	−0.12
Nasser	22.11	10.35	−0.25	10.38	+0.24
Malakal	22.11	12.27	−0.05	12.24	+0.04
Roseires	23.11	13.71	−0.09	13.75	+0.09
Sennar Res.	22.11	19.95	—	19.84	—
Makwar	22.11	5.88	−1.12	6.09	−1.05
Khartoum	22.11	11.90	−0.38	11.92	−0.39
Kh. el Girba					
Atbara	22.11	11.20	−0.28	11.22	−0.28
Wadi Halfa	23.11	3.52	−0.19	3.58	−0.17
Aswan Res.	22.11	98.01	—	97.65	—
" D.S.	22.11	87.75	−0.03	87.90	+0.09
El Leithi	23.11	20.40	+0.20	20.50	+0.25
Roda (Cairo)	23.11	16.92	+0.17	17.02	+0.16

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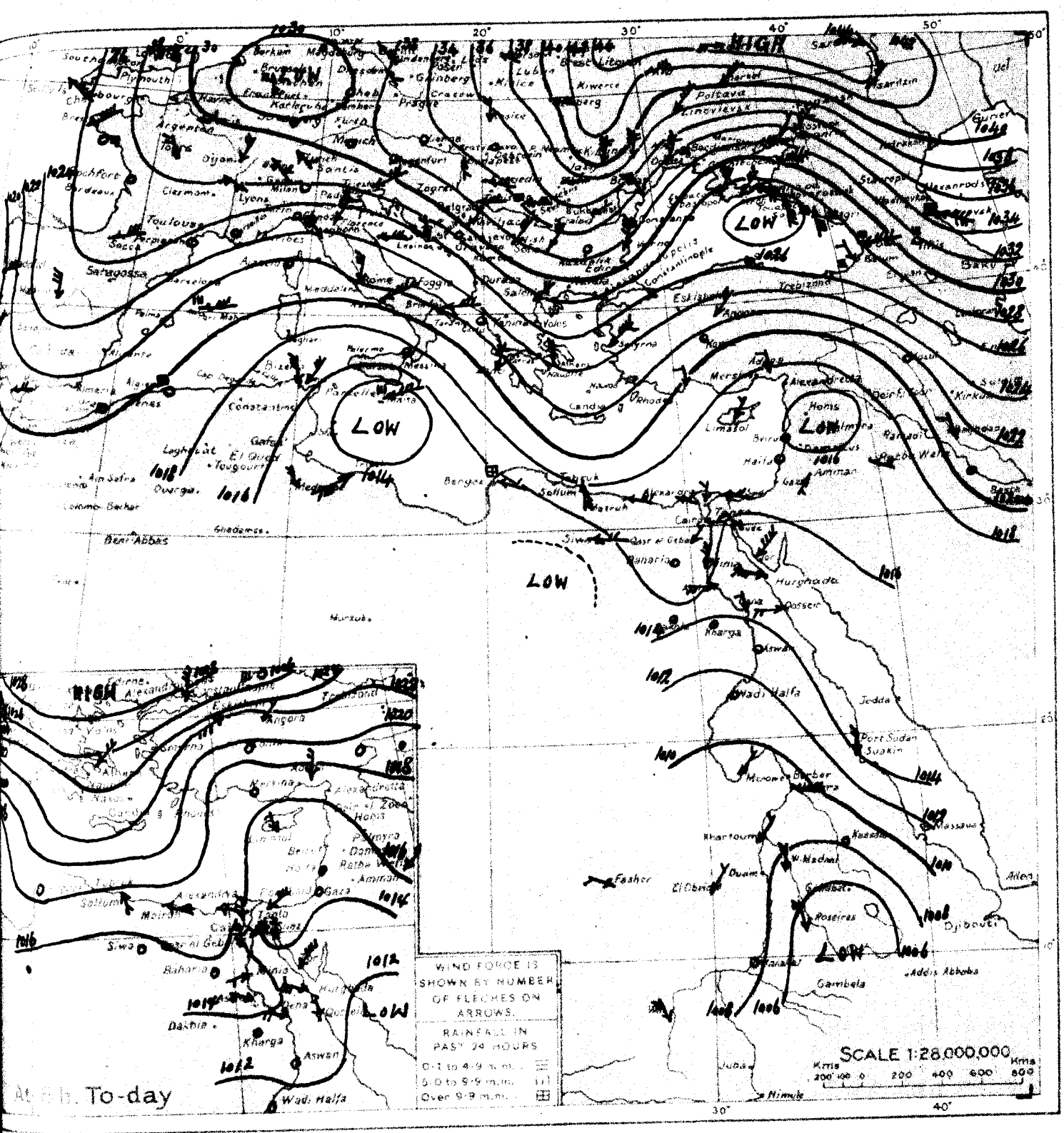
PHYSICAL DEPARTMENT.

REPORT.

.٢١-١١-CC Barometer and Wind at 8 h. Yesterday 22.11.31.



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١١-CC From Observations taken at 8 h. yesterday 22.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1022.6	+3.8	+8.8	NNE	3	3	4	-3	—	12	—	4	—	100	—	—	—	199	—
	MALTA	1012.6	+1.9	-5.6	ENE	4	5	17	-1	—	19	-1	15	+1	80	—	7	82	125	3
	ATHENS	1025.0	+2.7	+7.8	N	3	3	9	0	—	—	—	—	—	70	—	—	—	92	—
	CANDIA									—					—	—				
	LIMASSOL	1017.6	+2.9	+0.6	NNE	1	0	16	+3		19	-3	8	-3	—	—	0	10	69	4
EGYPT and SUDAN	Kharga خارجه	1013.9	0.0	—	—	0	2	17.6	-0.3	—	31	—	12	—	61	—	0	0	—	—
	Merowe مروى	1009.9	-0.3	-4.7	NE	1	0	27.0	-0.5	+3.9	39	+5	22	+5	34	0	0	0	1	—
	Kassala كسلا	1008.7	+0.4	-2.0	—	0	0	29.0	+1.5	+2.0	37	0	23	+3	52	+1	0	8	11	—
	Wad Medani ودمدنى	1007.0	-2.1	-4.5	N	2	0	28.3	+1.3	+3.0	39	+3	21	+2	44	+10	0	11	13	—
	El Obeid الابيض	1008.6	-1.6	-4.7	NE	1	0	27.7	+2.7	+4.1	36	+3	17	+2	22	-8	0	9	19	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 28m

" " sunset 16h 55m

From Observations taken at 8h. to-day.

Tuesday 24th November, 1931 — ١٩٣١ الثلاثاء ٢٤ نوفمبر

	STATION	Barometer: Reduced to Sea Level (m.b.)	Barometer: Change in past 24 hours (m.b.)	Barometer: Diff. from normal (m.b.)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal	Rainfall: Past 24 hours (m.m.)	Rainfall: Total from Oct. 1 to yesterday (m.m.)	Rainfall: Normal from Oct. 1 to yesterday (m.m.)	Sea
MEDITERRANEAN	SOLLUM	1019.2	+1.8	+0.7	NE	3	5	17.2	+0.2	—	23	—	15	—	80	—	8	9	—	4
	MATRUH	1017.9	+1.1	−0.1	NNE	2	3	18.8	+3.5	+2.0	23	+1	15	+2	76	+1	0	12	35	3
	ALEXANDRIA	1016.4	−0.3	−1.8	—	0	3	20.6	−0.3	+1.9	27	+3	16	+1	76	+5	0	5	31	0
	PORT SAID	1015.6	+0.1	−1.2	NNW	1	3	21.0	0.0	+1.6	25	+2	17	+1	66	−7	0	8	11	2
	GAZA	—	—	—	—	0	10	15.7	+0.8	−2.0	23	−1	—	—	83	+11	0	32	34	—
	HAIFA	1012.7	−2.1	−3.4	—	0	0	18.1	−1.1	−0.9	24	0	12	−2	63	+1	0	37	85	1
LOWER EGYPT	TANTA	1017.8	+1.9	—	NNW	1	3	14.0	−2.2	—	26	—	11	—	94	—	0	drops	—	—
	CAIRO: EZBEKIYA	1016.0	+0.6	−2.2	—	0	0	14.0	−1.3	−1.2	26	+2	13	+1	92	+12	0	6	4	—
	CAIRO: GIZA	1016.4	+1.0	−2.2	N	1	0	13.2	−1.8	—	25	+1	10	−1	98	—	0	4	4	—
	CAIRO: HELWAN	1016.2	+2.4	−2.0	NE	1	0	14.9	−3.2	−0.9	25	+2	14	+1	87	+17	0	6	3	—
	SIWA	1016.4	+1.3	−2.4	—	0	0	12.2	−0.2	−1.3	26	+2	8	−1	65	−3	0	drops	2	—
RED SEA	SUEZ	1014.0	−0.2	−3.1	N	2	0	16.0	−0.8	−1.3	25	0	14	0	84	+7	0	drops	7	1
	TOR	1013.0	−0.5	−3.6	NE	5	0	15.0	−3.9	−3.1	24	−1	11	−2	50	−13	0	0	4	0
	HURGHADA	1015.5?	+2.7	—	NNW	5	3	18.5	−2.1	—	27	—	14	—	64	—	0	0	—	2
	QOSSEIR	1012.8	+0.4	—	WNW	3	1	23.0	0.0	—	27	—	18	—	41	—	0	0	—	3
UPPER EGYPT	GEBALI	1016.7	+0.5	−1.5	N	1	0	15.5	−2.1	0.0	26	+2	12	+1	86	+8	0	0	—	—
	MINYA	1016.4	+1.4	—	N	3	3	14.5	−0.5	−1.1	25	+1	11	−1	95	+16	—	—	—	—
	ASYUT	1016.0	+0.5	−2.2	W	2	3	13.6	−0.9	−1.6	26	+1	12	+1	92	+21	0	0	—	—
	QENA	1014.6	+0.8	—	WNW	2	4	17.2	−2.9	+0.2	32	+4	14	+2	70	+9	—	—	—	—
	KHARGA	1013.4	+1.1	—	—	0	2	18.1?	+2.2	—	30	—	12	—	74	—	0	0	—	—
	ASWAN	1013.6	+0.9	−3.1	—	0	3	19.6	−2.3	+0.8	32	+3	17	+3	41	−9	—	—	—	—
NORTH SUDAN	WADI HALFA	1012.0	+1.0	−5.1	N	1	0	19.6	−2.4	+2.4	34	+5	16	+3	42	−6	—	—	—	—
	MEROWE	1010.7	+1.1	−4.2	NE	1	0	26.0	−1.5	+3.3	39	+5	22	+5	30	−5	0	0	1	—
	ATBARA	—	—	—	E	2	0	27.0	−0.5	+2.5	36	+2	22	+4	46	+11	0	0	1	—
	KHARTOUM	1009.4	+0.1	−2.8	N	1	0	26.6	+0.7	+3.6	37	+3	22	+3	39	+5	0	16	5	—
EAST SUDAN	PORT SUDAN	1011.4	+1.4	−2.8	NW	2	3	28.1	−1.4	+1.4	31	+1	25	+2	78	+10	0	46	49	2
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1006.2	−0.5	−4.3	SSE	1	0	27.5	−0.5	+3.1	38	+1	22	+5	60	+10	0	67	36	—
SOUTH SUDAN	EL FASHER	1010.0	+0.2	—	WNW	1	0	22.0	+2.0	+2.7	38	+5	15	+3	36	+4	0	0	8	—
	EL OBEID																			—
	MALAKAL	1008.4	−1.4	−2.5	—	0	1	27.2	+1.9	+1.5	34	−2	22	+4	68	+25	0	92	90	—
	WAU																			—
	JUBA																			—

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Kms an hour	Direction
500	20	NE
1000	30	N
1500	25	N
2000	25	NNW
3000		

General Situation

Pressure over Egypt is maintained but a depression has developed near Cyprus.

الحالة العمومية

لا يزال الضغط على مصر محافظا كيانه وقد تكون انخفاض بالقرب من جزيرة قبرص.

Forecast for 24 hours from noon to-day.

Winds between northeast and northwest, light to moderate inland, moderate to fresh on the coast.
Some medium cloud.
Possibility of rain on the coast.
Further outlook: Cooler and less settled.

تغيرات الطقس المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح ما بين الشمالية الشرقية والشمالية الغربية ما بين الخفيفة والمعتدلة في الداخل وما بين المعتدلة والشديدة نوعا على الساحل. يظهر بعض السحاب الوسط - ويحتمل الامطار على الساحل - واذا نظرنا بعيدا فان الطقس مستقر ويقل ثباته.

STATION	Humidity Mean of Day: Yesterday (%)	Humidity: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb: Diff. from normal (°C)
Alexandria	70	+5	18.1	+3.2
Ezbekiya	74	+5	15.8	+0.4
Giza	75	+2	16.2	—
Helwan	65	+7	15.7	+2.6

NOTE. A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.		
DATE	1931	1930
23.11	2101	1101
22.11	2229	1101

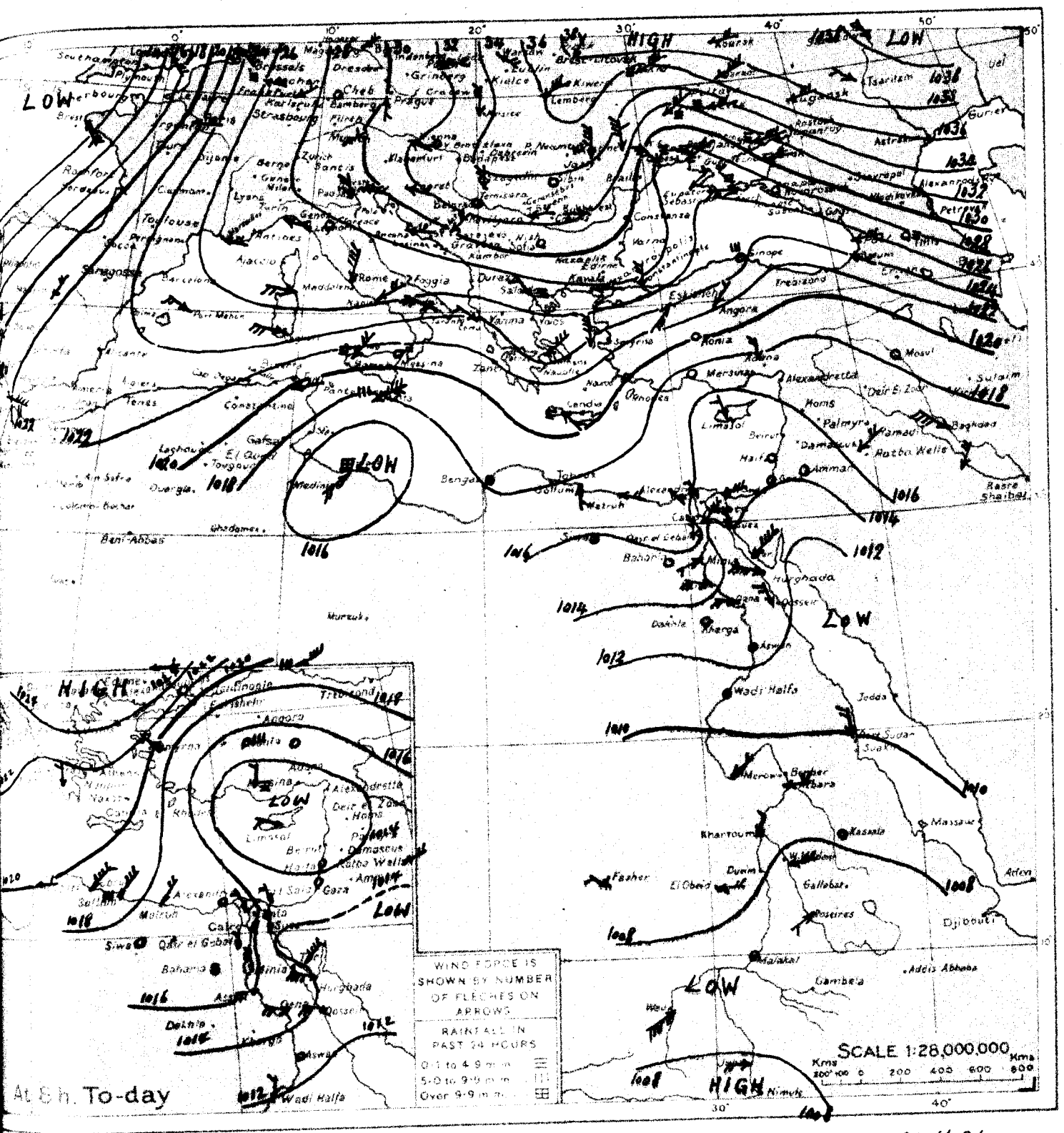
GAUGE	Date 1931	Reading (m.)	Diff. from normal (m.)	Previous day: Reading (m.)	Previous day: Diff. from normal (m.)
Juba	23.11	13.52	−0.10	13.32	−0.31
Nasser	23.11	10.32	+0.26	10.35	+0.25
Malakal	23.11	12.27	+0.05	12.27	+0.05
Roseires	24.11	13.67	+0.10	13.71	+0.09
Sennar Res.	23.11	20.05	—	19.45	—
Makwar	23.11	5.87	−1.08	5.88	−1.12
Khartoum	23.11	11.85	−0.40	11.90	−0.38
Kh. el Girba					
Atbara	23.11	11.18	−0.28	11.20	−0.28
Wadi Halfa	23.11	3.52	−0.19	3.58	−0.17
Aswan Res.	23.11	98.48	—	98.01	—
" D.S.	23.11	87.60	−0.12	87.75	−0.03
El Leithi	24.11	20.30	+0.17	20.40	+0.20
Roda (Cairo)	24.11	12.35	+0.15	12.32	+0.17

PRINTED AT THE SURVEY OF EGYPT 1929/30/31 1930 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-٣١ Barometer and Wind at 8 h. Yesterday 23.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-٣١ From Observations taken at 8 h. yesterday. 23.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1026.4	+3.8	+12.6	NNE	4	0	3	-1	—	16	—	3	—	80	—	—	—	203	—
	MALTA	1018.0	+5.4	0.0	ENE	6	4	17	0	—	19	0	14	0	80	—	6	88	127	4
	ATHENS	1024.2	-0.8	+7.0	NE	3	4	12	+3	—	—	—	—	—	70	—	—	—	94	—
	CANDIA									—					—	—				
	LIMASSOL	1015.6	-2.0	-1.5	NNW	1	0	17	+1		24	+3	9	-2	—	—	0	10	71	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 29m

" " sunset 16h 55m

From Observations taken at 8h. to-day.

Wednesday 25th November, 1931 ١٩٣١ الاربعاء ٢٥ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h	Humidity: Diff from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1020.8	+1.6	+2.4	WNW	3	3	12.3	-4.9	—	19	—	11	—	86	—	tr.	9	—	2
	MATRUH	1019.1	+1.2	+1.7	WNW	2	3	15.0	-3.8	-1.6	20	-2	14	+1	85	+10	1	13	35	3
	ALEXANDRIA	1018.3	+1.9	0.0	NNE	5	4	17.7	-2.9	-0.8	22	-1	16	+1	68	-3	0	5	32	2
	PORT SAID	1017.0	+1.4	+0.2	W	2	3	17.1	-3.9	-2.1	24	+1	15	0	73	0	dr.	8	12	3
	GAZA	—	—	—	SW	1	3	16.3	+0.6	-1.2	23	-1	—	—	80	+8	2	34	35	—
	HAIFA	1011.9	-0.8	-4.2	SSW	1	4	18.2	+0.1	-0.6	24	0	11	-2	64	+2	3	40	88	3
LOWER EGYPT	TANTA	1018.2	+0.4	—	—	0	4	13.5	-0.5	—	25	—	11	—	89	—	0	dr.	—	—
	CAIRO: EZBEKIYA	1018.4	+2.4	+0.1	S	2	3	14.0	0.0	-1.0	25	+1	12	0	81	+1	dr.	6	4	—
	CAIRO: GIZA	1018.8	+2.4	+0.1	—	0	3	14.0	+0.8	—	24	+1	10	-1	90	—	0	4	4	—
	CAIRO: HELWAN	1019.0	+2.8	+0.8	ENE	1	0	13.9	-1.0	-1.7	23	0	12	-1	67	-3	0	6	3	—
	SIWA	1020.3	+3.9	+1.5	—	0	0	13.9	+1.7	+0.6	26	+2	10	+1	77	+9	0	dr.	2	—
RED SEA	SUEZ	1017.9	+3.9	+0.7	E	1	0	16.5	+0.5	-0.7	23	-2	14	0	65	-12	0	dr.	7	0
	TOR	1015.1	+2.1	-1.6	NE	5	0	15.1	+0.1	-2.8	23	-2	14	+1	48	-15	0	0	4	5
	HURGHADA	1014.6	—	—	W	6	1	19.8	+1.3	—	26	—	15	—	75	—	0	0	—	4
	QOSSEIR	1015.6	+2.8	—	W	5	0	21.3	-1.7	—	26	—	18	—	41	—	0	0	—	5
UPPER EGYPT	GEBALI	1019.8	+3.1	+1.6	NW	1	0	14.0	-1.5	-1.2	24	0	12	+2	90	+12	0	0	—	—
	MINYA	1019.6	+3.2	—	NNW	3	1	14.2	-0.3	-1.2	24	0	10	-2	90	+11	—	—	—	—
	ASYUT	1019.5	+3.5	+1.2	WNW	2	2	15.2	+1.6	+0.2	24	-1	12	+1	85	+14	0	0	—	—
	QENA	1017.5	+2.9	—	WNW	2	2	16.0	-1.2	-0.8	[illegible]	-3	12	0	72	+11	—	—	—	—
	KHARGA	1018.0	+4.6	—	—	0	0	17.1	-1.0	—	28	—	12	—	79	—	0	0	—	—
	ASWAN	1017.1	+3.5	+0.3	N	1	1	18.0	-1.6	-0.6	31	+2	16	+2	44	-6	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.2	+3.2	-2.0	—	0	0	18.0	-1.6	+1.0	31	+2	14	+2	38	-10	—	—	—	—
	MEROWE	1013.5	+2.8	-1.5	NE	2	0	25.0	-1.0	+2.5	39	+5	20	+3	22	-13	0	0	1	—
	ATBARA	—	—	—	N	3	0	26.5	-0.5	+2.2	35	+1	22	+4	46	+10	0	0	1	—
	KHARTOUM	1011.8	+2.4	-0.5	NNE	3	0	25.6	-1.0	+2.8	37	+4	22	+3	38	+4	0	16	5	—
EAST SUDAN	PORT SUDAN	1012.0	+0.6	-2.2	N	2	1	28.7	+0.6	+2.1	32	+2	26	+3	71	+3	0	46	51	2
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1008.0	+1.8	-2.6	WNW	2	0	28.0	+0.5	+3.7	38	+1	21	+4	57	+7	0	67	36	—
CENTRAL SUDAN	EL FASHER	1010.6	+0.6	—	WNW	1	0	23.0	+1.0	+3.8	38	+5	16	+4	38	+6	0	0	8	—
	EL OBEID	1011.5	+3.1	-2.1	NE	2	1	27.0	-1.2	+3.9	36	+3	20	+6	29	-5	0	9	19	—
	MALAKAL	1011.8	+3.4	+0.9	—	0	3	26.8	-0.4	+1.1	36	0	22	+4	72	+29	0	92	90	—
	WAU																			—
	JUBA																			—

Upper Wind Observations at Heliopolis at 8 h. 30 m.

Height (Metres)	Kms. per hour	Direction
500	10	NE
1000	[illegible]	NNW
1500	[illegible]	NW
2000	40	W
3000		

General Situation

Pressure over Egypt has risen but the depression near the Syrian coast has deepened and a fairly steep gradient has developed over the eastern Mediterranean. A shallow depression is situated between Malta and Benghazi.

الحالة العامة

ارتفع الضغط على مصر ولكن الانخفاض بالقرب من الشام ازداد عمقاً ونتج تدرج حاد على شرق البحر الأبيض المتوسط ويوجد انخفاض ضئيل ما بين مالطة وبني غازي .

Forecast for 24 hours from noon to-day.

Winds chiefly northwest, light to moderate inland, moderate to fresh on the coast. Mainly overcast. Light scattered showers probable. Remaining cool.

تنبؤات الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية غربية في الغالب ما بين الخفيف والمعتدل في الداخل وما بين المعتدل والشديد نوعاً على الساحل. السماء ملبدة بالغيوم في الغالب وتمطر خفيفاً في أماكن متفرقة ويستمر الطقس بارداً.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	68	+3	16.4	+1.6
Ezbekiya	74	+5	15.1	-0.1
Giza	82	+9	15.3	—
Helwan	75	+17	14.8	+1.8

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
24.11	1922	1101
23.11	2101	1101

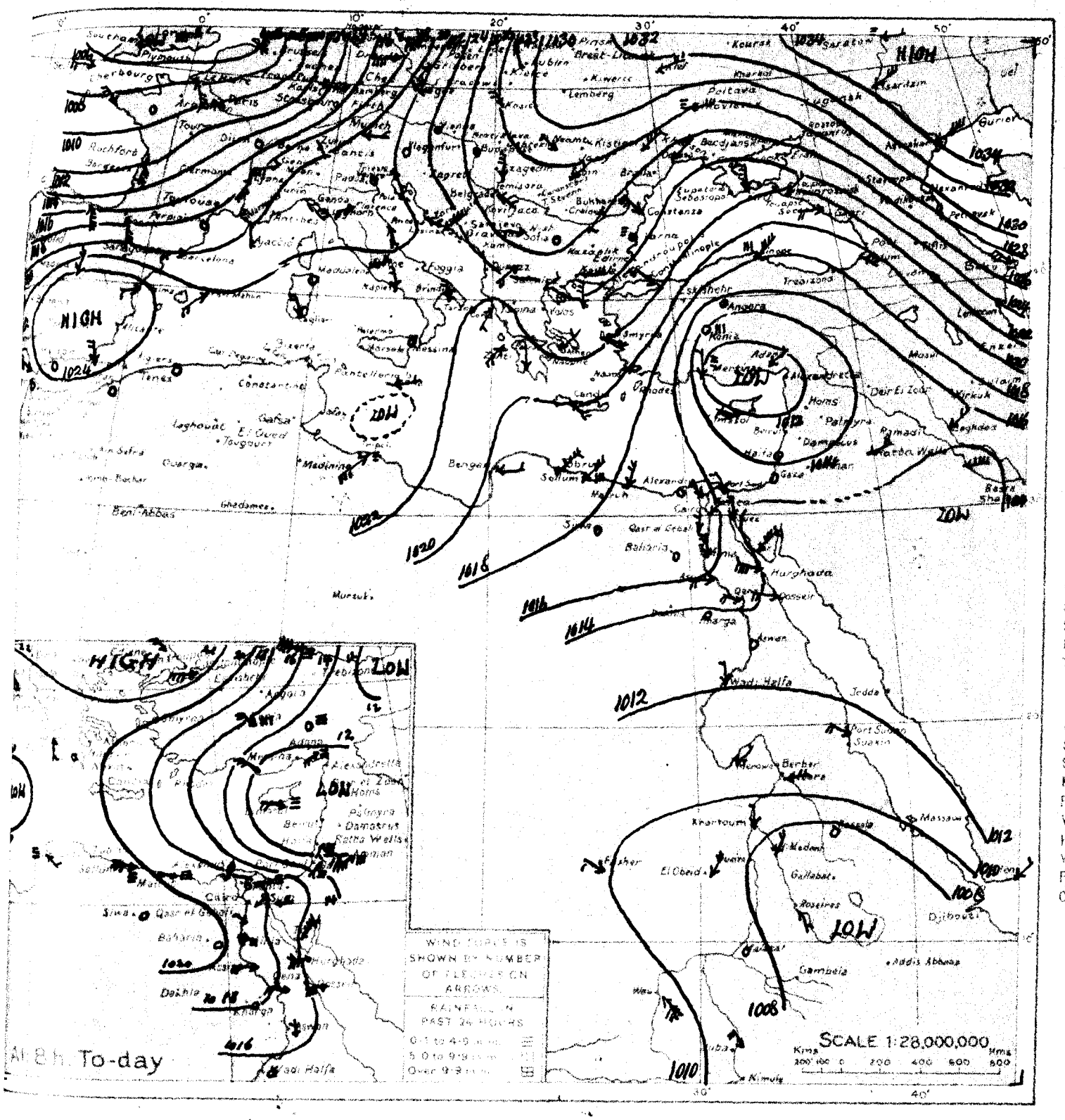
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	24.11	13.50	-0.11	13.52	-0.10
Nasser	24.11	10.29	+0.27	10.82	+0.26
Malakal	24.11	12.26	+0.04	12.27	+0.05
Roseires	25.11	13.63	+0.09	13.67	+0.10
Sennar Res.	24.11	20.14	—	20.05	—
Makwar	24.11	5.75	-1.18	5.87	-1.08
Khartoum	24.11	11.82	-0.39	11.85	-0.40
Kh. el Girba					
Atbara	24.11	11.16	-0.26	11.16	-0.28
Wadi Halfa	25.11	3.43	-0.22	3.48	-0.20
Aswan Res.	24.11	99.04	—	98.48	—
" D.S.	24.11	87.45	-0.21	87.60	-0.12
El Leithi	25.11	20.22	+0.16	20.30	+0.17
Roda (Cairo)	25.11	16.76	+0.11	16.85	+0.15

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٤-١١-٣١ Barometer and Wind at 8 h. Yesterday 24.11.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٤-١١-٣١ From Observations taken at 8 h. yesterday 24.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1022.3	-4.1	+8.4	E	2	8	6	+3	—	13	—	1	—	90	—	—	—	207	—
	MALTA	1022.7	+4.7	+4.7	ENE	1	1	16	-1	—	18	-1	15	+1	70	—	0	88	130	2
	ATHENS	1022.7	-1.5	+5.5	NE	1	0	3	-9	—	—	—	—	—	60	—	—	—	96	—
	CANDIA									—					—	—				
	LIMASSOL	1012.2	-3.4	-4.9	WNW	1	4	18	+1		24	+3	11	+1	—	—	0	10	74	0
EGYPT and SUDAN	Kassala كسلا	1006.8	-1.5	-4.1	—	0	0	28.0	-1.0	+1.3	37	+1	24	+4	60	+8	0	8	11	—
	Wad Medani ود مدني	1007.9	+0.9	-3.8	NE	2	1	26.8	-1.7	+1.6	36	0	20	+1	41	+6	0	11	13	—
	El Obeid الابيض	1008.4	-0.7	-5.1	NE	2	1	28.2	+0.7	+5.0	36	+3	18	+4	29	-5	0	9	19	—
	Wau واو	1011.1	+3.2	+0.6	SE	7	2	28.0	+2.0	+2.1	37	+1	22	+3	70	+1	0	177	142	—
	Juba جوبا	1009.5	0.0	—	NW	2	4	23.9	-1.1	—	32	—	20	—	80	—	0	124	125	—

1417 F.C.

MINISTRY OF PUBLIC W(

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 30 m

" " sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Thursday 26th November, 1931

١٩٣١ الخميس ٢٦ نوفمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1020.4	-0.4	+2.0	NNW	3	5	13.0	+0.7	—	20	—	12	—	94	—	dr.	9	—	2
	MATRUH	1019.1	0.0	+1.1	NW	1	4	14.0	-1.0	-2.4	19	-3	13	0	98	+23	2	15	36	3
	ALEXANDRIA	1018.8	+0.5	+0.5	SW	1	3	14.8	-2.9	-3.5	22	-1	14	-1	88	+17	1	6	33	1
	PORT SAID	1017.8	+0.8	+1.0	W	4	1	16.4	-0.7	-2.6	21	-2	15	0	79	+5	dr.	8	12	4
	GAZA																			
	HAIFA	1011.4	-0.5	-4.7	SSE	2	1	19.7	+1.5	+1.1	22	-2	13	0	46	-16	Drops	40	91	3
LOWER EGYPT	TANTA	1018.3	+0.1	—	SSW	1	4	14.8	+1.3	—	20	—	14	—	90	—	dr.	dr.	—	—
	CAIRO EZBEKIYA	1016.8	+0.4	+0.5	SE	2	4	14.3	+0.3	-0.5	20	-4	13	+1	92	+12	tr.	6	4	—
	CAIRO GIZA	1018.8	0.0	+0.1	NNW	1	4	14.3	+0.3	—	20	-3	13	+3	97	—	3	7	4	—
	CAIRO HELWAN	1019.1	+0.1	+0.9	N	1	4	14.0	+0.1	-1.4	19	-4	13	+1	82	+12	1	7	4	—
	SIWA	1019.4	-0.9	+0.5	—	0	0	11.9	-2.0	-1.2	24	0	8	-1	65	-3	0	dr.	2	—
RED SEA	SUEZ	1017.5	-0.4	+0.2	E	1	4	16.0	-0.5	-1.0	24	-1	14	0	77	+1	dr.	dr.	7	0
	TOR	1016.2	+1.1	-0.5	NE	4	0	18.4	+3.3	+0.7	24	-1	14	+1	54	-9	0	0	4	3
	HURGHADA	1017.0	—	—	W	6	1	17.8	-2.0	—	25	—	13	—	68	—	0	0	—	4
	QOSSEIR	1016.8	+1.2	—	W	5	0	20.5	-0.8	—	25	—	16	—	49	—	0	0	—	5
UPPER EGYPT	BEBALI	1019.6	-0.2	+1.3	SE	1	4	14.5	+0.5	-0.5	20	-4	12	+2	88	+10	0	0	—	—
	MINYA	1019.5	-0.1	—	SSE	3	1	13.5	-0.7	-1.7	22	-2	10	-1	91	+12	—	—	—	—
	ASYUT	1020.0	+0.5	+1.6	W	2	0	14.9	-0.3	0.0	23	-1	12	+1	80	+9	0	0	—	—
	QENA	1018.2	+0.7	—	W	2	1	17.0	+1.0	+0.4	28	0	11	-1	64	+3	—	—	—	—
	KHARGA	1019.9	+1.9	—	—	0	0	16.4	-0.7	—	24	—	10	—	75	—	0	0	—	—
	ASWAN	1018.3	+1.2	+1.4	N	1	1	17.9	-0.1	-0.6	27	-2	15	+1	51	+1	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.5	+2.3	+0.2	NNE	2	0	16.6	-1.4	-0.2	28	-1	14	+2	58	+9	—	—	—	—
	MERGHEB	1015.6	+2.1	+0.5	NE	1	0	20.0	-5.0	-2.3	37	+3	15	-1	25	-10	0	0	1	—
	ATBARA	—	—	—	N	4	0	25.5	-1.0	+1.3	34	0	21	+3	45	+9	0	0	1	—
	KHARTOUM	1013.1	+1.3	+0.7	N	2	0	23.8	-1.8	+1.1	35	+2	21	+2	18	-16	0	16	5	—
EASTERN SUDAN	PORT SUDAN	1013.3	+1.3	-1.0	N	4	3	26.5	-2.2	0.0	32	+2	25	+2	69	+1	Drops 8	46	52	4
	KASSALA	1007.8	0.0	-3.2	—	0	0	30.5	+0.5	+4.1	38	+2	22	+2	42	-11	0	8	11	—
	WAD MEDANI																			
	ROSEIRES	1009.3	+1.3	-1.3	W	1	1	26.5	-1.5	+2.2	37	0	22	+5	59	+9	0	67	86	—
SOUTH SUDAN	EL FASHER	1013.4	+2.8	—	NW	1	0	19.5	-3.5	+0.5	37	+4	14	+2	28	-5	0	0	8	—
	EL OBEID																			
	MALAKAL	1011.5	-0.3	+0.6	—	0	0	27.0	+0.2	+1.3	36	0	22	+4	68	+26	0	92	91	—
	WAU	1009.6	-1.0	-1.0	S	3	2	28.0	+4.0	+2.1	36	0	20	+1	63	-6	0	161	143	—
	JUBA	1010.6	-1.4	—	SE	5	0	24.7	+1.0	—	35	—	19	—	74	—	0	125	126	—

Upper Wind Observations at Helwan at h. m. 10 00

Height (Metres)	Km. per hour	Direction
500	10	SE
1000	15	N
1500	25	NNW
2000	15	N
3000		

General Situation

The depression is slowly moving to northern Iraq. Pressure over Egypt has risen slightly but continues disturbed. In the west the pressure is slowly falling.

الحالة العمومية

يتحرك الانخفاض ببطء الى شمال العراق وقد ارتفع الضغط على مصر قليلا ولكنه لا يزال مضطربا والضغط فى الغرب آخذ فى الهبوط ببطء .

Forecast for 24 hours from noon to-day.

Winds chiefly westerly, light to moderate. Much medium and low cloud, decreasing. Further light rain in the north. Slightly warmer but temperature remaining below normal.

تغيرات المنظر حصولها فى الطقس من ظهر اليوم الى ظهر الغد

رياح غربية فى الغالب ما بين الخفيف والمعتدل . يكثر السحاب الوسط والمنخفض ويقل نوعاً وتمطر خفيفا من المطر فى الشمال ويدفأ الطقس قليلا إلا ان درجة الحرارة تظل دون المعدل .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	65	0	15.0	+0.3
Ezbekiya	75	+6	13.8	-1.3
Giza	80	+7	14.2	—
Helwan	66	+8	12.6	-0.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

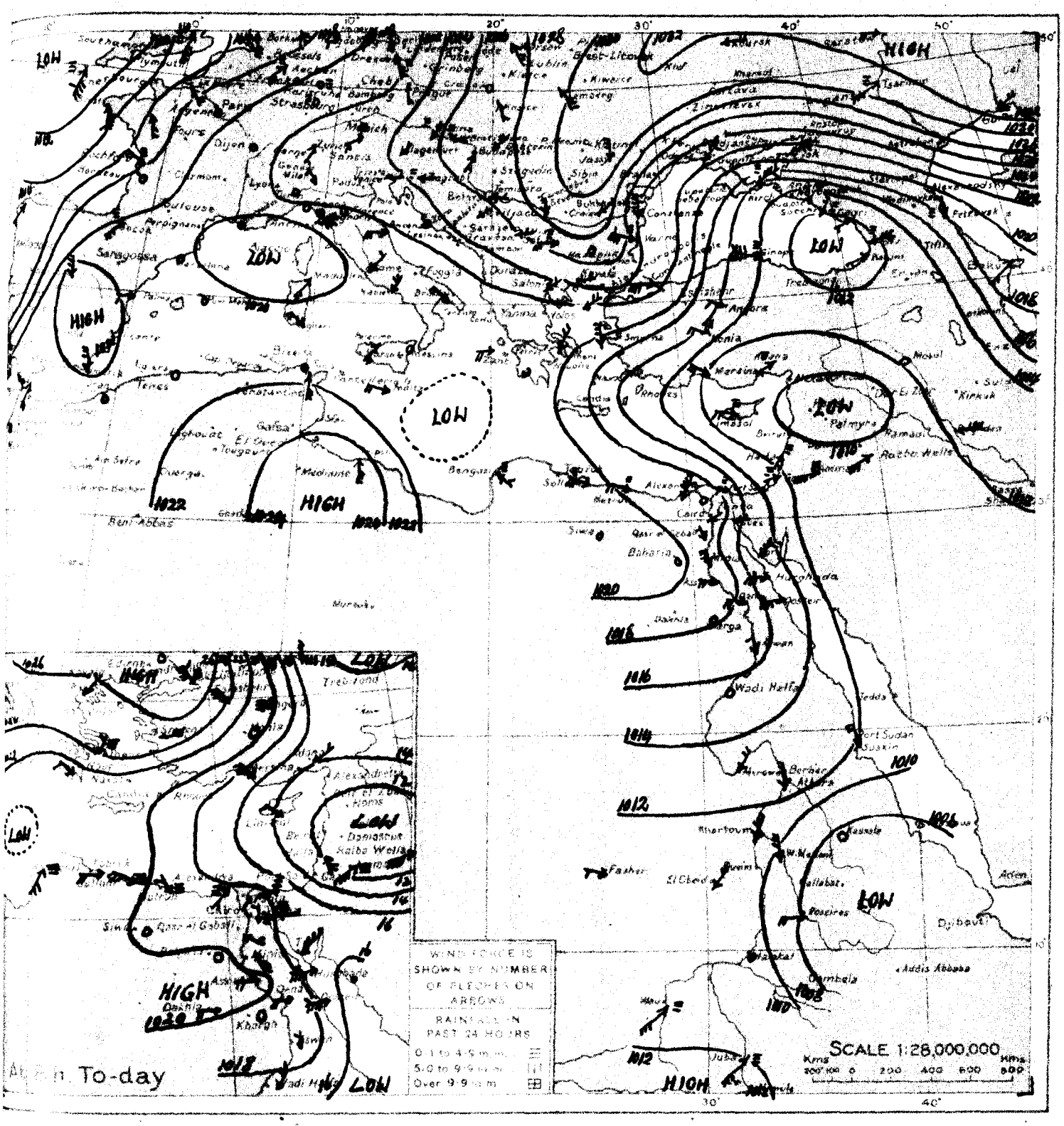
DATE	1931	1930
26.11	1679	1099
25.11	1812	1102

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	26.11	13.50	-0.10	13.50	-0.11
Nasser	25.11	10.26	+0.27	10.29	+0.27
Malakal	25.11	12.27	+0.06	12.26	+0.04
Roseires	26.11	13.60	+0.10	13.63	+0.07
Sennar Res.	25.11	20.23	—	20.14	—
Makwar	25.11	5.66	-1.24	5.76	-1.18
Khartoum	25.11	11.78	-0.40	11.82	-0.39
Kh. el Girba					
Atbara	25.11	11.19	-0.23	11.18	-0.26
Wadi Halfa	26.11	3.37	-0.23	3.43	-0.22
Aswan Res.	26.11	100.37	—	99.70	—
" D.S.	26.11	87.15	-0.43	87.30	-0.32
El Leithi	26.11	20.08	+0.06	20.22	+0.15
Roda (Cairo)	26.11	16.78	+0.16	16.76	+0.11

PHYSICAL DEPARTMENT.

REPORT.

٢١-١١-٣١ Barometer and Wind at 8 h. Yesterday 25.11.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١١-٣١ From Observations taken at 8 h. yesterday. 25.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C	°C	°C	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1020.7	-1.6	+6.8	NE	1	4	11	+5	—	14	—	5	—	70	—	—	—	211	—
	MALTA	1021.2	-1.5	+3.2	WNW	2	4	14	-2	—	20	+1	13	-1	80	—	0	88	133	2
	ATHENS	1020.3	-2.4	+3.1	NNE	2	5	9	+6	—	—	—	—	—	80	—	—	—	99	—
	CANDIA									—					—	—				
	LIMASSOL	1010.4	-1.8	-6.7	WNW	2	2	15	-3		21	0	11	+1	—	—	tr.	10	76	3
EGYPT and SUDAN	Kassala كسلا	1007.6	+1.0	-3.2	—	0	0	30.0	+2.0	+3.4	38	+2	22	+2	44	-8	0	8	11	
	Wad Medani ود مدني	1009.4	+1.8	-2.4	N	2	1	30.0	+2.2	+4.9	40	+4	23	+4	38	+3	0	11	13	
	Wau واو	1010.6	-0.8	+0.1	SW	3	3	24.0	-4.0	-1.9	37	+1	20	+1	75	+6	4	161	142	
	Juba جوبا	1012.0	+2.5	—	SW	3	2	23.7	-0.2	—	33	—	19	—	78	—	1	125	124	

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 31

" " sunset 16 55

From Observations taken at 8h. to-day.

Friday 27th November, 1931 ١٩٣١ الجمعة ٢٧ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1021.8	+1.4	+3.5	NW	1	5	13.0	0.0	—	21	—	12	—	95	—	12	21	—	1
	MATRUH	1020.6	+1.5	+2.6	NNE	2	4	16.7	+2.7	+0.5	19	-3	14	+1	65	-10	7	22	36	4
	ALEXANDRIA	1019.5	+0.7	+1.2	NW	5	2	16.9	+2.1	-1.2	21	-2	14	-1	62	-9	dr.	6	34	3
	PORT SAID	1018.2	+0.4	+1.3	W	3	1	15.2	-1.2	-3.6	21	-2	13	-2	75	+1	2	10	13	3
	GAZA	—	—	—	—	0	0	15.5	+0.4	-1.5	24	+1	—	—	80	+8	11	45	37	—
	HAIFA	1014.6	+3.2	-1.6	SSW	1	4	14.1	-5.6	-4.3	21	-3	10	-3	74	+12	4	44	94	2
LOWER EGYPT	TANTA	1019.4	+1.1	—	SW	1	1	12.2	-2.6	—	22	—	9	—	86	—	1	1	—	—
	CAIRO: EZBEKIYA	1019.4	+0.6	+1.0	—	0	0	12.6	-1.7	-2.1	22	-1	11	-1	91	+11	dr.	6	4	—
	CAIRO: GIZA	1020.0	+1.2	+1.2	—	0	0	12.8	-1.5	—	22	-1	9	-1	93	—	1	8	4	—
	CAIRO: HELWAN	1020.0	+0.9	+1.7	—	0	0	13.7	-0.3	-1.5	20	-3	11	-1	81	+11	dr.	7	4	—
	SIWA	1019.9	+0.5	+1.0	—	0	0	13.2	+1.3	+0.3	23	-1	9	0	68	0	0	dr.	2	—
RED SEA	SUEZ	1017.8	+0.3	+0.5	N	1	4	15.5	-0.5	-1.4	24	0	13	-1	68	-8	0	dr.	7	0
	TOR	1017.9	+1.7	+1.1	NE	2	0	16.5	-1.9	-1.0	22	-3	13	0	63	0.	0	0	4	3
	HURGHADA	1017.8	+0.8	—	NW	6	1	18.0	+0.2	—	24	—	14	—	74	—	0	0	—	4
	QOSSEIR	1016.6	-0.2	—	NW	6	1	18.9	-1.6	—	24	—	16	—	51	—	0	0	—	6
UPPER EGYPT	GEBALI	1020.7	+1.1	+2.3	W	1	0	12.9	-1.6	-1.9	21	-3	10	0	86	+8	0	0	—	—
	MINYA	1020.3	+0.8	—	NNW	2	0	14.0	+0.5	-1.0	26	-2	10	-1	84	+5	—	—	—	—
	ASYUT	1020.7	+0.7	+2.2	WNW	2	0	14.3	-0.6	-0.4	23	-1	10	-1	78	+7	0	0	—	—
	QENA	1018.3	+0.1	—	WNW	2	0	15.4	-1.6	-1.0	25	-3	12	0	70	+9	—	—	—	—
	KHARGA	1018.0	-1.9	—	—	0	0	15.9	-0.5	—	25	—	10	—	73	—	0	0	—	—
	ASWAN	1018.4	+0.1	+1.4	NNE	2	1	16.0	-1.9	-2.2	24	-5	12	-2	50	0	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.2	-0.3	-0.2	N	2	1	15.6	-1.0	-1.0	25	-4	12	0	51	+2	—	—	—	—
	MEROWE	1015.6	0.0	+0.4	NE	1	0	19.5	-0.5	-2.7	32	-1	13	-3	28	-7	0	0	1	—
	ATBARA	—	—	—	N	4	0	22.0	-3.5	-2.1	33	0	19	+1	58	+22	0	0	1	—
	KHARTOUM	1013.1	0.0	+0.6	N	2	0	21.7	-2.1	-0.9	33	0	19	+1	26	-8	0	16	5	—
EAST SUDAN	PORT SUDAN	1014.2	+0.9	-0.2	N	4	3	25.7	-0.8	-0.7	29	-1	24	+1	67	-1	4	50	54	4
	KASSALA	1008.6	+0.8	-2.5	—	0	0	29.0	-1.5	+2.7	37	+1	20	0	37	-16	0	8	11	—
	WAD MEDANI																			—
	ROSEIRES	1009.8	+0.5	-0.9	NNW	2	0	26.5	0.0	+2.3	37	0	20	+3	34	-15	0	67	36	—
SOUTH SUDAN	EL FASHER	1012.4	+1.4	—	WNW	1	0	24.0	+2.5	+3.2	35	+2	13	+2	16	-17	0	0	8	—
	EL OBEID	1012.3	+0.7	-1.5	NE	3	0	25.5	+2.0	+2.8	35	+2	17	+3	21	-14	0	9	19	—
	MALAKAL	1008.2	-3.3	-2.7	NNE	3	1	27.0	0.0	+1.4	36	0	20	+2	31	-10	0	92	91	—
	WAU	1009.3	-0.3	-1.3	NW	3	0	27.0	-1.0	+1.1	34	-2	21	+2	66	-2	0	181	143	—
	JUBA	1009.5	-1.1	—	SW	2	1	24.0	-0.7	—	35	—	19	—	79	—	1	126	127	—

Upper Wind Observations at Helwan at h. m.

Height (metres)	Knots per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to day.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	69	+4	13.7	-0.9
Ezbekiya	82	+12	13.8	-1.2
Giza	88	+14	14.3	—
Helwan	71	+13	12.9	+0.1

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.		
DATE	1931	1930
27.11	1565	1101
26.11	1679	1099

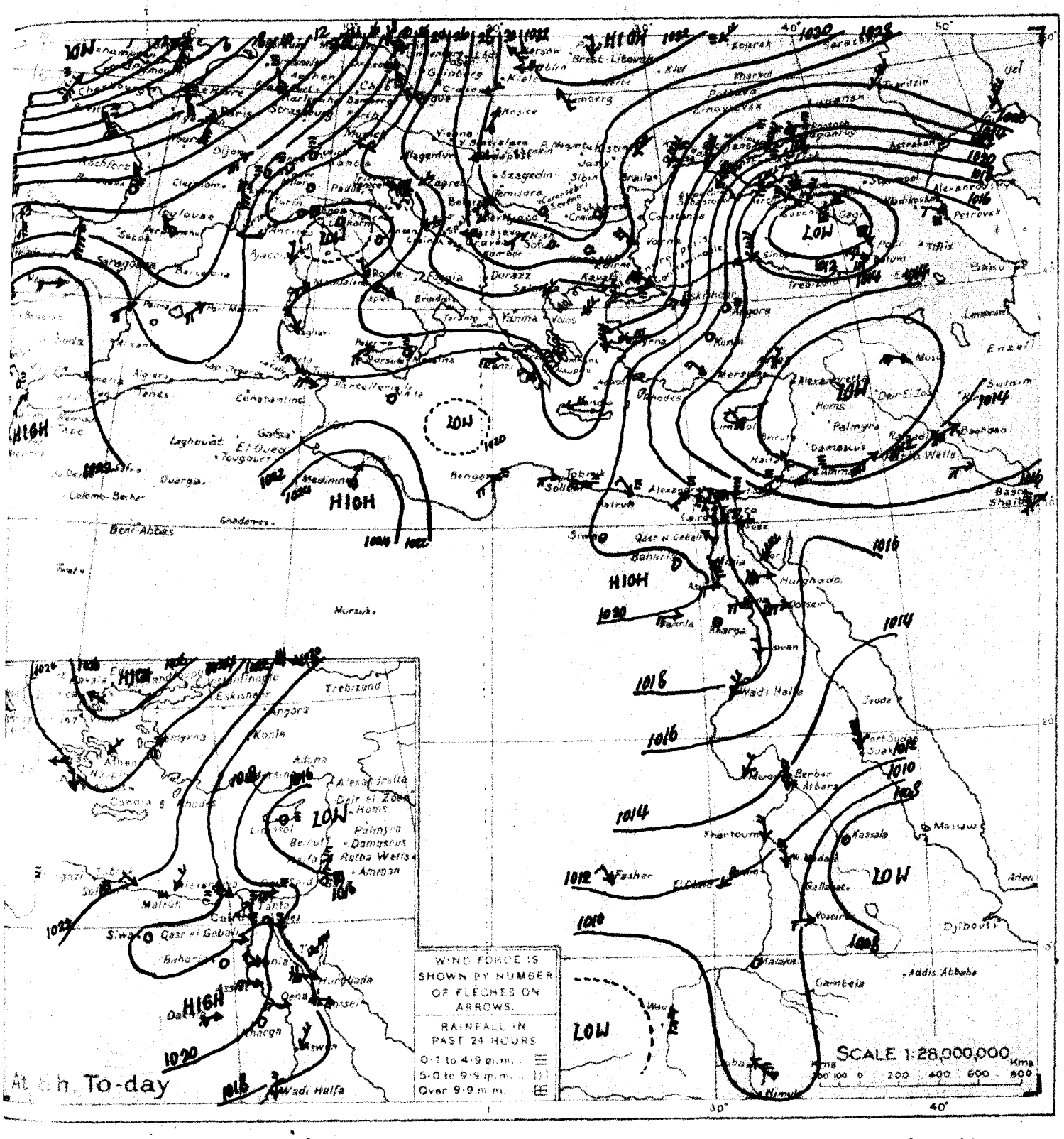
GAUGE	Date	Reading	Diff. from normal	Previous date: Reading	Previous date: Diff. from normal
	1931	m.	m.	m.	m.
Juba	27.11	13.52	-0.07	13.50	-0.10
Nasser	26.11	10.22	+0.28	10.26	+0.27
Malakal	27.11	12.26	+0.05	12.26	+0.05
Roseires	27.11	13.56	+0.11	13.60	+0.10
Sennar Res.	25.11	20.23	—	20.14	—
Makwar	26.11	5.66	-1.24	5.75	-1.18
Khartoum	27.11	11.70	-0.42	11.72	-0.43
Kh. el Girba					
Atbara	27.11	11.12	-0.26	11.12	-0.28
Wadi Halfa	27.11	3.32	-0.25	3.37	-0.23
Aswan Res.	27.11	101.08	—	100.37	—
" D.S.	27.11	87.00	-0.60	87.15	-0.43
El Leithi	27.11	19.98	+0.05	20.08	+0.08
Roda (Cairo)	27.11	16.67	+0.07	16.78	+0.16

PRINTED AT THE SURVEY OF EGYPT 1930(30/556/7) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٦-١١-٣١. Barometer and Wind at 8 h. Yesterday 26.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٦-١١-٣١. From Observations taken at 8 h. yesterday. 26.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1022.4	+1.7	+8.4	N	1	4	10	-1	—	17	—	9	—	70	—	—	—	215	—
	MALTA	1021.8	+0.1	+3.4	—	0	4	16	+2	—	18	-1	14	+1	80	—	0	88	135	1
	ATHENS	1024.0	+3.7	+6.8	N	2	5	8	-1	—	—	—	—	—	80	—	—	—	101	—
	CANDIA									—					—	—				
	LIMASSOL	1013.0	+2.6	-4.1	NW	1	0	12	-3		19	-2	7	-3	—	—	0	10	78	.1
EGYPT and SUDAN	Gaza غزه	—	—	—	SW	1	3	15.1	-1.2	-2.1	21	-2	—	—	85	+13	17	34	36	—
	Wad Medani ود مدني	1011.2	+1.8	-0.7	N	3	0	27.0	-3.0	+2.0	39	+3	22	+3	40	+5	0	0	13	—
	El Obeid الابيض	1011.6	+0.1	-2.1	NE	2	0	23.5	-9.5	+0.6	33	0	17	+3	26	-8	0	9	19	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 32

" " sunset 16 55

From Observations taken at 8h. to-day.

Saturday 28th November, 1931 ١٩٣١ السبت ٢٨ نوفمبر

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff from normal (°C)	Humidity: At 8 h (%)	Humidity: Diff from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total since 1st Oct. (mm)	Rainfall: Normal since 1st Oct. (mm)	Sea (°C)
MEDITERRANEAN	SOLLUM	1022.2	+0.4	+3.9	—	0	2	13.6	+0.6		15		11		80		72	33	—	2
	MATRUH	1022.4	+1.8	+4.4	—	0	5	13.8	−2.9	−2.2	17	−5	13	0	87	+12	trace	22	37	3
	ALEXANDRIA	1021.9	+2.4	+3.6	NE	2	2	16.3	−0.6	−1.5	20	−3	15	+1	58	−13	0	6	35	2
	PORT SAID	1020.8	+2.6	+3.9	WSW	3	2	14.9	−0.3	−3.7	20	−2	14	−1	77	+3	0	10	13	3
	GAZA	—	—	—	S	2	4	11.9	−3.6	−4.9	18	−5	9	−3	87	+15	11	56	39	
	HAIFA	1018.7	+4.1	+2.5	SSW	1	4	12.9	−1.2	−5.3	19	−4	9	−4	68	+6	1	45	97	2
LOWER EGYPT	TANTA	1022.2	+2.8		—	0	1	11.2	−1.0		21		7		85		drops	1		
	CAIRO EZBEKIYA	1021.9	+2.5	+3.5	S	1	2	11.0	−1.6	−3.5	21	−2	8	−4	77	−3	drops	6	4	
	GIZA	1022.3	+2.3	+3.4	—	0	2	10.7	−2.1	—	20	−3	5	−5	92	—	drops	8	4	
	HELWAN	1021.9	+1.9	+3.6	—	0	1	10.8	−2.9	−4.2	18	−4	8	−4	71	+1	0	7	4	
	SIWA	1019.4	−0.5	+0.4	E	1	0	14.7	+1.5	+2.0	23	0	9	+1	59	−9	0	drops	2	
RED SEA	SUEZ	1020.6	+2.8	+3.2	N	2	0	12.0	−3.5	−4.7	20	−4	8	−6	71	−5	drops	drops	8	1
	TOR	1019.0	+1.1	+2.1	NE	3	0	16.5	0.0	−0.8	22	−3	12	0	54	−8	0	0	5	2
	HURGHADA	1021.0	+3.2		W	6	1	16.0	−2.0		22		12		64		0	0		4
	QOSSEIR	1018.6	+2.0		NNW	7	0	17.8	−1.1		23		16		49		0	0		7
UPPER EGYPT	BEDALI	1021.9	+1.2	+3.5	SE	1	0	11.5	−1.4	−3.1	21	−3	8	−2	82	+3	0	0		
	MINYA	1021.9	+1.6		SE	3	0	11.5	−2.5	−3.3	20	−3	8	−3	85	+6				
	ASYUT	1021.9	+1.2	+3.3	WSW	2	0	11.3	−3.0	−3.2	20	−4	9	−1	77	+5	0	0		
	QENA	1020.3	+2.0		WNW	2	0	14.2	−1.2	−2.0	26	−2	9	−2	62	+1				
	KHARGA	1020.2	+2.2		—	0	0	16.1	+0.2		24		11		66		0	0		
	ASWAN	1018.8	+0.4	+1.7	NNE	2	1	14.5	−1.5	−3.5	24	−5	13	−1	48	−2				
NORTH SUDAN	WADI HALFA	1017.4	+0.2	−0.1	N	1	0	14.8	−0.8	−1.6	24	−4	11	−1	51	+2				
	MEROWE	1014.7	−0.9	−0.6	NE	2	0	18.0	−1.5	−4.1	31	−2	12	−4	36	0	0	0	1	
	ATBARA	—	—	—	N	3	0	22.0	0.0	−1.9	32	−1	19	+1	54	+17	0	0	1	
	KHARTOUM	1012.4	−0.7	−0.2	N	2	1	22.0	+0.3	−0.4	32	−1	19	+1	25	−9	0	16	5	
EAST SUDAN	PORT SUDAN	1014.8	+0.6	+0.4	N	5	3	26.4	+0.7	+0.1	29	−1	24	+1	57	−11	0	50	56	5
	KASSALA																			
	WAD MEDANI																			
	ROSE RES	1007.2	−2.6	−3.6	NW	2	0	25.5	−1.0	+1.3	37	0	20	+3	45	−4	0	67	36	
CENTRAL SUDAN	EL FASHER																			
	EL OBEID	1012.6	+0.3	−1.3	N	3	0	22.4	−3.1	−0.2	31	−2	13	−1	21	−14	0	9	19	
	MALAKAL	1010.3	+2.1	−0.6	N	1	0	25.8	−1.2	+0.2	34	−2	18	0	32	−8	0	92	92	
	WAU	1009.3	0.0	−1.3	NE	7	0	24.0	−3.0	−1.9	34	−5	20	+1	35	−33	0	181	144	
	JUBA	1010.3	+0.8		NW	3	2	24.2	+0.2		34		20		83		2	128	128	

Upper Wind observations at Helwan at 8.15 h.m.

Height (metres)	Kms. per hour	Direction
500	25	N
1000	25	N
1500	35	N
2000	50	NNW
3000	50	NW

General Situation

The depression northeast of Egypt has considerably filled up. A wedge of high pressure extends from the Black Sea towards Egypt. There is a deep depression over Italy.

الحالة العامة

امتلأ الانخفاض في شمال شرق مصر كثيرا . ويوجد نتوء من الضغط المرتفع يمتد من البحر الابيض لمصر كما انه يوجد انخفاض عميق على ايطاليا .

Forecast for 24 hours from noon to day.

Light to moderate northwest to north winds, becoming northeast inland tomorrow.
Some medium cloud.
Possibility of light showers on the coast.
Weather improving; somewhat warmer tomorrow.

التوقعات لمدة ٢٤ ساعة من ظهر اليوم الى ظهر الغد

رياح بين الخفيفة والمعتدلة شمالية غربية الى شمالية تتحول الى شمالية شرقية في الداخل غدا - يظهر بعض السحاب الوسط - ويحتمل ان تمطر خفيفا على الساحل - ويتحسن الطقس ويدفأ نوعا غدا

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	80	+15	13.1	−1.4
Ezbekiya	77	+7	12.1	−2.7
Giza	76	+2	12.1	—
Helwan	61	+3	11.2	−1.5

NOTE. A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m³ per sec. DATE	1931	1930
27.11	1585	1101
26.11	1679	1099

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m	Previous day: Diff. from normal m.
Juba	27.11	13.52	−0.07	13.50	−0.10
Nasser	26.11	10.22	+0.28	10.26	+0.27
Malakal	28.11	12.26	+0.06	12.26	+0.05
Roseires	28.11	13.52	+0.10	13.56	+0.11
Sennar Res.	25.11	20.23	—	20.14	—
Makwar	25.11	5.66	−1.24	5.75	−1.18
Khartoum	27.11	11.70	−0.42	11.72	−0.43
Kh. el Girba					
Atbara	27.11	11.12	−0.26	11.12	−0.28
Wadi Halfa	28.11	3.27	−0.27	3.32	−0.25
Aswan Res.	27.11	101.08	—	100.37	—
" D.S.	27.11	87.00	−0.30	87.15	−0.43
El Leithi	28.11	19.82	−0.04	19.98	+0.05
Roda (Cairo)	28.11	16.60	+0.05	16.67	+0.07

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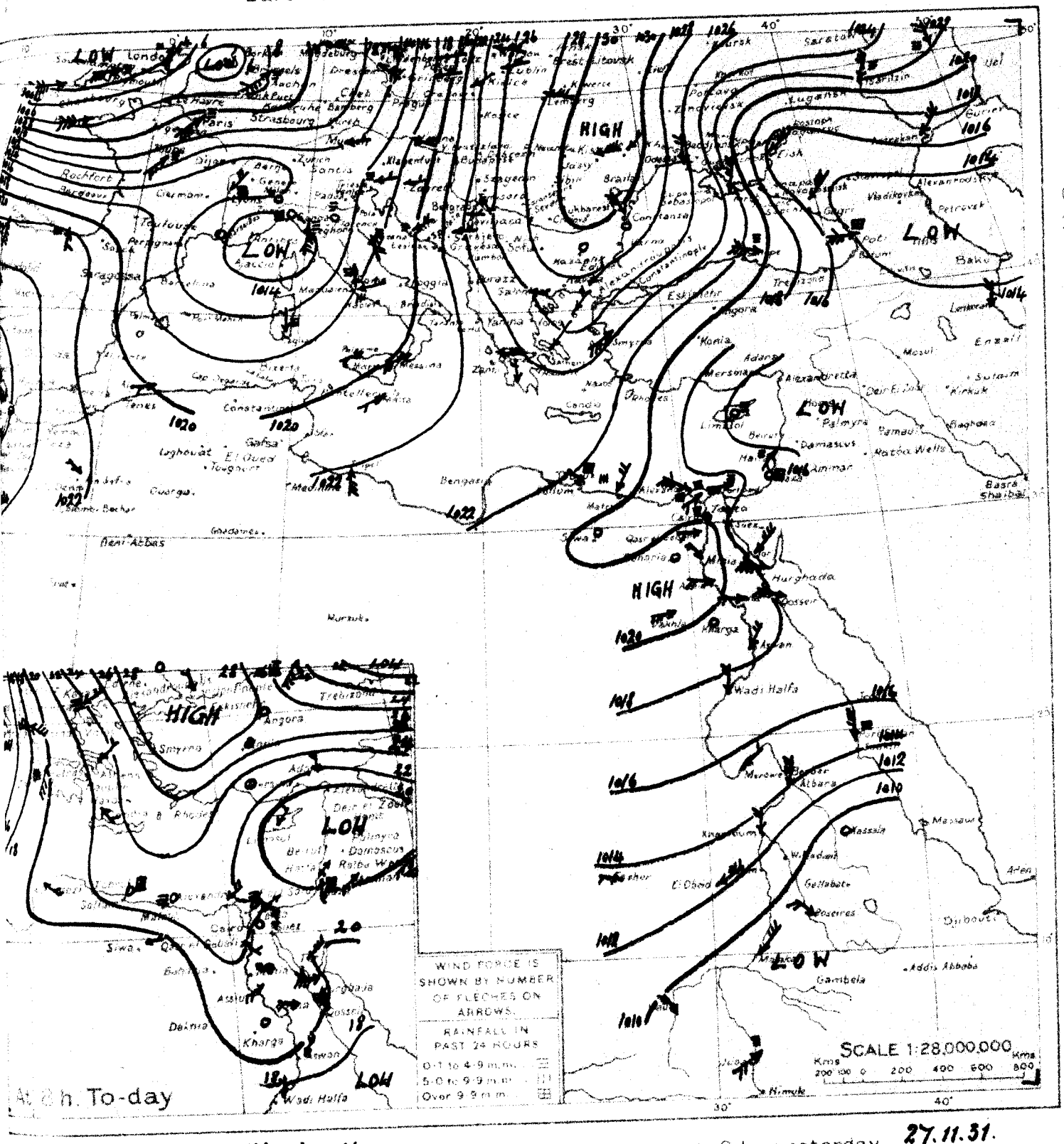
PHYSICAL DEPARTMENT.

REPORT.

.٢٧-١١-٣١ Barometer and Wind at 8 h Yesterday 27.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢٧-١١-٣١ From Observations taken at 8 h. yesterday. 27.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C.	°C.	°C	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.0	-4.4	+4.0	S	2	2	14	+4	—	15	—	11	—	90	—	2	—	219	—
	MALTA	1020.8	-0.5	+2.9	WSW	1	2	16	0	—	19	0	14	+1	80	—	0	88	138	1
	ATHENS	1025.4	+1.4	+8.2	NNE	1	3	7	-1	—	—	—	—	—	80	—	—	—	104	—
	CANDIA									—					—	—				
	LIMASSOL	1015.5	+2.5	-1.6	—	0	0	12	0		18	-3	4	-6	—	—	1	11	80	3
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 06 h 33 m

" " sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Sunday 29th November, 1931 — ١٩٣١ الاحد ٢٩ نوفمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1020.0	−2.2	+1.7	SW	5	0	13.0	−0.6	—	19	—	11	—	64	—	0	33	—	3
	MATRUH	1021.2	−1.2	+3.1	ESE	2	0	10.8	−3.0	−5.0	18	−4	9	−3	83	+8	0	22	38	1
	ALEXANDRIA	1020.7	−1.2	+2.3	—	0	1	19.0	+2.7	+1.5	23	0	14	0	66	−6	0	6	36	0
	PORT SAID	1020.4	−0.4	+3.4	NW	1	3	16.3	+1.4	−2.0	21	−1	11	−4	70	−4	0	10	13	1
	GAZA																			—
	HAIFA	1021.5	+2.8	+5.3	SSE	1	0	15.2	+2.3	−2.8	23	0	9	−4	66	+3	0	45	100	0
LOWER EGYPT	TANTA	1020.7	−1.5	—	NNW	1	0	12.9	+1.7	—	21	—	9	—	77	—	0	1	—	—
	CAIRO: EZBEKIYA	1020.6	−1.3	+2.1	N	1	0	10.0	−1.0	−4.3	20	−3	8	−4	87	+7	0	6	4	—
	CAIRO: GIZA	1020.3	−2.0	+1.4	N	1	8	9.5	−1.2	—	20	−2	6	−4	95	—	0	8	4	—
	CAIRO: HELWAN	1020.2	−1.7	+1.9	NE	3	0	12.5	+1.7	−2.2	18	−4	9	−3	84	−6	0	7	4	—
	SIWA	1019.5	+0.1	+0.5	ENE	1	0	12.2	−2.5	−0.3	23	0	8	0	66	−3	0	drops	2	—
RED SEA	SUEZ	1019.5	−1.1	+2.0	N	3	0	13.8	+1.8	−2.8	20	−4	11	−3	69	−7	0	drops	8	2
	TOR	1017.0	−2.0	+0.1	NE	3	0	16.4	+0.2	−0.4	21	−3	10	−2	26	−36	0	0	5	3
	HURGHADA	1017.2	−3.8	—	W	6	0	16.0	0.0	—	21	—	11	—	65	—	0	0		4
	QOSSEIR	1016.2	−2.4	—	WNW	5	4	18.0	+0.2	—	22	—	15	—	47	—	0	0	—	5
UPPER EGYPT	GEBALI	1020.3	−1.6	+1.8	NE	1	0	11.4	−0.1	−3.0	20	−4	7	−3	83	+4	0	0	—	—
	MINYA	1020.0	−1.9	—	N	3	0	10.2	−1.3	−4.4	20	−3	7	−4	84	+5	—	—	—	—
	ASYUT	1020.0	−1.9	+1.3	WSW	2	0	10.4	−0.9	−3.9	20	−4	7	−3	76	+4	0	0	—	—
	QENA	1018.2	−2.1	—	WNW	2	2	11.2	−3.0	−4.7	26	−1	8	−3	72	+10	—	—	—	—
	KHARGA	1019.0	−1.2	—	—	0	1	12.5	−3.6	—	23	—	12	—	75	—	0	0	—	—
	ASWAN	1017.2	−1.6	0.0	N	2	4	13.8	−0.7	−4.0	24	−4	13	−1	44	−6	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.0	−0.4	−0.7	N	3	0	15.0	+0.2	−1.2	24	−4	11	−1	41	−9	—	—	—	—
	MEROWE	1013.1	−1.6	−2.3	NE	2	0	20.0	+2.0	−2.0	32	−1	15	−1	28	−8	0	0	1	—
	ATBARA	1012.8	—	−0.6	ENE	2	0	23.0	+1.0	−0.8	33	0	19	+1	59	+22	0	0	1	—
	KHARTOUM	1012.4	0.0	−0.3	NNE	2	1	22.2	+0.2	−0.1	32	−1	19	+1	41	+7	0	16	5	—
CENTRAL SUDAN	PORT SUDAN	1014.3	−0.5	−0.2	N	3	4	25.0	−1.4	−1.2	28	−2	23	0	62	−6	0	50	58	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1007.0	−0.2	−3.8	NW	2	0	26.5	+1.0	+2.4	37	0	18	+1	40	−9	0	67	37	—
SOUTHERN SUDAN	EL FASHER			—																—
	EL OBEID																			—
	MALAKAL	1010.3	0.0	−0.6	NNE	2	1	26.4	+0.6	+0.8	35	−1	20	+2	37	−2	0	92	92	—
	WAU																			—
	JUBA	1009.9	−0.4	—	NNW	4	1	26.5	+2.3	—	34	—	20	—	66	—	0	128	129	—

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Kms. per hour	Direction
500	45	NE
1000	35	NE
1500	20	ENE
2000	20	ENE
3000	20	NNE

General Situation

High pressure now extends from the Black Sea across the eastern Mediterranean to Egypt. An extensive depression now centred near Rome is deepening and pressure over the west of Egypt is falling.

الحالة العمومية

يمتد المرتفع ارتفاع من البحر الاسود وفوق شرق البحر المتوسط الى مصر وهناك انخفاض متسع مركزه بالقرب من روما وهو يزداد عمقا والضغط آخذ في الهبوط في غرب مصر .

Forecast for 24 hours from noon to-day.

Inland moderate north to northeast winds; on the coast variable winds, becoming southerly tomorrow. Clear or occasional high cloud. Little change in temperature.

تغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة بين شمالية وشمالية شرقية في الداخل ورياح مختلفة الاتجاه على الساحل تتحول الى جنوبية باكر السماء صحو أو بقليل من السحب العالي أحيانا . ولا تتغير درجة الحرارة الا قليلا .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	61	−4	12.9	−1.5
Ezbekiya	70	0	10.6	−4.1
Giza	84	+10	11.0	—
Helwan	55	−3	9.5	−3.1

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
29.11	1453	1242
28.11	1465	1169

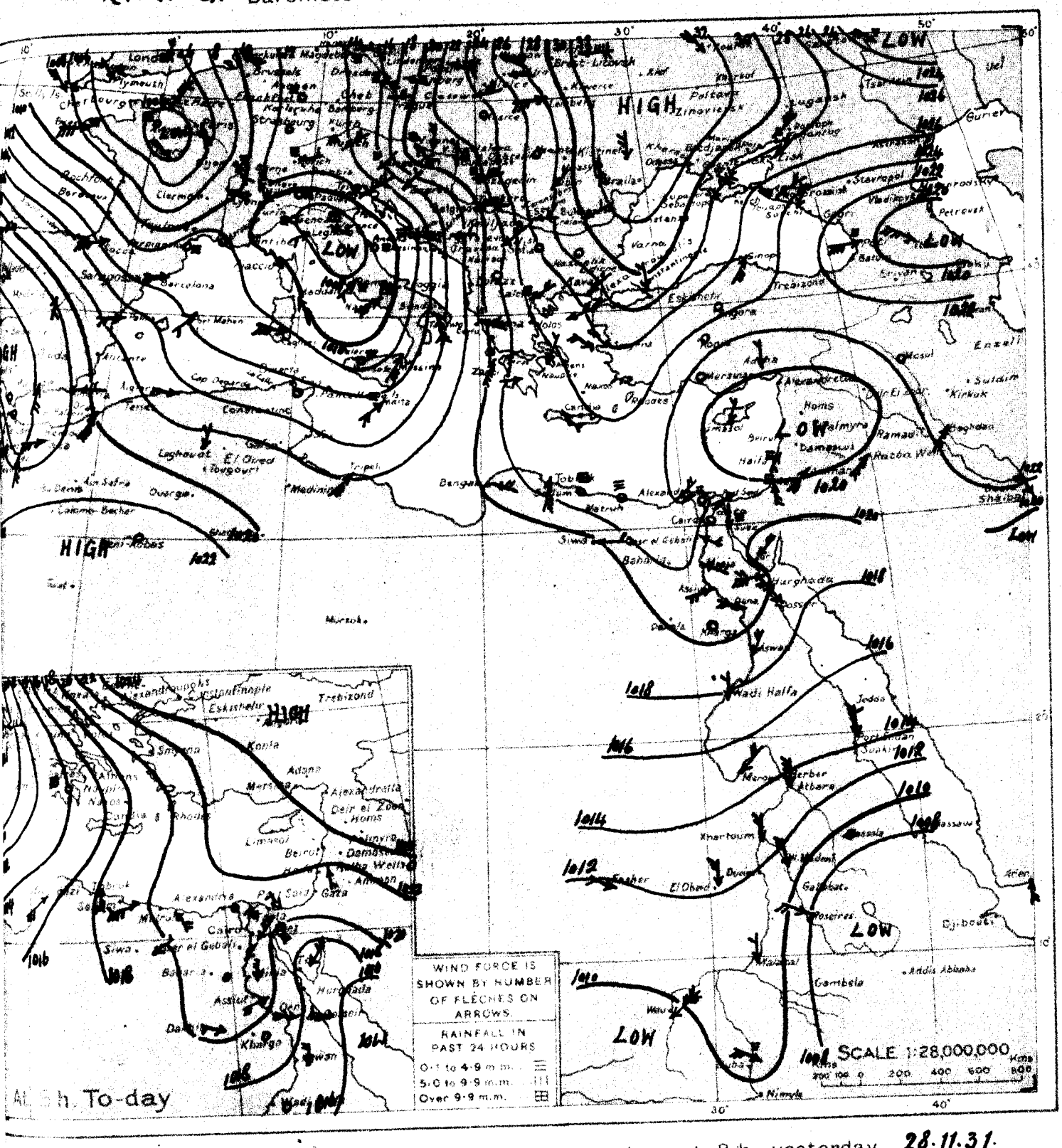
GAUGE	Date	Reading	Diff. from normal	Previous Day: Reading	Previous Day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	27.11	13.52	−0.07	13.50	−0.10
Nasser	28.11	10.14	+0.29	10.18	+0.28
Malakal	29.11	12.26	+0.06	12.26	+0.06
Roseires	29.11	13.47	+0.08	13.52	+0.10
Sennar Res.	27.11	20.41	—	20.32	—
Makwar	27.11	5.58	−1.27	5.69	−1.19
Khartoum	29.11	11.62	−0.44	11.64	−0.46
Kh. el Girba					
Atbara	29.11	11.09	−0.25	11.10	−0.26
Wadi Halfa	27.11	3.23	−0.27	3.27	−0.27
Aswan Res.	29.11	102.43		101.73	
" D.S.	29.11	86.30	−0.60	86.24	−0.61
El Leithi	29.11	19.64	−0.16	19.82	−0.04
Roda (Cairo)	29.11	16.56	+0.04	16.60	+0.05

PRINTED AT THE SURVEY OF EGYPT (1930/20/500) 1930 (20/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٨-١١-٣١ Barometer and Wind at 8 h. Yesterday 28.11.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٨-١١-٣١ From Observations taken at 8 h. yesterday. 28.11.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.6	-9.4	-5.6	WSW	1	4	13	-1	—	17	—	12	—	70	—	2	—	222	—
	MALTA	1014.2	-6.6	-3.7	SW	2	4	17	+1	—	20	+1	16	+3	80	—	1	89	141	1
	ATHENS	1023.6	-1.8	+6.4	NE	1	4	9	+2	—	—	—	6	-3	70	—	—	—	106	—
	CANDIA									—					—	—				
	LIMASSOL	1019.4	+3.9	+2.3	NNE	1	0	11	-1		17	-4	5	-5	—	—	0	11	82	3
EGYPT and SUDAN	Kassala	1009.3	+0.7	-1.9	—	0	0	26.0	-3.0	-0.2	36	0	22	+2	62	+9	0	8	11	
	Wad Medani	1010.2	-0.5	-1.8	N	3	0	24.5	-2.8	-0.3	36	0	20	+2	80	-6	0	11	13	
	El Fasher	1011.1	-1.3	—	WNW	1	0	20.0	-2.0	+1.3	35	+2	13	+2	36	+3	0	0	8	

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 6 34

" " sunset 16 55

From Observations taken at 8h. to-day.

Monday 30th November, 1931 ١٩٣١ الاثنين ٣٠ نوفمبر

	STATION	Barometer: Reduced to Sea Level (mm)	Barometer: Change in past 24 hours (mm)	Barometer: Diff. from normal (mm)	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h. (°C)	Temperature: Change in past 24 hours (°C)	Temperature: Diff. from normal (°C)	Temperature: Maximum Yesterday (°C)	Temperature: Diff. from normal (°C)	Temperature: Minimum (°C)	Temperature: Diff. from normal (°C)	Humidity: At 8 h. (%)	Humidity: Diff. from normal (%)	Rainfall: Past 24 hours (mm)	Rainfall: Total from Oct. 1 to yesterday (mm)	Rainfall: Normal from Oct. 1 to yesterday (mm)	Sea
MEDITERRANEAN	SOLLUM	1017.8	-2.2	-0.5	SW	6	0	14.4	+1.4	—	21	—	13	—	54	—	0	33	—	3
	MATRUH	1019.2	-2.0	+1.1	SE	2	0	11.3	+0.5	-4.4	21	-1	9	-3	84	+9	0	22	38	1
	ALEXANDRIA	1019.6	-1.1	+1.2	—	0	2	16.6	-2.4	-0.8	24	+1	12	-2	73	+1	0	6	37	0
	PORT SAID	1018.0	-2.4	+1.0	NE	4	0	19.3	+3.0	+1.2	21	-1	13	-2	61	-13	0	10	14	3
	GAZA	—	—	—	SE	1	0	13.1	+0.7	-3.2	20	-3	12	0	72	0	0	56	41	—
	HAIFA	1017.8	-3.7	+1.6	SSE	2	0	18.1	+2.9	+0.3	21	-2	10	-3	68	0	0	45	103	3
LOWER EGYPT	TANTA	1019.0	-1.7	—	NW	1	3	13.0	+0.1	—	22	—	9	—	85	—	0	1	—	—
	CAIRO: EZBEKIYA	1018.6	-2.0	+0.1	—	0	0	10.4	+0.4	-3.7	22	-1	8	-4	84	+4	0	6	4	—
	CAIRO: GIZA	1018.7	-1.6	-0.3	NNW	1	0	10.0	+0.5	—	21	-1	6	-4	99	—	0	8	4	—
	CAIRO: HELWAN	1018.6	-1.6	+0.3	NE	2	0	12.8	+0.3	-1.6	21	-1	10	-2	62	-8	0	7	4	—
	SIWA	1018.2	-1.3	-0.8	—	0	0	10.8	-1.4	-1.5	23	0	7	-1	68	-1	0	dr.	2	—
RED SEA	SUEZ	1017.9	-1.6	+0.3	N	2	0	12.9	-0.9	-3.5	22	-2	10	-4	76	0	0	dr.	8	1
	TOR	1016.6	-0.4	-0.4	NE	3	0	14.9	-1.8	-2.0	21	-3	9	-3	58	-4	0	0	5	4
	HURGHADA	1017.0	-0.2	—	W	5	1	17.3	+1.3	—	23	—	12	—	58	—	0	0	—	3
	QOSSEIR	1016.0	-0.2	—	NW	4	0	18.5	+0.5	—	23	—	15	—	58	—	0	0	—	4
UPPER EGYPT	GEBALI	1019.0	-1.3	+0.5	SE	1	0	11.0	-0.4	-3.2	21	-2	7	-3	81	+2	0	0	—	—
	MINYA	1020.4	+0.4	—	NNE	3	0	9.5	-0.7	-4.9	19	-4	6	-5	87	+8	—	—	—	—
	ASYUT	1019.4	-0.6	+0.6	WNW	2	0	10.2	-0.2	-3.8	21	-3	7	-3	81	+9	0	0	—	—
	QENA	1017.8	-0.4	—	WSW	2	0	12.7	+1.5	-3.0	25	-2	8	-3	68	+6	—	—	—	—
	KHARGA	1018.8	-0.2	—	—	0	0	11.3	-1.2	—	21	—	5	—	71	—	0	0	—	—
	ASWAN	1017.4	+0.2	+0.1	—	0	1	13.7	-0.1	-3.9	23	-5	10	-3	49	-1	—	—	—	—
SUDAN	WADI HALFA	1017.1	+0.1	-0.7	NNW	3	0	13.0	-2.0	-3.0	24	-4	10	-2	45	-5	—	—	—	—
	MEROWE	1014.8	+1.7	-0.7	NE	1	0	19.0	-1.0	-2.9	33	0	14	-2	26	-10	0	0	1	—
	ATBARA	1013.5	+0.7	0.0	NNE	2	0	22.5	-0.5	-1.1	32	-1	19	+2	59	+22	0	0	1	—
	KHARTOUM	1012.6	+0.2	-0.2	NNE	2	1	22.5	+0.3	+0.3	33	+1	20	+2	38	+3	0	16	5	—
EAST SUDAN	PORT SUDAN	1015.1	+0.8	+0.6	N	3	3	26.1	+1.1	0.0	28	-2	24	+1	72	+4	0	50	59	3
	KASSALA																			
	WAD MEDANI																			
	ROSEIRES	1007.1	+0.1	-3.8	NW	2	0	27.0	+0.5	+2.9	38	+1	20	+3	43	-6	0	67	37	—
SOUTH SUDAN	EL FASHER	1012.6	-0.1	—	WNW	1	0	16.0	-0.5	-2.4	32	-1	9	-2	24	-9	0	0	8	—
	EL OBEID																			
	MALAKAL	1010.0	-0.3	-1.0	NNE	2	0	28.3	+1.9	+2.8	35	-1	21	+3	36	-3	0	92	93	—
	WAU																			
	JUBA			—					—			—		—		—				

TEMP. F. C. 120 110 40 100 90 30 80 70 20 60 50 10 40 30 0 27 3

PRESS. Mm Mb. 775 1030 770 1025 765 1020 1015 1010 1005 1000 995

Upper Wind Observations at Helwan at h m 8 30

Height (metres)	Km. an hour	Direction
500	30	ENE
1000	40	E
1500	20	NE
2000	5	WSW
3000	15	W

General Situation

The Mediterranean depression is moving slowly east and is now centred at the entrance of the Adriatic. Pressure northwest of Egypt is falling rapidly, and the high pressure over Egypt is weakening.

الحالة العمومية

يتركز انخفاض البحر الأبيض المتوسط ببطء نحو الشرق ويقع الآن على مدخل الادرياتيك والضغط شمال غرب مصر في هبوط سريع وقد أخذت منطقة الضغط المرتفع على مصر في الاضمحلال .

Forecast for 24 hours from noon to day.

Inland light variable winds chiefly northeasterly; on the coast light variable winds becoming southerly and freshening. Clear or occasional high cloud. Slightly warmer.

تنبؤات الطقس لغاية الطقس من ظهر اليوم الى ظهر الغد

رياح خفيفة مختلفة الاتجاه شمالية شرقية في العالم في الداخل ورياح خفيفة مختلفة الاتجاه تتحول الى الجنوب وتشتد نوعاً على الساحل. السماء صحو أو تظهر بعض السحب العالية . ويدفأ الطقس قليلاً .

STATION	Humidity Mean of Day: Yesterday (%)	Humidity Mean of Day: Diff. from normal (%)	Wet Bulb Temperature Mean of Day: Yesterday (°C)	Wet Bulb Temperature Mean of Day: Diff. from normal (°C)
Alexandria	64	-1	15.6	+1.4
Ezbekiya	74	+4	11.1	-3.4
Giza	76	+2	11.3	—
Helwan	53	-5	10.3	-2.2

NOTE A dash means that figures are not available

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Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
30.11	1444	1311
29.11	1453	1242

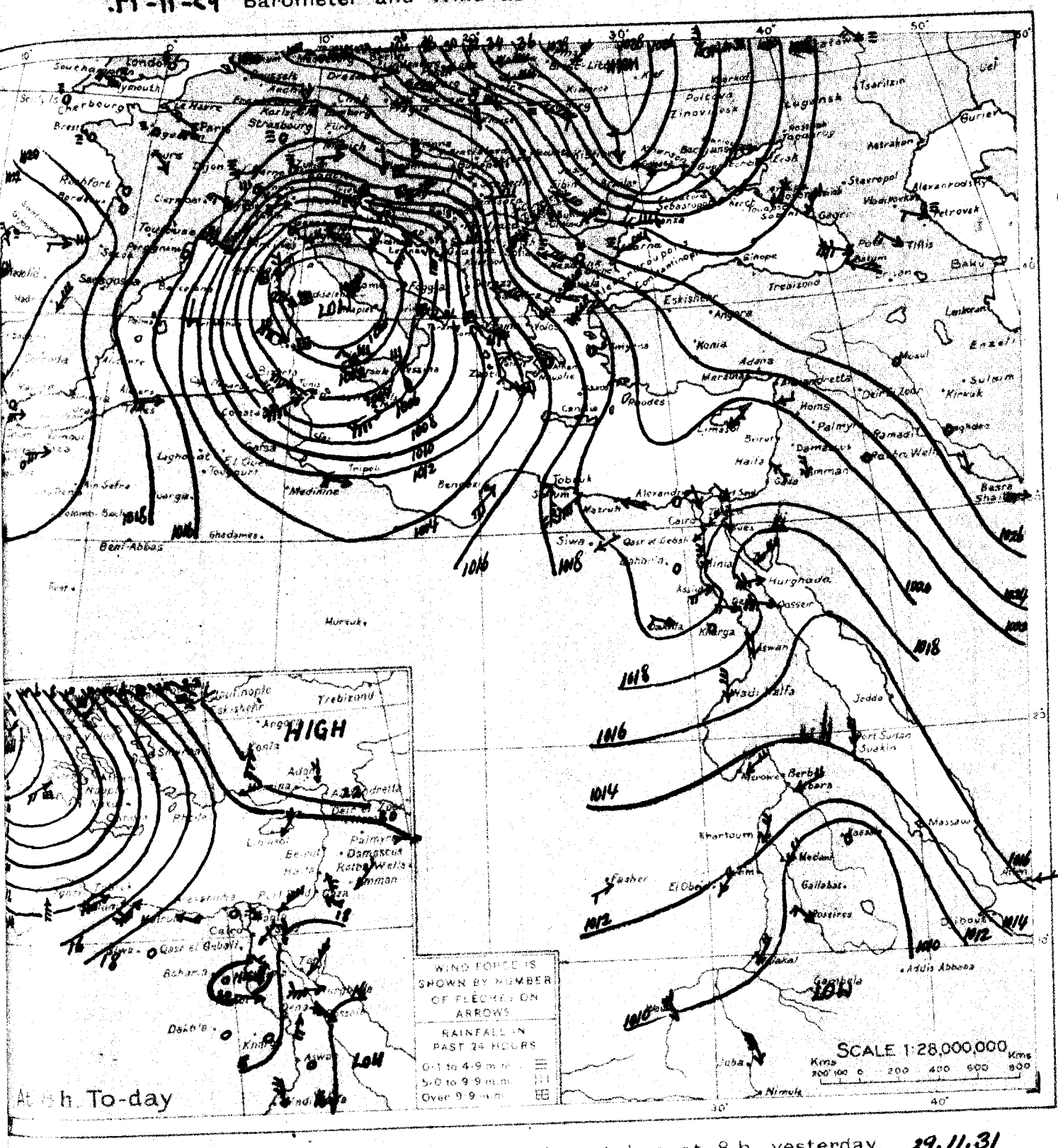
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	29.11	13.52	-0.05	13.52	-0.06
Nasser	29.11	10.10	+0.30	10.14	+0.29
Malakal	29.11	12.26	+0.06	12.26	+0.06
Roseires	30.11	13.43	+0.09	13.47	+0.08
Sennar Res.	29.11	20.58	—	20.50	—
Makwar	29.11	5.59	-1.20	5.52	-1.30
Khartoum	30.11	11.62	-0.41	11.62	-0.44
Kh. el Girba					
Atbara	29.11	11.09	-0.25	11.10	-0.26
Wadi Halfa	30.11	3.19	-0.29	3.23	-0.27
Aswan Res.	30.11	103.00	—	102.43	—
" D.S.	30.11	86.76	-0.59	86.80	-0.60
El Leithi	30.11	19.54	-0.18	19.64	-0.16
Roda (Cairo)	30.11	16.45	0.00	16.54	+0.04

PRINTED AT THE SURVEY OF EGYPT (Zaptieh) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١١-٢٩ Barometer and Wind at 8 h. Yesterday 29.11.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0- 1	0
Almost calm	2- 6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-25	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١١-٢٩ From Observations taken at 8 h. yesterday. 29.11.31

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total (from Oct. 1 to yesterday)	RAINFALL Normal (from Oct. 1 to yesterday)	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	997.9	-10.7	-16.3	NE	3	5	9	-4	—	15	—	6	—	80	—	8	—	226	—
	MALTA	1007.6	-6.6	-10.2	SW	6	4	17	0	—	19	0	13	0	70	—	0	89	144	2
	ATHENS	1016.2	-7.4	-1.0	—	0	5	12	+3	—	—	—	—	—	90	—	—	—	108	—
	CANDIA									—					—	—				
	LIMASSOL	1021.4	+2.0	+4.3	NE	1	1	16	+5		18	-3	7	-3	—	—	0	11	85	1
EGYPT and SUDAN	Kassala	1009.3	0.0	-2.0	—	0	0	27.0	+1.0	+1.0	35	-1	20	0	49	-5	0	8	11	—
	Wad Medani	1009.5	-0.7	-2.6	NE	2	1	25.0	+0.5	+0.3	36	0	19	+1	54	+18	0	11	13	—
	El Fasher	1012.7	+1.6	—	NNW	1	0	16.5	-3.5	-2.1	33	0	9	-2	25	-8	0	0	8	—
	El Obeid	1011.4	-1.3	-2.6	NE	2	1	22.5	+0.1	0.0	31	-2	14	0	34	-1	0	9	19	—
	Wau	1009.0	-0.3	-1.7	NW	6	0	26.4	+2.4	+0.5	33	-3	19	0	46	-22	0	181	145	—

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of NOVEMBER 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Tor	1	Wind force	4
Kharga		State of sky	0
Tor	2	State of sky	0
,,	3	Wind force	4
Atbara		Barometer	—
Kassala... ...		8 h. temp.	—
,,		Humidity	—
Alexandria ...	4	Minimum	17
Qosseir		Wind direction	NW
,,		8 h. temp.	—
,,		Humidity	—
El Fasher ...		8 h. temp.	21·5
,,		Humidity	28
Port Said ...	5	Minimum	18
Tanta	6	Wind direction	WSW
Tor		Wind force	4
,,	7	Wind force	4
Kharga		Wind direction	—
,,		Wind force	0
Wadi Halfa ...		Wind force	2
Kassala... ...		Maximum	—
Sollum	8	Minimum	14
Tor		Wind force	4
Kassala... ...		Maximum	—
Port Sudan ...	9	Barometer	1015·5
Kassala... ...		Maximum	—
,,	10	Maximum	—
El Obeid ...		Wind force	2
Matruh... ...	11	Minimum	16
Alexandria ...		8 h temp.	—
,,		Humidity	—
Hurghada ...		State of sky	2
Kassala... ...		Maximum	—
Atbara	12	8 h. temp.	20·0
,,		Humidity	64
Wau		8 h temp.	29·1
,,		Humidity	57
Tor	13	Wind force	2
Sollum	14	Minimum	15
Tor		Wind force	2
Atbara		Barometer	—
El Fasher ...		8 h. temp.	12·5
,,		Humidity	49
Tor	15	Wind force	3
Kassala... ...		Maximum	—
Tor	16	Wind force	3
Qasr el Gebali.		Humidity	84
Aswân		Minimum	18
Kassala... ...		Maximum	—
El Obeid ...		Rainfall	0
Merowe... ...	17	Minimum	—
Hurghada ...	18	Wind direction	NW
,,		State of sky	0
Wâdi Halfa ...		Wind force	2

STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value
Hurghada ...	19	Wind direction	NW
Tor		Wind force	2
Qasr el Gebali.		Barometer	1017·5
Merowe... ...		8 h. temp	26·0
,,		Humidity	27
Alexandria ...	20	State of sky	1
Tor		Wind force	3
Hurghada ...		Wind direction	NW
Sollum	21	Minimum	15
Tor		Barometer	1014·3
Hurghada ...		Wind direction	NW
El Fasher ...		Minimum	14
Alexandria ...	22	Minimum	16
Tor		Wind force	3
Hurghada ...		Wind direction	NW
Port Sudan ...		Rainfall	Drops
Tor	23	Wind force	2
Hurghada ...		State of sky	1
Qosseir		Wind force	3
,,		State of sky	1
Port Sudan ...		Barometer	1011·4
,,		8 h. temp.	28·5
,,		Humidity	75
Gaza	24	State of sky	0
Tor		Wind force	3
Hurghada ...		Wind direction	NW
Qosseir		State of sky	2
Minya		State of sky	3
Tor	25	Wind force	5
,,		8 h. temp.	20·1
,,		Humidity	18
Hurghada ...		Barometer	1016·6
Qena		Maximum	—
Port Said ...	26	State of sky	1
Haifa		Rainfall	Drops
Tor		Wind force	3
Minya		State of sky	2
Port Sudan ...		Rainfall	Drops
Gaza	27	State of sky	2
Tor		Wind force	3
Qosseir		State of sky	1
Minya		Maximum	—
El Fasher ...		8 h. temp.	17·0
,,		Humidity	43
,,	28	8 h. temp.	25·0
,,		Humidity	14
Wau		Maximum	—
Tor	29	8 h. temp.	11·7
,,		Humidity	66
Qosseir		State of sky	2
Kharga		Minimum	7
Tor	30	Wind force	2
Haifa		Humidity	45
Minya		Barometer	1019·1

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR NOVEMBER, 1931.

The Weather.

At the beginning of the month the weather was mild and fine, but by the 2nd a steep gradient of pressure developed from central Europe across the eastern Mediterranean to Egypt, giving rise to fresh cold north winds in Egypt, where low temperatures prevailed for a week. At Alexandria the wind reached a velocity of seventy kilometres per hour. Light showers were general. The current of cold air which had invaded Egypt advanced throughout the Sudan by the end of the week. During the cold spell, temperatures in Egypt were about 5°C below normal; in the northern Sudan the deficit of temperature was larger.

By the 8th high pressure had formed over Egypt and with small modifications conditions remained settled for a fortnight, during which period there was much easterliness in the wind and temperatures were slightly above normal; mists occurred on some mornings. On the 24th a depression was situated near the Syrian coast, and resulted in a change of conditions in Egypt. The arrival of northwest winds brought a large fall in temperature, and showery weather prevailed throughout Lower Egypt. At most inland places the rain was very light but at Damanhour 6 millimetres were recorded. There was heavier rain on the coast; at Sollum 24 millimetres were registered in two days. The weather in Cairo was dull and cool for three days, but the rainfall amounted only to 3 millimetres.

High pressure and settled conditions were re-established by the end of the month.

For the month as a whole the atmospheric pressure was above normal in Lower and Middle Egypt but below elsewhere. The temperature was above normal in all districts except Middle and Upper Egypt. Rainfall was below normal throughout Egypt and the southern Sudan, but was abnormally heavy in the Port Sudan district.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR NOVEMBER, 1931.

DISTRICTS.	BAROMETRIC PRESSURE.		TEMPERATURE.						RAINFALL.	
			MAXIMUM.		MINIMUM.		MAX. + MIN. 2.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.	°C.	mm.	mm.
I. Mediterranean	1018·8	+1·7	24·6	—0·1	17·0	+0·4	20·8	+0·2	12	— 10
II. Middle Egypt	1018·7	+1·1	24·5	—1·0	12·5	—0·9	18·5	—1·0	2	— 3
III. Upper Egypt	1016·3	—0·1	28·6	—0·9	14·1	—0·1	21·4	—0·5	0	— 2
IV. North Sudan	1010·6	—1·2	36·0	+0·3	20·5	+0·7	28·2	+0·5	0	0
V. Red Sea*	1013·0	—0·5	31·0	0·0	24·4	+0·9	27·7	+0·4	99	+ 53
VI. Central Sudan	1009·1	—2·0	36·4	+0·2	19·5	+1·4	28·0	+0·8	2	+ 1
VII. South Sudan	1009·3	—1·1	35·8	+0·5	20·6	+1·2	28·2	+0·8	6	— 14

* Port Sudan only.

NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

L. J. SUTTON,
Director, Meteorological Service

State of the River.

Lake Albert at Butiaba rose three centimetres during November. Its level on December 1st 1931 was 68 cms. above normal and 42 cms. above that of the corresponding day of last year.

The Bahr el Jebel at Juba fell rapidly during the first week and fluctuated below normal thereafter.

River Sobat at Nasser remained steady during the first ten days and fell at almost normal rate thereafter.

The White Nile at Malakal remained steady throughout the month. The levels were identical with the normal, but above last year's.

The Blue Nile at Roseires fell normally throughout the month. The levels were a few centimetres above normal but much above last year's. At Khartoum the Blue Nile fell rapidly during the first week and at almost normal rate thereafter. The rapid fall during the first week was due to the commencement of the filling of Sennar Reservoir.

River Atbara at Khashm el Girba fell at normal rate. The levels were below the normal but above last year's.

The Main Nile at Wadi Halfa fell rapidly throughout the month. The levels were above normal during the first fortnight and below it during the second, but much above last year's throughout.

The differences of the Mean levels in November 1931 from those of November 1930 and from the normal 1906-30 were:—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	Nov. 1931 Minus Nov. 1930.	Nov. 1931 Minus Normal.
	Metres.	Metres.
Juba	— 0·09	— 0·13
Nasser	+ 1·14	+ 0·15*
Malakál	+ 0·47	+ 0·01
Roseires	+ 0·47	+ 0·10
Khartoum	+ 0·52	— 0·32
Wadi Halfa	+ 1·01	+ 0·10

* Nasser Normal is for 1922-30 only.

Discharges of the Nile during October, 1931.

Observed by the Irrigation Department.

Aswân.

(Measured by sluices.)

Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	91·81	7470
2	91·74	7320
3	91·64	7200
4	91·57	7030
5	91·44	6830
6	91·34	6650
7	91·22	6450
8	91·15	6320
9	91·03	6160
10	90·90	5960
11	90·80	5830
12	90·70	5700
13	90·59	5570
14	90·50	5410
15	90·37	5220
16	90·29	5090
17	90·22	5010
18	90·15	4940
19	90·10	4870
20	90·02	4770
21	89·94	4650
22	89·86	4550
23	89·82	4490
24	89·80	4470
25	89·83	4510
26	89·91	4640
27	90·03	4800
28	90·13	4930
29	90·17	4960
30	90·14	4920
31	90·09	4860
Approx. Monthly Mean		5530
Normal Mean 1912-1930		5420

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	7·32	7240
5	7·01	6690
7	6·83	6420
9	6·58	5910
12	6·27	5370
14	6·08	5150
16	5·93	5080
19	5·75	5060
21	5·61	4600
23	5·64	4660
26	5·96	5110
28	5·91	4960
30	5·83	4940
31	5·75	4830
Approx. Monthly Mean		5520
Normal Mean 1912-1930		5650

River Atbara (kilo. 3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	12·38	423
10	12·06	334
14	11·89	331
19	12·24	512
25	11·79	236
31	11·24	145
Approx. Monthly Mean		352
Normal Mean 1912-1930		270

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	15·26	6320
6	14·67	5160
11	14·32	4590
15	14·16	4330
20	14·46	4880
26	14·06	4320
Approx. Monthly Mean		4730
Normal Mean 1912-1930		4450

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	14·29	4860
8	14·08	4490
14	13·80	4160
19	14·09	4500
24	13·80	4050
29	13·30	3430
Approx. Monthly Mean		4340
Normal Mean 1912-1930		4380

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	14·88	4150
6	14·48	3520
11	14·16	3070
15	14·36	3810
20	14·42	3770
26	13·84	2590
Approx. Monthly Mean		3220
Normal Mean 1912-1930		3010

Makwâr (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	9·30	3200
5	9·09	2840
7	9·04	2800
10	8·88	2590
12	9·42	3420
14	9·96	3750
17	9·66	3450
20	9·21	3130
24	8·31	2220
26	7·95	1910
28	7·62	1640
31	7·27	1390
Approx. Monthly Mean		2760
Normal Mean 1912-1930		2590

Gezîra Main Canal.

(Kilo. 1·3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	16·23	82
1	16·23	78
15	16·33	83
15	16·33	84
Approx. Monthly Mean		80
Normal Mean 1925-1930		67

Wad el Aies (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	10·55	3160
5	10·28	2970
7	10·30	2920
10	10·15	2780
12	10·84	3520
14	11·06	3750
17	10·90	3600
19	10·60	3280
21	10·12	2790
24	9·44	2280
26	9·10	1960
28	8·90	1830
31	8·67	1610
Approx. Monthly Mean		2830
Normal Mean 1912-1930		2350

Roseires (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
17	17·56	3600
19	17·00	3160
21	16·54	2740
24	15·88	2120
25	15·74	2000
27	15·54	1860
29	15·28	1670
31	15·08	1530
Approx. Monthly Mean		—
Normal Mean 1912-1930		2350

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	14·71	1550
7	14·43	1540
12	14·16	1330
17	14·40	983
22	14·32	1270
27	13·86	1490
Approx. Monthly Mean		1360
Normal Mean 1912-1930		1390

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	12·13	1190
11	12·18	1190
17	12·20	1180
20	12·20	1170
26	12·23	1210
30	12·24	1200
Approx. Monthly Mean		1190
Normal Mean 1912-1930		1230

Hillet Doleib (River Sobât).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	13·52	700
9	13·53	698
14	13·60	705
19	13·62	725
24	13·64	742
29	13·67	744
Approx. Monthly Mean		718
Normal Mean 1912-1930		756

River Sobât.

(400 mts. D.S. Baro-Pibor Junction)

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	10·37	733
2	10·39	723
5	10·44	740
6	10·45	745
8	10·47	747
10	10·49	740
12	10·51	745
13	10·51	737
15	10·52	754
16	10·53	752
17	10·53	756
19	10·54	743
20	10·55	754
22	10·55	747
24	10·55	753
26	10·56	747
27	10·56	753
29	10·56	750
30	10·57	752
31	10·57	749
Approx. Monthly Mean		746

River Baro.

(6 kms. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·50	527
2	9·51	525
5	9·53	508
6	9·54	530
8	9·55	527
10	9·56	523
12	9·58	502
13	9·58	516
15	9·59	517
16	9·59	514
17	9·59	511
19	9·60	516
20	9·60	505
22	9·60	513
24	9·60	509
26	9·61	513
27	9·61	515
29	9·61	513
30	9·60	517
31	9·60	517
Approx. Monthly Mean		516

Gambeila (River Baro).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	13·02	913
6	12·96	904
9	13·20	934
13	13·27	983
16	13·06	940
20	12·51	718
23	11·96	609
27	11·54	474
30	11·19	393
Approx. Monthly Mean		779
Normal Mean 1928-1930		711

Discharges of the Nile during October, 1931 (*continued*).

Observed by the Irrigation Department.

River Pibor

(6 kms. U.S. Baro Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	9·50	146
2	9·51	151
5	9·53	158
6	9·54	162
8	9·55	158
10	9·56	165
12	9·58	165
13	9·58	172
15	9·59	173
16	9·59	169
17	9·59	175
19	9·60	173
20	9·60	170
22	9·60	172
24	9·60	172
26	9·61	174
27	9·61	169
29	9·61	169
30	9·60	167
31	9·60	165
Approx. Monthly Mean		166

Bahr el Zerâf (Kilo. 3).

(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·66	149
18	12·72	150
28	12·74	144
Approx. Monthly Mean		148
Normal Mean 1912-1930		162

(D.S. Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	26·82	170
7	26·82	177
11	26·83	175
14	26·84	168
18	26·84	173
21	26·84	187
25	26·86	161
28	26·87	180
Approx. Monthly Mean		175
Normal Mean 1927-1930		157

(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	28·49	54
6	28·49	58
10	28·49	60
13	28·51	62
17	28·51	65
20	28·51	62
24	28·51	61
27	28·53	64
31	28·53	67
Approx. Monthly Mean		61
Normal Mean 1927-1930		14

Abu Tong (White Nile).

(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·78	352
18	12·85	320
28	12·87	318
Approx. Monthly Mean		330
Normal Mean 1923-1930		308

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·89	312
17	13·93	314
27	13·94	316
Approx. Monthly Mean		313
Normal Mean 1923-1930		308

Bahr el Ghazal (at mouth)

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·89	36
17	13·93	38
27	13·94	41
Approx. Monthly Mean		37
Normal Mean 1923-1930		38

Bahr el Jebel (Kilo. 3).

(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·89	288
17	13·93	283
27	13·94	281
Approx. Monthly Mean		284
Normal Mean 1923-1930		273

(Kilo. 281).

(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·92	421
5	26·92	419
8	26·93	398
12	26·95	390
15	26·96	419
19	26·96	406
22	26·95	406
26	26·96	422
29	26·96	420
Approx. Monthly Mean		411
Normal Mean 1927-1930		380

(D.S. Head of Zerâf Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·92	276
5	26·92	275
8	26·93	277
12	26·95	266
15	26·96	276
19	26·96	276
22	26·95	266
26	26·96	263
29	26·96	263
Approx. Monthly Mean		271
Normal Mean 1927-1930		212

Jebel-Zerâf Cuts.

(Tail Cut No. 2).

(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	26·82	5
7	26·82	5
11	26·83	9
13	26·84	9
18	26·84	13
21	26·84	15
25	26·86	15
28	26·87	13
Approx. Monthly Mean		10
Normal Mean 1927-1930		24

(Tail Cut No. 1)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	28·49	49
6	28·49	46
10	28·49	47
13	28·51	49
17	28·51	46
20	28·51	45
24	28·51	45
27	28·53	45
31	28·53	43
Approx. Monthly Mean		46
Normal Mean 1927-1930		68

(Head Cut No. 2).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·92	4
5	26·92	4
8	26·93	4
12	26·95	6
15	26·96	6
19	26·96	6
22	26·95	8
26	26·96	8
29	26·96	7
Approx. Monthly Mean		6
Normal Mean 1927-1930		24

(Head Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	12·11	60
6	12·11	56
10	12·12	57
13	12·14	58
17	12·13	63
20	12·13	61
24	12·13	60
27	12·14	55
31	12·15	56
Approx. Monthly Mean		59
Normal Mean 1927-1930		75

Bahr el Jebel.

(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	12·11	366
6	12·11	358
10	12·12	369
13	12·14	376
17	12·13	353
20	12·13	371
24	12·13	361
27	12·14	365
31	12·15	372
Approx. Monthly Mean		366
Normal Mean 1927-1930		350

Bor (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Sept. 14	11·36	865
15	11·36	793
15	11·36	795
16	11·36	804
16	11·36	789
17	11·36	766
Oct. 3	11·37	758
8	11·37	764
13	11·37	765
18	11·37	772
23	11·38	811
28	11·39	780
Approx. Monthly Mean		773
Normal Mean 1912-1930		757

Khor Unyam Kejo

(Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	11.37	—35
8	11.37	—42
13	11.37	—43
18	11·37	—42
23	11.38	—44
28	11·39	—44
Approx Monthly Mean		—42

Giggin (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	29·51	286
7	29·44	268
12	29·43	273
17	29·46	283
22	29·62	299
27	29·51	297
Approx Monthly Mean		285

Gemeiza (Bahr el Jebel)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	29·24	746
7	29·23	755
12	29·22	786
17	29·26	802
22	29·31	789
27	29·26	794
Approx Monthly Mean		780

Terrikaka (Bahr el Jebel)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	13·96	1020
6	13·92	1030
11	13·88	1050
16	14·22	1150
21	14·09	1130
26	14·02	1100
Approx Monthly Mean		1090

Mongalla (Bahr el Jebel)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	12·46	1030
6	12·48	1100
10	12·43	1100
11	12·38	1120
16	13·03	1150
21	12·48	1100
25	12·39	1090
26	12·56	1130
Approx Monthly Mean		1130
Normal Mean 1912-1930		1010

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading. M.	Gauge. Site.	Disch. m³. p.s.
		River Sobât and Tributaries.			
3-10-1931	Nyanding.	Junction with Sobât	10·40	Nasser.	3
7-10-1931	Pibor.	D.S. Makwai Junction	10·04	Makwai.	174
14-10-1931	,,	,, ,, ,, ...	10·09	,,	181
21-10-1931	,,	,, ,, ,, ...	10·10	,,	179
28-10-1931	,,	,, ,, ,, ...	10·09	,,	178
7-10-1931	Khor Makwai.	At Mouth	10·04	,,	109
14-10-1931	,,	,, ...	10·09	,,	121
21-10-1931	,,	,, ...	10·10	,,	118
28-10-1931	,,	,, ...	10·09	,,	112
7-10-1931	Pibor.	U.S. Makwai Junction	10·04	,,	69
14-10-1931	,,	,, ,, ,, ...	10·09	,,	66
21-10-1931	,,	,, ,, ,, ...	10·10	,,	68
28-10-1931	,,	,, ,, ,, ...	10·09	,,	74
9-10-1931	,,	D.S. Gila Junction	10·11	Gila.	149
23-10-1931	,,	,, ,, ,, ...	10·08	,,	148
9-10-1931	Gila.	At Mouth	10·11	,,	19
23-10-1931	,,	,, ...	10·08	,,	22
9-10-1931	Pibor.	U.S. Gila Junction	10·11	,,	141
23-10-1931	,,	,, ,, ,, ...	10·08	,,	130
		Bahr el Jebel and Tributaries.			
10-10-1931	Bahr el Jebel.	Khor Soliman	12·43	Mongalla	—1
25-10-1931	,,	,, ,, ...	12·39	,,	—1
10-10-1931	,,	,, Luri	12·43	,,	7
25-10-1931	,,	,, ,, ...	12·39	,,	9
10-10-1931	,,	,, Koda...	12·43	,,	8
25-10-1931	,,	,, ,, ...	12·39	,,	4

P. Phillips,

Director, Hydrological Service.

1417 F.C.

MINISTRY OF PUBLIC W(

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 35 m

" " sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Tuesday 1st December, 1931 ١٩٣١ الثلاثاء اول ديسمبر

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
	m.m	m.m	m.m				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m	m.m	
MEDITERRANEAN: SOLLUM	1015.6	−2.2	−2.6	SSW	7	2	14.6	+0.2	—	21	—	13	—	51	—	0	33	—	3
MATRUH	1017.4	−1.8	−0.7	SSW	2	0	14.0	+2.7	−1.5	21	−1	10	−2	63	−12	0	22	39	1
ALEXANDRIA	1018.7	−0.9	+0.3	SE	1	3	16.8	+0.2	−0.4	24	+1	12	−2	73	+1	0	6	38	1
PORT SAID	1018.0	0.0	+1.0	SSW	2	8	14.9	−4.4	−3.0	23	+1	13	−1	93	+19	0	10	14	1
GAZA	—	—	—	SW	1	0	12.2	−0.9	−3.9	21	−1	10	−2	73	+1	0	56	42	—
HAIFA	1017.1	−0.7	+0.9	SSE	1	0	17.4	−0.7	−0.2	25	+2	11	−2	60	−3	0	45	106	1
UPPER EGYPT: TANTA	1017.4	−1.6	—	WNW	1	0	10.0	−3.0	—	23	—	7	—	100	—	0	1	—	—
ALEXANDRIA	1018.3	−0.3	−0.2	—	0	0	11.2	+0.8	−2.6	24	+1	9	−2	95	+14	0	6	4	—
ZIZA	1018.8	+0.1	−0.2	—	0	8	9.0	−1.0	—	22	0	5	−5	99	—	0	8	4	—
HELWAN	1018.7	+0.1	+0.4	—	0	0	12.8	0.0	−1.4	23	+1	10	−2	78	+9	0	7	4	—
SIWA	1016.7	−1.5	−2.4	—	0	0	12.8	+2.0	+0.7	23	0	6	−2	45	−24	0	drops	2	—
[illegible]	1017.0	−0.9	−0.7	N	2	0	12.2	−0.7	−4.1	23	−1	10	−4	80	+4	0	drops	8	1
[illegible]	—	—	—	NE	1	0	13.0	−1.9	−3.7	21	−3	9	−3	68	+6	0	0	5	1
HURGHADA	1017.1	+0.1		W	5	0	16.9	−0.4	—	24	—	11	—	62		0	0		3
[illegible]	1016.7	+0.7	—	W	3	0	20.0	+1.5	—	24	—	16	—	59		0	0		3
[illegible]	1019.5	+0.5	+0.9	NW	1	0	11.2	+0.2	−2.5	22	−1	7	−3	80	+1	0	0		
[illegible]	1019.2	−1.2		SE	2	0	9.5	0.0	−4.8	20	−3	5	−5	87	+8				
[illegible]	1019.5	+0.1	+0.6	W	2	0	11.8	+1.6	−2.0	23	−1	7	−3	71	−1	0	0		
[illegible]	1018.2	+0.4		WNW	2	1	12.7	0.0	−2.8	26	−1	9	−2	69	+7				
[illegible]	1019.1	+0.3		—	0	0	11.7	+0.4	—	23	—	4		69		0	0		
[illegible]	1017.4	0.0	0.0	—	0	1	14.4	+0.7	−3.0	25	−3	11	−2	53	+3				
[illegible]	1017.0	−0.1	−0.9	—	0	0	13.2	+0.2	−2.6	25	−3	8	−3	47	−3				
[illegible]	1015.1	+0.3	−0.5	NE	1	0	20.5	+1.5	−1.3	33	0	15	−1	23	−13	0	0	1	
[illegible]	1013.1	+0.5	+0.3	N	1	0	22.4	−0.1	+0.4	33	+1	19	+1	34	−1	0	16	5	
[illegible]	1015.1	0.0	+0.5	N	3	2	27.5	+1.4	+1.5	29	−1	24	+2	73	+5	49	99	61	3
[illegible]	1008.0	+0.9	−2.9	WNW	1	1	25.5	−1.5	+1.5	38	+1	21	+4	45	−4	0	67	37	
[illegible]	1013.0	+0.4		WNW	2	2	19.5	+3.5	+1.3	34	+1	9	−2	31	−2	0	0	8	
[illegible]	1010.8	+0.8	−0.2	N	3	0	28.5	+0.2	+3.1	36	0	20	+2	32	−6	0	92	93	

TEMP. F C — PRESS Mm Mb

General Situation

8.45 The Mediterranean depression is centred between Malta and Crete and is becoming shallower. The high pressure over Egypt is maintained except in the west and north where the pressure is falling slowly.

حالة الجو

يوجد انخفاض البحر المتوسط المتمركز بين مالطة وجزيرة كريت وهو آخذ في الاضمحلال ويزال الارتفاع الذي فوق مصر ما عدا الجهة الغربية والشمالية حيث أخذ الضغط في الهبوط ببطء.

6.00	10	N
10.00	15	SW
15.00	20	SW
20.00	45	SW
23.00	15	SW

Forecast for 24 hours from noon to-day.

On the coast moderate southerly winds. Inland light variable winds.
Clear or occasional high cloud.
Mild.

التوقعات للخمس والعشرين ساعة التالية من ظهر اليوم الى ظهر الغد

رياح معتدلة جنوبية على الساحل ورياح خفيفة مختلفة الاتجاه في الداخل - السماء صحو او يظهر بها بعض السحاب العالي احيانا - درجة الحرارة معتدلة.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	70	+5	15.4	+1.3
Ezbekiya	78	+8	12.5	−1.9
Giza	89	+15	12.7	—
Helwan	53	−5	11.8	−0.6

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
30.11	1444	1311
29.11	1453	1242

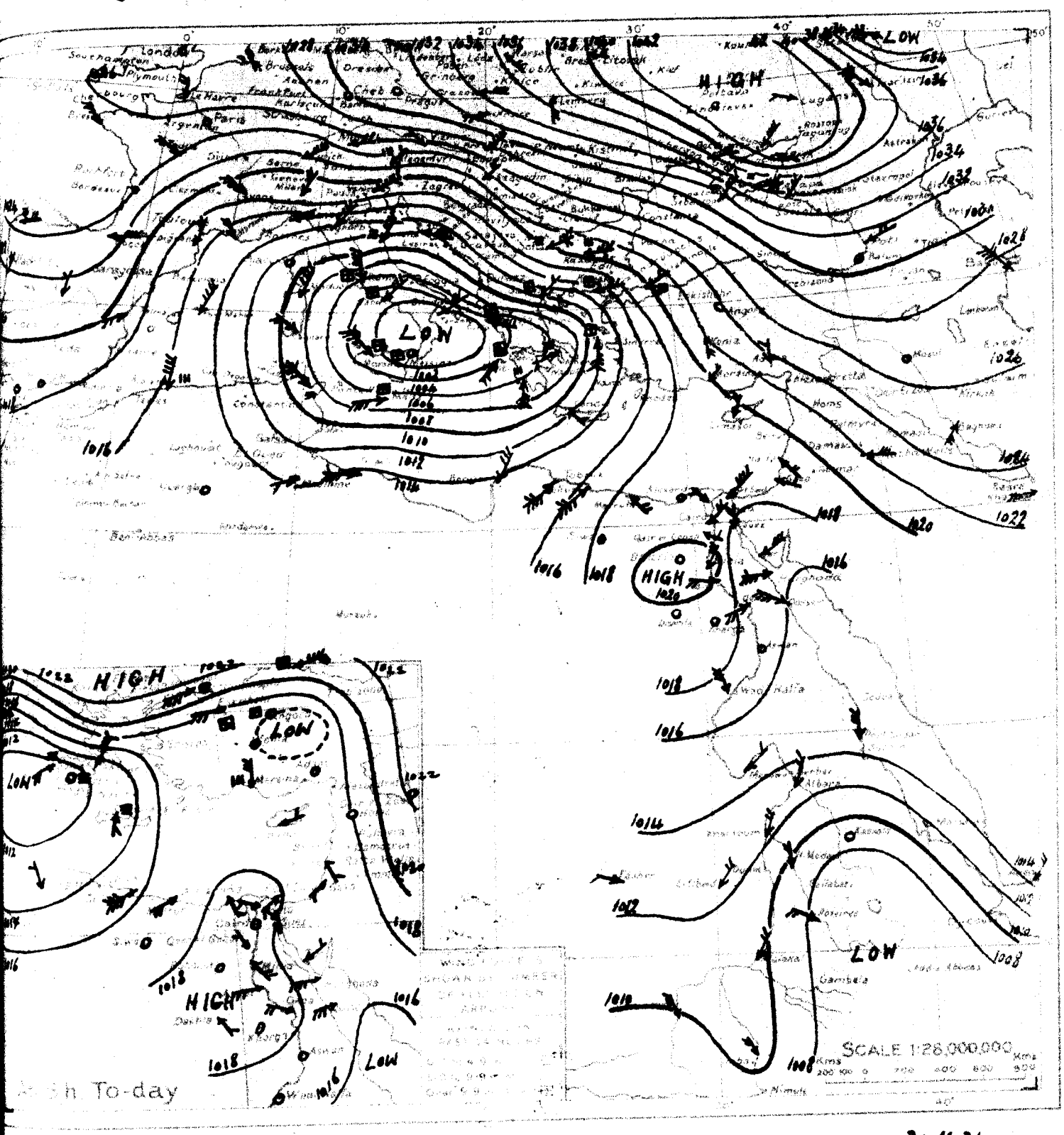
GAUGE	Date	Reading	Diff. from normal	Previous (B) Reading	Previous (B) Diff. from normal
	1931	m.	m.	m.	m.
Juba	30.11	13.68	+0.11	13.52	−0.05
Nasser	30.11	10.05	+0.30	10.10	+0.30
Malakal	1.12	12.25	+0.06	12.26	+0.06
Roseires	1.12	13.39	+0.09	13.43	+0.09
Sennar Res.	30.11	20.66	—	20.58	—
Makwar	30.11	5.63	−1.14	5.59	−1.20
Khartoum	1.12	11.58	−0.42	11.62	−0.41
Kh. el Girba					
Atbara	30.11	11.00	−0.32	11.09	−0.25
Wadi Halfa	30.11	3.19	−0.29	3.23	−0.27
Aswan Res.	30.11	103.00	—	102.83	—
" D.S.	30.11	86.76	−0.59	[illegible]	−0.60
El Leithi	1.12	19.45	−0.20	19.37	−0.18
Roda (Cairo)	30.11	16.45	0.00	16.54	+0.11

PRINTED AT THE SURVEY OF EGYPT 1929(23/559/1) 1930 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-١١-٢٠ Barometer and Wind at 8 h. Yesterday 30.11.31.



WIND VELOCITY

	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 above 104		12

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Fog	5
Sand Rain	6
Sand Cloud	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

.٢١-١١-٢٠ From Observations taken at 8 h. yesterday 30.11.31

	STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change in past 24 hours	BAROMETER: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in past 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Maximum yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1st to yesterday	RAINFALL: Normal from Oct. 1st to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1005.1	+7.2	-9.2	N	4	4	10	+1	—	12	—	9	—	60	—	21	—	230	—
	MALTA	1006.5	-1.1	-11.3	W	4	5	14	-3	—	19	+1	13	0	80	—	10	99	146	2
	ATHENS	1006.6	-9.6	-10.6	WSW	1	4	17	+5	—	—	—	11	+2	80	—	rain	—	111	—
	CANDIA														—	—				
	LIMASSOL	1018.6	-2.8	+1.5	NNE	2	0	16	0		19	-1	6	-4	—	—	0	11	87	4
EGYPT and SUDAN	Kassala كسلا	1009.3	0.0	-2.1	—	0	0	27.0	0.0	+1.1	36	0	20	0	52	-2	0	8	11	—
	Wad Medani وادي مدني	1009.9	+0.4	-2.3	N	2	0	26.0	+1.0	+1.4	36	0	21	+3	45	+8	0	11	13	—
	El Obeid الأبيض	1011.6	+0.2	-2.5	NE	2	1	23.8	+1.3	+1.5	32	0	15	+2	33	-2	0	9	19	—
	Wau واو	1009.1	+0.1	-1.6	NW	3	0	25.0	-1.4	-0.9	36	0	19	0	64	-3	0	181	145	—
	Juba جوبا	1010.6	+0.7	—	NW	2	3	24.4	-2.1	—	33	—	20	—	80	—	0	128	131	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 35 m

" " sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Wednesday 2nd December, 1931 — ١٩٣١ — الاربعاء ٢ ديسمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1017.1	+1.5	−1.1	WNW	3	1	11.9	−2.7	—	23	—	10	—	87	—	0	33	—	1
	MATRUH	1016.2	−1.2	−1.9	WNW	2	3	17.7	+3.7	+2.4	23	+2	13	+1	83	+8	0	22	40	3
	ALEXANDRIA	1016.4	−2.3	−2.0	WSW	4	3	16.7	−0.1	−0.3	24	+2	13	−1	57	−15	0	6	40	2
	PORT SAID	1016.2	−1.8	−0.8	SSW	3	8	15.2	+0.3	−2.5	22	0	13	−1	74	0	0	10	15	2
	GAZA	—	—	—	SE	1	2	12.7	+0.5	−3.3	20	−2	10	−2	74	+2	0	56	46	—
	HAIFA	1015.2	−1.9	−1.1	SSW	1	3	17.7	+0.3	+0.3	20	−3	9	−3	67	+3	0	45	113	3
LOWER EGYPT	TANTA	1016.0	−1.4	—	SE	1	3	13.0	+3.0	—	18	—	10	—	77	—	0	1	—	—
	CAIRO: EZBEKIYA	1016.3	−2.0	−2.3	SE	2	1	13.0	+1.8	−0.6	23	0	11	0	67	−14	0	6	4	—
	CAIRO: GIZA	1017.0	−1.8	−2.1	SSE	2	2	13.9	+4.9	—	24	+2	9	−1	68	—	0	8	4	—
	CAIRO: HELWAN	1017.8	−0.9	−0.5	SE	1	2	12.2	−0.6	−1.8	21	−1	12	0	63	−6	0	7	4	—
	SIWA	1016.0	−0.7	−3.1	—	0	0	14.9	+2.1	+3.0	28	+5	6	−2	63	−6	0	drops	2	—
RED SEA	SUEZ	1015.9	−1.1	−1.9	E	1	4	15.8	+3.6	−0.3	22	−2	11	−2	61	−15	0	drops	8	0
	TOR	1015.6	—	−1.5	N	1	0	15.1	+2.1	−1.4	23	−1	10	−2	65	+3	0	0	5	1
	HURGHADA	1016.3	−0.8	—	W	5	0	17.6	+0.7	—	25	—	12	—	56	—	0	0	—	3
	QOSSEIR	1016.3	−0.4	—	W	3	0	20.6	+0.6	—	25	—	16	—	47	—	0	0	—	2
UPPER EGYPT	GEBALI	1017.8	−1.7	−0.8	W	1	0	11.0	−0.2	−2.4	24	+1	8	−1	82	+3	0	0	—	—
	MINYA	1018.6	−0.6	—	SE	3	3	13.5	+4.0	−0.5	20	−2	7	−3	72	−7	—	—	—	—
	ASYUT	1018.8	−0.7	−0.2	S	2	0	10.9	−0.9	−2.7	23	0	8	−2	57	−15	0	0	—	—
	QENA	1018.0	−0.2	—	WNW	2	0	13.2	+0.5	−2.0	26	0	8	−3	65	+3	—	—	—	—
	KHARGA	1019.4	+0.3	—	—	0	0	13.8	+2.1	—	25	—	5	—	63	—	0	0	—	—
	ASWAN	1017.2	−0.2	−0.3	—	0	0	14.1	−0.3	−3.1	27	−1	10	−3	54	+4	—	—	—	—
NORTH SUDAN	WADI HALFA	1016.8	−0.2	−1.2	—	0	0	12.4	−0.8	−3.2	27	−1	7	−4	48	−2	—	—	—	—
	MEROWE																			—
	ATBARA	1012.6	−0.2	−1.0	N	2	0	24.0	+1.0	+0.7	34	+1	20	+3	57	+19	0	0	1	—
	KHARTOUM	1012.2	−0.9	−0.7	NNW	2	0	22.9	+0.5	+1.0	34	+2	20	+2	32	−3	0	16	5	—
SOUTH SUDAN	KOSTI	1015.0	−0.1	+0.4	N	3	1	27.1	−0.4	+1.2	31	+2	25	+3	76	+8	0	99	62	3
	ROSEIRES	1007.5	−0.5	−3.5	NW	2	0	26.5	+1.0	+2.6	37	0	20	+3	40	−9	0	67	37	—
	EL FASHER	1013.1	+0.1	—	WNW	1	0	19.5	0.0	+1.5	34	+2	12	+1	28	−5	0	0	8	—
	EL OBEID																			—
	MALAKAL	1011.0	+0.2	0.0	NNW	3	0	28.0	−0.5	+2.6	36	0	20	+2	32	−5	0	92	93	—
	WAU	1010.0	−0.2	−0.8	NW	3	0	26.0	+1.0	+0.1	36	0	20	+2	52	−15	0	181	146	—
	JUBA	1010.7	−1.1	—	SW	3	2	25.8	−0.9	—	35	—	19	—	67	—	0	128	132	—

TEMP. F C — PRESS. Mm. Mb.

Upper Air observations at Helwan at 8.30 p.m.

Height in Metres	Km. per hour	Direction
500	35	S
1000	15	SW
1500	25	WSW
2000	40	W
3000	40	WNW

General Situation

The depression east of Malta continues to become shallower. A depression has arrived north of Egypt. A wedge of high pressure extending from central Europe separates these depressions.

There is a high pressure over Upper Egypt.

الحالة الجوية

يستمر الانخفاض الذي في شرق مالطا في الاستواء وقد وصل انخفاض شمال مصر . ويوجد شريط من الضغط العالي يمتد من اواسط اوروبا ويتوسط الانخفاضين السابقين . والضغط على الصعيد مرتفع .

Forecast for 24 hours from noon to-day.

On the coast fresh southwest to west winds; inland fresh southerly winds.
Much cloud at times.
Rain on the coast probable.
Conditions unsettled.

تنبؤات الطقس لحظوظها في الطقس من ظهر اليوم الى ظهر الغد

رياح شديدة نوعا ما بين الجنوبي الغربية والغربية على الساحل وجنوبية في الداخل - يكثر السحاب في بعض الاوقات ويحتمل ان تمطر على الساحل - وحالة الجو غير مستقرة .

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	71	+6	15.7	+1.7
Ezbekiya	83	+12	12.6	−1.7
Giza	87	+12	11.7	—
Helwan	61	+2	12.0	−0.2

NOTE A dash means that figures are not available

Remarks

* Sennar Reservoir gauge reading for 19.11.31 published on 20 & 21.11.31 should read 19.69 instead of 19.60 m.

ملاحظة - صحة قراءة خزان سنار يوم ١٩/١١/٣١ المذكورة بنشرتي يومي ٢٠ و ٢١/١١ ١٩,٦٩ بدلا من ١٩,٦٠ متر.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
1.12	1447	1389
30.11	1444	1311

GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	1.12	13.70	+0.14	13.68	+0.11
Nasser	30.11	10.05	+0.30	10.10	+0.30
Malakal	1.12	12.25	+0.06	12.26	+0.06
Roseires	2.12	13.35	+0.08	13.39	+0.09
Sennar Res.	1.12	20.70	—	20.66	—
Makwar	1.12	5.62	−1.13	5.63	−1.14
Khartoum	2.12	11.54	−0.44	11.58	−0.42
Kh. el Girba					
Atbara	2.12	10.94	−0.36	10.94	−0.36
Wadi Halfa	1.12	3.16	−0.27	3.19	−0.29
Aswan Res.	1.12	103.51	—	103.00	—
" D.S.	1.12	86.72	−0.59	86.76	−0.59
El Leithi	2.12	19.56	−0.26	19.73	−0.26
Roda (Cairo)	2.12	16.15	−0.35	16.22	−0.21

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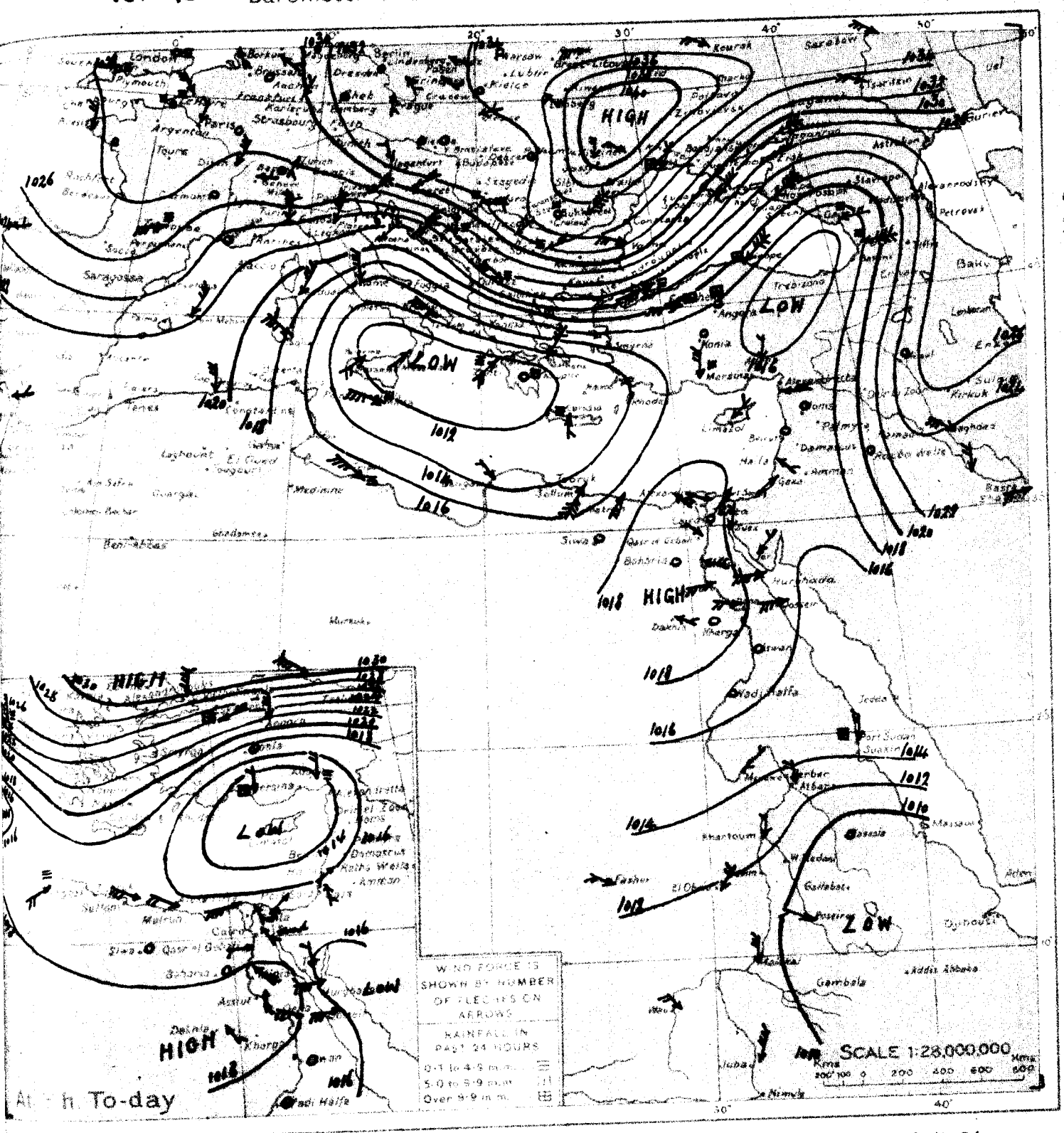
PHYSICAL DEPARTMENT.

REPORT.

١-١٢-٣١. Barometer and Wind at 8 h. Yesterday *1.12.31.*



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١-١٢-٣١. From Observations taken at 8 h. yesterday. *1.12.31.*

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.8	+9.7	+0.5	N	4	3	8	-2	—	13	—	7	—	50	—	—	—	234	—
	MALTA	1012.3	+5.8	-5.5	WNW	4	3	14	0	—	16	-2	12	-1	70	—	5	104	149	3
	ATHENS	1013.8	+7.2	-3.4	NNE	5	5	11	-6	—	—	—	—	—	80	—	—	—	113	—
	CANDIA									—					—	—				
	LIMASSOL	1017.0	-1.6	-0.2	NE	1	0	15	-1		20	0	7	-3	—	—	0	11	89	4
EGYPT and SUDAN	Atbara	1012.8	-0.7	-0.8	N	2	0	23.0	+0.5	-0.5	33	0	20	+3	59	+22	0	0	1	—
	Kassala	1009.6	+0.3	-2.9	—	0	0	27.0	0.0	+1.2	36	0	23	+4	60	+6	0	8	11	—
	El Obeid	1011.9	+0.3	-2.3	NE	2	1	24.7	+0.9	+2.6	32	0	15	+2	27	-8	0	9	19	—
	Wau	1010.2	+1.1	-0.6	NW	2	3	25.0	0.0	-0.9	36	0	20	+2	62	+1	0	181	146	—
	Juba	1011.8	+1.2	—	NNE	4	1	26.7	+2.3	—	34	—	20	—	65	—	0	128	132	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 36

" " sunset 16 55

From Observations taken at 8h. to-day.

Thursday 3rd December, 1931 — الخميس ٣ ديسمبر ١٩٣١

Place	Barometer Reduced to Sea Level	Diff. from Normal	Diff. from Yesterday	Wind Direction	Force	Cloud	Temperature Max.	Diff. from Normal	Diff. from Yesterday	Min.	Diff. from Normal	Diff. from Yesterday	Humidity Max.	Diff. from Yesterday	Rainfall			Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	%	%	mm	hours	hours	
Salum	1018.7	+1.6	+0.6	WSW	4	2	11.7	-0.2		21		10		95		0	33	—	2
Mersa Matruh	1017.9	+1.7	-0.3	WNW	2	2	13.6	-4.1	-1.5	21	0	13	+1	94	+19	0	22	41	3
Alexandria	1018.4	+2.0	0.0	NE	3	3	16.7	0.0	-0.1	24	+2	14	0	84	+11	3	9	42	1
Ras el Tin	1017.8	+1.6	+0.8	WNW	3	8	17.1	+1.9	-0.4	25	+3	15	+1	91	+16	0	10	15	1
Port Said	—	—	—	—	0	3	14.6	+1.9	-1.2	22	0	10	-2	85	+13	0	56	51	
Zagazig	1015.6	+0.4	-0.7	—	0	2	19.6	+1.9	+2.4	22	0	13	+1	56	-8	2	47	119	2
Ismailia	1018.6	+2.6		SSW	1	4	13.2	+0.2		24		9		96		0	1		
Port Ibrahim	1017.8	+1.5	-0.8	S	1	0	12.3	-0.7	-1.1	21	-2	10	-1	93	+12	0	6	4	
Suez	1018.4	+1.4	-0.8	—	0	1	11.4	-2.5	—	21	-1	8	-2	98	—	0	8	4	
Zeitah	1018.4	+0.6	0.0	—	0	0	14.9	+2.7	+1.1	20	-2	12	+1	80	+11	0	7	4	
Hurghada	1019.4	+3.4	+0.2	—	0	0	11.9	-3.0	+0.2	28	+5	8	0	68	-1	0	drops	2	
Port Ibrahim	1017.6	+1.7	-0.3	N	1	0	14.2	-1.6	-1.7	22	-2	12	-1	82	+6	0	drops	8	0
Ismailia	1016.3	+0.7	-0.8	—	0	0	18.2	+3.1	+1.9	24	0	12	0	60	-2	0	0	5	0
Port Said	1017.4	+1.1		W	5	0	19.2	+1.6		25		14		53		0	0		3
Kantara	1016.4	+0.1		WNW	3	0	22.0	+1.4		25		18		29		0	0		2
Port Said	1018.6	+0.8	0.0	W	1	0	12.4	+1.4	-0.6	23	0	10	+1	88	+9	0	0		
Port Tewfik	1018.6	0.0		SE	3	0	11.5	-2.0	-2.3	25	+3	8	-2	82	+3				
Ras Gharib	1018.8	0.0	-0.2	W	2	0	13.8	+2.9	+0.4	26	+3	10	0	72	0	0	0		
Zafarana	1017.8	-0.2		W	1	0	14.1	+0.9	-0.9	28	+2	9	-2	61	-1				
Hurghada	1017.6	-1.8		—	0	0	14.4	+0.6		28		8		56		0	0		
Kosseir	1017.4	+0.2	-0.2	—	0	0	13.6	-0.5	-3.4	27	0	10	-3	50	-1				
Abu Zenima	1016.3	-0.5	-1.8	—	0	0	12.8	+0.4	-2.6	28	+1	9	-2	36	-14				
Wadi Halfa	1013.8	-0.9	-2.0	NE	1	0	22.5	+2.0	+1.0	34	+2	16	+1	17	-19	0	0	1	
Dongola	1012.3	-0.3	-1.4	NE	2	0	24.0	0.0	+0.8	34	+1	19	+2	63	+25	0	0	1	
Kerma	1011.9	-0.3	-1.1	NNW	1	0	22.9	0.0	+1.2	34	+2	20	+2	29	-6	0	16	5	
Khartoum	1014.4	-0.6	-0.3	NW	3	2	26.2	-0.9	+0.4	30	+1	24	+2	76	+8	0	99	63	3
Kassala	1007.5	0.0	-3.6	NNW	2	0	26.0	-0.5	+2.1	38	+1	19	+2	36	-12	0	67	37	
Gedaref	1013.3	+0.2		WNW	2	0	19.0	-0.5	+1.1	34	+2	11	0	30	-4	0	0	8	

General Situation

8.30

Egypt is an area of high pressure. There is a shallow depression over Syria, and a trough of low pressure covers the eastern Mediterranean, with a shallow depression southwest of Crete.

يوجد ارتفاع فوق مصر وهناك انخفاض قريب الغور فوق سوريا والضغط منخفض فوق شرق البحر الابيض وهناك انخفاض آخر بالجهة الجنوبية الغربية لجزيرة كريت.

5	NNW
15	WNW
25	WNW
45	W

Forecast for 24 hours from noon to-day.

On the coast moderate westerly and southwesterly winds; inland light variable winds chiefly westerly.
Some medium cloud.
Possibility of further light rain on the coast.
Normal temperature.

رياح معتدلة غربية وجنوبية غربية على الساحل ورياح خفيفة مختلفة الاتجاه وتكون اكثرها غربية في الداخل. يظهر بعض السحاب المتوسط الارتفاع - يحتمل تساقط مطر خفيف آخر على الساحل - ودرجة الحرارة حوالى المعدل.

Station	Humidity Max. Yesterday	Humidity Max. Yesterday Diff. from Normal	Minimum Temperature Night of Day	Minimum Temperature Night of Day Diff. from Normal
	%	%	°C	°C
Alexandria	61	-4	16.4	+2.5
Ezbekiya	63	-8	12.2	-1.8
Giza	67	-8	12.6	—
Helwan	51	-8	11.2	-0.8

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by Cubic m. per sec.

Date	1931	1930
2.12	1453	1390
1.12	1447	1389

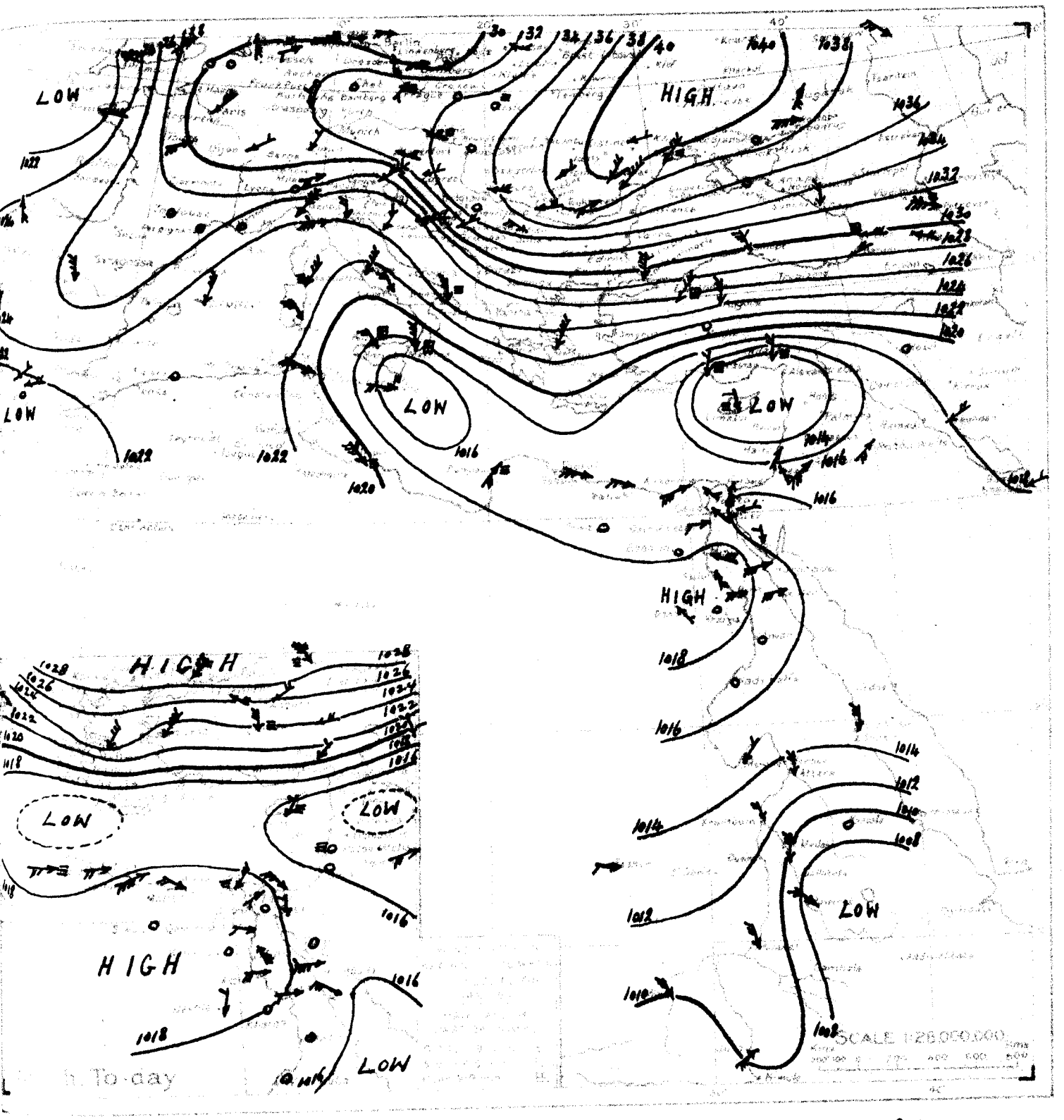
Station	Date	Reading	Diff. from normal	Reading	Diff. from normal
	1931	m	m	m	m
Juba	2.12	13.72	+0.17	13.70	+0.14
Nimule	2.12	9.95	+0.30	10.00	+0.30
Malakal	2.12	12.25	+0.07	12.25	+0.06
Renk	3.12	13.31	+0.07	13.35	+0.08
Sennar Res.	2.12	20.71	—	20.70	—
Makwar	2.12	5.69	-1.03	5.62	-1.13
Khartoum	3.12	11.54	-0.41	11.54	-0.44
Kh. el Girba					
Atbara	3.12	10.92	-0.34	10.94	-0.34
Wadi Halfa	3.12	3.07	-0.32	3.12	-0.29
Aswan Res.	2.12	103.94	—	103.51	—
" D.S.	2.12	86.74	-0.51	86.72	-0.59
El Leithi	3.12	19.21	-0.32	19.36	-0.24
Roda (Cairo)	3.12	16.18	-0.18	16.13	-0.25

PRINTED AT THE SURVEY OF EGYPT 1929(23/600/I) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-١٢-٢ Barometer and Wind at 8 h. Yesterday 2.12.31.



.٢١-١٢-٢ From Observations taken at 8 h yesterday 2.12.31.

ROME	1020.6	+5.8	+6.2	NE	3	1	5	−3	—	12	—	3	—	60	—	—	—	237	—
MALTA	1015.1	+2.8	−2.5	WNW	3	1	12	−2	—	16	−2	11	−2	70	—	6	110	152	3
ATHENS	1022.7	+8.9	+5.5	NE	4	4	6	−5	—	—	—	—	—	80	—	—	—	115	—
CANDIA																			
LIMASSOL	1012.4	−4.6	−4.8	NNW	1	3	17	+2		21	+1	12	+2	—	—	4	15	93	2
Merowe مروى	1014.7	−0.4	−1.0	NE	1	0	20.5	0.0	−1.2	34	+2	16	+1	26	−10	0	0	1	
Kassala كسلا	1009.6	0.0	−2.0	—	0	0	25.5	−1.5	−0.2	36	0	23	+4	69	+14	0	8	11	
Wad Medani وادمدني	1009.3	−0.2	−3.0	N	3	0	28.2	+1.0	+3.9	38	+3	22	+4	38	+1	0	11	13	

EGYPT and SUDAN

417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 37m

" " sunset 16h 55m

From Observations taken at 8h. to-day.

Friday 4th December, 1931 ١٩٣١ الجمعة ٤ ديسمبر

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1017.5	−1.2	−0.6	W	4	3	10.9	−0.8	—	21	—	9	—	90	—	0	33	—	2
	MATRUH	1016.7	−1.2	−1.5	WNW	4	2	13.0	−0.6	−2.0	21	0	12	0	82	+7	0	22	42	4
	ALEXANDRIA	1016.6	−1.8	−1.9	SW	3	3	15.1	−1.6	−1.4	24	+2	14	0	84	+11	0	9	44	1
	PORT SAID	1016.8	−1.0	−0.3	SW	2	2	15.9	−1.2	−1.4	22	0	14	0	80	+5	drops	10	16	2
	GAZA	—	—	—	SE	1	2	13.8	−0.8	−1.9	21	−1	10	−2	81	+9	4	60	55	—
	HAIFA	1015.2	−0.4	−1.1	SSW	1	4	15.3	−4.3	−1.8	24	+2	12	0	72	+8	2	49	126	3
LOWER EGYPT	TANTA	1017.1	−1.5	—	SE	1	1	13.2	0.0	—	22	—	11	—	93	—	drops	1	—	—
	CAIRO: EZBEKIYA	1017.1	−0.7	−1.6	SSE	2	2	13.0	+0.7	−0.2	24	+2	11	0	73	−8	0	6	5	—
	CAIRO: GIZA	1017.6	−0.8	−1.6	SSE	2	3	13.1	+1.7	—	24	+2	9	0	76	—	0	8	4	—
	CAIRO: HELWAN	1017.9	−0.5	−0.5	—	0	3	13.9	−1.0	+0.2	23	+1	12	+1	59	−10	0	7	4	—
	SIWA	1017.9	−1.5	−1.3	—	0	0	14.9	+3.0	+3.4	—	—	10	+2	67	−2	0	drops	2	—
RED SEA	SUEZ	1016.6	−1.0	−1.4	E	2	2	16.0	+1.8	+0.3	24	0	11	−2	66	−10	0	drops	9	1
	TOR	1016.2	−0.1	−1.0	NNE	1	0	16.1	−2.1	−0.1	26	+2	12	0	59	−3	0	0	6	1
	HURGHADA	1017.1	−0.3	—	W	4	0	19.4	+0.2	—	25	—	14	—	64	—	0	0	—	2
	QOSSEIR	1017.0	+0.6	—	W	4	0	21.8	−0.2	—	27	—	17	—	44	—	0	0	—	3
UPPER EGYPT	GEBALI	1018.3	−0.3	−0.4	W	1	0	11.0	−1.4	−1.8	25	+2	9	0	81	+2	0	0	—	—
	MINYA	1020.2	+1.6	—	NE	3	0	13.0	+1.5	−0.6	25	+3	8	−2	89	+10	—	—	—	—
	ASYUT	1019.0	+0.2	−0.1	WSW	2	0	14.7	+0.9	+1.5	25	+2	10	0	73	+1	0	0	—	—
	QENA	1018.0	+0.2	—	W	1	0	15.1	+1.0	+0.3	30	+4	12	+2	66	+4	—	—	—	—
	KHARGA	1017.6	0.0	—	—	0	0	—	—	—	29	—	9	—	—		0	0	—	—
	ASWAN	1017.4	0.0	−0.3	—	0	0	16.5	+2.9	−0.3	29	+2	13	0	42	−9	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.6	−0.7	−2.6	N	1	0	15.6	+2.8	+0.3	28	+1	11	0	51	0	—	—	—	—
	MEROWE	1013.0	−0.8	−2.9	NE	1	0	23.5	+1.0	+2.1	35	+3	18	+3	23	−14	0	0	1	—
	ATBARA	1012.3	0.0	−1.5	N	2	0	24.5	+0.5	+1.5	34	+2	19	+2	60	+22	0	0	1	—
	KHARTOUM	1011.4	−0.5	−1.7	N	2	0	24.0	+1.1	+2.4	33	+1	21	+3	33	−3	0	16	5	—
EAST SUDAN	PORT SUDAN	1015.5	+1.1	+0.8	NW	4	3	22.8	−3.4	−3.0	29	0	21	−1	81	+13	21	120	64	4
	KASSALA	1009.9	+0.5	−1.9	—	0	0	26.5	+0.5	+1.0	37	+1	20	+1	63	+8	0	8	11	—
	WAD MEDANI																			
	ROSEIRES	1007.2	−0.3	−3.9	NW	2	0	25.5	−0.5	+1.7	38	+1	18	+1	39	−9	0	67	37	—
SOUTH SUDAN	EL FASHER	1013.0	−0.3	—	WNW	2	0	19.1	+0.1	+1.3	35	+3	8	−3	16	−18	0	0	8	—
	EL OBEID	1010.8	−1.1	−3.7	NE	2	0	24.0	−0.7	+2.3	33	+1	15	+2	25	−11	0	9	19	—
	MALAKAL	1010.4	−0.4	−0.6	—	0	1	25.6	−0.6	+0.3	36	0	18	0	41	+5	0	92	93	—
	WAU	1009.0	−0.8	−1.9	NNW	2	0	23.9	−1.4	−1.9	37	+1	18	0	47	−19	0	181	146	—
	JUBA	1009.5	0.0	—	SSW	3	1	27.0	+2.5	—	34	—	20	—	66	—	0	128	133	—

TEMP. F. C. 120 110 100 90 80 70 60 50 40 30 20 10 0 −3

PRESS. Mm. Mb. 775 770 765 760 755 750 745 740 735 730 725 720 715 710 705 700 695 690 685 680 675 670 665 660 655 650 645 640 635 630 625 620 615 610 605 600 595 590 585 580 575 570 565 560 555 550 545 540 535 530 525 520 515 510 505 500 495 490 485 480 475 470 465 460 455 450 445 440 435 430 425 420 415 410 405 400 395 390 385 380 375 370 365 360 355 350 345 340 335 330 325 320 315 310 305 300 295 290 285 280 275 270 265 260 255 250 245 240 235 230 225 220 215 210 205 200 195 190 185 180 175 170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة الجوية

Forecast for 24 hours from noon to-day.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	80	+15	16.5	+2.7
Ezbekiya	77	+6	13.3	−0.6
Giza	87	+12	13.2	—
Helwan	61	+2	13.1	+1.2

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

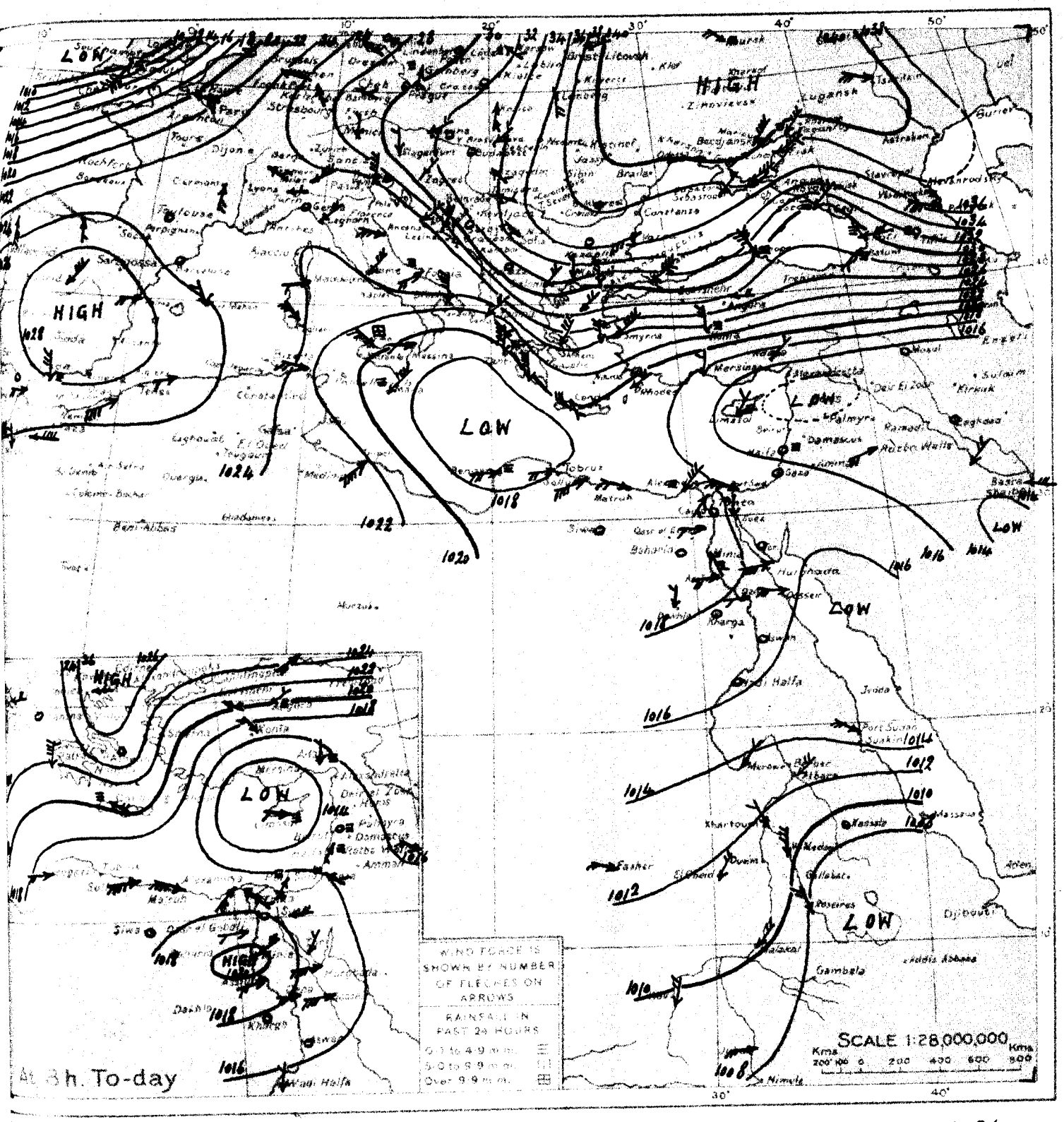
Discharges at Aswan measured by sluices m 3 per sec.		
DATE	1931	1930
4.12	1434	1391
3.12	1451	1389

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	4.12	13.69	+0.15	13.69	+0.14
Nasser	3.12	9.88	+0.28	9.95	+0.30
Malakal	2.12	12.25	+0.07	12.25	+0.06
Roseires	3.12	13.31	+0.07	13.35	+0.08
Sennar Res.	4.12	20.70	—	20.70	—
Makwar	4.12	5.68	−1.00	5.74	−0.96
Khartoum	3.12	11.54	−0.41	11.54	−0.44
Kh. el Girba					
Atbara	3.12	10.92	−0.34	10.94	−0.34
Wadi Halfa	3.12	3.07	−0.32	3.12	−0.29
Aswan Res.	4.12	104.65	—	104.32	—
" D.S.	4.12	86.71	−0.47	86.74	−0.47
El Lisithi	3.12	19.21	−0.34	19.36	−0.34
Roda (Cairo)	3.12	16.15	−0.16	16.15	−0.25

PHYSICAL DEPARTMENT.

REPORT.

٣-١٢-٣١. Barometer and Wind at 8 h. Yesterday 3.12.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣-١٢-٣١. From Observations taken at 8 h. yesterday. 3.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C.	°C.	°C.	°C	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1024.8	+4.2	+10.2	NE	3	0	4	-1	—	12	—	3	—	70	—	—	—	240	—
	MALTA	1019.0	+3.9	+1.4	NE	4	5	14	+2	—	15	-3	14	+1	70	—	drops	110	155	2
	ATHENS	1025.2	+2.5	+8.0	NNE	3	3	5	-1	—	—	—	5	-4	70	—	—	—	117	—
	CANDIA									—					—	—				
	LIMASSOL	1014.7	+2.3	-2.5	NNE	1	3	14	-3		23	+3	9	-1	—	—	trace	15	96	5
EGYPT and SUDAN	Kassala كسلا	1009.4	-0.2	-2.3	—	0	0	26.0	+0.5	+0.4	36	0	20	+1	59	+4	0	8	11	—
	Wad Medani وادمدني	1010.4	+1.1	-2.0	N	3	0	25.2	-3.0	+1.0	37	+2	18	0	27	-11	0	11	13	—
	El Obeid الابيض	1011.9	-0.1	-2.5	NE	2	1	24.7	+0.8	+2.9	32	0	15	+2	27	-8	0	9	19	—
	Malakal ملكال	1010.8	-0.2	-0.2	NE	2	0	26.2	-1.8	+0.8	36	0	19	+1	35	-2	0	92	93	—
	Wau واو	1009.8	-0.2	-1.0	N	2	2	25.3	-0.7	-0.5	37	+1	19	+1	63	-3	0	181	146	—
	Juba جوبا	1009.5	-1.2	—	W	3	2	24.5	-1.3	—	36	—	19	—	75	—	0	128	133	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 37m

" " sunset 16h 55m

From Observations taken at 8h. to-day.

Saturday 5th December, 1931 — ١٩٣١ — السبت ٥ ديسمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1020.0	+2.5	+2.0	WNW	3	3	10.6	-0.3	—	20	—	9	—	85	—	0	33	—	2
	MATRUH	1017.6	+0.9	-0.6	NW	6	3	17.0	+4.0	+2.2	20	-1	13	+1	64	-10	4	26	43	7
	ALEXANDRIA	1015.8	-0.8	-2.7	NNW	4	2	17.7	+2.6	+1.4	22	0	14	+1	67	-6	8	17	46	4
	PORT SAID	1014.8	-2.0	-2.3	W	3	0	15.0	-0.9	-2.1	23	+2	14	0	83	+8	0	10	16	4
	GAZA	—	—	—	NW	3	4	15.2	+1.4	-0.3	20	-2	10	-1	74	+2	20	80	59	—
	HAIFA	1009.4	-5.8	-6.9	SSW	3	3	16.4	+1.1	-0.5	17	-5	12	0	69	+4	76	125	132	3
LOWER EGYPT	TANTA	1016.3	-0.8	—	SW	1	2	13.7	+0.5	—	22	—	12	—	97	—	3	4	—	—
	CAIRO / EZBEKIYA	1016.7	-0.4	-2.0	SW	2	3	13.8	+0.8	+0.8	23	+1	12	+1	72	-9	0	6	5	—
	CAIRO / GIZA	1017.2	-0.4	-2.1	SW	2	3	13.2	+0.1	—	23	+1	12	+3	81	—	0	8	5	—
	CAIRO / HELWAN	1017.8	-0.1	-0.6	—	0	4	13.0	-0.9	-0.5	22	+1	12	+1	73	+4	0	7	5	—
	SIWA	1020.0	+2.1	+0.8	—	0	0	13.1	-1.8	+1.8	21	-1	10	+3	67	-3	0	dr.	2	—
RED SEA	SUEZ	1015.4	-1.2	-2.7	NW	3	4	17.0	+1.0	+1.5	23	0	15	+2	70	-6	0	dr.	9	2
	TOR	1015.8	-0.4	-1.4	N	2	1	19.0	+2.9	+3.0	26	+2	16	+5	61	0	0	0	6	2
	HURGHADA	1015.8	-1.3	—	NNW	5	0	21.0	+1.6	—	25	—	15	—	49	—	0	0	—	3
	QOSSEIR	1016.0	-1.0	—	W	3	0	21.5	-0.3	—	25	—	17	—	40	—	0	0	—	3
UPPER EGYPT	GEBALI	1018.4	+0.1	-0.3	NW	3	0	13.8	+2.8	+1.2	24	+1	10	+1	69	-10	0	0	—	—
	MINYA	1019.8	-0.4	—	N	3	1	14.5	+1.5	+1.1	25	+3	11	+1	73	-7	—	—	—	—
	ASYUT	1019.8	+0.8	+0.6	W	2	2	15.4	+0.7	+2.4	26	+3	11	+2	60	-12	0	0	—	—
	QENA	1018.7	+0.7	—	WSW	2	0	15.4	+0.3	+0.8	29	+3	10	0	66	+4	—	—	—	—
	KHARGA	1019.2	+1.6	—	—	0	0	16.7	—	—	28	—	10	—	67	—	0	0	—	—
	ASWAN	1017.5	+0.1	-0.3	N	1	0	17.0	+0.5	+0.5	29	+2	13	0	54	+3	—	—	—	—
NORTH SUDAN	WADI HALFA	1015.8	+0.2	-2.5	N	1	0	15.8	+0.2	+0.7	32	+5	13	+2	42	-9	—	—	—	—
	MEROWE	1013.3	+0.3	-2.7	NE	1	0	23.0	-0.5	+1.8	35	+3	17	+2	31	-6	0	0	1	—
	ATBARA	1012.6	+0.3	-1.3	NE	3	0	25.5	+1.0	+2.6	36	+4	20	+4	55	+7	0	0	1	—
	KHARTOUM	1011.0	-0.4	-2.1	N	2	0	23.5	-0.5	+2.0	35	+3	21	+4	51	+15	0	16	5	—
EAST SUDAN	PORT SUDAN	1014.4	-1.1	-0.4	N	3	3	24.8	+2.0	-0.9	27	-2	22	0	76	+8	0	120	65	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1007.9	+0.7	-3.3	W	1	0	26.0	+0.5	+2.2	38	+1	19	+2	36	-12	0	67	37	—
SOUTH SUDAN	EL FASHER	1014.8	+1.8	—	WNW	2	0	[illegible]	-2.1	-0.7	34	+2	8	-3	34	0	0	0	8	—
	EL OBEID																			—
	MALAKAL	1010.3	-0.1	-0.7	—	0	0	27.2	+1.6	+1.9	36	0	18	0	49	+14	0	92	93	—
	WAU																			—
	JUBA	1010.6	+1.1	—	SSE	6	3	24.5	-2.5	—	35	—	21	—	76	—	0	128	133	—

TEMP. F C: 120 110 100 90 80 70 60 50 40 30 27 — 40 30 20 10 0 -3

PRESS. Mm. Mb: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990 985 980 975 970

Upper Wind Observations at Helwan at h. m. 9 00

Height (metres)	Kms. an hour	Direction
500	20	WNW
1000	25	NW
1500	40	WNW
2000		
3000		

General Situation

The depression near the Syrian Coast has deepened and over Western Egypt the pressure is high. A steep gradient has developed across the eastern Mediterranean to Cyprus.

الحالة العامة

ازداد الانخفاض الواقع على الشام عمقاً والضغط في غرب مصر مرتفع فنتج تدرج حاد في الضغط من شرق البحر الابيض المتوسط الى قبرص .

Forecast for 24 hours from noon to-day.

On the coast fresh northwest winds; inland moderate westerly winds. Much medium and low cloud. Further rain in Lower Egypt. Becoming somewhat cooler.

التوقعات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح شديدة نوعاً شمالية غربية على الساحل معتدلة غربية في الداخل. يكثر السحاب الوسط والمنخفض ومطر مرة أخرى في الوجه البحري وبرد الطقس نوعاً .

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	84	+19	15.1	+1.4
Ezbekiya	54	-17	12.2	-1.5
Giza	61	-14	12.4	—
Helwan	43	-16	11.5	-0.3

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
4.12	1434	1391
3.12	1451	1389

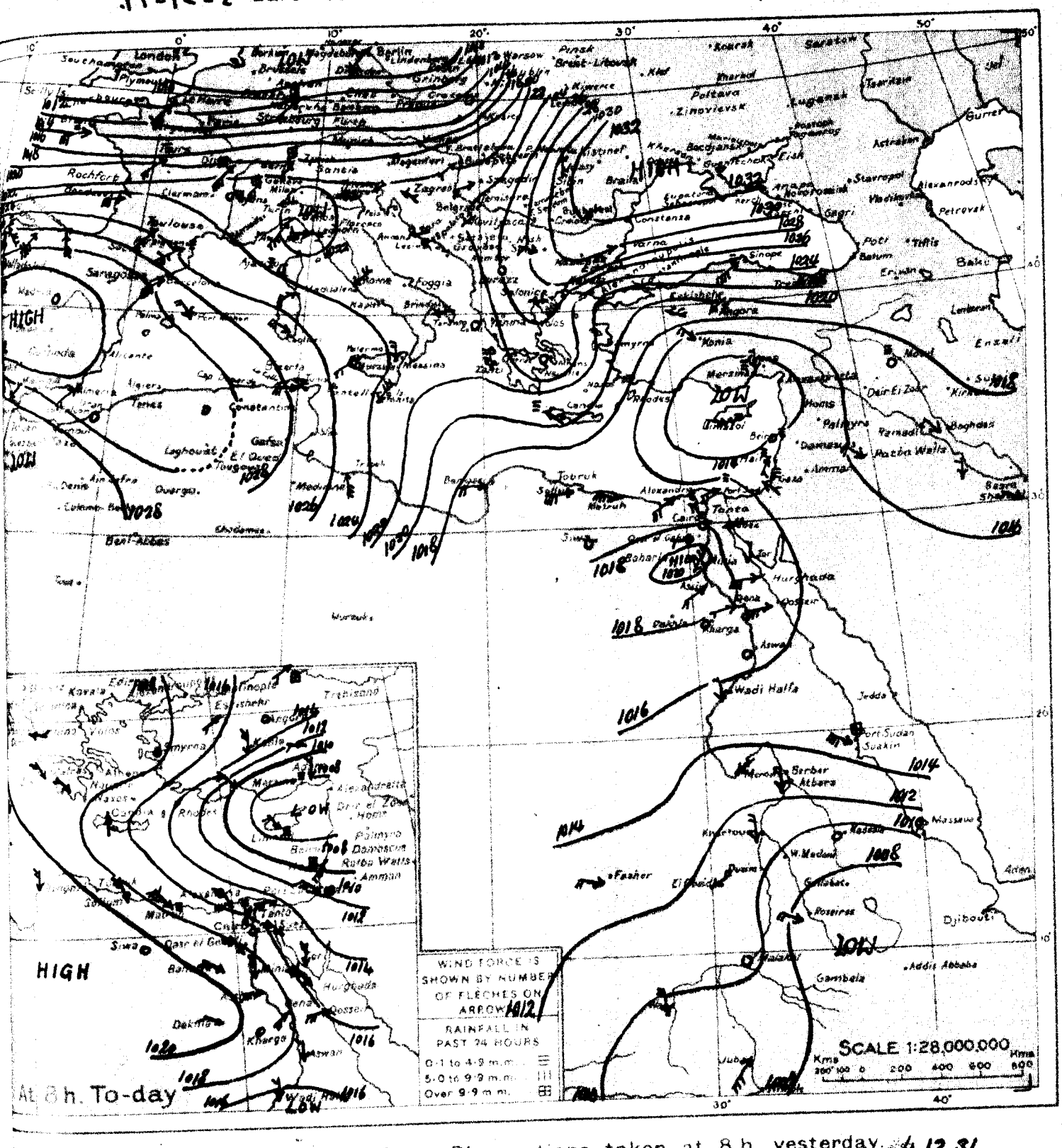
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	4.12	13.69	+0.15	13.69	+0.14
Nasser	3.12	9.88	+0.28	9.95	+0.30
Malakal	4.12	12.25	+0.10	12.25	+0.09
Roseires	5.12	13.23	+0.06	13.27	+0.07
Sennar Res.	4.12	20.70	—	20.70	—
Makwar	4.12	5.68	-1.00	5.74	-0.96
Khartoum	5.12	11.58	-0.34	11.58	-0.36
Kh. el Girba					
Atbara	5.12	10.88	-0.35	10.90	-0.35
Wadi Halfa	5.12	2.99	-0.34	3.02	-0.34
Aswan Res.	4.12	104.65	—	104.32	—
" D.S.	4.12	86.71	-0.47	86.74	-0.47
El Leithi	5.12	19.02	-0.39	19.10	-0.36
Roda (Cairo)	5.12	16.04	-0.24	16.11	-0.19

PRINTED AT THE SURVEY OF EGYPT 1930(20/6/931) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١٢-٤ Barometer and Wind at 8 h. Yesterday 4.12.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٢-٤ From Observations taken at 8 h. yesterday 4.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1023.1	-1.7	+8.5	NE	2	4	8	+4	—	13	—	2	—	90	—	—	—	243	—
	MALTA	1023.8	+4.8	+6.2	NNE	3	2	14	0	—	14	-4	13	0	60	—	0	110	157	2
	ATHENS	1024.3	-0.9	+7.1	—	0	5	4	-1	—	—	—	—	—	80	—	—	—	119	—
	CANDIA									—					—	—				
	LIMASSOL	1013.6	-1.1	-3.6	WNW	1	2	13	-1		21	+1	11	+1	—	—	tr.	15	100	0
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 38

" " sunset 16 55

From Observations taken at 8 h. to-day.

Sunday 6th December, 1931 ١٩٣١ الأحد ٦ ديسمبر

STATION	Barometer Reduced to Sea Level	Diff. from normal	Diff. from yesterday	Wind Direction	Force	Sky	Temperature At 8 h.	Diff. from yesterday	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Yesterday	Last 24 h.	Since 1st Sept.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1023.0	+3.0	+5.0	WNW	4	0	11.1	+0.5	—	21	—	10	—	94	—	drops	33	—	2
MATRUH	1020.8	+3.2	+2.5	W	3	2	14.2	−2.8	−0.4	18	−3	11	−1	93	+19	2	28	44	4
ALEXANDRIA	1019.8	+4.0	+1.3	NW	6	2	18.8	+1.1	+2.8	20	−2	16	+3	73	−1	drops	17	48	4
PORT SAID	1018.6	+3.8	+1.4	WSW	4	0	14.5	−0.5	−2.4	20	−1	13	−1	87	+12	1	11	17	4
[illegible]	1012.6	+3.2	−3.7	SSW	4	4	18.0	+1.6	+1.3	19	−3	12	0	63	−2	11	136	139	5
[illegible]	1019.5	+3.2		SW	1	0	13.9	+0.2		19		11		94		drops	4		
[illegible]	1020.6	+3.9	+1.9	SE	2	3	13.4	−0.4	+0.6	22	0	12	+1	75	−6	drops	6	5	
[illegible]	1021.2	+4.0	+1.9	SSE	2	1	13.5	+0.3	—	21	−1	12	+3	76	—	0	8	5	
[illegible]	1021.8	+4.0	+3.4	S	2	4	12.1	−0.9	−1.2	20	−1	12	+1	67	−2	0	7	5	
[illegible]	1023.1	+3.1	+3.8	—	0	0	10.6	−2.5	−0.5	20	−2	8	+1	70	0	0	drops	2	
[illegible]	1019.1	+3.7	+0.9	SE	2	2	17.0	0.0	+1.6	22	−1	13	0	70	−5	drops	drops	9	1
[illegible]	1019.9	+4.1	+2.6	N	2	0	18.6	−0.4	+2.8	23	−1	15	+4	66	+5	0	0	6	3
[illegible]	1019.9	+3.9		W	4	0	19.4	−2.1		28		16		39		0	0		4
[illegible]	1021.8	+3.4	+3.0	NW	2	0	13.8	0.0	+1.4	21	−1	10	+1	63	−16	0	0		
[illegible]	1023.4	+3.6		N	3	0	13.7	−0.8	+0.4	22	0	9	−1	64	−16				
[illegible]	1023.9	+4.1	+4.6	WNW	2	4	10.8	−4.6	−2.1	22	−1	9	0	71	−1	0	0		
[illegible]	1021.0	+2.3		W	2	0	14.2	−1.2	−0.1	27	+1	9	−1	66	+3				
[illegible]	1023.4	+4.2		—	0	0	13.8	−2.9		25		7		67		0	0		
[illegible]	1021.2	+3.7	+3.3	NNE	1	0	14.2	−2.8	−2.1	27	0	12	0	55	+4				
[illegible]	1021.0	+5.2	+2.6	NNE	2	0	14.6	−1.2	−0.3	28	+1	11	+1	50	−1				
[illegible]	1013.4	+2.4	+0.2	N	3	6	23.0	−0.5	+1.6	34	+2	20	+3	27	−9	0	16	5	
[illegible]	1014.8	+0.4	0.0	N	3	1	25.3	+0.5	−0.3	27	−2	21	−1	70	+2	0	120	66	3
[illegible]	1009.0	+1.1	−2.2	WNW	2	0	26.5	+0.5	+2.8	38	+1	21	+4	40	−8	0	67	37	
[illegible]	1013.6	−1.2		N	3	0	21.0	+4.0	+3.4	34	+2	10	−1	20	−14	0	0	8	
[illegible]	1012.2	+1.9	−2.5	NE	4	0	24.5	−1.0	+3.2	34	+2	16	+3	27	−9	0	9	19	
[illegible]	1010.7	+0.4	−0.4	NNE	2	0	27.4	+0.2	+2.2	37	+1	21	+3	37	+2	0	92	93	
[illegible]	1009.1	0.0	−1.8	N	3	0	27.0	+4.0	+1.2	36	0	19	+1	43	−22	0	181	146	
[illegible]	1011.6	+1.0		SSW	3	2	26.0	+1.5	—	35	—	19	—	73	—	4	132	133	

General Situation

9.15 The depression is moving over northern Iraq and pressure over Egypt is rising.

الحالة العامة

يتحرك الانخفاض فوق شمال العراق والضغط فوق مصر آخذ في الارتفاع.

[illegible]	25	WSW
[illegible]	35	WNW

Forecast for 24 hours from noon to-day.

On the coast fresh west to northwest winds, moderating tomorrow; inland moderate winds between south and west, becoming north tomorrow.
Further light showers in Lower Egypt, but conditions improving. Remaining cool.

[illegible]

رياح شديدة فوقا بين غربية وشمالية غربية على الساحل تخف معتدلة باكر ورياح معتدلة في الداخل بين جنوبية وغربية تتحول الى شمالية باكر
تساقط رذاذ خفيف آخر في مصر السفلى - يتحسن الطقس الوانه يظل مائلا للبرودة.

STATION	Humidity Mean of Day Yesterday	Diff. from normal	Air Temperature Mean of Day Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	75	+10	14.6	+1.0
Ezbekiya	65	−6	12.0	−1.5
Giza	76	+1	12.5	—
Helwan	63	+4	11.2	−0.5

NOTE. A dash means that figures are not available

Terms of Subscription: By inland Post, P.T. 100 annually
" " Abroad P.T. 150

Remarks

Discharges at Aswan measured by sluices m.3 per sec		
DATE	1931	1930
5.12	1454	1389
4.12	1434	1391

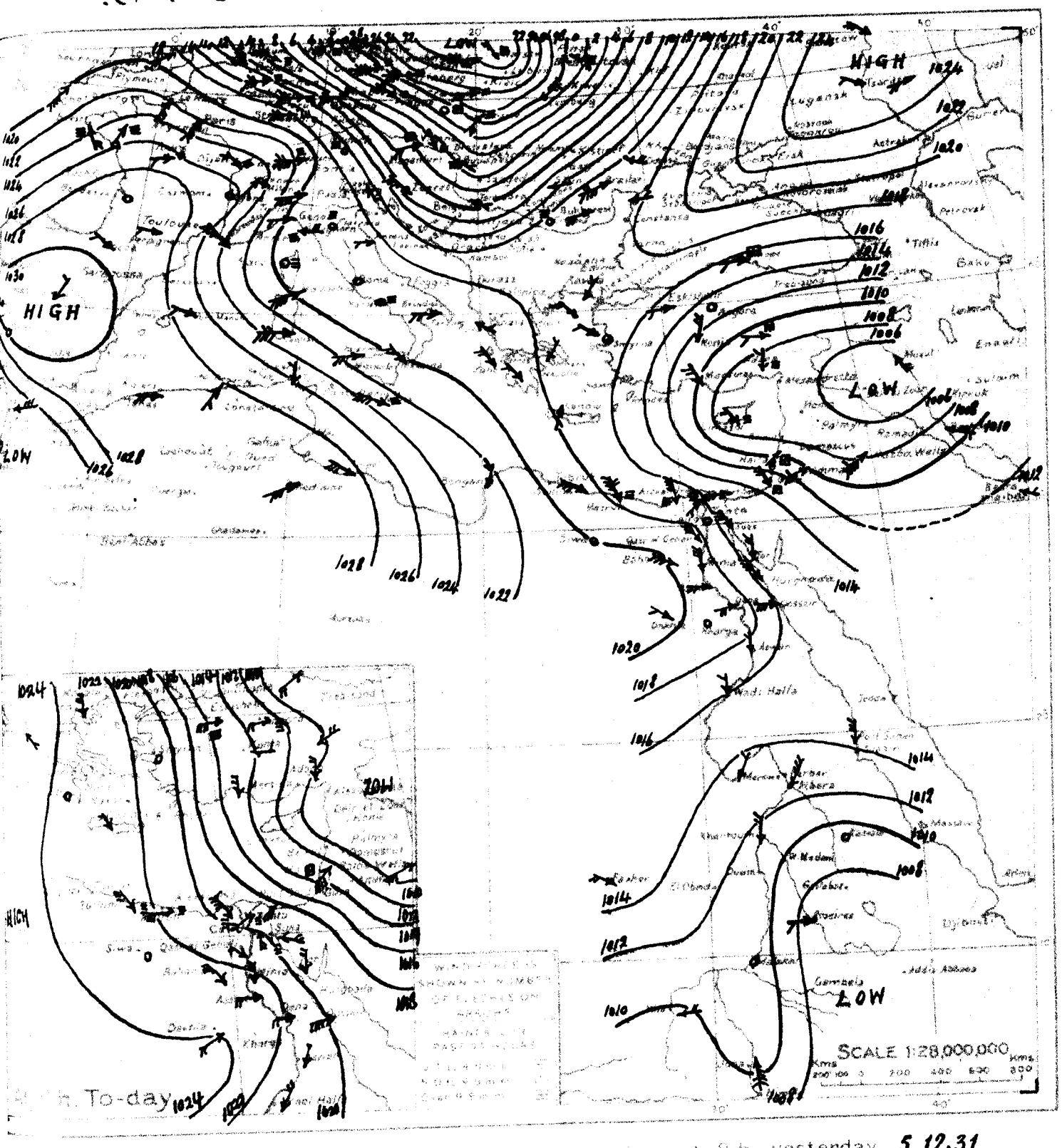
GAUGE	Date	Reading	Diff. from normal	Rise	Reading	Rise
	1931	m.	m.	m.	m.	m.
Juba	5.12	13.69	+0.16		13.69	+0.15
Nasser	5.12	9.85	+0.36		9.82	+0.28
Malakal	5.12	12.23	+0.09		12.25	+0.10
Roseires	6.12	13.18	+0.05		13.23	+0.06
Sennar Res.	5.12	20.70	—		20.70	—
Makwar	5.12	5.73	−0.92		5.68	−1.00
Khartoum	6.12	11.58	−0.32		11.58	−0.34
Kh. el Girba						
Atbara	5.12	10.88	−0.35		10.90	−0.35
Wadi Halfa	6.12	2.96	−0.34		2.99	−0.34
Aswan Res.	5.12	104.95	—		104.65	—
" D.S.	5.12	86.72	−0.41		86.71	−0.47
El Leithi	6.12	18.92	−0.43		19.02	−0.39
Roda (Cairo)	6.12	16.06	−0.19		16.04	−0.24

[illegible] AT THE SURVEY OF EGYPT (1930/29/556/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٥-١٢-٢١. Barometer and Wind at 8 h. Yesterday 5.12.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٥-١٢-٢١. From Observations taken at 8 h yesterday 5.12.31.

STATIONS	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE Actual	TEMPERATURE Change in last 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
	m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
ROME	1019.4	-3.7	+4.7	—	0	0	5	-3	—	11	—	3	—	80	—	—	—	246	—
MALTA	1022.2	-1.6	+4.7	WNW	4	5	15	+1	—	16	-2	13	+1	90	—	1	111	160	2
ATHENS	1017.6	-6.7	+0.4	NE	1	0	1	-3	—	—	—	—	—	90	—	—	—	121	—
CANDIA																			
LIMASSOL	1007.2	-6.4	-10.0	NW	1	4	12	-1		18	-2	10	+1	—	—	trace	15	104	2
Kassala	1009.5	-0.4	-2.3	—	0	0	24.0	-2.5	-1.3	36	+1	21	+2	72	+16	0	8	11	—
El Obeid	1010.3	-0.5	-4.3	—	2	2	25.5	+1.5	+4.9	33	+1	16	+3	32	-4	0	9	19	—
Wau	1009.1	+0.1	-1.8	E	2	0	23.0	-0.9	-2.8	37	+1	18	0	59	-6	0	181	146	—

EGYPT and SOUDAN

1417 F.C.

MINISTRY OF PUBLIC

DAILY W

CAIRO, to-morrow

Time of sunrise 06 h 39 m

" " sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Monday 7th December, 1931 — ١٩٣١ الاثنين ٧ ديسمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1028.7	+5.7	+10.7	—	0	1	11.8	+0.7	—	20	—	9	—	85	—	drops	33	—	2
	MATRUH	1027.9	+7.1	+9.6	NNE	2	2	16.8	+2.6	+2.4	20	−1	12	+1	72	−2	0	28	45	4
	ALEXANDRIA	1026.7	+6.9	+8.2	NNE	4	2	16.7	−2.1	+0.9	22	0	15	+2	69	−5	0	17	50	3
	PORT SAID	1025.4	+6.8	+8.2	N	2	1	16.6	+2.1	−0.1	20	−1	14	0	53	−22	drops	11	17	4
	GAZA	—	—	—	—	0	2	12.6	−4.1	−2.4	18	−4	9	−2	72	0	9	119	68	—
	HAIFA	1023.2	+10.6	+6.8	NNW	1	1	16.8	−1.2	+0.3	20	−2	11	−1	55	−11	1	137	145	3
LOWER EGYPT	TANTA	1026.2	+6.7	—	—	0	0	10.4	−3.5	—	23	—	8	—	82	—	drops	4	—	—
	CAIRO EZBEKIYA	1025.6	+5.0	+6.9	N	1	0	10.6	−2.8	−2.0	24	+2	8	−2	77	−4	0	6	5	—
	CAIRO GIZA	1026.4	+5.2	+7.0	—	0	0	8.4	−5.1	—	23	+2	5	−4	94	—	0	8	5	—
	CAIRO HELWAN	1026.2	+4.4	+7.8	NE	3	0	12.8	+0.7	−0.4	21	0	10	−1	57	−12	0	7	5	—
	SIWA	1026.6	+3.5	+7.3	—	0	0	12.8	+2.2	+1.9	21	−1	10	+3	70	0	0	drops	2	—
RED SEA	SUEZ	1025.2	+6.1	+6.9	N	2	0	11.8	−5.2	−3.4	22	−1	9	−3	78	+3	drops	drops	9	1
	TOR	1022.0	+2.1	+4.7	N	1	0	15.0	−3.6	−0.6	22	−2	14	+3	68	+7	0	0	6	1
	HURGHADA	1023.8	+3.6	—	W	6	0	16.6	+0.2	—	22	—	12	—	63	—	0	0	—	4
	QOSSEIR	1022.4	+2.5	—	NW	7	0	18.2	−1.2	—	23	—	17	—	54	—	0	0	—	7
UPPER EGYPT	GEBALI	1025.8	+4.0	+7.0	NW	1	0	10.0	−3.8	−2.2	24	+2	8	0	86	+6	0	0	—	—
	MINYA	1026.7	+3.3	—	NNE	3	0	11.5	−2.2	−1.5	22	0	8	−2	85	+5	—	—	—	—
	ASSUT	1026.0	+2.1	+6.6	WNW	3	0	12.2	+1.4	−0.5	21	−1	10	+1	73	+1	0	0	—	—
	QENA	1023.2	+2.2	—	WSW	2	0	14.7	+0.5	+0.6	26	+1	10	0	72	+9	—	—	—	—
	KHARGA	1024.3	+0.9	—	NW	1	0	14.5	+0.7	—	23	—	11	—	80	—	0	0	—	—
	ASWAN	1022.7	+1.5	+4.7	NE	2	0	14.5	+0.3	−1.7	23	−4	12	0	62	+11	—	—	—	—
NORTH SUDAN	WADI HALFA	1022.0	+1.0	+3.5	NNE	1	0	13.2	−1.4	−1.5	23	−4	10	0	68	+17	—	—	—	—
	MEROWE	1019.6	+2.6	+3.5	NE	2	0	17.0	−4.0	−3.8	31	−1	12	−3	34	−3	0	0	1	—
	ATBARA	1015.8	+3.1	+1.8	N	3	0	22.8	−2.7	+0.1	32	0	17	+1	56	+18	0	0	1	—
	KHARTOUM	1016.3	+2.9	+3.0	N	4	0	19.5	−3.5	−1.8	32	0	17	0	26	−10	0	16	5	—
EAST SUDAN	PORT SUDAN	1017.1	+2.3	+2.2	N	3	1	23.9	−1.4	−1.6	28	−1	19	−3	57	−11	0	120	67	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1009.6	+0.6	−1.7	NW	2	0	26.0	−0.5	+2.4	37	0	21	+5	48	+1	0	67	37	—
SOUTH SUDAN	EL FASHER	1016.4	+2.8	—	WNW	1	0	17.5	−3.5	+0.1	33	+1	9	−1	31	−3	0	0	8	—
	EL OBEID	1015.8	+3.6	+1.0	ENE	3	0	20.9	−3.6	−0.2	32	0	13	0	24	−12	0	9	19	—
	MALAKAL	1012.2	+1.5	+1.1	NNE	6	0	26.3	−1.1	+1.1	36	0	22	+4	30	−5	0	92	93	—
	WAU	1011.2	+2.1	+0.3	N	7	0	25.0	−2.0	−0.8	37	+2	20	+2	61	−4	0	181	146	—
	JUBA			—						—		—		—		—				—

Upper Wind Observations at Helwan at h. m. 8.30

Height (metres)	Kms. per hour	Direction
500	30	NNE
1000	35	NE
1500	65	NNE
2000	50	N
3000		

General Situation

The pressure has risen considerably and is now much above normal. A system of high pressure covers the eastern Mediterranean and Egypt.

الحالة العمومية

ارتفع الضغط كثيرا وصار الآن فوق المعدل وقد تكونت منطقة ضغط مرتفع وعمت شرق البحر الابيض المتوسط ومصر.

Forecast for 24 hours from noon to-day.

Moderate north to northeast winds.
Clear or occasional medium cloud.
Little change in temperature.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة ما بين الشمالية والشمالية الشرقية.
السماء صحو او يظهر بها بعض السحاب المعتدل.
ولا تتغير الحرارة الا قليلا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	62	−3	15.4	+2.0
Ezbekiya	70	−1	13.6	+0.3
Giza	71	−4	13.9	—
Helwan	61	+1	12.3	+0.7

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
6.12	1452	1390
5.12	1454	1389

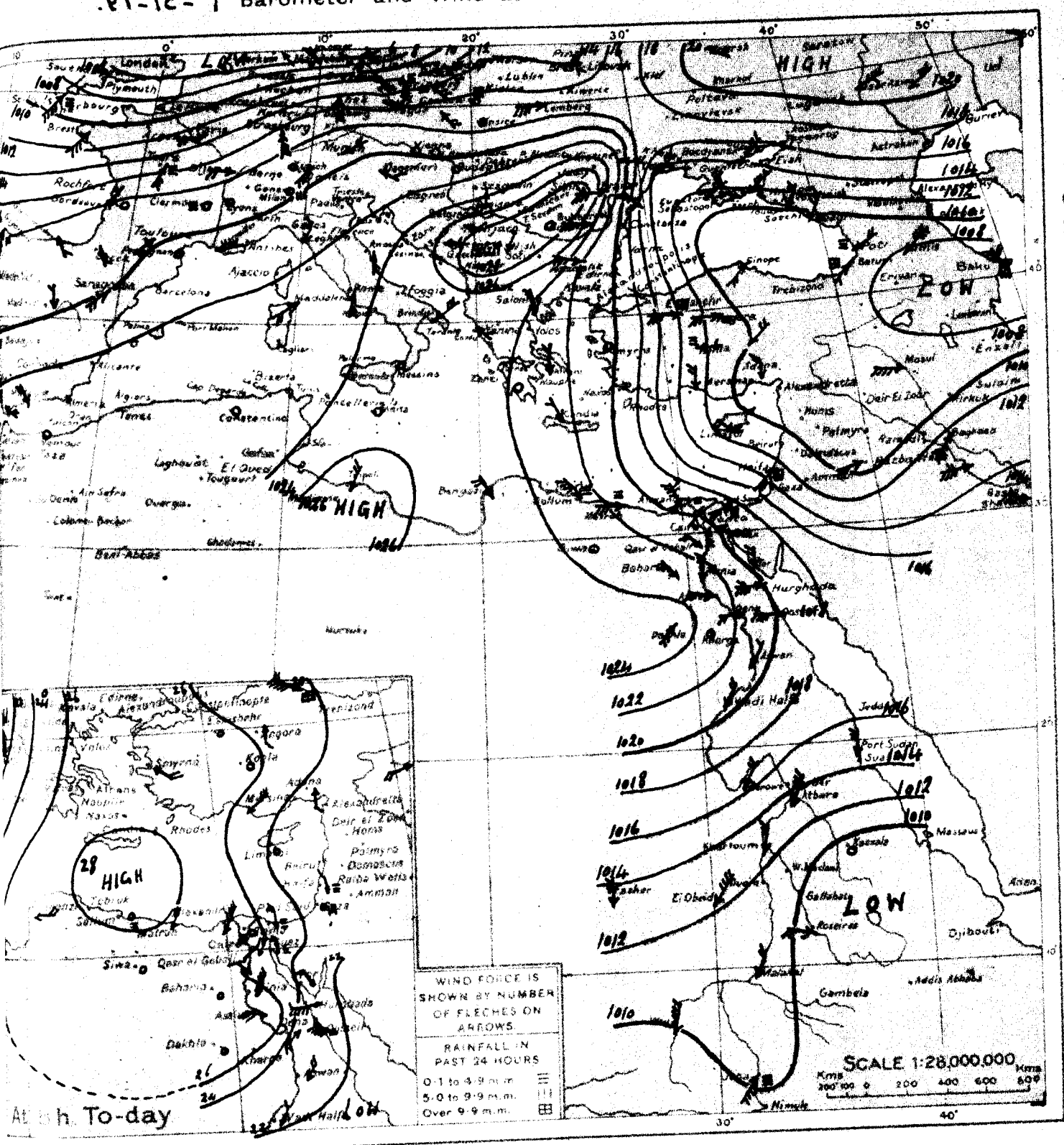
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	6.12	13.70	+0.18	13.69	+0.16
Nasser	5.12	9.85	+0.36	9.82	+0.28
Malakal	7.12	12.21	+0.09	12.22	+0.09
Roseires	7.12	13.14	+0.03	13.18	+0.03
Sennar Res.	6.12	20.68	—	20.70	—
Makwar	6.12	5.70	−0.93	5.73	−0.92
Khartoum	7.12	11.56	−0.33	11.58	−0.32
Kh. el Girba					
Atbara	6.12	10.86	−0.36	10.88	−0.35
Wadi Halfa	7.12	2.92	−0.35	2.96	−0.34
Aswan Res.	6.12	105.20	—	104.95	—
" D.S.	6.12	86.72	−0.38	86.72	−0.41
El Leithi	7.12	18.50	−0.49	18.93	−0.43
Roda (Cairo)	7.12	12.24	−0.19	12.16	−0.19

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٢-٦ Barometer and Wind at 8 h. Yesterday 6.12.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١٢-٦ From Observations taken at 8 h. yesterday 6.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C.	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1023.1	+3.7	+8.4	SSW	2	4	10	+5	—	13	—	9	—	80	—	—	—	249	—
	MALTA	1024.2	+2.0	+6.7	—	0	3	16	+1	—	17	-1	14	+2	80	—	0	111	163	2
	ATHENS	1023.4	+5.8	+6.3	N	1	3	11	+10	—	—	—	—	—	50	—	—	—	123	—
	CANDIA									—					—	—				
	LIMASSOL	1011.1	+3.9	-6.1	WNW	1	4	14	+2		16	-4	9	0	—	—	trace	15	107	2
EGYPT and SUDAN	Hurghada	1020.2	+4.4	—	W	6	0	16.4	-4.6	—	25	—	10	—	59	—	0	0	—	4
	Merowe	1017.0	+3.7	+0.9	NE	2	0	21.0	-2.0	0.0	34	+2	16	+1	30	-7	0	0	1	—
	Atbara	1012.7	+0.1	-1.3	NNE	4	0	25.5	0.0	+2.7	32	0	19	+3	48	+10	0	0		—
	Kassala	1009.5	0.0	-2.4	—	0	0	24.5	+0.5	-0.7	36	+1	22	+3	68	+12	0	8	11	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 40 m

" " sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Tuesday 8th December, 1931 ١٩٣١ الثلاثاء ٨ ديسمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total From Oct. 1 to yesterday	Normal From Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM																			
	MATRUH	1026.0	-1.9	+7.7	SE	2	1	11.4	-5.4	-2.8	19	-2	10	-1	93	+19	0	28	46	3
	ALEXANDRIA	1027.1	+0.4	+8.5	SSE	1	0	14.9	-1.8	-0.6	24	+3	12	-1	64	-5	0	17	52	1
	PORT SAID	1026.6	+1.2	+9.3	SSE	2	0	13.4	-3.2	-3.1	21	0	12	-1	72	-3	0	11	18	2
	GAZA	—	—	—	—	0	0	9.4	-3.2	-5.4	18	-3	7	-4	71	-1	0	119	72	—
	HAIFA	1026.4	+3.2	+10.0	SSE	1	0	12.1	-4.7	-4.2	19	-3	8	-3	61	-5	0	137	152	2
LOWER EGYPT	TANTA	1026.7	+0.5	—	NNW	1	0	10.0	-0.4	—	22	—	7	—	87	—	0	4	—	—
	CAIRO EZBEKIYA	1025.6	0.0	+6.8	W	1	0	9.3	-1.3	-3.1	22	0	7	-3	82	+1	0	6	6	—
	CAIRO GIZA	1025.6	-0.8	+6.2	NNW	1	0	8.1	-0.3	—	20	-1	6	-3	94	—	0	8	5	—
	CAIRO HELWAN	1024.6	-1.6	+6.1	NE	4	0	13.1	+0.3	+0.1	20	-1	10	-1	54	-15	0	7	5	—
	SIWA	1024.3	-2.3	+4.9	—	0	0	9.2	-3.6	-1.6	21	-1	5	-2	76	+6	0	dr.	2	—
RED SEA	SUEZ	1024.8	-0.4	+6.3	N	1	0	12.0	+0.2	-3.0	20	-3	11	-1	65	-10	0	dr.	10	0
	TOR	1022.7	+0.7	+5.3	NE	1	0	13.4	-1.6	-2.0	23	-1	8	-3	63	+2	0	0	6	1
	HURGHADA	1023.9	+0.1	—	NW	5	0	15.1	-1.5	—	22	—	12	—	77	—	0	0	—	3
	QOSSEIR	1022.3	-0.1	—	N	7	0	20.8	+2.6	—	22	—	17	—	58	—	0	0	—	7
UPPER EGYPT	GEBALI	1024.6	-1.2	+5.7	N	2	0	10.9	+0.9	-1.1	22	0	6	-2	76	-4	0	0	—	—
	MINYA	1024.8	-1.9	—	NNE	3	0	9.0	-2.5	-3.8	20	-1	4	-5	89	+9	—	—	—	—
	ASYUT	1024.4	-1.6	+5.0	WSW	3	0	9.2	-3.0	-3.3	20	-2	7	-2	76	+4	0	0	—	—
	QENA	1023.5	+0.3	—	WNW	1	1	12.9	-1.8	-1.0	26	+1	7	-3	60	-3	—	—	—	—
	KHARGA	1022.6	-1.7	—	—	0	0	15.4	+0.9	—	22	—	9	—	62	—	0	0	—	—
	ASWAN	1021.8	-0.9	+3.8	NNE	1	1	12.6	-1.9	-3.4	25	-1	10	-2	59	+8	—	—	—	—
NORTH SUDAN	WADI HALFA	1019.6	-2.4	+1.1	N	1	0	13.0	-0.2	-1.6	24	-2	9	-1	66	+15	—	—	—	—
	MEROWE	1016.8	-2.8	+0.6	NE	2	0	18.5	+1.5	-2.2	28	-4	13	-1	42	+5	0	0	1	—
	ATBARA	1015.4	-0.4	+1.3	N	3	0	23.0	+0.2	+0.5	30	-2	15	-1	44	+5	0	0	1	—
	KHARTOUM	1015.0	-1.3	+1.6	N	2	6	19.9	+0.4	-1.3	31	0	17	0	48	+12	0	16	5	—
EAST SUDAN	PORT SUDAN	1016.0	-1.1	+1.1	N	6	0	25.2	+1.3	-0.2	28	-1	20	-2	58	-10	0	120	68	6
	KASSALA																			—
	WAD MEDANI	1012.2	-0.4	-0.5	NE	3	0	225	-0.7	-1.1	33	-2	17	0	53	+14	0	11	13	—
	ROSEIRES	1009.0	-0.6	-2.3	WNW	1	0	25.5	-0.5	+2.0	36	-1	21	+5	39	-8	0	67	37	—
SOUTH SUDAN	EL FASHER	1016.0	-0.4	—	WNW	2	1	12.9	-4.6	-4.4	33	+1	8	-2	35	+1	0	0	8	—
	EL OBEID																			—
	MALAKAL	1011.9	-0.3	+0.8	N	2	0	25.0	-1.3	-0.1	34	-2	20	+2	35	+1	0	92	93	—
	WAU	1011.6	+0.4	+0.6	N	6	0	23.4	-1.6	-2.4	35	0	18	0	56	-8	0	181	146	—
	JUBA			—						—		—		—		—				—

TEMP. F C: 120 110 100 90 80 70 60 50 40 30 27 — 40 30 20 10 0 -3

PRESS. Mm. Mb.: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at h. m. 8 30

Height (metres)	Kms. per hour	Direction
500	30	ENE
1000	35	ENE
1500	25	ENE
2000	5	ESE
3000	10	N

General Situation

The high pressure is centred near the coast of the Delta and is maintained, but in the west the pressure is falling slowly. There is a depression near Malta, and there appears also to be a shallow depression off Sollum.

الحالة العمومية

يوجد مركز الارتفاع الآن بالقرب من ساحل الدلتا وهو مرابط ولكن الضغط آخذ في الهبوط ببطء من الجهة الغربية وهناك انخفاض بالقرب من مالطا ويظهر ان هناك آخر بالقرب من السلوم.

Forecast for 24 hours from noon to-day.

On the coast light variable winds chiefly southerly, inland moderate to fresh northeast winds. Mainly clear. Normal temperature.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح مختلفة الاتجاه اكثرها جنوبية على الساحل ورياح شمالية شرقية بين المعتدلة والشديدة نوعاً في الداخل. السماء صحو على العموم ودرجة الحرارة حوالى المعدل.

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	63	-2	14.5	+1.2
Ezbekiya	66	-5	10.9	-2.3
Giza	73	-2	10.8	—
Helwan	49	-11	10.2	-1.3

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

X. El Atbara River Gauge Reading for 25.11.31 published on 26.11.31 should read 11.16 instead of 11.19 m.

ملحوظة: صحة قراءة النهر بمقياس العطبرة يوم ٢٥-١١-٣١ المذكورة بتقرير يوم ٢٦-١١-٣١ هي ١١,١٦ بدلاً من ١١,١٩ متراً.

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
8.12	1456	1388
7.12	1454	1388

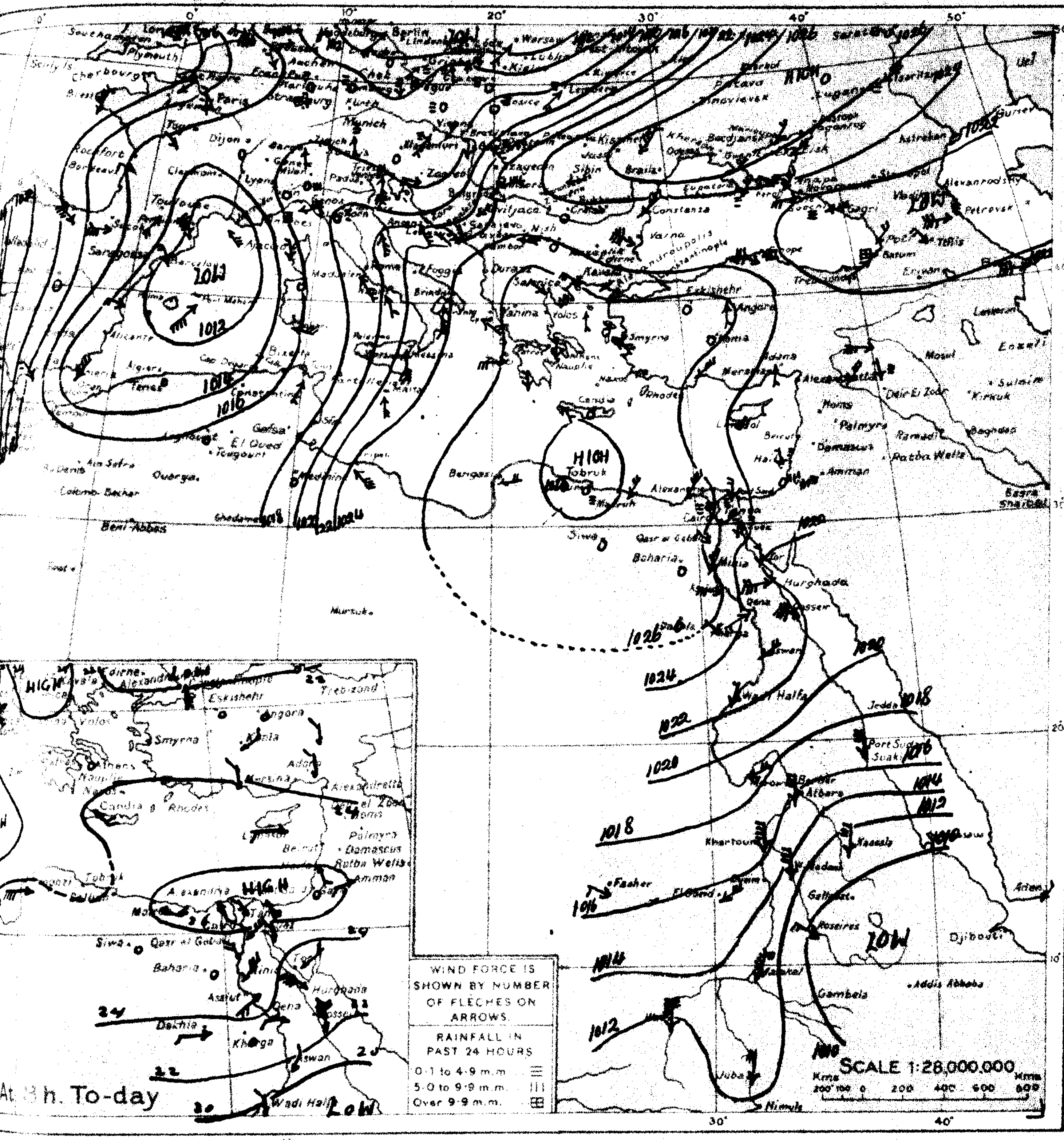
CAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	7.12	13.70	+0.19	13.70	+0.18
Nasser	7.12	9.58	+0.18	9.67	+0.22
Malakal	8.12	12.21	+0.10	12.21	+0.09
Roseires	8.12	13.11	+0.05	13.14	+0.05
Sennar Res.	7.12	20.70	—	20.66	—
Makwar	7.12	5.45	-1.15	5.79	-0.93
Khartoum	8.12	11.56	-0.30	11.56	-0.33
Kh. el Girba					
X Atbara	7.12	10.86	-0.34	10.86	-0.36
Wadi Halfa	8.12	2.87	-0.37	2.92	-0.35
Aswan Res.	8.12	105.63		105.43	
" D.S.	8.12	86.72	-0.28	86.72	-0.34
El Leithi	8.12	16.77	-0.47	16.86	-0.49
Roda (Cairo)	8.12	16.44	-0.14	16.44	-0.19

PRINTED AT THE SURVEY OF EGYPT (1930/31/650/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٧-١٢-٣١ Barometer and Wind at 8 h. Yesterday 7.12.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٧-١٢-٣١ From Observations taken at 8 h. yesterday. 7.12.31.

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.5	-3.6	+4.7	SSE	3	4	14	+4	—	15	—	11	—	80	—	—	—	251	—
	MALTA	1022.9	-1.3	+5.4	S	2	4	16	0	—	18	0	14	+2	80	—	0	14	166	1
	ATHENS	1027.1	+3.7	+10.0	N	1	0	5	-6	—	—	—	—	—	90	—	—		125	—
	CANDIA									—					—	—				
	LIMASSOL	1023.6	+12.5	+6.2	—	0	0	11	-3		18	-2	2	-7	—	—	0	15	111	2
EGYPT and SUDAN	Kossala كسلا	1011.6	+2.1	-0.4	N	3	0	24.0	-0.5	-1.1	34	-1	20	+2	60	+4	0	8	11	—
	Wad Medani ود مدني	1012.6	+1.4	-0.1	N	3	0	23.2	-2.3	-0.5	35	0	19	+2	86	-3	0	11	13	—
	Juba جوبا	1013.0	+1.4	—	N	2	4	24.4	-1.6	—	36	—	21	—	76	—	0	132	134	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 40 m

" " sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Wednesday 9th December, 1931 — ١٩٣١ الأربعاء ٩ ديسمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1021.6	−4.7	+3.7	SE	3	4	13.0	−0.2	—	18	—	12	—	87	—	0	33	—	1
	MATRUH	1021.8	−4.2	+3.5	SSW	2	4	12.8	+1.4	−1.3	19	−1	11	0	83	+9	0	28	46	1
	ALEXANDRIA	1023.0	−4.1	+4.4	SSE	2	4	16.9	+2.0	+1.6	24	+3	14	+1	74	0	0	17	54	1
	PORT SAID	1021.4	−5.2	+4.1	SE	2	3	14.0	+0.6	−2.2	23	+2	13	0	78	+3	0	11	19	1
	GAZA	—	—	—	S	1	0	9.2	−0.2	−5.5	17	−4	6	−5	72	0	0	119	76	—
	HAIFA	1021.4	−5.0	+5.0	SSW	1	4	12.7	+0.6	−3.4	20	−1	8	−3	60	−6	0	137	158	2
LOWER EGYPT	TANTA	1021.9	−4.8	—	NW	1	4	12.0	+2.0	—	22	—	10	—	82	—	0	4	—	—
	CAIRO EZBEKIYA	1020.0	−5.6	+1.2	NNE	1	3	10.1	+0.8	−2.1	23	+1	8	−2	73	−8	0	6	6	—
	CAIRO GIZA	1020.3	−5.3	+0.8	N	1	3	9.0	+0.9	—	22	+1	6	−2	87	—	0	8	5	—
	CAIRO HELWAN	1020.6	−4.0	+2.1	E	1	3	10.9	−2.2	−2.0	22	+1	9	−1	63	−6	0	7	5	—
	SIWA	1020.2	−4.1	+0.8	—	0	0	10.8	+1.6	+0.2	20	−2	7	0	68	−2	0	drops	2	—
RED SEA	SUEZ	1020.4	−4.4	+1.8	N	2	4	11.5	−0.5	−3.4	22	−1	9	−3	68	−7	0	drops	10	1
	TOR	1020.2	−2.5	+2.8	E	1	3	12.0	−1.4	−3.2	22	−1	7	−4	76	+15	0	0	6	1
	HURGHADA	1019.8	−4.1	—	W	6	0	16.0	+0.9	—	22	—	9	—	69	—	0	0	—	4
	QOSSEIR	1019.8	−2.5	—	NW	3	0	19.0	−1.8	—	23	—	16	—	63	—	0	0	—	3
UPPER EGYPT	GEBALI	1020.4	−4.2	+1.5	SE	1	0	6.8	−4.1	−5.0	23	+1	6	−2	85	+5	0	0	—	—
	MINYA	1020.4	−4.4	—	NNW	1	0	8.5	−0.5	−4.1	22	+1	5	−4	87	+7	—	—	—	—
	ASYUT	1021.5	−2.9	+2.0	W	2	0	10.6	+1.4	−1.7	22	0	6	−3	68	−4	0	0	—	—
	QENA	1020.3	−3.2	—	NNE	1	0	12.4	−0.5	−1.3	25	0	5	−5	61	−2	—	—	—	—
	KHARGA	1019.9	−2.7	—	—	0	0	14.2	−1.2	—	25	—	10	—	63	—	0	0	—	—
	ASWAN	1019.5	−2.3	+1.4	NE	1	0	13.7	+1.1	−2.2	29	+3	12	0	59	+8	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.5	−2.1	−1.1	—	0	0	13.0	0.0	−1.4	26	0	7	−3	66	+15	—	—	—	—
	MEROWE	1015.6	−1.2	−0.7	NE	1	0	20.5	+2.0	−0.1	31	−1	13	−1	41	+4	0	0	1	—
	ATBARA	1014.8	−0.6	+0.7	ENE	3	0	22.5	−0.5	+0.2	30	−2	16	0	55	+16	0	0	1	—
	KHARTOUM	1013.5	−1.5	+0.1	NNE	1	0	20.5	+0.6	−0.5	30	−1	18	+1	46	+10	0	16	5	—
EAST SUDAN	PORT SUDAN	1016.0	0.0	+1.1	N	4	0	25.1	−0.1	−0.2	29	0	20	−2	55	−13	0	120	69	4
	KASSALA	1010.2	−1.4	−1.9	—	0	0	25.0	+0.5	+0.1	34	−1	19	+1	58	+1	0	8	11	—
	WAD MEDANI																			—
	ROSEIRES	1009.1	+0.1	−2.2	NNW	2	0	24.3	−1.2	+0.9	36	−1	20	+4	45	−2	0	67	37	—
SOUTH SUDAN	EL FASHER	1014.3	−1.7	—	WNW	2	0	15.5	+2.6	−1.7	33	+1	7	−3	36	+2	0	0	8	—
	EL OBEID																			—
	MALAKAL	1012.0	+0.1	+0.9	NNE	1	0	26.6	+1.6	+1.5	35	−1	19	+1	42	+8	0	92	93	—
	WAU	1010.6	−1.0	−0.4	N	7	0	26.0	+2.6	+0.2	35	0	18	0	45	−19	0	181	146	—
	JUBA																			—

TEMP. F C: 120 110 100 90 80 70 60 50 40 30 27 — 40° 30° 20° 10° 0° −3°

PRESS. Mm Mb: 775 770 765 760 755 750 745 740 — 1030 1025 1020 1015 1010 1005 1000 995 990

Upper Wind Observations at Helwan at 8.30 h. m.

Height (metres)	Kms per hour	Direction
500	5	SSE
1000	5	NNE
1500	5	N
2000	10	SW
3000	15	W

General Situation

The high pressure over Egypt is weakening. The depression west of Malta is deepening and pressure over the west of Egypt is falling rapidly. There is also a shallow depression over Syria.

الحالة العمومية

ضعف الضغط العالي على مصر وازداد عمق الانخفاض الذي في غرب مالطا والضغط في غرب مصر في هبوط سريع ويوجد انخفاض ضئيل فوق الشام.

Forecast for 24 hours from noon to-day.

On the coast moderate southeasterly winds, freshening; inland moderate winds chiefly north to northeast.
Some high cloud.
Little change in temperature.
Further outlook:— less settled.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة جنوبية شرقية على الساحل تشتد نوعا فيما بعد ورياح معتدلة في الداخل اغلبها من الشمال والشمال الشرقي ظهر بعض السحاب العالي ولا تغير الحرارة الا قليلا. وعلى نظرنا بعيدا فالطقس اقل ثباتا.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	75	+10	14.0	+0.8
Ezbekiya	65	−6	10.0	−3.0
Giza	79	+4	9.4	—
Helwan	34	−23	9.3	−2.1

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
9.12	1447	1387
8.12	1456	1388

GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	8.12	13.70	+0.20	13.70	+0.19
Nasser	8.12	9.48	+0.13	9.58	+0.18
Malakal	8.12	12.21	+0.10	12.21	+0.09
Roseires	9.12	13.08	+0.05	13.11	+0.05
Sennar Res.	8.12	20.71	—	20.70	—
Makwar	8.12	5.36	−1.02	5.45	−1.15
Khartoum	9.12	11.60	−0.26	11.58	−0.30
Kh. el Girba	9.12				
Atbara	9.12	10.88	−0.29	10.88	−0.31
Wadi Halfa	9.12	2.83	−0.39	2.87	−0.37
Aswan Res.	9.12	105.82	—	105.63	—
" D.S.	9.12	86.71	−0.25	86.72	−0.28
El Leithi	9.12	18.79	−0.37	18.77	−0.47
Roda (Cairo)	9.12	18.82	−0.18	18.82	−0.16

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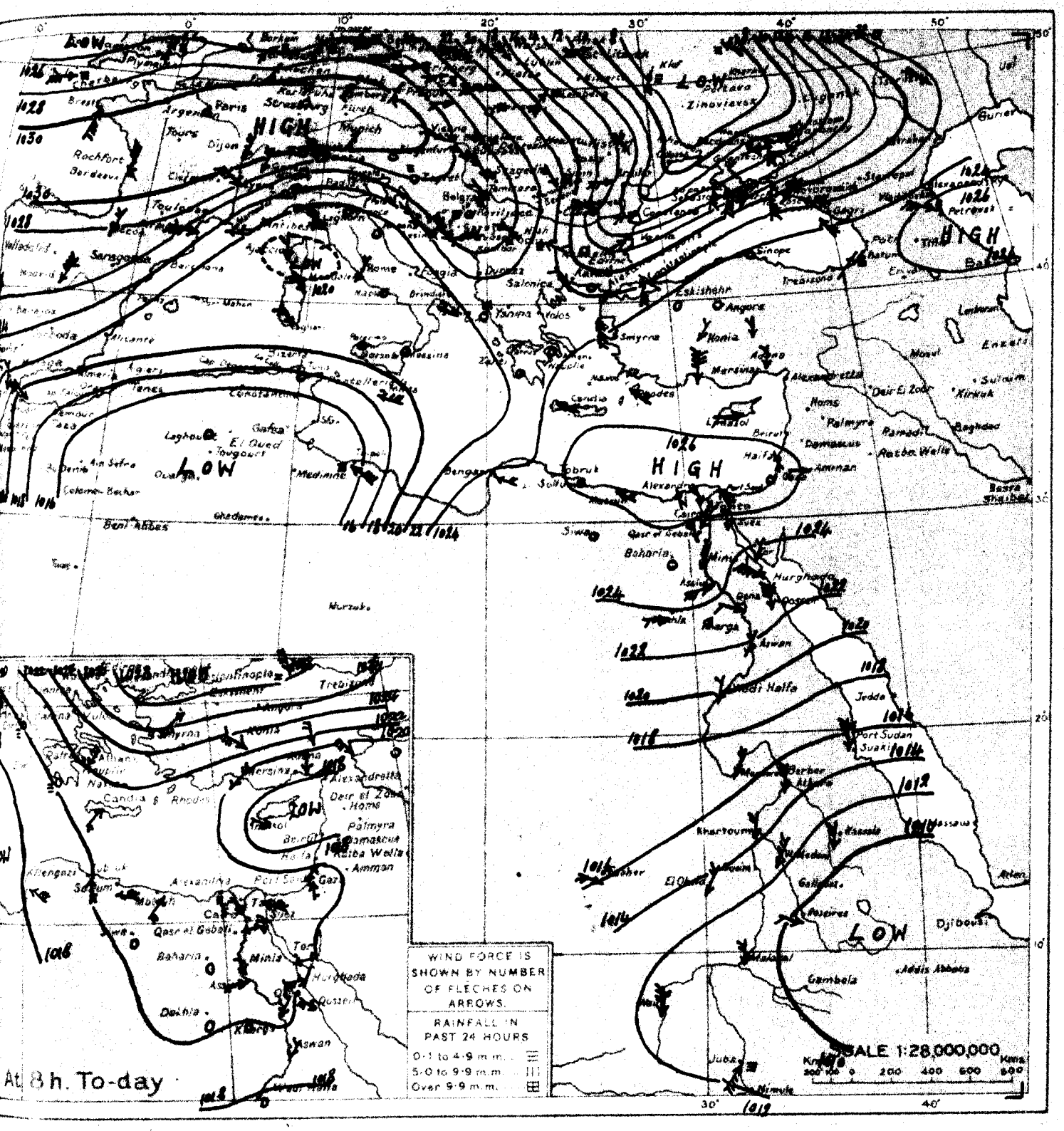
PHYSICAL DEPARTMENT.

REPORT.

٨-١٢-٣١. Barometer and Wind at 8 h. Yesterday 8.12.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٨-١٢-٣١. From Observations taken at 8 h. yesterday. 8.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C.	°C.	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.8	+2.3	+7.0	NE	1	4	11	-3	—	16	—	10	—	80	—	—	—	254	—
	MALTA	1019.1	-3.8	+1.7	ESE	3	4	17	+1	—	18	+1	16	+4	90	—	0	111	168	2
	ATHENS	1023.5	-3.6	+4.4	—	0	8	7	+2	—	—	—	—	—	90	—	—	—	127	—
	CANDIA									—						—				
	LIMASSOL	1024.7	+1.1	+7.3	W	1	1	13	+2		18	-2	7	-2	—	—	0	15	115	0
EGYPT and SUDAN	Sollum	1026.3	-2.4	+8.4	—	0	2	13.2	+1.4	—	19	—	11	—	80	—	0	33	—	2
	Kassala	1011.6	0.0	-0.4	N	2	0	24.5	+0.5	-0.5	32	-3	17	+1	57	+1	0	8	11	—
	El Obeid	1012.8	-3.0	-2.0	NNE	2	1	22.6	+1.7	+1.6	30	-2	12	0	8	-28	0	9	19	—
	Juba	1012.0	-1.0	—	SW	5	3	24.2	-0.2	—	32	—	21	—	77	—	2	134	134	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 41 m

" sunset 16 h 55 m

From Observations taken at 8 h. to-day.

Thursday 10th December, 1931 — الخميس ١٠ ديسمبر ١٩٣١

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total to 8 h. yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1019.2	−2.4	+1.3	S	2	4	12.8	−0.2	—	20	—	11	—	80	—	0	33	—	1
	MATRUH	1019.4	−2.4	+1.1	SSE	3	2	13.0	+0.2	−1.0	20	0	11	0	80	+6	0	28	47	2
	ALEXANDRIA	1020.7	−2.3	+2.1	SSE	4	0	15.0	−1.9	−0.2	20	−1	13	0	88	+13	0	17	56	1
	PORT SAID	1020.3	−1.1	+3.0	ESE	3	0	17.2	+3.2	+1.2	19	−2	14	+1	81	+6	0	11	19	2
	GAZA	—	—	—	—	0	0	10.6	+1.4	−3.9	18	−3	6	−5	70	−2	0	119	81	
	HAIFA	1020.3	−1.1	+3.9	ESE	1	0	13.1	+0.4	−2.9	17	−4	9	−2	57	−9	0	137	165	3
LOWER EGYPT	TANTA	1020.3	−1.6	—	E	1	0	10.4	−1.6	—	18	—	9	—	93	—	0	4	—	
	EZBEKIYA	1019.5	−0.5	+0.7	N	1	0	8.8	−1.3	−3.2	22	0	6	−4	72	−9	0	6	6	
	GIZA	1020.2	−0.1	+0.7	NW	1	0	8.2	−0.8	—	21	0	5	−3	91	—	0	8	5	
	HELWAN	1018.8	−1.8	+0.3	WSW	3	0	14.9	+4.0	+2.2	22	+1	9	−1	24	−45	0	7	5	
	SIWA	1017.9	−2.3	−1.5	—	0	2	7.9	−2.9	−2.5	22	+1	5	−2	59	−11	0	drops	2	
RED SEA	SUEZ	1019.6	−0.8	+0.9	N	2	0	12.0	+0.5	−2.7	20	−2	8	−4	65	−10	0	drops	10	1
	TOR	1018.6	−1.6	+1.2	E	1	0	12.2	+0.2	−2.9	23	0	8	−3	72	+11	0	0	6	1
	HURGHADA	1019.0	−0.8		NW	6	0	16.2	+0.2		23		9		67		0	0		4
	QOSSEIR	1018.2	−1.6		NNW	3	0	19.2	+0.2		25		16		66		0	0		3
UPPER EGYPT	DERR	1019.5	−0.9	+0.5	SE	1	0	8.0	+1.2	−3.6	23	+1	5	−3	86	+6	0	0		
	MINIA	1018.4	−2.0		NNW	1	0	8.5	0.0	−3.9	22	+1	5	−4	73	−7				
	ASYUT	1020.0	−1.5	+0.4	W	2	0	11.0	+0.4	−1.2	25	+3	8	−1	68	−4	0	0		
	QENA	1019.5	−0.8		N	1	0	12.1	−0.3	−1.5	26	+1	8	−2	53	−10				
	KHARGA	1018.4	−1.5		—	0	0	13.8	−0.4		25		9		54		0	0		
	ASWAN	1018.0	−1.5	−0.2	NNE	1	0	14.9	+1.2	−0.8	27	+1	12	0	59	+7				
SUDAN	WAD HALFA	1016.4	−1.1	−2.3	—	0	0	13.2	+0.2	−1.0	27	+1	7	−3	62	+11				
	MEROWE	1014.8	−0.8	−1.5	NE	1	0	21.0	+0.5	+0.5	33	+2	14	0	34	−4	0	0	1	
	KERMA	1013.9	−0.9	−0.3	ENE	3	0	23.5	+1.0	+1.3	31	−1	17	+1	55	+16	0	0	1	
	KHARTOUM	1013.3	−0.2	−0.2	NNE	1	0	21.4	+0.9	+0.6	32	+1	17	0	42	+5	0	16	5	
	PORT SUDAN	1015.8	−0.2	+0.8	N	3	3	24.7	−0.4	−0.5	29	0	22	0	61	−7	0	120	70	3
	KASSALA	1010.3	+0.1	−1.8	—	0	0	24.0	−1.0	−0.8	36	+1	19	+1	67	+10	0	8	11	
	WAD MEDANI																			
	GEDAREF	1009.3	+0.2	−2.1	NW	1	0	25.0	+0.7	+1.6	37	+1	19	+3	40	−7	0	67	37	
	EL FASHER	1015.1	+0.8		WNW	2	0	14.9	−0.6	−2.2	33	+1	7	−3	40	+6	0	0	8	
	EL OBEID																			
	MALAKAL	1011.4	−0.6	+0.3	NE	2	0	27.0	+0.4	+2.0	35	−1	19	+1	38	+5	0	92	93	
	WAU																			
	JUBA	1011.0	−0.6	—	W	4	1	25.5	0.0	—	34	—	20	—	69	—	0	134	135	

Upper Air Observation at Heliopolis of 8 h. to-day

Height	Wind Force	Wind Direction
500	25	E
1000	5	NNE
1500	10	SE
2000	5	WNW
3000	15	NW

General Situation

The depression near Malta has deepened and pressure over the central Mediterranean is falling. The high pressure over Egypt continues to weaken.

الحالة العمومية

قد ازداد غور الانخفاض الذي بالقرب من مالطه والضغط آخذ في الهبوط فوق اواسط البحر الابيض - ولا يزال الارتفاع الذي فوق مصر آخذا في الاضمحلال.

Forecast for 24 hours from noon to-day.

On the coast moderate to fresh southerly winds; inland moderate northerly winds, becoming easterly tomorrow. Clear at first, high cloud later. Temperature remaining about normal.

تنبؤات للمدة الحصول الى خمس من ظهر اليوم الى ظهر الغد

رياح جنوبية بين المعتدلة والشديدة قوتها على الساحل ورياح معتدلة شمالية تتحول الى شرقية باكر في الداخل - الساء صحو في المبدأ ثم يظهر بعض السحاب العالي - تستمر درجة الحرارة حوالي المعدل

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff. from normal	Wet-bulb Temperature Mean of Day Yesterday	Wet-bulb Temperature Mean of Day Diff. from normal
	%	%	°C	°C
Alexandria	77	+12	14.9	+1.8
Ezbekiya	69	−2	11.0	−1.8
Giza	80	+5	10.7	—
Helwan	43	−17	10.2	−1.0

NOTE A dash means that figures are not available

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Remarks

* Makwar river gauge reading for 30.8.31, published on Aug. 31 – Sept 2, 1931 should read 13.11 instead of 13.21 m.

ملاحظة - صحة قراءة النهر بمقياس مكوار يوم ٣٠-٨-٣١ المذكورة بنشرتي اليوم ٣١ اغسطس الى ٢ سبتمبر هي ١٣٫١١ بدلا من ١٣٫٢١ مترا.

Discharges at Aswan measured by sluices m3 per sec		
DATE	1931	1930
9.12	1447	1387
8.12	1456	1388

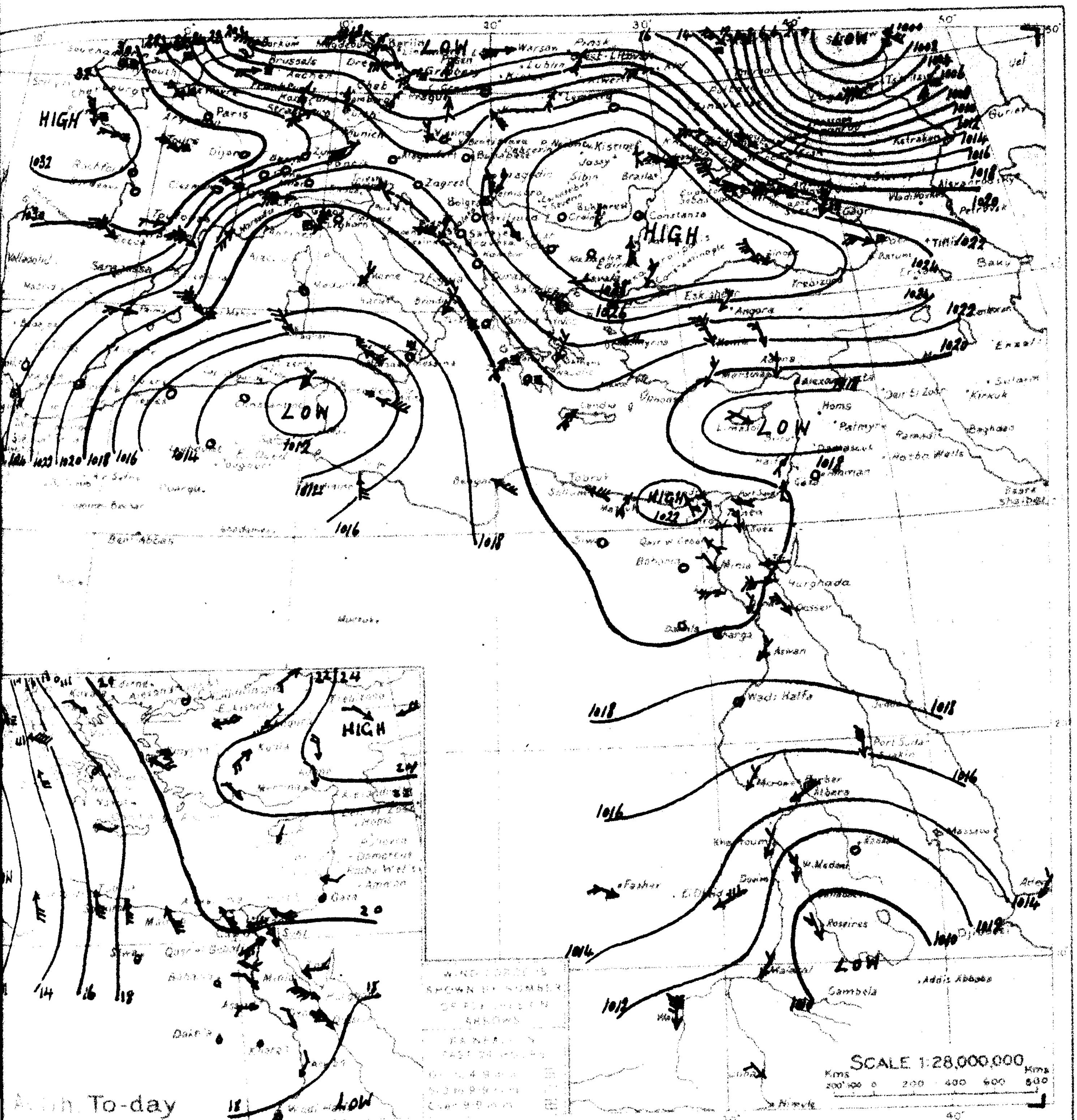
GAUGE	Date	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
	1931	m	m	m	m
Juba	9.12	13.72	+0.22	13.70	+0.20
Nasser	9.12	9.38	+0.09	9.48	+0.13
Malakal	10.12	12.19	+0.11	12.29	+0.11
Roseires	10.12	13.04	+0.04	13.08	+0.05
Sennar Res.	9.12	20.70	—	20.71	
Makwar *	9.12	5.68	−0.87	5.56	−1.02
Khartoum	10.12	11.60	−0.25	11.60	−0.26
Kh. el Girba					
Atbara	9.12	10.88	−0.29	10.88	−0.31
Wadi Halfa	10.12	2.81	−0.39	2.83	−0.39
Aswan Res.	9.12	105.82	—	105.63	
" D.S.	9.12	86.71	−0.25	86.72	−0.28
El Leithi	10.12	18.78	−0.32	18.79	−0.37
Roda (Cairo)	10.12	16.02	−0.13	16.02	−0.16

PRINTED AT THE SURVEY OF EGYPT 1929(29/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٩-١٢-٣١ Barometer and Wind at 8 h. Yesterday 9.12.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٩-١٢-٣١ From Observations taken at 8 h yesterday 9.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.2	-3.6	+3.2	NE	1	2	8	-3	—	17	—	8	—	80	—	—	—	257	—
	MALTA	1013.8	-5.3	-3.6	ESE	4	5	17	0	—	18	+1	16	+4	80	—	1	112	171	2
	ATHENS	1022.4	-1.1	+5.3	NE	2	5	13	+6	—	—	—	—	—	90	—	—	—	129	—
	CANDIA									—					—	—				
	LIMASSOL	1016.7	-8.0	-0.7	WNW	1	4	11	-2		19	0	8	-1	—	—	0	15	118	0
EGYPT and SUDAN	Wad Medani	1011.4	-0.8	-1.4	N	2	0	22.5	0.0	-1.0	34	-1	17	0	52	+13	0	11	13	—
	El Obeid	1013.4	+0.6	-1.5	ENE	3	0	21.5	-1.1	+0.6	30	-2	12	0	32	-4	0	9	19	—
	Juba	1011.6	-0.4	—	NW	1	2	25.5	+1.3	—	33	—	21	—	69	—	0	134	134	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO to-morrow

Time of sunrise 06 42

Time of sunset 16 56

From Observations taken at 8 h. to-day.

Friday 11th December, 1931 ١٩٣١ الجمعة ١١ ديسمبر

STATION	Barometer at 8 h. (Reduced to Sea Level)	Barometer Diff. from normal	Barometer Diff. from yesterday	Wind Direction	Wind Force	Sky	Temperature at 8 h.	Change in last 24 hours	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity at 8 h.	Diff. from normal	Rainfall Last 24 hours	Rainfall Since 1st Sept.	Rainfall Last Year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
Rosetta	1012.7	-6.5	-5.1	SSW	7	4	16.7	+3.9		20		14		32		0	33	—	2
Mersa Matruh	1013.3	-6.1	-5.1	SW	4	3	19.0	+6.0	+5.1	23	+3	13	+2	68	-6	0	28	48	3
Alexandria	1015.6	-5.1	-3.0	SSE	3	2	14.8	-0.2	-0.3	24	+3	12	-1	83	+8	0	17	58	2
Ras el Tin	1016.4	-3.9	-0.9	SE	3	2	17.1	-0.1	+1.2	20	-1	16	+3	63	-13	0	11	20	1
Siwa	—	—	—	E	1	0	15.9	+5.3	+1.6	21	0	8	-2	49	-23	0	119	85	
Sollum	1019.0	-1.3	+2.6	SSE	4	0	16.2	+3.1	+0.4	19	-2	—	—	52	-14	0	137	171	3
Zagazig	1016.4	-3.9		SE	1	2	12.0	+1.6		24		9		78		0	4		
Mansoura	1016.0	-3.5	-2.8	SE	1	0	11.2	+2.4	-0.7	25	+3	8	-2	60	-21	0	6	6	
Damietta	1016.6	-3.6	-2.9	SE	1	0	11.1	+2.9	—	26	+5	7	-1	75	—	0	8	6	
Port Said	1016.6	-2.2	-1.9	SE	2	0	16.7	+1.8	+4.1	24	+4	14	+4	18	-50	0	7	6	
El Arish	1012.7	-5.2	-6.8	—	0	0	9.8	+1.9	-0.4	20	-1	6	0	62	-8	0	drops	2	
Suez	1015.9	-3.7	-2.9	S	2	0	19.0	+7.0	+4.4	24	+2	11	-1	67	-8	0	drops	10	1
Port Ibrahim	1017.2	-1.4	-0.3	NNE	1	1	13.0	+0.8	-2.0	24	+1	9	-2	66	+5	0	0	6	1
Port Tewfik	1017.4	-1.6		NW	5	0	20.0	+3.8		25		9		40		0	0		3
Port Said E.	1017.9	-0.3		W	3	0	19.2	0.0		25		15		50		0	0		2
Ismailia	1017.1	-2.4	-1.9	W	1	0	9.5	+1.5	-1.9	23	+1	6	-2	67	-13	0	0		
Kantara	1017.1	-1.3		SE	1	0	11.2	+2.7	-1.1	22	+1	6	-3	67	-13				
El Qantara W.	1017.9	-2.1	-1.8	ENE	2	2	13.7	+2.7	+1.7	26	+4	8	0	42	-30	0	0		
El Qantara E.	1017.8	-1.7		NNE	1	0	13.2	+1.1	-0.3	29	+4	9	-1	44	-19				
El Tor	1016.6	-1.8		WSW	1	0	12.9	-0.9		29		7		64		0	0		
Tor	1017.2	-0.8	-1.0	—	0	0	15.7	+0.8	+0.1	29	+3	12	0	53	+1				
Kosseir	1015.1	-1.3	-3.7	N	1	0	15.8	+2.6	+1.8	28	+2	11	+1	44	-8				
Abu Zenima	1013.0	-1.8	-3.4	NE	1	0	22.5	+1.5	+2.2	33	+2	17	+3	44	+6	0	0	1	
Abu Rudeis	1012.8	-1.1	-1.5	NE	2	0	23.0	-0.5	+0.9	34	+2	19	+3	56	+17	0	0	1	
Sharm	1011.4	-1.9	-2.2	NNE	1	0	23.0	+1.6	+2.3	34	+3	18	+1	52	+15	0	16	5	
Wadi Halfa	1015.9	+0.1	+0.9	N	4	2	25.1	+0.4	0.0	28	-1	23	+1	69	+1	0	120	71	4
Dongola	1010.2	-0.1	-2.0	—	0	0	25.5	+1.5	+0.8	34	-1	21	+3	58	0	0	8	11	
Khartoum	1007.6	-1.7	-3.8	NW	1	0	24.5	-0.5	+1.2	37	+1	19	+3	36	-11	0	67	37	
Kassala	1012.2	-2.9		WNW	2	1	15.0	+0.1	-2.0	33	+1	11	+1	39	+4	0	0	8	
Port Sudan	1011.0	-0.4	-0.1	NNE	1	0	27.0	0.0	+2.0	36	0	18	0	42	+9	0	92	93	
Suakin	1009.3	-0.5	-1.7	W	6	0	27.0	0.0	+1.2	37	+2	19	+1	46	-17	0	181	146	
Kamaran	1011.6	+0.6		SW	3	1	25.0	-0.5		33		19		72		0	134	135	

General Situation

Forecast for 24 hours from noon to-day.

STATION	Air Humidity Mean of Day: Yesterday	Diff. from normal	Air Sub Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	79	+14	15.3	+2.3
Ezbekiya	62	-9	10.7	-2.0
Giza	78	+3	11.1	—
Helwan	25	-35	10.9	-0.3

NOTE. A dash means that figures are not available.

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sources m 3 per sec.

DATE	1931	1930
10.12	1450	1388
9.12	1447	1387

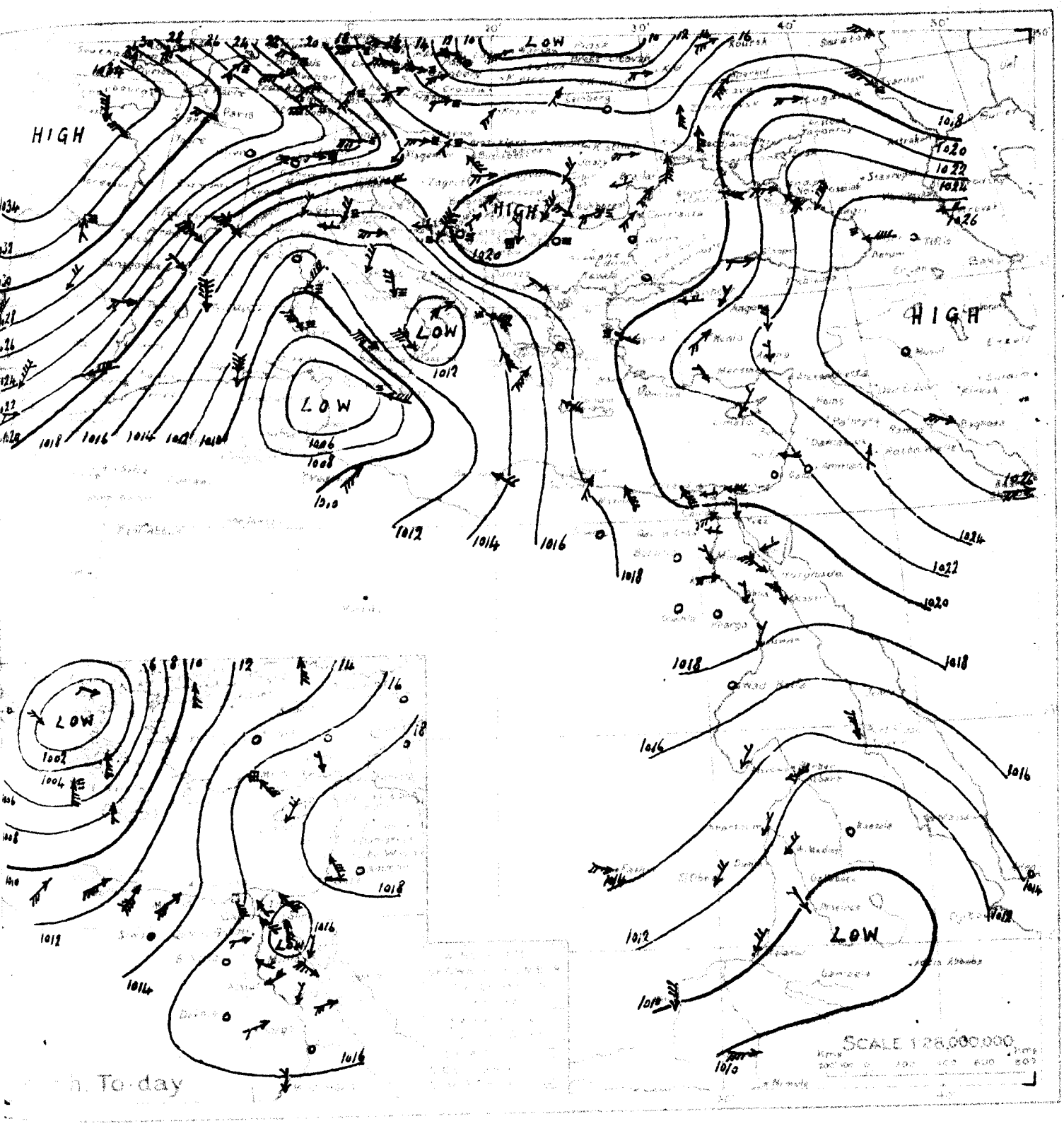
GAUGE	Date	Reading	Diff. from normal	Previous Reading
	1931	m.	m.	m.
Juba	10.12	13.76	+0.26	13.72 +0.22
Nasser	9.12	9.38	-0.09	9.48 -0.13
Malakal	10.12	12.19	+0.11	12.20 +0.11
Roseires	10.12	13.04	+0.04	13.08 +0.05
Sennar Res.	10.12	20.70	—	20.70 —
Makwar	10.12	5.50	-1.02	5.68 -0.87
Khartoum	10.12	11.60	-0.25	11.60 -0.26
Kh. el Gurba				
Atbara	9.12	10.88	-0.29	10.88 -0.31
Wadi Halfa	10.12	2.81	-0.39	2.83 -0.39
Aswan Res.	10.12	105.98	—	105.82 —
" D.S.	10.12	86.70	-0.23	86.71 -0.25
El Leithi	10.12	18.78	-0.32	18.79 -0.37
Roda (Cairo)	10.12	16.82	-0.13	16.82 -0.18

PRINTED AT THE SURVEY OF EGYPT 1329(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٠-١٢-٣١. Barometer and Wind at 8 h. Yesterday 10.12.31.



WIND VELOCITY

	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	above 104	12

STATE OF SKY

Clear	0
1 Scattered	1
2 Scattered	2
3 Scattered	3
Entirely clouded	4
Hazy	5
Misty	6
Sky hidden	7
Dust storm	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٠-١٢-٣١. From Observations taken at 8 h. yesterday 10.12.31.

STATION	Barometer			Wind			Temperature								Humidity		Rainfall			Sea
	Station level	Diff. from normal	Reduced to sea level	Direction	Force	Clouds	Dry bulb	Diff. from normal	Wet bulb	Dew point	Max.	Diff. from normal	Min.	Diff. from normal	Max.	Diff. from normal	Last 24 hrs.	Last 48 hrs.	Last 7 days	
	mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
ROME	1010.8	-7.4	-4.2	NE	3	4	10	+2	—	15	—	9	—	—	70	—	—	—	260	—
MALTA	1006.0	-7.8	-11.4	SSW	4	9	17	0	—	20	+3	15	+3	—	90	—	3	115	174	2
ATHENS	1017.8	-4.6	+0.7	—	0	4	12	-1	—	—	—	—	—	—	90	—	—	—	131	—
CANDIA																				
LIMASSOL	1020.0	+3.3	+2.6	NNE	1	0	12	+1	—	19	0	7	-2	—	—	—	0	15	122	4
EGYPT AND SUDAN																				
Wad Madani	1011.2	-0.2	-1.6	NE	2	0	23.2	+0.7	-0.2	35	0	17	0	50	+11	0	11	13	—	
El Obeid	1012.4	-1.0	-2.6	NE	2	0	20.8	-0.7	+0.1	32	0	13	+1	37	+1	0	9	19	—	
Wau	1009.8	-0.8	-1.2	N	3	0	27.0	+1.0	+1.2	37	+2	19	+1	40	-23	0	181	146	—	

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h. 43 m.

" " sunset 16 h. 56 m. Saturday 12th December, 1931 ١٩٣١ السبت ١٢ ديسمبر

From Observations taken at 8 h. to-day.

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1013.8	+1.1	-4.0	S	2	4	17.0	+0.3	—	22	—	15	—	48	—	dr.	33	—	2
	MATRUH	1014.0	+0.7	-4.4	—	0	4	15.4	-3.6	+1.6	20	0	15	+5	68	-6	tr.	28	49	0
	ALEXANDRIA	1015.6	0.0	-3.1	SSE	1	4	16.0	+1.2	+1.1	23	+2	14	+2	59	-16	0	17	60	1
	PORT SAID	1015.9	-0.5	-1.5	SSE	3	3	16.5	-0.6	+0.8	25	+4	15	+2	60	-16	0	11	20	2
	GAZA	—	—	—	—	0	1	14.2	-1.7	+0.1	20	-1	9	-1	58	-14	0	119	89	—
	HAIFA	1017.9	-1.1	+1.5	SSE	1	0	18.2	+2.0	+2.5	20	-1	10	-1	29	-37	0	137	178	2
LOWER EGYPT	TANTA	1015.6	-0.8	—	N	1	4	14.1	+2.1	—	27	—	12	—	62	—	0	4	—	—
	ZEZEBEKIYA	1015.4	-0.6	-3.4	SSE	1	3	13.2	+2.0	+1.5	25	+4	10	0	48	-33	0	6	6	—
	GIZA	1015.8	-0.8	-3.8	SE	2	3	13.6	+2.5	—	25	+4	9	+1	52	—	0	8	6	—
	HELWAN	1015.9	-0.7	-2.6	—	0	2	16.9	+0.2	+4.5	24	+4	14	+4	38	-30	0	7	6	—
	SIWA	—	—	—	—	0	0	11.9	+2.1	+1.8	26	+5	7	+1	54	-16	0	dr.	2	—
RED SEA	SUEZ	1016.3	+0.4	-2.5	E	1	2	19.0	0.0	+4.6	24	+2	14	+2	40	-35	0	dr.	10	0
	FOR	1016.4	-0.8	-1.1	NNE	1	0	14.7	+1.7	-0.2	27	+4	11	+1	71	+10	0	0	7	1
	HURGHADA	1017.5	+0.1	—	S	5	0	21.1	+1.1	—	28	—	15	—	50	—	0	0	—	3
	QOSSEIR	1016.8	-1.1	—	W	2	0	21.9	+2.7	—	26	—	17	—	63	—	0	0	—	2
UPPER EGYPT	GEBALI	1016.6	-0.5	-2.4	S	1	0	10.0	+0.5	-1.2	26	+4	7	-1	74	-6	0	0	—	—
	MINYA	1016.4	-0.7	—	SSW	1	0	12.0	+0.8	0.0	25	+4	7	-2	76	-4	—	—	—	—
	ASYUT	1016.3	-1.6	-3.4	SSE	3	0	15.3	+1.6	+3.4	26	+4	10	+2	56	-16	0	0	—	—
	QENA	1016.6	-1.2	—	NE	2	0	17.2	+4.0	+3.8	31	+7	12	+3	44	-20	—	—	—	—
	KHARGA	1015.0	-1.6	—	—	0	0	16.8	+3.9	—	31	—	11	—	63	—	0	0	—	—
	ASWAN	1016.2	-1.0	-2.1	—	0	0	17.0	+1.3	+1.7	30	+4	14	+2	56	+4	—	—	—	—
NUBIA	WADI HALFA	1013.4	-1.7	-5.4	—	0	0	16.4	+2.6	+4.5	31	+5	14	+4	59	+7	—	—	—	—
	WERNE																			—
	ATBARA																			—
	KHARTOUM	1012.0	+0.6	-1.7	N	1	0	22.4	-0.6	+1.8	35	+4	19	+3	51	+14	0	16	5	—
SOUDAN	PORT SUDAN	1014.2	-1.7	-0.9	N	2	2	26.2	+1.1	+1.2	29	+1	22	0	67	-1	0	120	72	2
	KASSALA																			—
	EL OBEID	1007.5	-0.1	-4.0	WNW	1	0	25.5	+1.0	+2.2	37	+1	20	+3	45	-1	0	67	37	—
	FASHER																			—
	KODOK																			—
	MALAKAL	1010.8	-0.2	-0.4	—	0	0	27.0	0.0	+2.1	36	0	20	+2	43	+11	0	92	93	—
	WAU																			—
	JUBA																			—

Upper Wind Observations

Aswan at h. m. 8 30

Height	Km. per hour	Direction
500	30	S
1000	30	SSW
1500	50	SSW
2000	55	SSW
3000	50	SW

General Situation

The Mediterranean depression has receded to Malta and has deepened. Pressure over Egypt is maintained.

الحالة العمومية

قد ارتد انخفاض البحر الأبيض المتوسط الى مالطة وازداد عمقاً والضغط فوق مصر محافظ لكيانه.

Forecast for 24 hours from noon to-day.

Light to moderate southerly winds. Some high cloud. Remaining mild. Possibility of rain on the coast tomorrow.

تنبؤات الطقس لحضولها في الطقس من ظهر اليوم الى ظهر الغد

رياح متوسطة بين الخفيفة والمعتدلة. تظهر بعض السحب العالية. يستمر الطقس مائلاً للاعتدال. يحتمل سقوط مطر على الساحل باكر.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff from normal
	%	%	°C	°C
Alexandria	63	-2	15.0	+2.1
Ezbekiya	57	-15	11.3	-1.2
Giza	71	-5	11.4	—
Helwan	15	-45	9.8	-1.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad PT 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec. DATE	1931	1930
11.12	1366	1387
10.12	1450	1388

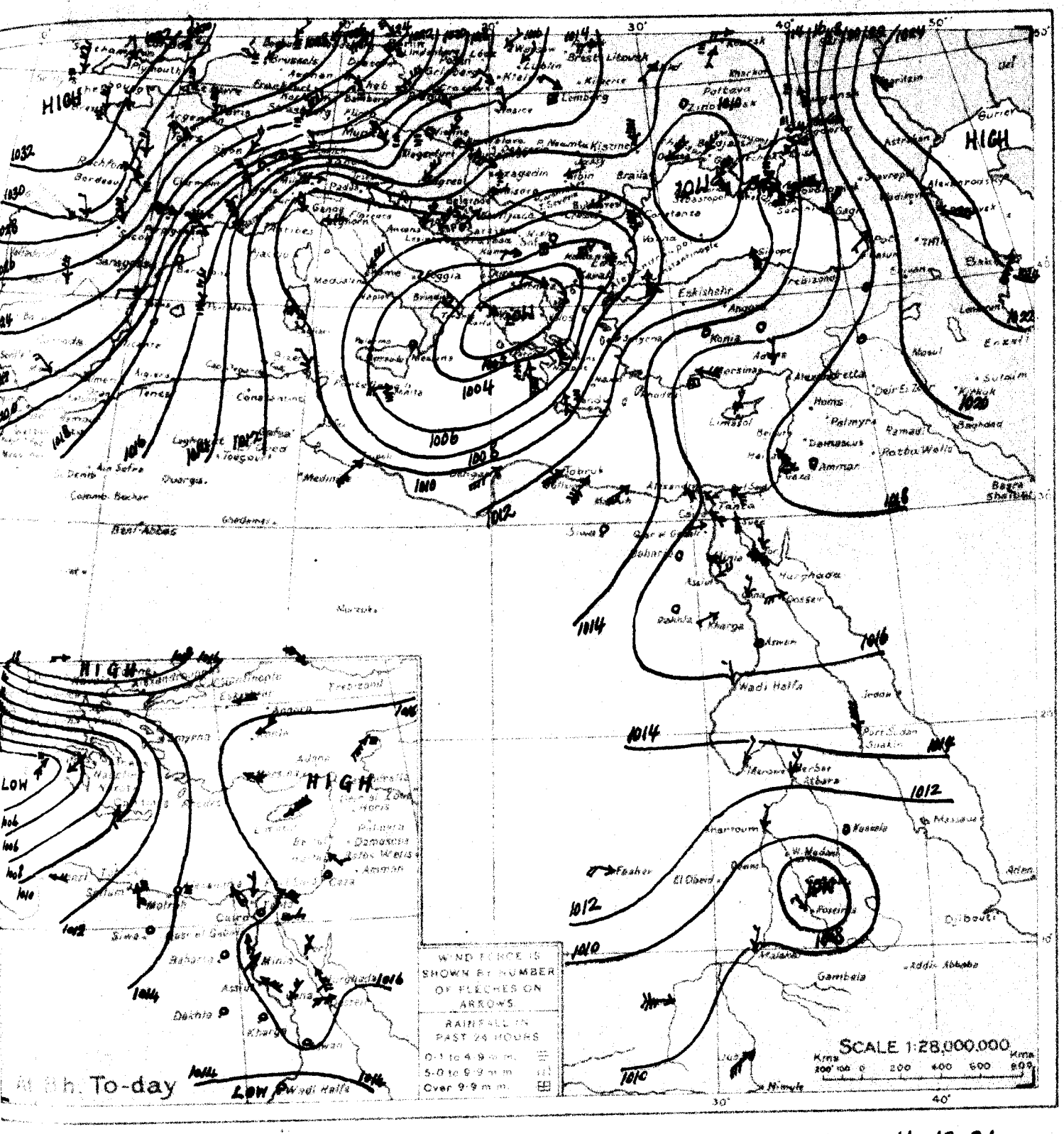
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Juba	11.12	13.74	+0.25	13.76	+0.26
Nasser	10.12	9.28	+0.06	9.38	+0.09
Malakal	11.12	12.18	+0.12	12.19	+0.11
Roseires	12.12	12.99	+0.06	13.01	+0.05
Sennar Res.	11.12	20.70	—	20.70	—
Makwar	11.12	5.50	-1.00	5.50	-1.02
Khartoum	11.12	11.57	-0.27	11.60	-0.25
Kh. el Girba					
Atbara	11.12	10.88	-0.26	10.88	-0.27
Wadi Halfa	12.12	2.77	-0.37	2.79	-0.37
Aswan Res.	11.12	106.15	—	105.98	—
" D.S.	11.12	86.53	-0.32	86.70	-0.23
El Leithi	12.12	18.65	-0.35	18.72	-0.34
Roda (Cairo)	12.12	15.95	-0.17	16.00	-0.14

PRINTED AT THE SURVEY OF EGYPT 1930(29/599/1) 1930 (30/596)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١٢-١١ Barometer and Wind at 8 h. Yesterday 11.12.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٢-١١ From Observations taken at 8 h. yesterday. 11.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1008.4	-2.4	-6.7	ENE	3	0	6	-4	—	12	—	5	—	60	—	—	—	263	—
	MALTA	1004.7	-1.3	-12.5	W	3	2	13	-4	—	17	0	12	0	80	—	Tr.	115	177	2
	ATHENS	1002.8	-15.0	-14.3	S	3	0	17	+5	—	—	—	—	—	50	—	—	—	133	—
	CANDIA									—					—	—				
	LIMASSOL	1017.4	-2.6	0.0	NE	2	4	16	+4		20	+1	11	+2	—	—	0	15	125	6
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 00 43

" " sunset 16 56

From Observations taken at 8h. to-day.

Sunday 13th December, 1931 ١٩٣١ الأحد ١٣ ديسمبر

STATION	Barometer: Pressure at Sea Level	Barometer: Diff. from normal	Barometer: Diff. from yesterday	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Highest	Temperature: Diff. from normal	Temperature: Lowest	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Last 24 hours	Rainfall: Since 1st Oct.	Rainfall: Same period last year	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
SOLLUM	1011.8	-2.0	-6.0	SSE	3	4	15.0	-2.0		23		14		65		0	33	—	4
MERSA MATRUH	1013.3	-0.7	-5.1	—	0	4	15.6	+0.2	+2.0	22	+2	15	+5	77	+3	0	28	50	0
ALEXANDRIA	1014.3	-1.3	-4.4	SE	1	4	16.0	0.0	+1.2	24	+3	14	+2	79	+4	0	17	62	1
ABOUKIR	1014.6	-1.3	-2.8	SE	2	4	19.1	+2.6	+3.6	25	+5	16	+4	50	-26	0	11	21	1
[illegible]																			
[illegible]	1015.1	-2.8	-1.3	SSE	1	4	18.5	+0.3	+3.0	22	+1	13	+3	58	-9	0	137	185	2
[illegible]	1014.3	-1.3		NE	1	4	16.3	+2.2		25		14		64		0	4		
[illegible]	1014.2	-1.2	-4.7	SE	1	2	16.1	+2.9	+4.5	28	+7	13	+3	59	-22	0	6	7	
[illegible]	1014.3	-1.5	-5.3	SE	1	3	16.1	+2.5	—	29	+8	12	+4	59	—	0	8	6	
[illegible]	1014.6	-1.3	-3.9	SE	2	3	19.0	+2.1	+6.7	28	+8	12	+2	40	-28	0	7	6	
[illegible]	—	—	—	—	0	0	11.8	-0.1	+1.9	25	+4	6	0	54	-16	0	dr.	2	
[illegible]	1014.2	-2.1	-4.7	S	2	3	20.0	+1.0	+5.8	25	+3	13	+1	57	-18	0	dr.	11	1
[illegible]	1015.8	-0.6	-1.8	NE	1	2	17.0	+2.3	+2.2	26	+3	12	+2	76	+16	0	0	7	1
[illegible]	1015.8	-1.7		SE	4	0	19.0	-2.1		27		11		52		0	0		2
[illegible]	1016.0	-0.8		N	2	0	22.4	+0.5	—	28		18		76		0	0		2
[illegible]	1014.6	-2.0	-4.5	WSW	1	0	13.0	+3.0	+2.0	25	+4	9	+1	68	-12	0	0		
[illegible]	1015.4	-1.0		NNE	1	0	15.2	+3.2	+3.3	28	+7	10	+1	76	-4				
[illegible]	1015.9	-0.4	-3.9	SW	2	0	17.0	+1.7	+5.2	28	+6	12	+4	63	-9	0	0		
[illegible]	1015.1	-1.5		N	2	0	16.2	-1.0	+3.0	32	+8	11	+2	58	-6				
[illegible]	1014.0	-1.0		—	0	0	19.0	+2.2		32		12		63		0	0		
[illegible]	1014.8	-1.4	-3.6	—	0	0	18.5	+1.5	+3.4	35	+9	16	+5	51	-1				
[illegible]	1013.0	-0.4	-5.9	—	0	0	18.4	0.0	+4.7	35	+9	14	+4	59	+7				
[illegible]	1012.8	-0.2	-1.6	E	2	0	24.5	+1.5	+2.7	35	+3	18	+3	50	+11	0	0	1	
[illegible]	1011.9	-0.1	-1.8	—	0	0	22.1	-0.3	+1.6	37	+6	19	+3	46	+9	0	16	5	
[illegible]	1015.4	+1.2	+0.3	NW	2	1	26.5	+0.3	+1.5	30	+2	23	+1	79	+11	0	120	73	2
[illegible]	1007.6	+0.1	-3.9	NW	1	0	25.5	0.0	+2.3	38	+2	19	+3	32	-14	0	67	37	
[illegible]	1010.0	-0.8	-1.2	NE	1	0	28.9	+1.9	+4.0	37	+1	20	+3	35	+3	0	92	93	
[illegible]	1010.2	-0.5		SW	3	0	24.3	-0.8		36		17		62		0	134	135	

Synopsis

8 45 A wedge of high pressure centred over the Balkans is extending towards Egypt, but the pressure over western Egypt is falling. The depression remains near Malta but is becoming less deep. The gradient of pressure over Egypt is very small.

يمتد نتوء من الارتفاع الذى فوق البلقان نحو مصر ولكن الضغط يهبط بالغرب من مصر ولا يزال الانخفاض بالقرب من مالطه الا انه يقل عمقاً وانحدار الضغط ضئيل جداً فوق مصر.

35 S
30 SW
35 SW
55 SW
50 SW

Forecast for 24 hours from noon to day

Inland light to moderate southerly winds. On the coast light southerly winds becoming northerly tomorrow and freshening. Much cloud at times. Rain on the coast probable tomorrow. Remaining warm.

رياح جنوبية بين الخفيفه والمعتدلة فى الداخل ورياح خفيفه جنوبية تتحول الى شماليه باكر على الساحل وتشتد نوعاً. تكثر السحب احياناً. يحتمل سقوط مطر على الساحل باكر. يستمر الطقس مائلاً للدفء.

STATION	Humidity, Mean of Day: Yesterday	Humidity, Mean of Day: Diff. from normal	Wind, Mean of Day: Yesterday	Wind, Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	63	-2	15.1	+2.3
Ezbekiya	51	-21	12.8	+0.4
Giza	57	-19	13.2	—
Helwan	29	-31	13.4	+2.5

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³ per sec

DATE	1927	1930
12.12	1300	1390
11.12	1366	1387

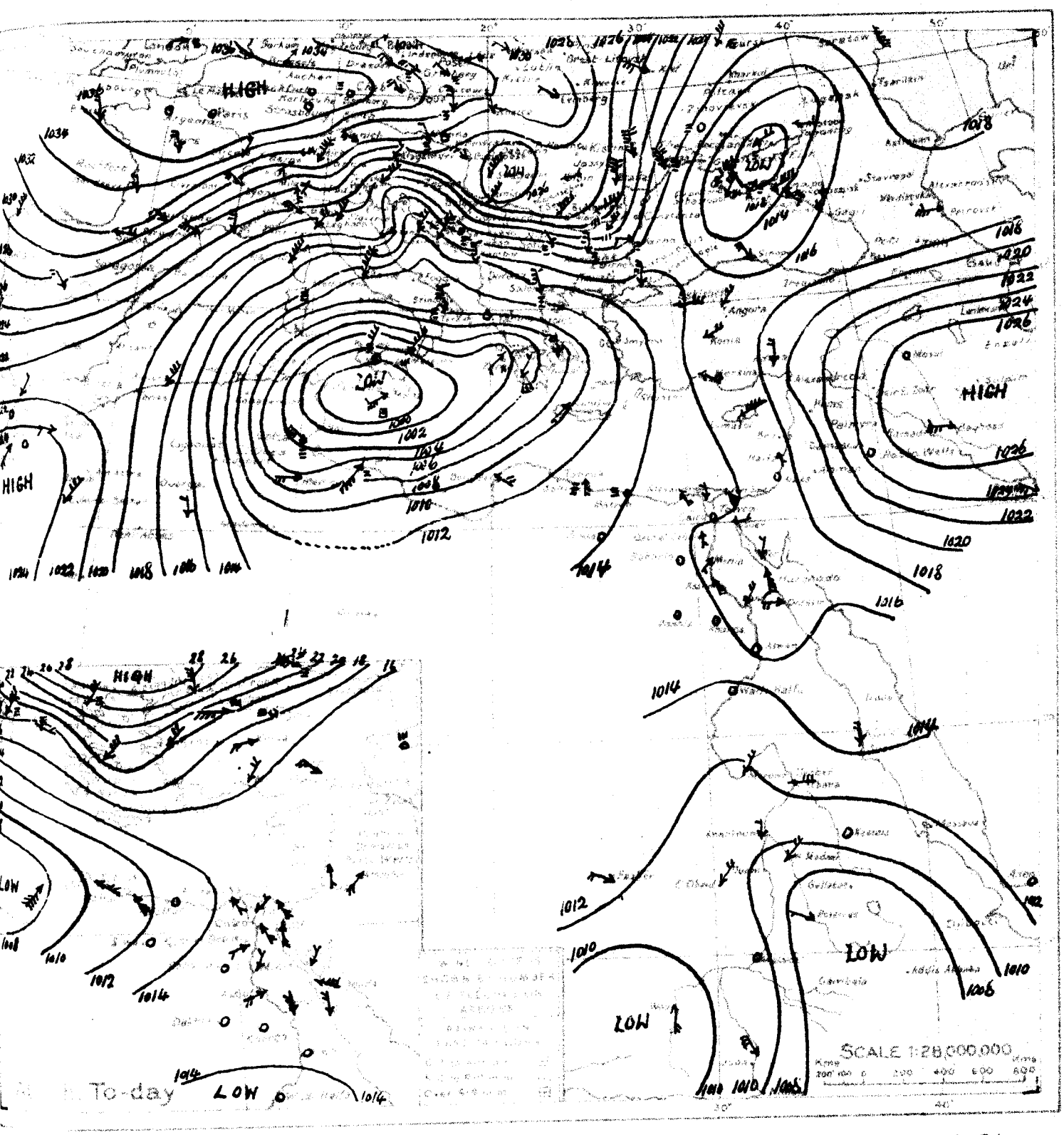
GAUGE	Date 1931	Reading	Diff. from normal	Rise since	Reading	Rise
		m	m		m	m
Juba	12.12	13.76	+0.27		13.74	+0.25
Nasser	12.12	9.08	-0.02		9.22	+0.07
Mulakal	12.12	12.16	+0.12		12.18	+0.12
Roseires	13.12	12.96	+0.07		12.99	+0.06
Sennar Res.	12.12	20.70	—		20.70	—
Makwar	12.12	5.43	-1.04		5.50	-1.00
Khartoum	12.12	11.55	-0.27		11.57	-0.27
Kh. el Girba	—	—	—		—	—
Atbara	12.12	10.88	-0.25		10.88	-0.26
Wadi Halfa	13.12	2.75	-0.38		2.77	-0.37
Aswan Res.	12.12	106.38	—		106.15	—
" D.S.	12.12	86.48	-0.37		86.58	-0.32
El Leithi	13.12	18.60	-0.36		18.65	-0.35
Roda (Cairo)	13.12	16.00	-0.10		15.95	-0.17

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١٢-١٢ Barometer and Wind at 8 h. Yesterday 12.12.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
1 Covered	1
2 Covered	2
3 Covered	3
Entirely clouded	4
Rain	5
Snow	6
Sleet	7
Fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٢-١٢ From Observations taken at 8 h. yesterday 12.12.31.

STATION	Barometer Sea level	Barometer Station level	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff. from normal	Temperature Max.	Temperature Diff. from normal	Temperature Min.	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Rain 24 hours	Rainfall Total from 0h. yesterday	Rainfall Normal from 0h. yesterday	Sea
	mm.	mm.	mm.				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
ROME	1011.8	+3.4	-3.3	NE	6	3	3	-3	—	12	—	2	—	40	—	—	—	266	—
MALTA	998.0	-6.7	-19.2	WSW	5	5	13	0	—	15	-2	9	-3	70	—	15	130	160	2
ATHENS	1007.2	+4.4	-9.9	N	2	4	12	-5	—	—	—	—	—	90	—	—	—	135	—
CANDIA									—					—	—				
LIMASSOL	1016.6	-0.8	-0.8	ENE	4	4	18	+2		21	+2	15	+6	—	—	0	15	129	6
EGYPT and SUDAN																			
Merowe مروى	1012.0	-1.0	-4.4	NE	2	0	24.0	+1.5	+3.9	35	+4	19	+5	57	+19	0	0	1	—
Albara عطبرة	1013.0	+0.2	-1.4	E	3	0	23.0	0.0	+1.1	34	+2	19	+3	59	+20	0	0	1	—
Kassala كسلا	1010.7	+0.5	-1.5	—	0	0	26.5	+1.0	+1.9	36	+1	22	+4	59	+1	0	8	11	—
Wad Madani ود مدنى	1009.6	-1.5	-3.3	NE	2	0	24.3	+0.8	+1.1	37	+3	18	+1	48	+9	0	11	13	—
El Fasher الفاشر	1012.2	0.0	—	WNW	2	0	15.0	0.0	-1.9	33	+1	10	0	39	+4	0	0	8	—
El Obeid الأبيض	1010.3	-0.5	-4.6	NE	2	0	26.0	+2.7	+5.7	34	+3	15	+3	38	+2	0	9	19	—
Wau واو	1008.4	-0.9	-2.6	S	2	1	27.7	+0.7	+2.0	36	+3	20	+2	49	-13	0	181	146	—
Juba جوبا	1010.7	-0.9	—	NW	3	0	25.1	+0.1	—	35	—	16	—	61	—	0	134	135	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 43

" " sunset 16 56

From Observations taken at 8h. to-day.

Monday 14th December, 1931 ١٩٣١ الاثنين ١٤ ديسمبر

Station	Barometer at 8h.	Change	Diff. from normal	Wind Direction	Force	Sky	Temperature at 8h.	Change	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity at 8h.	Diff. from normal	Rainfall			Sea
[illegible]	1016.0	+4.2	-1.8	W	3	1	7.1	-7.9		23		6		73		0	33	—	4
[illegible]	1014.7	+1.4	-3.8	WNW	4	2	16.2	+0.6	+2.7	23	+3	11	+1	71	-3	0	28	51	4
[illegible]	1014.2	-0.1	-4.5	W	4	3	19.0	+3.0	+4.3	27	+6	16	+4	81	+6	0	17	64	3
[illegible]	1012.8	-1.8	-4.6	WSW	2	8	16.8	-2.3	+1.5	26	+6	15	+3	74	-2	0	11	22	2
[illegible]	—	—	—	—	0	0	16.2	+1.8	+2.4	24	+4	11	+1	61	-11	0	119	98	
[illegible]	1011.4	-3.7	-5.0	—	0	0	19.2	+0.7	+3.9	23	+3	14	+4	55	-12	0	137	191	2
[illegible]	1013.4	-0.9		SW	1	4	12.4	-3.9		29		11		72		0	4		
[illegible]	1014.3	+0.1	-4.6	—	0	2	15.2	-0.9	+3.8	28	+7	14	+5	61	-20	0	6	7	
[illegible]	1014.6	+0.3	-5.0	—	0	3	15.0	-1.1	—	28	+8	12	+4	78	—	0	8	6	
[illegible]	1014.6	0.0	-3.9	—	0	4	16.7	-2.3	+4.6	28	+8	16	+6	62	-6	0	7	6	
[illegible]	1017.5	—	-2.0	—	0	0	9.6	-2.2	-0.1	25	+4	7	+1	69	-1	0	dr.	2	
[illegible]	1012.7	-1.5	-6.2	S	2	4	20.0	0.0	+6.0	25	+3	16	+4	81	+6	0	dr.	11	1
[illegible]	1013.9	-1.9	-3.7	NNE	1	2	15.8	-1.2	+1.1	27	+4	16	+6	75	+15	0	0	7	1
[illegible]	1013.9	-1.9		SE	4	0	20.1	+1.1		27		13		—		0	0		2
[illegible]	1015.0	-1.0		NE	2	0	21.8	-0.6		26		17		77		0	0		2
[illegible]	1015.2	+0.6	-3.9	W	1	0	13.0	0.0	+2.1	28	+7	11	+3	66	-14	0	0		
[illegible]	1015.5	+0.1		NNW	1	0	14.7	-0.5	+3.0	29	+8	11	+3	55	-25				
[illegible]	1015.4	-0.5	-4.5	W	2	0	15.4	-1.6	+3.8	28	+7	12	+4	60	-12	0	0		
[illegible]	1014.4	-0.7		NNE	1	0	16.7	+0.5	+3.7	32	+8	11	+2	58	-6				
[illegible]	1014.3	+0.3		—	0	0	17.8	-1.2		32		11		66		0	0		
[illegible]	1014.2	-0.6	-4.3	—	0	0	18.0	-0.5	+3.0	33	+7	15	+4	60	+8				
[illegible]	1012.3	-0.7	-6.6	—	0	0	19.4	+1.0	+5.8	35	+9	14	+5	60	+8				
[illegible]	1012.3	-0.5	-2.2	E	2	0	23.7	-0.8	+2.0	35	+3	17	+2	62	+24	0	0	1	
[illegible]	1011.4	-0.5	-2.4	—	0	0	21.9	-0.2	+1.5	36	+5	19	+3	42	+5	0	16	5	
[illegible]	1014.3	-1.1	-0.8	NW	2	1	26.5	0.0	+1.6	31	+3	22	+1	69	+1	0	120	74	2
[illegible]	1011.4	+0.7	-0.9	—	0	0	22.0	-5.0	-2.3	32	-3	15	-2	25	-34	0	8	11	
[illegible]	1007.1	-0.5	-4.4	NW	1	0	26.0	+0.5	+2.9	39	+3	18	+2	30	-16	0	67	37	
[illegible]	1012.0	+0.9		NNW	2	0	16.9	-0.6	+0.3	36	+4	10	0	39	+4	0	0	8	
[illegible]	1009.5	-0.5	-1.7	—	0	0	29.2	+0.3	+4.4	38	+2	21	+4	39	+7	0	92	93	
[illegible]	1007.6	-0.2	-3.5	SE	3	0	25.0	-3.0	-0.7	38	+3	18	0	58	-3	0	181	146	

General Situation

8 30 The Mediterranean depression has now moved to Cyprus, and a shallow low-pressure covers the eastern Mediterranean basin. Pressure over western Egypt is rising.

وصل انخفاض البحر الأبيض المتوسط لقبرص وقد أمتد على شرقه البحر الأبيض المتوسط انخفاض متسع قليل العمق والضغط على غرب مصر في صعود .

15 NNW
20 WSW
40 WSW
40 WSW
40 SW

Forecast for 24 hours from noon to day.

Westerly winds, light to moderate inland, moderate to fresh on the coast. Medium cloud developing. Rain in the north probable. Much cooler tomorrow.

رياح غربية ما بين الخفيفة والمعتدلة في الداخل وما بين المعتدلة والشديدة نوعاً على الساحل . يأخذ السحاب الوسط في التكوين ويحتمل ان تمطر في الشمال ويبرد الطقس كثيراً غداً .

Station	Humidity Mean of Day Yesterday	Diff. from normal	Mean Temperature Mean of Day Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	73	+8	16.9	+4.2
Ezbekiya	59	-13	14.9	+2.7
Giza	58	-18	15.2	—
Helwan	35	-25	15.1	+4.3

NOTE. A dash means that figures are not available

Terms of Subscription By inland Post PT 100 annually
" " Abroad PT 150

Remarks

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
13.12	1218	1388
12.12	1300	1390

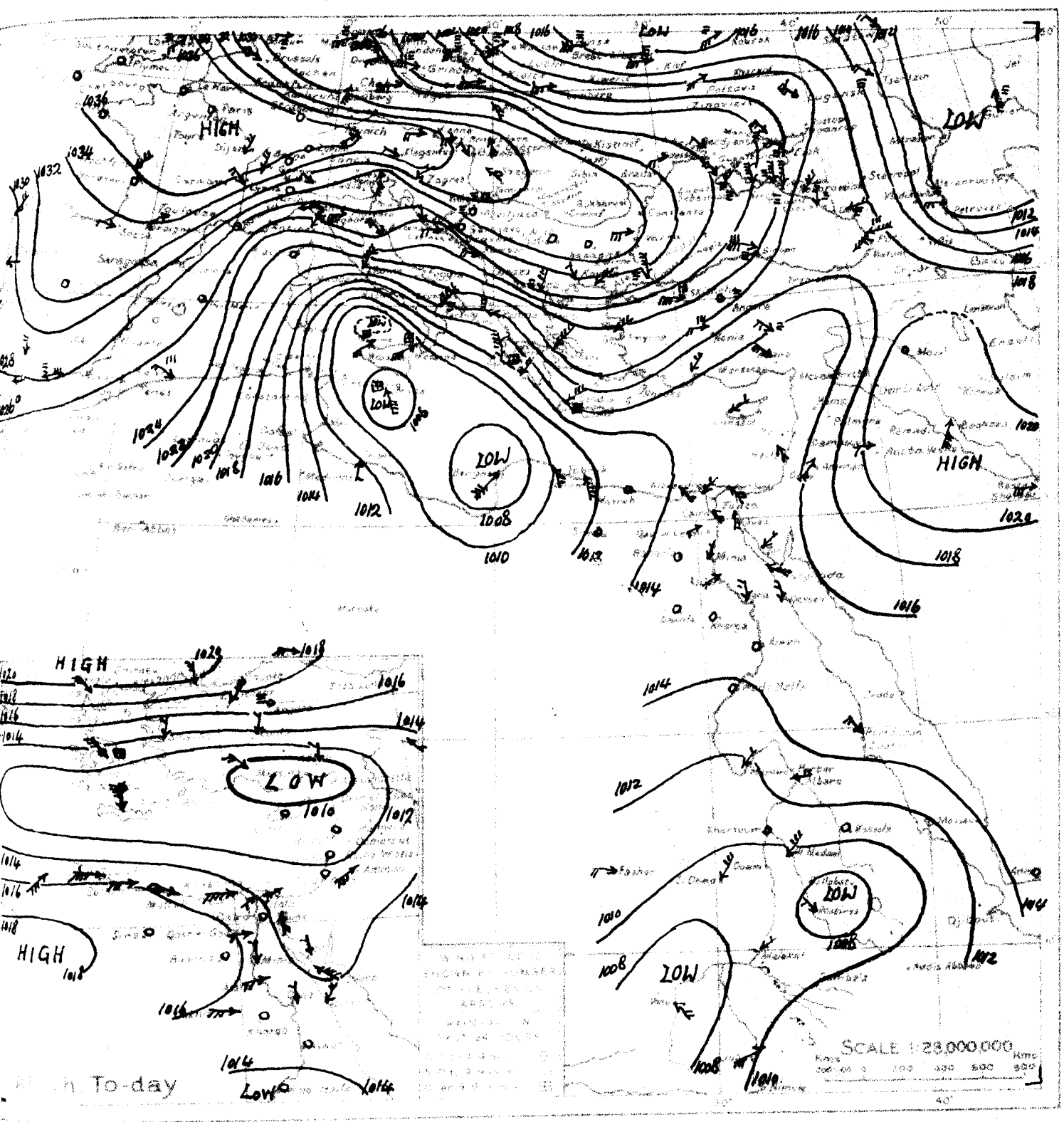
GAUGE	Date	Reading	Diff. from normal	Date	Reading	Diff.
	1931	m.	m.		m.	m.
Juba	13.12	13.78	+0.30	13.76		+0.27
Nasser	13.12	8.98	-0.05	9.08		-0.02
Malakal	13.12	12.14	+0.11	12.16		+0.12
Roseires	14.12	12.92	+0.06	12.96		+0.07
Sennar Res.	13.12	20.70	—	20.70		—
Makwar	13.12	5.50	-0.95	5.43		-1.04
Khartoum	13.12	11.56	-0.24	11.55		-0.27
Kh. el Girba	—			—		—
Atbara	13.12	10.88	-0.23	10.88		-0.25
Wadi Halfa	14.12	2.72	-0.39	2.75		-0.38
Aswan Res.	13.12	106.62	—	106.38		—
" D.S.	13.12	86.37	-0.45	86.48		-0.37
El Leithi	14.12	18.54	-0.37	18.60		-0.36
Roda (Cairo)	14.12	15.93	-0.15	16.00		-0.10

PRINTED AT THE SURVEY OF EGYPT 1930(33/659/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٣١-١٢-١٣ Barometer and Wind at 8 h. Yesterday 13. 12. 31.



WIND VELOCITY

	Km/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	29-38	5
Strong	39-49	6
Very strong	49-59	7
Gale	59-68	8
Strong gale	69-77	9
Whole gale	78-88	10
Storm	89-102	11
Hurricane above 102		12

STATE OF SKY

Clear	0
1 Clouded	1
2 Clouded	2
3 Clouded	3
Entirely clouded	4
Haze	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٢-١٣ From Observations taken at 8 h yesterday. 13.12.31

STATION	Barometer Sea level 8 h.	Change last 24 hours	Change last 48 hours	Wind Direction	Force	Sky	Temperature Air 8 h.	Change last 24 hours	Diff. from normal	Max. yesterday	Diff. from normal	Min. yesterday	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Past 24 hours	Since 1st Oct.	Normal to 1st Oct.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
ROME	1019.5	+7.7	+4.3	NE	6	0	7	+4	—	9	—	4	—	30	—	0	—	269	—
MALTA	1006.3	+8.3	-10.9	S	4	5	9	-4	—	14	-3	8	-4	70	—	11	141	182	2
ATHENS	1021.4	+14.2	+4.3	NE	3	4	8	-4	—	—	—	7	-1	70	—	—	—	137	—
CANDIA									—					—	—				
LIMASSOL	1015.2	-1.4	-2.3	ENE	1	4	14	-4		21	+2	9	0	—	—	0	15	133	5
Merowe مروى	1011.9	-0.1	-4.6	NE	1	0	24.5	+0.5	+4.5	36	+5	18	+4	53	+15	0	0	1	—
Kassala كسلا	1010.7	0.0	-1.6	—	0	0	27.0	+0.5	+2.5	36	+1	22	+4	56	-2	0	8	11	—
Wad Medani ودمدني	1009.6	0.0	-3.4	NE	3	0	25.5	+1.2	+2.4	38	+4	19	+2	40	0	0	11	13	—
El Fasher الفاشر	1011.1	-1.1	—	WNW	2	0	17.5	+2.5	+0.7	33	+1	10	0	31	-4	0	0	8	—
El Obeid الأبيض	1009.0	-1.3	-6.2	NE	3	0	26.5	+0.5	+6.3	35	+4	16	+4	34	-3	0	9	19	—
Waw واو	1007.8	-0.6	-3.3	SE	2	0	28.0	+0.3	+2.3	38	+3	19	+1	37	-15	0	181	146	—

EGYPT and SUDAN

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 44

" " sunset 16 57

From Observations taken at 8 h. to-day.

Tuesday 15th December, 1931 — ١٩٣١ — الثلاثاء ١٥ ديسمبر

STATION	Barometer: Reduced to Sea Level	Barometer: Change in last 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in last 24 hours	Temperature: Diff. from normal	Temperature: Highest in last 24 hours	Temperature: Diff. from normal	Temperature: Lowest in last 24 hours	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Last 24 hours	Rainfall: Since 1st Sept.	Rainfall: Since 1st Jan.	Sea
	m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m	m.m	
SOLLUM																			
MATRUH	1011.6	−3.1	−6.9	SW	4	0	10.2	−6.0	−3.2	18	−2	9	−1	76	+2	0	28	52	4
ALEXANDRIA	1014.0	−0.2	−4.7	WSW	5	0	10.7	−8.3	−3.9	22	+2	10	−2	50	−25	0	17	66	4
PORT SAID	1014.0	+1.2	−3.4	WSW	4	1	12.2	−4.6	−3.0	23	+3	11	−1	43	−33	0	11	22	3
GAZA	—	—	—	S	1	0	13.3	−2.9	−0.4	24	+4	10	0	46	−26	0	119	102	
JAFFA	1010.3	−1.1	−6.1	SSW	2	4	19.1	−0.1	+3.9	23	+3	14	+4	55	−12	0	137	198	3
TANTA	1015.2	+1.8		SSE	1	0	8.4	−4.0		23		5		50		0	4		
ZAGAZIG	1016.3	+2.0	−2.6	SE	1	0	9.9	−5.3	−1.3	24	+3	9	0	56	−25	0	6	7	
BILBEIS	1016.7	+2.1	−2.9	SSW	2	1	10.0	−5.0	—	23	+3	7	−1	52	—	0	8	6	
MANSURA	1016.8	+2.2	−1.8	S	2	0	9.3	−7.4	−2.7	25	+5	9	−1	40	−28	0	7	6	
EL KAB	1016.8	−0.7	−2.8	W	1	0	10.2	+0.6	+0.6	25	+4	7	+1	65	−5	0	drops	2	
ASYUT	1015.9	+3.2	−3.1	W	3	3	16.5	−3.5	+2.6	24	+2	9	−3	33	−42	0	drops	11	2
LUXOR	1014.7	+0.8	−3.0	NNW	4	2	19.5	+3.7	+5.0	25	+2	14	+4	60	0	0	0	7	3
KOROSKO	1014.2	+0.3		NNW	5	0	20.4	+0.3		27		14		70		0	0		3
WADI HALFA	1014.0	−1.0		NNW	2	0	22.0	+0.2		27		18		69		0	0		2
SIWA	1016.7	+1.5	−2.4	W	2	0	12.8	−0.2	+2.1	24	+3	6	−1	68	−12	0	0		
BENI SUEF	1019.0	+3.5		ESE	1	0	10.5	−4.2	−1.0	24	+3	7	−1	63	−17				
FASHN	1019.5	+4.1	−0.5	W	2	0	11.9	−3.5	+0.4	25	+4	9	+1	50	−22	0	0		
MINIA	1017.4	+3.0		WNW	3	0	14.8	−1.9	+1.9	32	+8	11	+2	54	−10				
ASSIUT	1018.4	+4.1		—	0	0	12.7	−5.1		29		8		61		0	0		
KENEH	1016.2	+2.0	−2.4	NNE	3	0	17.9	−0.1	+3.1	32	+7	16	+5	37	−15				
QUSEIR	1015.2	+2.9	−3.8	NNW	4	0	17.0	−2.4	+3.6	32	+7	15	+6	36	−16				
KHARGA	1012.4	+0.6	−4.2	NNE	1	0	24.0	0.0	+4.3	36	+5	18	+4	29	−9	0	0	1	
DAKHLA	1011.4	0.0	−2.5	N	2	0	21.4	−0.5	+1.1	34	+3	17	+1	38	+1	0	16	5	
FARAFRA	1014.0	−0.3	−1.2	NW	1	1	26.5	0.0	+1.7	31	+3	22	+1	69	+1	0	120	75	1
SIWA	1007.4	+0.3	−4.2	WNW	1	0	24.0	−2.0	+1.0	38	+2	16	0	33	−13	0	67	37	
KHARTOUM	1009.9	+0.6		NW	3	1	23.8	+0.8		38		18		57		0	134	136	

Upper Air Observations

8 30	30	WSW
	45	W
	45	WSW

General Situation

A depression is situated north of Egypt. High pressure extends from the Balkans across the east-central Mediterranean. There is a fairly steep gradient of pressure from Egypt to Cyprus.

الحالة الجوية

هناك انخفاض بالجهة الشمالية من مصر ويوجد ارتفاع يمتد من البلقان ويغطي الجزء الشرقي لوسط البحر الابيض المتوسط وانحدار الضغط كبير نوعا من مصر نحو قبرص.

Forecast for 24 hours from noon to day.

Fresh, at times strong, southwest to northwest winds.
Some medium cloud.
Rain in the north probable.
Remaining cool and unsettled.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر اليوم الى الظهر

رياح نسيمية تشتد احيانا جنوبية غربية وشمالية غربية. يظهر بعض السحاب المتوسط الارتفاع. يحتمل تساقط مطر في الشمال. يستمر الطقس مائلا للبرودة وغير مستقر.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wind Velocity Mean of Day: Yesterday	Wind Velocity Mean of Day: Diff. from normal
	%	%	m/s	m/s
Alexandria	66	+1	15.2	+2.6
Ezbekiya	49	−23	12.6	+0.6
Giza	59	−17	13.1	—
Helwan	43	−17	12.5	+1.8

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m³/s per sec.

DATE	1931	1930
14.12	1142	1390
13.12	1218	1388

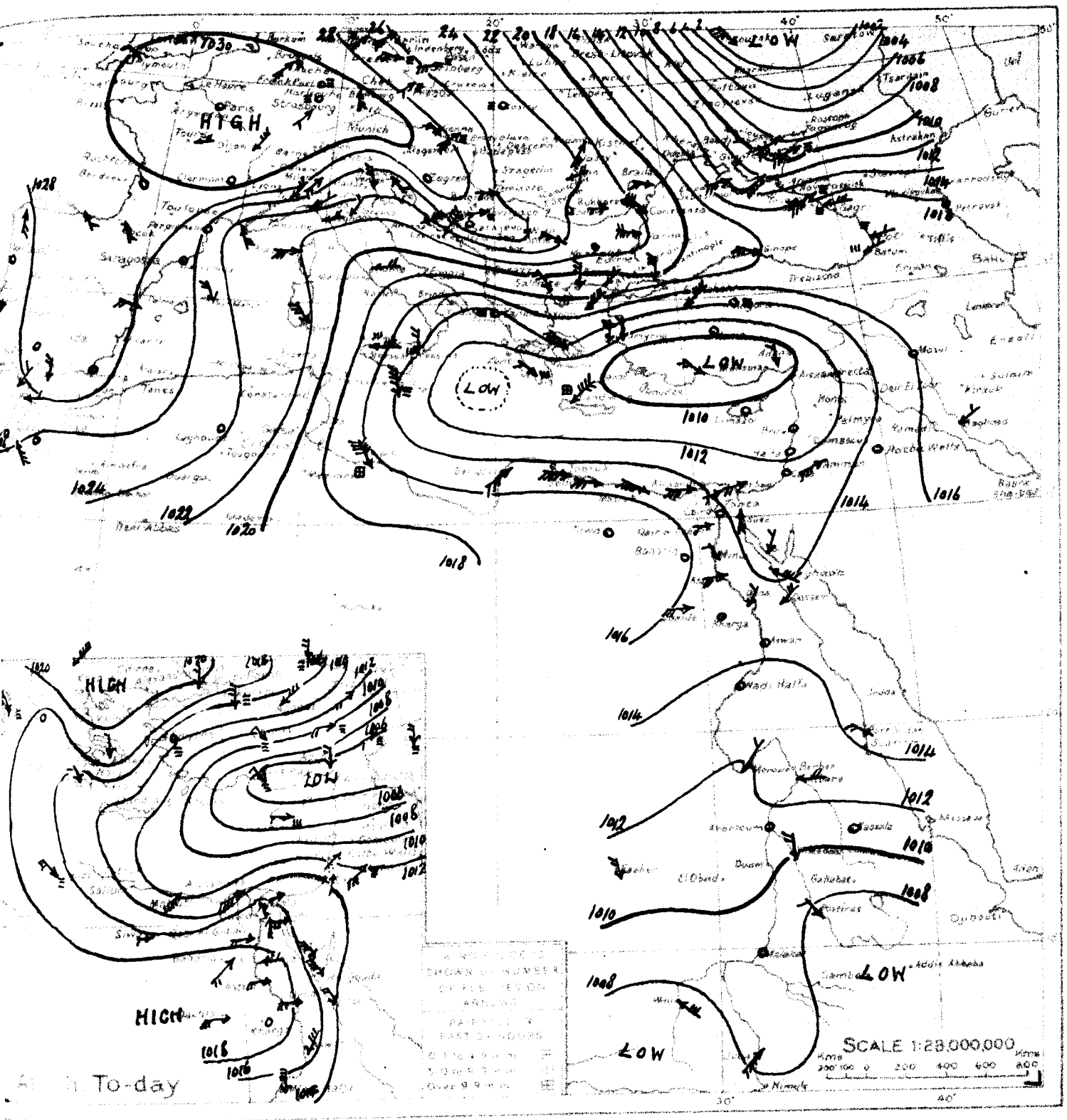
GAUGE	Date	Reading	Diff. from normal	Previous: Reading	Previous: Diff.
	1931	m.	m.	m.	
Juba	14.12	13.72	+0.24	13.78	+0.30
Nasser	13.12	8.98	−0.05	9.08	−0.02
Malakal	14.12	12.13	+0.11	12.14	+0.11
Roseires	15.12	12.88	+0.04	12.92	+0.06
Sennar Res.	13.12	20.70	—	20.70	—
Makwar	13.12	5.50	−0.95	5.43	−1.04
Khartoum	14.12	11.52	−0.26	11.56	−0.24
Kh. el Girba					
Atbara	14.12	10.88	−0.22	10.88	−0.23
Wadi Halfa	15.12	2.69	−0.39	2.72	−0.39
Aswan Res.	14.12	106.88	—	106.62	—
" D.S.	14.12	86.24	−0.56	86.37	−0.45
El Leithi	15.12	18.54	−0.35	18.54	−0.37
Roda (Cairo)	15.12	15.97	−0.07	15.93	−0.13

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٢-١٤ Barometer and Wind at 8 h. Yesterday 14.12.31.



WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-33	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
1 Cloudy	1
1 Clouded	2
2 Clouded	3
Entirely clouded	4
Fog	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢١-١٢-١٤ From Observations taken at 8 h yesterday 14.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change last 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change last 24 hours	TEMPERATURE Diff from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff from normal	TEMPERATURE Minimum	TEMPERATURE Diff from normal	HUMIDITY At 8 h.	HUMIDITY Diff from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		m.m	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.7	-0.8	+3.5	E	2	1	6	-1	—	12	—	5	—	60	—	—	—	272	—
	MALTA	1013.0	+6.7	-4.1	N	4	4	13	+4	—	13	-4	9	-3	60	—	2	143	185	4
	ATHENS	1012.6	-8.8	-4.5	NW	3	5	5	-3	—	—	—	—	—	—	—	—	—	139	—
	CANDIA									—					—	—				
	LIMASSOL	1010.3	-4.9	-7.2	—	0	4	13	-1		21	+2	9	+1	—	—	0	15	136	—
EGYPT and SUDAN	Merowe	1011.8	-0.1	-4.7	NE	1	0	24.0	-0.5	+4.1	38	+7	18	+4	39	+1	0	0	1	—
	Wad Medani	1009.4	-0.2	-3.6	N	2	0	25.0	-0.5	+2.0	38	+4	18	+1	44	+4	0	11	13	—
	Juba	1009.3	-0.9	—	SW	4	0	23.0	-1.3	—	38	—	17	—	60	—	0	134	136	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 45

" " sunset 16 57

From Observations taken at 8h. to-day.

Wednesday 16th December, 1931 ١٩٣١ الاربعاء ١٦ ديسمبر

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Change in last 24 hours	Temperature Diff from normal	Max. yesterday	Diff from normal	Minimum	Diff from normal	Humidity At 8 h	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Oct.	Rainfall Total since 1st January	SEA
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C			mm	mm	mm	
SOLLUM	1022.0	+8.7	+4.3	WNW	4	4	9.5	-1.5		18		8		92	—	dr.	33	—	1
MATROH	1020.3	+8.7	+1.8	NW	3	3	14.4	+4.2	+1.1	17	-3	10	0	76	+2	0	28	53	3
ALEXANDRIA	1020.0	+6.0	+1.3	NNW	4	3	16.8	+6.1	+2.3	17	-3	10	-2	61	-14	dr.	17	68	3
PORT SAID	1018.8	+4.8	+1.3	W	3	4	14.6	+2.4	-0.4	19	-1	12	0	82	+6	dr.	11	23	4
GAZA	—	—	—	SW	2	4	12.6	-0.7	-1.0	18	-2	9	-1	74	+2	8	127	106	
JAFFA	1014.2	+3.9	-2.2	SSW	1	3	18.1	-1.0	+3.1	21	+1	12	+2	67	0	16	153	204	3
TANTA	1020.0	+4.8		SSE	1	4	12.0	+3.6		20		8		88		tr.	4		
ZEIDENIA	1021.0	+4.7	+2.1	SE	1	4	13.0	+3.1	+2.0	20	-1	10	+1	82	+1	dr.	6	7	
GIZA	1021.2	+4.5	+1.5	SSE	1	4	13.0	+3.0	—	19	-1	10	+2	85	—	0	8	6	
HELWAN	1021.6	+4.8	+3.0	S	2	4	11.7	+2.4	-0.1	18	-2	11	+1	81	+13	0	7	6	
FAYUM	1022.2	+5.4	+2.6	—	0	4	11.1	+0.9	+1.6	21	0	8	+2	66	-4	0	dr.	2	
SUEZ	1019.4	+3.5	+0.4	N	1	4	16.6	+0.1	+2.9	23	+1	15	+4	64	-11	0	dr.	11	0
TOR	1019.0	+4.3	+1.3	NNW	4	2	18.0	-1.5	+3.6	22	0	13	+3	63	+3	0	0	7	4
HURGHADA	1019.1	+4.9		NW	6	0	15.3	-5.1		24		12		74		0	0		4
QOSSEIR	1019.0	+5.0		W	3	0	17.8	-4.2		25		15		43		0	0		3
[illegible]	1021.2	+4.5	+2.0	W	1	0	10.0	-2.8	-0.6	20	-1	6	-1	84	+4	0	0		
[illegible]	1022.8	+3.8		NNE	1	0	11.5	+1.0	+0.2	21	0	7	-1	82	+2				
[illegible]	1022.4	+2.9	+2.4	W	3	0	11.2	-0.7	-0.2	20	-1	8	0	73	+1	0	0		
[illegible]	1021.4	+4.0		WNW	2	3	12.2	-2.6	-0.6	25	+1	7	-2	67	+3				
[illegible]	1021.6	+3.2		—	0	1	12.2	-0.5		24		7		74		0	0		
[illegible]	1020.7	+4.5	+2.1	NE	3	0	13.4	-4.5	-1.3	25	0	11	0	42	-10				
[illegible]	1020.2	+5.0	+1.2	N	3	0	13.6	-3.4	+0.3	26	+1	11	+2	36	-16				
[illegible]	1012.8	-0.8	-1.6	NE	2	0	23.0	-2.0	+1.6	33	+2	18	+3	52	+14	0	0	1	
[illegible]	1014.0	+2.6	+0.1	N	3	0	20.6	-0.8	+0.4	33	+2	18	+2	30	-7	0	16	5	
[illegible]	1013.4	-0.6	-1.8	N	2	2	26.7	+0.2	+1.9	31	+3	22	+1	70	+2	0	120	76	2
[illegible]	1009.3	+1.9	-2.3	WSW	1	0	24.0	0.0	+1.0	39	+3	17	+1	33	-13	0	67	37	
[illegible]	1015.0	+3.0		WNW	2	0	15.0	-1.5	-1.4	34	+3	10	0	49	+14	0	0	8	
[illegible]	1011.5	+0.9	+0.2	NNE	3	0	26.3	-0.9	+1.6	37	+1	19	+2	29	-2	0	92	93	

Upper Wind Observations

Aswan at 9 30

Height	Speed	Direction
500	10	WNW
1000	25	NW
1500	25	WNW
2000		
3000		

General Situation

الحالة الجوية

The depression passed yesterday and is now situated over Northern Syria. Pressure over Egypt has risen considerably.

ر انخفاض البارحه ويقع الآن في شمال الشام وقد ارتفع الضغط على مصر كثيراً.

Forecast for 24 hours from noon to day.

On the coast fresh northwest winds; inland moderate south-west to west winds. Much low cloud. Possibility of further light rain in the north, but conditions improving. Remaining cool.

يتوقع لنهر خصوصاً في الطقس من ظهر اليوم الى ظهر الغد
رياح شديدة فرعاً شمالية غربية على الساحل ومعتدلة جنوبية غربية الى غربية في الداخل. يكثر السحاب المنخفض ويحتمل ان تمطر خفيفاً من أمزى في الشمال ولكن حالة الجو آخذة في التحسن. ويستمر الطقس بارداً.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Air Bulb Temperature Mean of Day Yesterday	Air Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	59	-6	11.5	-1.0
Ezbekiya	62	-10	10.1	-1.8
Giza	61	-15	10.1	—
Helwan	49	-11	8.8	-1.8

NOTE. A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
16.12	988	1368
15.12	1065	1387

GAUGE	Date 1931	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff m
Juba	15.12	13.72	+0.25	13.72	+0.24
Nasser	15.12	8.73	-0.17	8.86	-0.12
Malakal	15.12	12.11	+0.11	12.13	+0.11
Roseires	16.12	12.85	+0.04	12.88	+0.04
Sennar Res.	15.12	20.70	—	20.70	—
Makwar	15.12	5.38	-1.02	5.42	-1.00
Khartoum	15.12	11.50	-0.27	11.52	-0.26
Kh. el Girba	—	—	—	—	—
Atbara	16.12	10.88	-0.19	10.88	-0.20
Wadi Halfa	16.12	2.69	-0.37	2.69	-0.39
Aswan Res.	16.12	107.47	—	107.76	—
" D.S.	16.12	85.98	-0.74	86.10	-0.65
El Leithi	16.12	18.50	-0.34	18.54	-0.35
Roda (Cairo)	16.12	15.93	-0.07	15.97	-0.07

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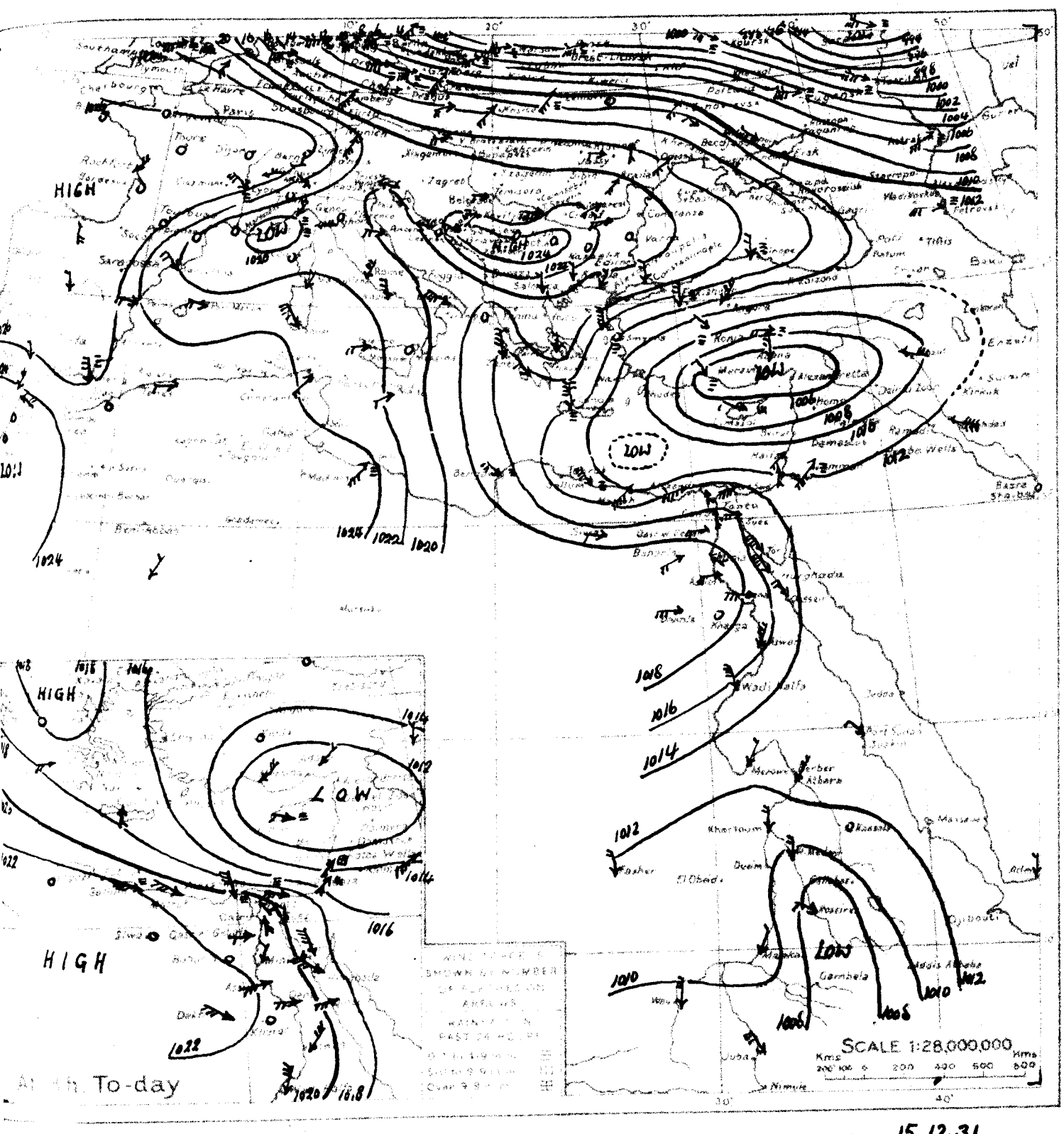
PHYSICAL DEPARTMENT.

REPORT.

٣١-١٢-١٥ Barometer and Wind at 8 h. Yesterday 15.12.31.



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

STATE OF SKY	
Clear	0
½ Clouded	1
½ Clouding	2
½ Shaded	3
Entirely clouded	4
Rain	5
Sand haze	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٢-١٥ From Observations taken at 8 h. yesterday 15.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Max. yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1st to yesterday	RAINFALL Normal from Oct. 1st to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.2	+2.5	+5.8	NNE	3	2	3	-3	—	15	—	3	—	80	—	—	—	275	—
	MALTA	1020.6	+7.6	+3.5	WSW	1	1	11	-2	—	14	-2	9	-2	70	—	0	143	188	2
	ATHENS	1018.6	+6.0	+1.5	N	1	3	6	+1	—	—	—	—	—	60	—	—	—	141	—
	CANDIA									—					—	—				
	LIMASSOL	1007.6	-2.7	-9.9	WNW	1	1	13	0		20	+1	12	+4	—	—	5	20	140	2
EGYPT and SUDAN	Sollum سلوم	1013.1	-2.9	-4.7	NW	4	5	11.0	+3.9	—	17	—	8	—	99	—	dr.	33	—	1
	Albara عطبرة	1013.6	+1.3	-0.9	NE	2	0	25.0	+1.3	+3.5	34	+3	17	+2	51	+13	0	0	1	—
	Kassala كسلا	1011.9	+0.5	-0.4	—	0	0	22.0	0.0	-2.3	33	-2	16	-1	25	-34	0	6	11	—
	Wad Medani ود مدني	1009.4	0.0	-3.7	N	2	0	23.0	-2.0	+0.1	37	+3	17	+1	38	-2	0	11	13	—
	EL Fasher الفاشر	1012.0	0.0	—	NNW	2	0	16.5	-0.4	0.0	35	+4	12	+2	42	+7	0	0	8	—
	Mukalla المكلا	1010.6	+1.1	-0.8	NNE	1	0	27.2	-2.0	+2.4	37	+1	20	+3	27	-4	0	92	93	—
	Wau واو	1008.7	+1.1	-2.4	N	3	0	25.9	+0.9	+0.2	38	+3	18	0	56	-5	0	181	146	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 45

" " sunset 16 57

From Observations taken at 8 h. to-day.

Thursday 17th December, 1931

الخميس ١٧ ديسمبر ١٩٣١

Station	Barometer Reduced to Sea Level	Change in past 24 hours	Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Rain	Snow	Dew	Sea
							°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
Salloum	1020.0	−2.0	+2.3	W	4	1	9.8	+0.3		18		9		89		drops	33	—	3
Mersa Matruh	1019.6	−0.7	+1.1	NW	2	0	11.4	−3.0	−1.8	18	−2	10	0	76	+2	0	28	54	2
Alexandria	1020.0	0.0	+1.3	WSW	4	2	13.4	−3.4	−1.0	22	+2	12	0	72	−3	trace	17	70	3
Port Said	1020.4	+1.6	+2.9	SW	2	3	13.0	−1.6	−1.9	19	−1	11	−1	77	+1	0	11	23	1
[illegible]	—	—	—	—	0	2	13.1	+0.5	−0.4	—	—	9	−1	78	+6	3	130	111	
[illegible]	1019.5	+5.3	+3.1	—	0	0	14.5	−3.6	−0.4	20	0	11	+1	73	+6	0	153	211	2
[illegible]	1020.8	+0.8		SSE	1	4	12.0	0.0		20		10		74		0	4		
[illegible]	1020.8	−0.2	+1.8	SSE	1	2	12.8	−0.2	+1.9	20	−1	12	+3	67	−14	0	6	8	
[illegible]	1021.8	+0.6	+2.1	SE	2	3	13.0	0.0	—	19	−1	11	+3	70	—	0	8	7	
[illegible]	1022.0	+0.4	+3.4	SSE	2	2	12.1	+0.4	+0.4	19	−1	11	+1	57	−11	0	7	7	
[illegible]	1021.4	−0.8	+1.8	—	0	4	5.6	−5.5	−3.8	20	0	4	−2	83	+13	0	drops	3	
[illegible]	1019.9	+0.5	+0.9	S	2	3	12.5	−4.1	−1.1	21	−1	10	−1	69	−6	drops	drops	12	2
[illegible]	1019.9	+0.9	+2.2	NNE	3	0	12.1	−5.9	−2.2	21	−1	7	−3	64	+4	0	0	7	3
Kasr el Dubara	1019.6	+0.5		NW	5	0	16.4	+1.1		21		11		64		0	0		3
[illegible]	1021.1	−0.1	+1.9	NW	1	0	10.4	+0.4	0.0	21	0	9	+2	70	−10	0	0		
[illegible]	1023.0	+0.2		NNE	2	0	8.2	−3.3	−3.0	21	+1	6	−2	83	+3				
[illegible]	1023.1	+0.7	+3.0	W	3	0	11.1	−0.1	−0.1	20	−1	8	0	68	−4	0	0		
[illegible]	1022.6	+1.2		NNW	2	1	10.2	−2.0	−2.4	25	+1	7	−2	81	+17				
[illegible]	1020.3	−0.4	+1.6	NE	2	3	13.0	−0.4	−1.5	22	−3	11	0	55	+3				
[illegible]	1019.1	−1.1	+0.1	N	2	1	12.0	−1.6	−1.2	23	−2	10	+1	65	+13				
[illegible]	1013.1	+0.3	−1.6	N	2	0	23.0	0.0	+1.7	31	0	18	+3	58	+20	0	0	1	
[illegible]	1013.1	−0.9	−0.8	N	2	0	20.2	−0.4	+0.2	32	+2	17	+1	31	−6	0	16	5	
[illegible]	1015.0	+1.6	−0.2	N	3	4	23.7	−3.0	−1.0	30	+2	22	+1	74	+6	0	120	76	3
[illegible]	1007.6	−1.7	−4.0	NNW	2	0	24.0	0.0	+1.1	38	+2	17	+1	33	−13	0	67	37	
[illegible]	1014.3	−0.7		NE	3	0	13.0	−2.0	−3.3	34	+3	6	−4	35	0	0	0	8	
[illegible]	1010.2	0.0	−0.9	N	6	0	23.0	0.0	−2.7	37	+2	18	0	38	−22	0	181	146	

General Situation

8.30

Egypt is an area of high pressure, which decreases towards Cyprus.
A shallow depression now centred at the entrance of the Adriatic is moving east.

مصر الآن منطقة ارتفاع تقل في اتجاه قبرص.
وهناك انخفاض عند مدخل الأدرياتيك يتحرك شرقا.

[illegible]	15	WNW
[illegible]	5	NW
[illegible]	5	WNW
[illegible]	25	W
[illegible]	45	W

Forecast for 24 hours from noon to-day.

On the coast moderate westerly winds. Inland light south to west winds.
Some medium cloud.
Possibility of further light rain in the north.
Somewhat cooler.

رياح معتدلة غربية على الساحل - ورياح خفيفة بين جنوبية وغربية في الداخل - يظهر بعض السحاب المتوسط الارتفاع.
يحتمل تساقط مطر آخر خفيف في الشمال - تهبط درجة الحرارة قليلا.

Station	Humidity Mean of Day		Sun Rays Temperature Mean of Day	
	Yester-day	Diff. from normal	Yester-day	Diff. from normal
	%	%	°C	°C
Alexandria	82	+17	14.5	+2.1
Ezbekiya	65	−7	12.0	+0.2
Giza	75	−1	12.1	—
Helwan	62	+2	11.2	+0.7

NOTE. A dash means that figures are not available.

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec		
DATE	1931	1930
16.12	988	1388
15.12	1065	1387

Gauges	Date	Reading	Diff. from normal	Previous Reading	Diff.
	1931	m.	m.	m.	
Juba	16.12	13.70	+0.23	13.72	+0.25
Nasser	16.12	8.59	−0.26	8.73	−0.17
Malakal	15.12	12.11	+0.11	12.13	+0.11
Roseires	16.12	12.85	+0.04	12.88	+0.04
Sennar Res.	16.12	20.70	—	20.70	—
Makwar	16.12	5.36	−1.00	5.38	−1.02
Khartoum	15.12	11.50	−0.27	11.52	−0.26
Kh. el Girba					
Atbara	16.12	10.88	−0.19	10.88	−0.20
Wadi Halfa	16.12	2.69	−0.37	2.69	−0.39
Aswan Res.	16.12	107.47	—	107.16	—
" D.S.	16.12	85.98	−0.74	86.10	−0.65
El Leithi	16.12	18.50	−0.34	18.54	−0.35
Roda (Cairo)	16.12	15.93	−0.07	15.97	−0.07

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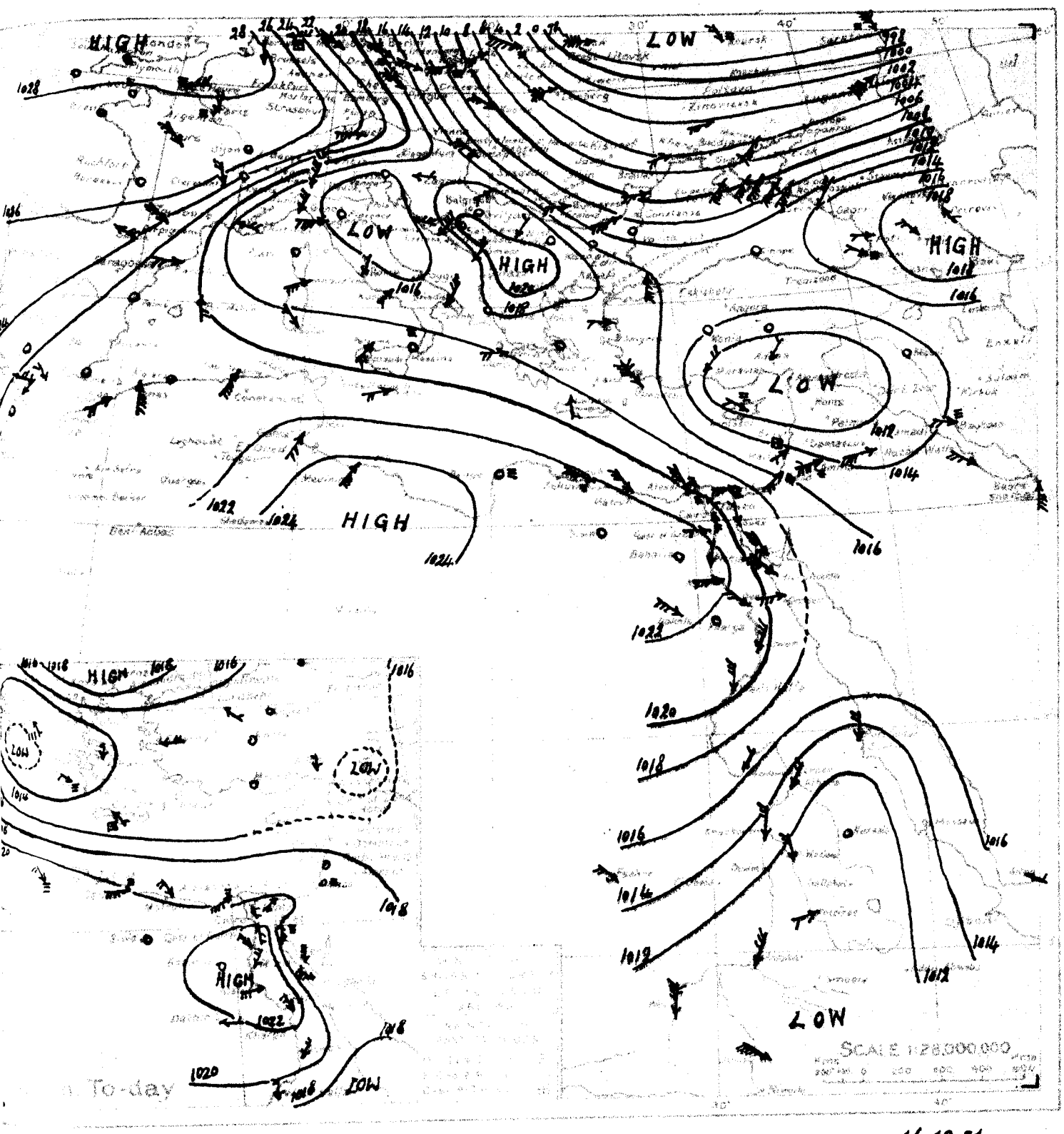
PHYSICAL DEPARTMENT.

REPORT.

١٦-١٢-٣١. Barometer and Wind at 8 h. Yesterday 16.12.31.



WIND VELOCITY

		Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-9	2
Light	10-18	3
Moderate	19-26	4
Fresh	27-36	5
Strong	37-46	6
Very strong	47-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-89	10
Storm	90-103	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
1 Cloudlet	1
1 Cloudlet	2
1 Cloudlet	3
Extensive cloud	4
Rain or	5
Snow	6
Sand storm	7
Water fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

١٦-١٢-٣١. From Observations taken at 8 h. yesterday. 16.12.31.

STATION	Barometer at Sea Level	Temperature	Dew Point	Wind Direction	Force	Cloud	Visibility	Max.	Min.	Rainfall	Max.	Min.	Sun Shine	Diff. from normal	Rel. Humidity at 8 h.	Diff. from normal	Rainfall Past 24 hours	Total since 1st Sept.	Total since 1st Jan.	Sea
	mm.	°C	°C					°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
ROME	1017.2	-4.0	+1.8	NNE	1	4	6	+3	—	12	—	3	—	70	—	—	—	278	—
MALTA	1020.1	-0.5	+3.0	WSW	2	4	12	+1	—	16	0	11	0	90	—	drops	143	191	2
ATHENS	—	—	—	—	0	0	2	-4	—	—	—	—	—	90	—	—	—	143	—
CANDIA																			
LIMASSOL	1011.9	+4.3	-5.6	WNW	1	1	13	0		17	-1	8	0	—	—	trace	20	144	3
Merowe	1016.8	+4.4	+0.2	NE	1	0	18.5	-5.5	-1.1	35	+5	15	+2	22	-16	0	0	1	—
Kassala	1010.7	-1.2	-1.7	—	0	0	24.0	+2.0	-0.2	36	+2	17	0	53	-6	0	8	11	—
Wad Medani	1011.8	+2.4	-1.3	N	3	0	23.6	+0.6	+0.9	37	+3	19	+3	31	-9	0	11	13	—
Wau	1010.2	+1.5	-0.9	N	6	0	23.0	-2.9	-2.7	39	+4	19	+1	41	-19	0	181	146	—
Juba	1012.7	+2.8	—	NW	4	3	21.5	-2.3	—	39	—	18	—	70	—	0	134	136	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 45 m

" " sunset 16 h 57 m

From Observations taken at 8 h. to-day.

Friday 18th December, 1931 ١٩٣١ الجمعة ١٨ ديسمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1020.4	+0.4	—	W	3	0	7.2	-2.6	—	19	—	6	—	86	—	0	33	—	1
	MATRUH	1019.2	-0.4	+0.7	W	3	3	11.4	0.0	-1.6	19	0	10	0	73	-1	0	28	55	2
	ALEXANDRIA	1019.6	-0.4	+0.8	W	3	4	14.8	+1.4	+0.5	20	0	12	0	81	+6	0	17	71	2
	PORT SAID	1019.2	-1.2	+1.7	WSW	2	4	13.0	0.0	-1.8	20	0	12	0	78	+2	0	11	24	1
	GAZA	—	—	—	—	0	8	11.3	-1.8	-2.0	19	-1	7	-3	83	+10	0	130	115	—
	HAIFA	1018.4	-1.1	+2.0	—	0	4	14.3	-0.2	-0.5	19	-1	11	+1	66	-1	0	153	217	3
LOWER EGYPT	TANTA	1019.5	-1.3	—	SW	1	4	9.9	-2.1	—	20	—	9	—	74	—	0	4	—	—
	CAIRO EZBEKIYA	1019.9	-0.9	+0.9	SE	1	4	11.6	-1.2	+0.8	20	-1	10	+1	59	-22	0	6	8	—
	CAIRO GIZA	1020.0	-1.8	+0.3	SE	1	4	10.9	-2.1	—	20	0	9	+2	72	—	0	8	7	—
	CAIRO HELWAN	1020.7	-1.3	+2.1	ESE	1	4	10.9	-1.2	-0.7	20	0	10	+1	51	-17	0	7	7	—
	SIWA	1020.4	-1.0	+0.8	—	0	4	4.9	-0.7	-4.4	20	0	4	-1	71	+1	0	drops	3	—
RED SEA	SUEZ	1019.1	-0.8	+0.1	—	0	4	12.5	0.0	-1.0	22	+1	10	-1	69	-6	0	drops	12	0
	TOR	1016.7	-3.2	-1.1	NNE	3	4	12.6	+0.5	-1.6	20	-2	9	-1	59	-1	0	0	7	3
	HURGHADA	1019.1	-0.5	—	NW	6	0	16.9	+0.5	—	21	—	11	—	62	—	0	0	—	4
	QOSSEIR	1018.8	—	—	WNW	5	1	17.7	—	—	22	—	14	—	45	—	0	0	—	4
UPPER EGYPT	GEBALI	1020.6	-0.5	+1.4	W	1	2	10.0	-0.4	-0.3	20	-1	9	+2	74	-6	0	0	—	—
	MINYA	1021.5	-1.5	—	NNE	1	0	8.5	+0.3	-2.6	19	-1	6	-2	79	-1	—	—	—	—
	ASYUT	1021.8	-1.3	+1.6	WSW	2	4	9.7	-1.4	-1.3	20	-1	8	+1	64	-8	0	0	—	—
	QENA	1020.2	-2.4	—	W	2	3	9.6	-0.6	-2.8	24	0	7	-2	76	+12	—	—	—	—
	KHARGA	1020.4	-1.5	—	—	0	3	11.8	+1.3	—	22	—	6	—	67	—	0	0	—	—
	ASWAN	1019.8	-0.5	+1.1	NNE	1	0	12.0	-1.0	-2.4	23	-2	8	-3	54	+2	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.8	-1.3	-1.2	N	2	0	11.2	-0.8	-1.9	23	-2	8	-1	52	0	—	—	—	—
	MEROWE	1015.5	-0.3	-1.2	NE	1	0	19.0	0.0	-0.3	31	+1	14	+1	30	-8	0	0	1	—
	ATBARA	1013.4	+0.3	-1.3	N	2	0	22.5	-0.5	+1.3	31	0	18	+3	59	+21	0	0	1	—
	KHARTOUM	1013.4	+0.3	-0.6	N	2	0	21.0	+0.8	+1.1	32	+2	19	+3	47	+10	0	16	5	—
SOUTH SUDAN	PORT SUDAN	1015.0	0.0	-0.3	N	2	2	23.9	+0.2	-0.7	28	0	21	0	75	+7	42	162	77	2
	KASSALA	1010.8	-0.6	-1.6	—	0	0	23.5	+1.5	-0.5	35	+1	19	+2	59	-1	0	8	11	—
	WAD MEDANI																			—
	ROSEIRES	1009.0	+1.4	-2.7	~~NNW~~	2	0	25.0	+1.0	+2.2	38	+2	18	+2	47	+1	0	67	37	—
	EL FASHER	1014.4	+0.1	—	NNW	2	0	14.5	+1.5	-1.7	31	0	10	0	34	-1	0	0	8	—
	EL OBEID																			—
	MALAKAL	1011.6	+0.9	+0.3	NNE	3	0	25.4	-0.3	+0.8	36	0	20	+3	37	+7	0	92	93	—
	WAU	1010.3	+0.1	-0.9	N	6	1	24.9	+1.9	-0.8	36	+1	19	+1	31	-28	0	181	146	—
	JUBA	1011.0	+0.4	—	NW	3	1	24.0	-1.8	—	37	—	18	—	60	—	0	134	137	—

Upper Wind Observations at Helwan at h. m.

Height (metres)	Kms. per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation

الحالة العمومية

Forecast for 24 hours from noon to day.

تغيرات الطقس محتملة في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	63	-2	12.7	+0.4
Ezbekiya	58	-14	10.6	-1.1
Giza	67	-9	11.0	—
Helwan	45	-15	9.6	-0.8

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
17-12	987	1390
16-12	988	1388

GAUGE	Date 1931	Reading m	Diff from normal m.	Previous day: Reading m	Previous day: Diff. from normal m.
Juba	17-12	13.72	+0.25	13.70	+0.23
Nasser	17-12	8.44	-0.36	8.59	-0.26
Malakal	17-12	12.06	+0.09	12.08	+0.09
Roseires	18-12	12.79	+0.04	12.82	+0.04
Sennar Res.	17-12	20.71	—	20.70	—
Makwar	17-12	5.34	-1.00	5.36	-1.00
Khartoum	17-12	11.43	-0.30	11.44	-0.31
Kh. el Girba					
Atbara	18-12	10.30	-0.24	10.84	-0.21
Wadi Halfa	18-12	2.68	-0.34	2.68	-0.36
Aswan Res.	17-12	107.76	—	107.47	—
" D.S.	17-12	85.97	-0.71	85.48	-0.74
El Leithi	19-12	18.37	-0.40	18.45	-0.35
Roda (Cairo)	18-12	15.88	-0.02	15.81	-0.07

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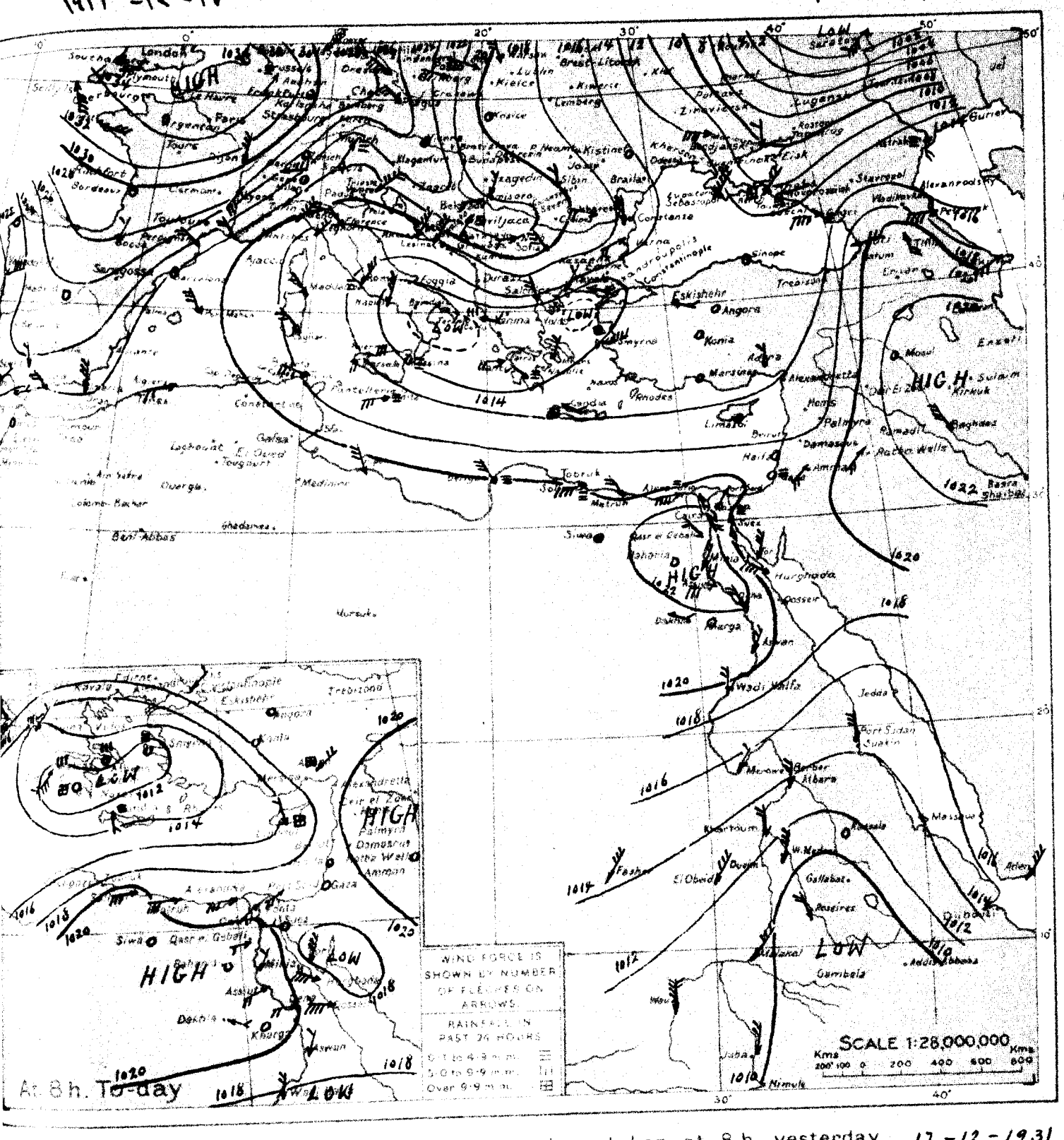
PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -١٢ -١٧ Barometer and Wind at 8 h. Yesterday 17-12-1931



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -١٢ -١٧ From Observations taken at 8 h. yesterday. 17-12-1931

	STATION.	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C.	°C.	°C.	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1015.4	-1.8	0.0	NE	3	1	4	-2	—	12	—	4	—	90	—	trace	—	280	—
	MALTA	1016.8	-3.5	-0.3	W	3	3	13	+1	—	16	0	11	0	80	—	3	146	193	2
	ATHENS	1013.0	—	-4.2	NNE	1	8	9	+7	—	—	—	—	—	80	—	—	—	146	—
	CANDIA									—					—	—				
	LIMASSOL	1016.6	+4.7	-0.9	—	0	1	12	-1		18	0	8	0	—	—	0	20	147	1
EGYPT and SUDAN	Kharga	1021.9	+0.3	—	—	0	3	10.5	-1.7	—	22	—	6	—	80	—	0	0	—	—
	Meteowe	1015.8	-1.0	-0.8	NE	1	0	19.0	+0.5	-0.4	31	+1	14	+1	26	-12	0	0	1	—
	Kassala	1011.4	+0.7	-1.0	—	0	0	22.0	-2.0	-2.0	32	-2	15	-2	25	-34	0	8	11	—
	Ned Medani	1010.7	-1.1	-2.4	N	3	0	22.7	-0.9	+0.2	36	+2	18	+2	41	+1	0	11	13	—
	El Obeid	1013.3	-0.5	-2.1	NNE	3	0	19.5	-3.0	-0.1	31	0	12	0	35	-2	0	9	19	—
	Malakal	1010.7	-0.8	-0.6	NE	3	0	25.7	-0.6	+1.1	36	0	19	+2	30	-1	0	92	93	—
	Juba	1010.6	-2.1	—	N	2	0	25.8	+4.3	—	34	—	18	—	54	—	0	134	137	—

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 46m

" " sunset 16h 58m

From Observations taken at 8h. to-day.

Saturday 19th December, 1931 ١٩٣١ السبت ١٩ ديسمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1022.8	+2.4	+5.0	W	4	1	8.9	+1.7	—	19	—	7	—	59	—	0	33		1
	MATRUH	1022.8	+3.6	+4.3	WNW	2	0	10.4	-1.0	-2.5	20	+1	9	-1	72	-2	0	28	56	2
	ALEXANDRIA	1022.6	+3.0	+3.8	WNW	1	0	14.7	-0.1	+0.5	21	+1	12	0	73	-2	0	17	73	1
	PORT SAID	1022.4	+3.2	+4.9	SSE	2	8	14.0	+1.0	-0.7	19	-1	11	-1	82	+6	0	11	24	1
	GAZA	—	—	—	—	0	0	10.2	-1.1	-3.0	19	-1	7	-2	89	+16	0	130	119	—
	HAIFA	1022.0	+3.6	+5.6	—	0	0	14.7	+0.4	0.0	21	+1	9	-1	62	-5	0	153	224	2
LOWER EGYPT	TANTA	1022.4	+2.9	—	WSW	1	0	10.3	+0.4	—	20	—	8	—	81	—	0	4	—	—
	CAIRO EZBEKIYA	1022.6	+2.7	+3.6	NW	1	1	11.6	0.0	+0.9	19	-1	9	0	74	-7	0	6	8	—
	CAIRO GIZA	1022.8	+2.8	+3.1	—	0	3	10.6	-0.3	—	20	0	7	0	79	—	0	8	7	—
	CAIRO HELWAN	1022.0	+1.3	+3.4	—	0	2	11.0	+0.1	-0.5	18	-2	9	0	75	+7	0	7	7	—
	SIWA	1022.4	+2.0	+2.7	—	0	1	3.1	-1.8	-6.1	19	-1	1	-4	68	-2	0	dr.	3	—
RED SEA	SUEZ	1022.4	+3.3	+3.4	N	2	0	12.0	-0.5	-1.5	20	-1	10	-1	76	+1	0	dr.	12	1
	TOR	1020.2	+3.5	+2.4	NNE	3	0	10.0	-2.6	-4.2	20	-2	7	-3	69	+9	0	0	7	3
	HURGHADA	1020.7	+1.6	—	W	5	1	16.3	-0.6	—	21	—	11	—	70	—	0	0	—	3
	QOSSEIR	1020.3	+1.5	—	WNW	5	1	16.8	-0.9	—	22	—	14	—	50	—	0	0	—	4
UPPER EGYPT	GEBALI	1022.4	+1.8	+3.1	SW	1	0	7.4	-2.6	-2.8	21	0	5	-2	69	-11	0	0	—	—
	MINYA	1023.4	+1.9	—	NNE	1	0	8.2	-0.3	-2.8	18	-2	5	-3	77	-3	—	—	—	—
	ASYUT	1023.2	+1.4	+2.9	W	3	0	9.7	0.0	-1.2	20	-1	7	0	63	-9	0	0	—	—
	QENA	1021.4	+1.2	—	W	1	1	10.8	+1.2	-1.4	23	-1	6	-3	77	+12	—	—	—	—
	KHARGA	1021.9	+1.5	—	—	0	3	11.8	0.0	—	21	—	5	—	66	—	0	0	—	—
	ASWAN	1020.8	+1.0	+2.0	NE	1	0	12.0	0.0	-2.2	23	-2	9	-2	54	+1	—	—	—	—
NORTH SUDAN	WADI HALFA	1019.1	+1.3	0.0	—	0	0	11.6	+0.4	-1.4	23	-2	8	-1	48	-4	—	—	—	—
	MEROWE																			—
	ATBARA																			—
	KHARTOUM	1014.4	+1.0	+0.4	NNW	2	0	21.5	+0.5	+1.7	32	+2	19	+3	44	+7	0	16	5	—
EAST SUDAN	PORT SUDAN	1015.9	+0.9	+0.6	N	2	2	24.7	+0.8	+0.2	29	+1	22	+1	80	+12	0	162	78	2
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1009.9	+0.9	-1.8	NNW	2	0	24.5	-0.5	+1.8	38	+2	20	+4	36	-10	0	67	37	—
SOUTH SUDAN	EL FASHER	1015.0	+0.6	—	NNW	2	0	16.0	+1.5	-0.1	33	+2	9	-1	32	-3	0	0	8	—
	EL OBEID																			—
	MALAKAL	1012.6	+1.0	+1.2	—	0	0	24.2	-1.2	-0.3	36	0	18	+1	41	+11	0	92	93	—
	WAU	1011.4	+1.1	+0.2	N	6	0	24.4	-0.5	-1.3	36	+1	19	+1	54	-5	0	181	146	—
	JUBA			—						—		—		—		—				—

TEMP. F C — 120 110 40 100 90 30 80 70 20 60 50 10 40 30 0 27 -3

PRESS. Mm. Mn — 775 1030 770 1025 765 1020 760 1015 755 1010 750 1005 745 1000 740 995

Upper Wind Observations at Heiwan at h. m. 8 30

Height (metres)	Kms. an hour	Direction
500	35	NNE
1000	30	NE
1500	30	ENE
2000	10	N
3000	20	W

General Situation

Egypt remains an area of high pressure with a shallow trough of low pressure over the eastern Mediterranean. A depression is situated west of Malta.

الحالة العمومية

لا تزال مصر منطقة ضغط مرتفع مع وجود نتوء من الضغط المنخفض على شرق البحر الأبيض المتوسط ويوجد انخفاض آخر في غرب مالطا.

Forecast for 24 hours from noon to-day.

Light to moderate westerly winds, becoming north to northeast tomorrow. Clear or occasional high cloud. Little change in temperature.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح غربية ما بين الخفيفة والمعتدلة تتحول الى الشمال والشمال الشرقي غداً. السماء صحو أو تكثر بها بعض السحب العالية أحياناً ولا تتغير درجة الحرارة الا قليلاً.

STATION	Humidity Mean of Day: Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	67	+2	14.3	+2.0
Ezbekiya	57	-15	10.7	-0.9
Giza	72	-4	11.3	—
Heiwan	44	-16	9.2	-1.1

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
19.12	985	1251
18.12	986	1391

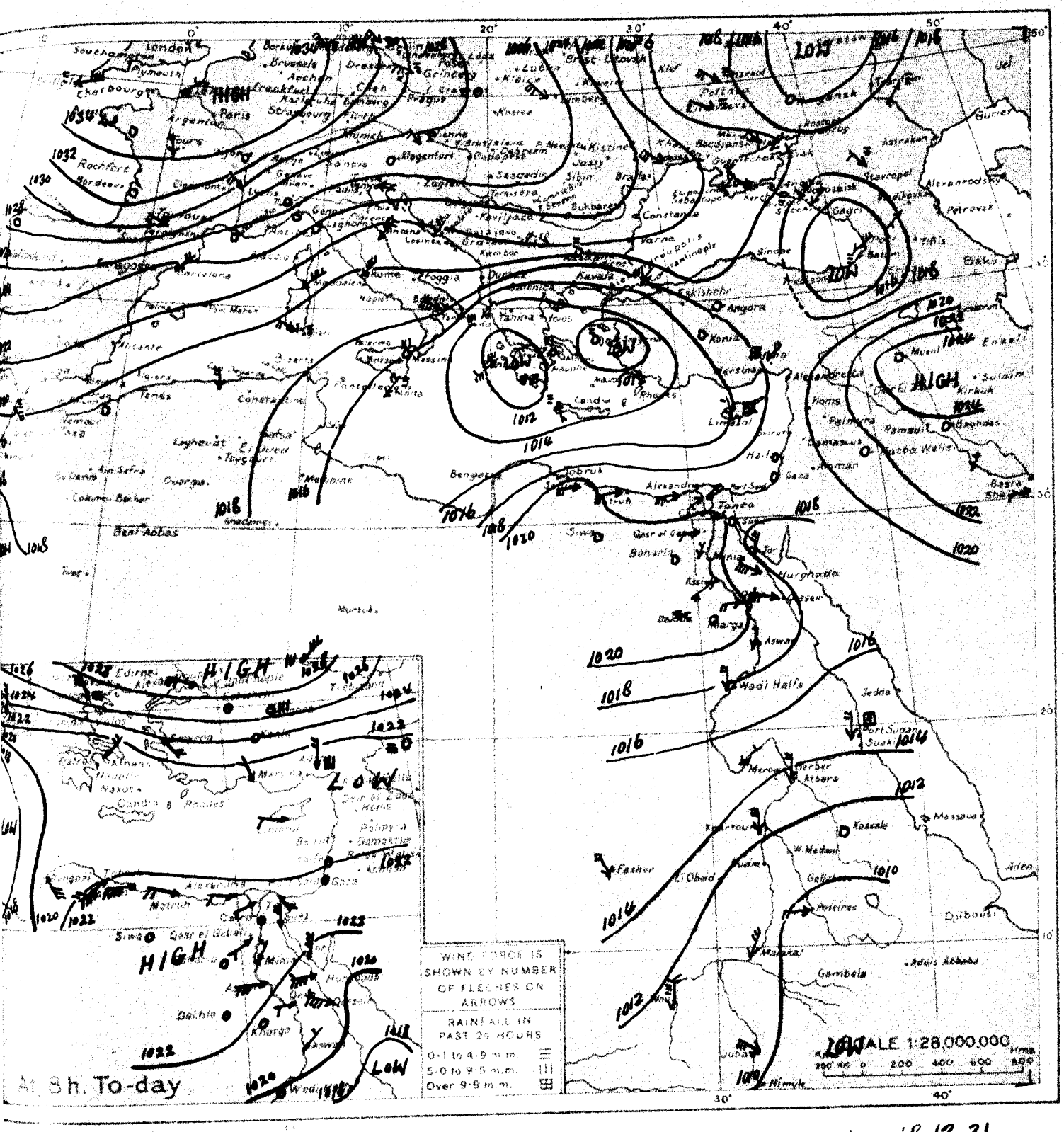
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	18.12	13.70	+0.24	13.72	+0.25
Nasser	17.12	8.44	-0.36	8.59	-0.26
Malakal	18.12	12.04	+0.09	12.06	+0.09
Roseires	19.12	12.76	+0.02	12.79	+0.04
Sennar Res.	18.12	20.70	—	20.71	—
Makwar	18.12	5.31	-1.00	5.34	-1.00
Khartoum	19.12	11.40	-0.29	11.40	-0.31
Kh. el Girba	—			—	
Atbara	18.12	10.80	-0.24	10.84	-0.21
Wadi Halfa	19.12	2.67	-0.34	2.6[illegible]	-0.34
Aswan Res.	19.12	108.33		10[illegible]	
" D.S.	19.12	85.95	-0.7	85.[illegible]	-0.69
El Leithi	19.12	18.25	-0.50	18.[illegible]	-0.40
Roda (Cairo)	19.12	15.88	-0.03	15.[illegible]	-0.03

PRINTED AT THE SURVEY OF EGYPT (Photo-litho) 1930 (30/356)

PHYSICAL DEPARTMENT.

REPORT.

١٨-١٢-٣١ Barometer and Wind at 8 h. Yesterday 18.12.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٨-١٢-٣١ From Observations taken at 8 h. yesterday. 18.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C.	°C.	°C	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1019.9	+4.5	+4.4	NE	3	0	2	-2	—	12	—	-1	—	50	—	—	—	283	—
	MALTA	1014.6	-2.2	-2.6	NE	2	3	13	0	—	16	0	12	+1	70	—	tr.	146	196	2
	ATHENS	1013.3	+0.3	-3.9	—	0	5	6	-3	—	—	—	5	-2	90	—	6	—	148	—
	CANDIA									—					—	—				
	LIMASSOL	1016.0	-0.6	-1.5	NNW	1	1	13	+1		19	+1	9	+1	—	—	15	35	151	3
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC W

DAILY WE

CAIRO to-morrow

Time of sunrise 06 47

" " sunset 16 59

From Observations taken at 8 h. to-day.

Sunday 20th December, 1931 ١٩٣١ الأحد ٢٠ ديسمبر

Station	Barometer Reduced to Sea Level	Change in 24 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in 24 hours	Diff from normal	Max.	Diff from normal	Min.	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall 24 hours	48 hours	72 hours	Sea
[illegible]	1020.6	-2.2	+2.8	S	3	2	9.9	+1.0		18		7		57		0	33	—	2
[illegible]	1021.2	-1.6	+2.7	WSW	2	0	8.2	-2.2	-4.6	19	0	7	-2	75	0	0	28	57	1
Alexandria	1021.8	-0.8	+3.0	—	0	3	13.5	-1.2	-0.6	23	+3	13	+2	93	+18	0	17	75	0
[illegible]	1020.6	-1.8	+3.1	SSE	1	4	15.9	+1.9	+1.3	21	+1	13	+1	84	+8	0	11	25	1
	1020.7	-1.3	+4.3	—	0	0	14.9	+0.2	+0.3	18	-2	10	+1	64	-3	0	153	230	1
	1021.1	-1.3		WNW	1	4	8.9	-1.4		22		6		100		0	4		
[illegible]	1020.7	-1.9	+1.7	NW	1	8	9.7	-1.9	-0.9	21	+1	8	0	86	+5	0	6	8	
	1020.8	-2.0	+1.1	NNW	1	8	7.3	-3.3	—	20	0	5	-2	100	—	0	8	7	
[illegible]	1020.8	-1.2	+2.2	—	0	3	9.2	-1.8	-2.2	20	+1	8	-1	71	+3	0	7	7	
	1020.3	-2.1	+0.6	—	0	2	3.5	+0.4	-5.6	19	-1	1	-4	60	-10	0	dr.	3	
	1019.6	-2.8	+0.6	N	2	4	12.0	0.0	-1.4	21	0	9	-2	83	+8	0	dr.	12	1
	1019.5	-0.7	+1.6	NNE	3	0	10.1	+0.1	-4.0	21	-1	6	-4	73	+13	0	0	8	3
[illegible]	1019.4	-1.3		W	5	0	14.5	-1.8		22		7		63		0	0		3
[illegible]	1019.4	-0.9		WNW	4	0	17.8	+1.0		23		14		53		0	0		3
	1020.7	-1.7	+1.4	NW	1	0	7.4	0.0	-2.6	21	0	6	-1	94	+14	0	0		
	1021.4	-2.0		SSE	1	0	6.7	-1.5	-4.2	19	-1	3	-5	93	+13				
	1021.6	-1.6	+1.3	WSW	2	0	10.6	+0.9	-0.2	22	+1	6	-1	70	-2	0	0		
	1021.0	-0.4		WNW	1	1	9.9	-0.9	-2.1	24	0	6	-2	57	-8				
	1020.7	-1.2		—	0	0	10.0	-1.8		21		5		74		0	0		
	1020.0	-0.8	+1.2	NNE	1	0	13.3	+1.3	-0.8	24	-1	10	-1	52	-1				
	1018.6	-0.5	-0.5	—	0	0	12.0	+0.4	-0.9	26	+1	8	-1	47	-5				
	1013.5	-0.1	-1.3	NE	2	0	24.0	0.0	+3.0	32	+1	17	+2	53	+15	0	0	1	
	1015.6	+1.2	+1.6	N	1	0	21.8	+0.3	+2.0	33	+3	18	+2	49	+12	0	16	5	
	1015.8	-0.1	+0.5	N	1	4	23.3	-1.4	-1.2	28	0	22	+1	81	+13	0	162	79	1
	1010.4	+0.5	-1.3	NW	1	0	24.5	0.0	+1.9	37	+1	17	+1	36	-9	0	67	37	
	1012.7	+0.1	+1.3	NNW	3	0	26.0	+1.8	+1.5	36	0	19	+2	35	+5	0	92	93	
	1011.4	0.0	+0.2	N	5	0	24.9	+0.5	-0.8	38	+3	19	+1	45	-13	0	181	146	
	1012.6	+0.4		NW	3	1	25.3	+1.7		38		18		50		0	134	138	

Barometric Gradient

8 45 The anticyclone over Egypt is slowly weakening. The Mediterranean depression is approaching and is now centred between Malta and Greece.

نطقة الضغط المرتفع على مصر آخذة فى الاضمحلال بالنسبة لاقتراب انخفاضه البحر الابيض المتوسط الذى يقع الآن ما بين مالطا واليونان .

Wind at 14 hours from noon to-day.

20 ENE
10 NNE
10 NNW
25 W
45 WSW

Forecast for 24 hours from noon to-day.

Winds, inland light variable becoming southerly; on the coast moderate southerly winds, freshening tomorrow. Some high cloud. Normal temperature. Further outlook: Becoming cool and unsettled.

رياح خفيفة فى الداخل تتحول الى جنوبية فى الداخل ورياح معتدلة جنوبية على الساحل تشتد غداً . تظهر بعض السحب العالى ودرجة الحرارة عادية واذا نظرنا بعيداً فان الطقس سيصير بارداً وغير ثابت .

Station	Humidity Mean of Day Yester-day	Diff from normal	Temperature Mean of Day Yester-day	Diff from normal
	%	%	°C	°C
Alexandria	68	+3	13.6	+1.4
Ezbekiya	71	-1	11.8	+0.3
Giza	77	+1	11.6	—
Helwan	56	-4	10.5	+0.3

NOTE. A dash means that figures are not available

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Remarks

X-Makwar River Gauge Reading for 7.12.31 published on December 8 & 9, 1931 should read 5.49 instead of 5.45 m.

ملاحظة : صحة قراءة النهر بمقياس مكوار يوم ٧-١٢-٣١ المنشورة بتقريري يومى ٨ و ٩ ديسمبر ١٩٣١ هى ٥,٤٩ بدلاً من ٥,٤٥ متراً .

Discharges at Aswan measured by sluices m³ per sec.

DATE	1931	1930
20.12	985	1125
19.12	985	1251

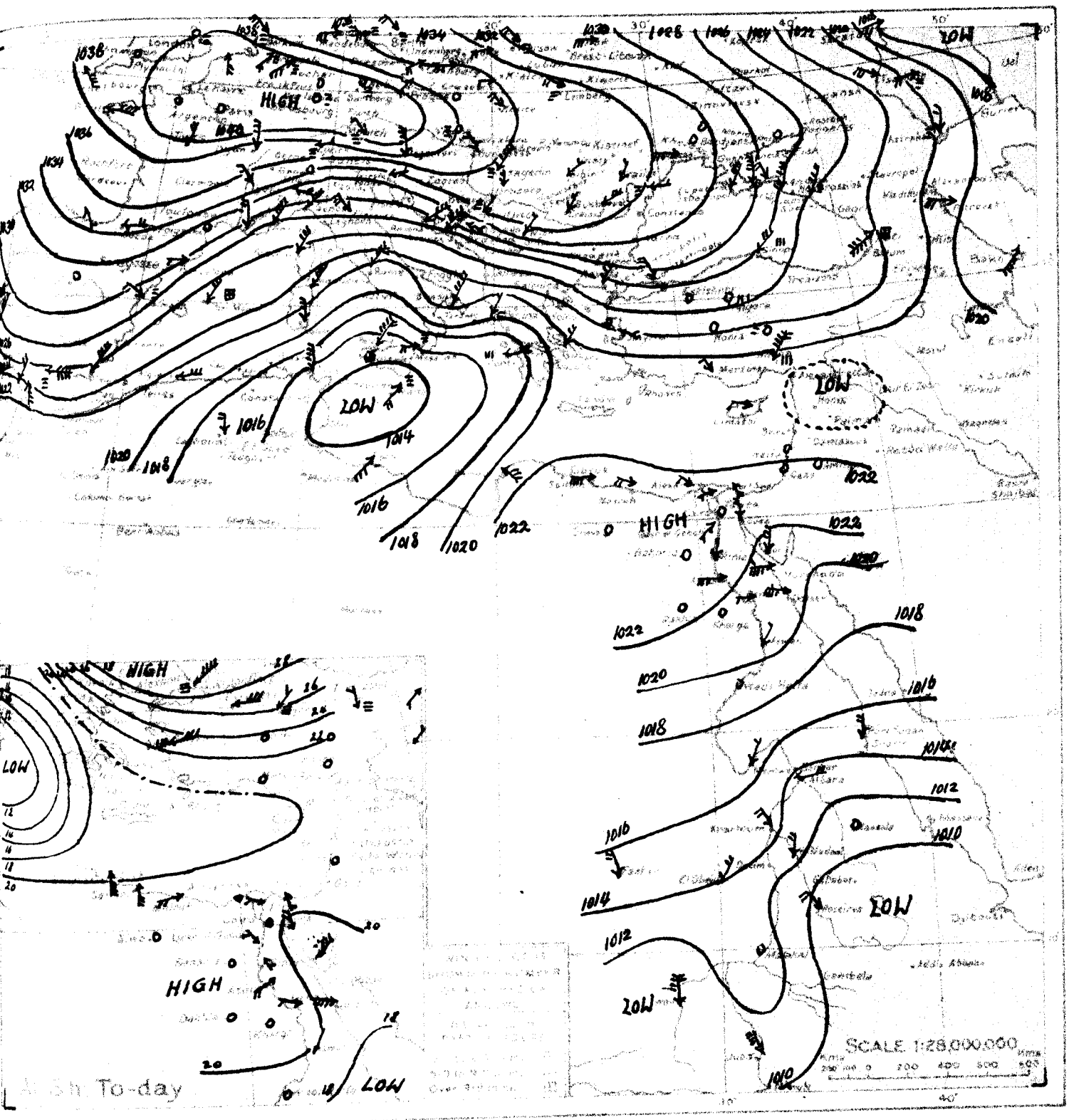
Gauge	Date 1931	Reading m.	Diff from normal m.	Fresh to date Reading m.	Diff m.
Juba	19.12	13.69	+0.23	13.70	+0.24
Nasser	17.12	8.44	-0.36	8.59	-0.26
Malakal	19.12	12.00	+0.07	12.04	+0.09
Roseires	20.12	12.71	+0.01	12.75	+0.02
Sennar Res.	19.12	20.70	—	20.70	—
X Makwar	19.12	5.34	-0.95	5.31	-1.00
Khartoum	20.12	11.40	-0.27	11.40	-0.29
Kh. el Girba					
Atbara	19.12	10.80	-0.22	10.80	-0.24
Wadi Halfa	20.12	2.67	-0.33	2.67	-0.34
Aswan Res.	20.12	108.33	—	108.33	—
" D.S.	20.12	85.94	-0.64	85.95	-0.67
El Leithi	20.12	18.20	-0.52	18.25	-0.50
Roda (Cairo)	20.12	15.77	-0.05	15.88	-0.03

PRINTED AT THE SURVEY OF EGYPT 1930(30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٣١-١٢-١٩ Barometer and Wind at 8 h. Yesterday 19.12.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

Upper Wind Khartoum

20.12.31

HT. (metres)	VEL. K.P.H.	DIR.
500	25	N
1000	35	NE
1500	20	NNE
2000	5	ENE
3000	25	N
4000	20	N
5000	20	SSE

.٣١-١٢-١٩ From Observations taken at 8 h. yesterday 19.12.31.

	STATION	Barometer: Reduced to Sea level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1020.2	+0.3	+4.7	NE	6	1	0	-2	—	7	—	-1	—	50	—	—	—	286	—
	MALTA	1012.9	-1.7	-4.3	SSW	2	4	13	0	—	15	-1	11	0	60	—	dr.	146	199	2
	ATHENS	1021.6	+8.3	+4.2	NE	2	4	7	+1	—	—	—	—	—	70	—	—	—	150	—
	CANDIA									—					—	—				
	LIMASSOL	1020.2	+4.2	+2.7	WNW	1	2	13	0		21	+3	10	+2	—	—	0	35	155	0
EGYPT and SUDAN	Merowe مروى	1016.0	+0.5	-0.7	NE	1	0	20.5	+1.5	+1.3	32	+2	15	+2	37	-1	0	0	1	—
	Atbara عطبره	1013.6	+0.2	-1.2	E	2	0	24.0	+1.5	+2.9	30	-1	17	+2	50	+12	0	0	1	—
	Kassala كسلا	1011.4	+0.6	-1.0	—	0	0	24.0	+0.5	+0.1	35	+1	21	+4	26	-34	0	8	11	—
	Wad Medani ود مدنى	1012.0	+2.0	-1.2	N	2	0	23.5	+0.3	+1.2	36	+2	18	+2	43	+3	0	11	13	—
	El Obeid الابيض	1013.4	0.0	-2.1	NE	2	0	22.7	+2.2	+3.3	31	0	14	+2	41	+4	0	9	19	—
	Juba جوبا	1012.2	+1.2	—	NW	4	1	23.6	-0.4	—	37	—	16	—	44	—	0	134	137	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 47

" " sunset 16 59

From Observations taken at 8 h. to-day.

Monday 21st December, 1931 ١٩٣١ الاثنين ٢١ ديسمبر

STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in last 24 hours	Temperature Diff from normal	Max	Diff from normal	Min	Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Yesterday	Rainfall Last 24 hours	Rainfall Since 1st Oct.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
Alexandria	1021.4	+0.8	+3.6	SW	3	1	10.9	+1.0		21		10		68		0	33	—	—
Aswan	1021.5	+0.3	+2.9	SSW	1	0	15.2	+7.0	+2.5	20	+1	7	-2	76	+1	0	28	58	1
Asyut	1022.3	+0.5	+3.5	SSE	1	3	15.4	+1.9	+1.4	23	+3	13	+2	76	+1	0	17	77	1
Cairo	1021.4	+0.8	+3.9	ENE	3	3	17.6	+1.7	+3.1	21	+1	15	+3	72	-4	0	11	26	2
Dakhla	—	—	—	—	0	0	10.4	-1.5	-2.5	19	-1	7	-2	85	+12	0	130	128	
Farafra	1020.2	-0.5	+3.8	—	0	0	14.8	-0.1	+0.4	19	0	11	+2	76	+9	0	153	237	2
Helwan	1021.9	+0.8		N	1	4	11.3	+2.4		23		8		93		0	4		
Kharga	1021.6	+0.9	+2.6	—	0	3	9.7	0.0	-0.8	20	0	8	0	91	+10	dr.	6	9	
Luxor	1021.8	+1.0	+2.1	NNW	1	8	8.0	+0.7	—	20	0	6	-1	100	—	0	8	7	
Minya	1021.2	+0.4	+2.6	NE	2	4	12.6	+3.4	+1.3	20	+1	11	+2	75	+7	0	7	7	
Port Said	1019.9	-0.4	+0.2	—	0	1	5.3	+1.8	-3.7	21	+1	2	-3	68	-2	0	dr.	3	
Tanta	1020.8	+1.2	+1.8	N	2	4	12.5	+0.5	-0.9	21	0	10	-1	83	+8	0	dr.	13	1
Zagazig	1018.8	-0.7	+0.9	NNE	1	0	13.6	+3.5	-0.4	22	0	7	-3	50	-10	0	0	8	2
Port Said	1019.4	0.0		W	5	0	16.3	+1.8		22		11		74		0	0		3
Ismailia	1018.6	-0.8		NW	5	0	18.2	+0.4		23		15		49		0	0		3
Suez	1021.1	+0.4	+1.8	NW	1	0	11.0	+3.6	+1.1	20	0	7	0	87	+7	0	0		
El Arish	1021.0	-0.4		NNW	1	0	7.0	+0.3	-3.8	20	0	3	-5	78	-2				
Tor	1021.6	0.0	+1.2	W	2	0	9.7	-0.9	-1.0	22	+2	6	-1	73	+1	0	0		
Kosseir	1020.3	-0.7		WNW	2	0	11.7	+1.8	-0.2	25	+1	8	0	69	+4				
Abu Zenima	1020.4	-0.3		—	0	0	10.3	+0.3		24		—	—	73	—	0	0		
Wadi Halfa	1019.4	-0.6	+0.5	N	1	0	13.4	+0.1	-0.6	26	+1	10	-1	52	-1				
Khartoum	1018.2	-0.4	-0.9	—	0	0	13.0	+1.0	+0.2	27	+2	9	0	45	-7				
Kassala	1016.0	+1.2	-0.7	NE	1	0	21.0	+0.5	+2.1	35	+5	16	+3	34	-4	0	0	1	
Port Sudan	1013.4	-0.1	-1.4	NNE	3	0	23.0	-1.0	+2.1	31	0	18	+3	56	+18	0	0	1	
Suakin	1015.0	-0.6	+0.9	N	3	0	22.1	+0.3	+2.4	34	+4	18	+2	48	+11	0	16	5	
Wadi Gemal	1009.8	-0.6	-1.9	NW	2	0	23.5	-1.0	+0.9	37	+1	16	0	42	-3	0	67	37	
Kamil	1015.4	+0.8		NW	2	0	17.5	-0.5	+1.6	33	+2	11	+1	40	+5	0	0	8	
Port Tewfik	1011.2	-1.5	-0.2	NNE	4	0	26.1	+0.1	+1.7	37	+1	19	+2	33	+3	0	92	93	
Zeila	1010.2	-1.2	-1.0	N	6	0	24.2	-0.7	-1.5	38	+2	18	0	34	-23	0	181	146	

General Situation

8 30 The depression is situated over the eastern Mediterranean but has become much shallower. Pressure over Egypt is maintained.

يقع الانخفاض على شرق البحر الابيض المتوسط وقد اضمحل كثيراً ولا يزال الضغط على مصر محافظا لكيانه .

Winds

40 ENE
40 NE
35 NNE
40 N

Forecast for 24 hours from noon to-day.

On the coast moderate southerly winds; inland light to moderate winds chiefly north to northeast. Some high cloud. Little change in temperature.

رياح معتدلة جنوبية على الساحل ورياح ما بين الخفيفة والمعتدلة غالبا شمالية وشمالية شرقية في الداخل . يظهر بعض السحاب العالي ولا تتغير درجة الحرارة الا قليلا .

STATION	Humidity Mean of Day Yesterday	Humidity Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Diff from normal
	%	%	°C	°C
Alexandria	83	+18	14.9	+2.8
Ezbekiya	77	+5	11.2	-0.2
Giza	90	+14	10.8	—
Helwan	53	-7	10.6	+0.5

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

X Roda Difference from Normal for 19.12.31 published on December 19 & 20, 1931 should read +0.03 instead of -0.03 m.

ملاحظة : صحة فرق قراءة الروضة عن المعدل ليوم ١٩-١٢-٣١ المذكور بتقريري يومي ١٩ و ٢٠ ديسمبر ١٩٣١ هي +٠٫٠٣ بدلاً من -٠٫٠٣ متراً .

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
20.12	985	1125
19.12	985	1251

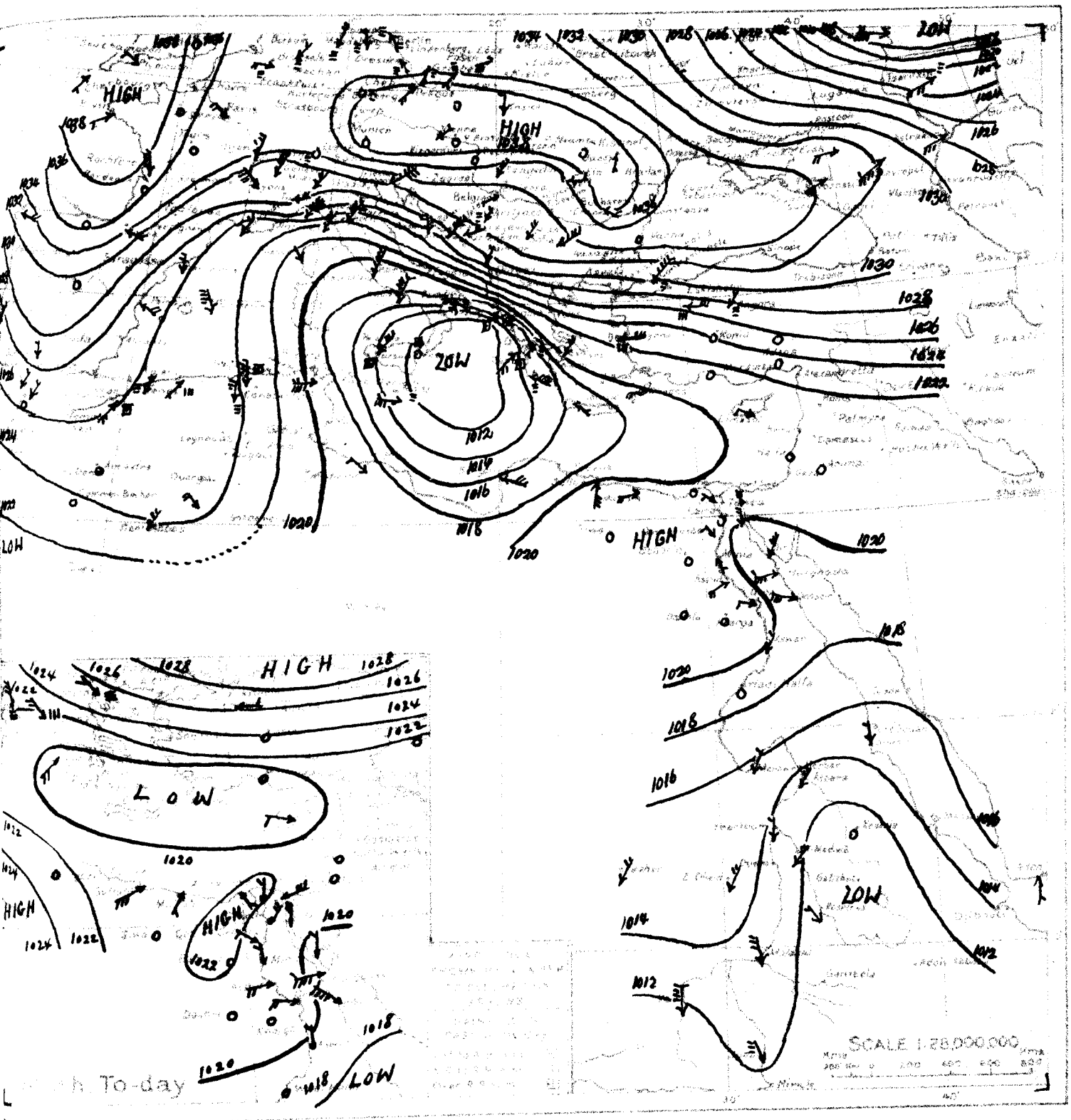
GAUGE	Date	Reading	Diff from normal	Previous Reading	Diff
	1931	m.	m.	m.	m.
Juba	20.12	13.70	+0.25	13.69	+0.23
Nasser	19.12	8.09	-0.53	8.28	-0.44
Malakal	20.12	11.97	+0.06	12.00	+0.07
Roseires	21.12	12.69	+0.04	12.71	+0.01
Sennar Res.	20.12	20.70	—	20.70	—
Makwar	20.12	5.31	-0.94	5.34	-0.95
Khartoum	21.12	11.38	-0.26	11.40	-0.27
Kh. el Girba					
Atbara	—	—	—	—	—
Wadi Halfa	20.12	10.80	-0.20	10.80	-0.22
Aswan Res.	21.12	2.69	-0.29	2.67	-0.33
" D.S.	20.12	108.63	—	108.33	—
El Leithi	20.12	85.94	-0.64	85.95	-0.67
Roda (Cairo)	21.12	16.15	-0.55	16.20	-0.52
	21.12	15.77	+0.09	15.77	-0.05

PRINTED AT THE SURVEY OF EGYPT 1929(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢١-١٢-٢٠ Barometer and Wind at 8 h. Yesterday 20.12.31.



h. To-day

WIND VELOCITY

	Km.	Force
Calm	0-1	0
Almost calm	2-8	1
Very light	9-13	2
Light	14-19	3
Moderate	20-24	4
Fresh	25-30	5
Strong	31-40	6
Very strong	41-50	7
High	51-60	8
Strong gale	61-70	9
Whole gale	71-80	10
Storm	81-90	11
Hurricane	over 90	12

STATE OF SKY

Clear	0
1 Tenth	1
2 Tenths	2
3 "	3
4 "	4
Half covered	5
6 Tenths	6
7 "	7
8 "	8
Overcast	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
High	5
Very high	6
Mountainous	7
Phenomenal	8
Confused	9

Upper Wind
Khartoum
21.12.31

HT. metre	VEL. K.P.H	DIR
500	35	N
1000	50	NE
1500	35	NNE
2000	20	NNE
3000	20	ENE
4000	15	NE
5000	25	SSE

٢١-١٢-٢٠ From Observations taken at 8 h yesterday 20.12.31

	STATION	Barometer Mean Sea Level	Diff. from normal	Diff. from yesterday	Wind Dir.	Wind Force	Sky	Temperature Air at 8 h.	Diff. from yesterday	Diff. from normal	Max.	Diff. from normal	Min.	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Past 24 hours	Total since 1st Jan.	Total since 1st Jan. last year	Total since 1st Jan. normal
		mb.	mb.	mb.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1018.2	-2.0	+2.6	NE	5	3	-1	-1	—	5	—	-2	—	50	—	—	—	289	—
	MALTA	1013.8	+0.9	-3.4	W	5	2	9	-4	—	15	-1	8	-3	50	—	tr.	146	202	2
	ATHENS	1020.3	-1.3	+2.9	NE	2	4	8	+1	—	—	—	—	—	70	—	—	—	152	
	CANDIA														—	—				
	LIMASSOL	1020.6	+0.4	+3.1	WNW	1	2	12	-1		21	+3	9	+1	—	—	0	35	158	0
EGYPT and SUDAN	Merawe مروى	1014.8	-1.2	-1.9	NE	1	0	20.5	0.0	+1.5	34	+4	16	+3	37	-1	0	0	1	—
	Kassala كسلا	1010.7	-0.7	-1.8	—	0	0	24.5	+0.5	+0.7	35	+1	19	+2	57	-3	0	8	11	—
	Wad Medani ود مدني	1012.6	+0.6	-0.6	NE	2	0	24.0	+0.5	+1.8	37	+3	19	+3	34	-6	0	11	13	—
	El Fasher الفاشر	1014.6	-0.4	—	NE	2	0	18.0	+2.0	+2.0	33	+2	10	0	32	-3	0	0	8	—
	El Obeid الابيض	1014.4	+1.0	-1.2	NE	2	0	21.0	-1.7	+1.7	32	+1	13	+1	49	+12	0	9	13	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06h 48m

" " sunset 17h 00m

From Observations taken at 8h. to-day.

Tuesday 22nd December, 1931 — الثلاثاء ٢٢ ديسمبر ١٩٣١

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		mb	mb	mb				°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1024.7	+3.3	+2.9	NNW	3	2	10.8	-0.1	—	19	—	10	—	73	—	0	33	—	—
	MATRUH	1023.5	+2.0	+4.9	NNE	3	2	17.2	+2.0	+4.7	22	+3	10	+1	68	-7	0	28	59	3
	ALEXANDRIA	1023.0	+0.7	+4.2	S	2	2	14.8	-0.6	+0.8	24	+5	15	+4	81	+6	0	17	79	1
	PORT SAID	1023.0	+1.6	+5.5	SSE	2	8	14.1	-3.5	-0.3	20	0	12	0	91	+15	0	11	26	1
	GAZA	—	—	—	—	0	0	11.1	+0.7	-1.7	20	0	7	-2	82	+9	0	130	132	—
	HAIFA	1021.9	+1.7	+5.5	—	0	0	14.7	-0.1	+0.4	22	+3	9	0	68	+1	0	153	244	2
LOWER EGYPT	TANTA	1022.7	+0.8	—	N	1	4	11.8	+0.5	—	22	—	9	—	96	—	0	4	—	—
	CAIRO: EZBEKIYA	1023.0	+1.4	+4.0	NE	1	0	10.8	+1.1	+0.4	22	+2	8	0	79	-2	0	6	9	—
	CAIRO: GIZA	1022.8	+1.0	+3.0	NNW	1	0	8.8	+0.8	—	22	+2	6	-1	99	—	0	8	7	—
	CAIRO: HELWAN	1021.9	+0.7	+3.3	NE	3	0	14.0	+1.4	+2.8	21	+2	9	0	59	-9	0	7	7	—
	SIWA	1021.1	+1.2	+1.4	—	0	4	8.8	+3.5	-0.1	[illegible]	+2	2	-3	62	-8	0	drops	5	—
RED SEA	SUEZ	1021.8	+1.0	+2.8	N	3	0	13.0	+0.5	-0.3	22	+1	10	-1	77	+2	0	drops	13	2
	TOR	1019.8	+1.0	+1.9	NNE	3	0	11.5	-2.1	-2.4	23	+1	7	-2	55	-4	0	0	8	3
	HURGHADA	1020.2	+0.8	—	NW	5	0	14.2	-2.1	—	22	—	8	—	52	—	0	0	—	3
	QOSSEIR	1019.6	+1.0	—	NW	5	0	20.0	+1.8	—	23	—	15	—	40	—	0	0	—	4
UPPER EGYPT	GEBALI	1021.2	+0.1	+1.9	N	1	0	11.7	+0.7	+1.9	22	+2	8	+2	79	-1	0	0	—	—
	MINYA	1021.9	+0.9	—	SE	1	0	10.0	+3.0	-0.8	19	-1	5	-3	80	0	—	—	—	—
	ASYUT	1022.3	+0.7	+1.9	W	2	0	9.6	-0.1	-1.0	21	+1	8	+1	86	+6	0	0	—	—
	QENA	1021.0	+0.7	—	NW	1	0	10.1	-1.6	-1.8	25	+1	7	-1	62	-3	—	—	—	—
	KHARGA	1020.4	0.0	—	—	0	0	10.0	-0.3	—	24	—	6	—	74	—	0	0	—	—
	ASWAN	1020.3	+0.9	+1.4	NW	1	0	12.0	-1.4	-1.9	26	+1	9	-2	54	+1	—	—	—	—
NORTH SUDAN	WADI HALFA	1017.6	-0.6	-1.5	—	0	0	11.6	-1.4	-1.1	26	+1	9	+1	34	-18	—	—	—	—
	MEROWE																			—
	ATBARA	1013.4	0.0	-1.4	NE	2	0	24.5	+1.5	+3.7	30	-1	17	+2	43	+5	0	0	1	—
	KHARTOUM	1013.9	-1.1	-0.2	N	2	0	21.3	-0.8	+1.7	32	+2	17	+2	38	+1	0	16	5	—
CENTRAL SUDAN	PORT SUDAN	1015.8	—	+0.4	N	2	3	23.4	—	-1.0	29	+1	22	+1	83	+15	1	163	81	2
	KASSALA	1010.8	-1.1	-1.7	—	0	0	24.5	+2.0	+0.9	34	0	20	+4	53	-7	0	8	11	—
	WAD MEDANI																			—
	ROSEIRES	1009.4	-0.4	-2.4	NW	1	0	23.0	-0.5	+0.5	37	+1	13	-3	38	-7	0	67	37	—
SOUTH SUDAN	EL FASHER	1012.7	-2.7	—	W	2	0	14.3	-3.2	-1.5	35	+4	10	0	45	+10	0	0	8	—
	EL OBEID																			—
	MALAKAL	1011.0	-0.2	-0.4	NE	3	0	24.5	-1.6	+0.1	36	0	20	+3	36	+6	0	92	93	—
	WAU																			—
	JUBA			—						—	—		—		—					—

TEMP. F C — PRESS. Mm. Mb

Upper Wind Observations at Helwan at h. m. 8 45

Height (Metres)	Kms an hour	Direction
500	5	E
1000	10	SW
1500	10	WSW
2000	25	WNW
3000	65	WNW

General Situation

The high pressure over Egypt is maintained. The eastern Mediterranean remains an area of shallow low pressure.

الحالة العمومية

لا يزال الارتفاع الذى فوق مصر راسخا
ولا يزال شرقى البحر الابيض منطقة ضغط منخفض نوعا

Forecast for 24 hours from noon to-day.

On the coast moderate southwest winds veering later to west and northwest. Inland moderate northerly winds. Occasional medium cloud. Somewhat cooler tomorrow.

التوقعات للمدة الحصول عليها فى الطقس من ظهر اليوم الى ظهر الغد

رياح معتدلة جنوبية غربية تتحول فيما بعد الى غربية وشمالية غربية على الساحل ورياح معتدلة شمالية فى الداخل يظهر بعض السحاب المتوسط الارتفاع احيانا وتنخفض درجة الحرارة قليلا عن

STATION	Humidity Mean of Day: Yester day	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb: Diff from normal
	%	%	°C	°C
Alexandria	75	+10	15.3	+3.3
Ezbekiya	77	+5	12.0	+0.7
Gizr	80	+4	11.7	—
Helwan	61	+1	11.9	+1.9

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, PT 100 annually

" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
21-12	984	1128
20-12	985	1125

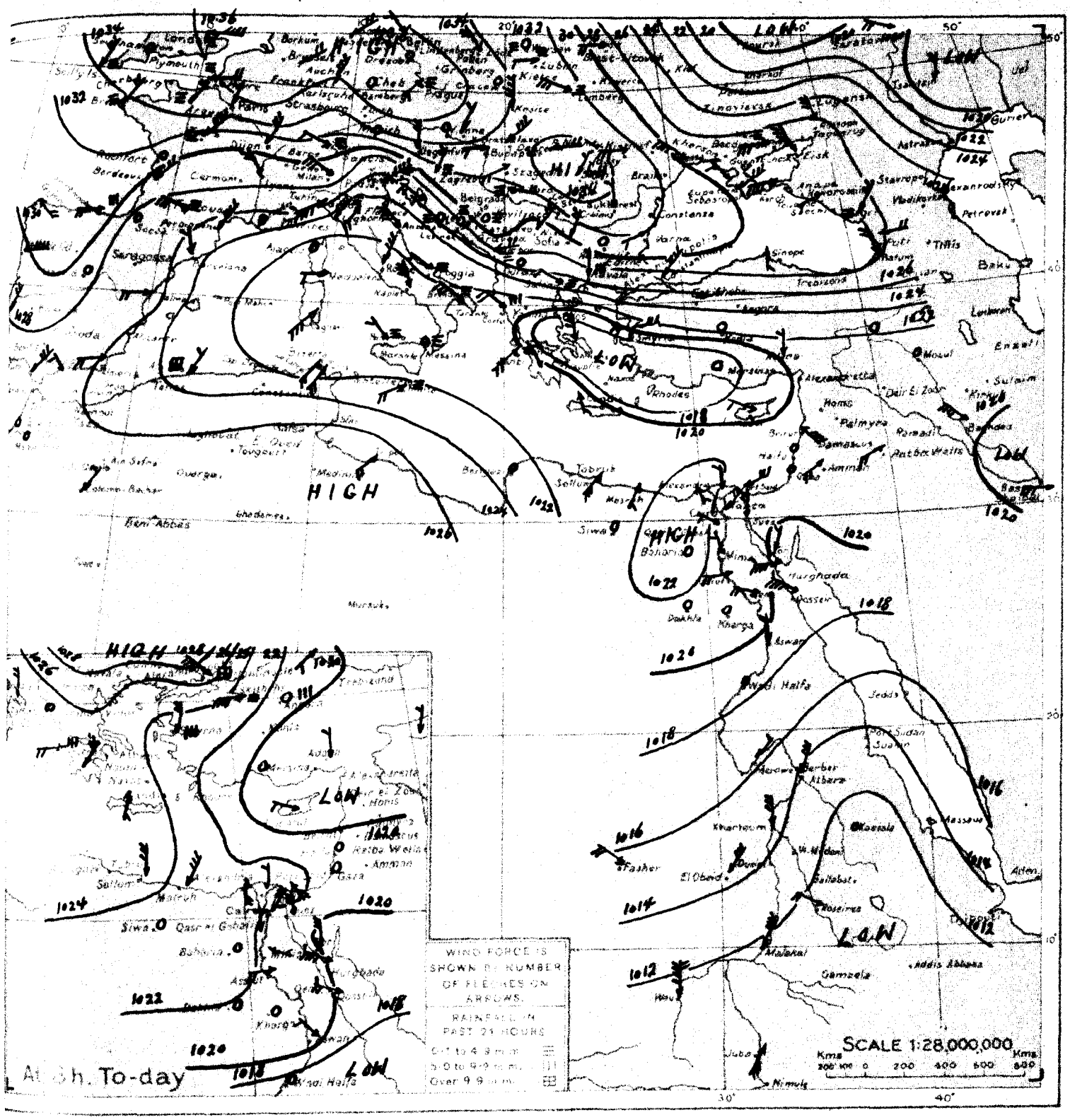
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	21-12	13.69	+0.24	13.70	+0.25
Nasser	21-12	7.75	-0.72	7.93	-0.61
Malakal	21-12	11.96	+0.07	11.97	+0.06
Roseires	22-12	12.66	+0.03	12.69	+0.04
Sennar Res.	21-12	20.70	—	20.70	—
Makwar	21-12	5.26	-0.97	5.31	-0.94
Khartoum	21-12	11.38	-0.26	11.40	-0.27
Kh. el Girba					
Atbara	21-12	10.78	-0.22	10.80	-0.20
Wadi Halfa	21-12	2.69	-0.29	2.67	-0.33
Aswan Res.	21-12	108.90	—	108.13	—
" D.S.	21-12	85.94	-0.60	85.94	-0.64
El Leithi	22-12	18.67	-0.61	18.75	-0.55
Roda (Cairo)	22-12	15.52	-0.03	15.77	+0.07

PRINTED AT THE SURVEY OF EGYPT 1930 (50/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -١٢ -٢١ Barometer and Wind at 8 h. Yesterday 21-12-1931



WIND VELOCITY.

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -١٢ -٢١ From Observations taken at 8 h. yesterday. 21-12-1931

	STATION.	BAROMETER Reduced to Sea Level	BAROMETER Change in last 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.9	+3.7	+6.3	NE	3	4	0	+1	—	4	—	-1	—	80	—	—	—	292	—
	MALTA	1022.1	+8.3	+4.9	WSW	2	2	8	-1	—	11	-5	7	-4	60	—	2	148	204	2
	ATHENS	—	—	—	N	3	4	8	0	—	—	—	7	0	70	—	3	—	154	—
	CANDIA									—	—				—	—				
	LIMASSOL	1019.9	-0.7	+2.4	WNW	1	1	12	0		19	+1	8	0	—	—	0	35	162	2
EGYPT and SUDAN	Massaua	1011.9	+1.2	-0.6	—	0	0	22.5	-2.0	-1.2	35	+1	19	+2	66	+6	0	8	11	—
	Wad Medani	1012.6	0.0	-0.6	—	3	0	23.5	-0.5	+1.3	36	+2	18	+2	50	+10	0	11	13	—
	El Obeid	1014.2	-0.2	-1.4	NE	3	0	25.0	+4.0	+5.9	33	+2	14	+2	34	-3	0	9	19	—
	Juba	1010.8	-1.8	—	SSW	3	0	24.8	-0.5	—	36	—	18	—	49	—	0	134	138	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 h 48 m

" " sunset 17 h 00 m

From Observations taken at 8 h. to-day.

Wednesday 23rd December, 1931 ١٩٣١ الاربعاء ٢٣ ديسمبر

	STATION	BAROMETER Reduced to Sea Level	Change in past 24 hours	Diff. from normal	WIND Direction	Force	SKY	TEMPERATURE At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Yesterday	Diff. from normal	Minimum	Diff. from normal	HUMIDITY At 8 h.	Diff. from normal	RAINFALL Past 24 hours	Total from Oct. 1 to yesterday	Normal from Oct. 1 to yesterday	SEA
		mb	mb	mb				°C	°C	°C	°C		°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	SOLLUM	1027.6	+2.9	+7.7	NW	3	3	9.9	-0.9	—	17	—	9	—	73	—	0	33	—	—
	MATRUH	1026.2	+2.7	+7.6	NE	3	8	16.0	-1.2	+3.6	18	-1	13	+4	77	+1	tr.	28	60	3
	ALEXANDRIA	1026.0	+3.0	+7.1	ENE	5	2	15.9	+1.1	+2.0	22	+3	14	+3	72	-3	0	17	81	3
	PORT SAID	1024.7	+1.7	+7.2	NW	3	4	16.9	+2.8	+2.5	20	+1	14	+3	62	-14	0	11	27	2
	GAZA	—	—	—	—	0	3	13.9	+2.8	+1.2	19	-1	7	-2	80	+6	0	130	136	—
	HAIFA	1020.8	-1.1	+4.4	SSW	1	3	17.1	+2.4	+2.9	23	+4	13	+4	63	-3	0	153	250	2
LOWER EGYPT	TANTA	1025.9	+3.2	—	WNW	1	4	12.0	+0.2	—	22	—	10	—	93	—	0	4	—	—
	CAIRO EZBEKIYA	1025.4	+2.4	+6.4	N	1	8	12.4	+1.6	+2.0	24	+4	10	+2	78	-3	0	6	9	—
	CAIRO GIZA	1025.1	+2.3	+5.3	NNW	1	8	11.1	+2.3	—	22	+2	8	+1	100	—	0	8	8	—
	CAIRO HELWAN	1025.2	+3.3	+6.6	NNE	3	2	14.7	+0.7	+3.5	23	+4	13	+4	70	+2	0	7	8	—
	SIWA	1023.8	+2.7	+4.1	ENE	1	4	14.1	+5.3	+5.2	19	-1	4	-1	57	-13	dr.	dr.	3	—
RED SEA	SUEZ	1024.2	+2.4	+5.2	N	2	4	13.0	0.0	-0.3	22	+1	10	-1	89	+14	0	dr.	13	1
	TOR	1022.0	+2.2	+4.0	NE	2	1	15.2	+3.7	+1.5	23	+1	11	+2	50	-9	0	0	8	2
	HURGHADA	1021.9	+1.7	—	NW	6	1	17.3	+3.1	—	24	—	12	—	64	—	0	0	—	4
	QOSSEIR	1021.4	+1.8	—	WNW	5	0	20.2	+0.2	—	25	—	17	—	39	—	0	0	—	4
UPPER EGYPT	GEBALI	1025.2	+4.0	+5.8	N	1	0	13.4	+1.7	+3.6	23	+3	11	+5	87	+7	0	0	—	—
	MINYA	1026.2	+4.3	—	NNW	3	3	13.0	+3.0	+2.3	22	+2	5	-2	89	+9	—	—	—	—
	ASYUT	1024.8	+2.5	+4.4	W	3	0	10.9	+1.3	+0.4	22	+2	9	+2	89	+17	0	0	—	—
	QENA	1022.7	+1.7	—	NW	2	0	14.0	+3.9	+2.2	26	+3	10	+2	64	-1	—	—	—	—
	KHARGA	1022.8	+2.4	—	—	0	0	15.8	+5.8	—	26	—	10	—	58	—	0	0	—	—
	ASSUAN	1021.4	+1.1	+2.5	—	0	0	14.0	+2.0	+0.2	27	+3	11	0	44	-9	—	—	—	—
NORTH SUDAN	WADI HALFA	1018.7	+1.1	-0.4	—	0	0	12.6	+1.0	0.0	27	+3	7	-1	32	-20	—	—	—	—
	MEROWE	1016.6	+1.0	-0.2	NE	1	0	20.5	+1.5	+1.8	34	+4	15	+2	37	-1	0	0	1	—
	ATBARA	1013.5	+0.1	-1.4	NE	3	0	23.0	-1.5	+2.3	31	0	18	+4	56	+18	0	0	1	—
	KHARTOUM	1015.1	+1.2	+0.9	NNE	3	0	21.1	-0.2	+1.6	32	+2	18	+3	40	+3	0	16	5	—
EAST SUDAN	PORT SUDAN	1017.2	+1.4	+1.8	N	1	4	23.1	-0.3	-1.2	29	+1	21	0	75	+7	1	167	82	1
	KASSALA	1011.0	+0.2	-1.6	—	0	0	24.0	-0.5	+0.5	37	+3	19	+3	57	-3	0	8	11	—
	WAD MEDANI																			—
	ROSEIRES	1009.9	+0.5	-1.9	NW	1	0	24.0	+1.0	+1.5	[illegible]	—	18	+2	39	-6	0	67	37	—
SOUTH SUDAN	EL FASHER	1014.4	+1.7	—	WNW	2	0	14.0	-0.3	-1.7	33	+2	7	-3	28	-7	0	0	8	—
	EL OBEID	1014.7	+1.3	-1.0	NE	2	0	22.2	-0.1	+3.2	32	+1	13	+2	41	+4	0	9	19	—
	MALAKAL	1010.6	-0.4	-0.9	NE	3	0	27.0	+2.5	+2.6	36	0	20	+3	34	+5	0	92	93	—
	WAU	1010.4	+0.4	-0.8	N	5	0	23.0	-1.2	-2.7	38	+2	18	+1	56	+1	0	181	146	—
	JUBA			—						—		—		—		—				—

TEMP. F C — PRESS. Mm Mb

Upper Wind Observations at Helwan at h. 8 m. 30

Height (Metres)	Kms. an hour	Direction
500	35	N
1000	20	NNW
1500	25	WNW
2000	80	WNW
3000		

General Situation

High pressure extends from the Balkans to Egypt where the pressure is much above normal. A depression is centred near the Syrian coast, and there are indications of a shallow depression in the western desert.

الحالة العمومية

يمتد الضغط العالي من البلقان لمصر حيث يفوق الضغط معدله كثيراً. ويوجد انخفاض فوق شاطئ الشام وهناك علامات عن وجود انخفاض آخر ضحل في الصحراء الغربية.

Forecast for 24 hours from noon to-day.

Moderate to fresh northerly winds. Much low cloud at times. Possibility of light scattered showers. Changeable, becoming cooler.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح شمالية ما بين المعتدلة والشديدة نوعاً. يكثر السحاب المنخفض أحياناً. ويحتمل أن تمطر خفيفاً في أنحاء متفرقة والطقس متغير وسيأخذ في البرودة.

STATION	Humidity Mean of Day: Yesterday	Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	75	+10	15.0	+3.0
Ezbekiya	73	+1	12.7	+1.5
Giza	87	+11	12.3	—
Helwan	51	-9	11.8	+1.9

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
22.12	988	994
21.12	984	1128

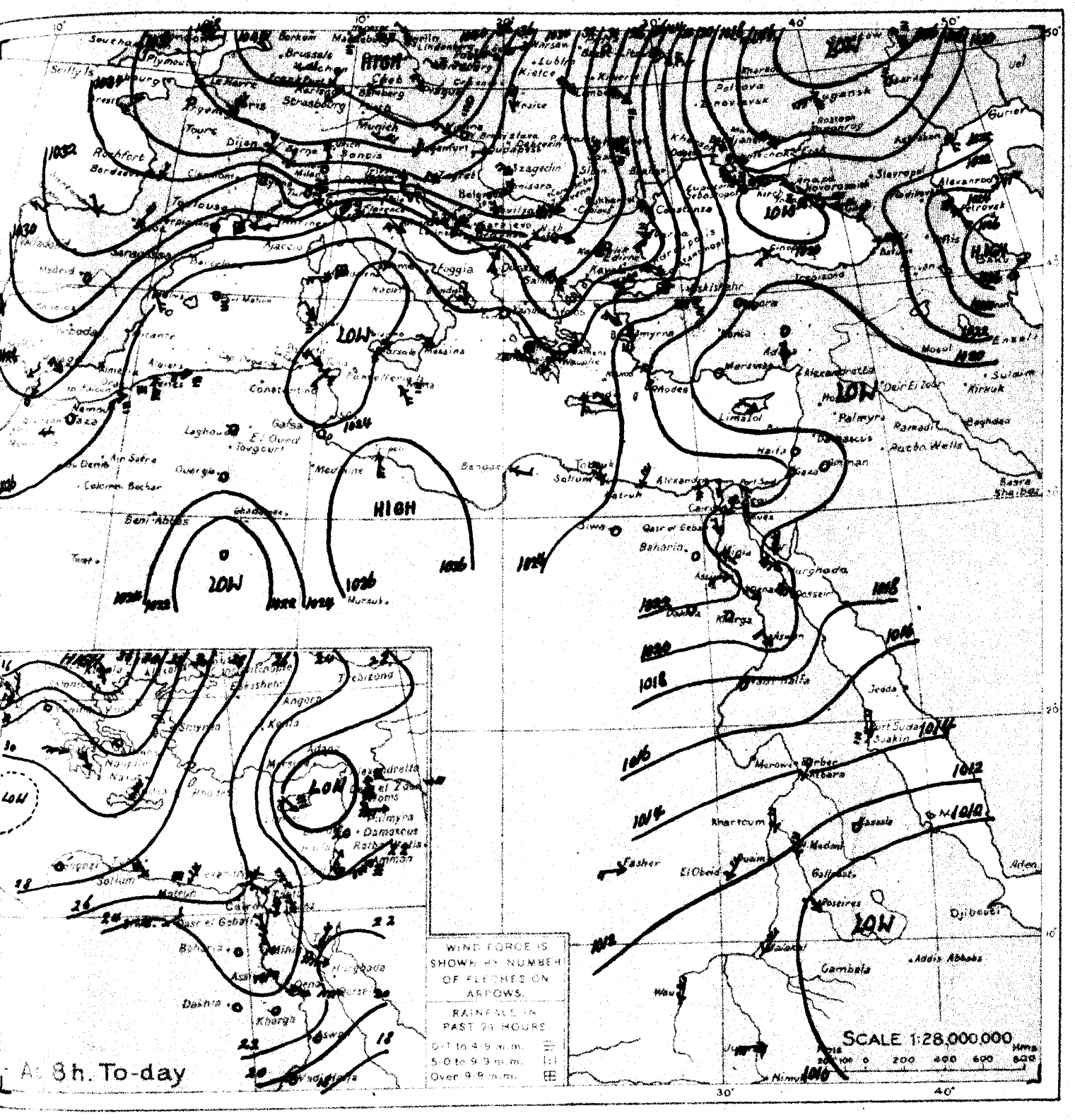
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	22.12	13.69	+0.24	13.69	+0.24
Nasser	22.12	7.56	-0.83	7.75	-0.72
Malakal	22.12	11.90	+0.02	11.96	+0.07
Roseires	23.12	12.62	+0.02	12.66	+0.03
Sennar Res.	22.12	20.70	—	20.70	—
Makwar	22.12	5.20	-1.01	5.26	-0.97
Khartoum	21.12	11.38	-0.26	11.40	-0.27
Kh. el Girba	—	—	—	—	—
Atbara	22.12	10.78	-0.21	10.78	-0.22
Wadi Halfa	23.12	2.69	-0.25	2.70	-0.26
Aswan Res.	22.12	109.16	—	108.90	—
" D.S.	22.12	85.94	-0.57	85.94	-0.60
El Leithi	22.12	18.07	-0.61	18.15	-0.55
Roda (Cairo)	22.12	15.38	-0.09	15.52	-0.03

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٣١-١٢-٢٢ Barometer and Wind at 8 h. Yesterday 22.12.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣١-١٢-٢٢ From Observations taken at 8 h. yesterday. 22.12.31.

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C	°C.	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1023.6	+1.7	+8.0	NE	1	4	2	+2	—	7	—	0	—	50	—	—	—	295	—
	MALTA	1024.4	+2.3	+7.2	SSE	2	5	8	0	—	12	-4	7	-4	80	—	3	151	207	1
	ATHENS	1026.0	—	+8.5	N	1	0	2	-6	—	—	—	—	—	90	—	—	—	156	—
	CANDIA									—					—	—				
	LIMASSOL	1019.6	-0.3	+2.1	WNW	1	1	14	+2		19	+1	10	+2	—	—	0	35	166	1
EGYPT and SUDAN	Wad Medani وادي مدني	1011.5	-1.1	-1.8	N	3	0	24.3	+0.8	+2.2	35	+1	17	+1	47	+7	0	11	13	—
	El Obeid الأبيض	1013.4	-0.8	-2.2	NE	2	0	22.3	-2.7	+3.2	32	+1	17	+5	40	+3	0	9	19	—
	Wau واو	1010.0	-0.2	-1.2	N	3	0	24.2	0.0	-1.5	37	+1	18	0	55	-1	0	121	146	—
	Juba جوبا	1010.8	0.0	—	W	3	1	24.6	-0.2	—	37	—	17	—	48	—	0	134	138	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 h 47 m

" " sunset 17 h 01 m

From Observations taken at 8h. to-day.

Thursday 24th December, 1931 — ١٩٣١ — الخميس ٢٤ ديسمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	SKY	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Maximum Yesterday	Diff. from normal	Minimum	Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct 1 to yesterday	Rainfall: Normal from Oct 1 to yesterday	SEA
								°C	°C	°C	°C	°C	°C	°C	%		mm.	mm.	mm.	
MEDITERRANEAN	SOLLUM	1033.2	+5.6	+15.3	NNE	4	3	12.8	+2.4	—	17	—	11	—	55	—	2	35	—	—
	MATRUH	1031.4	+5.2	+12.8	NNE	5	4	14.4	-1.6	+2.1	18	-1	13	+4	70	-6	0	28	61	5
	ALEXANDRIA	1029.2	+3.2	+10.3	NNE	7	3	13.5	-2.4	-0.4	19	0	13	+2	62	-13	0	17	83	5
	PORT SAID	1026.6	+1.9	+9.1	NW	5	2	15.0	-1.9	+0.7	20	+1	13	+2	52	-24	0	11	27	6
	GAZA	—	—	—	NW	1	2	14.2	+0.3	+1.6	18	-2	8	-1	64	-10	1	131	141	—
	HAIFA	1022.7	+1.9	+6.3	SSE	1	1	13.7	-3.4	-0.4	19	0	9	0	62	-5	3	156	257	3
LOWER EGYPT	TANTA	1029.1	+3.2	—	—	0	4	9.5	-2.5	—	19	—	8	—	80	—	0	4	—	—
	CAIRO EZBEKIYA	1028.8	+3.4	+9.8	NW	2	1	10.3	-2.1	0.0	20	0	8	0	70	-11	0	6	9	—
	CAIRO GIZA	1029.0	+3.9	+9.2	NW	2	2	8.8	-2.3	—	19	-1	5	-2	78	—	0	8	8	—
	CAIRO HELWAN	1029.0	+3.8	+10.4	—	0	0	9.1	-5.6	-2.0	19	0	7	-2	73	+5	0	7	8	—
	SIWA	1031.4	+7.6	+11.7	—	0	0	9.1	-5.0	+0.3	21	+1	2	-3	70	0	0	dr.	3	—
RED SEA	SUEZ	1026.6	+2.4	+7.6	N	2	2	14.0	+1.0	+0.8	20	-1	11	0	67	-8	0	dr.	13	1
	TOR	1024.7	+2.7	+6.7	NNW	5	0	14.0	-1.2	+0.4	22	+1	13	+4	58	-1	0	0	8	5
	HURGHADA	1025.2	+3.3	—	NNW	7	1	15.0	-2.3	—	23	—	11	—	68	—	0	0	—	5
	QOSSEIR	1024.6	+3.2	—	N	8	7	17.0	-3.2	—	25	—	15	—	61	—	0	0	—	9
UPPER EGYPT	GEBALI	1029.0	+3.8	+9.6	NE	1	0	9.2	-4.2	-0.5	21	+1	7	+1	76	-4	0	0	—	—
	MINYA	1029.4	+3.2	—	NW	1	0	9.5	-3.5	-1.1	22	+2	5	-2	87	+7	—	—	—	—
	ASYUT	1029.5	+4.7	+9.1	NW	3	0	11.2	+0.3	+0.8	24	+4	10	+3	68	-4	0	0	—	—
	QENA	1026.0	+3.3	—	WSW	2	1	13.2	-0.8	+1.5	29	+6	10	+2	67	+2	—	—	—	—
	KHARGA	1027.5	+4.7	—	NNE	2	3	12.6	-3.2	—	27	—	12	—	75	—	0	0	—	—
	ASWAN	1024.7	+3.3	+5.7	N	3	2	16.0	+2.0	+2.3	30	+6	14	+4	45	-8	—	—	—	—
NORTH SUDAN	WADI HALFA	1021.6	+2.9	+2.5	N	3	0	16.4	+3.8	+3.9	27	+3	12	+4	51	-1	—	—	—	—
	MEROWE	1017.9	+1.3	+1.1	NE	2	0	22.0	+1.5	+3.4	33	+3	17	+4	36	-2	0	0	1	—
	ATBARA																			—
	KHARTOUM	1015.9	+0.8	+1.7	N	2	0	21.4	+0.3	+2.0	32	+2	18	+3	60	+23	0	16	5	—
EAST SUDAN	PORT SUDAN	1017.4	+0.2	+2.0	N	3	0	24.8	+1.7	+0.5	28	0	21	0	69	+1	dr.	167	83	3
	KASSALA																			—
	WAD MEDANI																			—
	ROSEIRES	1010.0	+0.1	-1.8	NW	1	0	24.0	0.0	+1.6	38	+2	16	0	33	-12	0	67	37	—
SOUTH SUDAN	EL FASHER			—																—
	EL OBEID																			—
	MALAKAL																			—
	WAU																			—
	JUBA			—						—		—		—		—				—

TEMP. F C — PRESS. Mm Mb

Upper Wind Observations at Helwan at h. 8 m. 30

Height (Metres)	Kms per hour	Direction
500	40	NNW
1000	50	N
1500	55	N
2000		
3000		

General Situation

The high pressure system extending from the Balkans to Egypt has strengthened. The depression has moved east to the Syrian desert.

الحالة العمومية

قد ازداد الارتفاع الممتد من البلقان نحو مصر وقد تحرك الانخفاض شرقاً الى صحراء سوريا.

Forecast for 24 hours from noon to-day.

Moderate to fresh winds between northwest and northeast, strong at times on the coast. Much low cloud. Further showers in the north probable. Remaining cool.
Further outlook : Cool weather maintained.

التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

رياح بين المعتدلة والشديدة غالباً بين شمالية غربية وشمالية شرقية وتكون شديدة أحياناً على الساحل. يكثر السحاب المنخفض. يحتمل سقوط رذاذ آخر في الشمال. يستمر الطقس بارداً وفيما بعد يظل الطقس مائلاً للبرودة.

STATION	Humidity Mean of Day: Yesterday	Humidity Mean of Day: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb Temperature Mean of Day: Diff. from normal
	%	%	°C	°C
Alexandria	65	0	12.9	+1.0
Ezbekiya	71	-1	11.8	+0.7
Giza	84	+8	12.0	—
Helwan	59	-1	11.5	+1.6

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
24.12	930	866
23.12	928	868

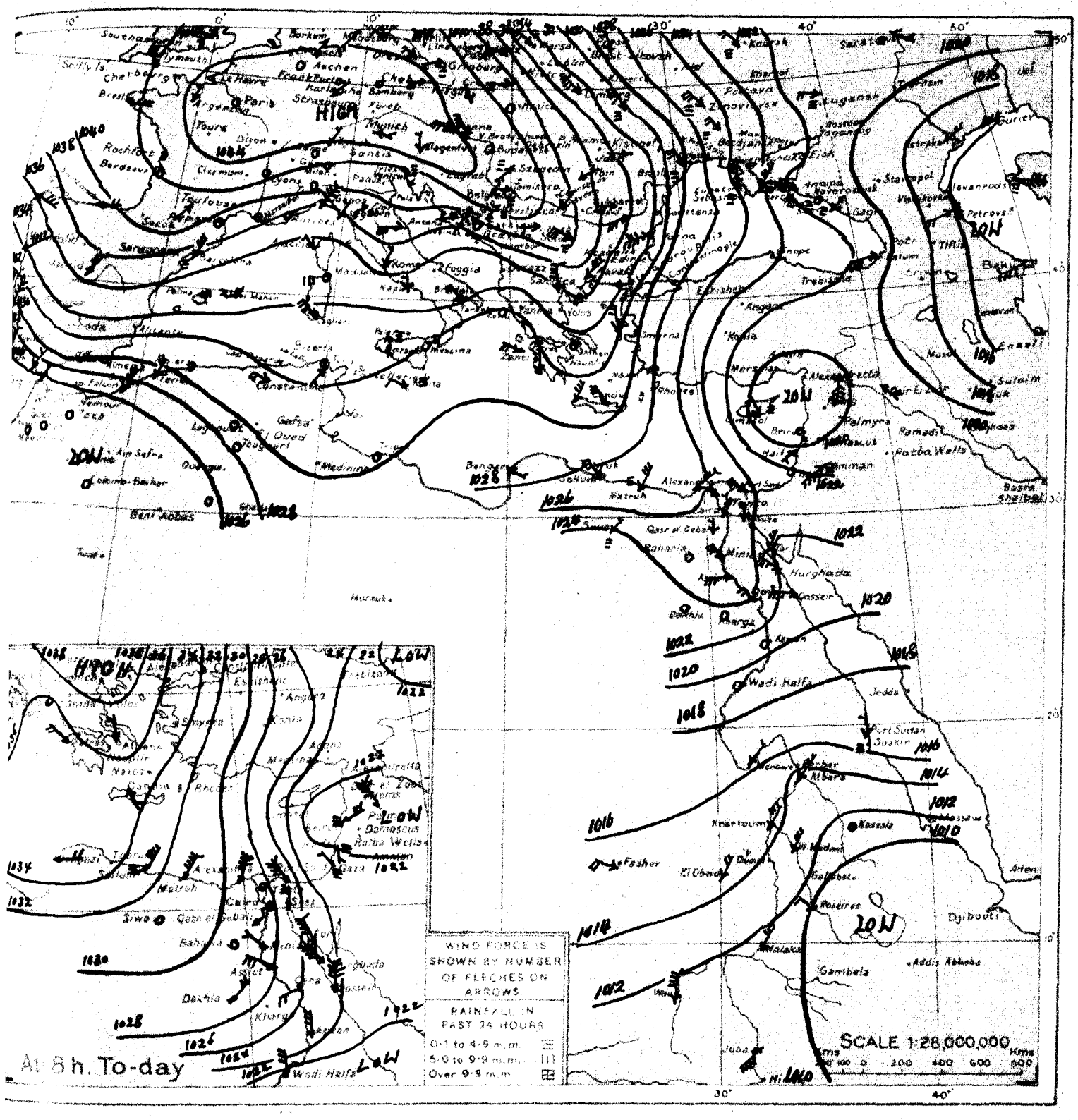
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	23.12	13.68	+0.24	13.69	+0.24
Nasser	23.12	7.38	-0.95	7.56	-0.83
Malakal	23.12	11.85	-0.01	11.90	+0.02
Roseires	24.12	12.60	+0.03	12.63	+0.02
Sennar Res.	23.12	20.70	—	20.70	—
Makwar	23.12	5.17	-1.02	5.20	-1.01
Khartoum	21.12	11.38	-0.26	11.40	-0.27
Kh. el Girba		—		—	
Atbara	23.12	10.78	-0.20	10.78	-0.21
Wadi Halfa	24.12	2.67	-0.26	2.69	-0.25
Aswan Res.	24.12	109.66	—	109.42	—
" D.S.	24.12	85.64	-0.62	85.50	-0.64
El Leithi	24.12	18.05	-0.59	17.98	-0.68
Roda (Cairo)	23.12	15.38	-0.07	15.63	-0.03

PRINTED AT THE SURVEY OF EGYPT 1930 (20/256)

PHYSICAL DEPARTMENT.

REPORT.

٢٣-١٢-٣١ Barometer and Wind at 8 h. Yesterday 23.12.31.



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٣-١٢-٣١ From Observations taken at 8 h. yesterday. 23.12.31

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct. 1 to yesterday	RAINFALL Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C.	°C	°C.	°C.	°C.	°C.	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1036.6	+13.0	+20.8	NE	1	0	1	-1	—	11	—	0	—	70	—	—	—	298	—
	MALTA	1030.8	+6.4	+13.6	WNW	1	4	10	+2	—	13	-3	8	-3	70	—	tr.	151	210	1
	ATHENS	1032.8	+6.8	+15.3	—	0	0	2	0	—	—	—	—	—	80	—	—	—	158	—
	CANDIA									—					—	—				
	LIMASSOL	1018.4	-1.2	+0.9	NW	1	2	12	-2		21	+3	6	-2	—	—	tr.	35	169	0
EGYPT and SUDAN	Wad Medani	1012.4	+0.9	-0.9	NE	3	0	22.6	-1.7	+0.5	35	+1	16	0	62	+22	0	11	13	—
	Juba	1010.6	-0.2	—	SW	4	0	23.1	-1.5	—	38	—	17	—	59	—	0	134	138	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 49 m

" " sunset 17 h 01 m

From Observations taken at 8 h. to-day.

Friday 25th December, 1931 — ١٩٣١ الجمعة ٢٥ ديسمبر

	STATION	Barometer: Reduced to Sea Level	Barometer: Change in past 24 hours	Barometer: Diff. from normal	Wind: Direction	Wind: Force	Sky	Temperature: At 8 h.	Temperature: Change in past 24 hours	Temperature: Diff. from normal	Temperature: Maximum Yesterday	Temperature: Diff. from normal	Temperature: Minimum	Temperature: Diff. from normal	Humidity: At 8 h.	Humidity: Diff. from normal	Rainfall: Past 24 hours	Rainfall: Total from Oct. 1 to yesterday	Rainfall: Normal from Oct. 1 to yesterday	Sea
		m.b	m.b	m.b				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	SOLLUM	1031.4	-1.8	+13.5	NW	2	4	10.5	-1.8	—	15	—	9	—	68	—	0	35	—	—
	MATRUH	1030.3	-1.1	+11.7	NNE	3	3	15.2	+0.8	+3.0	20	+1	11	+2	68	-8	0	28	61	3
	ALEXANDRIA	1029.0	-0.2	+10.1	NNE	4	4	14.5	+1.0	+0.7	16	-3	13	+2	53	-22	0	17	85	3
	PORT SAID	1028.7	+2.1	+11.2	SW	2	4	12.2	-2.8	-2.0	17	-2	11	0	74	-3	drops	11	28	3
	GAZA	—	—	—	—	0	2	8.9	-5.3	-3.7	15	-5	5	-4	76	+2	0	131	145	—
	HAIFA	1025.6	+2.9	+9.2	SSW	1	4	9.3	-4.4	-4.7	16	-3	6	-3	53	-14	0	156	263	3
LOWER EGYPT	TANTA	1028.8	-0.3	—	—	0	4	10.8	+1.3	—	18	—	9	—	81	—	0	4	—	—
	CAIRO EZBEKIYA	1028.4	-0.4	+9.4	—	0	4	10.6	+0.3	+0.3	18	-2	8	0	77	-4	0	6	9	—
	CAIRO GIZA	1028.7	-0.3	+8.9	—	0	4	10.0	+1.2	—	17	-3	5	-2	84	—	0	8	8	—
	CAIRO HELWAN	1029.0	0.0	+10.4	—	0	4	9.6	+0.5	-1.4	16	-3	7	-1	79	+11	0	7	8	—
	SIWA	1030.2	-1.2	+10.5	—	0	0	7.2	-1.9	-1.5	18	-2	3	-2	63	-7	0	drops	3	—
RED SEA	SUEZ	1027.2	+0.6	+8.3	N	2	4	11.0	-3.0	-2.1	18	-3	8	-2	75	0	drops	drops	13	1
	TOR	1025.0	+0.3	+7.0	NE	3	0	11.0	-3.0	-2.5	19	-2	7	-2	54	-5	0	0	8	3
	HURGHADA	1025.6	+0.4	—	W	7	0	13.9	-1.1	—	19	—	9	—	61	—	0	0	—	5
	QOSSEIR	1024.4	-0.2	—	NW	6	1	15.1	-1.9	—	20	—	14	—	52	—	0	0	—	5
UPPER EGYPT	GEBALI	1028.6	-0.4	+9.2	NW	1	2	11.0	+1.8	+1.4	16	-4	7	+1	75	-5	0	0	—	—
	MINYA	1029.8	+0.4	—	NW	2	0	6.5	-3.0	-4.0	17	-3	4	-3	86	+6	—	—	—	—
	ASYUT	1028.7	-0.8	+8.3	NW	3	0	8.3	-2.9	-2.0	16	-4	4	-3	77	+5	0	0	—	—
	QENA	1025.9	-0.1	—	NW	2	0	8.9	-4.3	-2.7	21	-2	6	-2	76	+11	—	—	—	—
	KHARGA	1028.2	+0.7	—	NNE	1	1	12.2	-0.4	—	19	—	8	—	72	—	0	0	—	—
	ASWAN	1024.6	-0.1	+5.6	NE	3	0	11.0	-5.0	-2.6	22	-2	9	-1	47	-6	—	—	—	—
NORTH SUDAN	WADI HALFA	1023.4	+1.8	+4.2	NNW	4	0	10.4	-6.0	-2.0	25	+1	8	0	56	+4	—	—	—	—
	MEROWE	1019.5	+1.6	+2.7	NE	3	0	14.5	-7.5	-4.0	30	0	11	-2	25	-13	0	0	1	—
	ATBARA	1016.2	+2.4	+1.3	N	4	0	18.5	-6.0	-2.0	32	+1	16	+2	58	+20	0	0	1	—
	KHARTOUM	1016.3	+0.4	+2.1	N	2	0	20.1	-1.3	+0.8	31	+1	17	+2	18	-19	0	16	5	—
EAST SUDAN	PORT SUDAN	1017.5	+0.1	+2.0	N	3	0	22.3	-2.5	-1.9	29	+1	19	-2	54	-14	0	167	84	3
	KASSALA	1011.8	0.0	-0.8	E	2	0	23.0	0.0	-0.3	34	0	19	+3	66	+5	0	8	11	—
	WAD MEDANI																			—
	ROSEIRES	1009.9	-0.1	-1.9	WNW	1	0	23.0	-1.0	+0.7	37	+1	17	+1	52	+7	0	67	37	—
SOUTH SUDAN	EL FASHER	1017.5	+0.7	—	NNW	3	0	15.0	+1.5	-0.6	32	+1	12	+2	39	+4	0	0	8	—
	EL OBEID	1014.4	+0.4	-1.3	NE	3	0	20.5	-3.0	+1.7	33	+2	14	+3	23	-14	0	9	19	—
	MALAKAL	1011.6	-0.3	+0.1	NNE	3	0	25.2	-1.8	+0.9	37	+1	20	+3	35	+6	0	42	93	—
	WAU	1011.4	0.0	+0.2	NE	6	0	25.0	+0.1	-0.7	37	+1	19	+2	31	-22	0	181	146	—
	JUBA	1011.2	-0.7	—	NW	4	1	26.5	+2.5	—	37	—	18	—	39	—	0	134	139	—

TEMP. F C — PRESS. Mm Mb

Upper Wind Observations at Helwan at h. m.

Height (Metres)	Kms per hour	Direction
500		
1000		
1500		
2000		
3000		

General Situation — الحالة العمومية

Forecast for 24 hours from noon to-day. — التغيرات المنتظر حصولها في الطقس من ظهر اليوم الى ظهر الغد

STATION	Humidity Mean of Day: Yesterday	Humidity: Diff. from normal	Wet Bulb Temperature Mean of Day: Yesterday	Wet Bulb: Diff. from normal
	%	%	°C	°C
Alexandria	57	-8	10.2	-1.6
Ezbekiya	67	-5	9.0	-2.1
Giza	71	-5	9.0	—
Helwan	61	+1	8.2	-1.6

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
25-12	929	811
24-12	930	866

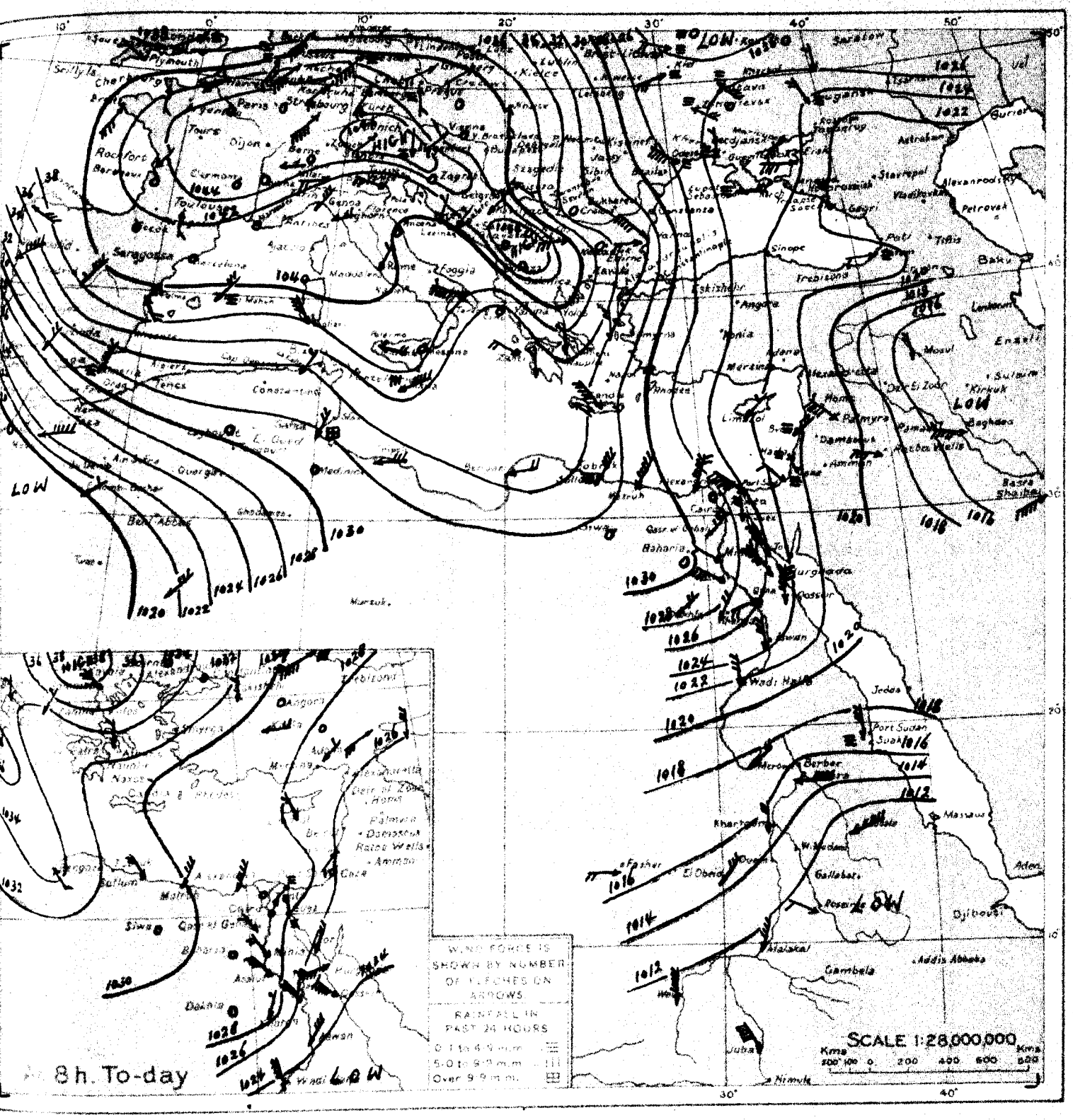
GAUGE	Date	Reading	Diff. from normal	Previous day: Reading	Previous day: Diff. from normal
	1931	m.	m.	m.	m.
Juba	23-12	13.68	+0.24	13.69	+0.24
Nasser	24-12	7.21	-1.04	7.38	-0.95
Malakal	25-12	11.85	-0.01	11.90	+0.02
Roseires	24-12	12.60	+0.03	12.62	+0.02
Sennar Res.	24-12	20.70	—	20.70	—
Makwar	24-12	5.15	-1.01	5.17	-1.02
Khartoum	21-12	11.38	-0.26	11.40	-0.27
Kh. el Girba					
Atbara	23-12	10.78	-0.20	10.78	-0.21
Wadi Halfa	24-12	2.67	-0.86	2.69	-0.25
Aswan Res.	25-12	109.90	—	109.86	—
" D.S.	25-12	85.25	-0.57	85.24	-0.62
El Leithi	24-12	18.05	-0.69	17.98	-0.68
Roda (Cairo)	24-12	16.97	-0.16	16.98	-0.09

PRINTED AT THE SURVEY OF EGYPT (١٩٣١/١٩٣٢) 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

١٩٣١ -١٢-٢٤ Barometer and Wind at 8 h. Yesterday 24-12-1931



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

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

STATE OF SEA	
Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

١٩٣١ -١٢-٢٤ From Observations taken at 8 h. yesterday. 24-12-1931

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff. from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h.	TEMPERATURE Change in past 24 hours	TEMPERATURE Diff. from normal	TEMPERATURE Maximum Yesterday	TEMPERATURE Diff. from normal	TEMPERATURE Minimum	TEMPERATURE Diff. from normal	HUMIDITY At 8 h.	HUMIDITY Diff. from normal	RAINFALL Past 24 hours	RAINFALL Total from Oct 1 to yesterday	RAINFALL Normal from Oct 1 to yesterday	SEA
		m.b	m.b.	m.b.				°C.	°C	°C.	°C	°C	°C	°C.	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1040·7	+4·1	+24·9	NE	1	1	-1	-2	—	10	—	-2	—	60	—	—	—	301	—
	MALTA	1036·3	+5·5	+18·9	ENE	5	4	13	+3	—	14	-2	12	+1	70	—	5	156	213	3
	ATHENS	1037·0	+4·2	+19·4	N	1	0	1	-1	—	—	—	—	—	80	—	—	—	160	—
	CANDIA									—					—	—				
	LIMASSOL	1025·4	+7·0	+7·9	NE	1	0	7	-5		18	0	3	-5	—	—	0	35	173	4
EGYPT and SUDAN	Alburaco	1013·8	+0·3	-1·1	E	4	20	24·5	+1·5	+3·9	33	+2	19	+5	53	+15	0	0	1	—
	Kassala	1011·8	+0·8	-0·8	ENE	4	0	23·0	-1·0	-0·4	35	+1	19	+3	63	+2	0	8	11	—
	El Fasher	1016·8	+2·4	—	W	2	0	13·5	-0·5	-2·2	33	+2	7	-3	31	-4	0	0	8	—
	El Obeid	1014·0	-0·7	-1·7	NE	3	0	23·5	+1·3	+4·6	32	+1	18	+7	36	-1	0	9	19	—
	Malakal	1011·9	+1·3	+0·4	NNE	4	0	27·0	0·0	+2·7	37	+1	19	+2	34	+5	0	92	93	—
	Wau	1011·4	+1·0	+0·2	N	5	0	24·9	+1·9	-0·8	36	+2	17	0	35	-19	0	181	146	—
	Juba	1011·9	+1·3	—	NW	4	1	24·0	+0·9	—	37	—	17	—	49	—	0	134	139	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 50

" " sunset 17 02

From Observations taken at 8h. to-day.

Saturday 26th December, 1931 ١٩٣١ السبت ٢٦ ديسمبر

STATION	Barometer Reduced to Sea Level	Change in last 24 hours	Diff from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in last 24 hours	Diff from normal	Maximum	Diff from normal	Minimum	Diff from normal	Humidity At 8 h.	Diff from normal	Rainfall Last 24 hours	Since 1st Sept.	Since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
[illegible]	1030.3	-1.1	+12.3	NW	3	2	6.3	-4.2		16		5		84		0	35		—
[illegible]	1028.2	-2.1	+9.6	NE	2	3	14.8	-0.4	+2.7	22	+3	14	+5	72	-4	0	28	62	3
[illegible]	1026.8	-2.2	+7.9	S.	5	4	13.6	-0.9	-0.2	19	0	11	0	71	-4	trace	17	87	3
[illegible]	1025.9	-2.8	+8.4	WNW	1	4	11.6	-0.6	-2.6	17	-2	10	-1	85	+8	4	15	29	2
[illegible]	—	—	—	E	1	8	9.4	+0.5	-3.1	16	-3	5	-4	72	-2	0	131	149	
[illegible]	1025.6	0.0	+9.2	SSE	2	0	10.0	+0.7	-3.9	13	-6	6	-3	49	-19	0	156	270	2
[illegible]	1026.7	-2.1		WSW	1	4	9.3	-1.5		18		6		88		0	4		
[illegible]	1026.6	-1.8	+7.6	—	0	8	7.6	-3.0	-2.6	17	-3	6	-2	94	+13	0	6	10	
[illegible]	1026.7	-2.0	+6.9	—	0	1	6.1	-3.9	—	17	-2	2	-5	99	—	0	8	8	
[illegible]	1026.6	-2.4	+8.0	—	0	0	7.6	-2.0	-3.3	15	-4	6	-2	85	+17	0	7	8	
[illegible]	1028.6	-1.6	+8.8	—	0	0	5.9	-1.3	-2.8	18	-2	4	0	69	-1	0	drops	3	
[illegible]	1026.2	-1.0	+7.3	N	2	0	9.2	-1.8	-3.8	17	-3	7	-3	71	-4	0	drops	14	1
[illegible]	1022.0	-3.0	+3.9	E	3	0	8.9	-2.1	-4.5	18	-3	5	-4	50	-9	0	0	8	2
[illegible]	1023.4	-2.2		W	7	0	13.3	-0.6		19		9		61		0	0		5
[illegible]	1022.2	-2.2		NW	5	0	15.3	+0.2		19		13		44		0	0		4
[illegible]	1025.9	-2.7	+6.5	NW	1	0	10.2	-0.8	+0.7	17	-3	7	+1	84	+4	0	0		
[illegible]	1025.6	-4.2		—	0	0	7.7	+1.2	-2.7	16	-4	4	-3	83	+3				
[illegible]	1026.8	-1.9	+6.4	W	2	0	7.0	-1.3	-3.2	16	-4	4	-3	82	+10	0	0		
[illegible]	1023.9	-2.0		WSW	2	0	10.1	+1.2	-1.4	21	-2	5	-3	71	+6				
[illegible]	1025.2	-3.0		—	0	0	10.4	-1.8		21		8		78		0	0		
[illegible]	1023.6	-1.0	+4.5	N	3	1	10.4	-0.6	-3.1	22	-2	8	-2	51	-2				
[illegible]	1022.6	-0.8	+3.4	NNE	2	0	9.6	-0.8	-2.8	22	-2	7	-1	59	+7				
[illegible]	1017.0	+0.8	+2.1	N	3	0	18.5	0.0	-1.9	27	-4	15	+1	50	+12	0	0	1	
[illegible]	1017.1	+0.8	+2.9	N	2	0	16.0	-4.1	-3.2	29	-1	14	-1	31	-6	0	16	5	
[illegible]	1017.5	0.0	+2.0	N	3	0	22.1	-0.2	-2.1	27	-1	18	-2	51	-17	0	167	85	3
[illegible]	1011.8	0.0	-0.8	E	2	0	23.0	0.0	-0.2	33	-1	18	+2	59	-2	0	8	11	
[illegible]	1011.6	+1.7	-0.2	NW	2	0	22.0	-1.0	-0.3	36	0	18	+2	36	-9	0	67	37	
[illegible]	1017.4	+3.0	+1.6	NNE	3	0	16.7	-3.8	-2.0	30	0	10	-1	38	+1	0	9	19	
[illegible]	1013.0	+1.4	+1.5	NNE	4	0	23.8	-1.4	-0.5	35	-1	18	+1	30	+1	0	92	93	

General Situation

8.30 The high pressure system extending from the Balkans to Cyprus is maintained but has weakened slightly. There is a shallow depression near the coast of Palestine.

منطقة الضغط المرتفع الممتدة من البلقان لقبرص لم تزال محافظة لكنها قد اخذ في الضعف قليلا - ويوجد انخفاض ضحل بالقرب من ساحل فلسطين.

15	N
25	N
20	NNE
25	NNE

Forecast for 24 hours from noon to-day.

Light to moderate northerly winds.
Some medium cloud.
Possibility of further showers in the north.
Cool weather continuing.

رياح شمالية ما بين الخفيفة والمعتدلة - سيظهر بعض السحاب الوسط - ويحتمل ان تمطر مرة اخرى في الشمال ويستمر الطقس باردا.

STATION	Humidity Mean of Day Yesterday	Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Diff from normal
	%	%	°C	°C
Alexandria	39	-26	10.6	-1.2
Ezbekiya	75	+3	10.2	-0.8
Giza	83	+7	9.7	—
Helwan	71	+11	8.8	-0.9

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices in m³ per sec. DATE	1931	1930
26.12	930	812
25.12	929	811

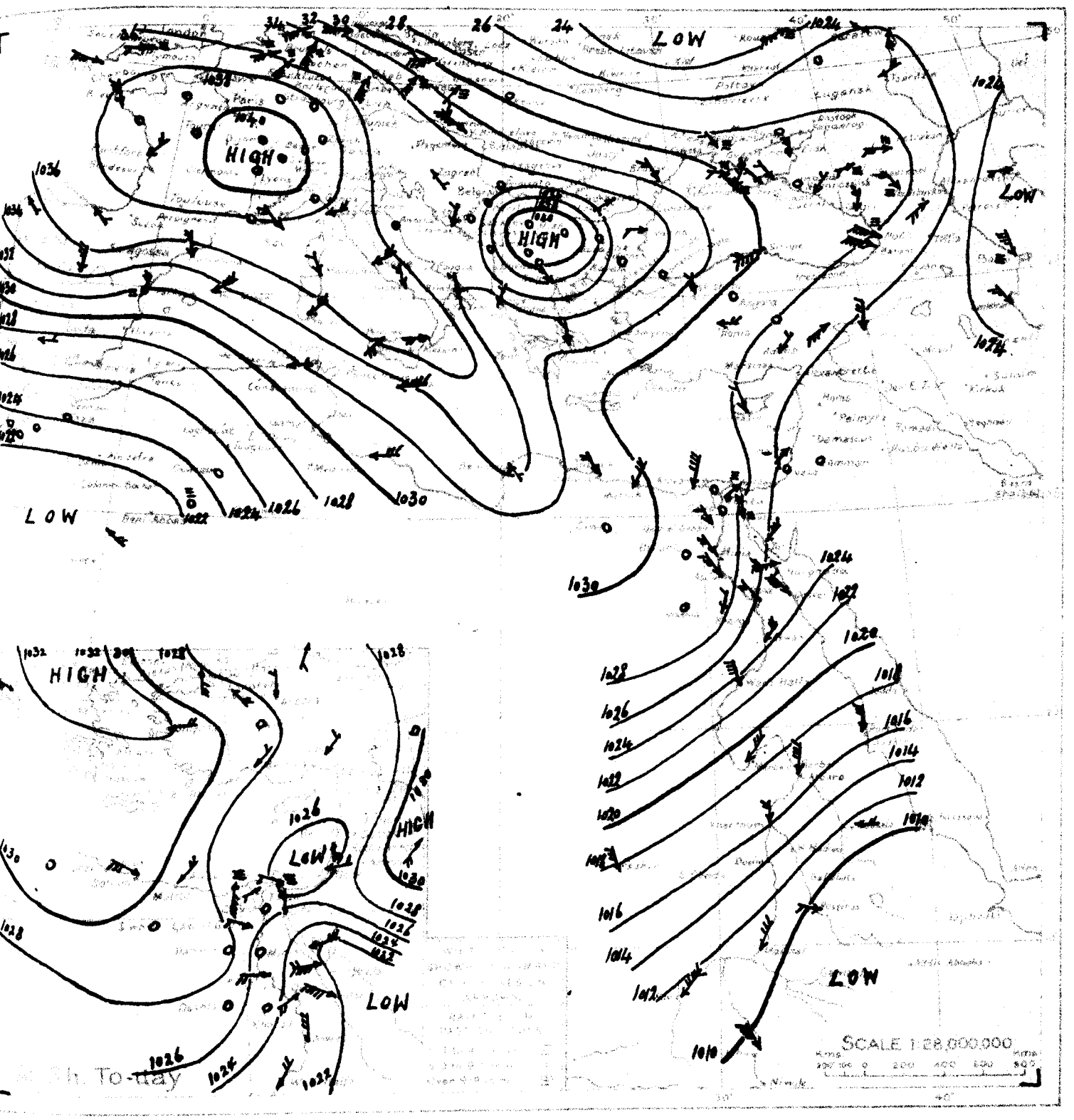
GAUGE	Date 1931	Reading	Diff. from normal	Previous day Reading	Diff.
		m	m	m	m
Juba	25.12	13.69	+0.26	13.68	+0.25
Nasser	24.12	7.21	-1.04	7.38	-0.95
Malakal	25.12	11.70	-0.11	11.76	-0.06
Roseires	26.12	12.54	+0.03	12.56	+0.02
Sennar Res.	24.12	20.70	—	20.70	—
Makwar	24.12	5.15	-1.01	5.17	-1.02
Khartoum	24.12	11.34	-0.22	11.36	-0.23
Kh. el Girba					
Atbara	25.12	10.76	-0.20	10.76	-0.21
Wadi Halfa	26.12	2.62	-0.29	2.66	-0.26
Aswan Res.	26.12	110.13	—	109.90	—
" D.S.	26.12	85.85	-0.55	85.85	-0.57
El Leithi	26.12	18.06	-0.54	18.06	-0.56
Roda (Cairo)	22.12	14.23	-0.59	14.22	-0.64

PRINTED AT THE SURVEY OF EGYPT 1520(29/559/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

.٢١-١٢-٢٥ Barometer and Wind at 8 h Yesterday 25.12.31.



WIND VELOCITY

	Kt.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-20	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane above 104		12

STATE OF SKY

Clear	0
1 Cloudy	1
2 Cloudy	2
3 Cloudy	3
Entirely cloudy	4
Rain	5
Sand	6
Sand	7
Mist	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

Upper Wind
Khartoum
26-12-1931

HT. mts.	VEL. K.P.H.	DIR.
500	40	N
1000	60	NNE
1500	35	NNE
2000	25	SSW

.٢١-١٢-٢٥ From Observations taken at 8 h yesterday 25.12.31

	STATION	Barometer Sea Level	Diff. from Sea Level	Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h	Temperature Diff. from normal	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	SEA
		m.m.	m.m.	m.m.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1036.6	-4.1	+20.7	ENE	3	0	-2	-1	—	9	—	-3	—	60	—	—	—	304	—
	MALTA	1033.2	-3.1	+15.8	E	4	4	13	0	—	13	-3	12	+1	70	—	0	156	216	2
	ATHENS	1033.6	-3.4	+16.0	N	1	0	0	+1	—	—	—	—	—	60	—	—	—	162	—
	CANDIA									—					—	—				
	LIMASSOL	1027.0	+1.6	+9.4	NNW	1	3	7	0		13	-5	3	-5	—	—	0	35	176	2
EGYPT and SUDAN																				

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 h 50 m

" " sunset 17 h 02 m

From Observations taken at 8 h. to-day

Sunday 27th December, 1931 — ١٩٣١ الأحد ٢٧ ديسمبر

STATION	Barometer Reduced to Sea Level	Diff. from yesterday	Diff. from normal	Wind Direction	Force	Sky	Temperature At 8 h.	Change in past 24 hours	Diff. from normal	Maximum	Diff. from normal	Minimum	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Past 24 hours	Since 1st Sept.	Since 1st Jan.	Sea
	mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
SOLLUM	1029.5	-0.8	+11.5	NW	3	1	6.4	+0.1		16	—	4	—	83		0	35	—	—
MATRUH	1027.4	-0.8	+8.8	NW	1	3	12.4	-2.4	+0.4	16	-3	11	+2	72	-5	0	28	63	2
ALEXANDRIA	1027.4	+0.6	+8.4	—	0	1	12.7	-0.9	-1.0	20	+1	10	-1	68	-7	3	20	89	0
PORT SAID	1026.7	+0.8	+9.2	SSE	2	0	10.0	-1.6	-4.1	17	-2	9	-2	64	-13	0	15	29	1
[illegible]																			
[illegible]	1025.6	0.0	+9.2	SSE	3	0	9.9	-0.1	-3.9	13	-6	6	-3	46	-22	0	156	276	4
[illegible]	1027.4	+0.7		NNW	1	0	6.0	-3.3		18	—	5	—	97		2	6	—	
[illegible]	1026.8	+0.2	+7.8	—	0	8	6.4	-1.2	-3.8	18	-2	5	-3	93	+12	0	6	10	
[illegible]	1026.7	0.0	+6.9	NNW	1	8	4.1	-2.0	—	17	-2	2	-5	100	—	0	8	8	
[illegible]	1026.0	-0.6	+7.4	NNW	2	0	7.5	-0.1	-3.4	16	-3	6	-2	56	-12	0	7	8	
[illegible]	1027.5	-1.1	+7.7	—	0	0	3.8	-2.1	-4.8	18	-1	2	-2	69	-1	0	drops	3	
[illegible]	1025.5	-0.7	+6.6	N	2	0	7.0	-2.2	-5.9	16	-4	5	-5	71	-4	0	drops	14	1
[illegible]	1022.3	+0.3	+4.2	E	2	0	8.7	-0.2	-4.7	19	-2	4	-5	54	-5	0	0	8	2
BERMUDA	1022.6	-0.8		W	6	0	12.5	-0.8		19	—	8	—	58		0	0		4
[illegible]	1021.2	-1.0		NW	5	0	16.0	+0.7		20	—	12	—	38		0	0		4
[illegible]																			
[illegible]	1026.6	+1.0		NNW	2	2	7.0	-0.7	-3.3	17	-3	4	-3	92	+12				
[illegible]	1025.8	-1.0	+5.4	WNW	3	0	7.4	+0.4	-2.7	16	-4	4	-3	80	+8	0	0		
[illegible]	1023.5	-0.4		W	2	0	7.5	-2.6	-4.0	21	-2	4	-4	74	+8				
[illegible]	1024.6	-0.6		N	2	0	10.9	+0.5		18	—	8	—	69		0	0		
[illegible]	1022.7	-0.9	+3.6	N	1	0	9.0	-1.4	-4.4	19	-5	6	-4	48	-5				
[illegible]	1022.4	-0.2	+3.2	NNE	2	0	8.0	-1.6	-4.3	20	-4	6	-2	59	+7				
[illegible]																			
[illegible]	1018.4	+1.3	+4.1	NNW	2	0	14.5	-1.5	-4.7	27	-3	12	-3	32	-5	0	16	5	
[illegible]	1016.7	-0.8	+1.2	N	3	1	22.5	+0.4	-1.6	26	-1	18	-2	49	-19	0	167	86	3
[illegible]	1012.8	+1.2	+0.9	NNW	2	0	20.0	-2.0	-2.2	34	-2	17	+1	40	-5	0	67	37	
[illegible]	1016.3	+0.3		NW	3	0	12.0	-1.0	-3.4	27	-4	7	-3	33	-2	0	0	8	
[illegible]	1018.2	+0.8	+2.4	NNE	2	0	14.0	-2.7	-4.6	26	-4	8	-3	45	+8	0	9	19	
[illegible]	1014.7	+1.7	+3.2	NNE	4	0	22.0	-1.8	-2.3	38	+2	20	+3	31	+2	0	92	93	
[illegible]	1014.8	+1.4	+3.6	NW	7	0	21.5	+1.0	-4.2	33	-3	15	-2	57	+5	0	181	146	

Barometer 8 45

Wind

35	NE
45	NE
55	NE
50	NNE

General Situation

A depression is situated near Corsica and pressure is rapidly falling over the western Mediterranean. Over the eastern Mediterranean little change has taken place in the general situation.

هناك انخفاض بالقرب من جزيرة كورسيكا والضغط آخذ في الهبوط بسرعة فوق غرب البحر الأبيض أما فوق شرق البحر الأبيض فلم يتغير الحال إلا قليلا

Forecast for 24 hours from noon to-day.

Light to moderate northerly winds. Clear or occasional medium cloud. Little change in temperature.

رياح شمالية من الخفيفة والمعتدلة - السماء صحو أو يظهر بها سحاب المتوسط الارتفاع أحيانا - ولا تتغير درجة الحرارة إلا قليلا

STATION	Humidity Mean of Day		Wet Bulb Temperature Mean of Day	
	Yesterday	Diff. from normal	Yesterday	Diff. from normal
	%	%	°C	°C
Alexandria	59	-6	11.8	+0.1
Ezbekiya	85	+14	9.4	-1.5
Giza	87	+12	9.0	—
Helwan	70	+10	8.4	-1.2

NOTE. A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
27-12	924	814
26-12	930	812

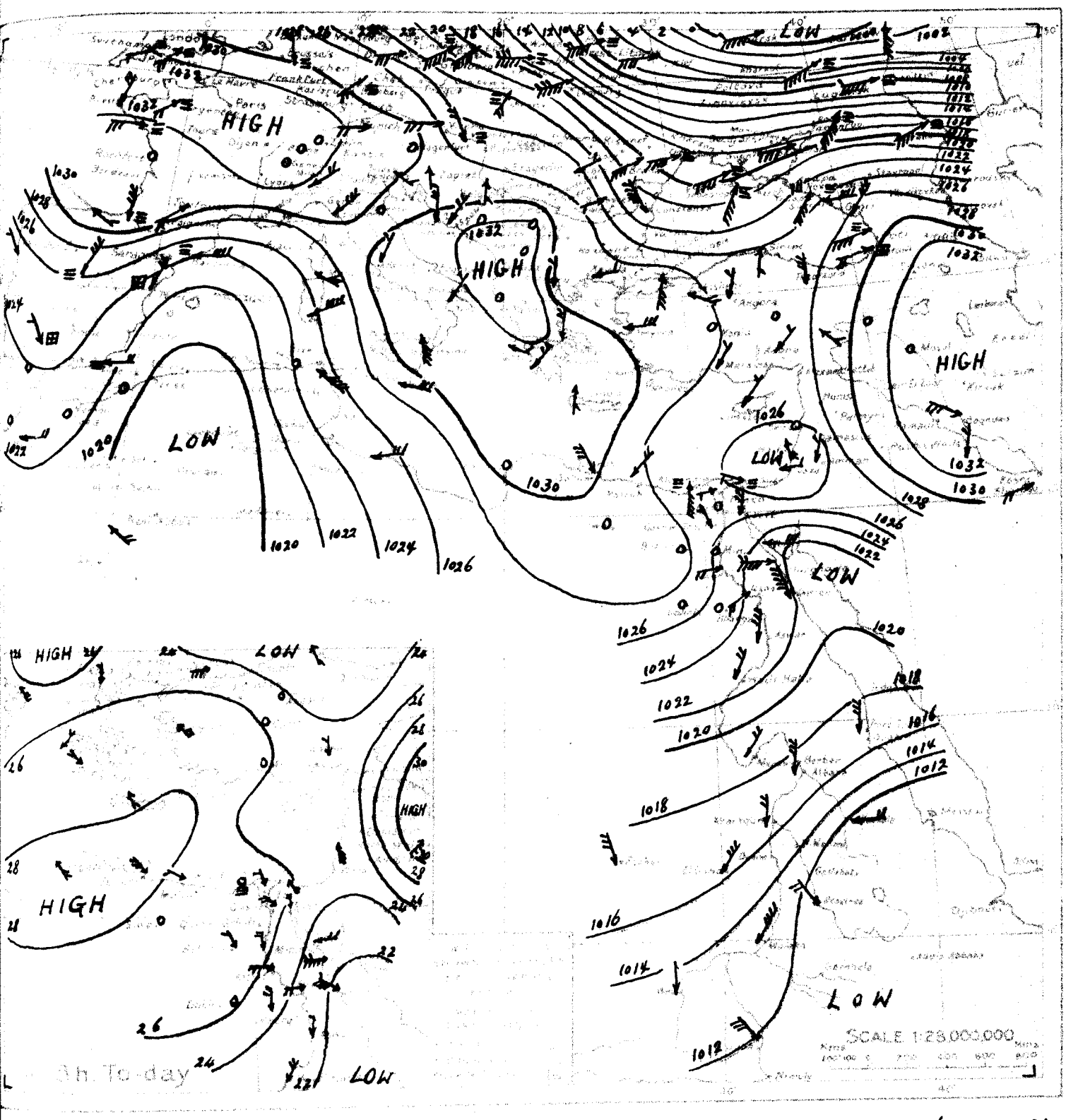
GAUGE	Date	Reading	Diff. from normal	Rise	Reading	
	1931	m	m		m	
Juba	26-12	13.68	+0.26		13.69	+0.26
Nasser	26-12	6.87	-1.21		7.02	-1.14
Malakal	26-12	11.64	-0.15		11.70	-0.11
Roseires	27-12	12.52	+0.03		12.54	+0.03
Sennar Res.	26-12	20.70	—		20.69	—
Makwar	26-12	5.07	-1.05		5.13	-1.01
Khartoum	25-12	11.30	-0.23		11.34	-0.22
Kh. el Girba						
Atbara	25-12	10.76	-0.20		10.76	-0.21
Wadi Halfa	27-12	2.60	-0.30		2.62	-0.29
Aswan Res.	27-12	110.40	—		110.13	—
" D.S.	27-12	85.83	-0.55		85.85	-0.55
El Leithi	27-12	18.04	-0.55		18.06	-0.54
Roda (Cairo)	27-12	14.66	-0.49		14.63	-0.57

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

١٩٣١ -١٢-٢٦ Barometer and Wind at 8 h. Yesterday 26 - 12 - 1931



8 h. To-day

WIND VELOCITY

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-89	10
Storm	90-103	11
Hurricane	above 104	12

STATE OF SKY

Clear	0
1/10	1
2/10	2
3/10	3
4/10	4
Half clouded	5
6/10	6
7/10	7
8/10	8
Mist or fog	9
Thunderstorm	0

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

Upper Wind
Khartoum
27 - 12 - 1931

H.T. mts.	VEL. K.P.H.	DIR.
500	35	NNW
1000	50	NNE
1500	30	NNE
2000	15	N
3000	25	SW

١٩٣١ -١٢-٢٦ From Observations taken at 8 h. yesterday 26 - 12 - 1931

	STATION	Barometer 0°	Diff. from normal	Temp. Fahr.	Wind Dir.	Force	Cloud	Temperature Max.	Min.	Diff. from normal	Max. yesterday	Diff. from normal	Min. today	Diff. from normal	Humidity At 8 h.	Diff. from normal	Rainfall Past 24 hours	Total since 1st Jan.	Total yesterday	S&A
		mm	mm	°F				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MEDITERRANEAN	ROME	1030·7	-5·9	+14·8	NE	1	1	-1	+1	—	9	—	-4	—	80	—	—	—	307	—
	MALTA	1028·3	-4·9	+10·9	ESE	3	4	14	+1	—	15	-1	13	+2	80	—	0	156	218	2
	ATHENS	1030·2	-3·4	+12·6	N	2	0	0	0	—	—	—	—	—	80	—	—	—	164	—
	CANDIA									—					—	—				
	LIMASSOL	1026·3	-0·7	+8·7	NNE	1	0	11	+4		14	-4	3	-5	—	—	0	35	180	3
EGYPT and SUDAN	Meiowe مروى	1019·6	+0·1	+2·8	NE	2	0	14·5	0·0	-4·0	28	-2	10	-3	34	-4	0	0	1	—
	El Fasher الفاشر	1016·0	-1·5	—	NNW	3	0	13·0	-2·0	-2·5	31	0	9	-1	25	-10	0	0	8	—
	Wau واو	1013·4	+2·0	+2·2	N	—	0	20·5	-4·5	-5·2	36	0	18	+1	19	-34	0	181	146	—
	Juba جوبا	1012·2	+1·0	—	NW	3	1	25·0	-1·5	—	35	—	18	—	47	—	0	134	139	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 50

" " sunset 17 03

From Observations taken at 8h. to-day.

Monday 28th December, 1931 — الاثنين ٢٨ ديسمبر ١٩٣١

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Amount	Rainfall Duration	Rainfall Date	SEA
							°C	°C		°C		°C		%		mm	hr		
SOLLUM	1028.0	−1.5	+9.9	W	1	3	8.1	+1.7		17		5		79		0	35		—
MERSA MATRUH	1027.2	−0.2	+8.6	ENE	2	0	15.2	+2.8	+3.3	17	−2	11	+2	70	−7	0	28	64	2
ALEXANDRIA	1027.9	+0.5	+8.9	—	0	4	13.2	+0.5	−0.5	20	+1	11	0	64	−11	0	20	91	0
PORT SAID	1026.8	+0.1	+9.4	ENE	4	0	14.7	+4.7	+0.6	17	−2	8	−3	44	−33	0	15	30	3
[illegible]	—	—	—	SE	1	0	6.7	−2.0	−5.6	14	−5	4	−5	50	−24	0	131	158	
[illegible]	1028.0	+2.4	+11.6	SSE	1	0	10.2	+0.3	−3.6	14	−5	6	−3	52	−16	0	156	283	2
[illegible]	1027.1	−0.3		N	1	0	10.5	+4.5		18		6		67		0	6		
[illegible]	1026.7	−0.1	+7.7	—	0	0	5.2	−1.2	−4.9	18	−2	3	−4	68	−13	0	6	10	
[illegible]	1026.7	0.0	+6.8	—	0	0	3.2	−0.9	—	17	−2	0	−7	97	—	0	8	8	
[illegible]	1026.2	+0.2	+7.6	NE	3	0	8.5	+1.0	−2.3	16	−3	6	−2	44	−24	0	7	8	
[illegible]	1026.0	−1.5	+6.2	—	0	2	5.1	+1.3	−3.5	19	0	4	0	71	+1	0	drops	3	
[illegible]	1026.7	+1.2	+7.8	N	2	0	8.0	+1.0	−4.9	16	−4	5	−5	65	−10	0	drops	14	1
[illegible]	1023.8	+1.5	+5.7	NNE	3	0	6.8	−1.9	−6.5	19	−2	2	−7	46	−13	0	0	9	3
[illegible]	1024.3	+1.7		W	6	0	12.3	−0.2		19		7		52		0	0		4
[illegible]	1023.1	+1.9		WNW	5	0	16.0	0.0		20		12		47		0	0		4
[illegible]	1026.2	+0.2	+6.8	NW	1	0	5.6	−2.9	−3.8	17	−3	3	−3	75	−5	0	0		
[illegible]	1025.1	−1.5		NNW	1	0	3.0	−4.0	−7.3	17	−3	0	−7	91	+11				
[illegible]	1026.3	+0.5	+5.9	W	2	0	4.5	−2.9	−5.5	17	−3	2	−5	73	+1	0	0		
[illegible]	1025.5	+2.0		NNW	1	1	6.8	−0.7	−4.6	21	−2	2	−6	57	−9				
[illegible]	1025.0	+0.4		—	0	4	5.2	−5.7		19		4		75		0	0		
[illegible]	1023.6	+0.9	+4.5	—	0	1	9.3	+0.3	−4.0	20	−4	4	−4	51	−2				
[illegible]	1022.3	−0.1	+3.1	—	0	0	6.4	−1.6	−5.8	19	−5	2	−6	37	−15				
[illegible]	1020.8	−0.4	+4.0	NE	1	0	12.5	0.0	−5.8	25	−5	8	−5	28	−10	0	0	1	
[illegible]	1018.3	−0.1	+4.0	NNW	2	0	14.1	−0.4	−5.0	26	−4	11	−4	23	−14	0	16	5	
[illegible]	1018.3	+1.6	+2.8	N	4	1	22.5	0.0	−1.6	26	−1	18	−2	43	−24	0	167	87	4
[illegible]	1014.7	+2.0	+2.0	NE	2	0	19.0	0.0	−4.1	31	−3	15	−1	81	+20	0	8	11	
[illegible]	1012.8	0.0	+0.9	NW	2	0	20.5	+0.5	−1.7	32	−4	16	0	37	−8	0	67	37	
[illegible]	1017.6	+1.3		NW	2	0	10.5	−1.5	−4.9	25	−6	5	−5	34	−1	0	0	8	
[illegible]	1017.9	−0.3	+2.1	NE	3	0	14.2	+0.2	−4.4	24	−6	7	−4	31	−6	0	9	19	
[illegible]	1014.7	0.0	+3.2	NNE	5	0	21.2	−0.8	−3.0	31	−5	16	−1	31	+2	0	92	93	
[illegible]	1013.9	+0.4		NW	3	2	23.5	−0.9		37		16		43		0	134	140	

[illegible] Observations

8.30

50	ENE
40	NE
20	NE
20	NNE
25	NNE

General Situation

A system of high pressure extends from northern Iraq towards Egypt.
The Mediterranean depression is now centred over Italy.

تمتد منطقة من الضغط العالى مابين شمال العراق ومصر ويقع الآن انخفاض البحر الابيض المتوسط على ايطاليا.

Forecast for 24 hours from noon to day.

Winds chiefly northeasterly, light on the coast, moderate to fresh inland.
Clear or occasional high cloud.
Temperature about normal.

رياح شمالية شرقية فى الغالب خفيفة على الساحل ومابين المعتدلة والشديدة نوعا فى الداخل.
السماء صحو او ظهور بعض السحب العالى
درجة الحرارة حول المعدل.

STATION	Humidity Mean of Day: Yester day	Humidity Mean of Day: Diff from normal	Wet Bulb Temperature Mean of Day: Yester day	Wet Bulb Temperature Mean of Day: Diff from normal
	%		°C	
Alexandria	63	−2	11.4	−0.3
Ezbekiya	77	+6	7.7	−3.2
Giza	61	+6	7.0	—
Helwan	45	−15	6.2	−3.3

NOTE A dash means that figures are not available

Terms of Subscription By Inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

* Makwar river gauge reading for 11.12.31 published on December 12 & 13, 1931 should read 5.43 instead of 5.50 m.

ملاحظة – صحة قراءة النيلومتر بمقياس مكوار يوم ١١-١٢-٣١ المذكورة بتقريري يومي ١٢ و ١٣ ديسمبر ١٩٣١ هي ٥,٤٣ بدلا من ٥,٥٠ مترا.

Discharges at Aswan measured by sluices m 3 per sec

DATE	1931	1930
27.12	924	814
26.12	930	812

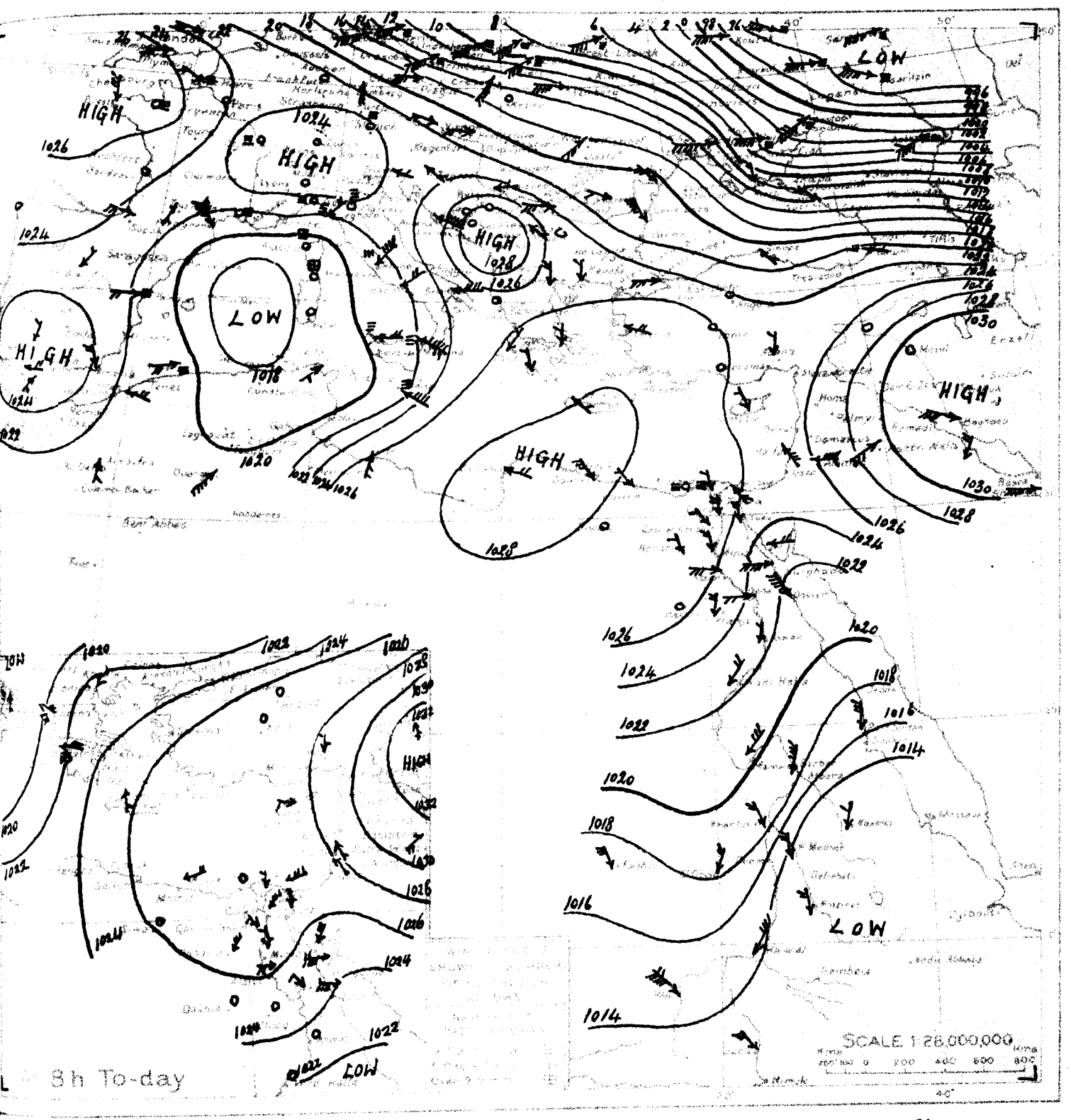
CAUSE	Date 1931	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba	27.12	13.64	+0.22	13.68	+0.26
Nasser	27.12	6.73	−1.23	6.87	−1.21
Malakal	27.12	11.57	−0.19	11.64	−0.15
Roseires	28.12	12.48	+0.02	12.52	+0.03
Sennar Res.	27.12	20.71	—	20.70	—
Makwar *	27.12	5.03	−1.07	5.07	−1.05
Khartoum	27.12	11.22	−0.28	11.24	−0.28
Kh. el Girba					
Atbara	27.12	10.74	−0.18	10.74	−0.20
Wadi Halfa	28.12	2.58	−0.31	2.60	−0.30
Aswan Res.	27.12	110.40	—	110.13	—
" D.S.	27.12	85.83	−0.55	85.85	−0.55
El Leithi	28.12	18.00	−0.58	18.04	−0.55
Roda (Cairo)	28.12	14.23	−0.47	14.66	−0.49

PRINTED AT THE SURVEY OF EGYPT 1930 (39/889/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٧ - ١٢ - ٣١. Barometer and Wind at 8 h. Yesterday 27.12.31.



WIND VELOCITY

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

STATE OF SKY

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Rain	5
Sand blize	6
Sand storm	7
Mist or fog	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

Upper Wind
Khartoum
28.12.31 Ac. 7th

H.T. met	VEL. K.P.H.	DIR.
500	30	N
1000	50	NE
1500	25	ENE
2000	10	NE
3000	30	SW
4000	30	SW
5000	15	W

٢٧ - ١٢ - ٣١. From Observations taken at 8 h yesterday 27.12.31.

	STATION	Barometer Reduced Sea Level	Barometer Change in 24 hours	Barometer Diff.	Wind Direction	Wind Force	Wind Sky	Temperature At 8 h	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1st to yesterday	Rainfall Normal from Oct. 1st to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1021.4	-9.3	+5.5	ENE	4	5	7	+8	—	9	—	-3	—	90	—	5	—	309	—
	MALTA	1020.0	-8.3	+2.6	SSE	4	4	16	+2	—	17	+1	15	+4	80	—	1	157	221	2
	ATHENS	1026.2	-4.0	+8.4	N	1	2	2	+2	—	—	—	—	—	90	—	—	—	166	—
	CANDIA									—					—	—				
	LIMASSOL	1026.0	-0.3	+8.4	NNW	1	1	11	0		16	-2	4	-4	—	—	0	35	184	2
EGYPT and SUDAN	Qasr el Gebali قوليت	1026.0	+0.1	+6.6	NW	1	0	8.5	-1.7	-0.9	17	-3	5	-1	79	-1	0	0	—	—
	Merowe مروة	1021.2	+1.6	+4.4	NE	3	0	12.5	-2.0	-5.9	27	-3	—	—	39	+1	0	0	1	—
	Atbara الفطرة	1018.3	+1.3	+3.4	N	4	0	17.5	-1.0	-2.8	27	-4	14	0	61	+23	0	0	1	—
	Kassala كسلا	1012.7	+0.9	0.0	N	1	0	19.0	-4.0	-4.1	31	-3	13	-3	63	+2	0	8	11	—
	Wad Medani ودمدني	1012.6	-1.3	-0.7	N	3	0	23.5	+4.0	+1.8	36	+2	17	+1	53	+14	0	11	13	—
	Juba جوبا	1013.5	+1.3	—	NW	3	1	24.4	-0.6	—	34	—	17	—	46	—	0	134	140	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WEA

CAIRO, to-morrow

Time of sunrise 06 51

" " sunset 17 04

From Observations taken at 8h. to-day.

Tuesday 29th December 1931 ١٩٣١ الثلاثاء ٢٩ ديسمبر

STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Max.	Temperature Diff from normal	Temperature Min.	Temperature Diff from normal	Humidity At 8h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Total since 1st Sept.	Rainfall Total last year to date	Sea
							°C	°C	°C	°C	°C	°C	°C			mm.	mm.	mm.	
MED. SEA: SOLLUM	1022.8	-5.2	+4.7	WSW	3	4	10.1	+2.0		19		8		63		0	35	—	—
MATRUH	1022.8	-4.4	+4.2	ENE	2	3	12.6	-2.6	+0.8	16	-2	10	+1	68	-10	0	28	65	1
ALEXANDRIA	1022.6	-5.3	+3.6	SE	2	2	12.0	-1.2	-1.6	20	+1	10	0	66	-9	0	20	93	1
PORT SAID	1022.8	-4.0	+5.4	SW	3	0	8.4	-6.3	-5.6	18	-1	6	-5	67	-10	0	15	30	1
GAZA	—	—	—	—	0	0	5.1	-1.6	-7.1	15	-4	3	-5	66	-9	0	131	162	
RAFA	1024.7	-3.3	+8.3	SSE	2	0	10.3	+0.1	-3.4	17	-2	4	-5	36	-32	0	156	289	3
LOWER EGYPT: [illegible]	1022.3	-4.8		NNW	1	1	4.8	-5.7		19		3		90		0	6		
ZAGAZIG	1022.3	-4.4	+3.3	—	0	1	4.4	-0.8	-5.7	19	0	2	-5	65	-16	0	6	10	
[illegible]	1022.6	-4.1	+2.7	N	1	3	2.0	-1.2	—	18	-1	-1	-8	87	—	0	8	9	
HELWAN	1022.3	-3.9	+3.7	E	1	2	6.0	-2.5	-4.7	18	0	4	-4	35	-33	0	7	9	
[illegible]	1022.0	-4.0	+2.2	—	0	2	3.6	-1.5	-5.0	19	0	1	-3	72	+2	0	dr.	3	
RED SEA: SUEZ	1022.3	-4.4	+3.5	N	2	0	5.5	-2.5	-7.3	18	-2	4	-6	70	-5	0	dr.	14	1
TOR	1021.8	-2.0	+3.6	E	3	0	9.0	+2.2	-4.2	19	-2	4	-5	48	-11	0	0	9	3
HURGHADA	1021.6	-2.7		W	5	1	13.5	+1.2		19		6		51		0	0		3
QUSSEIR	1021.1	-2.0		W	5	0	16.3	+0.3		21		13		47		0	0		4
[illegible]	1022.4	-3.8	+2.9	NW	1	0	2.0	-3.6	-7.4	18	-2	1	-5	82	+2	0	0		
MINIA	1023.0	-2.1		N	1	0	2.0	-1.0	-8.2	18	-2	-1	-8	82	+2				
[illegible]	1023.1	-3.2	+2.7	SW	2	0	7.4	+2.9	-2.6	17	-3	2	-5	50	-22	0	0		
[illegible]	1022.6	-2.9		NNE	2	0	7.1	+0.3	-4.2	20	-3	3	-5	52	-14				
[illegible]	1021.6	-3.4		—	0	0	6.3	+1.1		18		4		55		0	0		
[illegible]	1021.1	-2.5	+2.0	NNE	1	1	10.0	+0.7	-3.2	22	-2	8	-2	58	+5				
[illegible]	1019.5	-2.8	+0.3	—	0	0	9.4	+3.0	-2.7	21	-3	6	-2	44	-8				
[illegible]	1016.7	-0.3	+1.8	ENE	2	0	19.5	+1.5	-0.6	27	-4	14	0	51	+13	0	0	1	
[illegible]	1017.0	-1.3	+2.7	NNW	2	0	16.6	+2.5	-2.4	28	-2	13	-2	31	-5	0	16	5	
[illegible]	1017.8	-0.5	+2.3	N	2	2	21.9	-0.6	-2.1	26	-1	18	-2	49	-18	0	167	88	2
[illegible]	1012.3	-0.5	+0.4	WNW	1	0	21.0	+0.5	-1.1	33	-3	16	0	41	-4	0	67	37	
[illegible]	1016.7	-0.9		NW	2	0	12.0	+1.5	-3.3	26	-5	4	-6	33	-2	0	0	8	
[illegible]	1015.0	+0.3	+3.4	NNE	4	0	22.2	+1.0	-2.0	32	-4	15	-2	43	+15	0	92	93	
[illegible]	1012.7	-1.7	+1.5	NNW	3	0	24.0	+0.2	-1.7	33	-3	19	+2	17	-34	0	181	146	
[illegible]	1014.2	+0.3		NW	2	0	22.5	-1.0		33		16		48		0	134	140	

Air Observations at 8 45

Force	Direction
10	ESE
15	E
10	ESE
20	E
15	S

General Situation

The high pressure over Egypt is weakening rapidly owing to the approach of a shallow depression now situated between Malta and Crete.

منطقة الضغط المرتفع على مصر آخذة في التضعضع بسرعة بالنسبة لاقتراب انخفاض قليل العمق يقع الآن ما بين مالطة وكريت.

Forecast for 24 hours from noon to day.

Light variable winds chiefly northerly, veering to southeast on the coast and becoming moderate, and to east inland. Some high cloud developing. Less cool tomorrow:

Further outlook: Milder.

رياح خفيفة مختلفة الاتجاه غالبا شمالية تتحول الى الجنوب الشرقي على الساحل وتعتدل وتتحول الى الشرق في الداخل. يأخذ السحب العالي في التكوين وتقل برودة الطقس غدا واذا نظرنا بعيدا فان الطقس سيعتدل.

STATION	Humidity Mean of Day Yesterday	Humidity Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Diff from normal
			°C	°C
Alexandria	63	-2	11.3	-0.3
Ezbekiya	61	-10	6.1	-4.7
Giza	77	+2	6.5	—
Helwan	29	-31	5.0	-4.5

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

X Nasser River Gauge Reading for 5.12.31 published on December 6 & 7, 1931 should read 9.75 instead of 9.85 m.

ملاحظة: صحة قراءة النهر لمقياس الناصر يوم ٥-١٢-٣١ المنشورة بتقريري يومي ٦ و ٧ ديسمبر هي ٩٫٧٥ بدلا من ٩٫٨٥ مترا.

Discharges at Aswan measured by sluices m.3 per sec

DATE	1931	1930
29.12	925	813
28.12	924	810

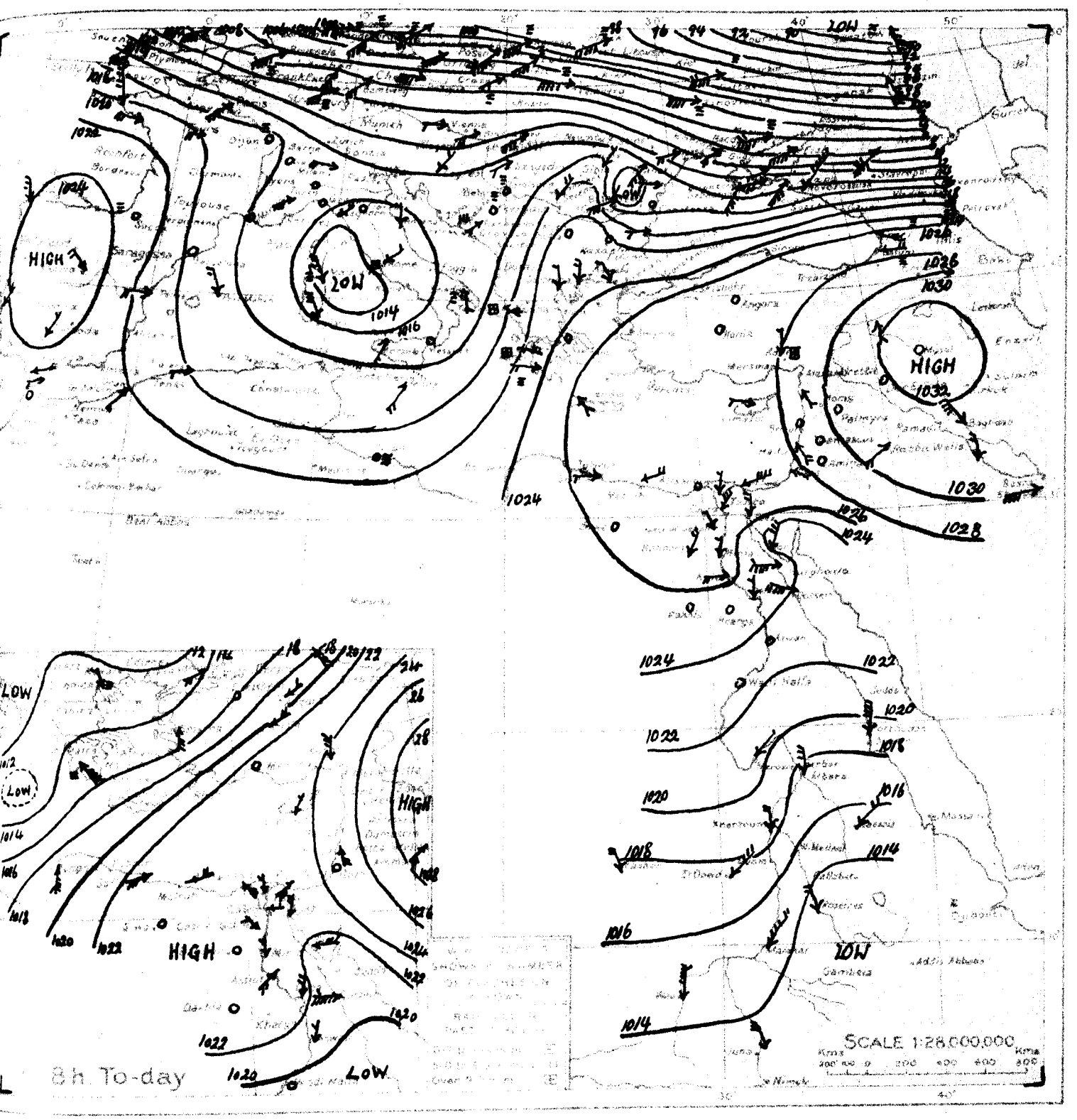
GAUGE	Date 1931	Reading m.	Diff. from normal m.	Previous Reading m.	Diff.
Juba	28.12	13.63	+0.21	13.64	+0.22
X Nasser	28.12	6.60	-1.29	6.73	-1.23
Malakal	28.12	11.51	-0.23	11.57	-0.19
Roseires	29.12	12.46	+0.02	12.48	+0.02
Sennar Res.	28.12	20.70	—	20.71	—
Makwar	28.12	5.08	-1.00	5.03	-1.07
Khartoum	28.12	11.24	-0.25	11.22	-0.28
Kn. el Girba	—	—	—	—	—
Atbara	28.12	10.65	-0.26	10.74	-0.18
Wadi Halfa	29.12	2.56	-0.32	2.58	-0.31
Aswan Res.	29.12	110.84	—	110.61	—
" D.S.	29.12	85.82	-0.51	85.82	-0.54
El Leithi	29.12	18.00	-0.57	18.00	-0.58
Roda (Cairo)	29.12	14.63	-0.42	14.63	-0.47

PRINTED AT THE SURVEY OF EGYPT 1930 (30/556)

PHYSICAL DEPARTMENT.

R REPORT.

٢٨-١٢-٣١. Barometer and Wind at 8 h. Yesterday 28.12.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٢٨-١٢-٣١. From Observations taken at 8 h. yesterday 28. 12. 31.

	STATION	Barometer Reduced to Sea Level	Barometer Change in last 24 hours	Barometer Diff. from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff. from normal	Temperature Maximum Yesterday	Temperature Diff. from normal	Temperature Minimum	Temperature Diff. from normal	Humidity At 8 h.	Humidity Diff. from normal	Rainfall Past 24 hours	Rainfall Total from Oct. 1 to yesterday	Rainfall Normal from Oct. 1 to yesterday	Sea
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1014.8	-6.6	-1.2	ENE	1	5	6	-1	—	8	—	4	—	90	—	19	—	312	—
	MALTA	1019.1	-0.9	+1.7	SSW	2	4	13	-3	—	17	+1	12	+1	80	—	0	157	224	1
	ATHENS	1024.0	-2.2	+6.2	—	0	4	8	+6	—	—	—	—	—	90	—	—	—	168	—
	CANDIA									—					—	—				
	LIMASSOL	1026.0	0.0	+8.4	WNW	1	1	11	0		17	-1	6	-2	—	—	0	35	187	2
EGYPT and SUDAN	Atbara عطبره	1017.0	-1.3	+2.1	N	3	0	18.0	+0.5	-2.2	27	-4	14	0	62	+24	0	0	1	—
	Wau واو	1014.4	-0.4	+3.2	N	6	0	23.8	+2.3	-1.9	—	—	19	+2	—	—	0	181	146	—

1417 F.C.

MINISTRY OF PUBLIC WO

DAILY WE

CAIRO, to-morrow

Time of sunrise 06 51

" " sunset 17 04

From Observations taken at 8 h. to-day.

Wednesday 30th December, 1931 ١٩٣١ الاربعاء ٣٠ ديسمبر

	STATION	Barometer Reduced to Sea Level	Barometer Change in past 24 hours	Barometer Diff from normal	Wind Direction	Wind Force	Sky	Temperature At 8 h.	Temperature Change in past 24 hours	Temperature Diff from normal	Temperature Maximum Yesterday	Temperature Diff from normal	Temperature Minimum	Temperature Diff from normal	Humidity At 8 h.	Humidity Diff from normal	Rainfall Past 24 hours	Rainfall Since 1st October	Rainfall Same period last year	SEA
		mm	mm	mm				°C	°C	°C	°C	°C	°C	°C	%	%	mm	mm	mm	
MED. TERRANEAN	SOLLUM	1017.6	-5.2	-0.6	SW	3	2	11.2	+1.1		17		10		59		0	35	—	—
	MATRUH	1017.8	-5.0	-0.8	SE	1	0	8.2	-4.4	-3.6	18	0	7	-2	75	-3	0	28	66	1
	ALEXANDRIA	1018.8	-3.8	-0.2	SSW	3	2	9.4	-2.6	-4.2	20	+1	8	-2	52	-23	0	20	95	2
	PORT SAID	1019.0	-3.8	+1.6	SW	3	2	9.0	+0.6	-5.0	17	-1	7	-4	53	-24	0	15	31	1
	GAZA	—	—	—	—	0	1	10.2	+5.1	-1.9	20	+1	5	-3	52	-23	0	131	166	
	HAIFA	1019.0	-5.7	+2.6	SSE	2	0	12.1	+1.8	-1.5	16	-3	6	-3	37	-31	0	156	296	3
EGYPT	TANTA	1019.0	-3.3		S	1	4	6.0	+1.2		19		5		63		0	6		
	MENZALEH	1019.2	-3.1	+0.2	S	1	2	7.0	+2.6	-3.0	19	0	4	-3	48	-33	0	6	11	
	ZAGAZIG	1019.4	-3.2	-0.5	SE	1	3	6.2	+4.2	—	20	+1	0	-6	59	—	0	8	9	
	SHIBIN EL KOM	1019.6	-2.7	+1.0	SE	1	3	8.9	+2.9	-1.8	18	0	6	-2	32	-36	0	7	9	
	SIWA	1017.2	-4.8	-2.6	—	0	4	5.3	+1.7	-3.2	19	0	2	-2	66	-4	0	dr.	3	
RED SEA	SUEZ	1019.4	-2.9	+0.6	N	1	1	8.0	+2.5	-4.8	17	-3	5	-5	59	-16	0	dr.	15	0
	TOR	1018.6	-3.2	+0.4	ENE	2	0	9.6	+0.6	-3.5	21	0	3	-6	43	-16	0	0	9	2
	HURGHADA	1018.7	-2.9		W	5	0	11.9	-1.6		21		6		68		0	0		3
	QUSSEIR	1018.7	-2.4		W	3	1	16.7	+0.4		22		13		59		0	0		2
UPPER EGYPT	KENEH																			
	WADI HALFA	1019.1	-3.7		SSW	1	0	5.0	+3.0	-5.2	19	-1	1	-6	69	-11				
	ASWAN	1021.0	-2.1	+0.6	W	2	0	5.8	-1.6	-4.1	20	0	4	-2	79	+7	0	0		
	SIUT	1019.6	-3.0		NNW	1	0	8.9	+1.8	-2.3	25	+2	6	-2	49	-17				
	ASSIUT	1019.9	-1.7		—	0	1	9.0	+2.7		23		6		58		0	0		
	MINIA	1019.0	-2.1		—	0	0	11.4	+1.4	-1.7	24	0	8	-2	59	+6				
	BENI SUEF	1018.8	-0.7	-0.4	—	0	0	10.6	+1.2	-1.5	24	0	5	-3	46	-6				
LOWER EGYPT	MANSURA																			
	DAMIETTA	1016.3	-0.4	+1.4	NE	2	0	20.0	+0.5	0.0	29	-2	15	+1	64	+27	0	0	1	
	MATARIEH	1017.5	+0.5	+3.2	NNW	1	0	16.5	-0.1	-2.4	30	0	14	-1	33	-3	0	16	5	
	CAIRO	1015.9	-1.9	+0.4	N	2	3	24.5	+2.6	+0.5	26	-1	21	+1	60	-7	0	167	89	2
	HELWAN	1012.4	+0.1	+0.5	NW	1	0	22.5	+1.5	+0.4	36	0	16	0	41	-4	0	67	37	
	ASYUT	1013.6	-1.4	+2.0	NNE	3	0	24.3	+2.1	+0.1	35	-1	18	+1	26	-2	0	92	93	

Wind Observations

Time	Direction
8 30	
25	SSW
35	SW
25	SW
20	WSW
25	SW

General Situation

The shallow depression is now situated between Port Said and Cyprus. Pressure over the central Mediterranean is again falling owing to a deep depression over Northern Italy.

يقع الانخفاض القليل العمق الآن ما بين بورسعيد وقبرص والضغط على أواسط البحر الأبيض المتوسط آخذ في الهبوط من أخرى بالسبب لوجود انخفاض عميق على شمال ايطاليا.

Forecast for 24 hours from noon to-day.

Light to moderate winds, inland southerly, on the coast south to west. Much medium and low cloud. Possibility of light rain in the north. Temperature about normal.

رياح ما بين الخفيفة والمعتدلة جنوبية في الداخل وما بين الجنوب والغرب على الساحل. يكثر السحب المتوسطة والواطئة ويحتمل أن تمطر خفيفاً في الشمال ودرجة الحرارة حول المعدل.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
	%	%	°C	°C
Alexandria	57	-8	11.3	-0.3
Ezbekiya	57	-14	5.8	-5.0
Giza	75	0	5.7	—
Helwan	24	-36	4.8	-4.7

NOTE A dash means that figures are not available

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" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

DATE	1931	1930
29.12	925	813
28.12	924	810

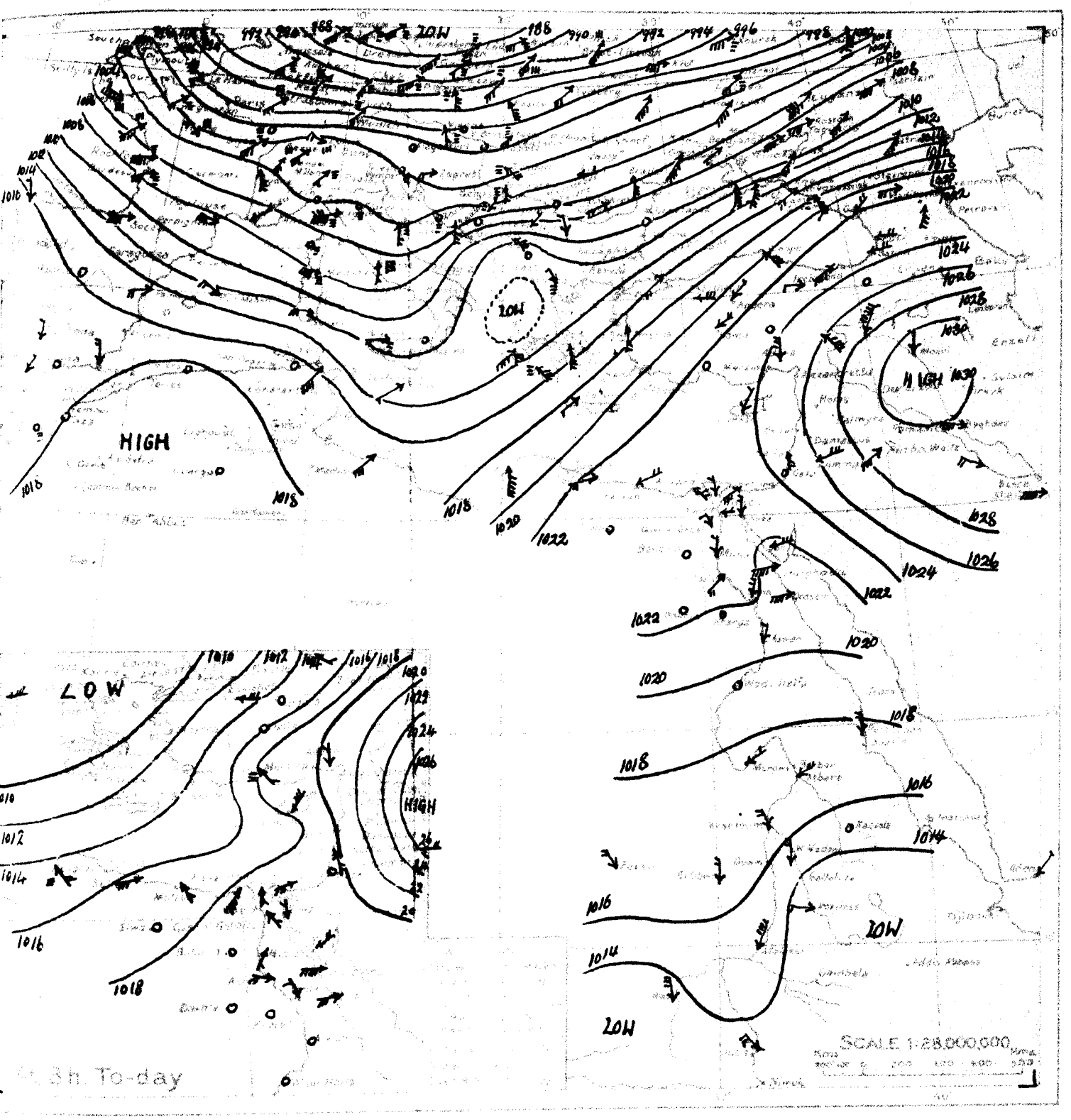
GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff from normal
	1931	m	m	m	m
Jube	29.12	13.62	+0.21	13.63	+0.21
Nasser	29.12	6.50	-1.31	6.60	-1.29
Malakal	29.12	11.48	-0.24	11.51	-0.23
Roseires	30.12	12.45	+0.03	12.46	+0.02
Sennar Res.	29.12	20.70	—	20.70	—
Makwar	29.12	5.12	-0.94	5.08	-1.00
Khartoum	29.12	11.24	-0.23	11.24	-0.25
Kh. el Girba	—	—	—	—	—
Atbara	29.12	10.65	-0.24	10.65	-0.26
Wadi Halfa	30.12	2.55	-0.32	2.56	-0.32
Aswan Res.	29.12	110.64	—	110.61	—
" D.S.	29.12	65.82	-0.51	65.82	-0.54
El Leithi	30.12	17.99	-0.57	18.00	-0.57
Roda (Cairo)	30.12	14.63	-0.37	14.63	-0.42

PRINTED AT THE SURVEY OF EGYPT 1930(29/584/1) 1930 (30/556)

PHYSICAL DEPARTMENT.

REPORT.

٢٩-١٢-٣١ Barometer and Wind at 8 h. Yesterday 29.12.31.



8 h. To-day

WIND VELOCITY

	Km/h	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-19	3
Moderate	20-28	4
Fresh	29-38	5
Strong	39-49	6
Very strong	50-61	7
Gale	62-75	8
Strong gale	76-87	9
Whole gale	88-102	10
Storm	103-117	11
Hurricane	above 117	12

STATE OF SKY

Clear	0
Fair	1
Partly cloudy	2
Cloudy	3
Overcast	4
Fog	5
Showers	6
Snow	7
Mist	8
Thunderstorm	9

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Phenomenal	8
Confused	9

٢٩-١٢-٣١ From Observations taken at 8 h yesterday 29.12.31.

	STATION	Barometer Sea Level	Temperature Air	Temperature Dew Point	Wind Direction	Wind Force	Cloud	Temperature Air	Temperature Dew Point	Temperature Sea Surface	Temperature Diff. from normal	Temperature Max.	Temperature Min.	Temperature Diff. from normal	Humidity Air	Humidity Diff. from normal	Rainfall Day	Rainfall Total since 1st Oct.	Rainfall Total since 1st Jan.	Sea
		mm	°C	°C				°C	°C	°C	°C	°C	°C	°C	%		mm	mm	mm	
MEDITERRANEAN	ROME	1006.4	-8.4	-9.6	S	1	0	8	+2	—	10	—	5	—	90	—	11	—	315	—
	MALTA	1013.2	-5.9	-4.2	WSW	1	4	12	-1	—	17	-1	11	0	70	—	0	157	227	1
	ATHENS	1014.4	-9.6	-3.5	S	4	4	15	+7	—	—	—	—	—	70	—	—	—	170	—
	CANDIA									—					—	—				
	LIMASSOL	1023.9	-2.1	+6.3	NE	1	4	13	+2		17	-1	9	+1	—	—	0	35	191	4
EGYPT and SUDAN	Merowe مروى	1017.5	-3.3	+0.7	NE	1	0	15.5	+3.0	-2.7	28	-2	10	-3	31	-7	0	0	1	—
	Kassala كسلا	1014.6	-0.1	+1.9	—	0	0	19.5	+0.5	-3.5	32	-2	14	-2	72	+11	0	8	11	—
	Wad Medani ود مدني	1014.0	-2.0	+0.7	N	2	0	19.3	+2.1	-2.3	32	-2	13	-3	33	-6	0	11	13	—
	El Obeid الأبيض	1016.6	-1.3	+0.8	N	2	0	16.7	+2.5	-1.8	26	-4	8	-3	34	-3	0	9	19	—

1417 F.C.

MINISTRY O[redacted]
DA[redacted]

CAIRO, to-morrow

Time of sunrise 06 57

" " sunset 17 05

From Observations taken at 8h. to-day.

Thursday 31st December, 1931 ١٩٣١ الخميس ٣١ ديسمبر

	STATION	BAROMETER Reduced to Sea Level	BAROMETER Change in past 24 hours	BAROMETER Diff from normal	WIND Direction	WIND Force	SKY	TEMPERATURE At 8 h. °C	TEMPERATURE Change in past 24 hours °C	TEMPERATURE Diff from normal °C	TEMPERATURE Maximum Yesterday °C	TEMPERATURE Diff from normal °C	TEMPERATURE Minimum °C	TEMPERATURE Diff from normal °C	HUMIDITY At 8 h. %	HUMIDITY Diff from normal %	RAINFALL Past 24 hours m.m.	RAINFALL Total from Oct. 1 to yesterday m.m.	RAINFALL Normal from Oct. 1 to yesterday m.m.	SEA
MEDITERRANEAN	SOLLUM	1016.8	-0.8	-1.4	SSW	6	3	14.6	+3.4	—	19		13		34		0	35	—	—
	MATRUH	1019.1	+1.3	+0.5	SW	3	0	12.2	+4.0	+0.5	19	+1	7	-2	59	-19	0	28	67	2
	ALEXANDRIA	1021.2	+2.4	+2.2	SW	1	0	11.2	+1.8	-2.4	18	-1	9	-1	54	-21	0	20	97	1
	PORT SAID	1021.6	+2.6	+4.2	SW	3	0	8.2	-0.8	-5.7	17	-1	7	-3	69	-8	0	15	31	0
	GAZA	—	—	—	—	0	0	9.7	-0.5	-2.4	20	+1	6	-2	70	-5	0	131	171	
	HAIFA	1020.6	+1.6	+4.2	—	0	0	11.5	-0.6	-2.0	19	0	7	-2	55	-13	0	156	302	2
LOWER EGYPT	TANTA	1021.6	+2.6		SE	1	0	7.0	+1.0		19		5		49		0	6		
	CAIRO EZBEKIYA	1022.0	+2.8	+3.0	S	1	0	5.9	-1.1	-4.1	19	0	4	-3	57	-24	0	6	11	
	GIZA	1021.9	+2.5	+2.0	—	0	0	6.4	+0.2	—	18	-1	2	-4	65	—	0	8	9	
	HELWAN	1022.0	+2.4	+3.4	SE	1	0	9.5	+0.6	-1.1	17	-1	7	-1	29	-39	0	7	9	
	SIWA	1017.8	+0.6	-2.0	—	0	0	8.9	+3.6	+0.4	21	+2	2	-2	44	-26	0	dr.	3	
RED SEA	SUEZ	1022.4	+3.0	+3.6	N	2	0	8.0	0.0	-4.8	18	-2	7	-3	59	-16	0	dr.	15	1
	TOR	1019.5	+0.9	+1.3	E	3	0	10.2	+0.6	-2.9	21	0	7	-2	60	+1	0	0	9	3
	HURGHADA	1020.6	+1.9		W	5	0	13.7	+1.8		22		8		55		0	0		3
	QOSSEIR	1019.8	+1.1		WNW	4	0	16.6	-0.1		24		13		47		0	0		3
UPPER EGYPT	GEBAL																			
	MINYA	1021.4	+2.3		ENE	1	0	4.0	-1.0	-6.2	19	-1	1	-6	67	-13				
	ASSIUT	1022.7	+1.7	+2.3	WSW	2	0	6.8	+1.0	-3.1	20	0	3	-3	60	-12	0	0		
	QENA	1021.5	+1.9		N	2	0	8.8	-0.1	-2.4	25	+2	5	-3	50	-16				
	KHARGA	1021.8	+1.9		—	0	0	8.2	-0.8		23		5		49		0	0		
	ASWAN	1020.6	+1.6	+1.4	—	0	0	11.3	-0.1	-1.7	24	0	9	-1	57	+4				
NILE VALLEY	WADI HALFA	1020.2	+1.4	+1.0	—	0	0	9.8	-0.8	-2.2	24	0	5	-3	50	-2				
	MEROWE	1018.2	+0.8	+1.4	NE	1	0	16.5	0.0	-1.5	30	0	11	-1	29	-9	0	0	1	
	ATBARA	1016.0	-0.3	+1.1	N	3	0	21.0	+1.0	+1.1	31	0	16	+2	41	+4	0	0	1	
	KHARTOUM	1016.6	-0.9	+2.3	N	2	0	18.0	+1.5	-0.9	30	0	16	+1	23	-13	0	16	5	
SUDAN	PORT SUDAN	1015.9	0.0	+0.4	N	2	1	24.8	+0.3	+0.8	28	+1	23	+3	74	+7	0	167	90	2
	SENNAR	1014.6	0.0	+1.9	—	0	0	30.0	0.0	-2.9	32	-2	14	-2	68	+7	0	8	11	
	KASR EL DAIM																			
	ROSEIRES	1013.8	+1.4	+1.9	NW	1	0	21.5	-1.0	-0.6	36	0	16	0	32	-13	0	67	37	
	EL FASHER	1014.6	-1.2		N	2	0	14.0	-2.3	-1.2	33	+2	10	0	28	-7	0	0	8	
	EL OBEID	1015.6	-1.1	-0.2	N	1	0	17.6	+0.3	-0.8	30	0	9	-2	30	-6	0	9	19	
	MALAKAL																			
	WAU																			
	KURMUK																			

Upper Air Observations at noon at 8 30

Alt.	Kms an hour	Direction
500	10	SW
1000	15	NW
1500	20	NW
2000	20	NW
3000	30	WNW

General Situation

Following the passage of the shallow depression, pressure over Egypt has risen, but there is a deep depression between Sardinia and Sicily, and pressure west of Egypt is falling rapidly.

الحالة الجوية

ارتفع الضغط على مصر على أثر مرور الانخفاض الضحل ولكن يوجد انخفاض آخر عميق يقع ما بين جزيرتي سردينيا وصقلية والضغط في غرب مصر آخذ في الهبوط.

Forecast for 24 hours from noon to-day.

Southerly winds light to moderate inland, moderate on the coast, freshening tomorrow. Clear or occasional high cloud. Mild.

التوقعات للمدة ٢٤ ساعة من الظهر اليوم

رياح جنوبية ما بين الخفيفة والمعتدلة في الداخل ومعتدلة تشتد قوتها غدا على الساحل. السماء صحو أو تظهر بها بعض السحب العالية ودرجة الحرارة معتدلة.

STATION	Humidity Mean of Day Yesterday	Humidity Mean of Day Diff from normal	Wet Bulb Temperature Mean of Day Yesterday	Wet Bulb Temperature Mean of Day Diff from normal
Alexandria	52	-13	8.4	-3.1
Ezbekiya	43	-28	6.5	-4.3
Giza	55	-20	6.4	—
Helwan	21	-39	5.8	-3.7

NOTE A dash means that figures are not available

Terms of Subscription By inland Post, P.T. 100 annually
" " Abroad P.T. 150 "

Remarks

Discharges at Aswan measured by sluices m 3 per sec.

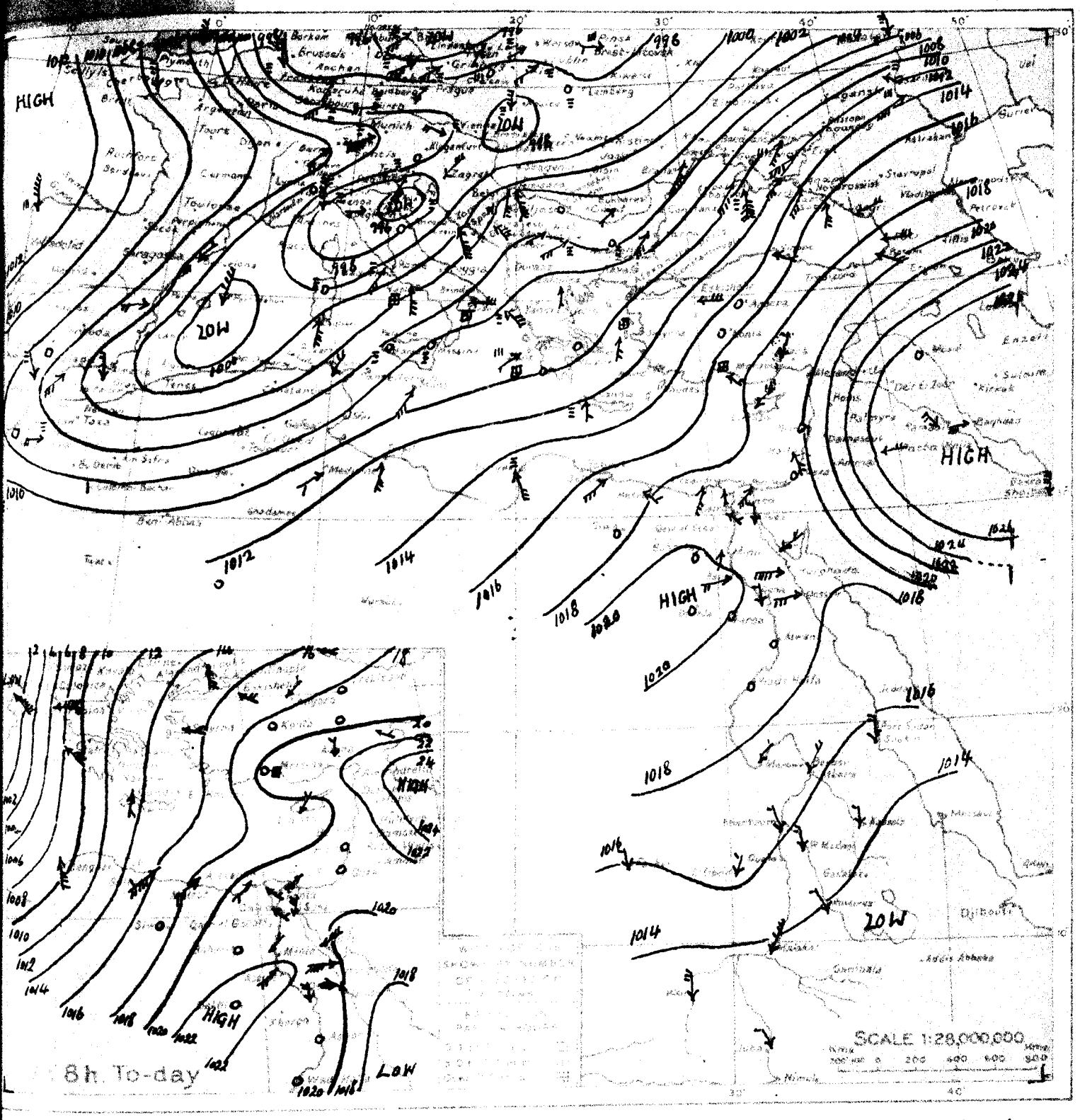
DATE	1931	1930
30.12	925	814
29.12	925	813

GAUGE	Date	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
	1931	m	m	m	m
Juba	30.12	13.62	+0.21	13.62	+0.21
Nasser	29.12	6.50	-1.31	6.60	-1.29
Malakal	30.12	11.41	-0.29	11.48	-0.24
Roseires	31.12	12.44	+0.03	12.45	+0.03
Sennar Res.	30.12	20.70	—	20.70	—
Makwar	30.12	5.00	-1.04	5.12	-0.94
Khartoum	31.12	11.22	-0.23	11.24	-0.22
Kh. el Girba	—	—	—	—	—
Atbara	30.12	10.65	-0.24	10.65	-0.24
Wadi Halfa	30.12	2.55	-0.32	2.56	-0.33
Aswan Res.	30.12	111.05	—	110.84	—
" D.S.	30.12	85.80	-0.51	85.82	-0.51
El Leithi	31.12	17.97	-0.56	17.99	-0.57
Roda (Cairo)	31.12	14.57	-0.33	14.63	-0.37

PRINTED AT THE SURVEY OF EGYPT [illegible] 1930 (30/556)

DEPARTMENT.

[illegible]-٣٠ Barometer and Wind at 8 h. Yesterday 30.12.31.



WIND VELOCITY

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

STATE OF SKY

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

STATE OF SEA

Calm	0
Smooth	1
Slight	2
Moderate	3
Rough	4
Very rough	5
High	6
Very high	7
Precipitous	8
Confused	9

٣٠-١٢-٣١. From Observations taken at 8 h. yesterday 30.12.31

	STATION	BAROMETER: Reduced to Sea Level	BAROMETER: Change in past 24 hours	BAROMETER: Diff. from normal	WIND: Direction	WIND: Force	SKY	TEMPERATURE: At 8 h.	TEMPERATURE: Change in past 24 hours	TEMPERATURE: Diff. from normal	TEMPERATURE: Maximum Yesterday	TEMPERATURE: Diff. from normal	TEMPERATURE: Minimum	TEMPERATURE: Diff. from normal	HUMIDITY: At 8 h.	HUMIDITY: Diff. from normal	RAINFALL: Past 24 hours	RAINFALL: Total from Oct. 1 to yesterday	RAINFALL: Normal from Oct. 1 to yesterday	SEA
		m.b.	m.b.	m.b.				°C	°C	°C	°C	°C	°C	°C	%		m.m.	m.m.	m.m.	
MEDITERRANEAN	ROME	1000.7	-5.7	-15.5	SSW	3	4	10	+2	—	11	—	8	—	80	—	Dr.	—	318	—
	MALTA	1009.2	-3.9	-8.1	SSW	3	1	12	0	—	15	-1	11	0	60	—	0	157	230	1
	ATHENS	1008.6	-5.8	-9.3	—	0	5	12	-3	—	—	—	—	—	90	—	—	—	172	—
	CANDIA									—					—	—				
	LIMASSOL	1018.2	-5.7	+0.6	NE	3	4	13	0		17	0	10	+3	—	—	0	35	195	6
EGYPT and SUDAN	Merowe مروى	1017.4	-0.1	+0.6	NE	1	0	16.5	+1.0	-1.6	30	0	11	-1	33	-5	0	0	1	—
	Kassala كسلا	1014.6	0.0	+1.9	N	1	0	20.0	+0.5	-3.0	32	-2	15	-1	72	+11	0	8	11	—
	Wad Medani وادمدنى	1014.7	+0.7	+1.3	N	2	0	20.2	+0.9	-1.3	34	0	14	-2	39	0	0	11	13	—
	El Fasher الفاشر	1015.8	-0.9	—	NNW	1	0	16.3	+4.3	+1.0	30	-1	7	-3	22	-13	0	0	8	—
	El Obeid الأبيض	1016.7	+0.1	+0.9	NNE	1	0	17.3	+0.6	-1.2	28	-2	11	0	20	-16	0	9	19	—
	Nau واو	1013.1	+0.4	+1.9	N	3	0	21.0	-3.0	-4.7	36	0	16	-1	53	+2	0	181	146	—
	Juba جوبا	1013.6	-0.6	—	NW	1	1	25.5	+3.0	—	34	—	21	—	41	—	0	134	140	—

CORRECTIONS TO THE DAILY WEATHER REPORT.

Issued by the Physical Dept., Ministry of Public Works, Cairo.

Month of DECEMBER 1931.

Printed at the Survey Dept., Giza

STATION	DATE	Please substitute the following figures for those printed in the DAILY WEATHER REPORT.		STATION	DATE	Please substitute the followign figures for those printed in the DAILY WEATHER REPORT.	
		Column	Correct value			Column	Correct value
Tanta	1	Barometer	1018'7	Kassala... ...	17	Maximum	—
,,	2	Maximum	23	Roseires ...	18	Wind direction	—
,,	3	Wind direction	WSW	,,		Wind force	0
Minya		,,	SE	Tanta	20	Minimum	7
El Obeid ...	4	Minimum	14	El Fasher ...	21	Maximum	—
El Fasher ...	5	8 h. temp.	—	Siwa	22	Maximum	—
,,		Humidity	—	El Obeid ...		Minimum	12
Tanta	6	Rainfall	0	Siwa	23	Rainfall	0
Kassala... ...	7	Maximum	—	Kharga		Minimum	10
Kassala... ...	8	Maximum	—	Roseires ...		Maximum	37
Port Said ...	9	Maximum	19	Atbara	24	State of sky	0
Kassala... ...	10	Maximum	—	Alexandria ...	26	Wind direction	E
Kharga	11	8 h. temp.	13'9	Kharga		Maximum	18
,,		Humidity	55	Wau		Wind force	8
Kassala... ...		Maximum	—	,,		Humidity	—
Alexandria ...	12	Maximum	26	El Fasher ...	27	Maximum	22
Minya		Wind direction	SSE	Malakal... ...		Maximum	33
Wau	13	8 h. temp.	27'0	,,		Minimum	17
,,		Humidity	52	Wau	28	Maximum	32
Alexandria ...	14	Wind direction	NW	Alexandria ...	29	State of sky	4
Kassala... ...		Maximum	—	Tor		State of sky	8
Atbara	15	Wind direction	E	Alexandria ...	30	State of sky	4
Kassala... ...		Maximum	—	Tor		State of sky	8
El Fasher ...		Maximum	—	,,		Minimum	5

Ministry of Public Works, Egypt.—Physical Department.

REPORT ON THE WEATHER AND STATE OF THE RIVER FOR DECEMBER, 1931.

The Weather.

The weather of December was characterised by a heat wave which was experienced during the latter part of the second week, and an intense cold spell lasting several days towards the end of the month.

On the 1st Egypt was an area of high pressure, with low pressure to the north and a depression over the central Mediterranean. On the following day the shallow depression north of Egypt deepened and cool northwest winds brought showers on the coast. The Mediterranean depression arrived near Cyprus on the 4th and became much deeper. Its passage caused strong northwest winds and heavy rain in the northern part of Egypt; 8 millimetres were recorded at Alexandria during the night. By the 7th the pressure rose considerably and with light winds blowing from an easterly quarter the weather became settled, mild by day and cold at night. On the 10th a deep depression appeared near Malta with a well-developed gradient of pressure towards Egypt. Winds veered to the south and the weather became much warmer. The approach of this depression caused the temperature in Egypt to rise 8° or 9° C. above normal. Westerly winds reached Egypt on the 14th and the temperature fell rapidly and by the following day was below normal. There were very light showers throughout Lower Egypt. Cool weather was maintained until the 19th but was followed by a short spell of warm weather accompanying the approach of a depression which reached Cyprus on the 22nd when northerly winds arriving in Egypt caused a sharp fall in temperature, and abnormally cool weather prevailed until the end of the month. Light showers occurred in a few places. The cold wave penetrated throughout Egypt and the Sudan. Night temperatures especially were abnormally low, being 8°C. below the normal at some stations.

In the early mornings of 28th, 29th and 30th the minimum temperature at Giza fell slightly below freezing point, while the grass minimum recorded 3°C. below zero, and hoar frost was observed. Minya and Fayoum also registered air temperatures a degree below freezing point. At several stations new records of low night temperatures were established.

For the month as a whole the barometric pressure was much above normal in Egypt, especially in Lower Egypt, and below normal in the Sudan except in the extreme south, where it was about normal. In spite of the very cold weather of the last week the mean temperature for the month was everywhere above normal except in Middle Egypt, where it was normal. The humidity at Helwan was much below normal, being only 46 per cent compared with a normal of 60 per cent, and was in defect on 22 days. Rainfall was very slight; on the Mediterranean coast it reached only a quarter of the normal amount, and inland was almost negligible. On the other hand, very heavy rain occurred at Port Sudan, more than double the usual amount being recorded.

TABLE SHOWING THE DEPARTURES FROM NORMAL FOR DECEMBER, 1931.

DISTRICTS.	Barometric Pressure.		Temperature.						Rainfall.	
			Maximum.		Minimum.		Max.+Min.			
	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.	1931.	Difference from Normal.
	mb.	mb.	°C.	°C.	°C.	°C.	°C.		mm.	mm.
I. Mediterranean	1020·8	+2·8	21·0	+0·6	12·4	+0·2	16·7	+0·4	9	— 25
II. Middle Egypt	1021·1	+1·8	21·1	+0·7	8·3	—0·6	14·7	0·0	1	— 6
III. Upper Egypt	1020·0	+0·8	24·7	+0·8	9·1	—0·2	16·9	+0·3	0	— 2
IV. North Sudan	1013·9	—0·5	32·5	+0·7	17·0	+1·5	24·8	+1·1	0	0
V. Red Sea*	1015·8	+0·6	28·5	+0·3	21·3	0·0	24·9	+0·2	68	+ 38
VI. Central Sudan	1011·5	—1·8	34·6	+0·7	16·2	+1·4	25·4	+1·0	0	0
VII. South Sudan	1011·2	0·0	36·2	+0·7	18·8	+1·2	27·5	+1·0	2	— 3

* Port Sudan only.

NOTE.—1,000 millibars is equivalent to 750·1 millimetres at 0°C. and mean gravity.

L. J. SUTTON,
Director, Meteorological Service

State of the River.

Lake Albert at Butiaba rose one centimetre during December. Its level on January 1st 1932 was 78 cms. above normal and 47 cms. above that of the corresponding day of last year.

The Bahr el Jebel at Juba was almost steady throughout the month. The levels were above both the normal and last year's.

River Sobat at Nasser fell much faster than normally. The levels which were above normal at the beginning of the month were much below it at the end.

The White Nile at Malakal fell at normal rate during the first three weeks and more rapidly thereafter.

The Blue Nile at Roseires fell at normal rate throughout the month. The levels were a few centimetres above normal. At Khartoum the Blue Nile was almost steady during the first ten days and fell at normal rate thereafter.

The Main Nile at Wadi Halfa fell at almost normal rate throughout the month. The levels were below normal but above last year's.

The differences of the mean levels in December 1931 from those of December 1930 and from the normal 1906–1930 were :—

STATION.	MEAN DIFFERENCES OF LEVELS.	
	Dec. 1931 Minus Dec. 1930.	Dec. 1931 Minus Normal.
	Metres.	Metres.
Juba	+ 0·30	+ 0·23
Nasser	+ 1·45	— 0·42*
Malakâl	+ 0·94	— 0·02
Roseires	+ 0·23	+ 0·04
Khartoum	+ 0·34	— 0·27
Wadi Halfa	+ 0·37	— 0·30

* Nasser Normal is for 1922-30 only.

Discharges of the Nile during November, 1931.

Observed by the Irrigation Department.

Aswân

(Measured by Sluices).
Aswân D.S. Gauge.

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	90·04	4790
2	89·97	4710
3	89·90	4600
4	89·79	4450
5	89·70	4320
6	89·57	4210
7	89·47	4070
8	89·33	3920
9	89·22	3780
10	89·11	3670
11	89·02	3560
12	88·91	3450
13	88·81	3320
14	88·69	3180
15	88·58	3030
16	88·46	2940
17	88·38	2850
18	88·27	2750
19	88·17	2640
20	88·05	2520
21	87·90	2340
22	87·75	2230
23	87·60	2100
24	87·45	1920
25	87·30	1810
26	87·15	1680
27	87·00	1580
28	86·84	1460
29	86·80	1450
30	86·76	1440

Approx. Monthly Mean 3030
Normal Mean 1912-1930 2790

Halfa (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	5·54	4510
3	5·45	4370
4	5·34	4230
5	5·24	4220
6	5·12	3910
8	4·87	3750
9	4·75	3570
10	4·64	3460
11	4·52	3410
12	4·42	3280
14	4·19	2950
15	4·07	2900
16	3·98	2750
18	3·81	2600
19	3·70	2530
21	3·62	2460
22	3·58	2420
23	3·52	2320
25	3·43	2300
26	3·38	2190
28	3·27	2100
29	3·23	2030
30	3·19	2040

Approx. Monthly Mean 3050
Normal Mean 1912-1930 2930

River Atbara (Kilo 3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	10·84	106
11	10·59	77
16	10·45	63
21	10·32	50*
25	10·22	43*
30	10·14	30*

Approx. Monthly Mean 72
Normal Mean 1912-1930 63

Hassanab (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	13·36	3540
7	12·76	2660
13	12·37	2240
17	12·18	2120
22	12·00	1880
26	11·87	1750

Approx. Monthly Mean 2290
Normal Mean 1912-1930 2380

Tamaniât (Main Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	12·67	2700
9	12·24	2310
15	11·96	2120
19	11·82	1910
24	11·67	1750
29	11·46	1500

Approx. Monthly Mean 2130
Normal Mean 1912-1930 2340

Khartoum (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	13·14	1730
7	12·50	1210
12	12·28	1000
17	12·08	811
22	11·90	650
26	11·74	608

Approx. Monthly Mean 947
Normal Mean 1912-1930 1140

Makwâr (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	7·11	1240
4	6·90	1120
7	6·72	1030
9	6·53	932
11	6·42	855
14	6·23	666
16	6·11	627
18	6·04	589
21	6·00	600†
23	5·87	574†
25	5·66	490†
28	5·52	424†
30	5·63	477†

Approx. Monthly Mean 753
Normal Mean 1912-1930 1060

Gezîra Main Canal.

(Kilo 1·3).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	16·06	70
1	16·06	72
16	16·07	76
16	16·07	73

Approx. Monthly Mean 71
Normal Mean 1925-1930 60

Wad el Aies (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	8·58	1480
4	8·58	1350
7	8·68	1220

Approx. Monthly Mean —
Normal Mean 1912-1930 1910

Roseires (Blue Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	14·92	1440
4	14·78	1340
6	14·65	1270
8	14·51	1170
10	14·41	1110
12	14·26	1010
14	14·13	963
16	14·04	934
18	13·92	886
20	13·84	871
22	13·76	807
24	13·68	750
26	13·60	730
28	13·52	704
30	13·41	637

Approx. Monthly Mean 992
Normal Mean 1912-1930 1010

Mogren (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	13·14	1370
8	12·69	1130
14	12·42	1220
18	12·25	1120
23	12·10	1130
28	11·90	1040

Approx. Monthly Mean 1170
Normal Mean 1912-1930 1210

Malakâl (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	12·28	1250
10	12·28	1220
15	12·27	1250
20	12·27	1200
25	12·27	1200
30	12·26	1170

Approx. Monthly Mean 1220
Normal Mean 1912-1930 1210

Hillet Doleib (River Sobât)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	13·71	775
9	13·71	759
15	13·71	787
19	13·71	773
25	13·69	755
29	13·66	764

Approx. Monthly Mean 768
Normal Mean 1912-1930 765

River Sobât.

(400 mts. D.S. Baro-Pibor Junction).

(Nasser Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	10·57	763
3	10·57	758
5	10·57	751
7	10·56	741
9	10·56	732
10	10·55	714
12	10·54	682
13	10·53	679
14	10·51	661
15	10·50	638
17	10·47	609
19	10·43	581
21	10·38	562
23	10·32	531
24	10·29	522
26	10·22	510
28	10·14	494
30	10·05	464

Approx. Monthly Mean 631

River Baro.

(6 Kms. U.S. Pibor Junction).

(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9.60	529
3	9·60	522
5	9·59	515
7	9·57	521
9	9·54	503
10	9·51	471
12	9·43	418
13	9·38	384
14	9·33	374
15	9·28	346
17	9·17	315
19	9·07	292
21	8·98	264
23	8·87	238
24	8·82	225
26	8·72	224
28	8·63	215
30	8·51	200

Approx. Monthly Mean 363

Gambeila (River Baro).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
14	10·44	193
17	10·40	221
20	10·33	205
24	10·32	200

Approx. Monthly Mean —
Normal Mean 1928-1930 270

* Discharges measured at Kilo. 2·5.

† Discharges measured at Hillet Sherif.

Discharges of the Nile during November, 1931 (*continued*).

Observed by the Irrigatian Department.

River Pibor.
(6 Kms. U.S. Baro Junction).
(Pibor Mouth Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	9·60	168
3	9·60	167
5	9·59	165
7	9·57	165
9	9·54	171
10	9·51	181
12	9·43	195
13	9·38	206
14	9·33	214
15	9·28	216
17	9·17	229
19	9·07	212
21	8·98	249
23	8·87	250
24	8·82	250
26	8·72	248
28	8·63	248
30	8·51	252
Approx. Monthly Mean		212

River Pibor.
(D.S. Makwai Junction).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	10·05	172
11	9·96	189
18	9·77	216
25	9·52	236
Approx. Monthly Mean		204

Khor Makwai (at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	10·05	102
11	9·96	100
18	9·77	104
25	9·52	87
Approx. Monthly Mean		96

River Pibor.
(U.S. Makwai Junction).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
4	10·05	77
11	9·96	91
18	9·77	121
25	9·52	145
Approx. Monthly Mean		112

River Pibor.
(D.S. Gila Junction).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	10·01	152
20	9·88	140
26	9·78	136
Approx. Monthly Mean		144

River Gila (at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	10·01	44
20	9·88	73
26	9·78	73
Approx. Monthly Mean		60

River Pibor.
(U.S. Gila Junction).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
6	10·01	110
20	9·88	85
26	9·78	79
Approx. Monthly Mean		94

Akobo (River Pibor).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
Oct. 5	15·27	80
10	15·27	81
16	15·24	83
20	15·18	82
25	15·12	80
30	15·07	76
Approx. Monthly Mean		79
Nov. 5	14·99	73
10	14·88	65
15	14·78	54
20	14·65	35
25	14·51	27
30	14·40	25
Approx. Monthly Mean		50

Bahr el Zerâf (Kilo. 3).
(Gauge at Mouth).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·76	150
18	12·74	146
28	12·72	154
Approx. Monthly Mean		149
Normal Mean 1912-1930		158

Bahr el Zerâf.
(D.S. Tail Cut No. 2).
(Gauge at Pole 53).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
1	26·87	190
4	26·86	182
8	26·84	185
11	26·84	175
15	26·83	179
18	26·82	176
22	26·80	180
25	26·80	180
29	26·78	175
Approx. Monthly Mean		180
Normal Mean 1926-1930		152

Bahr el Zerâf.
(U.S. Tail Cut No. 1).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	28·52	65
7	28·52	61
10	28·50	56
14	28·50	59
17	28·48	51
21	28·48	46
24	28·47	50
28	28·45	49
Approx. Monthly Mean		55
Normal Mean 1926-1930		45

Abu Tong (White Nile).
(Tonga Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
8	12·88	311
18	12·86	292
28	12·84	294
Approx. Monthly Mean		301
Normal Mean 1923-1930		288

Lake No (White Nile).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·91	298
17	13·90	316
27	13·88	316
Approx. Monthly Mean		310
Normal Mean 1923-1930		294

Bahr el Ghazal (at mouth).
(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·91	9
17	13·90	22
27	13·88	7
Approx. Monthly Mean		15
Normal Mean 1923-1930		20

Bahr el Jebel (Kilo 3).
(Lake No Gauge).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
7	13·91	298
17	13·90	293
27	13·88	301
Approx. Monthly Mean		296
Normal Mean 1923-1930		280

Bahr el Jebel.
(Kilo. 281).
(D.S. Tail Peake's Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·95	419
5	26·94	406
9	26·93	423
12	26·93	420
16	26·92	411
19	26·91	414
23	26·90	418
26	26·89	413
30	26·88	414
Approx. Monthly Mean		415
Normal Mean 1927-1930		374

Bahr el Jebel.
(D.S. Head of Zerâf Cut No. 2.)

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	26·95	269
5	26·94	268
9	26·93	262
12	26·93	260
16	26·92	265
19	26·91	267
23	26·90	264
26	26·89	259
30	26·88	268
Approx. Monthly Mean		264
Normal Mean 1926-1930		234

Jebel-Zerâf Cuts.
(Tail Cut No. 2).
(Gauge at Pole 53).

Day of Month.	Gauge Reading. m	Disch. m³. p.s.
1	26·87	10
4	26·86	10
8	26·84	9
11	26·84	11
15	26·83	8
18	26·82	10
22	26·80	6
25	26·80	16
29	26·78	8
Approx. Monthly Mean		9
Normal Mean 1926-1930		14

(Tail Cut No. 1).

Day of Month.	Gauge Reading. m	Disch. m³. p.s.
3	28·52	44
7	28·52	43
10	28·50	45
14	28·50	48
17	28·48	50
21	28·48	50
24	28·47	52
28	28·45	55
Approx. Monthly Mean		49
Normal Mean 1926-1930		69

(Head Cut No. 2).

Day of Month.	Gauge Reading. m	Disch. m³. p.s.
2	26·95	9
5	26·94	7
9	26·93	5
12	26·93	7
16	26·92	5
19	26·91	6
23	26·90	7
26	26·89	5
30	26·88	6
Approx. Monthly Mean		6
Normal Mean 1926-1930		24

(Head Cut No. 1).

Day of Month.	Gauge Reading. m	Disch. m³. p.s.
3	12·14	57
7	12·12	62
10	12·10	59
14	12·12	61
17	12·10	63
21	12·09	62
24	12·08	64
28	12·07	67
Approx. Monthly Mean		62
Normal Mean 1926-1930		74

Bahr el Jebel.
(U.S. Head of Zerâf Cut No. 1).

Day of Month.	Gauge Reading. m	Disch. m³. p.s.
3	12·14	361
7	12·12	364
10	12·10	366
14	12·12	367
17	12·10	360
21	12·09	362
24	12·08	361
28	12·07	363
Approx. Monthly Mean		363
Normal Mean 1926-1930		345

Discharges of the Nile during November, 1931 (*contdinue*).

Observed by the Irrigation Department.

Bor (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	11·39	764
9	11·39	767
13	11·39	771
18	11·39	757
23	11·38	757
28	11·38	785
Approx. Monthly Mean		767
Normal Mean 1912-1930		720

Khor Unyam Kojie. (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
5	11·39	—40
9	11·39	—38
13	11·39	—35
18	11·39	—38
22	11·38	—37
28	11·38	—38
Approx. Monthly Mean		— 38

Giggin* (Bahr el Jebel). (West Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	429·46	246
8	429·43	239
12	429·37	224
17	429·30	240
22	429·24	238
27	429·20	233
Approx. Monthly Mean		238

Gemeiza* (Bahr el Jebel). (East Channel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
3	429·27	773
8	429·23	745
12	429·16	749
17	429·08	697
22	429·02	686
27	428·98	693
Approx. Monthly Mean		722

Terrikaka (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	13·93	1070
7	13·80	993
11	13·68	987
16	13·61	907
21	13·56	885
26	13·52	910
Approx. Monthly Mean		951

Mongalla (Bahr el Jebel).

Day of Month.	Gauge Reading. m.	Disch. m³. p.s.
2	12·44	1100
7	12·27	996
11	12·16	993
16	12·05	901
21	12·03	884
26	11·94	903
Approx. Monthly Mean		954
Normal Mean 1912-1930		947

* Discharges of Giggin and Gemeiza published previously are not those of Bahr el Jebel, but are discharges of its two branches there.

Occasional Discharges.

Observed by the Irrigation Department.

Date.	River.	Site.	Gauge. Reading. M.	Gauge. Site.	Disch. m³. p.s.
		River Sobât and Tributaries.			
30-11-1931	Khor Filus.	At Mouth	13·56	H.Doleib	3
24-11-1931	Pibor.	U.S. Agwei Junction	399·93	Agwei.	23
24-11-1931	Agwei.	About ½ Kilo U.S. Mouth	399·93	,,	13
24-11-1931	Pibor.	D.S. Agwei Junction	399·93	,,	37
25-11-1931	Akobo.	At Mouth	14·51	Akobo.	36
25-11-1931	Pibor.	D.S. Akobo Junction	14·51	,,	77
25-11-1931	Geni.	About 100 mts. from Mouth	14·51	,,	—3
25-11-1931	Pibor.	D.S. Geni Junction	14·51	,,	75
29-11-1931	Jokau.	Mouth	8·56	P. Mouth	9
29-11-1931	Khor Mechar.	At Offtake	8·56	,,	—8
30-11-1931	Baro.	U.S. Baro-Adura Junction	8·51	,,	181
30-11-1931	Adura.	U.S. ,, ,, ,, ...	8·51	,,	15
		Bahr el Jebel and Tributaries.			
28-10-1931	Atem 3	D.S. bifurcation with Channel on R.B.			265
28-10-1931	,, ,,	,, Channel on R.B.			147
28-10-1931	,, ,,	,, Entrance of a Lagoon on L.B.			244
28-10-1931	,, ,,	,, a Lagoon on L.B. and a Channel on R.B. ...			146
29-10-1931	,, ,,	About 5 Kilos D.S. Tail of Atem 3			273
30-10-1931	,, ,,	,, 1 ,, ,, Jonglei	9·13	Jonglei.	342

Note:—Discharges of Bahr el Jebel published last month among the list of Occasional Discaarges are those of the Khors mentioned.

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Director, Hydrological Service.

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