TO Chief W. Bureau
Washington D.C.

METEOROLOGICAL RI

THE OBSERVATORY, SYRIAN PROTESTANT C

Year 1904
Month January

LAT. 33° 54′ 22″ N.
LONG. E. FROM GREENWICH 35° 28′ 1

Date	Barometer as read. 8½ Attached Thermometer Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	15.4	763.0	17.2	763.4	16.2	764.4	764.6	767.2	765.3	764.70	18.4	12.8		
2	15.0	766.5	17.3	766.2	16.0	766.4	767.5	767.0	767.1	767.20	18.4	11.9		
3	15.0	765.0	16.5	763.1	16.1	762.3	766.0	763.9	763.2	764.36	17.3	11.7		
4	15.0	759.1	17.0	757.0	16.7	756.5	760.2	757.7	757.4	758.43	18.4	11.7		
5	16.9	757.0	18.7	757.4	17.0	758.3	760.3	757.9	759.1	759.10	18.5	15.1		
6	15.6	758.3	17.0	758.2	15.7	760.7	759.3	759.0	761.7	760.00	17.4	12.6		
7	10.5	762.7	15.6	763.0	14.6	764.9	764.4	764.0	766.0	764.80	16.0	12.5		
8	13.6	767.1	15.1	765.9	14.1	766.6	768.3	767.0	767.7	767.66	15.6	14.8		
9	13.3	765.3	14.9	763.3	14.1	761.8	766.6	764.3	763.0	764.63	15.9	14.3		
10	11.4	758.0	16.7	755.0	15.1	757.3	758.5	755.9	758.4	757.60	18.4	13.6		
11	14.6	761.8	16.2	759.6	14.9	759.6	762.8	760.5	760.7	761.33	16.9	11.2		
12	14.7	764.0	15.9	762.6	15.0	763.3	765.1	763.6	764.4	764.36	17.3	12.8		
13	14.4	763.3	15.7	763.5	14.9	762.4	764.4	764.5	763.5	764.13	18.1	11.4		
14	14.0	763.4	14.8	763.9	13.9	765.6	764.7	765.0	766.8	765.50	14.0	10.6		
15	13.1	767.0	14.4	766.8	13.9	766.9	768.4	768.0	768.2	768.20	14.9	9.7		
16	12.6	760.6	15.1	765.8	13.8	764.0	768.0	766.9	765.3	766.73	16.3	8.9		
17	14.1	762.4	13.9	762.7	13.2	763.2	763.6	764.0	764.5	764.03	16.7	10.6		
18	12.4	764.3	14.2	764.4	13.1	765.1	765.7	765.6	766.5	765.93	14.1	9.0		
19	12.7	765.4	13.4	764.5	13.3	765.1	766.8	765.8	766.4	766.93	14.4	10.2		
20	12.4	763.4	14.4	761.2	13.8	760.5	764.8	762.4	761.8	763.00	16.6	8.9		
21	12.8	760.7	15.6	759.7	14.2	761.4	762.1	760.4	762.6	761.70	17.8	6.3		
22	13.3	762.3	14.0	761.6	12.9	770.1	763.6	762.8	771.5	765.96	15.1	6.1		
23	11.7	760.6	12.4	759.3	12.1	759.3	762.1	759.7	759.8	761.53	13.2	3.8		
24	11.8	758.4	13.3	758.3	12.7	760.1	759.9	759.6	761.5	760.33	14.7	3.9		
25	11.6	760.8	12.9	761.0	12.2	766.8	761.9	762.4	768.3	764.34	13.7	4.4		
26	11.5	764.3	12.4	764.2	11.7	765.1	765.8	765.6	766.7	766.03	13.3	3.4		
27	10.6	766.6	12.1	764.0	11.1	763.8	768.3	765.5	765.4	766.40	13.2	1.7		
28	10.8	762.5	12.8	760.2	12.1	760.2	764.1	761.6	761.7	762.46	15.1	3.4		
29	12.1	757.3	13.7	756.0	12.8	756.8	760.8	757.3	758.3	758.80	15.9	10.8		
30	11.3	758.7	13.5	760.5	12.7	761.4	764.4	761.8	762.8	761.66	14.3	7.8		
31	12.2	763.4	13.9	763.5	12.9	763.8	764.9	764.7	765.2	764.93	16.3	8.9		
Sums 1–5	77.3	3811.2	86.7	3807.1	82.0	3807.9	3818.6	3810.7	3812.1	3813.79	91.0	63.2		
„ 6–10	64.4	3810.4	79.9	3805.4	73.6	3811.3	3817.1	3811.2	3816.8	3814.64	83.3	67.8		
„ 10–15	70.8	3819.5	77.0	3816.4	72.6	3817.8	3825.4	3821.6	3823.6	3823.52	81.2	55.7		
„ 16–20	64.2	3822.1	78.0	3818.6	70.2	3817.9	3828.9	3824.7	3824.5	3826.03	78.[illegible]	47.5		
„ 21–25	61.2	3802.8	68.2	3798.9	64.1	3816.7	3804.6	3804.9	3823.7	3812.72	74.5	24.5		
„ 26–31	68.8	4574.8	78.4	4568.4	73.3	4576.1	4584.3	4576.5	4580.1	4580.38	88.1	36.3		
Total Sums	406.4	23640.8	460.6	23614.8	435.8	23642.7	23683.9	23648.6	23670.8	23681.02	496.2	294.7		
Means	13.1	762.6	14.8	761.4	14.0	762.8	763.9	762.8	763.9	763.9	16.0	9.5		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	13.8	17.5	14.3	15.2	11.9	10.6	12.1	9.2	6.4	9.3	8.3	78	43	77	66.0
2	13.7	17.1	15.1	15.3	10.7	13.2	12.6	8.0	9.1	9.6	8.9	68	64	73	68.3
3	13.8	16.6	13.9	14.7	10.8	12.1	11.7	8.0	8.1	8.9	8.3	68	57	75	66.6
4	13.5	15.7	15.2	14.8	10.3	13.1	10.3	7.7	9.6	7.8	8.1	66	73	54	64.3
5	17.7	18.3	12.7	16.2	13.8	13.3	12.1	9.5	8.7	10.2	9.4	63	55	54	57.3
6	12.1	16.2	14.4	14.3	11.9	13.4	12.8	10.0	9.1	9.8	9.6	94	67	80	80.3
7	12.6	14.4	13.4	13.4	11.4	12.7	10.9	9.3	10.0	8.4	9.2	87	81	73	80.3
8	11.5	14.2	11.2	12.3	8.9	11.2	9.6	7.2	8.2	8.0	7.8	71	69	80	73.3
9	12.4	14.6	12.8	13.2	9.4	10.9	9.9	7.2	7.8	7.6	7.5	68	64	69	67.0
10	15.2	16.8	13.9	15.3	13.4	14.3	11.8	10.3	10.6	9.0	9.9	81	76	76	77.6
11	13.8	15.5	14.3	14.5	12.2	13.2	9.4	9.6	9.9	6.5	8.6	82	76	54	70.6
12	12.8	16.5	14.9	14.7	11.7	12.8	11.5	9.3	8.9	8.3	8.8	87	63	65	71.6
13	14.0	15.3	12.3	13.8	10.1	10.9	9.7	7.2	7.5	7.5	7.4	61	57	70	62.6
14	11.1	13.9	13.4	12.8	10.3	10.8	9.5	8.9	8.0	7.0	7.9	91	68	61	73.3
15	11.3	14.2	11.2	12.2	7.9	9.7	8.7	6.3	6.8	7.1	6.7	63	57	72	64.0
16	11.1	14.8	13.4	13.1	7.8	10.7	10.1	6.3	7.5	7.6	7.1	65	59	66	63.3
17	14.0	11.1	9.4	11.5	8.2	9.2	8.6	5.7	7.6	7.9	7.1	48	78	90	72.0
18	10.6	13.4	11.7	11.9	9.2	10.7	9.4	7.9	8.1	7.6	7.8	83	70	74	75.6
19	11.7	13.7	12.4	12.6	9.5	11.5	10.4	7.6	8.9	8.3	8.2	74	75	77	75.3
20	11.6	15.4	12.9	13.3	9.4	12.4	11.1	7.6	9.0	8.8	8.4	75	69	80	74.6
21	12.6	16.4	12.2	8.8	8.8	11.8	10.9	6.6	8.0	9.0	7.8	62	57	86	68.3
22	11.1	12.7	10.4	11.4	10.2	11.6	9.9	8.7	9.5	8.8	9.0	89	87	94	90.0
23	9.4	11.2	9.5	10.1	8.2	8.9	8.3	7.5	7.3	7.5	7.4	86	73	85	81.3
24	11.7	13.3	12.2	12.4	9.3	9.9	9.8	7.4	7.5	7.7	7.5	73	65	73	70.3
25	9.9	12.1	10.8	10.9	7.8	9.9	8.6	6.7	7.9	7.1	7.2	74	75	74	74.3
26	10.2	12.2	10.4	10.9	7.2	6.5	5.1	6.1	4.9	4.4	5.1	66	46	47	53.0
27	8.8	12.1	10.2	10.3	5.0	6.7	6.2	4.8	5.0	5.3	5.0	57	48	57	54.0
28	10.6	14.2	12.1	12.9	6.8	8.2	7.2	5.6	5.5	5.4	5.5	59	47	52	52.6
29	12.0	14.7	10.5	12.4	7.6	10.8	6.7	5.8	7.6	5.6	6.3	56	61	58	58.3
30	10.6	13.6	11.1	11.7	4.4	7.9	8.8	4.0	5.6	7.2	5.6	42	48	74	54.6
31	11.4	14.1	11.4	12.3	9.7	11.3	10.1	8.0	8.5	8.5	8.3	79	70	80	77.6
Sums 1–5	72.5	82.2	71.2	76.2	57.5	62.3	58.8	42.4	41.9	45.0	43.0	348	292	333	322.5
„ 6–10	63.8	76.2	65.7	68.5	55.0	62.5	54.8	44.0	45.7	42.8	44.0	401	357	378	375.5
„ 10–15	63.0	75.4	66.1	68.0	52.2	57.4	48.8	41.3	41.1	36.4	39.4	384	321	322	342.1
„ 16–20	59.9	68.4	59.8	62.4	44.1	54.5	49.6	35.1	41.1	40.2	38.6	345	351	387	360.8
„ 21–25	54.7	65.7	55.1	58.5	44.3	52.1	47.5	36.9	40.2	40.1	38.9	384	357	412	384.3
„ 26–31	67.6	80.9	65.7	71.5	40.7	51.4	44.1	34.3	37.1	36.4	35.8	359	320	372	350.1
Total Sums	380.6	451.8	383.6	410.1	293.8	339.2	303.6	233.1	247.1	240.9	239.7	2216	1998	1904	2195.2
Means	12.2	14.5	12.3	12.9	9.4	10.9	9.7	7.5	7.9	7.7	7.7	71.4	64.4	61.4	68.8

Barometer	**Maximum**	768.4	on 15
„	**Minimum**	755.9	on 10
Thermometer	**Maximum**	18.5	on 5
„	**Minimum**	1.7	on 27
Highest Temp.	**in Sun**		on
Lowest „	**on Grass**		on
Rainfall	**Maximum**		on

No. of days with:

rain .....
thunderstorms .....
fog .....
gale .....

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W	N
8½ A.M	1	2	5	4	2	7		
2½ P.M	6	7				9	4	
8½ P.M	1	5	3	4	1	6		
Totals								

)GICAL REGISTER;

PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

ROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 meters; **Max.** 1.75; **Min.** 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.56 meters; **above sea level** 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

of vapour meters		Relative Moisture per cent.				Clouds. Clear— 0 Overcast—10						Direction and force of Wind. 0 — 10			Wind per day, miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes.
8½	mean	8½	2½	8½	mean	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½			A.M.	P.M.	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
9.3	8.3	78	43	77	66.0	4 cum		7 cum		8 cum		6.3	0	W.3	E.1		dw.	0.10		0.10						
9.6	8.9	68	64	73	68.3	3 cum	N.W	2 cum	E.	3 cum	S	2.6	S.E.1	N.W.1	N.E.1		rough									
8.9	8.3	68	57	75	66.6	1 cum		0		0		0.3	0	N.E.3	0		dw.									a. m.
7.8	8.1	66	73	54	64.3	5 cir cir		3 cir		9 cum		5.6	E.1	N.E.1	S.E.2		dw.									dw the south
10.2	9.4	63	65	54	57.3	4 cum	N.W	6 cum		5 cum		5.0	S.W.5	S.W.5	S.E.3		dw.									
9.8	9.6	94	68	80	80.3	10 nim		8 cir cum		10 cum		9.3	S.9	S.W.3	N.E.4		rough	1.80		1.80						
8.4	9.2	87	81	73	80.3	10 cum		8 cir cum		1 cum	W.	6.3	S.W.1	0	N.W.4		dw.									
8.0	7.8	71	69	80	78.3	3 cum	N.W	1 cum	E.	0		1.3	S.E.1	S.W.1	S.E.1		dw.									
7.6	7.5	68	84	69	67.0	4 cir cir		10 nim		10 nim		8.0	S.E.1	N.4	S.1		dw.									a. m.
9.0	9.9	81	76	76	77.6	8 cir cir		3 cir cir		10 nim		7.0	0	N.W.3	N.W.2		rough									dw the W. & S.
6.5	8.6	82	76	54	70.6	8 cum cir		8 nim	N.W.	0		5.3	S.W.1	W.4	N.3		rough	0.97		0.97						
8.3	8.8	87	63	65	71.6	10 nim		8 cum nim		3 cum		7.0	N.W.2	S.W.4	S.W.4		very rough	0.23		0.23						
7.5	7.4	61	57	70	62.6	10 cum		9 cum nim		7 cum.		8.6	S.W.3	S.W.4	S.W.1		very rough	0.16		0.16						
7.0	7.9	91	68	61	73.3	9 cum nim		9 cum		8 cum.		8.6	S.W.1	N.1	N.3		dw.									a few drops
7.1	6.7	63	57	72	64.0	5 cum	S.	1 cum.		1 cum		2.3	N.E.2	N.2	N.E.2		very dw.									
7.6	7.1	65	59	66	63.3	10 cir cum	E	9 cum & st.		7 cum.		8.6	E.1	S.W.2	N.E.1		very dw.									
7.9	7.1	48	78	90	72.0	10 st & nim		10 nim		10 nim		10.0	S.W.2	W.1	S.W.1		dw.									
7.6	7.8	83	70	74	75.6	10 nim		10 cum		7 cum		9.0	E.1	S.W.2	S.W.1		dw.	0.50		0.50						
8.3	8.2	74	75	77	75.3	10 nim		10 nim		10 nim		10.0	0	0	0		dw.									
8.8	8.4	75	69	80	74.6	1 cum		4 cum cir		0		1.6	0	N.E.1	S.E.1		dw.									
9.0	7.8	62	57	86	68.3	0		10 nim cum		10 nim		6.6	S.E.1	N.W.4	0		dw.									a. m.
8.8	9.0	89	87	94	90.0	10 nim		10 nim cum		10 nim		10.0	0	S.W.1	0		rough	0.53		0.53						
7.5	7.4	86	73	85	81.3	10 nim		10 nim		10 nim		10.0	S.1	W.3	0		rough	1.88		1.88						
7.7	7.5	73	65	73	70.3	10 nim		10 cum cir		10 cum		10.0	0	N.E.4	N.3		very rough	0.33		0.33						
7.1	7.2	84	85	74	74.3	10 cum cir		10 cum		10 cum nim		10.0	0	N.3	E.2		rough									
4.4	5.1	66	46	47	53.0	1 cum		1 cum		0		0.6	E.2	N.E.5	N.E.5		very rough									
5.3	5.0	57	48	57	54.0	8 cum		1 cir		0		3.0	N.E.3	N.2	0		dw.									
5.4	5.5	59	47	52	52.6	1 cir		8 cir		10 cum cir		6.3	0	N.E.4	N.1		rough									a. m.
5.6	6.3	56	61	58	58.3	10 cum st &		10 + cum st.		10 cum st. +		10.0	E.1	N.E.1	E.1		dw.									a. m.
7.2	5.6	42	48	74	54.6	10 cir cum +		2 cum.		10 cum nim		7.3	N.3	N.2	S.W.3		dw.									
8.5	8.3	79	70	80	77.6	10 cum nim		10 nim		10 nim.		10.0	S.W.1	S.W.1	S.W.2		dw.									
45.0	43.0	345	292	333	322.5	17		18		25		19.8														
42.8	44.0	401	357	378	375.5	35		30		31		31.9														
36.4	39.4	384	321	322	342.1	42		35		19		31.8														
40.2	38.6	345	351	387	360.8	41		43		34		34.2														
40.1	38.9	384	357	412	384.2	40		51		54		46.6														
36.4	35.8	359	320	372	350.1	40		32		40		37.2														
240.9	239.7	2216	1998	1904	2135.2	215		208		199		206.5								6.50						
7.7	7.7	71.4	64.4	61.4	68.9	6.9		6.7		6.4		6.6														

Number of Daily Wind Observations.

S E	S	S W	W	N W	Calm	Totals
4	2	7		1	1	31
		9	4	3	2	31
1	1	6		2	6	31

No. and make of:

Barometer 244 J. Browning London
Thermometers
Dry and Wet 75 7112, 75 7111
Maximum 15766 J. Browning
Minimum 10857 Casella London
Rain gauge

G. Maier M.S.
OBSERVER.

Oversize
QC
990
.L4
M6
1904

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

TO .....

.....

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT (

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′

Year 1904

Month February

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	12.2	763.3	12.6	763.0	12.5	763.3	764.8	764.4	764.7	764.6	12.9	9.7		
2	12.9	764.1	14.6	762.8	14.1	762.2	765.5	764.0	763.4	764.3	17.3	10.1		
3	13.9	761.4	15.9	761.9	14.4	762.7	762.6	762.8	763.9	763.1	18.0	11.8		
4	13.3	764.9	14.6	765.3	14.1	766.7	766.2	766.4	767.9	766.8	15.8	10.2		
5	12.7	767.6	15.1	768.8	14.0	767.3	769.0	767.9	768.5	766.4	16.6	9.6		
6	13.1	766.8	15.2	765.8	14.6	766.3	768.2	766.8	767.4	767.4	16.9	10.1		
7	14.2	764.9	17.0	763.7	15.7	762.7	766.1	764.5	763.7	765.1	19.3	12.0		
8	15.2	759.9	17.9	758.7	17.0	762.0	760.9	759.4	762.8	761.0	20.4	13.8		
9	15.2	762.2	17.2	761.8	15.6	763.3	763.3	762.5	764.2	763.3	18.1	11.7		
10	14.8	764.9	16.8	764.8	15.8	765.9	766.0	765.7	766.9	766.2	17.9	11.2		
11	15.2	766.1	17.3	765.3	15.9	766.5	767.1	766.0	767.4	766.8	18.4	12.3		
12	15.0	766.3	16.7	765.6	16.2	764.7	767.3	766.5	765.6	766.4	18.5	12.4		
13	15.7	762.4	18.1	761.2	16.3	759.8	763.4	761.9	760.6	761.9	19.6	12.5		
14	17.3	758.2	17.9	758.5	17.0	759.1	759.0	759.1	760.0	759.3	20.3	14.0		
15	16.4	760.1	18.3	760.6	17.3	762.8	761.0	761.2	763.6	761.2	18.4	12.8		
16	16.2	763.6	18.6	764.8	16.6	765.3	764.5	765.4	766.1	765.3	18.7	8.6		
17	15.6	764.0	15.6	764.0	16.7	762.7	764.8	765.0	763.6	764.4	19.0	7.6		
18	16.3	763.1	17.8	763.6	15.9	764.5	764.0	764.3	765.4	764.5	18.7	9.4		
19	15.4	765.4	17.2	765.0	16.2	765.5	766.2	765.8	766.4	766.1	18.2	7.0		
20	15.6	763.2	17.2	763.5	16.2	763.2	764.2	764.3	764.1	766.2	17.9	7.0		
21	15.8	762.6	17.3	761.7	16.5	761.9	763.6	762.4	762.7	762.9	17.3	8.7		
22	15.6	761.9	16.9	760.9	16.2	760.0	762.4	761.8	760.9	761.8	17.7	7.8		
23	16.3	756.2	17.8	755.1	18.5	752.3	757.0	755.4	752.9	755.2	26.1	8.8		
24	17.8	755.7	18.5	756.5	17.6	758.0	756.4	757.1	759.8	757.7	18.7	11.4		
25	16.6	762.4	17.4	762.7	16.6	763.2	763.2	763.5	764.0	763.5	18.2	8.8		
26	15.7	763.9	17.7	763.8	16.7	764.4	764.9	764.6	765.3	764.9	18.8	8.0		
27	15.4	764.9	18.3	764.2	16.8	763.5	765.9	764.8	764.3	765.0	19.3	6.9		
28	15.4	761.5	17.3	759.4	16.7	761.0	762.5	760.2	761.8	761.5	18.7	6.8		
29	16.4	759.2	18.8	759.3	17.5	760.9	760.1	759.9	761.7	760.5	20.3	9.1		
30														
31														
Sums 1–5	65.0	3824.3	72.8	3819.8	69.1	3820.2	3828.1	3825.5	3828.4	3827.2	80.6	57.4		
" 6–10	72.5	3818.7	84.1	3814.8	78.7	3820.2	3824.5	3818.9	3825.0	3823.0	93.1	58.8		
" 10–15	79.6	3819.1	88.3	3811.2	82.7	3812.9	3817.8	3814.7	3817.2	3815.6	95.2	64.0		
" 16–20	79.1	3819.3	86.4	3820.9	81.6	3821.2	3823.7	3824.8	3825.6	3826.5	92.5	39.6		
" 21–25	82.1	3788.8	87.9	3796.9	85.4	3796.4	3803.1	3804.7	3800.3	3801.1	98.0	45.3		
" 26–31	62.9	3049.5	72.1	3046.7	67.7	3049.8	3053.4	3049.5	3053.1	3051.9	77.1	30.8		
Total Sums	441.2	22907	491.6	22910	465.2	22922	22959.6	22934.1	22949.6	22945.3	536.5	290.1		
Means	15.2	762.8	16.9	762.4	16.0	762.8	763.7	762.9	763.8	763.6	18.5	10.0		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	10.3	11.8	12.3	12.3	9.7	10.8	10.7	8.7	9.1	8.6	8.8	93	89	80	87
2	13.4	15.2	14.7	14.7	12.3	13.6	11.9	10.0	10.5	8.9	9.8	89	82	71	80
3	13.9	16.1	13.0	13.0	11.4	12.9	11.4	8.6	9.2	8.1	8.9	73	68	81	74
4	12.8	15.0	14.1	14.1	10.7	10.8	9.6	8.4	7.6	6.7	7.5	76	59	56	63
5	11.4	15.8	12.6	12.6	8.4	10.8	8.4	6.7	7.2	6.3	6.7	67	54	58	59
6	12.9	16.4	14.2	14.2	8.8	12.2	11.8	6.5	8.3	9.0	7.9	58	60	75	64
7	14.5	18.4	14.9	14.9	9.7	15.1	12.3	6.7	10.7	9.1	8.8	55	65	72	65
8	17.4	20.4	16.2	16.2	15.3	14.6	13.6	11.6	9.2	10.0	10.2	78	52	74	68
9	11.7	17.6	13.3	13.3	11.5	13.8	11.4	10.0	9.5	9.0	9.5	98	67	78	79
10	13.2	17.3	14.4	14.4	11.2	14.1	12.3	8.8	10.0	9.4	9.4	78	68	77	74
11	14.7	17.5	14.7	14.7	11.4	14.2	13.1	8.3	10.0	10.2	9.5	66	66	81	71
12	14.2	17.6	15.2	15.2	10.8	14.0	14.0	7.9	9.7	11.1	9.5	60	65	87	72
13	13.6	18.1	15.8	15.8	12.8	14.7	14.5	10.5	10.4	11.4	10.7	90	68	86	81
14	19.5	17.6	15.2	15.2	12.5	15.1	14.1	7.4	11.3	11.2	9.9	45	75	88	69
15	15.1	18.3	14.9	14.9	13.7	15.3	14.5	10.8	11.0	11.9	11.2	85	71	95	83
16	14.8	17.6	14.4	15.6	12.4	14.8	13.2	9.3	10.8	10.6	10.2	75	72	87	78
17	14.7	20.3	15.8	16.8	10.1	14.4	13.2	6.9	9.1	9.1	8.3	55	51	68	58
18	14.7	17.3	13.3	15.1	13.2	13.7	11.1	10.4	9.6	8.6	9.5	84	65	75	74
19	14.2	17.7	15.4	15.7	10.8	14.3	12.7	7.8	10.1	9.4	9.1	65	69	72	68
20	14.9	17.0	16.1	16.2	11.6	13.9	13.2	8.4	9.6	9.6	9.2	67	64	71	67
21	15.3	16.7	15.6	15.8	13.3	14.0	12.7	10.1	10.3	9.3	9.9	78	72	71	73
22	14.0	17.2	15.4	15.8	12.2	13.9	13.3	9.3	9.4	11.0	10.0	76	68	82	75
23	16.6	19.1	24.4	20.2	13.8	16.4	14.7	10.0	12.1	7.8	9.9	71	74	33	59
24	17.2	17.2	16.2	16.8	12.7	13.4	13.7	8.5	8.7	9.5	8.9	58	60	70	62
25	14.7	15.8	14.3	14.9	12.9	14.8	13.3	7.5	11.4	10.7	10.0	89	90	88	86
26	14.1	17.8	14.5	15.4	12.2	14.2	12.7	9.5	9.8	9.9	9.7	79	63	80	74
27	14.4	17.7	13.8	15.3	11.4	14.9	12.8	8.3	10.8	10.4	9.8	68	71	88	75
28	14.6	18.2	16.5	16.4	11.3	14.2	15.4	8.2	9.7	12.3	10.0	67	62	89	72
29	16.1	19.7	15.0	16.9	12.2	16.8	14.3	8.4	11.6	11.7	10.5	62	63	93	72
30															
31															
Sums 1–5	61.8	73.9	66.7	67.3	52.5	58.9	52.0	42.4	43.6	39.6	41.7	316	352	346	364
" 6–10	69.7	90.1	73.0	77.5	56.5	69.8	61.4	43.6	47.7	46.5	45.8	367	311	37.6	35
" 10–15	77.1	89.1	75.8	80.5	61.2	73.3	70.2	44.9	52.4	55.8	50.8	352	347	437	378
" 16–20	73.3	90.5	75.0	79.5	58.1	71.1	63.4	42.8	49.2	47.3	46.3	348	320	373	34
" 21–25	78.2	86.0	86.9	83.5	64.9	72.5	68.7	45.4	52.9	48.3	48.7	369	364	344	39
" 26–31	59.2	73.4	59.9	64.0	47.1	60.1	55.2	34.4	41.9	44.3	40.0	276	259	350	28
Total Sums	414.3	502.0	437.3	452.3	340.3	405.7	370.9	223.5	287.7	281.8	273.3	2100	1953	322	209
Means	14.5	17.3	15.1	15.6	11.7	14.0	12.8	8.7	9.9	9.7	9.4	72	67	77	72

Barometer	**Maximum**	769.0	on 5
"	**Minimum**	752.9	on 23
Thermometer	**Maximum**	26.1 C	on 23
"	**Minimum**	6.8 C	on 28
Highest Temp.	**in Sun**		on
Lowest "	**on Grass**		on
Rainfall	**Maximum**	1.60 in	on 1

8½ A.M.
2½ P.M.

No. of days with:

rain	8
thunderstorms	0
fog	0
gale	0

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W
8½ A.M			2		1	17	1
2½ P.M	9	1	1		1	10	3
8½ P.M	4	4	5			5	2
Totals							

.OGICAL REGISTER;

N PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

. FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 meters; Max. 1.75; Min. 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.56 meters; above sea level 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2

icity of vapour Millimeters			Relative Moisture per cent.				Clouds. Clear— 0 Overcast—10							Direction and force of Wind. 0 — 10			Wind per day. miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes.
2½	8½	mean	8½	2½	8½	mean	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½			A.M.	P.M.	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
.7	8.6	8.8	93	89	80	87.3	10 nim		10 nim		10 nim		10.0	S.W.2	S.W.2	N.W.2		rough	1.60		1.60						
.5	8.9	9.8	87	82	71	80.0	10 nim at+		10 nim		10 nim		10.0	S.W.1	N.W.3	S.W.3		rough	1.50		1.50						
.2	8.1	8.9	73	68	81	74.0	10 cum nim		9 nim		7 cum		8.6	S.W.3	S.W.1	S.W.1		rough	0.70		0.70						
.6	6.7	7.5	76	59	56	63.6	3 cum		1 cum		0		1.3	S.W.1	N.3	N.E.4		sm									
.2	6.3	6.7	67	54	58	59.6	1 cum		0		1 cum	N	0.6	S.W.1	N.2	N.2		very sm									2°
.3	9.0	7.9	58	60	75	64.3	10 cir		1 cir		1 cum		4.0	E.1	N.2	E.1		very sm									
.7	9.1	8.8	55	68	72	65.0	10 cir at+		10+ cir at		8+ cir at		9.3	S.W.1	N.1	E.1		v. sm									
.2	10.0	10.2	78	82	74	78.0	10 cum at+		10 at+		4 cum		8.0	0	N.1	S.W.4		v. sm.									
.5	9.0	9.5	95	69	78	79.6	10 cum		8 cum		3 cum		7.0	S.W.1	S.W.2	E.1		sm	0.16		0.16						
.0	9.4	9.4	78	68	77	74.3	4 cum		3 cum	N.2	10 cum		5.6	S.W.1	S.W.2	N.1		sm	0.18		0.18						
0.0	10.2	9.5	68	68	81	71.6	10 cum	N.E.	9 cum cir		3 cum	N	7.3	S.W.1	S.W.3	E.1		sm									2°
.7	11.1	9.5	60	87	87	72.6	0		1 cum	E.	0		0.3	S.W.1	N.2	S.W.1		v. sm									2°
0.4	11.4	10.7	90	68	86	81.3	0		1 cum	E.	2 cum	N	1.0	S.W.1	W.1	N.3		sm	0.07		0.07						2°
1.3	11.2	9.9	45	75	88	69.3	9 cum+ at		8 nim	S.	7 cum		8.0	S.W.3	N.4	N.3		rough									
.0	11.9	11.2	85	71	95	83.6	1 cum	N	4 cum		10 cum		5.0	S.W.1	S.W.2	0		v. sm									2°
.8	10.6	10.2	75	72	87	78.0	2 cum	N.W	2 cum	E.	0		1.3	0	S.W.3	W.1		sm									
.1	9.1	8.3	55	81	68	58.0	1 cum	W	1 cum	E.	2 cum	W	1.3	S.2	S.W.3	W.1		v. sm									2°
.6	8.6	9.5	84	65	75	74.6	10 cum		8 cum		1 cum	W	6.9	S.W	S.W.1	0		sm									
0.1	9.4	9.1	65	88	72	68.3	2 cir	N.W	3 cum	S.E.	1 cum		2.0	0	W.1	N.E.1		sm									2°
.6	9.6	9.2	67	54	71	67.3	1 cir		1 cir	N.2	0		0.6	0	N.E.2	N.E.4		rough	0.17		0.17						2°
.3	9.3	9.9	78	72	71	73.6	2 cum cir		4 cum cir	S.E.	4 cum cir	S.E.	3.9	E.1	N.3	N.E.2		rough	0.05		0.05						
.9	11.0	10.0	76	68	82	75.3	1 cir		0		8 cum cir	S.	3.0	0	N.3	N.4		rough									2°
2.1	7.8	9.9	71	74	33	59.3	10 at+ cum		10 at+ cum		10 at+ cum		10.0	S.W.1	E.1	E.1		sm									
8.7	9.5	8.9	58	60	70	62.6	overcast		overcast		10 cum at		10.0	S.W.E	S.5	S.W.4		v. rough									Thick fog
7.9	10.7	10.0	80	90	88	86.0	10 at+ nim		10 at+ nim		1 cum	N.E.	7.0	S.W.1	0	0		v. rough									
9.8	9.9	9.7	79	69	80	74.0	5 cum cir		2 cum	N.2	0		2.9	0	W.1	0		sm									2°
0.8	10.4	9.8	68	71	88	75.6	2 cir		2 cir		2 cir		2.0	0	S.W.2	0		v. sm									2°
9.7	12.3	10.0	67	62	89	72.6	0		0		0		0	0	N.W.2	0		sm									2°
7.6	11.7	10.5	62	63	93	72.6	0		1 cum	E.	0		0.3	W.1	N.W.1	0		v. sm									2°
3.6	39.6	41.7	396	352	346	364.5	34		20		28		30.5						3.80		3.80						
47.7	46.5	45.8	367	311	37.6	357.2	44		32		26		33.9						0.34		0.34						
2.4	55.8	50.8	352	347	437	378.4	20		23		22		21.6														
49.2	47.3	46.3	346	320	373	346.2	16		15		4		11.5						0.07		0.07						
2.9	48.3	48.7	363	364	344	358.8	33		34		33		33.3						0.17		0.17						
4.9	44.3	40.0	276	359	350	294.8	7		5		2		4.6						0.05		0.05						
87.7	281.8	273.3	2100	1953	2230	2094.9	154		139		115		135.4								4.43						
.9	9.7	9.4	72	67	77	72.1	5.3		4.8		4.0		4.7								0.15						

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
2		1	17	1		8	29
1		1	10	3	3	1	29
5			5	2	2	7	29

No. and make of:

Barometer 244 } J. Browning London
Thermometers
Dry and Wet } 757112 / 757111
Maximum } 15766
Minimum } J. Browning 10857
Rain gauge } L. casella, London

George Maier M. D.
OBSERVER.

TO .....

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

Year 1904

Month March

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

Date	Barometer as read. 8½ Attached Thermometer Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	18.4	761.6	18.1	759.3	17.1	758.1	762.4	759.9	756.9	759.7	18.9	7.5		
2	17.5	753.0	18.7	756.1	17.4	755.4	753.7	756.7	756.2	756.2	19.2	10.9		
3	16.5	753.5	16.9	759.8	15.6	756.1	754.4	754.6	757.1	753.4	16.8	7.8		
4	15.0	759.2	17.8	759.8	16.1	761.7	760.3	760.5	762.6	761.1	18.8	6.9		
5	15.2	760.8	17.3	758.7	16.7	756.6	761.9	759.5	757.4	759.6	18.6	7.6		
6	17.3	752.8	19.3	752.9	17.2	755.4	753.7	753.5	756.2	754.5	23.0	11.9		
7	16.4	756.3	18.2	756.3	16.5	758.0	757.2	756.9	758.9	757.8	20.3	7.2		
8	15.6	760.4	16.4	761.0	15.7	762.4	761.4	761.9	763.4	762.2	17.3	7.2		
9	15.1	763.3	17.2	764.3	15.6	764.7	764.3	765.1	765.7	765.0	18.0	6.7		
10	14.9	764.4	16.8	763.6	15.6	763.3	765.5	764.4	764.3	764.7	17.8	6.1		
11	15.1	763.1	17.3	762.0	15.6	762.5	764.1	763.3	763.5	763.6	18.2	6.7		
12	14.9	763.2	17.1	763.4	15.6	764.5	764.2	764.2	765.5	764.6	18.2	6.1		
13	14.9	765.9	17.1	766.3	16.0	766.4	767.0	767.0	767.3	767.1	18.4	6.0		
14	15.6	767.6	17.1	766.7	16.2	765.5	768.6	767.5	766.5	767.5	18.4	7.2		
15	16.6	763.3	18.4	761.1	17.4	759.8	764.1	761.7	760.5	762.1	20.3	9.6		
16	17.4	754.8	20.2	753.3	18.3	756.5	755.6	753.7	757.1	756.1	24.4	10.2		
17	17.7	757.4	19.4	757.7	17.9	758.9	758.1	758.2	759.5	758.6	19.6	9.2		
18	17.2	760.9	19.6	759.6	18.3	761.2	761.7	760.1	761.8	761.2	19.8	8.3		
19	17.7	760.3	19.0	758.8	17.4	758.6	761.0	759.4	759.3	759.9	19.9	10.0		
20	17.6	760.7	18.4	757.6	17.9	758.4	761.5	758.2	756.1	758.6	20.0	10.0		
21	17.7	753.3	18.9	753.7	17.7	752.7	755.0	754.3	753.4	754.6	19.1	10.1		
22	17.3	748.1	18.8	747.5	17.6	757.4	748.9	748.1	752.2	749.7	20.9	10.8		
23	15.6	752.3	16.0	753.8	14.9	759.3	753.4	756.7	760.4	756.8	16.1	5.7		
24	15.0	757.8	14.9	759.6	14.4	760.8	760.9	760.7	762.0	761.2	15.3	6.4		
25	14.4	763.2	16.2	763.0	14.6	763.2	764.4	763.9	764.2	764.2	17.1	5.8		
26	14.2	762.1	15.1	761.5	13.9	761.6	763.3	762.5	762.8	762.9	16.3	6.0		
27	13.2	762.7	15.6	760.2	14.4	760.0	762.1	761.1	761.1	761.4	17.3	4.4		
28	13.9	759.3	16.1	758.2	14.8	758.7	760.6	759.1	759.8	759.8	17.5	5.4		
29	15.3	758.3	16.7	758.3	16.1	758.4	759.3	759.2	759.4	759.3	17.8	8.3		
30	17.2	754.3	18.6	755.3	18.2	753.6	753.1	753.9	754.3	755.1	25.9	10.3		
31	18.8	756.2	20.7	748.4	18.7	761.3	758.6	758.7	761.9	759.1	21.4	14.3		
Sums 1–5	80.6	3790.1	88.8	3787.7	82.9	3765.9	3794.7	3791.7	3790.2	3792.0	92.3	40.7		
„ 6–10	79.3	3797.2	87.9	3798.1	80.6	3803.8	3802.1	3801.8	3808.5	3804.1	96.4	39.1		
„ 10–15	77.1	3823.1	87.0	3819.5	80.8	3818.7	3828.0	3823.7	3823.3	3824.9	93.5	35.6		
„ 16–20	87.6	3794.1	96.6	3789.0	89.8	3790.6	3797.9	3791.6	3793.8	3794.4	103.7	42.7		
„ 21–25	80.0	3778.7	84.2	3779.6	79.2	3787.4	3783.6	3783.7	3792.2	3786.5	88.5	38.8		
„ 26–31	93.6	4550.9	102.8	4551.9	96.1	4553.6	4557.0	4556.5	4559.3	4557.6	116.2	48.7		
Total Sums	499.2	23954.1	547.3	23957.8	509.4	23966.0	23943.3	23949.0	23967.3	23959.5	590.6	255.0		
Means	16.1	759.5	17.6	758.9	16.4	759.3	760.1	759.6	760.2	760.0	19.0	8.1		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	15.2	18.2	17.2	16.9	14.3	15.4	15.0	11.5	11.3	11.2	11.3	90	73	77	80.0
2	17.3	17.9	15.6	17.0	15.4	14.1	13.2	11.8	9.7	9.9	10.5	80	64	75	73.0
3	14.6	13.6	11.3	13.2	12.1	11.7	10.5	9.1	9.2	9.0	9.1	74	79	90	81.0
4	13.8	18.3	13.8	15.3	11.6	14.2	12.2	8.8	9.7	9.6	9.4	75	61	82	73.7
5	15.3	17.8	16.6	16.6	11.8	13.8	14.7	8.4	9.4	11.2	9.7	65	62	79	68.7
6	16.1	18.8	12.2	15.7	13.8	17.2	9.9	10.3	13.4	7.9	10.5	76	83	74	77.7
7	14.7	15.8	12.8	14.4	12.1	12.5	12.2	9.0	9.0	10.1	9.4	73	67	91	77.0
8	14.4	14.9	12.9	14.1	12.0	12.7	11.4	9.1	9.6	9.2	9.3	75	76	84	78.3
9	13.2	17.0	14.4	14.9	11.9	13.0	10.9	9.7	8.9	7.9	8.8	86	62	65	71.0
10	14.9	16.8	14.9	15.5	10.9	11.8	11.7	7.6	7.7	8.5	7.9	60	54	68	60.7
11	15.3	17.1	14.1	15.5	11.8	12.3	10.2	8.4	8.2	7.2	7.9	65	52	60	59.0
12	13.7	17.2	14.7	15.2	9.7	12.4	10.2	7.1	8.2	7.1	7.5	61	57	56	58.0
13	15.0	17.4	14.2	15.5	10.6	12.6	11.5	7.3	8.3	8.6	8.1	57	56	72	61.7
14	15.6	17.3	16.1	16.3	12.3	13.7	13.7	8.8	9.6	10.2	9.5	67	66	76	69.7
15	16.3	19.8	16.1	17.4	14.0	14.4	13.1	10.5	9.2	9.5	9.7	76	54	70	66.7
16	22.2	19.8	16.1	19.4	13.1	18.3	14.1	7.1	14.5	10.7	10.8	36	84	79	66.3
17	16.1	18.5	15.2	16.6	13.3	15.9	14.3	9.7	11.8	11.6	11.0	72	75	91	79.3
18	16.6	16.1	16.3	16.3	14.4	15.6	14.3	10.8	7.7	10.9	9.8	77	95	79	83.7
19	17.7	18.8	16.7	17.7	15.3	15.9	14.8	11.4	10.8	11.3	11.2	75	67	80	74.0
20	16.2	16.2	17.8	16.7	15.7	15.7	13.7	12.9	12.9	9.4	11.7	94	94	62	83.3
21	16.8	17.7	16.1	16.9	15.0	15.7	15.3	11.5	11.9	12.4	11.9	80	79	91	83.3
22	16.3	17.4	14.4	16.0	14.3	15.4	13.6	10.9	11.8	11.1	11.3	79	79	92	83.3
23	12.3	12.8	12.9	12.7	11.2	11.4	11.6	9.3	9.2	9.4	9.3	86	84	85	85.0
24	13.5	13.3	14.0	13.6	11.0	12.2	11.7	8.4	9.9	9.2	9.2	72	87	77	78.7
25	14.3	15.5	11.4	13.7	11.6	11.4	10.0	8.6	7.9	8.3	8.3	71	61	82	71.3
26	10.9	12.9	12.6	12.1	9.2	10.5	9.2	7.7	8.1	7.1	7.6	80	73	65	72.7
27	13.4	16.7	14.4	14.8	9.1	11.5	10.9	6.6	7.5	7.9	7.3	58	53	64	58.7
28	15.9	16.5	14.7	15.7	10.8	11.6	10.8	9.7	6.7	7.7	8.0	54	55	62	57.0
29	16.5	16.8	15.9	16.4	12.6	12.7	13.0	8.6	8.7	9.4	8.9	62	61	70	64.3
30	18.2	19.3	20.7	19.4	15.9	16.3	15.8	12.0	11.8	10.5	11.4	78	71	57	68.7
31	20.1	18.4	16.5	18.3	16.6	16.8	14.6	11.8	13.1	11.1	12.0	68	83	81	77.3
Sums 1–5	76.2	85.8	74.5	79.0	65.2	69.2	65.6	49.6	49.3	50.9	50.0	384	339	403	376.4
„ 6–10	73.3	83.3	67.2	74.6	60.7	67.2	56.1	45.7	48.6	43.6	45.9	370	342	382	364.7
„ 10–15	75.9	88.8	75.2	79.9	58.4	65.4	58.7	42.1	43.5	42.6	42.7	326	285	334	315.1
„ 16–20	88.8	89.4	82.1	86.7	71.8	80.8	71.2	51.9	57.7	53.9	54.5	354	415	381	386.6
„ 21–25	73.2	76.7	68.8	72.9	63.1	66.1	62.4	48.7	50.7	50.4	50.0	388	390	427	401.6
„ 26–31	95.0	100.6	94.8	96.7	74.2	79.4	74.3	56.4	55.9	53.7	55.2	400	386	399	398.3
Total Sums	458.4	524.6	462.4	489.8	393.4	428.1	388.3	294.4	305.7	295.1	298.3	2222	2167	2336	2241.7
Means	15.6	16.9	14.9	15.8	12.7	13.8	12.5	9.5	9.9	9.5	9.6	71.7	69.9	75.3	72.3

Barometer	**Maximum**	768.6	on 14th 8½ A.M.
„	**Minimum**	748.1	on 22d 2½ P.M.
Thermometer	**Maximum**	25.9 C	on 30th
„	**Minimum**	4.4 C	on 27th
Highest Temp.	**in Sun**		on
Lowest „	**on Grass**		on
Rainfall	**Maximum**	0.89 in	on 23rd

No. of days with:

rain	14
thunderstorms	0
fog	
gale	

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W	NW
8½ A.M	2		1	1	1	8		
2½ P.M	8	2	1			11	3	
8½ P.M	8	1	3			4	2	2
Totals								

)GICAL REGISTER;

PROTESTANT COLLEGE, BEIRÛT, SYRIA.

AT. 33° 54′ 22″ N.

OM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 meters; Max. 1.75; Min. 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.66 meters; above sea level 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

f vapour eters 8½	f vapour eters mean	Relative Moisture per cent. 8½	2½	8½	mean	Clouds. Clear— 0 Overcast—10 8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	Direction and force of Wind. 0 — 10 8½	2½	8½	Wind per day. miles Km.	Sea 2½ P.M	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm. A.M.	P.M.	Total.	Duration, 8½ P.M. Rain.	Shine.	Condition of Weather Symbols 8½ A.M.	2½ P.M.	8½ P.M.	Further Daily Notes.
7.2	11.3	90	73	77	80.0	4 cir		8 cir cir		3 cum cir		5.0	0	N.E.1	E.2		very sm						P²			~~P²~~
9.9	10.5	80	64	75	73.0	8 cum cir		4 cum		10 cum min		9.0	S.W.4	S.W.3	W.2		very rough									
.0	9.1	74	79	90	81.0	10 cum min		10 min cum		3 cum		8.0	W.4	S.W.1	0		V. rough	0.23		0.23						
.6	9.4	75	61	82	73.7	1 cum		1 cum	N.E.	0		0.6	0	S.W.1	0		V rough	0.34		0.34						
7.2	9.7	65	62	79	68.7	0		0		10 at		3.3	0	0	N.1		V. sm									
.9	10.5	76	83	74	77.7	9 min cum		10 at cum		10 min at		10.0	0	W.3	0		sm									
0.1	9.4	73	67	91	77.0	10 at cum cir		10 at cum cir		10 min		10.0	0	S.W.2	0		rough	0.20		0.20						
.2	9.3	75	76	84	78.3	10 min cum. cir		2 cum	S.E.	3 cum min	N.W.	5.0	S.W.1	N.E.1	0		sm	0.09		0.09						
.9	8.8	86	62	65	71.0	6 cum min-cir	S.E.	1 cum	E.	0		2.3	0	N.1	N.E.1		sm	0.33		0.33						
9.5	7.9	60	54	68	60.7	0		0		1 cum		0.3	0	N.1	N.2		Fam									
.2	7.9	65	52	60	59.0	1 cum	N.W.	1 cum		0		0.7	0	S.W.1	N.W.1		sm						P²	P²	P²	
.1	7.5	61	57	56	58.0	4 cum		1 cum		0		1.7	0	W.1	N.W.1		V. sm									
7.6	8.1	57	56	72	61.7	0		2 hazy cir	N.W.	0		0.7	0	0	0		V. sm									
0.2	9.5	67	66	76	69.7	10 hazy cir		2 cir		2 hazy cir	N.W.	4.7	N.2	N.2	N.3		rough						P²	P²		
7.5	9.7	76	54	70	66.7	10 at		10 at		8 at cum		9.3	0	0	0		V. sm									
10.7	10.8	36	84	79	66.3	0		8 cum		3 cum		3.7	S.W.1	S.W.5	S.W.3		rough									
11.6	11.0	72	75	91	79.3	5 cum		5 cum		2 cum min		4.0	S.W.3	S.W.2	0		rough	0.62		0.62						
10.9	9.8	77	85	79	83.7	5 cum cir		9 at cum		10 at cum		8.0	S.W.1	S.W.1	S.W.1		sm									
1.3	11.2	75	67	80	74.0	0		0		0		0	0	0	N.3		sm						P²	P²		
2.4	11.7	94	44	62	83.3	10 min cum		10 at		10 min cum		10.0	0	0	0		V. sm									
12.4	11.9	80	79	91	83.3	10 cir at		10 at		10 at min cum		10.0	0	N.1	E.1		V. sm	0.07		0.07						
11.1	11.3	79	79	92	83.3	10 cum min		10 at cum		10 min		10.0	S.E.2	N.3	0		rough	0.07		0.07						
9.4	9.3	86	84	85	85.0	10 min cum. at		10 min cum		4 cum		8.0	S.W.6	S.W.8	S.W.8		V. rough	0.89		0.89						8:15 A.M. hail for few moments
9.2	9.2	72	87	77	78.7	10 cum cum. at		10 min cum		5 cum		8.3	0	S.W.3	S.W.4		V. rough	0.06		0.06						
8.3	8.3	71	81	82	71.3	5 cum		9 cum		8 at cir		7.3	0	S.W.1	0		rough	0.48		0.48						
7.1	7.6	80	73	65	72.7	10 cum min		10 min cum		2 cum		7.3	S.1	0	N.2		sm	0.16		0.16						7:54 11:30 A.M. hail
7.8	7.3	58	53	64	58.3	1 cum	N.	2 cum	S.W.	0		1.0	0	N.1	N.2		sm	0.34		0.34						
7.7	8.0	54	55	62	57.0	3 cum cir		10 hazy cir		10 hazy cir		7.7	0	N.1	N.2		V. sm						P²			
9.4	8.9	62	61	70	64.3	9 cir cum		1 cir cum	E.	10 hazy cir		6.7	N.1	N.2	N.2		sm									
10.5	11.4	78	71	57	68.7	10 at		10 at min		3 hazy cir		8.3	E.1	S.1	E.1		sm									
11.1	12.0	68	83	81	77.3	10 hazy cir		9 min cum		10 cum min		9.7	S.W.4	W.2	W.1		sm	0.06		0.06						
50.9	50.0	384	339	403	376.4	23		28		26		25.9						0.57		0.57						
13.6	45.9	370	342	382	364.7	35		23		24		27.6						0.62		0.62						
42.6	42.7	326	285	334	315.1	25		16		10		17.1								8						
53.9	54.5	354	415	391	386.6	20		32		25		25.7						0.62		0.62						
50.4	53.0	388	390	427	401.6	45		49		37		43.6						1.57		1.57						
53.7	55.2	400	396	399	398.3	43		42		37		40.7						0.56		0.56						
295.1	298.3	2322	2167	2336	2241.7	191		190		159		1806														
																				3.94						
9.5	9.6	71.7	69.9	75.3	72.3	6.1		6.1		5.1		5.8								0.13						

umber of Daily Wind Observations.

SE	S	SW	W	NW	Calm	Totals
1	1	8			18	31
		11	3		6	31
		4	2	2	11	31

No. and make of:

Barometer 244 John Browning

Thermometers

Dry and Wet

Maximum

Minimum

Rain gauge

George Maier M.S.

OBSERVER.

TO .....

.....

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT (

Year 1904
Month April

LAT. 33° 54-22- N.

LONG. E. FROM GREENWICH 35° 28-

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	18.3	763.6	20.1	764.5	18.3	763.9	764.2	764.9	764.5	764.5	20.2	9.9		
2	17.7	758.4	18.2	758.6	16.9	760.3	760.2	760.3	761.1	760.5	21.5	6.8		
3	16.9	763.0	19.3	763.1	17.3	763.7	763.8	763.6	764.5	764.0	19.8	8.4		
4	16.7	762.6	18.3	761.1	17.0	760.0	763.4	761.8	760.8	762.0	18.6	7.2		
5	16.8	760.3	18.1	761.0	17.0	761.7	761.1	761.6	762.5	761.7	18.7	8.3		
6	16.7	761.8	18.2	761.6	16.7	761.3	762.7	760.3	762.2	762.4	19.3	7.5		
7	17.1	760.2	18.3	758.5	17.6	759.2	761.0	759.1	759.9	760.0	19.0	10.0		
8	16.4	759.5	18.0	761.0	16.7	762.7	760.4	761.7	763.6	761.9	18.9	11.6		
9	16.3	762.7	18.3	762.5	16.7	762.9	763.6	763.1	763.7	763.5	19.6	8.2		
10	17.6	760.4	20.1	759.4	18.2	759.2	761.1	758.8	759.9	759.9	24.3	8.2		
11	16.7	759.9	18.4	761.8	17.1	763.3	760.7	762.4	764.0	762.4	18.7	7.8		
12	16.6	757.7	18.5	766.5	16.9	766.5	766.5	767.1	767.3	767.0	19.6	7.5		
13	16.8	766.5	18.3	765.0	17.8	764.7	767.3	766.2	765.4	766.3	19.6	8.9		
14	17.9	762.5	20.1	763.3	18.8	760.6	763.2	761.7	761.1	762.0	21.3	12.0		
15	18.9	759.0	21.6	759.0	20.1	759.1	759.9	759.2	759.5	759.4	25.6	11.6		
16	19.2	759.6	20.8	759.6	19.4	758.7	760.1	759.9	759.2	759.7	21.7	10.7		
17	17.7	759.0	17.9	760.4	17.1	761.1	759.7	761.0	761.8	760.8	18.0	10.2		
18	17.2	761.6	18.7	763.5	17.5	762.9	763.4	764.1	763.7	763.7	20.1	8.9		
19	18.3	762.7	19.7	762.3	18.8	761.4	763.4	762.8	761.9	762.7	20.8	10.0		
20	19.2	761.5	21.8	761.5	21.1	761.0	762.0	761.6	761.2	761.6	28.7	10.9		
21	20.7	760.2	24.0	759.3	21.8	758.6	760.5	759.1	758.8	759.5	28.2	13.3		
22	23.6	758.3	26.1	757.1	22.6	756.6	758.2	756.7	756.6	757.2	30.8	14.7		
23	24.2	755.3	26.6	757.8	24.3	757.8	757.2	757.4	757.6	757.4	31.7	14.9		
24	25.0	757.6	24.2	756.2	21.7	756.7	757.4	756.0	756.9	756.4	27.4	18.4		
25	21.8	758.0	22.9	758.1	21.2	758.7	758.1	758.1	759.0	758.4	22.4	11.8		
26	21.1	759.5	22.4	758.8	20.1	758.4	759.7	759.9	758.8	759.1	22.5	12.2		
27	20.6	760.0	22.1	759.1	20.3	759.2	760.3	759.2	759.6	759.7	22.1	11.8		
28	19.4	758.4	22.6	757.8	20.6	757.3	756.9	757.9	757.7	757.8	26.8	11.6		
29	20.6	753.8	22.5	753.7	20.1	753.7	754.2	753.8	754.1	754.0	32.5	13.3		
30	18.9	755.8	20.4	755.3	19.1	755.5	754.4	755.8	756.0	755.4	20.9	8.3		
31														
Sums 1–5	76.4	380.9	94.0	380.3	86.5	380.6	382.7	382.2	382.4	382.7	98.8	41.1		
" 6–10	84.1	380.6	92.9	382.0	85.9	380.5	380.8	380.0	380.3	380.7	101.1	45.5		
" 11–15	86.9	383.6	96.9	384.2	90.7	384.2	383.2	384.6	383.3	384.1	104.8	47.8		
" 16–20	91.6	380.5	98.9	380.3	93.9	380.5	380.5	380.4	380.8	380.5	109.3	50.7		
" 21–25	115.5	377.4	123.8	376.5	111.6	376.4	377.4	378.5	378.9	378.4	140.5	73.1		
" 26–30	100.6	378.5	110.0	378.7	100.2	377.1	378.5	377.8	378.2	378.0	114.8	57.2		
Total Sums	554.9	2280.4	616.5	2287.0	568.8	2277.7	2280.1	2280.1	2281.9	2281.9	668.3	315.4		
Means	18.5	760.0	20.5	759.9	19.0	759.9	760.6	760.2	760.4	760.4	22.3	10.5		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	17.3	18.8	15.4	17.2	14.4	15.2	12.4	10.4	10.6	9.1	10.0	71	66	69	68.7
2	14.2	14.3	15.1	16.2	11.2	13.7	13.3	6.4	11.3	10.2	9.3	38	94	80	70.7
3	16.6	19.1	15.4	17.0	14.4	16.5	12.9	10.8	12.2	9.6	10.9	77	75	74	75.
4	16.6	17.2	15.3	16.4	12.6	14.6	12.7	8.7	10.8	9.4	9.6	62	74	73	68.7
5	15.7	17.6	13.8	15.7	12.4	15.0	11.9	8.9	11.1	9.3	9.8	67	74	79	73.
6	16.7	18.5	15.7	17.0	13.3	15.9	13.4	9.4	11.7	10.0	10.4	69	74	76	72.
7	16.1	17.0	14.9	16.0	13.8	13.9	12.7	10.3	9.9	9.6	9.9	77	69	76	74.
8	15.2	17.5	15.4	16.0	12.2	15.2	14.3	8.8	11.4	11.4	10.5	69	76	88	77.
9	15.7	18.6	14.1	16.1	13.1	16.0	12.2	9.6	11.9	9.4	10.3	79	75	78	75.
10	21.4	21.7	16.5	19.5	16.9	20.9	14.9	11.5	17.7	11.6	13.6	61	92	83	78.
11	14.8	17.3	15.0	15.7	14.2	16.3	14.3	11.7	13.1	11.6	12.1	94	89	92	91.
12	17.1	18.3	15.7	17.0	14.2	17.1	14.1	10.4	13.6	10.9	11.6	71	87	83	80.
13	17.2	18.3	18.0	17.8	13.4	17.5	16.3	11.9	14.3	12.6	12.9	82	92	82	85.
14	18.6	20.6	17.7	19.0	12.9	18.7	16.1	14.8	14.6	12.5	14.0	83	81	83	80.
15	18.5	24.1	18.9	20.5	16.4	17.7	17.8	12.4	11.3	14.3	12.7	79	51	87	72.
16	18.1	20.7	17.3	18.7	15.9	19.0	15.6	12.1	15.0	12.0	13.0	79	82	81	80.
17	16.6	16.9	16.1	16.5	13.3	16.3	15.4	9.5	13.4	12.5	11.8	68	94	93	85.
18	18.2	18.6	16.9	17.9	17.1	18.	16.7	13.7	15.	13.9	14.2	87	96	97	93
19	18.2	19.9	18.0	18.7	17.5	17.2	16.5	14.3	12.7	12.9	13.3	92	73	84	83
20	20.8	23.9	22.1	22.3	17.0	19.6	18.1	11.9	13.9	12.8	12.9	64	63	65	64
21	21.8	26.6	22.1	23.5	20.3	21.8	18.2	16.7	15.9	13.0	15.2	85	60	66	70
22	25.2	29.8	20.8	25.3	18.6	17.2	17.6	12.0	8.6	12.8	11.1	51	26	71	49.
23	30.4	29.0	23.1	27.5	19.4	18.0	17.8	10.7	9.6	11.9	10.7	33	32	56	40.
24	26.2	21.6	18.2	22.3	19.9	18.5	15.6	13.2	13.7	11.5	12.8	52	72	75	66
25	19.2	21.1	17.9	19.4	14.6	16.5	15.7	9.7	11.1	11.8	10.9	65	60	77	67.
26	19.4	21.4	17.8	19.5	16.7	17.6	15.4	12.3	12.4	11.5	12.1	74	66	76	72.
27	18.9	21.1	16.9	19.0	16.4	17.3	15.6	12.2	12.3	12.2	12.2	75	66	85	75.
28	17.1	23.3	19.9	20.8	16.1	16.9	16.2	12.9	9.8	11.3	11.3	90	42	66	66.
29	19.7	21.5	18.1	19.8	17.6	18.2	16.4	13.5	13.2	12.8	13.2	79	69	84	77.
30	17.7	18.4	17.0	17.7	13.7	14.9	14.9	9.3	10.5	11.2	10.3	61	68	78	68.
31															
Sums 1–5	85.4	87.0	75.0	82.5	65.0	75.0	63.2	45.2	56.0	47.6	49.6	345	383	375	357
" 6–10	85.1	93.3	76.6	84.6	69.2	81.9	67.5	49.6	62.6	52.0	54.7	349	386	401	378
" 11–15	86.2	98.6	85.3	92.0	78.1	87.3	78.6	61.0	66.9	61.9	63.3	419	400	427	449
" 16–20	91.9	100.0	90.4	94.1	80.8	90.2	82.3	61.5	70.1	64.1	65.2	390	408	410	406
" 21–25	122.8	128.1	102.1	117.7	92.8	92.0	84.9	62.3	58.9	61.0	60.7	286	250	349	289
" 26–30	92.8	107.7	89.7	96.8	80.5	84.9	78.5	60.2	58.2	59.0	59.1	379	310	389	359
Total Sums	544.2	614.7	519.1	576.7	466.5	511.5	455.0	339.8	372.7	345.6	352.6	2116	2138	2347	2121
Means	18.8	20.5	17.3	18.8	15.5	17.0	15.1	11.3	12.4	11.5	11.8	71.2	71.3	78.2	73.

Barometer Maximum 767.3 on 12 & 13 8 P.M. & 8 A.M.
" Minimum 751.9 on 28
Thermometer Maximum 31.7 C on 23
" Minimum 6.8 C on 2
Highest Temp. in Sun on
Lowest " on Grass on
Rainfall Maximum 0.57 in on 11

No. of days with:

rain ...7...
thunderstorms ...2...
fog ...7...
gale .....

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W
8½ A.M	2	3				6	5
2½ P.M	3	2	2			9	5
8½ P.M	5	3	4			7	4
Totals	10	8	6			22	14

OGICAL REGISTER;

PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

ROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 meters; **Max.** 1.75; **Min.** 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.56 meters; **above sea level** 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

of vapour meters 8½	mean	Relative Moisture per cent. 8½	2½	8½	mean	Clouds. Clear— 0 Overcast—10 8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	Direction and force of Wind. 0 — 10 8½	2½	8½	Wind per day. miles Km.	Sea 2½ P.M.	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm. A.M.	P.M.	Total.	Duration, 8½ P.M. Rain.	Shine.	Condition of Weather Symbols 8½ A.M.	2½ P.M.	8½ P.M.	Further Daily Notes.
9.1	10.0	71	66	69	68.7	3 cum		5 cum cir		0		2.7	W.1	X.W.2	W.1		rough									
10.2	9.3	38	94	80	70.7	1 cir	N.W	10 st nim		8 cum nim		6.3	0	S.W.2	S.W4		rough									few drops
9.6	10.9	77	75	74	75.3	3 cum		5 cum		2 cum		3.3	0	S.W.2	S.W.2		S. rough									
9.4	9.6	62	74	73	69.7	5 cum cir		9 st cir		3 cir	N.E.	5.7	0	0	N.1		rough									
9.3	9.8	67	74	79	73.3	6 cum cir		1 cum	E.	0		2.3	0	N.W.1	0		rough	0.13		0.13						
10.0	10.4	69	74	76	72.3	1 cum	N.W	3 cum cir		5 cum cir		3.0	0	N.W.1	N.1		rough									
9.6	9.9	77	69	76	74.0	10 nim st		9 nim cir		10 cum		10.0	0	N.W.1	0		V. rough									
11.4	10.5	69	76	88	77.7	4 nim cum		6 cum		8 nim cir		6.0	W.3	W.4	W.2		rough	0.37		0.37						
9.4	10.3	73	75	78	75.3	9 cum cum		1 cum	E.	0		3.3	W.1	S.W.2	0		rough	0.06		0.06						
11.6	13.6	61	92	83	78.7	0		2 cum	S.E.	10 cum		4.0	0	S.W.3	S.W.3		rough									
11.6	12.1	94	89	92	91.7	10 cum		6 cum		7 cum		8.0	S.W.5	S.W.2	W.1		V. rough	0.51		0.51						few drops from yesterday
10.9	11.6	71	89	83	80.3	0		1 cum	E.	0		0.3	0	N.W.1	N.1		rough									
12.6	12.9	82	92	82	85.3	0		0		0		0	N.2	N.2	N.2		rough									
12.5	14.0	93	81	83	85.7	0		0		0		0	N.1	N.1	N.E.1		rough									
14.3	12.7	79	51	87	72.3	0		0		0		0	S.W.1	0	0		S. rough									
12.0	13.0	79	82	81	80.7	0		1 cum	E.	0		0.3	S.W.4	S.W.1	S.W.2		rough								V	in North 8.40 P.M.
12.5	11.8	68	94	93	85.0	10 st cum		3 hazy air		2 hazy air		5.0	N.E.2	N.4	N.E.1		V. rough									
13.9	14.2	87	96	97	93.3	0		0		0 hazy air		3.3	0	N.E.2	N.3		rough									
12.9	13.3	92	73	84	83.0	10 hazy air		10 hazy air		1 hazy air	W.	7.3	N.E.1	N.E.1	N.E.1		rough									
12.8	12.9	64	63	65	64.0	0		0		0		0	0	0	0		rough									around horizon all day long
13.0	15.2	85	60	66	70.3	0		5 hazy air		0		2.0	0	0	E.1		rough									around horizon
12.8	11.1	51	26	71	49.3	10 hazy air		10 hazy air		0		7.0	N.E.1	E.1	E.1		rough									
11.9	10.7	33	32	56	40.3	0		1 cum	E.	0		0.3	0	E.1	E.1		V. rough									
11.5	12.8	52	72	75	66.3	10 cir cum		10 cir hazy		10 hazy air		10.0	0	S.W.5	S.W.4		rough									around horizon
11.8	10.9	65	60	77	67.3	10 cum		8 cum cir		9 cum		9.0	S.W.3	S.W.4	S.W.2		V. rough									" "
11.5	12.1	74	66	76	72.0	6 cum		5 cum		10 st cum		7.0	S.W.2	W.3	W.2		V. rough									" " Bt in N
12.2	12.2	75	66	85	75.3	2 cum		1 cum	E.	10 hazy air		4.3	W.1	S.W.2	0		rough	0.16		0.16						" "
11.3	11.3	90	42	66	66.0	10 cum nim		10 st		10 st		10.0	0	0	E.1		V. rough	0.10		0.10						" "
12.8	13.2	79	69	84	77.3	10 cum st		10 cum cir		10 st cum		10.0	W.2	W.2	S.W.1		rough									" "
11.2	10.3	61	68	78	69.0	6 cum nim		10 cum st		8 cir cum		8.0	S.W.5	W.2	0		rough	0.39		0.39						" "
47.6	49.6	315	383	375	357.7	18		30		13		20.3								0.13						
32.0	34.7	347	386	401	378.0	24		21		33		26.3								0.43						
61.9	63.3	419	400	427	415.3	10		7		7		8.3								0.51						
64.1	65.2	390	408	410	406.0	20		14		13		15.6														
61.0	60.7	286	350	345	293.5	80		34		9		28.3														
59.0	59.1	379	311	389	359.6	24		36		48		19.3								0.65						
35.6	35.6	2.36	2.38	3.47	2.30.1	136		142		136		138.1								1.72						
11.5	11.8	71.2	71.3	78.2	73.7	4.5		4.7		4.5		4.6								0.057						

Number of Daily Wind Observations.

S E	S	S W	W	N W	Calm	Totals
		6	5		14	30
		9	5	4	5	30
		7	4		7	30
		22	14	4	26	90

No. and make of:

Barometer 2444 { J. Browning London

Thermometers

Dry and Wet { 757112 / 757111

Maximum { 15784 J. Browning

Minimum { 10857 J. Casella London

Rain gauge

George Mair M.S.

OBSERVER.

TO .....

.....

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT

Year 1904
Month May

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	18.9	756.2	20.6	757.0	18.5	757.9	758.7	759.3	758.5	757.5	21.8	9.0		
2	19.1	760.5	20.8	761.4	19.8	762.0	761.0	761.7	762.5	761.7	21.9	11.4		
3	19.2	762.6	21.6	763.1	19.8	763.4	763.1	763.2	763.8	763.4	21.9	9.7		
4	19.3	762.7	21.6	762.6	19.3	762.6	762.2	762.8	763.1	763.0	22.8	10.1		
5	19.2	762.7	21.7	761.9	19.1	761.4	762.2	762.1	761.9	762.4	22.1	10.0		
6	19.1	758.8	20.4	758.6	18.5	758.6	759.2	758.9	759.2	759.1	21.2	10.0		
7	19.3	758.4	21.1	758.8	19.4	758.0	758.9	759.1	758.5	758.8	22.5	9.7		
8	20.0	759.4	21.1	760.1	19.3	760.9	759.9	760.5	761.4	760.5	21.8	10.6		
9	20.1	760.0	22.1	761.3	20.1	761.2	762.4	761.5	761.6	761.8	22.7	11.1		
10	20.6	760.3	22.7	760.4	21.1	760.6	760.6	761.4	760.9	760.6	23.3	11.9		
11	21.3	759.9	22.1	759.6	20.3	758.3	760.2	759.8	758.7	759.6	22.6	11.7		
12	21.7	759.0	23.2	759.3	22.3	760.1	759.2	759.3	760.2	759.6	24.3	13.6		
13	21.8	761.7	23.4	761.7	21.7	761.3	761.8	761.6	761.5	761.6	24.3	13.3		
14	22.0	762.3	23.3	762.0	21.7	761.8	762.5	762.0	762.0	762.2	24.4	13.1		
15	21.4	761.7	23.2	761.9	21.6	762.0	761.9	761.9	762.2	762.0	24.4	11.9		
16	22.0	761.1	23.7	761.2	21.6	761.5	761.2	761.1	761.7	761.3	26.2	12.7		
17	21.4	762.7	22.4	763.4	20.6	762.4	763.0	763.5	762.7	763.1	24.2	12.2		
18	20.6	761.7	22.6	761.3	21.2	762.2	762.0	761.4	762.4	761.9	23.8	11.1		
19	21.1	763.3	23.3	763.6	21.6	763.1	763.5	762.6	763.3	763.5	24.7	11.9		
20	21.6	762.8	23.3	762.5	22.2	761.7	763.0	762.5	761.8	762.4	25.4	12.7		
21	22.5	760.3	24.3	759.2	22.4	758.7	760.4	759.0	758.8	759.4	25.6	13.6		
22	23.0	757.5	24.3	756.1	24.6	755.5	757.5	756.0	755.5	755.6	27.3	15.0		
23	23.8	758.8	25.9	758.3	22.8	759.1	758.7	758.1	759.1	758.0	26.4	16.7		
24	22.8	760.0	25.0	761.4	23.0	760.6	760.0	760.2	760.6	760.3	26.8	13.3		
25	22.8	761.6	24.3	761.5	22.5	759.7	760.6	760.3	759.8	760.2	25.3	14.5		
26	23.0	759.8	24.6	759.8	23.4	758.7	759.8	759.6	758.6	759.3	25.8	14.8		
27	24.1	757.4	25.3	756.6	23.6	755.6	757.3	756.3	755.5	756.4	26.5	16.7		
28	24.4	754.3	26.3	753.8	23.9	753.8	754.2	753.4	753.7	753.4	27.7	17.2		
29	24.6	759.0	26.2	759.6	24.6	760.4	758.8	759.2	760.3	759.4	28.6	16.8		
30	23.7	762.5	25.1	761.9	23.2	761.4	762.4	761.6	761.4	761.8	26.3	13.9		
31	23.0	760.5	25.1	760.4	23.9	759.9	760.5	760.2	759.8	760.2	26.3	14.5		
Sums 1–5	95.7	3804.7	106.3	3806.0	96.9	3807.3	3809.2	3807.1	3809.8	3808.0	110.5	50.2		
„ 6–10	99.1	3798.9	107.4	3799.2	98.4	3799.3	3801.0	3800.2	3801.6	3800.8	111.5	53.3		
„ 10–15	108.2	3804.6	115.2	3804.5	107.6	3803.5	3805.6	3804.6	3804.6	3805.0	120.0	63.6		
„ 16–20	106.7	3811.6	115.3	3812.0	107.2	3810.9	3812.7	3812.1	3811.9	3812.2	104.9	70.6		
„ 21–25	114.7	3795.2	121.8	3794.5	115.3	3791.6	3795.2	3793.6	3791.6	3793.5	131.4	73.1		
„ 26–31	142.8	4553.5	152.6	4551.1	142.6	4551.8	4553.0	4550.4	4551.3	4551.5	161.2	93.9		
Total Sums	667.2	23580.5	718.0	23567.3	668.0	23564.4	23574.7	23567.9	23570.8	23571.0	738.9	404.7		
Means	21.5	760.3	23.2	760.2	21.5	760.1	760.5	760.2	760.3	760.3	23.8	13.0		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	18.3	20.0	16.4	18.2	15.4	16.7	14.8	11.2	11.9	11.5	11.5	72	68	83	74
2	18.2	20.4	16.7	18.4	15.5	17.2	15.6	11.4	12.4	12.3	12.0	74	69	87	76
3	18.8	20.7	16.7	18.7	16.0	17.1	12.7	11.7	12.1	8.7	10.8	73	66	61	66
4	18.4	21.3	17.3	19.0	16.3	17.1	14.7	12.3	11.8	10.8	11.6	79	63	74	72
5	19.3	21.1	18.0	19.8	15.7	17.3	15.5	11.0	12.2	11.5	11.6	66	66	75	69
6	19.4	19.8	14.6	17.9	15.8	16.4	13.9	11.1	11.8	11.4	11.4	66	68	92	75
7	19.3	21.4	18.8	19.8	16.9	17.7	16.4	12.7	12.6	12.3	12.5	76	67	76	73
8	20.3	20.9	18.4	19.9	17.2	17.6	16.4	12.5	12.6	12.5	12.5	70	69	80	73
9	20.3	22.0	17.8	20.0	17.8	17.8	16.1	13.4	12.4	12.5	12.8	76	63	82	73
10	21.2	21.1	19.3	20.5	18.1	17.7	17.1	13.3	12.8	13.0	13.0	71	70	78	73
11	19.4	21.3	19.3	20.0	17.2	18.1	17.7	13.0	13.2	14.0	13.4	78	69	84	77
12	21.1	22.6	20.3	21.3	18.8	19.4	18.4	14.5	14.5	14.3	14.4	77	71	81	76
13	21.2	22.1	18.7	20.7	18.3	18.4	17.3	13.6	13.2	13.6	13.5	73	66	85	74
14	20.9	23.6	19.1	21.2	17.7	18.6	17.1	12.9	12.6	13.0	12.8	71	58	80	69
15	21.1	22.7	19.3	21.0	17.7	19.3	17.4	12.7	14.3	13.4	13.5	69	71	81	73
16	20.8	23.2	19.3	21.1	17.7	18.3	16.2	12.9	12.5	11.6	12.3	71	60	70	67
17	19.9	22.7	18.2	20.3	16.3	17.6	11.3	11.5	11.8	11.3	11.5	67	58	73	66
18	20.8	22.7	18.6	20.7	16.7	17.7	16.2	11.5	11.9	12.0	11.8	62	57	76	65
19	21.5	23.7	19.8	21.7	17.9	19.2	17.8	12.8	13.5	13.7	13.3	67	61	79	69
20	21.7	23.7	20.5	22.0	19.4	20.0	18.1	15.0	14.7	13.6	14.4	78	68	76	74
21	21.6	24.4	21.1	22.4	19.8	20.1	18.8	15.8	14.4	16.2	15.5	82	64	87	77
22	22.8	24.6	26.3	24.6	20.6	22.0	20.1	16.3	12.6	18.4	15.8	79	76	55	69
23	22.7	22.1	21.7	22.2	20.3	20.2	16.1	16.0	16.2	10.3	14.2	78	82	53	71
24	22.3	24.8	19.8	22.3	19.2	20.8	18.6	14.3	15.4	15.1	14.9	71	66	88	75
25	22.0	24.2	21.2	22.5	19.5	21.1	20.0	15.0	16.2	16.4	15.9	77	72	87	78
26	22.6	23.9	21.9	22.8	20.3	20.9	19.4	15.9	16.2	14.9	15.7	79	73	76	76
27	24.9	24.7	23.8	24.5	19.2	21.0	20.6	18.4	15.8	15.6	14.9	58	68	71	65
28	25.6	25.9	23.2	24.9	20.7	21.6	18.8	14.6	16.0	13.2	14.6	60	64	62	62
29	24.3	27.3	21.5	24.4	18.2	20.4	20.1	11.8	13.4	16.3	13.8	52	49	85	62
30	23.2	25.1	21.5	23.3	18.3	19.3	18.8	12.6	12.9	14.2	13.2	59	54	74	62
31	22.7	24.6	21.4	22.9	19.4	19.9	18.3	14.5	14.1	13.5	14.0	71	62	67	64
Sums 1–5	93.0	103.5	79.1	94.1	78.9	85.4	73.3	57.6	60.4	54.8	57.5	364	332	380	352
„ 6–10	100.5	105.2	88.9	98.1	85.8	87.2	79.9	63.0	62.2	61.7	62.2	359	337	408	368
„ 10–15	103.7	112.3	96.7	104.2	89.7	93.8	87.9	66.7	67.8	68.3	67.6	368	335	411	371
„ 16–20	104.7	116.0	96.4	105.8	88.0	92.8	79.6	63.7	64.4	62.2	63.3	345	364	374	341
„ 21–25	111.4	120.1	110.1	114.0	99.4	104.2	94.6	77.4	79.8	71.4	76.3	387	360	368	377
„ 26–31	143.3	151.5	133.3	142.8	116.1	123.1	116.0	82.8	88.4	87.7	86.2	377	370	429	392
Total Sums	656.6	701.6	604.5	659.0	557.9	586.5	531.3	411.2	429.0	406.1	413.1	2202	2038	2370	[illegible]
Means	21.2	22.7	19.5	21.2	18.0	18.9	17.1	13.3	13.6	13.1	13.3	71.0	65.7	76.4	71

Barometer	Maximum	763.8	on 3
„	Minimum	753.4	on 28
Thermometer	Maximum	28.6	on 29
„	Minimum	9.0	on 1
Highest Temp.	in Sun		on
Lowest „	on Grass		on
Rainfall	Maximum	0.29 in	on 17

No. of days with:

rain	4
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W
8½ A.M	1	0	1	0	0	8	14
2½ P.M	4	5	0	0	0	12	18
8½ P.M	4	2	4	0	0	13	6
Totals	9	7	5	0	0	13	38

_OGICAL REGISTER;

N PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

E. FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 **meters;** **Max.** 1.75; **Min.** 1.70 **meters**
Height of Rim of Rain Gauge:
Above ground 0.56 **meters;** **above sea level** 30.31 **meters**
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

Elasticity of vapour Millimeters			Relative Moisture per cent.				Clouds. Clear— 0 Overcast—10 (L = along horizon)							Direction and force of Wind. 0 — 10			Wind per day. miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. ~~6-8½ P.M.~~ inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes.
2½	8½	mean	8½	2½	8½	mean	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½		2½ P.M.	A.M.	~~P.M.~~	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
11.9	11.5	11.5	72	68	87	74.3	10 cir		10 cir fog cir		3 cir		8.0	0	W.2	E.1		rough	0.21		0.21						
12.4	12.3	12.0	74	69	87	76.7	10 cir		6 cir		0		5.3	NW.2	W.2	0		sm.	0.08		0.08						
12.1	8.7	10.8	73	66	61	66.7	1 cir		8 cir		0		3.0	NW.1	W.2	0		sm.	~~0.19~~		~~0.19~~			L			
11.8	10.8	11.6	79	63	74	72.0	3 cir		1 cir		0		1.3	W.1	W.1	S.W.1		v. sm						L			
12.2	11.5	11.6	66	66	75	69.0	1 cir	L.	1 cir	L.	2 cir	L.	1.3	S.W.1	W.1	NE.2		sm									
11.8	11.4	11.4	66	68	92	75.3	10 fog cir		10 cir		10 cir		10.0	E.1	0	E.1		sm									
12.6	12.3	12.5	76	67	76	73.0	2 cir		3 cir		8 fog cir		4.3	0	W.1	NE.3		v. sm	0.15		0.15						
12.6	12.5	12.5	70	69	80	73.0	1 fog cir		1 cir	E.	0		0.7	N.2	N.2	0		rough									
12.4	12.5	12.8	76	63	82	73.7	1 cir	L.	1 cir	L.	0		0.7	W.2	W.2	0		sm									in N.
12.8	13.0	13.0	71	70	78	73.0	1 cir	L.	10 cir		10 cir		7.0	W.1	W.2	0		rough									along horizon ~~in N.~~
13.2	14.0	13.4	78	69	84	77.0	10 cir		0		0		3.3	W.1	N.1	N.2		sm						L			along horizon
14.5	14.3	14.4	77	71	81	76.7	10 cir		2 cir	E.	10 cir		7.3	S.W.1	W.1	W.1		sm									along horizon
13.2	13.6	13.5	78	66	85	74.7	8 cir		0		0		2.7	S.W.1	W.2	0		sm									
12.6	13.0	12.8	71	68	80	69.7	8 cir		1 cir	E.	1 cir	L.	3.3	NW.1	W.2	S.W.1		v. sm						L			
14.3	13.4	13.5	69	71	81	73.7	0		6 cir		0		2.0	W.1	W.2	0		sm									in N.
12.5	11.6	12.3	71	60	70	67.0	10 cir		6 cir		2 cir	NE.W	6.0	S.W.2	S.W.2	W.1		rough									in N.
11.8	11.3	11.5	67	58	73	66.0	4 cir	L.	1 cir		0		2.0	W.2	W.2	W.1		v. rough	0.29		0.29						
11.9	12.0	11.8	62	57	76	65.0	5 cir		1 cir	L.	1 cir		2.3	W.1	W.2	W.1		rough									in N.
13.5	13.7	13.3	67	61	79	69.0	2 cir	L.	1 cir	L.	0		1.0	S.W.2	W.3	W.1		sm									along horizon ~~in N.~~
14.7	13.6	14.4	78	68	76	74.0	1 fog cir		0		0		0.3	W.1	W.2	0		sm									along horizon
14.4	16.2	15.5	82	64	87	77.8	fog cir	S.E.	0		0		0.3	W.1	NE.2	N.1		sm									along horizon
12.6	19.4	15.8	79	76	53	69.3	0		1 cir	E.	10 fog		9.7	NW.1	NE.3	E.2		rough									along horizon — all around
16.2	10.3	14.2	78	82	53	71.0	0		10 cir		0		3.3	S.W.5	S.W.6	W.2		rough									few drops — along horizon
15.4	15.1	14.9	71	66	88	75.0	1 cir	NW	0		0		0.3	W.1	W.1	0		sm									
16.2	16.4	15.9	77	72	87	78.7	0		0		0		0	W.2	N.1	N.2		v. sm									along horizon
16.2	14.9	15.7	79	73	76	76.0	1 cir	NW	5 fog cir		10 fog cir		5.3	W.1	N.2	0		sm									
15.8	15.6	14.9	78	68	71	65.7	10 fog cir		1 cir	E.	0		3.7	NW.1	NE.3	E.1		rough									
16.0	13.2	14.6	60	64	62	62.0	0		2 cir	E.	1 cir		1.0	W.1	NE.1	N.7		sm									all around; from 7½-8½ P.M.
13.4	16.3	13.8	52	49	85	62.0	6 cir	NE.W	8 fog cir		8 fog cir	SE	7.3	N.W.1	W.2	0		v. rough									few drops
12.9	14.2	13.2	59	54	74	62.3	0		0		0		0.0	S.W.1	NE.2	0		sm									
14.1	13.5	14.0	71	62	61	64.7	1 cir	S.	1 cir	E.	0		0.7	S.W.2	NW.1	S.W.1		v. sm									
604	548	557	364	332	380	358.7	25		26		5		18.9						0.29		0.29						
622	617	622	359	337	408	368.0	15		25		28		22.7						0.15		0.15						
678	683	676	368	335	411	371.4	36		9		11		18.6														
644	622	633	344	304	374	341.0	22		9		3		11.6						0.29		0.29						
798	714	763	387	360	368	371.8	2		11		10		7.6														
884	877	862	377	370	429	392.7	18		17		19		18.0														
429.0	406.1	413.1	2202	2038	2970	2209.6	118		97		76		97.4								0.73						
13.6	13.1	13.3	76.0	65.7	76.4	71.1	3.8		3.1		2.4		3.1								0.023						

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
1	0	0	8	14	5	2	31
0	0	0	2	18	1	1	31
4	0	0	3	6	0	12	31
5	0	0	13	38	6	15	93

No. and make of:

Barometer 2414 } John Browning
Thermometers
Dry and Wet } 757112 / 757111
Maximum } 15766 J. Browning
Minimum } 10857 L. Casella
Rain gauge } —

G. Maier M.D.

OBSERVER.

TO .....

.....

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

Year *1904*
Month *June*

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	22.8	758.4	25.2	758.1	28.0	755.7	758.4	757.8	755.7	757.3	26.0	13.3		
2	23.3	756.0	24.4	757.9	22.8	758.7	757.9	757.7	758.8	757.5	25.8	14.5		
3	22.5	761.0	24.4	762.6	22.8	762.9	761.1	762.4	762.9	762.1	26.2	14.0		
4	22.7	763.5	18.6	763.7	22.7	763.2	763.5	763.6	763.2	763.4	25.7	13.3		
5	22.9	763.7	24.9	763.0	23.2	762.5	763.7	762.8	762.4	763.0	25.8	13.8		
6	23.3	761.2	25.4	760.8	23.6	759.7	761.2	760.4	759.6	760.4	26.9	14.8		
7	23.9	760.9	25.6	758.0	24.4	757.7	760.7	757.6	757.6	758.6	27.1	14.9		
8	24.6	758.9	26.4	759.2	24.3	759.1	758.7	758.8	759.0	758.8	27.4	15.2		
9	24.8	760.4	25.7	760.2	24.3	760.1	760.2	759.9	759.9	760.0	26.5	15.6		
10	24.5	759.9	26.6	759.8	24.7	759.3	759.7	759.3	759.3	759.4	27.4	17.1		
11	25.7	759.8	26.8	759.3	25.3	759.0	759.4	758.8	758.7	759.0	27.9	16.8		
12	25.4	758.7	27.4	758.7	25.6	757.9	758.4	758.1	757.6	758.0	28.3	17.2		
13	25.9	758.1	27.8	757.9	26.1	757.7	757.7	757.3	757.3	757.4	29.1	16.8		
14	25.6	758.1	27.8	758.0	26.1	758.0	757.7	757.4	757.6	757.6	28.3	15.6		
15	26.1	758.0	27.9	758.5	26.4	758.6	757.6	757.8	758.1	757.8	28.7	16.6		
16	26.7	758.2	28.4	759.4	26.7	759.1	758.7	758.7	758.7	758.7	30.4	17.7		
17	26.3	760.2	28.2	762.5	26.6	760.0	759.7	759.8	759.5	759.7	28.9	17.6		
18	26.1	759.5	27.8	759.2	26.1	758.8	759.1	758.6	758.4	758.7	28.4	16.6		
19	25.7	759.1	28.2	757.8	26.7	757.6	757.7	757.1	757.1	757.3	28.6	16.7		
20	26.8	758.7	28.3	759.4	26.4	760.5	758.2	758.7	760.0	758.0	28.8	17.2		
21	26.1	760.7	27.9	761.2	26.1	761.1	760.3	760.5	760.7	760.5	28.6	16.8		
22	26.1	761.2	28.4	760.9	26.8	760.2	760.8	760.2	759.7	760.2	29.4	16.8		
23	27.4	759.5	28.4	758.5	26.7	758.1	759.0	757.8	757.6	758.1	29.3	17.0		
24	26.0	757.5	28.2	757.2	26.6	757.0	757.1	756.5	756.5	756.7	29.4	16.9		
25	26.6	757.8	28.3	757.5	26.8	757.1	757.3	756.8	756.6	756.9	29.2	17.2		
26	26.4	757.6	28.9	757.9	26.8	758.0	757.1	757.1	757.5	757.2	30.1	17.1		
27	26.2	757.9	28.7	758.4	26.5	758.3	757.5	757.7	757.8	757.7	29.3	17.1		
28	25.8	758.4	28.8	758.7	27.1	758.9	758.0	757.9	758.4	758.1	30.4	16.7		
29	25.9	758.3	28.6	757.9	26.7	757.4	757.9	757.2	756.9	757.3	29.9	16.1		
30	26.2	757.1	28.7	757.8	26.7	756.2	756.7	756.0	755.7	756.1	30.0	17.2		
31														
Sums 1–5	114.2	3802.6	123.0	3805.3	114.5	3803.0	3802.6	3800.4	3803.0	3803.3	129.5	68.9		
„ 6–10	121.1	3801.3	129.1	3798.0	121.3	3795.7	3800.5	3796.6	3795.4	3797.2	135.3	77.6		
„ 10–15	128.7	3792.7	137.7	3792.4	129.5	3791.2	3790.8	3789.4	3789.3	3789.8	142.3	83.0		
„ 16–20	131.6	3795.7	141.9	3796.5	132.5	3796.0	3793.4	3792.9	3795.7	3794.4	145.1	85.8		
„ 21–25	131.9	3798.7	141.2	3795.3	133.0	3795.5	3794.5	3791.8	3791.1	3792.4	145.9	84.7		
„ 26–31	130.5	3793.3	145.7	3791.7	133.8	3788.8	3787.2	3785.9	3786.3	3786.4	144.7	84.2		
Total Sums	758.0	22783	815.0	22770	764.6	22766.4	22761.0	22760.3	22758.8	22760.5	846.8	484.2		
Total Means	25.3	759.3	27.2	759.2	25.5	758.9	759.0	758.7	758.6	758.7	28.1	16.1		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	22.9	24.7	20.0	22.5	18.2	18.9	17.6	12.5	12.5	13.3	12.8	60	54	77	62.7
2	22.3	24.3	20.4	22.3	17.1	17.6	16.6	11.3	11.1	11.6	11.3	56	49	65	56.7
3	21.2	24.8	20.6	22.2	17.1	19.3	17.4	11.8	13.1	12.6	12.5	63	57	70	63.7
4	22.4	24.1	21.2	22.7	18.2	19.6	18.2	12.8	16.1	13.5	14.1	63	60	72	65.0
5	23.1	24.5	22.1	23.2	19.3	19.4	19.4	14.0	13.3	14.8	14.0	67	59	75	67.0
6	23.7	25.6	22.1	23.8	19.3	20.9	19.4	13.7	15.0	14.8	14.5	63	61	75	66.3
7	23.7	20.9	22.1	22.2	20.1	21.0	20.3	14.9	15.0	16.4	15.4	68	60	83	70.3
8	23.8	25.3	22.1	23.7	20.7	20.9	19.9	15.9	15.3	15.7	15.6	73	64	80	72.3
9	23.7	24.9	22.7	23.8	19.8	20.1	19.8	14.4	14.2	15.1	14.6	66	61	74	67.0
10	25.1	25.4	23.3	24.6	21.0	21.2	20.0	15.5	15.7	16.0	15.7	65	65	75	68.3
11	25.2	26.9	25.7	25.9	21.6	22.6	25.7	16.5	17.0	16.1	16.5	70	64	66	66.7
12	24.6	26.6	23.4	24.9	21.1	22.9	22.2	16.6	17.8	18.9	17.8	72	68	88	76.0
13	24.9	27.5	23.4	25.3	22.3	23.8	21.9	18.0	19.0	18.3	18.4	77	70	85	77.3
14	25.4	26.7	23.8	25.3	21.9	22.6	22.0	16.8	17.1	18.3	17.4	70	65	83	72.7
15	26.2	27.3	23.8	25.8	23.0	22.8	22.2	18.3	17.2	18.6	18.0	78	63	85	73.7
16	25.9	27.6	23.7	25.7	22.8	23.3	21.9	18.2	18.8	18.0	18.0	72	65	82	73.0
17	25.2	27.6	23.7	25.5	20.7	21.7	20.3	14.9	15.1	15.2	15.1	62	53	70	62.3
18	25.0	27.1	23.8	25.3	20.5	21.5	20.8	14.7	15.1	16.0	15.3	63	56	72	63.7
19	24.8	27.6	24.2	25.5	21.1	22.3	21.3	15.8	16.2	16.6	16.2	68	57	74	67.0
20	25.5	27.5	23.8	25.5	21.8	22.4	21.6	16.6	16.4	17.5	16.8	68	60	80	69.3
21	24.9	27.4	23.7	25.3	21.1	22.1	21.0	15.8	15.8	16.4	16.0	68	58	75	67.0
22	25.9	28.6	24.4	26.3	22.1	23.6	22.5	16.8	17.7	18.7	17.7	68	61	82	70.3
23	26.7	27.7	24.2	26.2	23.3	23.1	21.7	18.4	17.4	17.3	17.7	71	62	78	70.3
24	25.9	28.2	23.8	27.0	22.0	22.4	21.2	16.7	16.0	16.7	16.5	67	56	75	72.7
25	24.8	27.2	24.1	25.4	21.1	22.0	21.4	15.8	15.8	17.0	16.2	68	58	76	67.3
26	26.1	28.7	24.7	26.5	22.7	23.8	22.8	17.8	18.1	19.0	18.3	71	62	82	71.7
27	26.0	28.8	24.4	26.4	22.8	24.2	22.6	18.0	18.7	18.9	18.5	72	63	83	72.7
28	26.0	28.8	24.3	26.4	22.7	23.4	21.6	17.8	17.2	17.0	17.3	71	58	76	68.3
29	25.8	28.2	24.7	26.2	21.4	22.9	21.8	15.8	16.7	17.1	16.5	63	59	74	65.3
30	26.4	28.3	24.9	26.5	22.6	23.4	22.6	17.9	17.5	18.4	17.7	67	60	79	68.7
31															
Sums 1–5	111.9	122.8	104.3	112.9	89.9	84.8	89.2	62.4	66.1	65.8	64.7	309	279	359	315.7
„ 6–10	120.0	122.1	112.3	118.1	100.9	104.1	111.0	74.4	76.2	78.0	75.8	335	311	387	344.2
„ 10–15	126.3	135.0	120.1	127.2	109.9	114.7	114.0	86.2	88.1	90.2	88.1	362	330	407	366.4
„ 16–20	126.4	137.2	119.2	127.5	106.9	111.2	105.9	80.2	80.6	83.3	81.4	333	295	378	335.3
„ 21–25	128.2	139.1	120.2	130.2	109.6	113.2	107.8	83.5	82.7	86.1	84.1	342	295	386	347.6
„ 26–31	130.3	142.8	123.0	132.0	112.2	117.7	111.4	86.7	88.2	90.4	88.3	344	302	394	346.7
Total Sums	743.1	791.0	698.1	747.9	627.4	645.7	628.3	473.4	481.9	493.8	482.4	2225	1812	2311	2057.9
Total Means	24.8	26.6	23.3	24.9	21.0	21.5	20.9	15.8	16.1	16.5	16.1	67.5	60.4	77.0	68.5

Barometer **Maximum** 763.7 on 5
„ **Minimum** 755.7 on 1, 30
Thermometer **Maximum** 30.4 on 16, 28
„ **Minimum** 18.3 on 1, 4
Highest Temp. in Sun on
Lowest „ on Grass on
Rainfall **Maximum** on

No. of days with:
rain .....
thunderstorms .....
fog .....
gale .....

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W	N
8½ A.M	1	0	1	0	1	10	14	
2½ P.M	2	0	0	0	0	22	9	
8½ P.M	3	0	0	0	0	5	7	
Totals	6	0	1	0	1	37	30	

.OGICAL REGISTER;

N PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

. FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 meters; Max. 1.75; Min. 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.56 meters; above sea level 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

icity of vapour Millimeters			Relative Moisture per cent.				Clouds. Clear— 0 Overcast—10 h = along horizon							Direction and force of Wind. 0 — 10			Wind per day. miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes.
2½	8½	mean	8½	2½	8½	mean	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½		2½ P.M.	A.M.	P.M.	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
7.5	13.3	12.8	60	54	77	63.7	1 cum	L.	1 cum	L.	0		0.7	W.2	S.W.2	0		AM								↓	N.W. from 8.30 to 10.30+
7.1	11.6	11.3	56	49	65	56.7	10 cum cir		5 cum cum		4 cum		6.3	S.W.4	W.2	W.1		rough									
7.1	12.6	12.5	63	57	70	63.3	8 cum cir		7 cum cir		1 cum		5.3	0	S.W.2	W.1		rough						0			few drops
6.1	13.5	14.1	63	60	72	65.0	0		1 cum	L.	0		0.3	W.1	S.W.2	N.1		AM									
9.3	14.8	14.0	67	59	75	67.0	0		0		0		0.0	N.1	N.1	N.1		PM									
5.0	14.8	14.5	63	61	75	66.3	0		0		0		0.0	N.W.1	N.2	N.1		AM									
8.4	16.4	15.4	68	60	83	70.3	0		0		0		0.0	W.1	N.W.1	0		V. AM						2			
5.3	15.7	15.6	73	64	80	72.3	2 cum	L.	0		0		0.7	S.W.2	N.W.2	0		V. AM						2			
4.2	15.1	14.6	66	61	74	67.0	8 cum cir		1 cum	L.	1 cum	N.W.1	1.7	S.W.3	W.1	0		V. PM									
5.7	16.0	15.7	65	65	75	68.3	5 cum		9 cum cir		1 cum	L.	5.0	L.1	N.W.1	0		AM								↓	N.W.
7.0	16.1	16.5	70	64	66	66.7	2 cum	L.	0		0		0.7	S.2	S.W.3	0		PM									
7.8	18.9	17.8	72	68	88	76.0	0		0		0		0.0	W.2	S.W.2	0		AM									N.W.
9.0	18.8	18.4	77	70	85	77.3	6 hazy cir		10 hazy cir		0		5.3	S.W.4	S.W.3	W.1		PM									along horizon
7.1	18.3	17.4	70	65	83	72.7	0		0		0		0.0	W.1	W.2	0		AM									
7.2	18.6	18.0	78	63	85	73.7	8 cum hazy cir		0		0		2.7	W.2	W.2	0		V. AM									along horizon
12.8	14.0	18.0	72	65	82	73.0	2 cir	L.	0		1 cir	N.W.	1.0	W.2	S.W.3	S.W.1		AM						2		↓	E. 10. P.M.
15.1	15.2	15.1	62	53	70	62.3	1 cir	L.	5 cum		8 cum hazy cir		4.7	W.2	W.2	W.1		AM									
15.1	16.0	15.3	63	56	72	63.7	1 cum		1 cum	L.	10 cum		4.0	W.2	W.2	0		PM									
16.2	16.6	16.2	68	57	74	67.0	1 cir		10 cum cir		10 cum		7.0	W.1	W.2	W.1		AM									
16.4	17.5	16.8	68	60	80	69.3	1 cum	L.	1 cum	L.	0		0.7	W.1	N.W.2	0		V. AM									
15.8	16.4	16.0	68	58	75	67.0	6 cum cir		1 cum	L.	0		2.3	W.1	N.W.2	0		V. AM									
17.7	18.7	17.7	68	61	82	70.3	0		4 cum		0		0.3	N.W.1	N.W.2	0		V. AM									
17.4	17.3	17.7	71	62	78	70.3	7 cum cir		4 cum		0		3.7	S.W.2	S.W.2	W.1		V. AM						2			
16.0	16.7	16.5	67	56	75	72.7	1 cum	L.	2 cum cir	L.	0		1.0	S.W.2	S.W.3	S.W.1		AM									
15.8	17.0	16.2	68	58	76	67.3	5 cum cir	L.	4 hazy cir		0		3.0	S.W.2	N.W.2	S.W.1		AM									along horizon
18.1	19.0	18.3	71	62	82	71.7	0		1 cum		0		0.3	S.W.2	S.W.2	0		AM									
18.7	18.9	18.5	72	63	83	72.7	1 cum		1 cum	W.	0		0.7	S.W.2	S.W.2	S.W.1		AM						2			
17.2	17.0	17.3	71	58	76	68.3	0		0		0		0.0	W.2	W.2	0		AM						2			
16.7	17.1	16.5	63	59	74	65.3	0		0		0		0.0	W.2	W.2	W.1		V. AM									
17.5	18.4	17.7	67	60	79	68.7	1 hazy cir		1 cum	L.	0		0.7	S.W.3	S.W.4	S.W.2		AM.									
66.1	65.8	64.7	309	279	359	315.7	19		14		5		12.6	8	9	4											
76.2	78.0	75.8	295	311	387	344.2	10		10		2		7.4	8	7	1											
88.1	90.2	88.1	362	330	407	366.4	16		10		0		8.7	11	12	1											
80.6	83.3	81.4	333	295	378	335.3	6		17		29		17.4	8	11	3											
82.7	86.1	84.1	342	295	386	347.6	13		12		0		8.3	8	11	3											
88.2	90.4	88.3	344	302	394	346.7	2		9		0		1.7	11	12	4											
481.9	493.8	482.4	2025	1812	2311	2055.9	72		66		36		56.1	54	62	16											
16.1	16.5	16.1	67.5	60.4	77.0	68.5	2.4		2.2		1.2		1.9	1.8	2.1	0.5											

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
1	0	1	10	14	2	1	30
0	0	0	12	9	7	0	30
0	0	0	5	7	0	15	30
1	0	1	27	30	9	16	90

No. and make of:
Barometer
Thermometers Dry and Wet
Maximum
Minimum
Rain gauge

George Maier M.S.
OBSERVER.

TO .....

.....

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT COL

Year 1906

Month

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	26.7	758.3	29.2	755.8	27.5	755.9	754.8	755.0	755.3	755.0	30.2	19.1		
2	27.7	756.4	29.4	757.0	27.4	756.6	755.8	756.2	756.0	756.0	30.2	19.1		
3	27.2	756.2	28.8	755.7	27.7	754.1	755.7	754.9	753.6	754.7	30.1	17.9		
4	27.9	754.7	29.7	755.2	27.7	755.3	754.1	754.3	754.7	754.4	30.9	19.6		
5	27.1	756.3	29.4	757.0	27.6	756.7	755.7	756.2	756.1	756.0	30.6	18.3		
6	27.1	757.6	29.7	757.7	27.6	757.6	757.1	756.8	757.0	757.0	30.9	17.7		
7	27.1	758.6	29.4	758.5	27.2	758.4	758.1	757.6	757.8	757.8	30.9	18.3		
8	26.6	757.6	29.4	757.5	27.3	757.4	757.1	756.7	756.5	756.9	30.7	17.5		
9	27.3	757.4	29.6	757.2	27.2	757.4	756.8	756.4	756.8	756.7	30.7	18.9		
10	26.8	757.0	29.3	757.2	27.3	757.2	756.5	756.3	756.7	756.5	30.7	17.7		
11	27.3	757.5	29.5	757.9	27.4	758.0	757.0	757.1	757.4	757.2	31.2	18.9		
12	27.6	757.8	29.6	758.2	28.4	758.3	757.2	757.3	757.6	757.4	30.3	18.2		
13	27.3	758.3	29.8	758.5	27.9	758.0	757.7	757.6	757.3	757.5	30.7	18.3		
14	27.7	757.8	29.9	757.5	27.9	757.2	757.2	756.6	756.6	756.8	30.8	18.4		
15	28.2	757.0	30.3	756.8	28.9	756.7	756.3	755.8	755.9	756.0	31.3	18.6		
16	27.9	756.2	30.4	756.5	28.2	756.0	755.5	755.5	755.3	755.4	31.3	18.8		
17	27.6	755.3	30.4	755.6	27.9	755.1	754.7	754.6	754.6	754.6	30.9	18.3		
18	27.2	754.4	29.2	754.3	26.6	754.2	754.4	753.6	753.8	753.9	30.4	17.8		
19	27.6	753.7	28.4	753.9	27.3	754.3	753.1	753.1	753.8	753.3	30.7	17.8		
20	27.1	755.0	28.6	755.6	27.3	755.4	754.5	754.8	754.9	754.7	30.8	17.6		
21	27.7	756.3	29.5	756.5	27.1	756.8	755.8	755.7	756.2	755.9	30.9	17.7		
22	26.9	756.6	29.2	756.6	27.4	756.5	756.1	755.8	755.9	755.9	30.1	17.2		
23	27.6	755.9	30.0	755.4	28.2	755.2	755.3	754.5	754.6	754.8	31.1	18.3		
24	27.9	754.3	29.9	754.8	27.9	754.4	753.7	753.5	754.2	753.9	31.4	20.5		
25	27.8	754.2	29.6	754.5	27.7	754.2	753.6	753.7	753.7	753.7	31.4	20.4		
26	27.6	755.2	29.8	755.5	27.8	755.9	754.6	754.5	755.3	754.8	31.3	18.8		
27	27.6	755.7	29.8	756.0	27.6	755.3	755.1	755.1	754.8	755.0	31.0	18.3		
28	27.7	755.2	29.4	755.4	27.3	754.9	754.7	754.6	754.4	754.6	30.9	19.8		
29	27.6	754.7	29.5	755.4	27.7	755.7	754.2	754.5	755.1	754.6	30.8	19.4		
30	27.3	756.4	29.9	757.4	28.3	757.9	755.9	756.5	757.2	756.5	31.5	18.1		
31	27.2	757.6	29.9	758.3	27.7	758.4	757.1	757.4	757.8	757.4	31.0	17.6		
Sums 1–5	136.9	3778.9	146.5	3780.7	137.9	3778.6	3776.1	3776.6	3778.7	3776.1	152.0	94.0		
„ 6–10	134.9	3782	147.4	3784.1	136.6	3780.0	3775.6	3779.8	3783.2	3779.5	153.3	90.1		
„ 10–15	138.1	3788.4	149.1	3788.9	140.5	3788.2	3785.4	3788.4	3794.8	3789.4	154.5	92.4		
„ 16–20	137.4	3775.1	149.0	3775.4	136.7	3772.0	3772.2	3771.6	3772.4	3771.9	154.1	91.3		
„ 21–25	137.9	3772.3	148.2	3772.8	138.3	3772.3	3774.5	3778.3	3774.6	3774.2	154.9	94.1		
„ 26–31	165.0	4548.8	178.7	4548.0	166.4	4548.1	4531.6	4532.6	4534.0	4532.9	186.5	113.0		
Total Sums	844.9	23442	918.9	23449.4	842.4	23445.4	23423.4	23421.6	23423.3	23422.9	945.1	574.9		
Means	27.4	756.2	29.6	756.4	27.6	756.3	755.7	755.5	755.7	755.6	30.5	18.5		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	27.2	28.8	25.0	27.0	22.7	24.1	22.4	17.0	18.5	18.0	17.8	64	62	76	67.3
2	27.6	29.3	25.0	27.3	23.3	24.1	22.6	17.8	18.1	18.3	18.1	60	60	77	67.7
3	26.8	28.1	26.6	27.2	23.3	23.4	23.4	18.5	17.8	18.7	18.3	70	63	72	68.3
4	28.3	29.6	29.5	27.8	25.4	25.3	22.8	21.5	20.4	18.5	20.1	75	65	76	72.0
5	27.2	28.4	24.8	27.1	22.8	23.1	22.1	17.2	16.4	17.5	17.0	64	54	75	64.3
6	26.2	28.5	25.4	27.0	22.7	24.1	22.7	17.7	18.1	18.4	18.1	69	59	76	68.0
7	27.0	28.9	24.8	26.9	23.0	23.3	21.5	17.7	16.9	16.6	17.1	67	57	72	65.3
8	26.8	29.4	25.8	27.3	22.3	24.2	22.7	16.5	18.3	18.1	17.6	62	60	73	65.0
9	28.2	28.8	25.2	27.4	23.4	23.7	22.1	17.7	17.8	17.2	17.6	62	60	72	64.7
10	27.0	29.6	25.4	27.3	21.4	22.4	22.3	15.0	16.9	17.5	16.5	56	55	72	61.0
11	27.3	30.3	25.4	27.7	22.7	24.2	21.9	17.0	17.7	16.9	17.2	64	55	70	63.0
12	27.4	29.4	25.5	27.4	22.7	23.4	22.1	16.8	16.9	17.0	16.9	62	55	70	62.3
13	27.3	29.5	25.4	27.4	22.7	23.4	22.1	16.9	16.8	17.2	17.0	62	55	71	62.7
14	26.8	28.6	25.7	27.3	22.6	23.7	22.7	17.1	17.3	16.1	17.5	65	56	73	64.7
15	27.6	30.2	26.1	28.0	23.4	24.9	23.8	18.0	19.1	20.0	19.0	66	59	79	68.0
16	27.4	29.9	26.0	27.8	23.9	24.4	23.2	19.2	18.4	18.8	18.8	71	59	75	68.3
17	27.8	29.8	25.5	27.7	22.4	23.5	22.2	17.1	16.7	17.3	17.0	61	54	71	62.0
18	27.0	29.1	25.1	27.1	20.7	22.6	19.7	13.8	15.7	13.4	14.9	52	52	56	53.3
19	27.5	29.2	25.5	27.4	22.4	23.1	21.2	16.3	16.5	15.6	16.1	59	55	64	59.3
20	27.1	29.4	25.7	27.5	20.5	22.3	22.0	13.6	15.1	16.8	15.2	57	60	68	56.3
21	26.8	28.9	24.8	26.8	21.8	22.3	20.9	15.8	15.3	15.5	15.5	59	52	67	59.3
22	26.4	28.7	25.5	26.9	21.5	22.9	22.1	15.5	16.5	17.0	16.3	60	56	60	62.0
23	26.8	29.4	26.2	27.5	22.9	24.0	23.4	17.6	17.9	19.1	18.2	67	59	76	67.3
24	28.1	30.6	26.2	28.3	24.2	25.5	23.8	19.2	20.0	20.0	19.7	68	61	80	69.7
25	27.6	28.9	26.1	27.9	23.9	24.4	23.2	19.1	18.3	18.7	18.7	69	58	74	67.0
26	27.6	30.4	25.9	27.9	23.1	24.4	22.7	17.6	18.0	18.0	17.9	64	56	72	64.0
27	27.6	29.6	25.8	27.7	23.2	23.9	22.8	17.6	16.9	18.1	17.5	65	57	73	65.0
28	27.1	29.6	25.9	27.5	22.6	23.9	22.9	17.0	17.6	18.9	17.6	64	57	73	64.7
29	27.4	29.5	25.5	27.5	23.4	24.3	23.3	18.3	18.4	19.4	18.7	68	60	80	69.3
30	27.2	30.3	25.4	27.6	23.1	24.2	22.6	17.7	17.8	18.1	17.9	66	55	74	65.0
31	26.9	29.7	25.8	27.5	22.8	23.2	22.1	17.5	16.3	16.9	16.9	66	53	68	62.3
Sums 1–5	137.1	145.2	126.9	136.4	112.5	120.0	113.3	92.0	91.2	91.0	91.3	339	304	376	339.6
„ 6–10	135.2	146.2	126.6	135.9	112.8	118.7	111.3	84.6	88.0	87.8	86.9	316	291	365	324.0
„ 10–15	136.4	149.0	128.1	137.8	114.1	119.6	112.6	83.8	87.8	89.2	87.6	319	280	363	320.7
„ 16–20	136.8	147.4	127.8	137.5	109.9	115.9	108.3	80.0	82.4	81.9	81.4	294	270	334	299.2
„ 21–25	135.7	147.5	128.8	137.4	[illegible]	119.1	113.4	87.2	88.0	90.3	88.4	323	284	364	323.3
„ 26–31	162.7	179.1	154.3	165.7	138.2	143.9	136.4	105.7	105.0	108.8	106.5	393	338	440	390.3
Total Sums	844.9	911.4	792.5	850.7	706.8	737.2	695.3	535.3	542.4	549.0	542.1	1984	1769	2245	1999.1
Means	27.2	29.5	25.6	27.4	22.8	23.8	22.4	17.3	17.5	17.7	17.5	64.0	57.1	72.4	64.5

Barometer Maximum 758.1 on 7
„ Minimum 753.1 on 19
Thermometer Maximum 31.5 on 20
„ Minimum 17.2 on 22
Highest Temp. in Sun on
Lowest „ on Grass on
Rainfall Maximum on

No. of days with:

rain .....
thunderstorms .....
fog .....
gale .....

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W	N W
8½ A.M	1					12	18	
2½ P.M	1					14	15	1
8½ P.M			1			10	13	
Totals	2		1			36	46	1

OGICAL REGISTER;

PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 **meters;** Max. 1.75; Min. 1.70 **meters**
Height of Rim of Rain Gauge:
Above ground 0.56 **meters;** above sea level 30.31 **meters**
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

y of vapour limeters 8½	mean	Relative Moisture per cent. 8½	2½	8½	mean	Clouds. Clear— 0 Overcast—10 8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	Direction and force of Wind. 0 — 10 8½	2½	8½	Wind per day. miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm. A.M.	P.M.	Total.	Duration, 8½ P.M. Rain.	Shine.	Condition of Weather Symbols 8½ A.M.	2½ P.M.	8½ P.M.	Further Daily Notes.
						h. clay horizon																				
18.0	17.8	64	62	76	67.3	0		0		1 cum	N.W.	0.3	S.W.4	S.W.4	S.W.3		2½ P.M.									
18.3	18.1	66	60	77	67.7	2 cum	h.	1 cum	E.	0		1.0	W.3	W.3	0		am									clay horizon
18.7	18.3	70	63	72	68.3	0		0		0		0.0	N.1	N.1	E.2		pm									
18.5	20.1	75	65	76	72.0	0		2 haze		0		0.7	W.2	S.W.2	0		v. am									
17.5	17.0	64	54	75	64.3	4 cum		1 cum	E.	0		1.7	S.W.2	W.2	0		v. pm									
18.4	18.4	69	59	76	68.0	5 cum		2 cum	E.×W.	0		2.3	W.2	W.2	W.1		am									
16.6	17.1	67	57	72	65.3	1 cum	W.	1 cum		0		0.7	W.2	W.2	W.1		pm									
18.1	17.6	62	60	73	65.0	2 cum		4 cum	E.×W.	0		2.0	W.2	W.2	W.1		am									
17.2	17.6	62	60	72	64.7	9 cum		1 cum	E.	0		3.3	W.2	W.2	W.1		pm									
17.5	16.5	56	55	72	61.0	0		3 cum		0		1.0	W.2	W.2	W.1		am									
16.9	17.2	64	55	70	63.0	1 cum	h.	5 cum		1 cum	h.	2.3	S.W.2	W.2	W.1		rough									
17.0	16.9	62	55	70	62.3	0		3 cum	h.	7 cum		3.3	W.2	W.2	W.1		am									
17.2	17.0	62	55	71	62.7	2 cum	E.×W.	9 cum/cir		1 cum	E.	4.0	W.2	W.2	W.1		pm									
18.1	17.5	65	56	73	64.7	6 cum		1 cum	E.	0		2.3	W.1	W.2	W.1		v. am									
20.0	19.0	66	59	79	68.0	4 cum		2 cum	S.E.	0		2.0	W.1	W.2	0		pm									
18.8	18.8	71	59	75	68.3	1 cum	W.	4 cum/haze		0		1.7	W.2	W.2	0.1		v. pm									clay horizon
17.3	17.0	61	54	71	62.0	0		1 cum	E.	0		0.3	S.W.3	S.W.4	W.1		rough									
13.4	14.3	52	52	56	53.3	1 cum	W.	2 cum	E.	0		1.0	S.W.2	S.W.4	S.W.2		rough									
15.6	16.1	59	55	64	59.3	9 cum		2 cum		1 cum		4.0	W.2	S.W.3	W.1		rough									
16.8	15.2	57	50	68	56.3	2 cum	E.×W.	4 cir/cum		0		2.0	W.2	S.W.3	S.W.1		am									
15.5	15.5	59	52	67	59.3	2 cum	W.×E.	1 cum	E.	0		1.0	W.1	W.2	W.1		v. am									
17.0	16.3	60	56	60	62.0	1 cum	N.W.	1 cum	E.×W.	0		0.7	W.1	N.W.1	S.W.1		v. pm									
19.1	18.2	67	59	76	67.3	7 cum		3 cum		0		3.3	S.W.2	S.W.3	0		v. am									
20.0	19.7	68	61	80	69.7	2 cir/cum		2 cum	E.×W.	1 cum	S.	1.7	S.W.4	S.W.4	S.W.2		rough									clay horizon
18.7	18.7	69	58	74	67.0	5 cir/cum		1 cir/cum		1 cir	N.×W.	2.3	S.W.3	S.W.3	S.W.2		rough									
18.0	17.9	64	56	72	64.0	2 cir/cum		0		0		0.7	S.W.3	S.W.3	S.W.2		am									clay horizon
18.1	17.5	65	57	73	65.0	2 cum	W.	1 cum	E.	0		1.0	W.2	S.W.3	N.3		rough									"
18.9	17.6	64	57	73	64.7	5 cum		2 cum	E.	0		2.3	S.W.3	S.W.3	S.W.2		rough									"
19.4	18.7	68	60	80	69.3	1 cum	W.	1 cum	E.×W.	0		0.7	S.W.3	S.W.4	S.W.1		am									
18.1	17.9	66	55	74	65.0	0		0		0		0.0	W.2	S.W.2	0		v. am									
16.9	16.9	66	53	68	62.3	5 cum		5 cum		1 cum	W.	3.7	S.W.2	W.3	S.W.1		v. pm									
91.0	91.3	339	304	376	338.6	6		4		1		3.7	12	12	5											
87.8	86.9	316	291	365	324.0	17		11		0		9.3	10	10	5											
89.2	87.6	319	280	363	320.7	13		20		9		13.9	8	10	4											
81.9	81.4	394	270	334	399.2	13		13		1		9.0	11	16	5											
90.3	88.4	323	284	364	325.3	17		8		2		9.0	11	13	6											
108.8	106.5	399	338	440	390.3	15		9		1		8.4	15	18	9											
349.0	342.1	1984	1769	2245	1994.1	81		65		14		53.9	67	79	34											
17.7	17.5	64.0	57.1	72.4	64.5	2.6		2.1		0.45		1.7	2.2	2.5	1.1											

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals	No. and make of:
			12	18			31	Barometer
								Thermometers Dry and Wet
			14	15	1		31	Maximum
			10	19		2	31	Minimum
			36	46	1	2	95	Rain gauge

Robert H. West

OBSERVER.

O .....

METEOROLOGICAL F

THE OBSERVATORY, SYRIAN PROTESTANT

Year 1904

Month August

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	27.6	757.8	27.7	758.3	27.4	758.2	757.2	757.4	757.6	757.4	30.6	19.4		
2	27.3	758.4	29.8	758.8	28.2	758.9	757.8	757.9	758.2	758.0	30.6	17.9		
3	27.4	758.4	30.0	759.4	28.2	759.5	758.8	758.5	758.9	758.7	31.7	18.2		
4	27.9	758.6	30.1	757.7	28.5	757.3	758.0	756.8	756.6	757.1	31.7	18.9		
5	27.7	756.2	30.6	756.5	28.4	757.0	755.6	755.5	756.3	755.8	31.8	18.1		
6	27.3	758.0	30.0	758.6	27.8	759.0	757.4	757.7	758.4	757.8	31.5	18.3		
7	27.1	760.0	29.8	760.3	27.7	760.3	759.1	758.4	759.6	759.4	31.1	18.1		
8	26.7	758.7	29.4	759.2	27.7	759.5	758.2	758.4	757.8	758.5	30.7	17.2		
9	27.5	759.6	29.9	759.2	28.2	759.7	758.0	759.9	759.4	759.5	31.8	18.9		
10	27.6	759.6	30.3	759.0	27.9	759.5	759.1	759.1	759.9	759.4	31.5	19.4		
11	27.8	758.8	30.5	757.4	28.7	757.6	755.2	758.4	756.9	756.2	31.9	19.4		
12	28.1	758.0	29.8	758.1	28.3	757.8	757.3	757.2	757.1	757.2	31.8	19.0		
13	27.9	756.2	30.2	756.4	28.2	755.7	755.6	755.5	755.0	755.4	31.3	18.8		
14	27.8	758.2	30.3	756.7	28.3	756.4	755.6	755.7	755.4	755.6	31.4	20.9		
15	28.2	757.1	29.8	757.1	28.2	757.5	756.4	756.2	756.8	756.5	31.7	20.4		
16	28.3	757.7	30.2	757.8	28.7	757.9	757.0	756.9	756.6	756.8	31.4	21.1		
17	29.0	756.8	31.3	756.6	29.3	756.1	756.0	755.5	755.3	755.6	32.4	21.1		
18	28.8	756.5	31.1	756.7	28.9	757.5	755.7	755.6	756.7	756.0	31.5	21.2		
19	27.6	758.0	30.2	758.0	28.1	758.5	757.4	757.1	757.8	757.4	31.3	19.0		
20	27.3	758.4	30.1	758.6	27.9	758.7	757.8	757.6	758.1	757.8	31.4	18.6		
21	27.6	758.7	30.1	758.5	28.3	758.2	758.1	757.5	757.5	757.7	31.3	18.4		
22	27.9	758.9	30.2	756.6	28.3	756.7	758.3	755.6	756.0	756.0	31.7	19.8		
23	27.6	756.2	30.2	756.5	27.8	756.2	755.6	755.3	755.6	755.5	31.4	20.2		
24	27.6	757.0	30.3	756.9	28.2	757.2	756.4	755.9	756.5	756.3	31.4	18.6		
25	27.7	758.7	29.9	759.1	28.4	759.4	758.0	758.2	758.7	758.3	30.8	18.9		
26	30.1	759.4	30.4	758.8	28.6	758.6	758.7	757.8	757.9	758.1	30.9	19.4		
27	27.4	757.2	29.9	756.6	28.2	756.9	756.6	755.7	756.2	756.2	31.9	16.1		
28	27.8	758.1	29.9	759.9	28.2	760.1	757.4	758.4	759.4	758.4	30.6	20.9		
29	27.4	761.6	28.4	761.7	27.0	761.9	761.0	761.0	761.4	761.2	30.1	18.4		
30	27.0	760.9	28.3	760.3	27.1	759.6	760.4	759.6	759.0	759.7	29.5	18.9		
31	26.8	759.0	28.3	758.8	27.2	759.9	758.5	758.1	758.7	758.4	29.2	20.4		
1–5	137.9	3784	139.2	3786.7	140.7	3789.9	3787.4	3786.1	3787.6	3787.0	156.4	92.5		
6–10	136.2	3789	139.4	3789	139.9	3797.0	3788.8	3789.2	3789.8	3789.6	156.6	91.9		
10–15	139.8	3789	138.6	3785	141.7	3785.0	3781.1	3781.0	3781.2	3780.9	156.5	96.5		
16–20	141.0	3787.4	139.2	3787.7	142.3	3788.5	3789.9	3787.7	3789.5	3789.6	158.0	101.0		
21–25	136.4	3785	139.7	3787.4	141.0	3787.7	3786.4	3785	3784.3	3784.4	156.6	95.9		
26–31	166.5	4558.2	175.2	4555.5	166.3	4556.4	4557.7	4550.6	4552.6	4552.0	181.6	114.9		
Sums	889.8	23487	919.0	23499	871.3	23465	23474.3	23445.8	23474.0	23471.5	915.7	594.7		
Means	27.7	757.9	29.0	758.9	28.1	757.6	757.2	757.0	757.2	757.1	31.1	19.2		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	27.1	28.9	25.7	27.2	21.6	22.1	21.1	15.2	15.0	12.8	16.0	56	58	62	58
2	27.7	29.2	25.9	27.6	21.4	23.8	22.3	14.6	17.6	17.3	16.5	53	58	70	60.
3	28.2	30.2	26.6	28.3	21.1	22.6	22.5	13.8	15.0	17.1	15.3	49	47	65	53.
4	29.8	30.1	26.3	28.7	21.1	24.0	22.6	13.0	17.5	17.4	16.0	44.2	65	67	58.
5	27.9	31.6	26.1	28.5	22.8	24.2	22.2	16.8	17.2	16.9	17.0	59	51	67	59.
6	28.7	30.5	25.9	28.4	18.8	23.1	21.2	10.6	15.7	15.3	13.9	37	48	61	48.
7	27.2	29.8	25.6	27.5	22.1	23.8	21.3	16.1	17.3	15.6	16.3	59	55	64	59.
8	27.0	29.3	25.4	27.2	22.1	23.4	22.1	16.2	17.0	17.2	16.8	60	57	71	62.
9	27.9	30.3	26.4	28.2	23.5	24.9	24.0	18.0	19.1	20.1	19.1	64	59.9	78	67.
10	27.8	30.4	26.7	28.3	23.8	25.3	23.8	18.7	19.8	19.6	19.4	68	61	75	68.
11	27.7	30.9	25.8	27.9	23.9	25.3	23.9	19.0	20.0	20.5	19.8	68	61	83	70.7
12	27.3	30.8	27.1	28.4	24.1	25.3	22.5	19.6	19.5	16.8	18.6	74	58	63	65.
13	28.1	29.9	26.6	28.2	23.3	24.7	23.6	17.5	18.8	19.2	18.5	62	60	64	65.3
14	27.8	30.3	25.9	28.0	23.3	24.9	23.4	17.8	19.1	19.4	18.8	64	59	78	67.
15	28.3	29.3	27.5	28.4	24.0	24.8	20.9	19.4	19.5	14.2	17.7	68	57	52	61.3
16	28.3	30.2	27.4	28.6	23.6	24.8	25.1	17.9	18.9	21.6	19.5	62	59	79	66.7
17	29.0	31.4	27.1	29.2	26.0	26.5	24.6	22.2	21.5	20.8	21.5	75	63	81	73.0
18	28.5	30.2	26.0	28.2	24.4	24.7	23.2	19.3	18.6	18.9	18.9	67	58	75	66.7
19	27.6	29.8	25.8	27.7	23.6	24.0	22.8	18.4	17.7	18.2	18.1	68	57	73	66.
20	27.1	31.1	26.0	27.7	22.2	24.1	22.6	16.2	17.6	17.6	17.1	61	52	70	62.3
21	29.2	29.9	26.8	28.6	23.4	24.3	23.4	17.2	18.1	18.7	18.0	57	58	71	62.0
22	28.6	30.4	26.7	28.6	24.2	24.9	23.8	18.8	18.9	19.5	19.1	64	58	75	65.7
23	27.7	29.9	26.2	27.9	23.6	24.4	23.6	18.4	18.3	19.5	18.7	66	59	77	67.3
24	27.7	30.2	25.9	27.9	23.9	24.8	23.7	19.0	18.8	20.0	19.3	68	57	81	69.3
25	27.7	29.2	25.8	27.6	23.7	23.8	23.3	18.6	17.8	19.0	18.5	67	59	75	67.0
26	27.6	29.6	26.1	27.8	23.1	23.8	23.1	17.5	17.6	18.6	17.9	63	57	73	64.3
27	27.2	30.3	26.4	28.0	23.4	24.5	23.6	16.3	18.2	19.3	18.0	66	56	76	66.7
28	27.4	29.1	26.3	27.6	23.3	22.9	21.1	16.0	16.3	14.8	16.4	66	57	58	59.3
29	26.8	28.9	25.7	27.1	20.7	20.9	20.5	14.0	13.3	14.3	13.9	53	49	58	57.7
30	27.7	28.1	25.6	27.1	21.8	22.1	20.3	15.1	15.4	15.0	15.2	55	54	61	56.7
31	25.5	26.9	24.9	25.8	20.3	19.9	18.9	14.2	12.9	12.4	13.2	58	49	53	53.9
1–5	140.7	138.0	130.6	140.3	106.0	116.7	110.7	73.4	82.3	86.5	80.8	259	271	331	287
6–10	138.6	138.9	130.0	139.6	110.3	120.5	112.4	79.6	88.9	87.8	85.5	288	280	349	306.
10–15	139.2	138.6	132.9	140.9	116.6	125.0	114.3	93.3	96.9	90.1	93.4	336	282	340	320
16–20	142.5	137.7	132.3	141.4	119.8	124.1	116.3	94.0	94.3	97.1	95.1	335	289	378	334.
21–25	140.9	149.6	134	140.6	118.8	122.2	117.8	92.0	91.9	96.7	93.6	322	288	379	331.5
26–31	162.2	172.0	158.0	163.4	132.6	134.1	128.1	97.1	95.7	94.4	95.2	304	314	379	352.
Sums	864.1	924.2	812.2	866.2	708.1	742.6	701.4	528.4	548.0	552.6	543.6	1901	1744.3	2156	1934.
Means	27.8	29.8	26.2	27.9	22.8	23.9	22.6	17.1	17.7	17.8	17.5	61.3	56.2	69.5	62.4

Barometer	Maximum	761.4	on 29
"	Minimum	757.1	on 10
Thermometer	Maximum	32.4	on 17
"	Minimum	17.2	on 8
Highest Temp.	in Sun		on
Lowest "	on Grass		on
Rainfall	Maximum		on

No. of days with:

rain .....

thunderstorms .....

fog .....

gale .....

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W
8½ A.M			5			16	8
2½ P.M	3					12	10
8½ P.M	2		1			7	8
Totals	5		6			35	26

.OGICAL REGISTER;

I PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

. FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " **Thermometers above ground:**
Dry and wet 1.55 meters; **Max.** 1.75; **Min.** 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.56 meters; **above sea level** 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

city of vapour Millimeters			Relative Moisture per cent.				Clouds. Clear— 0 Overcast—10							Direction and force of Wind. 0 — 10			Wind per day. miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes.
8½	8½	mean	8½	2½	8½	mean.	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½		2½ P.M.	A.M.	P.M.	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
.0	17.8	16.0	56	50	62	56.0	5 cum		2 cum	E	8 cum		5.0	S.W.3	S.W.3	S.W.1		rough									
.6	17.3	16.5	53	58	70	60.9	0		3 cum		0		1.0	E.1	N.W.2	0		rough									
.0	17.1	15.3	49	47	65	53.7	0		0		0		0.0	W.1	N.W.2	0		rough									
.5	17.4	16.0	46.2	65	67	57.0	0		0		0		0.0	E.1	N.1	W.1		S.SW									
.2	16.9	17.0	59	51	67	59.0	0		0		0		0.0	S.W.2	W.2	0		S.SW									
.7	15.3	13.9	37	48	61	48.7	0		0		0		0.0	S.W.2	S.W.2	0		SW									
.3	15.6	16.3	59	55	64	59.3	0		4 cum	NW	0		1.3	W.2	S.W.3	0		SW									
.0	17.2	16.8	60	57	71	62.7	0		3 cum		0		1.0	S.W.2	S.W.2	S.W.1		SW									
.1	20.1	19.1	84	59	78	67.0	1 cum	NW	2 cum	E.N.W	0		1.0	S.W.3	S.W.3	S.W.2		rough									
.8	19.6	19.4	68	61	75	68.0	0		2 cum	E.	0		0.7	S.W.4	S.W.3	S.W.2		SW									along foreign
.0	20.5	19.8	68	81	83	70.7	5 cum		6 cir cum		1 cum		4.0	W.2	W.2	0		W.SW									
.5	16.8	18.6	74	58	63	65.0	5 cum		0		0		1.7	S.W.2	S.W.3	W.2		SW.									
.8	19.2	18.5	62	60	64	63.3	0		6 cum		0		2.0	S.W.2	S.W.3	S.W.3		SW									
.1	19.4	18.8	64	59	78	67.0	1 cum	NW	1 cum	E.	0		0.7	S.W.3	S.W.2	0		rough									
.5	19.2	17.7	68	57	52	61.3	4 cum		1 cum	E.N.W	0		1.7	E.1	N.2	N.2		SW									
.9	21.6	19.5	62	59	79	66.7	0		0		0		0.0	W.2	N.2	E.2		SW									
.5	20.8	21.5	75	63	81	73.0	7 cir		3 cir cum		10 cir		8.0	E.1	S.W.1	0		S.SW									
.6	18.9	18.9	67	58	75	66.7	2 cum	E.	8 cir		0		3.3	S.W.2	W.3	0		SW									
.7	18.2	18.1	68	57	73	66.0	5 cum	E.	1 cum	E.	0		2.0	S.W.2	W.2	0		S.SW									
.6	19.6	17.1	61	56	70	62.3	4 cum		1 cum	N.W.S.	0		1.7	W.1	W.2	W.1		S.SW.									
.1	18.7	18.0	57	48	71	62.0	1 cum	E.	6 cum fog cir		8 cum fog cir		5.0	0	W.3	W.1		S.SW									
.9	19.5	19.1	64	58	75	65.7	4 cum	E.	1 cum	E.	8 cum fog cir		4.9	S.W.2	W.3	W.2		SW									along foreign
.3	19.5	18.7	66	59	77	67.3	3 cum	E.	1 cum	E.	0		1.3	S.W.2	W.3	W.1		SW									
.8	20.0	19.3	68	57	81	69.3	8 cum		1 cum	E.	0		3.0	S.W.3	W.2	0		S.SW									
.8	19.0	18.5	67	59	75	67.0	4 cum		1 cum fog cir		0		1.7	W.1	N.W.1	0		S.SW									
.6	18.6	17.9	68	53	79	64.3	8 cum fog cir		1 cum	E.	4 cum		4.3	W.1	N.W.2	W.1		S.SW									
.2	19.3	18.6	66	56	76	66.7	2 cum	E.	2 cum	E.	0		1.3	S.W.2	S.W.3	S.W.2		SW									
.3	14.8	16.4	66	54	58	59.3	10 cum fog cir		10 cum cir		9 cum		9.7	S.W.3	S.W.3	W.2		rough									
.3	14.3	13.9	53	44	58	51.7	1 cum	E.	0		0		0.3	N.W.2	N.W.2	W.1		SW									
.7	15.0	15.2	55	54	61	56.7	0		1 cum	E.	10 fog cir		8.7	E.1	N.W.2	0		S.SW									
.9	12.4	13.2	58	49	53	53.3	7 cum fog cir		10 cum		2 cum	E.	6.3	S.W.2	W.1	S.W.2		S.SW									
2.3	86.5	88.8	259	271	331	287.0	5		5		8		6.0	8	10	2											
8.9	87.8	89.5	288	280	349	305.7	1		11		0		4.0	13	13	5											
6.9	92.1	93.4	336	282	340	319.9	15		14		1		10.1	10	12	7											
4.3	97.1	95.1	335	289	378	334.7	18		17		10		15.0	8	10	5											
1.9	96.7	89.6	322	289	379	313.3	20		10		16		15.3	7	12	4											
5.7	94.4	95.2	343	314	379	357.0	28		24		25		25.6	11	13	8											
48.0	55.6	51.3.6	190.1	174.3	215.6	194.0	87		81		60		76.0	57	70	29											
.7	17.8	17.5	61.3	56.2	69.5	62.6	2.8		2.6		2.0		2.5	1.8	2.3	1											

Number of Daily Wind Observations.								No. and make of:
E	S E	S	S W	W	N W	Calm	Totals	
5			16	8	1	1	31	Barometer
								Thermometers
								Dry and Wet
			12	10	6		31	Maximum
1			7	8		13	31	Minimum
6			35	26	7	14	93	Rain gauge

Robert West M.A.

OBSERVER.

O .....

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT C

Year 1904
Month September

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 1

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	26.5	759.6	29.1	759.6	26.7	759.9	759.2	758.8	759.4	759.1	29.8	18.3		
2	26.6	759.7	29.3	759.4	27.1	759.5	759.2	758.6	759.0	758.9	29.8	17.8		
3	25.9	759.2	29.2	759.1	27.1	759.7	758.8	758.3	759.1	758.7	30.9	17.2		
4	26.3	760.1	28.3	760.0	26.8	760.1	759.6	759.3	759.6	759.5	29.9	17.7		
5	26.3	761.2	28.9	761.3	27.3	761.8	760.7	760.5	761.2	760.8	30.4	17.8		
6	26.4	761.8	29.2	762.0	27.1	762.3	761.4	761.2	761.8	761.5	29.9	17.6		
7	26.2	762.1	29.1	761.4	26.8	760.8	761.7	760.6	760.3	760.9	29.7	17.5		
8	26.5	759.4	28.7	758.6	26.8	758.4	758.9	757.9	757.9	758.2	29.6	17.9		
9	26.0	758.6	28.6	759.0	26.3	759.8	758.2	758.3	759.3	758.6	29.5	17.6		
10	25.8	761.0	28.0	761.8	25.9	762.3	760.6	761.1	761.9	761.2	28.7	17.1		
11	25.6	763.2	27.4	763.4	26.1	763.6	762.8	762.8	763.2	762.9	28.7	16.8		
12	25.9	763.8	28.7	764.1	26.6	763.7	763.4	763.4	763.2	763.3	29.5	17.6		
13	26.3	763.1	28.5	762.6	26.6	762.2	762.6	761.9	761.7	762.1	30.4	18.1		
14	26.3	761.9	28.6	761.0	27.1	761.8	761.4	760.3	760.2	760.6	29.8	17.4		
15	26.2	760.4	28.9	760.0	26.7	759.4	760.0	759.2	758.9	759.4	29.7	17.6		
16	25.8	758.8	28.9	758.6	26.9	759.0	758.4	757.8	758.5	758.2	30.2	17.0		
17	25.9	758.5	29.0	759.7	25.8	760.1	759.1	758.9	759.7	759.2	29.9	16.8		
18	25.1	759.9	28.0	759.7	26.1	759.6	759.6	759.0	759.2	759.9	29.1	16.3		
19	25.6	759.0	27.4	759.3	26.1	760.0	758.6	758.7	759.5	758.9	29.1	17.7		
20	26.6	761.6	29.0	761.8	26.8	763.1	761.1	761.0	762.6	761.6	29.8	19.4		
21	25.8	762.7	27.2	762.3	25.9	762.9	762.3	761.8	762.5	762.3	28.6	17.0		
22	25.9	762.3	28.2	762.1	26.7	762.0	762.1	761.5	761.5	761.7	29.3	17.6		
23	26.2	762.0	28.9	761.1	26.6	761.0	761.6	760.4	760.5	760.8	29.8	17.9		
24	26.3	761.9	28.9	761.1	27.2	761.9	760.8	760.4	761.3	760.8	30.1	18.2		
25	26.2	761.5	28.2	761.3	26.6	761.1	761.1	760.6	760.6	760.8	29.1	17.8		
26	25.7	761.0	28.6	760.6	26.6	760.1	760.7	759.9	759.6	760.1	29.7	16.9		
27	25.6	760.2	27.1	759.8	26.1	760.6	759.9	759.3	760.2	759.8	28.6	16.7		
28	25.4	761.9	28.2	761.4	26.4	760.9	761.6	760.8	760.4	760.9	29.7	16.3		
29	25.9	760.7	28.2	760.2	26.3	760.2	760.3	759.4	759.7	759.8	29.3	17.5		
30	25.4	759.9	27.9	759.6	25.9	760.1	759.6	759.9	759.7	759.4	28.9	17.1		
31														
1–5	131.6	379.8	145.2	379.4	135.0	380.0	379.5	379.3	379.3	379.6	144.6	88.8		
6–10	130.9	380.9	143.6	380.8	132.9	380.6	380.8	379.1	380.2	380.4	142.4	87.7		
10–15	130.3	380.4	142.1	380.1	133.1	380.7	380.2	380.6	380.2	380.3	141.1	86.5		
16–20	129.0	379.8	142.9	379.1	131.7	380.8	379.8	379.4	379.5	379.2	142.5	83.2		
21–25	130.4	380.0	141.4	380.9	133.0	380.9	380.9	380.4	380.6	380.4	146.9	88.5		
26–30	128.0	380.7	140.0	380.6	131.3	380.9	380.2	379.8	379.6	380.0	146.2	84.5		
Sums	780.2	2282.4	854.6	2289.9	797.0	2284.9	2285.3	2280.4	2281.2	2280.3	885.7	513.2		
Means	26.0	760.9	28.5	761.1	26.6	760.9	760.5	760.0	760.4	760.3	29.5	17.4		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	26.3	28.7	25.1	26.7	20.9	21.4	19.8	14.8	14.1	13.6	14.2	58	46	58	54.7
2	27.9	28.4	25.2	28.0	21.6	23.8	21.1	15.1	18.2	15.5	16.3	58	63	66	61.3
3	26.1	29.3	25.4	26.9	21.5	23.1	21.9	15.7	16.4	16.9	16.9	62	54	70	62.0
4	26.1	28.2	24.7	26.3	22.0	22.8	21.5	16.5	15.7	16.6	16.9	65	55	72	64.0
5	26.1	29.9	24.8	26.7	22.2	24.1	22.4	16.9	18.2	18.3	17.8	67	61	79	69.0
6	26.1	28.6	24.9	26.5	21.1	21.8	20.7	15.0	14.7	15.0	14.9	60	50	64	58.0
7	26.4	28.1	24.5	26.3	20.9	24.1	19.9	14.6	18.0	14.1	15.9	56	68	63	62.9
8	26.2	28.3	25.0	26.5	20.4	20.8	19.1	14.0	13.4	12.7	13.4	53	46	54	51.7
9	26.4	27.4	24.9	26.2	19.4	21.8	20.3	12.4	15.3	14.5	14.1	48	56	61	55.0
10	26.1	27.0	23.9	25.7	20.6	20.5	19.4	14.3	13.6	13.8	13.9	56	51	62	56.3
11	25.7	27.7	24.9	26.0	20.2	21.1	20.9	13.9	14.2	15.4	14.5	56	52	65	57.7
12	26.4	28.2	24.2	26.3	20.9	22.5	21.2	14.5	16.1	16.4	15.7	56	57	73	62.0
13	27.2	29.4	25.2	27.3	21.4	23.1	20.7	14.9	16.4	15.0	15.4	55	54	62	57.0
14	26.3	28.8	24.3	26.5	21.8	24.1	21.3	16.1	18.4	16.5	17.0	63	61	74	66.0
15	25.9	28.6	23.9	26.1	22.2	22.8	21.4	16.9	16.3	17.0	16.7	68	56	77	67.0
16	25.8	28.9	24.0	26.0	22.7	23.5	22.0	16.0	17.8	16.1	16.0	73	61	81	71.7
17	26.5	28.1	22.8	25.5	21.4	22.0	19.8	16.0	15.3	15.1	15.5	69	54	73	64.0
18	25.3	27.3	23.8	25.5	20.5	22.1	21.3	14.4	15.8	17.0	15.8	61	65	77	65.7
19	26.4	27.9	25.3	26.4	22.9	22.8	22.8	18.1	17.1	16.6	17.9	60	69	76	70.3
20	27.1	28.8	24.5	26.8	22.7	22.7	20.7	17.2	16.1	15.3	16.2	65	55	66	64.7
21	25.4	27.9	24.4	25.7	21.2	21.9	20.8	15.7	15.6	15.7	15.7	65	58	68	64.0
22	26.2	26.6	23.9	25.6	21.8	23.1	21.7	16.2	17.5	17.6	17.1	64	69	80	69.0
23	25.7	28.5	24.1	26.1	23.1	24.0	21.9	18.8	16.8	17.9	18.4	76	64	81	73.7
24	26.3	28.5	25.1	26.6	23.1	24.0	23.2	18.4	18.5	19.6	18.8	78	64	82	72.7
25	25.6	27.9	23.6	25.7	22.2	22.4	21.5	17.3	17.0	17.4	17.2	71	60	80	70.3
26	24.9	28.4	23.8	25.7	22.4	23.4	22.1	18.1	17.5	16.8	18.1	78	60	83	73.7
27	25.1	27.4	23.8	25.4	21.8	22.7	21.6	16.9	16.8	17.5	17.1	71	62	79	70.7
28	25.1	28.6	24.5	26.1	21.6	23.1	22.0	16.5	16.9	17.7	17.0	70	58	77	68.3
29	26.2	28.5	24.6	26.4	21.1	22.4	19.8	14.9	15.7	13.9	14.8	58	54	61	57.7
30	25.5	27.8	23.3	25.5	20.2	21.7	19.2	14.0	14.9	13.7	14.2	57	54	64	58.3
31															
1–5	131.9	143.9	125.2	133.6	108.3	114.7	106.7	78.9	82.6	80.9	80.9	307	281	345	311.0
6–10	132.2	137.4	123.2	131.2	102.4	109.0	99.4	70.3	76.0	70.1	72.2	275	271	304	283.3
10–15	131.5	142.4	122.5	132.2	106.5	113.6	105.5	76.3	81.4	80.3	79.3	288	260	351	300.7
16–20	130.1	137.8	120.4	130.2	110.2	113.1	106.6	83.9	82.1	84.1	83.4	324	292	377	334.4
21–25	129.2	136.8	121.1	129.7	114.4	115.9	109.1	88.4	87.1	88.2	87.2	348	309	392	349.7
26–30	126.8	140.7	120.0	129.1	107.1	113.3	104.7	80.4	81.8	81.6	81.2	334	288	364	328.7
Sums	781.7	841.0	732.4	788.0	645.9	679.6	632.0	476.2	491.0	485.2	484.2	1886	1721	2193	1916.8
Means	26.1	28.0	24.4	26.2	21.5	22.6	21.1	15.9	16.4	16.2	16.1	62.9	57.4	71.1	63.9

Barometer **Maximum** 763.4 on 12 A.M. & 2½ P.M.
" **Minimum** 757.8 on 16 2½ P.M.
Thermometer **Maximum** 30.46 on 5, 13
" **Minimum** 16.3 on 18, 28
Highest Temp. **in Sun** on
Lowest " **on Grass** on
Rainfall **Maximum** on

No. of days with:
rain .....
thunderstorms .....
fog .....
gale .....

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W	N
8½ A.M						9	19	1
2½ P.M		1				6	19	1
8½ P.M			1			2	11	
Totals		1	1			17	49	1

.OGICAL REGISTER;

I PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

. FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " Thermometers above ground:
Dry and wet 1.55 meters; Max. 1.75; Min. 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.56 meters; above sea level 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

city of vapour Millimeters			Relative Moisture per cent.				Clouds. Clear— 0 Overcast—10							Direction and force of Wind. 0 — 10			Wind per day. miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes.
8½	2½	8½ mean	8½	2½	8½	mean	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½		2½ P.M.	A.M.	P.M.	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
12.4	14.2		58	46	58	54.7	10 cum		4 cum		0		4.7	SW.1	SW.2	W.1		SW.									
15.5	16.3		58	48	66	61.3	2 cum	L.	7 cum fog		1 cum		3.3	SW.2	SW.3	W.2		rough						⊕		4	few drops at 7.30 a.m.
16.5	16.3		62	54	70	62.0	1 cum	L.	2 cum		7 cum		3.3	SW.3	SW.2	SW.2		V. SW									
16.6	16.3		65	50	72	64.0	4 cum fog cir		1 cum	L.	9 cum St		6.3	SW.2	NW.2	0		V. SW									
16.3	17.8		67	61	79	69.0	8 cum fog cir		0		0		2.7	SW.1	W.1	0		V. SW									
15.0	14.9		60	50	69	59.0	6 cum fog cir		2 cum	h	1 cum	NE	3.0	W.1	W.2	W.1		SW									
14.1	15.3		56	48	63	62.3	2 cum		1 cum	S.W.	2 cum	L.	1.7	W.1	W.3	W.2		SW									
12.7	13.4		53	46	54	51.7	4 cum		1 cum fog cir	S.W.	6 cum		3.7	W.2	W.3	W.2		rough						⊕			few drops
14.5	14.1		48	56	61	55.0	1 cum	W.	4 cum		6 cum		3.7	W.1	NW.2	W.1		SW									
13.8	13.9		56	51	62	56.3	4 cum fog cir		2 cum fog cir	S.	0		2.0	W.1	NW.2	0		V. SW									
15.4	14.5		56	52	65	57.7	2 cum cir		1 fog cir	S.E.	10 cum St		4.3	SW.1	NW.2	0		V. SW									
16.4	15.7		56	57	73	62.0	1 cum	N.W.	2 cum fog cir		0		1.0	W.1	NW.2	0		V. SW									
15.0	15.4		58	54	62	57.0	1 cum	L.	0		0		0.3	SW.1	W.2	W.1		SW								4	N. at 7.40 p.m.
16.5	17.0		63	61	74	66.0	1 cum	N.W.	1 cum		0		0.7	W.2	W.2	W.1		V. SW									
17.0	16.7		68	56	77	67.0	0		0		0		0.0	W.2	W.1	0		V. SW									
16.1	18.0		73	61	81	71.7	1 cum	N.W.	1 cum	L.	0		0.7	W.2	NW.2	0		V. SW						2			
15.1	15.5		65	54	73	64.0	4 cum fog cir		2 cum fog cir		0		2.0	W.1	W.2	0		SW						2			
17.0	15.8		61	59	77	65.7	0		1 cum	L.	0		0.3	W.1	NW.2	0		V. SW						2			
18.6	17.9		60	63	78	70.3	0 cum		1 cum	L.	0		0.3	0	NE.1	E.1		V. SW						2			
15.3	16.2		65	55	68	64.7	4 cum fog cir		1 cum	N.E.	0		1.7	W.1	W.2	W.1		V. SW						2			
15.7	15.7		65	58	69	64.0	0		0		0		0.0	W.1	NW.2	0		V. SW						10			
17.6	17.1		64	63	80	69.0	0		0		0		0.0	W.2	NW.2	0		V. SW						2			
17.9	18.4		76	64	81	73.7	0		0		0		0.0	W.1	SW.1	W.1		V. SW						2			
19.6	18.8		72	64	82	72.7	2 cum	h.	0		9 cum fog cir		3.7	SW.3	SW.1	0		V. SW						2			
17.4	17.2		71	60	80	70.3	3 cum fog cir		4 cum fog cir		0		2.3	W.1	W.2	0		V. SW									
16.8	16.1		78	60	83	73.7	2 cum fog cir		4 cum fog cir		0		2.0	W.2	SW.2	0		V. SW						2			
17.5	17.1		71	62	79	70.7	2 cum		1 cum	L.	0		1.0	NW.1	NW.1	0		V. SW						2			
17.7	17.0		70	58	77	68.3	0 cum		1 cum	L.	0		0.3	W.2	W.2	W.2		V. SW						2			
13.9	14.8		58	54	61	57.7	4 cum cir		2 cum	L.	4 cum min		3.3	W.2	W.3	SW.3		SW.									
13.7	14.2		57	54	64	58.3	2 cum	h.	1 cum	h.	2 cum		1.0	SW.1	W.2	0		rough									
80.9	80.9		307	281	345	311.0	30		14		17		20.3	9	10	5											
70.1	72.2		275	271	304	283.3	17		10		15		14.1	6	12	6											
80.3	79.3		288	260	351	319.7	5		4		10		6.3	7	9	2											
84.1	83.4		324	292	377	334.3	9		6		0		5.0	5	9	2											
88.2	87.2		348	309	392	349.7	5		4		9		6.0	8	8	1											
81.6	81.2		334	288	364	328.7	10		9		6		7.6	8	10	5											
485.2	484.2		1886	1721	2193	1916.8	76		47		57		57.3	43	58	21											
16.2	16.1		62.9	57.4	71.1	63.9	2.5		1.6		1.9		2.0	1.4	1.9	0.7											

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
			9	19	1	1	30
			6	19	10		30
1			2	11		16	30
			17	49	11	17	90

No. and make of:
Barometer
Thermometers
Dry and Wet
Maximum
Minimum
Rain gauge

Robert H. West M.A.
OBSERVER.

TO .....

.....

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT (

Year 1904

Month October

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	25.1	761.2	26.2	763.0	25.2	761.1	760.9	760.0	762.8	760.6	27.6	16.5		
2	25.4	762.7	26.9	762.5	25.8	763.9	762.3	762.0	763.5	762.6	28.0	18.1		
3	25.9	764.6	27.2	764.1	26.0	764.1	764.2	763.6	763.7	763.8	28.6	19.9		
4	25.5	763.3	27.4	762.9	26.4	762.7	763.0	762.3	762.2	762.5	29.2	18.6		
5	25.9	762.7	27.6	761.9	26.3	762.2	762.3	761.3	761.8	761.8	29.3	17.9		
6	25.9	761.6	28.6	761.1	26.8	761.2	761.2	760.4	760.7	760.8	31.8	17.9		
7	27.8	761.5	28.9	761.1	28.4	761.0	760.8	760.4	760.3	760.5	33.1	19.4		
8	29.0	762.5	29.9	763.0	30.9	762.7	761.7	762.1	761.7	761.8	34.0	23.6		
9	31.2	763.3	30.1	762.8	29.3	761.4	762.2	761.3	760.7	761.6	33.6	25.2		
10	28.9	763.5	31.1	763.5	29.9	763.3	762.5	762.4	762.4	762.4	33.2	23.3		
11	28.1	763.7	31.6	764.1	28.0	764.5	763.0	762.9	763.8	763.2	33.6	20.4		
12	27.4	764.3	30.4	763.9	27.6	763.7	763.7	762.9	763.1	762.2	35.0	20.0		
13	27.1	762.7	28.8	761.4	26.9	760.9	762.2	760.8	760.4	761.0	32.1	18.9		
14	27.0	759.6	28.4	759.6	26.4	759.5	759.0	758.9	759.0	759.0	30.3	14.4		
15	25.9	762.3	28.3	760.0	26.2	760.4	759.9	759.2	760.0	759.7	28.7	17.7		
16	25.8	761.9	27.8	759.6	25.6	759.9	760.5	759.0	759.5	759.7	28.6	17.6		
17	25.2	760.4	27.6	760.0	25.6	761.5	760.1	759.4	761.1	759.9	27.9	17.4		
18	25.3	761.4	26.4	761.3	25.1	762.4	761.1	760.8	762.2	761.4	27.3	22.6		
19	24.2	763.1	26.9	761.9	25.5	761.7	762.9	761.4	761.4	761.9	28.2	15.6		
20	25.1	760.1	25.9	759.2	24.4	758.7	759.8	758.8	758.5	759.0	27.9	17.4		
21	23.3	757.8	23.9	757.5	22.7	757.0	757.7	757.4	757.0	757.4	26.0	13.6		
22	21.5	757.2	21.7	756.8	20.5	758.3	757.4	757.1	758.6	757.7	22.1	11.6		
23	20.1	758.9	20.3	759.2	19.1	760.4	759.3	759.6	760.9	759.9	23.1	10.9		
24	19.2	761.4	21.6	761.0	21.1	761.6	761.5	761.2	761.9	761.7	24.0	11.7		
25	19.9	762.7	22.3	762.3	20.9	762.0	763.1	762.4	762.9	762.8	24.7	12.8		
26	20.6	762.4	22.7	761.7	22.6	759.7	762.1	760.7	759.8	761.1	24.5	12.9		
27	22.1	758.5	24.7	758.5	23.3	758.5	758.7	758.3	758.4	758.5	27.9	15.3		
28	22.8	760.6	24.2	760.7	22.9	761.5	760.6	760.5	761.5	760.9	25.2	16.1		
29	22.1	761.5	24.4	760.8	23.2	761.0	761.6	760.6	761.0	761.1	26.9	14.4		
30	22.4	761.1	24.8	760.8	22.2	760.5	761.2	760.6	760.6	760.8	26.8	15.2		
31	23.2	759.0	25.0	759.2	23.9	759.7	758.9	758.9	759.6	759.1	29.7	15.7		
Sums 1–5	127.8	3814.5	135.3	3824.4	129.7	3814.0	3812.7	3809.2	3812.0	3811.3	142.7	91.0		
„ 6–10	149.8	3812.4	148.6	3811.5	144.7	3809.6	3808.4	3802.2	3805.8	3806.1	165.7	109.4		
„ 10–15	135.5	3816.6	147.5	3808.1	135.1	3809.0	3802.8	3804.5	3806.3	3806.1	139.7	91.4		
„ 16–20	125.6	3805.9	137.6	3802.0	126.2	3803.2	3804.4	3799.4	3801.7	3801.9	137.9	90.6		
„ 21–25	104.0	3798.0	109.8	3806.8	104.3	3799.9	3799.4	3792.6	3801.3	3798.5	118.9	60.6		
„ 26–31	133.2	4363.1	145.8	4560.7	138.7	4560.9	4363.7	4359.6	4560.9	4561.5	161.0	89.6		
Total Sums	769.4	23041.5	871.6	23611.4	778.1	23594.6	23396.4	23577.5	23888.0	23386.4	888.9	532.6		
Means	24.8	761.4	26.5	761.7	25.1	761.2	761.2	760.6	760.9	760.9	28.7	17.2		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	24.7	26.3	24.6	25.2	19.9	20.8	20.5	14.1	14.4	15.7	14.7	62	56	69	62.
2	26.0	26.8	25.4	26.1	21.1	22.3	22.6	15.1	16.6	18.0	16.6	60	63	74	65.
3	26.3	27.1	26.6	26.3	22.4	22.8	22.0	17.2	17.3	16.9	17.1	68	65	69	67.
4	26.6	27.7	24.6	26.3	18.4	22.4	22.6	11.0	16.2	18.6	15.3	42	58	81	60.
5	25.8	26.3	25.4	26.5	22.4	22.5	22.6	17.5	16.0	18.2	17.2	71	56	75	67.
6	26.1	31.0	25.9	27.7	11.9	18.4	23.5	12.3	16.9	19.5	16.2	47	46	78	57.
7	30.1	29.4	29.9	29.8	20.6	24.8	16.9	12.2	19.4	10.2	13.9	38	63	32	44.
8	31.1	30.5	31.5	31.0	20.3	23.1	18.0	16.3	15.7	8.8	13.6	48	48	25	40.
9	32.1	28.8	28.4	29.8	20.9	24.2	21.2	11.7	18.7	13.1	14.5	33	62	45	46.
10	29.4	30.7	27.4	29.2	23.2	24.9	22.7	16.5	18.9	16.9	17.4	54	58	63	58.
11	27.2	32.1	25.5	28.3	24.1	23.5	24.5	19.7	15.4	21.9	19.0	74	43	90	69.
12	27.2	29.2	24.8	27.1	20.6	25.3	23.4	13.7	20.5	17.8	17.3	50	68	87	68.
13	26.6	28.1	24.7	26.5	22.9	24.2	23.4	17.8	19.2	20.3	19.1	69	68	87	74.
14	26.8	28.6	24.1	26.5	21.3	24.6	22.8	15.0	19.5	19.6	18.0	56	67	88	70.
15	25.3	27.6	23.7	25.5	21.8	22.6	21.7	16.7	16.6	17.8	17.0	70	60	82	70.
16	25.5	27.5	23.4	25.5	21.9	22.1	20.7	16.9	15.7	16.1	16.2	69	58	75	67.
17	25.3	27.9	24.9	26.0	21.6	22.3	22.1	16.4	16.0	17.5	16.4	68	57	75	67.
18	24.2	26.3	23.5	24.7	20.4	22.0	21.0	15.1	16.4	16.6	16.0	67	63	77	69.
19	23.8	27.1	23.9	24.9	20.1	22.5	21.1	14.5	16.8	16.4	16.0	68	63	74	68.
20	24.8	24.4	22.7	24.0	20.4	20.3	18.9	14.7	14.8	13.6	14.4	64	65	66	65.
21	24.4	22.1	19.7	20.7	18.9	19.3	16.3	15.0	14.6	11.7	13.8	64	74	68	75.
22	19.6	19.4	16.9	18.6	17.5	18.1	16.2	13.4	14.5	13.2	13.7	79	87	92	86.
23	19.4	17.8	17.4	18.2	16.1	15.8	14.6	11.5	12.1	10.6	11.4	68	60	71	73.
24	19.8	22.8	21.5	21.4	15.7	17.8	15.8	10.8	12.1	10.1	11.0	62	58	53	57.
25	20.6	23.6	19.3	21.2	15.4	16.4	15.3	10.8	12.0	10.6	10.2	53	46	63	54.
26	21.0	23.4	22.9	22.4	16.3	17.3	18.8	10.9	11.1	13.4	11.8	60	52	65	59.
27	23.1	26.2	22.6	24.0	14.3	20.0	20.3	12.6	13.8	15.9	13.9	60	52	78	63.
28	22.8	24.3	21.4	22.8	18.1	19.9	19.3	12.4	14.2	15.1	13.9	60	68	79	67.
29	22.1	25.6	21.4	23.0	15.9	19.1	17.4	10.0	12.4	12.1	11.5	50	51	64	55.
30	22.2	23.5	21.0	22.9	16.5	20.5	19.0	10.6	14.5	14.9	13.3	53	61	80	64.
31	24.7	26.5	21.8	24.3	17.2	20.1	18.8	10.4	13.3	13.9	12.5	45	52	71	56.
Sums 1–5	129.4	136.2	125.6	130.4	104.2	110.8	110.7	74.9	80.5	87.4	80.9	323	288	368	322.
„ 6–10	148.8	150.4	142.1	147.5	96.9	115.4	104.3	66.6	89.6	88.5	75.6	220	277	243	246.
„ 10–15	133.1	142.6	122.8	133.9	110.7	120.2	115.8	82.5	91.2	97.4	90.4	319	306	434	353.
„ 16–20	123.6	133.2	118.4	125.1	104.4	110.2	103.8	78.0	79.7	80.2	79.2	357	316	367	336.
„ 21–25	99.8	105.7	94.8	100.1	83.6	87.4	68.2	60.7	63.3	56.2	60.1	348	345	347	344.
„ 26–31	135.9	151.5	131.1	139.4	102.3	116.9	112.6	66.4	76.8	65.3	76.9	328	330	437	364.
Total Sums	779.6	822.4	735.8	796.4	602.1	660.9	614.4	432.4	481.1	475.0	463.1	1885	1862	2196	1970
Means	24.9	26.5	23.7	25.0	19.4	21.3	19.9	13.9	15.5	15.3	14.9	57.8	60.1	70.8	63.

Barometer **Maximum** 764.2 **on** 3

„ **Minimum** 757.0 **on** 21, 22

Thermometer **Maximum** 35°.2 **on** 10

„ **Minimum** 10.9 **on** 23

Highest Temp. **in Sun** **on**

Lowest „ **on Grass** **on**

Rainfall **Maximum** 4.10 in **on** 22

No. of days with:

rain ...4...

thunderstorms ...2...

fog .....

gale .....

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W
8½ A.M		2	1			7	5
2½ P.M	7	6	2			3	5
8½ P.M	5	6	7			2	1
Totals	12	14	10			12	11

LOGICAL REGISTER;

N PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

G. FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " Thermometers above ground:
Dry and wet 1.55 meters; Max. 1.75; Min. 1.70 meters
Height of Rim of Rain Gauge:
Above ground 0.56 meters; above sea level 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

Tension of vapour Millimeters			Relative Moisture per cent.				Clouds. Clear— 0 Overcast—10							Direction and force of Wind. 0 — 10			Wind per day. miles Km.	Sea	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes.
2½	8½	mean	8½	2½	8½	mean	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½		2½ P.M.	A.M.	P.M.	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
14.4	15.7	14.7	62	56	64	62.3	2 cum		1 cir	E.	4 cir		2.0	W.1	N.2	N.2		sm									
16.6	18.0	16.6	60	63	74	65.7	0		10 hazy cir		0		3.3	NE.3	NE.4	N.4		rough									
17.3	16.9	17.1	68	65	69	67.3	0		0		0		00	NE.4	NE.3	NE.2		rough									
16.2	18.6	15.3	42	58	81	60.3	0		0		0		00	0	N.1	0		V. sm									
16.0	18.2	17.2	71	56	75	67.3	0		0		0		00	0	N.1	NE.1		V. sm									
16.9	19.5	16.2	47	46	78	57.0	10 thin hazy cir		1 hazy cir		0		3.7	W.1	E.1	NE.1		V. sm.									
17.4	19.2	17.9	38	63	32	44.3	0 cir		0		0		00	0	NE.2	E.1		V. sm									
15.7	18.8	13.6	48	48	25	40.3	8 thin hazy cir		7 cir		9 cum		8.0	0	E.1	E.1		V. sm.									
18.7	23.1	14.5	53	62	45	46.7	8 thin hazy cir		10 hazy cir		2 hazy cir	h.	6.7	W.2	NE.2	E.1		V. sm.									
16.9	16.9	17.4	54	58	63	58.3	10 thin hazy cir		8 cir		1 hazy cir		6.3	E.1	NE.2	NE.1		sm.									The Therm. pointed to 38.6 C at one
15.4	21.9	19.0	74	43	90	69.0	10 thin hazy cir		8 hazy cir		0		6.0	SW.2	N.2	E.1		V. sm.									o'clock A.M.
16.5	17.8	17.3	50	68	87	68.3	7 cir		6 hazy cir		0		4.3	SW.1	0	E.1		V. sm.									little upon rotten leaves
18.2	20.3	19.1	69	68	87	74.7	10 hazy cir		1 hazy cir		4 hazy cir		5.0	W.1	NE.1	E.1		V. sm.									
14.5	19.6	18.0	56	67	88	70.3	10 cir		8 cir		5 cir		7.7	SW.2	W.1	0		V. sm.									
16.6	17.8	17.0	70	60	82	70.7	0		2 cum	E.	1 cum	W.	1.0	SW.2	SW.2	W.1		sm.									
15.7	16.1	16.2	69	58	75	67.3	2 cum		1 cum	E.	1 hazy cir	W.	1.3	SW.2	W.1	0		V. sm									
16.0	12.5	16.4	69	57	75	67.0	1 cum		1 cum	E.	0		0.7	0	1	N.2		V. sm									
14.4	16.6	16.0	67	63	77	69.0	0		0		0		00	SW.1	N.2	0		V. sm									upon rotten leaves
16.8	16.4	16.0	68	63	74	68.3	1 cum	E	0		2 cum		1.0	0	W.2	SW.1		V. sm									" "
14.8	13.6	14.4	64	65	66	65.0	7 cum		10 cum		2 cum	E.	6.3	SW.4	W.2	SW.2		V. rough		0.40	0.40						all warm from 5½–6 P.M.
14.6	11.7	13.8	84	74	68	75.3	7 cum		4 cum		5 cum		7.0	0	N.1	N.1		rough	0.43	0.03	0.46						few drops at 7.45 P.M.
14.5	13.2	13.7	79	87	92	86.0	10 cum		10 cum		10 cum		10.0	W.2	0	NE.2		rough	0.90	3.20	4.10						~~alternation~~ N.
12.1	10.6	11.4	68	80	71	73.0	10 cum		10 cum hazy cir		1 cum		7.0	0	0	0		V. sm	0.55	0.15	0.70						S.
12.1	10.1	11.0	62	58	53	57.7	1 cum	NW.	2 cum	E.	0		1.0	0	W.1	NE		V. sm									W.
10.0	10.6	10.2	55	46	63	57.7	0		1 cum hazy cir		0		0.3	0	NW.1	E.2		V. sm									
11.1	13.4	11.8	60	52	65	59.0	0		0		0		00	0	N.3	NE.2		sm.									
13.8	15.9	13.9	60	52	78	63.3	10 cum hazy cir		5 cum hazy cir		4 cum hazy cir		6.3	0	N.2	0		V. sm.									at 6.30 N.
12.2	15.1	13.9	60	63	79	67.3	10 hazy cir		10 cir		0		6.7	0	0	0		V. sm									few drops at 9 P.M.
11.4	12.1	11.5	50	51	64	55.0	0		0		0		00	0	SW.1	0		V. sm.									at 6.30 N.
14.5	14.9	13.3	53	61	80	64.3	0		2 cum	NE.	0		1.7	0	SW.2	0		sm.									N.
12.3	13.9	12.5	45	52	71	56.0	9 hazy cir		2 cum 2 cir		1 hazy cir		4.0	0	0	0		sm.									E. N + W.
19.5	87.4	84.9	303	288	368	322.9	2		11		4		5.3	8	11	9											N. from 6.30 – 9
17.6	88.5	75.6	220	277	243	246.6	36		26		12		24.7	4	8	5											
21.2	97.4	90.4	319	306	434	353.0	37		25		10		24.0	8	6	4											
19.7	89.2	79.2	337	316	367	336.6	11		12		5		9.3	6	7	5											
13.3	50.2	60.1	348	345	347	346.7	28		32		16		25.3	2	3	7											
16.8	65.3	76.9	328	330	437	364.9	29		19		5		17.7	0	8	2											
21.1	475.0	463.1	885	862	1146	1707	143		125		57		324.3	28	49	37				5.66							
15.5	15.3	14.9	59.8	60.1	70.8	63.6	4.6		4.0		1.7		3.4	0.9	1.4	1.0				0.18							

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
1			7	5		16	31
2			3	5	1	6	31
7			2	1		10	31
10			12	11	1	32	93

No. and make of:
Barometer
Thermometers
Dry and Wet
Maximum
Minimum
Rain gauge

Robert West M.A.
OBSERVER.

TO .....

.....

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT C

Year 1904
Month November

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 1

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	23.1	760.6	24.6	759.7	23.3	760.6	760.6	759.5	760.6	760.23	25.3	20.0		
2	22.2	759.8	21.7	760.6	21.6	760.4	759.8	760.8	760.6	760.40	20.7	18.9		
3	21.6	760.8	23.7	760.5	22.3	761.3	761.0	760.4	761.4	760.93	25.4	19.4		
4	20.4	762.1	22.6	760.6	21.3	760.4	762.4	760.6	760.6	761.20	23.2	17.1		
5	20.6	759.8	20.5	759.5	19.3	760.4	760.1	759.4	760.9	760.30	23.2	16.1		
6	19.3	761.5	19.8	762.3	19.0	763.3	762.0	762.7	763.8	762.83	21.9	16.6		
7	18.9	764.1	20.1	763.7	19.8	764.3	764.7	764.0	764.7	764.47	23.6	16.2		
8	19.3	765.1	21.7	764.5	20.4	765.1	765.6	764.7	765.4	765.23	24.3	16.8		
9	19.8	765.7	21.7	764.4	21.2	764.6	766.1	764.6	764.9	765.20	18.1	16.9		
10	20.3	763.7	22.7	762.5	21.8	762.5	764.1	762.5	762.7	763.10	24.0	17.6		
11	21.0	761.6	23.2	760.4	22.7	759.4	761.9	760.3	759.4	760.93	25.6	18.9		
12	21.6	760.5	21.2	759.7	20.0	758.5	760.7	758.0	758.9	759.20	24.7	16.7		
13	19.9	758.6	19.5	758.4	18.4	758.6	759.1	758.9	759.2	759.07	19.7	15.6		
14	18.5	761.5	19.9	761.9	18.7	762.3	762.1	762.3	762.9	762.43	22.1	14.9		
15	18.4	762.1	20.4	760.2	20.1	760.2	762.4	760.5	760.6	761.13	24.3	15.8		
16	18.7	760.6	21.2	759.9	19.9	760.0	761.2	760.2	760.4	760.93	22.3	16.1		
17	19.5	763.5	21.2	763.7	20.2	764.4	764.0	763.9	764.8	764.23	22.5	16.4		
18	18.9	765.5	20.4	765.0	19.2	765.2	766.0	765.3	765.7	765.60	20.6	14.2		
19	18.3	766.5	20.2	765.2	18.9	765.2	767.1	765.6	765.7	766.13	21.5	14.4		
20	18.4	765.2	20.7	763.7	18.7	762.8	765.8	764.0	764.4	764.73	21.5	15.3		
21	17.7	762.8	19.7	761.7	18.5	761.5	764.5	762.1	762.1	762.90	20.9	14.4		
22	16.8	758.5	17.2	758.0	16.4	759.9	759.3	758.8	760.7	759.60	18.7	12.5		
23	16.4	763.2	18.6	763.2	17.2	763.9	764.0	763.8	764.7	764.17	21.2	12.7		
24	17.0	766.4	19.0	766.5	17.3	766.6	767.2	767.1	767.4	767.23	20.6	14.4		
25	16.9	767.5	19.3	767.2	17.6	766.9	768.4	767.7	767.7	767.93	20.9	14.4		
26	17.0	765.5	19.6	763.4	18.2	761.7	766.3	763.8	762.3	764.13	21.3	14.6		
27	19.4	758.4	20.4	758.8	19.1	760.1	758.9	759.2	760.6	759.57	23.2	16.4		
28	18.3	763.3	20.1	762.4	18.5	761.8	763.9	762.8	762.4	763.03	21.0	14.5		
29	17.4	762.6	19.7	761.4	18.8	760.4	763.3	761.8	760.9	762.00	21.0	14.3		
30	18.3	759.0	18.9	759.8	18.3	759.2	757.6	759.3	759.8	759.57	19.8	16.3		
31														
Sums 1–5							380.9	380.2	380.4	380.06	121.8	91.5		
„ 6–10							382.5	381.5	382.5	382.08	111.9	84.1		
„ 10–15							384.2	380.0	384.0	384.23	116.4	81.9		
„ 16–20							384.1	381.9	382.0	382.16	118.4	76.4		
„ 21–25							382.3	381.9	382.2	382.18	102.3	68.4		
„ 26–31							384.0	380.1	383.9	384.23	106.3	76.1		
Total Sums							230.01	228.84	228.94	228.83	667.1	478.4		
Means							763.0	762.9	762.3	762.43	222.2	159.9		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	22.0	24.2	21.2	22.5	18.9	19.2	18.8	14.0	13.2	14.4	13.9	71	58	77	68.7
2	22.1	19.7	20.3	20.7	16.9	17.8	16.7	11.1	13.8	11.8	12.2	57	41	66	54.7
3	21.3	23.7	20.8	21.9	16.6	19.5	16.4	11.1	13.9	14.0	13.0	59	63	76	66.0
4	17.1	21.5	24.0	19.5	16.1	17.7	17.3	13.0	12.5	12.9	12.8	90	66	74	76.7
5	19.4	19.3	17.1	18.6	15.6	15.4	14.2	10.8	10.7	10.4	10.6	64	64	71	66.3
6	18.5	16.4	17.2	17.4	15.6	15.9	15.2	11.3	13.0	11.9	12.1	72	94	79	81.7
7	18.8	22.2	18.6	19.9	16.3	18.2	15.8	12.1	13.0	11.6	12.2	75	65	73	71.0
8	18.5	23.1	19.0	20.5	15.8	18.6	16.7	11.0	13.0	12.5	12.2	66	62	77	68.3
9	19.6	22.3	21.2	21.0	16.5	18.2	17.2	11.9	12.8	12.0	12.2	71	64	64	66.3
10	20.3	23.1	21.6	21.7	15.8	17.7	17.7	10.7	11.7	12.6	11.7	60	55	66	60.3
11	21.1	23.8	22.8	22.6	17.1	19.1	20.2	11.9	13.3	15.6	13.6	64	60	76	66.7
12	16.6	19.9	16.6	17.7	16.2	17.1	15.9	13.3	12.6	13.3	13.1	95	73	93	87.0
13	17.4	17.7	17.1	17.4	15.7	16.0	15.1	12.2	12.4	11.4	12.0	82	82	78	80.7
14	19.2	20.1	16.5	16.6	13.7	16.3	14.0	8.8	11.4	10.4	10.2	53	65	74	64.0
15	18.3	21.6	19.2	19.7	14.8	16.8	16.8	10.4	11.4	12.2	11.3	66	59	74	66.3
16	17.8	22.2	19.7	19.9	14.1	15.4	13.6	9.8	9.4	8.4	9.2	65	47	48	53.3
17	19.0	20.3	17.6	19.0	14.8	17.9	15.8	10.1	12.4	12.2	11.6	62	70	81	71.0
18	17.8	20.3	16.2	18.1	13.9	15.9	15.2	9.5	10.8	12.7	11.0	63	61	84	71.0
19	16.2	19.9	17.3	17.8	14.8	15.2	14.2	11.6	10.2	10.2	10.7	85	54	64	71.0
20	17.1	20.3	16.9	18.1	13.7	14.6	13.2	9.6	9.2	9.2	9.3	67	52	65	61.3
21	16.1	20.0	17.0	17.7	12.9	14.6	14.1	9.3	9.3	10.2	9.6	69	53	71	64.3
22	13.1	14.8	13.4	13.7	12.0	12.9	12.9	9.8	9.9	10.7	10.1	87	79	93	86.3
23	15.5	18.1	15.4	16.3	13.4	15.9	13.7	10.5	12.1	10.5	11.0	81	79	81	80.3
24	16.9	18.7	15.7	17.1	14.4	16.0	14.1	10.7	11.8	11.0	11.2	75	73	83	77.0
25	16.1	19.8	15.9	17.3	14.4	15.6	13.6	11.2	10.6	10.2	10.7	86	62	76	74.3
26	16.9	20.1	17.2	18.1	14.2	16.1	15.2	10.3	11.2	11.5	11.0	82	63	79	71.3
27	22.1	19.9	19.4	20.5	14.2	17.1	13.9	8.2	12.5	8.9	9.9	41	72	52	55.0
28	16.6	19.3	16.2	17.4	13.5	17.1	13.2	9.7	10.1	9.6	9.1	70	49	70	66.3
29	16.8	19.8	17.8	18.1	12.8	15.3	14.9	8.8	10.3	10.8	10.0	62	60	71	64.3
30	17.6	18.5	17.2	17.8	13.9	14.2	13.7	9.7	9.5	9.7	9.6	65	60	67	64.0
31															
Sums 1–5	101.9	108.4	99.4	103.2				60.0	64.1	63.5	62.5	341	292	364	332.3
„ 6–10	96.7	102.1	97.6	100.5				57.0	63.5	60.6	60.4	344	340	359	342.6
„ 10–15	92.6	103.1	92.2	96.0				52.6	61.1	62.9	60.2	360	339	395	364.7
„ 16–20	87.9	103.0	87.7	92.9				50.6	52.0	52.7	51.8	342	289	352	327.1
„ 21–25	77.7	91.4	77.4	82.1				51.5	53.7	52.6	52.6	397	346	304	382.1
„ 26–31	90.0	97.6	87.8	91.9				46.7	51.6	50.5	49.6	310	304	339	320.3
Total Sums	546.8	610.6	542.1	566.6				322.4	341.6	342.8	337.1	2004	2011	2113	2057
Means	182	204	181	189				10.7	11.5	11.4	11.2	69.8	67.0	70.4	69.[illegible]

Barometer Maximum 768.4 on 25 8½ A.M.
„ Minimum 757.8 on 30 8½ P.M.
Thermometer Maximum 25.6 on 11
„ Minimum 12.5 on 22
Highest Temp. in Sun on
Lowest „ on Grass on
Rainfall Maximum 1.495 in on 22

No. of days with:
rain 14
thunderstorms 2
fog .....
gale .....

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W
8½ A.M	1	1	3		1	4	5
2½ P.M	2	2			1	10	11
8½ P.M	3	2	1	1	2	3	2
Totals	6	5	4	1	4	17	18

LOGICAL REGISTER;
AN PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

L. E. FROM GREENWICH 35° 28′ 10″

Height of Barometer above sea level 33.7 meters
" " Thermometers above ground: Dry and wet 1.55 meters; Max. 1.75; Min. 1.70 meters
Height of Rim of Rain Gauge: Above ground 0.56 meters; above sea level 30.31 meters
Hours of Observation 8 1-2; 2 1-2; 8 1-2.

Elasticity of vapour Millimeters 2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean	Clouds. Clear—0 Overcast—10 8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	Direction and force of Wind. 0—10 8½	2½	8½	Wind per day. miles Km.	Sea 7½ P.M.	Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. mm. A.M.	P.M.	Total.	Duration. 8½ P.M. Rain.	Shine.	Condition of Weather Symbols 8½ A.M.	2½ P.M.	8½ P.M.	Further Daily Notes.
13.2	14.4	13.9	71	58	77	66.7	8 cir		3 cir		10 nim		7.0	0	N.1	0		slight									
13.8	11.8	12.2	57	41	66	54.7	10 cir		8 nim + cum		1 nim		6.3	0	N.3	0		mod.	0.17		0.17					↘	N.W. from 6–9
13.9	14.0	13.0	59	63	76	66.0	3 cir cum		5 cir cum		6 cum + nim		4.7	0	W.2	0		slight									
12.5	12.9	12.8	90	66	74	76.7	10 cir cum + nim		10 cum + nim		5 cum + nim		8.3	2.1	N.2	Sw.1		slight	0.65	0.05	0.70					↘	N.W.
10.7	10.4	10.6	64	64	71	66.3	8 cum + nim		10 cum + st		3 cum + nim		7.0	W.2	W.1	Sw.1		calm	0.16	0.12	0.28						
13.0	11.9	12.1	72	94	79	81.7	7 cum + nim		10 cum + nim		10 cum + nim		9.0	0	0	0		slight		1.03	1.03				1½		at one o'clock with ▲
13.0	11.6	12.2	75	65	73	71.0	7 cum + nim		6 cum + nim		0		4.3	0	Sw.2	0		slight									
13.0	12.5	12.2	66	62	77	68.3	1 cum		3 cum		0		1.3	0	W.1	0		calm									
12.8	12.0	12.2	71	64	64	66.3	9 cir		0		0		3.0	0	N.1	N.2		calm						1½			
11.7	12.6	11.7	60	55	66	60.3	10 cir	Sw.	0		0		0.3	0	N.2	0		mod.						1½			
13.3	15.6	13.6	64	80	76	66.7	0		4 cir	W.	2 cir		2.0	0	N.2	N.3		slight						1½		↘	N.W.
12.6	13.3	13.1	95	78	93	87.0	10 nim		10 nim + st		10 nim + cum		10.0	Sw.2	Sw.1	W.1		slight		0.68	0.68					1½	from 7:30–8:15
12.4	11.4	12.0	82	82	78	80.7	10 nim cum	S.W.	10 nim + cum		10 nim + cum		10.0	N.4	S.1	0		calm	0.14	0.73	0.87					↘	all evening
11.4	10.4	10.2	53	65	74	64.0	8 cum + nim		10 cum + nim	Sw.	4 cum + nim		7.3	Sw.3	Sw.2	N.1		slight	0.54		0.54						
11.4	12.2	11.3	66	59	78	66.3	2 cir		10 cir cum → W.		7 cum		6.3	W.1	W.3	0		slight									
9.4	8.4	9.2	65	47	48	53.3	7 cir cum → S.		1 cum		2 cir	S.	3.3	N.2.1	Sw.3	N.1		rough						1½			
12.4	12.2	11.6	62	70	81	71.0	10 cir cum + st		10 nim + cum	Sw.	10 nim		10.0	0	Sw.3	S.3		rough									
10.8	12.7	11.0	63	61	84	71.0	10 nim + cum	Sw.	2 cir cum → S.		10 nim + cum		7.3	Sw.1	W.2	0		slight	0.61		0.61						
10.2	10.2	10.7	85	59	64	71.0	9 nim + cum	W.	5 st cum	Sw.	9 nim + cum		7.7	0	Sw.2	0		slight	0.28		0.28						
9.2	9.2	9.3	67	52	65	61.3	8 cir cum → N.W.		2 st + cum	Sw.	9 cir cum		6.3	0	Sw.2	0		slight						1½			
9.3	10.2	9.6	69	53	71	64.3	0		1 cir cum		10 cum nim	W.	3.7	0	Sw.1	0		slight						1½		↘	
9.9	10.7	10.1	87	79	93	86.3	10 nim		10 nim		2 cir cum	W.	3.3	0	0	S.2		mod	0.235	1.26	1.495					↘	W. from 5–8
12.1	10.5	11.0	81	79	81	80.3	10 cir cum + st	W.	10 cir + st cum + nim		10 cir + st cum + nim		10.0	0	W.3	0		slight	0.73	0.055	0.785						
11.8	11.0	11.2	75	73	83	77.0	5 cum cir		5 cum + st		1 cum		3.7	E.1	0	E.1		calm	0.075		0.075					↘	all evening in N.
10.6	10.2	10.7	85	82	76	74.3	9 cir cum + st	W.	8 cir cum + st	W.	1 cum		6.0	W.1	Sw.1	Sw.1		calm	0.045		0.045						
11.2	11.5	11.0	82	68	79	71.3	0		0		0		0.0	S.1	0	0		calm						1½			
12.5	8.9	9.9	91	72	52	55.0	3 cir cum → S.W.		10 cir cum + st		10 cir + st		7.7	Sw.3	Sw.4	Sw.5		mod									
10.1	9.6	9.1	70	49	70	66.3	6 cir cum → W.		2 cir + st cum		1 st + nim		3.0	E.1	W.2	0		rough	0.09		0.09						
10.3	10.8	10.0	62	80	71	64.3	10 cir st → W.		10 cum + st		10 cir st		10.0	W.1	W.1	N.1		slight									
9.5	9.7	9.6	65	60	67	64.0	10 cir + st		10 st cum + st	W.	4 nim		8.0	W.1	W.2	W.4		slight									
64.1	63.5	62.5	341	292	364	332.4	39		36		25		33.3	3	9	2					1.15						
63.5	60.6	60.4	344	340	359	342.6	75		19		10		12.4	0	6	2					1.03						
61.1	62.9	60.2	360	339	395	364.7	30		44		33		33.6	10	9	5					2.09						
52.0	52.7	57.8	342	289	352	327.6	44		20		40		34.6	2	12	4					0.89						
53.7	52.6	52.6	397	346	304	382.2	34		34		24		30.7	2	5	4					2.40						
51.6	50.5	49.6	310	304	339	320.9	29		32		25		28.7	7	9	10					0.09						
34.60	34.28	33.71	304	201	211	205.4	201		185		157		180.8	24	50	27					7.650						
11.5	11.4	11.2	69.8	67.0	70.4	64.1	6.7		6.2		5.2		6.0	0.8	1.7	0.9					0.255						

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals	No. and make of:
3		1	4	5		15	30	Barometer
								Thermometers Dry and Wet
		1	10	11		4	30	Maximum
1	1	2	3	2		16	30	Minimum
4	1	4	17	18		35	90	Rain gauge

Robert H. West M.A.

OBSERVER.

TO .....

.....

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT C(

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 1(

Year 1904
Month December

Date	Barometer as read. 8½ Attached Thermometer. Cent.	8½ Barometer Millimeters	2½ Attached Thermometer Cent.	2½ Barometer Millimeters	8½ Attached Thermometer Cent.	8½ Barometer Millimeters	Barometer reduced to 0° and sea level. 8½	2½	8½	mean	Thermometer Cent. (Corrected) max.	min.	min. on grass.	Solar Black Bulb
1	17.1	752.7	18.2	753.5	16.6	754.2	753.6	754.2	755.1	754.30	19.6	12.6		
2	15.4	752.4	15.6	753.0	14.8	753.7	753.5	754.0	754.6	754.10	15.9	10.0		
3	13.8	756.5	14.1	758.1	12.8	759.9	757.8	759.3	761.2	759.43	14.8	9.5		
4	12.2	763.6	13.4	764.1	12.9	765.4	765.1	765.4	766.7	765.73	14.6	6.8		
5	12.9	764.9	14.9	763.4	13.7	763.2	766.3	764.5	764.5	765.10	17.4	9.7		
6	12.1	761.2	14.4	760.7	14.1	761.3	762.6	761.8	762.5	762.30	17.1	10.6		
7	14.3	763.2	15.4	763.9	14.7	765.0	764.3	764.9	766.1	765.10	17.6	12.1		
8	14.6	766.3	15.9	766.2	15.1	766.6	767.5	767.1	767.7	767.43	17.4	12.3		
9	14.6	765.8	16.5	765.1	15.2	765.8	767.1	765.9	766.9	766.60	20.1	12.1		
10	14.4	766.2	17.3	765.6	15.9	766.5	767.3	766.4	767.5	767.07	19.2	11.9		
11	15.4	766.8	17.4	766.0	16.0	766.0	767.9	766.7	767.0	767.20	19.4	13.1		
12	15.4	765.6	17.1	764.4	16.1	764.3	766.6	765.2	765.2	765.67	19.2	13.1		
13	15.2	763.6	17.1	762.4	16.7	762.8	764.6	763.2	763.7	763.83	19.8	12.8		
14	15.4	763.3	17.4	762.5	16.4	762.4	764.3	763.3	763.3	763.63	20.1	13.3		
15	15.6	760.9	17.2	760.1	17.4	762.1	761.9	760.9	762.8	761.87	20.8	13.6		
16	16.2	763.7	18.3	763.7	17.2	765.1	764.6	764.3	765.8	764.90	19.9	13.8		
17	15.6	765.5	17.4	764.9	16.8	765.4	766.5	765.6	766.3	766.13	19.6	12.8		
18	15.8	766.1	17.6	765.1	16.4	765.5	767.1	765.8	766.4	766.43	19.3	13.3		
19	15.8	764.0	17.0	761.6	15.9	760.5	765.0	762.4	761.3	763.07	18.5	12.6		
20	15.0	759.2	15.8	758.3	14.3	758.8	760.3	759.3	760.0	759.87	17.5	11.7		
21	14.2	760.0	14.7	759.8	14.6	759.7	761.2	760.9	760.9	761.09	16.9	10.6		
22	13.9	757.6	13.8	757.1	12.2	760.0	758.8	757.4	761.4	758.53	17.0	11.1		
23	11.3	763.8	12.5	764.3	11.5	765.7	765.4	765.7	767.3	766.13	13.2	7.3		
24	11.5	767.0	14.3	766.8	12.9	767.8	768.6	768.0	769.1	768.57	16.3	7.2		
25	13.3	768.5	14.3	767.1	13.7	766.6	768.8	768.2	767.9	768.03	16.2	10.6		
26	13.7	765.4	15.0	763.4	14.3	763.8	766.7	764.5	765.0	765.40	17.1	11.9		
27	13.7	762.3	15.7	761.3	14.8	762.1	763.6	762.3	763.2	763.03	17.6	11.9		
28	13.8	762.1	15.7	761.6	14.8	762.4	763.4	762.5	763.5	763.13	17.2	11.3		
29	14.3	763.0	15.1	761.6	15.3	761.3	764.1	762.7	762.3	763.03	15.9	12.5		
30	13.6	761.1	14.6	759.5	13.3	759.2	762.4	760.7	760.5	761.20	16.5	11.1		
31	13.3	759.4	14.6	760.2	13.8	762.0	760.7	761.3	763.8	761.93	16.2	10.7		
Sums 1–5							3796.3	3797.4	3802.3	3798.60	87.3	48.6		
" 6–10							3828.7	3826.1	3830.7	3828.30	91.4	59.0		
" 10–15							3825.3	3819.3	3822.0	3822.20	99.3	65.9		
" 16–20							3823.5	3817.4	3820.0	3820.03	94.8	64.2		
" 21–25							3823.8	3818.2	3826.6	3822.28	79.6	47.8		
" 26–31							4587.9	4574.0	4582.3	4577.72	100.5	69.4		
Total Sums							23[illegible].85	23[illegible].54	23[illegible].89	23[illegible].28	547.9	334.9		
Total Means							763.98	762.98	763.87	763.36	17.7	11.4		

Date	Dry Bulb Cent. (Corrected) 8½	2½	8½	mean	Wet Bulb Cent. (Corrected) 8½	2½	8½	Elasticity of vapour Millimeters 8½	2½	8½	mean	Relative Moisture per cent. 8½	2½	8½	mean
1	13.7	16.2	10.5	13.5	11.9	10.8	9.9	9.6	7.0	8.8	8.5	80	51	93	74.7
2	13.3	13.6	13.8	13.6	8.7	8.2	8.6	6.3	5.8	6.0	6.0	55	49	52	52.0
3	10.2	10.6	7.7	9.5	8.2	9.1	6.6	7.1	7.7	6.7	7.2	77	81	86	81.3
4	10.2	12.1	11.2	11.2	7.7	10.1	9.1	6.5	8.1	7.5	7.4	71	77	75	74.3
5	12.9	16.3	14.0	14.4	9.8	11.6	9.8	7.4	7.7	7.0	7.4	66	56	58	60.0
6	12.3	15.3	13.9	13.8	11.5	13.6	11.4	9.6	10.5	8.6	9.6	90	80	73	81.2
7	14.9	16.8	14.4	15.4	13.3	13.1	11.2	10.4	9.1	8.2	9.2	82	64	67	71.0
8	14.2	16.7	13.7	14.9	11.8	13.9	11.5	9.0	10.1	8.9	9.3	75	71	75	73.7
9	13.7	17.2	13.7	14.5	11.9	13.2	11.3	9.3	9.0	8.7	9.0	80	63	74	72.3
10	13.5	18.4	14.4	15.4	12.2	15.2	13.1	9.8	10.9	11.4	10.4	84	69	86	78.7
11	15.4	18.2	15.5	16.4	13.3	14.9	13.2	10.1	10.6	9.9	10.2	77	68	75	73.3
12	15.1	17.9	14.9	16.0	11.8	14.6	12.5	8.5	10.3	9.4	9.4	67	67	75	69.7
13	15.3	18.3	15.3	16.3	12.0	14.3	13.0	8.9	9.8	9.8	9.5	71	62	75	69.3
14	14.9	18.6	14.7	16.1	10.8	14.5	11.6	7.6	9.9	8.5	8.7	61	63	68	64.0
15	15.3	19.2	17.6	17.4	11.9	13.6	13.0	8.5	8.6	8.7	8.6	62	52	59	57.7
16	15.4	18.4	14.9	16.2	12.4	14.0	12.4	9.1	9.4	9.3	9.3	69	59	74	67.3
17	14.3	18.1	14.3	15.6	11.3	14.6	12.3	8.4	10.2	9.5	9.4	69	66	78	71.0
18	14.9	18.2	16.1	16.4	12.4	13.7	13.9	9.3	9.1	10.5	9.6	73	58	78	69.7
19	14.4	17.3	13.9	15.2	11.3	14.1	11.7	8.3	10.1	9.0	9.1	68	69	76	71.0
20	12.9	12.7	11.3	12.3	10.7	11.8	9.8	8.4	9.8	8.2	8.8	76	89	82	82.3
21	12.0	14.1	13.9	14.0	11.4	13.0	12.3	9.7	10.5	8.8	9.6	93	87	64	81.3
22	13.8	10.9	9.4	11.4	11.3	10.6	7.6	8.6	9.3	6.9	8.3	73	96	79	82.7
23	7.6	11.8	11.2	10.2	6.7	9.0	7.1	6.8	7.1	6.6	6.5	88	64	58	71.3
24	10.8	15.1	11.6	12.5	8.9	11.4	9.2	7.5	8.1	7.4	7.7	79	69	74	72.0
25	12.4	14.2	14.4	13.7	10.8	12.0	11.8	8.7	9.2	8.8	8.9	81	77	72	76.7
26	14.8	16.4	13.9	15.0	12.7	13.1	12.1	9.7	9.3	9.3	9.4	77	67	79	74.3
27	13.1	15.9	14.8	14.6	10.9	10.2	12.1	8.5	6.6	9.0	8.0	76	49	72	65.7
28	13.6	16.2	14.9	14.9	10.6	12.7	11.8	7.9	9.0	8.6	8.5	67	67	68	67.3
29	13.0	13.9	14.9	13.7	12.6	12.9	12.8	10.6	10.5	9.7	10.9	95	88	76	84.7
30	12.1	15.2	12.0	13.1	11.4	13.0	10.1	9.7	9.8	8.1	9.2	92	76	77	81.7
31	12.7	14.0	12.7	13.1	11.8	13.1	11.6	9.8	10.7	9.5	10.0	94	90	87	89.0
Sums 1–5	60.3	68.8	57.2	62.2				36.9	36.3	36.0	36.5	344	314	364	341.3
" 6–10	68.6	84.4	70.1	74.0				48.1	49.6	44.8	47.5	411	347	375	377.7
" 10–15	76.0	92.2	78.0	82.2				43.6	49.2	46.3	46.4	336	312	352	334.0
" 16–20	71.9	84.7	70.5	75.2				43.5	48.6	46.5	46.2	335	341	388	363.3
" 21–25	56.6	66.1	62.5	61.8				41.3	44.2	37.3	41.0	414	394	347	384.4
" 26–31	79.3	91.6	83.2	84.6				53.2	55.9	52.2	55.4	447	437	439	441.3
Total Sums	412.7	487.8	421.5	446.5				269.6	283.8	265.1	273.0	2364	2142	2285	2263
Total Means	13.3	15.7	13.6	14.2				8.7	9.2	8.5	8.8	76.3	69.1	73.7	73.0

Barometer Maximum 769.8 on 25 8½ a.m.
" Minimum 753.5 on 2 4 6
Thermometer Maximum 20.8 on 15
" Minimum 7.2 on 24
Highest Temp. in Sun on
Lowest " on Grass on
Rainfall Maximum 34.7 m.m. on 30

No. of days with:

rain ..20..
thunderstorms ..1..
fog .....
gale .....

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W
8½ A.M			13	1	1	2	1
2½ P.M	3	1	1			5	8
8½ P.M		1	16	8	9	3	3
Totals	3	2	30	1	4	10	12