TO Weather Bureau, Dept of Agriculture
Washington, D.C., U.S.A.

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT

Year 1908
Month January

LAT. 33° 54-22- N.
LONG. E. FROM GREENWICH 35° 2

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	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	m
1	16.4	765.8	15.7	766.2	14.9	767.4	766.3	766.4	767.7	766.80	17.7	11.2	—		12.9	16.5	12.6	14.00	11.3	12.6	10.8	9.1	8.7	8.7	8.83	82	63	79	7
2	13.9	766.2	15.2	763.9	15.0	762.8	768.7	764.2	763.2	764.70	17.8	11.1	6.8		12.8	16.6	13.7	14.37	9.9	12.9	11.4	7.6	9.0	9.7	8.43	69	83	74	8
3	14.4	762.5	17.0	760.5	15.2	763.4	762.9	762.6	763.8	763.10	19.9	12.2	8.7		13.8	17.3	13.6	14.90	10.9	14.3	12.3	8.2	10.3	9.9	9.47	69	70	86	7
4	13.9	763.1	15.8	762.0	15.6	762.4	763.5	762.3	762.7	762.83	17.9	11.1	8.1		12.8	16.8	13.4	14.33	9.8	13.2	11.0	7.4	9.2	8.4	8.33	68	65	73	8
5	14.9	763.6	16.7	761.7	16.2	763.3	764.0	762.8	763.5	763.43	19.2	12.2	—		14.6	17.6	16.3	16.17	13.2	14.3	14.6	10.4	10.2	11.3	10.64	84	68	82	7
6	15.6	765.4	16.2	765.4	15.7	766.2	765.7	765.6	766.4	765.90	17.4	14.3	—		14.8	16.3	15.6	15.57	13.7	13.4	12.8	11.0	9.7	9.4	10.03	88	71	72	7
7	14.9	766.4	16.1	765.8	15.7	766.4	766.8	766.0	766.6	766.47	17.7	11.3	—		13.5	16.8	14.4	14.93	11.1	12.7	12.6	8.6	8.7	9.4	9.07	75	61	80	7
8	14.6	766.4	16.0	765.3	15.7	765.2	766.8	765.5	765.5	765.93	17.4	12.1	8.1		13.8	16.7	14.4	15.13	10.4	13.2	12.9	7.7	9.2	9.4	8.93	65	65	79	6
9	15.5	759.5	16.8	758.4	17.2	758.9	759.8	758.5	759.9	759.07	21.9	13.8	10.6		15.7	19.0	21.3	18.67	12.7	17.1	15.4	6.5	13.2	9.7	9.80	49	81	51	6
10	17.1	763.7	18.9	764.5	16.9	766.0	763.8	764.3	766.1	764.73	23.2	13.8	14.2		17.1	17.7	14.1	16.30	14.4	13.8	11.8	10.6	9.5	9.0	9.70	73	62	75	7
11	16.1	767.2	17.7	766.2	16.8	766.8	767.4	766.4	766.9	766.83	18.7	12.9	9.2		14.3	17.7	14.6	15.53	11.7	14.8	12.6	8.8	10.8	9.7	9.77	73	72	78	7
12	15.3	765.4	16.7	763.7	15.9	762.3	765.8	763.8	763.6	764.40	19.1	11.7	8.3		13.4	16.4	12.9	14.40	10.6	13.3	10.9	8.0	9.3	8.6	8.63	69	65	77	7
13	15.5	761.3	16.1	760.1	15.4	760.1	761.6	760.3	760.4	761.77	17.5	12.2	8.9		13.9	15.4	14.3	14.53	12.2	13.2	10.8	9.5	9.9	7.9	9.10	80	76	65	7
14	14.7	759.4	15.4	758.4	14.7	758.2	759.8	758.7	759.7	759.07	16.0	10.6	10.3		13.9	14.3	12.8	13.66	10.6	11.9	10.0	9.7	9.0	8.7	7.47	65	74	89	7
15	13.7	758.0	13.9	754.3	12.6	758.4	756.6	754.9	757.1	756.24	14.0	9.5	—		11.6	13.3	11.6	12.17	9.4	9.9	9.5	7.6	7.4	7.7	7.57	75	64	76	7
16	11.4	758.8	11.7	758.6	10.7	760.6	759.7	759.5	761.6	760.27	12.6	11.4	—		9.9	9.8	6.2	8.63	7.2	6.6	4.8	6.3	5.8	5.7	5.93	69	64	81	7
17	9.7	761.7	10.0	762.2	11.4	762.9	762.8	763.3	763.9	763.33	10.6	4.4	—		5.1	9.5	7.4	7.33	4.6	5.6	4.9	6.0	5.1	5.3	5.47	93	59	69	7
18	8.8	762.8	10.5	761.9	10.2	762.3	764.1	762.9	763.3	763.43	13.2	5.0	1.4		6.9	11.6	11.6	10.03	3.9	7.2	7.4	4.6	5.7	5.8	5.37	60	51	58	5
19	9.8	763.2	11.9	763.2	11.1	764.0	764.3	764.1	764.9	764.43	14.0	5.0	3.3		9.3	12.1	10.2	10.53	6.2	8.9	7.6	5.6	6.8	6.5	6.30	64	65	70	6
20	10.6	765.7	11.7	765.5	11.2	766.1	766.7	766.4	767.1	766.73	13.7	6.7	—		9.3	12.2	10.1	10.53	7.9	9.1	9.3	7.3	7.0	7.2	7.16	82	86	79	7
21	10.9	766.4	12.2	766.4	11.7	766.1	767.4	767.7	766.8	767.30	14.4	7.2	—		9.8	12.6	11.0	11.13	8.0	9.9	9.6	7.0	7.7	8.1	7.60	78	71	82	7
22	11.6	766.2	12.8	763.4	12.2	762.2	767.1	764.0	760.9	764.00	15.4	8.9	—		10.3	14.3	12.8	12.47	9.1	10.1	10.4	7.9	7.2	8.0	7.70	85	59	73	7
23	11.6	762.1	12.7	761.6	11.9	761.9	763.0	762.2	763.7	762.97	13.9	8.3	—		9.8	12.4	11.7	11.30	8.7	9.6	8.2	7.8	7.4	6.3	7.17	87	69	63	7
24	11.1	761.4	13.5	760.0	12.6	760.9	762.3	760.5	761.6	761.47	17.1	9.4	5.8		11.6	16.0	12.3	13.30	8.8	11.6	10.9	7.0	7.8	8.9	7.90	69	58	83	7
25	12.1	759.7	14.9	758.3	13.4	758.7	760.5	758.6	759.3	759.46	17.3	10.4	—		13.4	16.5	13.1	14.33	10.1	12.0	9.9	7.5	8.1	7.5	7.70	66	57	66	6
26	13.2	753.9	13.3	751.9	12.2	750.9	754.5	752.6	751.8	752.97	17.6	7.9	—		13.3	11.0	9.9	11.40	11.0	10.1	7.7	8.5	8.7	6.7	7.97	74	88	74	7
27	11.6	746.0	12.6	751.8	11.8	758.3	746.9	752.5	757.2	752.20	14.6	9.4	—		11.1	11.6	10.6	11.10	7.9	10.9	9.4	6.4	9.4	8.2	8.01	66	92	85	8
28	11.7	758.9	13.4	760.7	13.2	762.7	759.7	761.3	763.3	761.43	16.2	8.8	—		11.7	14.8	14.3	13.60	10.0	11.0	10.9	8.2	7.8	8.0	8.03	80	62	66	6
29	12.9	764.9	14.6	766.3	13.8	767.9	765.6	767.0	768.4	767.00	17.7	11.9	—		14.1	16.3	12.5	14.30	12.2	13.4	12.9	9.5	9.7	10.1	9.77	79	71	94	9
30	13.1	768.9	16.4	767.9	14.9	768.2	769.5	768.1	768.7	768.77	17.4	11.1	—		13.3	16.1	13.9	14.43	10.7	13.8	12.6	8.3	10.3	10.1	9.57	72	76	85	7
31	13.4	767.9	15.4	766.0	14.9	766.4	768.5	766.3	766.7	767.17	17.7	11.6	7.2		13.0	16.8	14.6	14.81	10.2	12.2	12.7	7.8	8.1	9.8	8.56	70	57	80	6
Sums 1–5							3823.4	3819.3	3820.9	3820.86	90.5	68.8	23.6		65.9	84.8	69.6	73.77				42.7	42.4	47.0	45.70	372	324	394	3
„ 6–10							3922.9	3819.4	3823.8	3922.10	92.6	65.3	32.9		74.7	86.5	80.3	80.50				44.4	50.3	47.9	47.53	351	340	357	3
„ 10–15							3918.2	3816.3	3816.7	3817.07	84.3	56.9	36.7		67.1	77.6	64.2	69.63				38.6	46.4	42.6	42.54	362	351	386	3
„ 16–20							3917.6	3816.0	3820.8	3818.19	84.1	32.5	4.7		40.5	55.2	45.5	47.05				29.8	30.4	30.3	30.23	362	309	357	3
„ 21–25							3820.3	3813.0	3812.3	3815.20	78.1	44.2	5.8		54.9	71.8	60.4	62.53				37.2	39.2	39.8	38.73	385	314	367	3
„ 26–31							4584.7	4587.4	4576.1	4582.74	101.2	60.7	7.2		76.5	86.6	75.8	79.63				48.7	54.0	52.9	51.87	441	446	434	4
Total Sums							23066.1	23059.9	23060.3	23062.16	545.3	384.4	109.9		399.6	462.5	396.3	419.11				241.4	266.7	259.7	255.93	2279	2089	2345	23
Means							769.23	769.53	769.24	769.35	16.84	10.60	3.43		12.24	14.92	12.78	13.32				7.79	8.60	8.38	8.26	73.5	67.4	75.7	7

Barometer	**Maximum**	769.5	on 30
„	**Minimum**	746.9	on 27
Thermometer	**Maximum**	23°2	on 10
„	**Minimum**	4°4	on 17
Highest Temp, in Sun			on
Lowest „ on Grass		1°4	on 18
Rainfall	**Maximum**	0.763 in	on 23

8½ A
2½ P
8½ P

No. of days with:

rain	18
thunderstorms	1
fog	
gale	

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W
8½ A.M	—	1	2	16	1	8	—
2½ P.M	1	5	—	4	—	14	—
8½ P.M	—	5	1	10	—	10	—
Totals	1	11	3	30	1	32	—

.OGICAL REGISTER;

N PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54- 22- N.

L. 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. nt = preceding night int = at intervals dps = drops
2½	8½	mean	8½	2½	8½	mean	8½ Kind Amount	Direction	2½ Kind Amount	Direction	8½ Kind Amount	Direction	mean	8½	2½	8½		8½ A.	A.M.	P.M.	Total.	Rain.	Shine.	8½ A.M.	2½ P.M.	8½ P.M.	
8.7	9.7	8.83	82	83	79	74.7	0		0		0		0.0	E. 1	NW. 2	SE. 2		moderate	0.060	—	0.060					● before 11 P. nt-
9.0	9.7	8.43	69	83	74	75.7	7cu-cu	SW	3cu-cu	W	1		3.3	SE. 1	ESE. 1	SE. 1		calm									
9.3	9.9	9.47	69	70	86	75.0	10cu-st		3 cu		1		4.3	SE. 2	SW. 3	SE. 1		Calm									
9.2	8.4	8.33	68	85	73	75.6	8cu	W	3cu-cu		0		3.7	SE. 1	SE. 1	SE. 1		calm									
9.2	11.3	10.64	84	88	82	78.0	8 cu-nim cu-nim		7 cu	SW	9cu-nim	SW	8.0	SW. 1	SW. 4	SW. 2		v. slight	0.035	—	0.035					● few dps before 4 aft. hours, few dps 8½ P.
8.7	9.4	10.03	88	91	72	77.0	7 cu-cu cu-cu	W	2 cu-cu cu		3cu-st		4.0	SE. 1	NW. 2	NNE. 3		slight	0.110	—	0.110					● nt-
8.7	9.9	9.07	75	81	80	72.0	4 cu	NW	0		0		1.3	SE. 1	NW. 2	NW. 1		v. slight									
9.2	9.9	8.93	65	85	79	69.7	0		10cu-st		6cu-st		5.3	0	NE. 3	SE. 1		calm									
8.2	9.7	9.90	49	81	51	60.3	7 cu-cu cu	SW	10 cu	SW	10cu-st		9.0	SE. 1	NE. 1	SW. 1		v. slight									
9.5	9.0	9.70	73	82	75	70.0	7 cu	SW	1 cu		1 cu		3.0	SW. 2	SW. 2	SE. 1		slight									
9.8	9.7	9.77	93	92	79	74.7	0		3cu-cu	SW	0		1.0	SE. 1	SW. 2	0		v. slight									
9.3	8.6	8.63	69	85	77	70.3	0		1 cu	SW	0		0.3	SE. 1	NW. 1	SW. 1		v. slight									
9.9	7.9	9.10	80	76	65	73.7	10cu-nim	N	10 nim		7cu	SW	9.0	SE. 1	SW. 1	SW. 2		calm	—	0.178	0.178				●	● Ont x showers at noon, x nt 8½ P.
9.0	8.7	7.47	65	74	89	76.0	8 cu		10cu-ni		9 cu	SW	9.0	SW. 1	0	0		v. slight	0.015	0.109	0.124				ψ	● Ont x afternoon at mid-
7.4	7.7	8.57	75	84	76	71.7	8 cu-cu-nim	SW	9cu-st		10nim-st		9.0	SW. 1	SE. 1	NE. 4		slight	0.236	0.244	0.680				ψ	● Ont forenoon W 8½ x 8½ P.
5.9	5.7	5.93	69	84	81	71.3	8 cu	SW	9 cu-cu cu	SW NE	9 cu		8.7	NE. 3	NE. 3	NE. 3		rough	0.035	0.018	0.053					● Ont forenoon
5.1	5.3	5.47	93	58	69	72.3	10nim	NE	8 cu	SW	9 cu	NE	9.0	SE. 1	N. 2	NE. 2		rough	0.440	0.092	0.532				ψ	● Ont, 8½ A, nom int, Unt PP
5.7	5.8	5.37	60	81	58	58.0	7 cu-st		6st-cu		9 cu		7.3	2. 1	NE. 2	E 2		v. slight									
6.8	6.5	6.30	64	85	70	66.3	5cu	SW	7cu	SW	9 cu-st	SW	7.0	SE. 1	SW. 2	SW. 1		v. slight							ψ	● few dps nt 3½ P.
7.0	7.2	7.16	82	76	79	76.0	7 cu		9 cu	NW	10cu-st		8.7	SW. 1	NW. 1	NE. 1		v. slight	0.250	—	0.250					● Ont, few dps nt 11 A
7.7	8.1	7.60	78	91	82	77.0	5 cu	SW	8 cu-cu cu-st		10cu-st		7.7	0	NW. 1	SE 2		calm	0.140	—	0.140					● Ont few pm few dps int afternoon
7.2	8.0	7.70	85	89	73	72.3	7 cu-cu cu	SW	9 cu	SW	10cu-nim		8.7	SE. 1	SW. 2	SW. 5		calm	0.205	—	0.085				4	● Ont, afternoon int W UP.
7.4	6.3	7.17	87	69	63	73.0	9cu-nim	NW	9 cu-cu nim	SW	4 cu		7.3	NW. 1	SW. 2	SW. 2		rough	0.684	0.079	0.763					● Ont; forenoon; afternoon, 2-45 P.
7.8	8.9	7.90	69	88	83	78.0	6 cu-cu cu		10 cu		10 cu-nim x nim		8.7	E. 1	SW. 2	SW. 4		v. slight	—	0.038	0.038					● between ½ & 8½ P.
9.1	7.5	7.70	66	87	66	63.0	9 cu	SW	4 cu	SW	3 cu		5.3	SW. 1	SW. 3	0		slight	0.015	—	0.015					● Ont.
8.7	6.7	7.97	94	88	74	78.7	10cu-nim	S	10 nim		10cu-nim		10.0	SSE 1	SW. 3	SE. 2		v. slight	0.060	0.565	0.625					● morning, forenoon, x afternoon, 4
9.4	8.2	8.83	66	92	85	81.0	10cu-nim	SW	10 nim		10 nim		10.0	WSW 2	SW. 2	SW. 3		rough	0.001	0.712	0.713					● Ont x 2d day ent.
7.8	8.0	8.03	80	62	66	69.3	9 cu-nim	SW	9 cu	SW	10cu-st		9.3	SW. 3	SW. 5	SW. 3		rough	0.320	0.100	0.420					● Ont nt int-; forenoon; few dps 4½ P.
9.7	10.1	9.77	79	91	94	91.3	8 cu	SW	3 cu	SW	9cu-nim		6	SE. 1	SE. 1	SE. 1		moderate	0.190	0.160	0.350					● Ont x afternoon.
10.3	10.1	9.57	72	76	85	77.7	0		0		0		0.3	SE 2	SW. 2	SE. 2		v. slight									
8.1	9.8	8.56	70	87	80	69.0	0		0		0		0.0	SE. 2	NE. 2	0		calm									
47.4	47.0	45.70	372	329	394	365.0	33		16		9		19.3								0.095					
50.3	47.9	47.53	350	340	357	349.0	25		23		20		22.6								0.110					
46.4	42.6	42.54	362	351	386	366.4	26		33		26		28.3								0.982					
30.4	30.5	30.23	369	309	357	344.9	37		39		46		40.7								0.835					
38.2	38.8	38.87	385	314	267	355.3	36		40		37		37.7								1.224					
54.0	52.9	51.97	441	446	484	457.0	37		32		39		36.0								2.108					
2067	2059.7	2055.94	2279	2089	2345	2237.6	194		183		177		184.6								5.354					
8.60	8.38	8.26	73.5	81.4	75.7	76.9	6.26		5.90		5.71		5.95													

Number of Daily Wind Observations.

E	SE	S	SW	W	NW	Calm	Totals	No. and make of:
2	16	1	8	—	4	2	31	Barometer
								Thermometers
—	4	—	14	—	6	7	31	Dry and Wet
								Maximum
1	10	—	10	—	1	4	31	Minimum
								Rain gauge
3	30	1	32	—	8	7	93	

M. A. S. Klein

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TO Weather Bureau, Dept of Agriculture.
Washington, D.C., U.S.A.

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT C

LAT. 33° 54- 22- N.

LONG. E. FROM GREENWICH 35° 28- 1

Year 1908

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	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	1.3	766-	15.6	764.5	15.1	764.8	765.0	765.1	765.1		17.7	11.1	6.7		13.4	16.7	15.7	15.29	10.6	13.7	13.6	8.0	9.9	10.3	9.14	70	70	78	72.7
2	14.6	64.2	16.2	64.5	16.0	64.7	65.1	64.8	64.9	64.93	18.4	11.7	7.2		13.7	17.7	15.1	15.50	10.8	14.0	13.7	8.1	9.1	10.7	9.50	69	65	81	73.0
3	14.9	64.0	17.2	64.7	17.6	62.1	64.5	61.7	62.1	62.77	21.5	13.2	6.7		14.3	19.8	18.7	17.60	11.6	16.0	12.2	11.6	11.2	7.3	10.03	71	65	41	60.3
4	15.8	60.4	17.7	58.0	17.2	62.8	60.3	59.9	58.8	59.67	21.8	14.7	9.2		16.5	19.3	16.1	17.30	13.3	14.1	13.9	9.5	9.1	10.4	9.67	68	55	76	66.3
5	17.1	58.4	17.7	60.2	16.6	61.9	58.5	60.2	62.0	60.23	18.9	13.3	9.3		16.1	15.9	14.9	15.63	13.9	14.9	11.9	10.6	9.1	8.2	9.30	78	68	65	70.3
6	15.0	62.3	15.6	60.4	14.4	59.6	62.6	60.7	60.0	61.10	16.7	10.1			12.3	13.9	12.7	12.97	11.4	12.1	9.8	9.5	9.4	7.1	8.67	89	79	68	78.7
7	13.1	67.1	13.9	56.6	12.6	57.8	57.9	57.2	58.5	57.83	16.0	8.7			10.5	10.6	10.4	10.50	8.9	9.4	8.6	7.6	8.5	7.3	7.80	81	93	77	83.7
8	12.1	57.6	12.1	55.4	11.7	53.3	58.4	56.2	57.4	57.33	14.3	8.1			9.9	9.8	10.7	10.36	8.7	9.3	8.7	7.7	8.4	7.3	7.80	85	93	76	84.7
9	10.0	54.3	11.5	53.1	10.7	62.3	52.4	60.0	63.3	58.57	12.2	5.0			7.2	11.4	10.0	9.53	7.2	7.3	7.3	7.6	5.7	6.3	6.53	100	58	69	75.6
10	10.6	64.4	12.6	63.4	11.7	63.0	65.4	64.1	64.5	64.67	16.0	8.4			9.6	14.3	10.7	11.53	8.6	10.8	8.7	7.5	7.9	7.4	7.70	88	65	78	77.0
11	10.4	66.1	14.3	60.6	12.9	61.3	62.6	61.0	61.9	61.83	16.1	9.4	5.3		10.4	14.4	12.8	13.53	9.5	11.1	9.7	7.3	8.7	7.3	7.77	69	67	66	67.3
12	12.2	59.0	12.7	58.4	11.9	59.1	60.4	59.4	60.0	59.93	14.2	8.9			10.6	9.4	9.6	9.87	7.5	8.7	8.6	7.5	8.1	8.4	8.00	79	92	96	89.0
13	11.1	59.2	12.4	59.2	11.6	60.3	60.2	60.0	62.2	60.80	13.8	7.4			9.8	13.8	9.9	10.83	7.8	9.0	8.0	6.8	6.7	7.0	6.83	78	61	77	72.0
14	11.8	64.3	12.7	65.9	12.2	67.1	65.2	66.6	67.9	66.57	15.1	8.2			9.1	14.3	11.7	11.17	9.1	11.1	9.3	8.5	8.1	7.4	8.00	98	67	72	79.0
15	11.7	70.5	13.9	71.2	13.3	72.6	71.3	71.8	73.3	72.13	15.6	10.4	7.2		12.2	13.8	10.6	12.20	7.9	8.8	7.6	6.0	6.2	6.0	6.13	57	53	66	58.7
16	11.2	74.1	12.7	73.6	12.4	72.1	75.2	73.7	73.1	74.03	15.2	6.8	2.8		10.1	14.1	9.8	11.33	7.1	9.4	7.7	6.1	6.6	6.7	6.47	66	56	74	65.3
17	11.7	69.1	12.8	66.9	12.8	66.5	69.9	67.2	66.2	67.80	15.9	9.1	4.4		11.6	13.8	13.1	12.83	8.6	10.8	10.4	6.9	8.1	8.0	7.67	68	69	71	69.3
18	13.1	62.1	14.1	62.9	13.3	62.3	62.7	62.1	63.9	63.00	17.5	11.2			13.4	15.6	14.0	13.67	11.4	13.9	12.8	9.0	10.8	8.9	9.57	78	82	85	81.7
19	12.8	63.9	14.4	63.1	13.8	63.4	64.0	63.5	64.0	63.97	17.1	10.7	7.2		13.7	16.2	11.7	13.83	10.3	13.2	9.8	8.1	8.1	7.9	8.10	74	62	77	71.0
20	12.4	60.0	14.8	60.6	14.4	59.4	60.5	60.3	58.9	59.90	17.4	10.4	6.4		16.2	16.6	14.5	15.77	10.1	13.2	12.7	6.8	8.9	7.8	7.83	48	67	80	65.0
21	15.3	56.1	17.6	56.1	16.2	57.1	56.4	56.1	57.7	56.73	22.4	13.8	10.8		19.8	18.7	15.5	18.00	13.6	15.9	14.5	8.4	10.9	11.2	10.30	48	69	90	69.0
22	14.0	57.3	15.1	60.4	14.3	62.2	57.8	60.3	62.6	60.23	16.5	8.9			12.7	13.7	13.7	13.37	9.5	9.9	11.0	7.2	7.3	8.3	7.60	66	63	70	66.3
23	13.9	63.6	15.7	63.3	14.9	62.8	64.2	63.6	64.2	64.00	17.7	10.3			11.3	16.8	13.8	13.63	10.6	13.1	11.7	9.1	9.1	9.6	9.27	91	64	87	80.7
24	13.7	63.2	14.7	64.1	14.3	64.8	63.8	64.1	62.2	63.37	17.1	10.3			13.6	16.2	14.1	14.63	10.9	13.2	12.0	8.5	9.6	9.2	9.10	77	70	77	74.7
25	14.4	63.1	15.6	62.1	15.1	63.2	63.5	63.0	63.6	63.37	17.7	11.6	8.2		13.3	16.8	14.9	15.00	11.8	14.1	12.2	9.5	10.3	9.0	9.60	84	73	71	76.0
26	14.6	62.7	16.1	60.3	15.7	59.7	63.2	61.0	60.0	61.40	17.7	11.6	6.7		13.7	17.2	16.8	15.90	11.9	15.1	13.3	9.4	11.4	9.3	10.03	80	78	66	74.7
27	15.3	60.3	17.3	60.0	16.6	62.3	61.0	61.0	62.4	61.47	20.7	15.6	8.3		17.9	19.4	15.6	17.63	14.1	15.4	13.2	9.7	10.6	9.9	10.07	63	63	75	67.0
28	16.1	60.6	18.8	58.6	18.1	67.0	60.8	58.4	60.6	59.93	24.6	14.6	7.2		16.7	17.3	16.4	15.57	14.3	17.3	15.1	10.1	12.0	11.8	11.30	76	63	84	74.3
29	16.6	62.5	17.3	62.2	16.4	65.0	62.6	62.2	60.6	61.80	18.2	12.8	10.3		14.4	16.2	14.3	14.97	11.1	13.2	11.7	9.1	9.5	8.8	8.80	62	70	73	68.6
30																													
31																													
Sums 1–5							3813.9	3811.3	3810.8	3811.93	983	640	51.1		74.0	89.4	80.5	81.30				417.5	419.0	416.9	417.80	346	323	349	342.6
„ 6–10							3796.6	3788.2	3800.5	3795.43	742	403			49.5	58.4	50.5	54.46				402	399	354	385.0	338	388	368	398.7
„ 10–15							3819.7	3813.5	3825.3	3819.50	748	443	12.5		54.1	65.7	54.6	58.13				381	378	364	374.3	381	340	377	366.0
„ 16–20							3832.1	3827.1	3836.2	3831.80	836	498.2	20.8		64.0	76.3	61.1	67.13				385	419.4	413.2	406.0	384	336	387	352.3
„ 21–25							3805.1	3804.8	3810.3	3806.73	914	549	18.0		70.1	82.2	71.0	74.43				402.7	417.2	417.7	412.53	346	339	395	346.7
„ 26–31							3804.6	3802.6	3834.6	3814.60	812	596	32.5		62.7	70.1	63.3	65.37				382.1	413.5	399.8	398.47	298	294	298	296.3
Total Sums							38116.2	38100.3	38110.8	38109.10	8502.5	5306.3	1219		574.4	694.2	585.0	617.87				3941.2	4028.8	3947.4	3972.47	3411.6	3200.0	3264	3291.9
Means							3762.63	3760.37	3762.64	3761.88	850.25	530.63	121.9		57.44	69.42	58.50	61.787				394.12	402.88	394.74	397.247	341.16	320.00	326.4	329.19

Barometer	**Maximum**	775-2	on 16, 8½ A
„	**Minimum**	752.4	on 9, 8½ A
Thermometer	**Maximum**	24°6	on 28
„	**Minimum**	5°0	on 9
Highest Temp. in Sun			on
Lowest „ on Grass		4°4	on 17
Rainfall	**Maximum**	1.408 in	on 7

No. of days with:

rain	24
thunderstorms	2
fog	
gale	

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W
8½ A.M	—	—	1	7	1	10	1
2½ P.M	1	5	1	2	—	15	1
8½ P.M	—	5	—	4	—	12	—
Totals	1	10	2	13	1	37	2

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.** 1.76; **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

ity 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. & 3½ P.M. inches. mm.			Duration, 8½ P.M.		Condition of Weather Symbols			Further Daily Notes. cont = at intervals nt = preceding night dfs = drops
	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.	
9.8	10.2	9.54	90	90	78	92.7	0		9 cir-cu thin		0		2.3	SE 1	NE 2	NE 3		Calm									
7.1	10.7	9.56	69	65	81	73.0	4 cir cu		4 cir-cu		3 cu st		3.7	0	N 1	SW 2		Calm									
6.2	7.3	10.02	71	65	81	60.3	4 cir cu.		7 cu-st		3 cu st		4.7	SE 2	N 2	SW 2		Calm									
7.1	10.4	7.67	68	55	76	66.3	6		3 cir-cu		SW 0		1.0	0	SE 2	SW 2		Calm									
8.1	8.2	8.30	78	68	65	70.3	9 nim		9 nim		4 cu		9.3	SE 3	SW 2	SW 3		Slight									
7.0	7.1	8.67	89	79	68	98.7	7 cu	W	7 cu		10 cu nim		8.0	SE 1	SW 2	SW 3		Slight	0.194		0.194						Ofew dfs 8 A.M. & noon
7.5	7.3	7.80	81	83	77	83.7	10 cu nim	W	10 nim	W	7 cu	W	9.0	SE 3	NW 3	SW 2		rough	1.251		0.197	1.448					O nt; all day int
7.4	7.3	7.80	85	83	76	84.7	9 cu nim + cir		10 nim		9 cu nim	SW	9.0	SE 2	SW 3	SE 2		rough	0.100		0.588	0.620		0			O Ts nt + all day int, ⊙ noon
7.7	6.3	6.53	100	58	69	75.6	10 nim	W	4 cu	SW	10 cu		8.0	NW 3	W SW 4	SW 3		rough	0.700		0.059	0.759					O all nt int, forenoon, 4P.
7.9	7.4	7.70	88	85	78	77.0	9 nim	W	9 cu	SW	8 cu	SW	8.7	SE 1	SE 2	SE 1		moderate	0.060		0.062	0.122		0			O few fine int, few mom, 3P.
6.7	7.3	7.77	69	67	60	67.3	3 cir-cu	SW	8 cu		3 cir-cu		4.7	W 2	SW 3	SW 2		v. slight								VO	
8.1	8.4	8.00	79	92	96	89.0	10 nim		10 nim		10 nim		10.0	SW 4	SW 3	SE 2		slight	0.052		0.415	0.467		0		S	O few dfs mom; noon + even int
7.3	7.0	6.83	78	61	77	72.0	10 cu		10 cu		10 cu st		10.0	SE 1	SW 3	NE 1		slight	0.485			0.485				O	O nt - int
8.1	7.9	8.00	92	67	72	79.0	10 cu nim	SW	1 cu		8 cu	W	6.3	SW 1	NW 3	0		v. slight	0.533			0.533				U	O few dfs nt, heavy dew 7-45 8 P.M.
6.2	6.2	6.13	57	53	66	58.7	2 cu	W	1 cu		3 cu		4.3	NW 3	NW 2	0		moderate									
6.6	6.7	6.47	66	56	74	66.3	0		0	W	0		0.0	0	WNW 2	0		v. light									
8.1	8.0	7.47	68	79	71	69.3	10 cu st		10 cu-st	SW	10 cu st		10.0	S 2	SW 2	WSW		calm									
10.5	8.9	9.57	78	82	85	81.7	10 cu nim + cir	SW	4 cu		3 cu		5.7	SW 3	SW 3	0		slight	0.042		0.143	0.185		0		U	O cu al morn, few int to 8½ N, more after noon
8.5	7.9	8.16	74	82	77	71.0	2 cu		1 cu	W	2 cu		1.7	SW 2	WSW 2	SW 2		v. slight									of 9
8.8	7.8	8.63	48	67	80	65.0	10 cu	W	7 cu-nim	SW	4 cir st		7.0	SE 1	NE 3	0		calm									
9.9	11.6	10.30	48	89	90	69.0	10 cu st	SW	10 cu		6 cu st		8.7	SW 2	SW 3	SW 3		slight									
8.3	8.3	7.60	66	63	70	66.3	10 cu nim	SW	9 cu-nim	SW	5 cu		8.0	SW 4	SW 5	SW 3		rough	.130			0.320					O morning
7.1	9.6	9.27	91	64	87	80.7	3 cu		4 cu-nim		7 nim		24.7	E	SW 2	0		moderate	.080			0.080					O nt + began 8½ P.
6	9+	9.10	77	70	77	74.7	0		1 cu		3 cir st		1.3	0	E 1	SE 1		v. slight	0.068			0.068					O nt 8½ P on
8.3	9.0	9.60	84	73	71	76.0	7 cu		0		0		2.3	0	NE 2	NE 2		calm									
6.4	9.3	10.03	80	78	66	74.7	7 cu	SW	0		0		2.3	0	NE 2	NE 1		calm									
9.6	9.9	10.07	63	63	75	67.0	0		0		0		0.0	SW 1	SW 1	SE 1		calm									
8.8	11.9	11.50	76	63	84	74.3	0		0		3 cu		1.0	0	NE 1	SW 3		calm									
9.5	8.8	8.80	66	70	73	69.6	7 cu	NW	6 cu		6 cu		6.3	SW 2	SW 3	SW 2		slight			0.110	0.110					
8.0	116.9	117.90	356	323	349	342.6	17		30		10		19.0									0.609					
7.9	35.4	38.50	443	388	368	399.7	45		40		44		43.0									2.416					
7.8	36.3	36.73	381	340	377	366.0	42		30		34		35.3									1.507					
7.4	41.3	40.60	334	336	387	352.3	32		22		19		24.4									0.195					
7.2	42.7	45.97	366	334	395	366.7	30		24		21		25.0									0.448					
7.5	39.8	40.40	285	274	298	285.6	14		6		9		9.6									0.110					
		2.47.4		2.49.00		2.12.5			1.00		2.6.4		2.18.2														
8.0		8.25		8.30		7.5°			11.0		44.6		9.2°														
							180		152		137		156.5									5.705					
							6.20		5.04		4.72		5.39														

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
1	7	1	10	1	2	7	29
1	2	—	15	1	4	—	29
—	4	—	12	—	—	8	24
2	13	1	37	2	6	15	82

No. and make of:

Barometer

Thermometers

Dry and Wet

Maximum

Minimum

Rain gauge

.....

OBSERVER.

TO Chief of Weather Bureau, Dept. of Agriculture
Washington D. C.
U.S.A.

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

Year 1908
Month March

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	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	46	46.2	48.8	46.5	47.1	46.1	764.9	764.4	766.4	765.2	48.5	40.7	—	13.2	43.2	47.0	43.3	44.50	41.7	43.4	42.8	9.4	9.3	9.2	9.30	84	86	91	87.0
2	47.4	46.4	46.8	46.2	45.7	45.9	46.7	46.3	46.2	46.4	47.5	40.7	5.9	13.9	43.9	46.6	44.9	45.13	44.4	43.2	42.8	8.6	9.4	9.7	9.23	93	67	77	79.3
3	45.6	46.6	46.6	46.1	46.6	46.9	46.9	46.3	46.1	46.4	47.3	42.7	9.6	14.7	44.7	46.6	45.5	45.60	42.6	44.0	43.9	9.6	10.3	10.8	10.23	77	73	83	77.7
4	45.4	45.9	45.0	45.4	45.2	45.8	46.1	45.7	46.0	45.93	48.8	42.1	7.2	15.1	45.1	48.8	46.6	46.90	44.2	45.3	44.6	9.8	10.9	7.0	9.23	82	67	60	63.0
5	45.8	46.2	46.7	46.5	46.0	46.6	46.5	46.2	46.8	46.50	48.9	42.2	5.1	15.7	45.7	47.8	46.2	46.57	44.9	45.9	45.4	9.9	10.1	9.9	9.97	94	54	74	74.0
6	44.6	44.8	45.4	44.8	46.1	44.7	46.5	46.4	46.9	46.60	49.0	40.7	5.0	14.1	44.9	47.2	46.9	46.33	44.9	45.2	45.0	9.0	10.2	8.9	9.37	94	54	69	72.3
7	44.6	45.1	46.2	45.0	45.6	45.4	46.2	46.2	46.7	46.37	48.3	40.7	3.3	15.1	45.1	47.0	46.9	46.33	44.9	45.2	45.0	9.0	10.2	8.9	9.37	94	56	60	70.0
8	44.8	46.1	46.6	46.1	45.7	46.4	46.4	46.2	46.7	46.43	48.5	41.8	4.4	14.9	44.9	47.3	46.4	46.20	44.3	45.3	44.9	9.5	10.4	9.5	9.80	94	61	82	79.0
9	44.9	45.8	46.7	46.1	46.0	46.6	46.5	46.2	46.8	46.47	48.7	41.8	6.7	15.4	45.4	47.5	46.4	46.43	44.8	45.3	44.9	9.5	10.4	9.5	9.80	94	53	67	71.3
10	46.2	46.1	47.7	47.5	47.1	47.8	47.9	47.9	47.9	47.93	49.3	42.3	7.8	16.6	46.6	48.9	47.9	47.80	45.3	46.9	46.4	9.7	10.8	10.1	10.20	94	69	61	66.3
11	47.7	47.2	48.7	48.2	47.0	47.5	47.2	47.1	47.6	47.63	49.6	42.1	3.3	19.8	46.8	49.5	48.1	48.13	45.9	47.4	46.9	10.1	11.2	10.8	10.70	94	70	82	82.0
12	47.7	48.2	49.2	48.7	48.7	48.5	48.6	48.3	48.2	48.37	50.4	43.2	4.2	15.7	47.7	49.7	48.3	48.57	46.4	47.6	47.2	10.2	11.2	10.8	10.73	94	70	81	81.7
13	47.6	48.3	49.8	48.0	48.6	48.3	48.6	48.9	48.4	48.63	50.4	43.2	4.7	15.7	47.7	49.4	48.8	48.63	46.4	47.6	47.2	10.2	11.2	10.8	10.73	94	70	81	81.7
14	48.1	48.2	49.3	48.5	48.4	48.2	48.4	48.9	48.2	48.50	50.4	43.2	4.8	15.7	47.7	49.4	48.8	48.63	46.4	47.6	47.2	10.2	11.2	10.8	10.73	94	70	81	81.7
15	48.2	48.9	48.4	48.2	48.7	47.8	48.1	47.9	47.8	47.93	49.6	42.1	4.2	15.7	46.8	49.5	48.1	48.13	45.9	47.4	46.9	10.1	11.2	10.8	10.70	94	70	82	82.0
16	46.4	46.0	47.8	46.5	46.9	46.7	46.8	46.5	46.7	46.67	48.6	41.8	4.4	15.7	45.7	47.8	46.2	46.57	44.9	45.9	45.4	9.9	10.9	10.4	10.40	94	69	82	81.7
17	46.1	46.7	47.6	46.6	46.9	46.8	46.9	46.7	46.8	46.80	48.7	41.8	4.4	15.7	45.8	47.9	46.4	46.70	45.0	46.0	45.5	9.9	10.9	10.4	10.40	94	69	82	81.7
18	46.6	46.7	47.3	46.3	46.0	46.3	46.4	46.2	46.3	46.30	48.2	41.8	4.4	15.7	45.3	47.4	45.9	46.20	44.5	45.5	45.0	9.8	10.8	10.3	10.30	94	69	82	81.7
19	46.7	46.7	47.2	45.9	46.1	46.1	46.1	45.9	46.0	46.00	48.0	41.8	4.4	15.7	45.1	47.2	45.7	46.00	44.3	45.3	44.8	9.7	10.7	10.2	10.20	94	69	82	81.7
20	45.3	46.7	48.7	46.7	47.7	46.8	46.7	46.5	46.7	46.63	48.6	41.8	4.4	15.7	45.7	47.8	46.2	46.57	44.9	45.9	45.4	9.9	10.9	10.4	10.40	94	69	82	81.7
21	46.8	47.0	47.7	46.8	46.9	46.2	46.3	46.7	46.3	46.43	48.5	41.8	9.8	15.7	45.6	47.6	46.0	46.40	44.8	45.8	45.3	9.8	10.8	10.3	10.30	94	69	82	81.7
22	46.4	47.0	48.0	47.7	46.3	46.7	46.4	46.6	46.8	46.60	48.5	41.8	7.2	15.7	45.7	47.8	46.2	46.57	44.9	45.9	45.4	9.9	10.9	10.4	10.40	94	69	82	81.7
23	48.2	49.4	49.7	49.3	46.8	50.3	49.4	49.8	49.5	49.57	51.3	43.2	12.7	16.5	47.7	49.5	48.1	48.43	46.4	47.6	47.2	10.2	11.2	10.8	10.73	94	70	82	82.0
24	48.4	49.7	49.2	49.7	46.2	47.5	48.0	48.7	48.7	48.47	50.6	43.2	12.7	16.5	47.7	49.5	48.1	48.43	46.4	47.6	47.2	10.2	11.2	10.8	10.73	94	70	82	82.0
25	46.2	48.0	48.7	47.9	48.2	48.0	48.2	47.9	47.8	47.97	49.6	42.1	4.2	15.7	46.8	49.5	48.1	48.13	45.9	47.4	46.9	10.1	11.2	10.8	10.70	94	70	82	82.0
26	45.2	47.4	46.9	45.8	45.4	46.9	45.9	46.0	46.0	46.00	48.2	41.8	4.4	15.7	45.3	47.4	45.9	46.20	44.5	45.5	45.0	9.8	10.8	10.3	10.30	94	69	82	81.7
27	46.4	46.2	46.9	45.8	46.9	47.8	46.7	46.3	46.1	46.37	48.3	41.8	4.4	15.7	45.3	47.4	45.9	46.20	44.5	45.5	45.0	9.8	10.8	10.3	10.30	94	69	82	81.7
28	46.9	46.9	46.7	46.7	45.2	45.8	46.2	46.7	46.7	46.53	48.5	41.8	4.4	15.7	45.7	47.8	46.2	46.57	44.9	45.9	45.4	9.9	10.9	10.4	10.40	94	69	82	81.7
29	46.7	46.8	46.6	46.1	46.8	46.8	46.8	46.2	46.1	46.37	48.3	41.8	4.4	15.7	45.3	47.4	45.9	46.20	44.5	45.5	45.0	9.8	10.8	10.3	10.30	94	69	82	81.7
30	46.0	46.6	45.8	46.9	45.3	46.4	46.6	46.2	46.1	46.30	48.2	41.8	4.4	15.7	45.3	47.4	45.9	46.20	44.5	45.5	45.0	9.8	10.8	10.3	10.30	94	69	82	81.7
31	46.7	46.8	46.4	46.7	47.6	46.7	47.1	46.8	46.8	46.90	48.8	41.8	4.4	15.7	45.8	47.9	46.4	46.70	45.0	46.0	45.5	9.9	10.9	10.4	10.40	94	69	82	81.7
Sums 1–5							331.1	332.3	330.5	331.30	919	824	279		226	236	225	229.96				47.9	48.7	48.2	48.26	465	332	375	357
„ 6–10							330.2	327.9	326.0	328.03	918	824	272		216.9	219.9	217.4	218.07				37.5	43.7	46.0	42.40	465	332	361	386.0
„ 10–15							299.9	299.5	298.6	299.33	867	824	243		205.0	207.1	205.2	205.77				50.5	52.4	49.1	50.67	332	315	377	341.3
„ 16–20							308.6	309.8	307.1	308.50	918	824	243		216.9	219.9	217.4	218.07				50.9	53.3	52.8	52.33	332	331	393	352.0
„ 21–25							288.2	288.7	285.5	287.47	913	814	247		216.9	219.9	217.4	218.07				47.2	51.1	47.3	48.53	332	355	394	360.3
„ 26–31							274.7	269.0	270.9	271.53	911	814	69.0	12.3	216.9	219.9	217.4	218.07				52.0	54.1	52.4	52.83	332	394	416	380.7
Total Sums							1716.5	1697.3	1906.6	1906.13	602.1	376.3	1442.6		1305.4	1319.4	1304.5	1309.77				291.4	302.3	292.6	295.43	2045	2044	2296	2128.0
Means							761.8	760.1	761.8	761.53	19.42	12.14	7.8		15.4	17.7	15.0	16.07				9.03	9.93	9.87	9.41	64.9	65.9	73.9	68.2

Barometer	**Maximum**	766.9	on 3
„	**Minimum**	749.2	on 11
Thermometer	**Maximum**	25°.9	on 31
„	**Minimum**	10°.0	on 29
Highest Temp.	**in Sun**		on
Lowest „	**on Grass**	3°.3	on 7
Rainfall	**Maximum**	1.740	on 24

8½ P
8½ A **No. of days with:**

rain	12
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W	N
8½ A.M	—	3	1	6	—	7	1	3
2½ P.M	3	7	—	—	—	16	3	
8½ P.M	—	11	1	2	—	12	—	—
Totals	3	21	2	8	—	35	4	4

OGICAL REGISTER;

PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54- 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.

ity of vapour illimeters		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.	
9.2	9.30	84	44	91	77.0																				
9.7	9.23	73	67	77	72.3	9 cu-nim	SW	3 cu	SW	0		4.0	SE 1	SW 1	SW 1	V. slight	0.012	—	0.012		N				ⓓ 8-15 A
10.8	10.93	77	73	83	77.7	0		0		1.			0	N 2	NE 2	Calm									
7.0	8.53	62	67	60	63.0	0		0		0			NE 1	NE 3	NE 2	Slight									
9.9	8.09	49	54	74	60.7	0		0		0			0	SW 2	SW 1	Calm									
7.5	7.33	54	54	65	57.7	0		0		0			0	W. 3	SE 1	Calm									
6.6	6.73	42	56	60	54.3	0		0		0			0	0	0	V. slight									
7.5	7.78	52	61	82	58.0	0		0		0			SE 2	N 2	0	Calm									
8.0	8.40	64	53	67	61.3	0		0		0			ENE 1	ENE 1	NE 1	Calm									
9.4	10.10	74	49	61	66.3	0		7 cu-nim		7 cu-nim		4.7	NW 1		NE 2	V. slight									
10.3	10.27	73	50	82	71.7	9 cu-nim		10 cu-nim		10 cu-nim		9.7	0	SW 2	E 1	Calm									
9.9	10.20	88	70	81	79.7	3 cu		5 cu-nim		10 cu	SW	6.0	E 2	SW 1	SW 2	Slight	0.198	0.281	0.479				U		ⓤ big at 7P.
9.6	9.83	68	48	76	69.8	6 cu-nim	SW	3 cu-nim	SW	9 cu	SW	6.0	SW 2	SW 3	0	V. slight	0.179	—	0.179						ⓤ 8 nt., Ofrain, W 8½ P, 7 W 9P
8.7	9.00	74	47	58	66.3	0		7 cu-nim	SW	3 St		3.3	0	SW 2	ENE 2	Calm									ⓓ nt
10.0	9.74	57	50	80	62.3	10 cu-St		7 cu-St		10 cu	SW	10.0	NW 2	NE 1	SW 2	Calm							U		
9.3	8.87	64	52	72	67.7	6 cu	WSW	0		8 cu-nim	SW	4.7	SE 2	SW 2	SW 3	Calm		0.030	0.030				U		ⓤ 7P
10.4	9.33	68	24	87	74.7	3 cu	SW	5 cu	SW	10 cu	SW	6.0	SW 2	SW 3	SW 3	Dew deposit							U		ⓤ fewdrops 4½ 7P-2a P; ⓓ 7P
11.4	10.11	78	44	87	75.3	9 cu	SW	9 cu	SW	0		6.0	SSE 2	N. 1	0	Slight							ⓓ		
11.3	10.43	94	64	78	80.7	0							0	ENE 3	NE 1	V. slight									
9.2	10.10	78	70	69	72.7	10 cu	SW	3 up-St		10 cu		4.3	0	NE 3	NE 2	Slight	0.105	—	0.105						ⓓ nt —
9.9	8.60	68	57	70	69.7	5 cu	SW	0		0		3.3	0	SW 2	SW 2	V. slight	0.010	—	0.010						ⓓ few drops at dawn
10.6	9.60	79	51	81	68.7	4 cu-nim	SW	9 cu-nim	SW	0		3.3	0	NNW 2	NE 3	Calm									
10.3	9.83	73	45	95	87.7	6 cu		9 cu-nim	SW	10 cu		8.0	W. 1	SW 2	0	V. slight									
9.7	9.74	81	51	65	74.7	7 cu		10 nim		10 nim		10.0	SW 2	SW 1	SW 2	Calm		0.680	0.680						ⓓ a drop or two at 7-15 P
8.7	9.74	68	51	73	73.0	5 cu	SW	6 cu	SW	0		3.7	SW 2	SW 4	SW 3	V. slight	0.590	0.150	0.740						ⓓ all nt and foremn ⓤ
8.4	9.64	90	52	71	81.0	9 nim	SW	10 nim		0		6.7	SW 2	SW 2	SE 1	V. slight	0.016	—	0.016						ⓓ all nt and foremn ⓤ
8.5	8.49	60	59	72	63.7	10 nim		10 cu	SW	2 cu		7.3	SW 1	SW 2	SW 3	Calm	0.020	0.015	0.035						ⓓ few drops early morn ⓤ A
8.9	8.57	68	60	76	67.0	9 cu	SW	4 cu	SW	10 cu-nim		7.7	SW 3	SW 4	SW 3	Moderate	0.125	—	0.125						ⓓ nt — afternoon
6.5	7.83	70	51	55	62.0	3 cu	SW	9 cu-nim		3 cu		5.0	SW 2	SW 3	SW	Slight	0.030	—	0.030						ⓓ nt, few drops at 8½ P
9.7	7.95	58	53	69	59.0	9 cu		3 cu		0		4.0	SW 1	W. 2	NE 3	V. slight									ⓓ nt 8½ P.
11.4	11.90	93	77	74	75.3	7 cu-nim	NW	3 St		9 cu-St		6.3	NE 4	NNE 3	NE 3	Moderate									
						10 cu-nim		10 cu-St		10 cu-St		10.0	WNW 1	NE 1	NE 1	Moderate	0.220	—	0.220						ⓓ nt. x 8½ A; a drop or two 5½ P
458	465.34	398	332	375	359.7	9		3		0		4.3							0.640						
460	463.9	287	292	361	297.6	9		17		17		14.4							—						
449	452.6	342	315	377	349.0	25				40		38.0							0.669						
452	534	378	331	393	344.7	27		21		26		24.6							0.115						
473	477	421	355	394	367.4	32		43		20		31.7							1.436						
524	535	421	356	416	408.7	48		39		34		40.3							0.210						
287.6	291.75	285	241	294	279.4	250		149		137		145.0							3.472						
9.38	9.41	64	64	73	69.8	4.87		4.78		4.64		4.75													

Number of Daily Wind Observations.

S E	S	S W	W	N W	Calm	Totals	No. and make of:
6	—	7	1	3	10	31	Barometer
—	—	16	3	1	1	31	Thermometers Dry and Wet
2	—	12	—	—	5	31	Maximum
8	—	35	4	4	16	93	Minimum
							Rain gauge

M. A. S. Khairi

OBSERVER.

TO Weather Bureau, Dept of Agriculture
Washington D.C., U.S.A.

METEOROLOGICAL RI

THE OBSERVATORY, SYRIAN PROTESTANT C

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 1

Year 1908
Month July

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	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	26.2	758.5	25.3	758.1	26.7	758.2	758.3	756.8	757.0	758.0	30.3	21.9	16.4		26.3	29.3	24.6	26.7	23.3	24.5	23.4	18.4	18.9	19.5	18.9	74	62	84	73.0
2	26.2	7.3	28.3	7.0	27.1	6.9	6.1	5.5	5.8	5.8	30.3	22.4	19.4		27.1	28.8	24.9	26.9	23.5	24.2	23.8	18.6	18.6	18.8	18.6	70	63	80	71.0
3	26.0	6.2	28.2	7.0	26.6	7.0	5.9	5.4	5.8	5.8	30.6	22.1	19.4		26.8	29.4	25.3	27.3	23.4	24.5	23.1	18.7	18.2	19.2	18.7	71	57	82	69.3
4	26.1	8.3	28.0	8.1	26.5	8.7	7.0	5.7	7.5	6.7	30.6	22.6	21.2		27.6	29.1	25.0	27.2	23.1	24.0	23.3	17.5	18.2	19.7	18.4	64	60	84	69.3
5	26.6	6.0	28.3	6.6	26.5	6.9	7.7	7.1	5.8	7.2	31.0	21.9	20.0		28.4	28.7	24.7	27.3	24.6	23.6	23.2	17.6	17.7	17.1	17.5	69	62	77	69.3
6	26.7	7.3	27.7	7.3	26.2	6.6	6.2	5.8	5.4	5.8	29.9	21.7	19.4		26.2	28.6	24.8	26.5	22.5	23.2	21.2	16.8	16.9	16.1	16.6	67	56	79	64.3
7	26.6	6.8	27.9	6.7	26.1	6.8	5.6	5.3	5.3	5.4	30.0	21.9	20.1		26.1	28.3	24.8	26.4	23.1	23.2	22.2	18.6	17.9	17.6	17.4	65	56	76	65.7
8	26.7	6.0	27.8	6.1	26.6	5.9	5.0	4.6	4.7	4.7	30.5	21.7	20.2		27.0	29.3	24.9	27.1	23.2	23.9	23.3	18.9	17.9	19.5	18.8	69	59	82	69.7
9	26.6	6.0	28.0	6.9	26.2	5.9	4.7	4.4	3.9	4.3	31.0	23.8	21.4		27.2	29.6	25.9	27.6	23.3	25.1	23.5	19.0	20.0	19.9	19.6	71	60	82	72.3
10	26.6	6.5	28.1	6.5	27.0	6.9	5.9	5.0	5.5	5.5	30.4	23.3	21.1		27.6	29.2	25.1	27.3	23.2	23.4	23.1	18.0	17.4	17.5	16.9	58	58	75	63.7
11	27.9	7.1	28.7	6.9	26.8	6.7	5.6	5.4	5.8	5.5	30.3	21.7	19.7		26.8	29.3	24.8	27.0	22.9	23.8	22.7	17.2	17.6	18.6	17.8	64	57	78	66.3
12	28.2	7.5	28.6	6.9	26.8	6.8	6.6	6.3	6.7	6.6	30.2	21.3	19.1		26.6	28.8	25.0	26.8	22.[illegible]	23.7	21.4	17.4	16.8	16.7	17.0	68	57	72	65.7
13	28.7	8.1	28.8	8.2	27.4	7.8	6.8	6.7	6.4	6.63	30.5	21.9	20.3		26.6	29.4	25.6	27.2	22.[illegible]	24.0	22.9	16.[illegible]	17.6	18.3	17.6	64	58	78	66.7
14	28.7	6.9	29.1	6.9	26.7	6.5	5.6	5.3	5.2	5.37	31.1	21.5	18.9		26.9	29.6	25.6	27.3	23.[illegible]	23.5	22.8	18.1	17.8	18.3	18.1	69	58	75	67.3
15	26.3	5.9	28.8	6.1	26.3	5.5	4.7	4.5	4.3	4.5	30.5	22.3	21.5		27.1	29.2	25.1	27.1	22.8	23.1	22.1	17.3	17.2	17.4	17.3	65	57	74	65.3
16	26.6	5.5	28.9	5.9	26.5	5.5	4.0	3.8	3.2	3.73	30.6	23.3	21.7		27.1	28.5	25.4	27.0	22.2	23.0	22.4	16.3	16.8	19.0	17.3	61	57	80	66.0
17	26.4	4.2	28.7	4.5	26.4	5.3	3.0	2.9	2.3	2.73	30.7	22.8	21.0		27.1	29.1	25.6	27.3	23.[illegible]	24.1	22.4	17.1	16.4	18.7	17.4	64	54	78	65.3
18	26.4	4.7	28.9	5.5	26.6	6.0	3.3	3.1	4.8	4.17	31.3	22.[illegible]	20.9		27.3	29.4	25.4	27.4	23.4	23.3	22.8	18.3	18.0	18.3	18.2	69	54	75	67.3
19	26.1	8.0	28.7	8.5	26.6	9.0	6.8	6.9	7.8	7.17	30.5	22.[illegible]	20.6		27.6	29.5		27.4	23.4	24.0	21.4	15.5	15.1	16.2	15.6	57	50	67	58.0
20	26.2	8.5	28.5	8.5	26.7	9.1	7.3	6.9	6.2	6.80	30.7	22.[illegible]	19.9		27.0	29.5	25.6	27.3	23.[illegible]	24.9	23.3	16.2	19.0	19.3	17.8	60	59	79	66.0
21	26.7	5.7	29.1	4.8	26.9	4.3	4.4	3.2	3.0	3.37	31.3	21.5	21.3		27.6	30.0	26.0	28.0	23.[illegible]	24.3	24.0	19.1	19.0	20.4	19.5	70	59	82	70.3
22	27.2	4.0	29.1	4.0	26.4	3.3	2.7	2.4	2.5	2.53	30.8	24.8	23.6		28.2	29.9	25.6	27.9	23.[illegible]	23.7	21.7	18.2	18.2	18.3	17.9	66	54	67	62.3
23	26.7	4.7	29.0	5.2	26.7	5.5	3.4	3.6	4.2	3.73	30.7	23.3	21.7		27.7	29.8	25.6	27.7	23.[illegible]	23.3	22.2	14.3	17.2	17.2	16.2	52	55	71	59.3
24	27.1	6.0	29.0	6.8	26.9	7.2	4.6	5.7	5.9	5.20	31.0	23.3	21.7		28.3	29.0	25.9	27.7	23.[illegible]	23.9	22.8	15.7	16.4	18.1	16.7	54	53	72	60.0
25	26.6	7.7	29.1	8.3	27.0	8.7	6.3	6.7	6.7	6.57	30.9	23.6	20.6		27.8	29.4	25.2	27.4	23.2	23.7	22.7	17.4	17.8	18.4	17.9	63	58	77	66.0
26	26.1	7.7	28.8	7.6	26.7	6.9	6.4	6.0	5.7	6.03	31.0	24.2	20.6		27.2	29.2	25.1	27.2	23.2	23.[illegible]	21.7	17.9	16.5	14.7	17.0	67	55	71	64.3
27	25.7	6.4	28.8	6.7	26.9	6.4	5.2	5.2	5.6	5.33	31.1	21.8	19.2		26.8	29.5	25.0	27.1	23.2	24.2	21.9	18.1	16.5	17.1	17.2	69	54	73	65.3
28	25.8	7.2	28.4	7.8	26.6	7.3	6.1	6.3	6.0	6.13	30.4	21.4	17.5		26.7	28.8	25.1	26.8	23.4	24.1	21.8	15.2	15.2	16.9	15.7	58	52	72	60.7
29	26.4	7.6	28.8	7.3	26.7	6.7	6.4	5.7	5.4	5.84	30.7	21.8	2.02		27.1	29.7	25.7	27.5	23.1	24.6	22.5	17.4	17.6	18.4	18.1	67	58	74	66.3
30	26.7	6.4	28.9	6.5	26.8	6.0	5.7	5.0	4.7	4.93	30.3	22.9	21.1		27.4	29.6	25.9	27.6	23.7	3.1	22.7	18.8	19.3	19.3	19.1	69	59	75	67.7
31	25.8	5.8	28.3	5.9	26.6	6.0	4.7	3.9	4.7	4.44	30.6	21.7	20.3		26.6	29.4	25.5	27.2	22.2		22.[illegible]	16.5	16.4	17.6	16.8	63	54	70	62.3
Sums 1–5							758.1	758.2	758.4	758.9	152.8	111.1	99.4		134.5	146.9	124.6	135.3				97.8	91.6	94.3	94.2	344	304	405	351.0
„ 6–10							757.6	757.1	757.4	757.4	151.9	112.4	103.3		134.2	146.1	126.1	135.5				86.4	89.1	90.8	88.7	329	293	385	335.7
„ 11–15							757.3	757.1	757.4	757.3	152.6	104.7	99.5		134.0	146.1	125.9	135.3				86.7	87.0	89.7	87.8	334	284	317	331.7
„ 16–20							757.1	756.9	757.3	757.1	152.2	115.2	104.4		136.1	146.9	127.4	136.8				83.4	84.3	91.5	86.4	314	279	374	322.3
„ 21–25							757.4	757.0	757.4	757.3	154.7	115.8	107.6		137.6	146.3	128.3	138.8				84.7	83.6	90.4	86.2	340	253	369	320.7
„ 26–31							753.9	753.1	753.2	753.4	154.6	110.1	103.8		136.8	146.1	125.8	136.2				104.3	104.4	104.6	104.4	393	332	435	386.7
Total	Sums						1774.5	1774.4	1774.0	1774.3	919.7	692.7	623.8		840.5	876.6	781.0	832.7				537.2	541.0	556.3	544.8	2104	1755	2349	2069.3
	Means						758.3	757.7	757.8	757.9	153.3	115.4	103.9		140.1	146.0	130.2	138.8				89.5	90.1	92.7	90.8	350.7	292.5	391.5	344.9

Barometer	**Maximum**	757.8	**on**	19, 8½ P	
„	**Minimum**	752.3	**on**	17, „	
Thermometer	**Maximum**	31.3	**on**	18 & 21	
„	**Minimum**	21.9	**on**	28	
Highest Temp.	**in Sun**		**on**		
Lowest „	**on Grass**	17.5	**on**	28	
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						31	
2½ P.M						30	
8½ P.M						27	
Totals						88	

)GICAL REGISTER;

PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54- 22- N.

tOM 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.	
19.5	18.93	70	62	84	72.0	0		0		0		0															
18.8	18.4	70	63	80	71.0	1 Cu	SW	0				0															
19.2	18.7	71	57	8[illegible]	69.3	0						0															
19.7	18.4	64	60	84	69.3	1 Cu	SW	0				0															
19.1	17.7	69	52	77	69.3	1 Cu	SW	0				0															
18.1	16.6	47	46	70	64.3	0		0				0															
17.8	17.1	65	56	76	65.7	1 Cu		0				0															
19.5	18.4	68	58	82	69.7	0						0															
19.9	19.2	71	60	82	72.3	0		3 Cu	SW	2 Cu	SW	0															
17.5	16.9	58	58	75	63.7	2 Cu	SW	1 Cu		0		0															
19.6	17.7	64	57	78	66.3	1 Cu	SW	2 Cu	SW	0		0															
16.7	17.0	68	57	72	65.7	0		0		2 Cu		0															
18.3	17.6	64	59	78	66.7	2 Cu	SW	1 Cu	SW	0		0															
19.3	19.0	69	58	75	67.3	0		0				0															
17.4	17.3	65	57	74	65.3	0		1 Cu				0															
18.0	17.3	61	57	80	66.0	0		1 Cu				0															
18.7	17.4	64	54	78	65.3	0		0		1 Cu		0															
18.2	18.2	69	59	75	67.7	1 Cu	SW	1 Cu				0															
18.2	15.6	57	50	67	58.0	0		1 Cu				0															
19.3	17.2	60	54	74	66.0	0		0				0															
20.4	19.5	70	59	82	70.3	2 Cu	SW	0				0															
16.3	17.7	64	54	67	61.0	0		1 Cu				0															
17.2	16.2	52	55	71	59.3	1 Cu		0		5 Cu		0															
19.1	16.7	55	53	72	60.0	0		1 Cu	SW			0															
18.4	17.7	63	58	77	66.0	2 Cu		0				0															
16.7	17.3	67	55	71	64.7	0		1 Cu				0															
17.1	17.23	69	54	73	65.3	0		0				0															
16.9	15.7	58	58	72	60.7	3 Cu		0				0															
18.4	18.7	67	58	74	66.3	1 Cu	SW	0				0															
18.5	19.33	69	59	75	67.7	0		0				0															
17.4	16.3	63	54	79	65.3	2		1				0		1.0													
94.3	92.14	344	304	405	384.9	2		4				2		2.6													
90.8	88.77	329	293	351	335.7	8		3				2		4.4													
89.7	87.10	330	287	317	331.3	1		4				1		1.9													
91.5	98.43	311	279	374	323.0	3		2				1		3.3													
90.4	82.90	304	253	369	313.6	6		1				0		2.3													
144.6	102.66	393	332	435	386.7	2		15				10		15													
56.3	54.67	2.11	1.79	2.50	2.13.2																						
18.10	17.11	64.9	57.4	75.8	66.00	0.71		0.50		0.35				2.50													

Number of Daily Wind Observations.

S E	S	S W	W	N W	Calm	Totals	
		31				31	**No. and make of:** **Barometer**
		30		1		31	**Thermometers** **Dry and Wet**
		27			4	31	**Maximum**
		88		1	4	93	**Minimum**
							Rain gauge

M. A. S. Khouri B.A.

OBSERVER.

TO Weather Bureau, Dept of Agriculture
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT C

Year 1908
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	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	27.4	757.6	28.3	756.8	27.8	756.5		755.5	757.0	756.33	30.8	24.8	23.2		27.8	27.8	26.7	27.43	23.8	23.5	23.1	18.6	18.1	18.1	18.27	67	65	68	66.7
2	27.4	55.8	27.3	55.8	26.7	58.7	756.0	50.4	55.5	54.30	30.2	24.4	24.2		26.7	26.8	24.6	26.03	22.8	22.3	24.6	17.5	16.6	16.9	17.00	67	63	74	68.0
3	26.4	58.0	25.8	58.9	27.1	60.3	54.5	57.3	58.7	57.60	30.9	21.4	19.4		27.4	24.9	24.7	25.67	22.1	22.3	24.4	15.2	14.7	14.7	14.87	52	47	64	54.3
4	26.6	61.0	25.4	60.8	27.1	60.3	58.8	59.3	59.0	59.30	30.0	22.1	20.0		27.6	28.9	28.1	28.20	22.3	24.0	23.6	15.9	18.2	18.6	17.90	57	67	78	67.3
5	27.1	59.2	25.8	58.0	27.7	57.8	59.6	56.4	56.3	57.97	30.9	23.3	21.1		27.7	29.8	29.9	29.13	23.3	24.4	23.4	18.8	18.3	18.9	18.66	65	59	75	66.3
6	27.1	57.6	24.6	57.0	27.7	56.7	57.9	56.3	58.3	57.50	31.0	23.9	19.9		28.1	29.4	28.5	28.66	23.2	24.1	23.4	17.3	18.0	18.8	18.03	61	59	73	64.3
7	27.8	57.9	25.5	57.7	27.7	57.7	56.4	56.2	57.3	56.67	29.7	24.2	22.6		27.8	28.2	27.8	27.93	23.6	23.9	23.8	18.7	17.5	18.3	18.83	68	65	73	68.7
8	28.2	60.5	24.3	60.0	25.5	60.0	56.5	58.4	58.6	58.17	30.7	26.0	24.6		27.3	30.3	28.8	28.80	23.7	23.8	23.4	17.7	17.7	18.2	18.20	60	59	76	65.0
9	27.6	61.0	24.8	61.0	27.7	61.2	59.0	59.3	59.6	59.56	31.1	25.0	23.4		27.5	27.6	25.6	26.90	23.0	24.1	22.3	17.5	18.1	17.2	17.60	66	64	69	66.3
10	27.2	60.5	23.5	59.6	26.8	59.8	59.0	58.1	58.5	58.60	30.6	23.3	20.8		27.6	28.5	27.6	27.90	23.9	22.1	21.3	17.5	15.7	15.6	15.60	67	58	64	63.0
11	26.7	59.1	26.0	58.5	26.6	58.9	58.2	57.0	58.6	57.93	29.8	22.8	20.6		27.6	28.5	27.9	28.00	24.1	21.5	21.5	14.1	14.1	15.8	14.67	52	48	64	54.7
12	27.8	60.7	26.4	59.0	27.6	59.6	58.5	57.4	58.2	58.03	29.9	24.9	23.5		28.2	28.4	28.1	28.23	23.1	24.8	21.8	15.4	14.9	15.9	16.07	54	59	61	58.0
13	27.2	59.7	24.3	59.0	27.7	58.6	58.3	57.4	57.5	57.73	30.3	24.0	22.2		27.6	29.2	28.7	28.83	22.1	22.7	23.1	15.7	15.8	15.4	15.63	58	52	70	60.0
14	27.2	59.1	24.1	58.5	27.2	58.1	58.3	56.9	56.7	57.30	30.7	23.9	20.3		27.8	28.5	28.8	28.37	23.2	23.8	22.9	17.6	17.4	19.0	18.00	64	58	81	67.0
15	26.8	58.8	24.9	58.3	27.7	58.5	57.7	56.7	57.0	56.80	31.3	22.5	19.6		26.6	28.7	26.5	27.33	23.2	23.5	23.6	18.1	17.8	18.3	18.40	71	59	75	68.3
16	27.1	59.7	28.8	58.7	27.9	58.8	57.9	57.9	57.4	57.87	30.0	23.8	20.6		26.8	28.8	27.2	27.60	22.9	24.0	22.6	17.7	18.3	18.4	18.13	71	59	75	68.3
17	27.2	59.1	29.5	58.1	27.3	57.3	58.3	57.4	58.0	57.90	31.2	23.4	20.2		28.0	29.5	28.8	28.77	23.3	24.7	24.5	18.7	19.1	19.4	19.07	71	64	81	72.0
18	26.0	58.6	28.4	58.5	28.5	58.3	57.7	57.1	59.5	58.10	30.6	22.1	19.2		26.6	29.1	26.0	27.23	23.3	24.0	23.6	18.1	18.3	18.4	18.27	71	59	75	68.3
19	26.1	62.3	28.3	60.5	28.5	60.8	57.7	58.1	61.2	59.00	30.1	21.4	19.8		26.1	28.4	24.6	26.37	23.4	23.6	23.2	18.2	17.9	18.3	18.13	77	64	81	74.0
20	26.6	62.5	27.9	62.0	26.2	61.5	57.4	60.2	60.6	59.40	29.7	24.2	19.2		26.1	26.3	24.4	25.60	23.4	23.6	23.2	18.2	17.9	18.3	18.13	77	64	81	74.0
21	25.7	61.1	27.7	61.6	26.7	60.6	61.6	59.2	59.5	59.43	28.7	24.3	19.4		28.6	29.4	23.3	26.43	19.3	18.7	17.8	11.1	11.0	10.9	11.00	61	60	51	57.3
22	26.1	60.7	27.2	60.5	26.4	60.1	59.9	59.4	60.0	59.77	28.7	20.9	19.1		25.4	26.9	24.4	25.57	17.8	19.4	17.8	10.9	12.1	11.9	11.63	48	60	51	53.0
23	24.9	60.7	26.5	60.1	25.4	60.4	59.6	60.8	61.3	60.23	27.9	21.5	20.0		26.1	27.4	25.6	26.37	20.7	21.6	22.1	14.5	15.0	13.0	14.17	67	61	66	64.7
24	25.4	61.7	26.7	61.1	25.8	61.6	60.6	59.7	59.7	59.97	28.8	23.0	20.8		26.7	27.7	24.0	26.13	21.1	22.2	20.2	14.7	14.2	14.8	14.57	56	61	66	61.0
25	25.6	61.7	27.2	61.1	26.1	60.9	60.5	58.6	58.9	59.33	29.0	24.0	18.6		26.6	27.5	24.3	26.13	20.7	21.9	20.3	10.5	11.6	14.9	12.33	48	57	66	57.0
26	25.6	61.5	27.9	60.1	26.1	60.1	58.3	58.6	59.4	58.77	29.1	20.4	18.2		26.4	27.6	23.7	25.90	18.7	21.7	20.5	13.4	15.1	15.6	14.70	58	67	66	63.7
27	25.8	60.3	27.6	60.1	26.0	60.6	58.2	58.9	59.0	58.70	28.1	20.9	17.8		25.8	27.4	23.7	25.63	18.7	21.7	20.5	13.4	15.1	15.6	14.70	58	65	71	64.7
28	25.0	60.7	27.3	60.1	26.7	60.1	58.5	58.8	58.5	58.60	28.5	21.1	18.9		26.0	27.8	24.6	26.13	19.9	20.9	19.5	13.8	14.1	13.4	13.77	58	62	58	59.3
29	25.1	60.2	27.3	59.7	26.5	59.7	58.1	58.9	58.4	58.47	28.4	22.4	20.6		24.4	25.5	24.1	24.66	21.5	19.8	19.3	13.5	13.4	13.5	13.80	59	60	66	61.7
30	25.1	59.9	27.2	59.7	26.5	59.5	58.1	58.9	58.4	58.47	28.4	22.4	20.6		24.4	25.5	24.1	24.66	21.5	19.8	19.3	13.5	13.4	13.5	13.80	59	60	66	61.7
31							58.8																					
Sums 1–5							2948	2929	2946	2941	1518	1160	1079		1374	1432	1340	1382				860	854	893	869				
„ 6–10							2907	2883	2905	2898	1538	1211	1121		1385	1445	1312	1381				867	880	894	880				
„ 10–15							2880	2854	2850	2861	1501	1170	1062		1377	1448	1305	1377				809	831	864	835				
„ 16–20							2931	2859	2917	2902	1548	1189	1080		1381	1461	1342	1395				747	761	786	765				
„ 21–25							3002	2935	3010	2982	1530	1171	961		1308	1357	1217	1294				685	701	756	714				
„ 26–31							2859	2801	2842	2834	1497	1121	961		1205	1363	1204	1257				726	734	765	742				
Total Sums							17627	17261	17510	17466	9143	6792	6129		8108	8506	7740	8106				4641	4665	4858	4750				
Means							705.08	690.44	700.40	698.64	365.72	271.68	245.16		324.32	340.24	309.60	324.24				185.64	186.60	194.32	190.00				

Barometer Maximum on
„ Minimum 761.6 on 2d 23, 8½ No. of days with:
Thermometer Maximum 754.4 on
„ Minimum 31°2 on 17 rain .....
Highest Temp. in Sun 120° on 23 thunderstorms .....
Lowest „ on Grass 17.5 on 24 fog .....
Rainfall Maximum on gale .....

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W	N
8½ A.M	1	7	—	—	—	18	1	2
2½ P.M	4	5	—	—	—	14	2	5
8½ P.M	—	6	—	—	—	13	1	6
Totals	5	18	—	—	—	45	4	13

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

ty 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	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.	
18.1	19.27		67	68	68	66.7	4 Cu	SW	10 Cu-Sc		10 Cu-Sc		8.0	SW 2	N.2	W 1		Calm									
16.9	17.15		67	73	74	68.0	9 Cu	SW	10 Cu-Sc		0		6.3	SW 2	SW 1	SW 1		Calm									
14.7	14.87		52	47	64	54.3	0		0		1 Cu		0.3	SW 2	SW 2	SW 1		Calm									
19.6	17.90		57	67	73	65.3	0		0		0		3.0	NE 2	NE 2	NW		v. light									
18.9	19.16		65	69	75	67.3	10 Cu-Sc		0		0		3.0	N. 2	N. 2	0		Calm									
18.8	18.03		61	69	73	64.3	1 Cu		8 Cu-Sc		0		3.0	SW 2	W 2	0		Calm									
14.3	19.83		68	65	73	68.7	5 Cu		10 Cu		1 Cu-Sc		5.3	NW 1	NW 3	NW 1		Calm									
14.2	18.20		60	69	76	65.0	10 Cu-Sc		0		0		3.3	SW 2	SW 2	NW 2		Calm									
19.2	17.60		66	74	69	83.0	0		7 Cu-Sc		9 Cu	SW	5.3	SW 2	SW 3	SW 1		v. Slight									
16.6	15.60		57	58	60	58.7	3 Cu	SW	3 Cu		5 Cu	SW	3.7	SW 2	NW 2	NW 1											
15.3	14.67		52	45	64	54.7	3 Cu		0		1 Cu		1.0	NE 2	SW 2	NE 2		v. Slight									
15.9	16.07		54	49	61	58.0	5 Cu		5 Cu		10 Cu		6.0	NE 2	N. 2	NE 2		v. Slight									
18.4	16.13		58	52	70	60.0	10 Cu		10 Cu		9 Cu	SW	7.3	NE 2	NE 3	NE 2		Calm									
19.0	18.00		64	56	81	67.0	2 Cu-Sc		0		0	SW	1.0	SW 2	SW 2	0		Calm									
18.3	19.40		71	59	75	68.3	0		1 Cu-Sc		3 Cu		1.3	SW 1	NW 3	NW 2		v. Slight									
18.4	17.63		67	76	81	69.7	0		3 Cu		0		1.0	W. 2	NE 3	NE 4		v. Slight									
15.4	13.40		48	60	75	61.0	0		0		0			0	W. 2	SW 2		Calm									
14.3	13.73		46	46	58	50.0	0		1 Cu		3 Cu		1.3	NE 1	SW 2	SW 3		Calm									
14.5	14.53		48	53	61	55.1	0		0		0		0.9	SW 1	SW 3	NW 2		Calm									
14.5	14.17		57	48	60	55.0	1 Cu-Sc		1 Cu-Sc		3 Cu		1.3	SW 1	SW 2	SW 2		Calm									
12.7	12.43		48	54	55	52.3	4 Cu		4 Cu-Sc		3 Cu		2.7	SW 2	SW 3	SW 2		Light									
10.9	11.10		41	46	51	45.3	6 Cu		3 Cu-Sc		1 Cu		3.3	SW 2	SW 3	SW 3		Light									
10.9	12.43		45	48	66	53.3	0		0		0			NW 1	N. 2	NE 2		Light									
13.0	15.50		57	67	70	67.3	0		0		0			NE 2	NE 4	NW		Light									
14.8	14.57		56	61	66	57.7	0		3 Cu	SW	1 Cu		0.3	NE 2	NE 2	SW 1		v. Light									
14.8	13.83		40	59	66	54.3	0		7 Cu-Sc		1 Cu		1.3	SW	SW 2	SW 1		Calm									
15.6	14.70		56	55	71	60.7	8 Cu		9 Cu		3 Cu		2.3	SW 1	NW 2	0		Calm									
17.4	17.20		72	69	80	74.0	2 Cu-Sc		3 Cu-Sc	SW	9 Cu	SW	6.7	SW 2	NW 2	SW 1		v. Slight									
13.4	13.77		58	52	68	59.3	8 Nb		2 Cu-Sc		3 Cu	SW	4.7	SW 2	SW 4	SW 3		Calm									
12.5	14.30		59	50	69	56.0							4.3	SW 2	SW 2	SW 2		v. Light									
13.8	14.70	3.1	49	58	69	58.6	14		20		11		14.9														
14.4	14.66	3.2	57	58	75	63.7	19		28		24		23.6														
13.4	13.77	2.9	64	57	71	64.0	11		19		23		17.3														
15.4	14.30	2.6	52	56	69	59.3	1		5		6		4.0														
14.5	14.88	2.7	58	58	69	61.7	11		7		4		7.3														
14.8	14.66	2.9	59	58	70	62.3	19		24		46		14.3														
14.8	14.66	2.9	59	58	70	62.3	14		10		8		8.4														
							17		34		9		9.8														

Number of Daily Wind Observations.								No. and make of:
S E	S	S W	W	N W	Calm	Totals		
—	—	18	1	2	1	31		Barometer
—	—	14	2	5	—	30		Thermometers Dry and Wet
—	—	13	1	6	4	30		Maximum
—	—	4-	4	13	5-	90		Minimum
								Rain gauge

M. A. Khein

OBSERVER.

TO Weather Bureau, Dept of Agriculture
Washington, D.C.

METEOROLOGICAL RI

THE OBSERVATORY, SYRIAN PROTESTANT C

Year 1908
Month October

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	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	25.3	76.35	25.4	76.07	24.1	7666	759.4	759.6	760.7	759.90	28.2	20.7	18.2		25.9	25.4	22.3	24.53	19.3	19.8	18.1	12.5	13.5	13.6	13.17	56	56	68	59.6
2	24.4	62.3	25.8	62.0	25.6	62.4	61.2	60.8	61.4	61.13	29.2	20.6	17.7		25.4	26.0	24.3	25.23	19.8	20.4	19.3	13.5	14.6	13.3	14.47	56	54	59	57.6
3	24.8	63.3	26.1	62.7	25.6	62.8	62.2	61.4	61.7	61.77	27.9	20.5	18.1		25.6	26.6	24.1	25.43	20.2	20.1	20.4	14.3	13.3	13.2	13.67	61	52	68	60.3
4	24.5	63.5	27.2	62.9	25.2	63.2	62.6	61.5	62.1	62.10	28.7	20.1	18.3		24.2	27.2	23.8	25.07	19.8	20.9	19.8	14.2	14.2	14.1	14.26	63	52	66	60.3
5	24.6	63.8	26.6	63.4	24.8	64.2	62.7	62.2	63.1	62.67	29.8	20.6	18.8		25.1	26.2	23.7	25.00	19.4	19.5	18.2	13.1	12.6	12.1	12.60	56	50	55	53.7
6	24.6	64.3	26.6	64.1	25.0	64.8	63.3	62.8	63.8	63.30	27.8	20.7	18.8		24.4	26.2	23.2	24.60	19.1	19.3	18.0	12.9	12.4	12.1	12.47	56	48	57	53.7
7	24.0	65.0	26.1	65.2	23.3	64.7	64.1	64.0	63.9	64.00	27.8	20.0	17.7		23.9	26.0	20.9	24.60	18.2	20.3	19.1	13.5	13.8	15.1	14.43	46	36	81	62.3
8	23.9	65.3	24.4	64.1	23.2	63.9	64.3	63.0	63.0	63.43	27.8	20.1	17.8		24.1	25.3	22.6	24.00	19.3	19.3	17.9	13.5	12.8	12.2	12.83	60	53	60	57.7
9	22.8	63.8	23.3	63.0	22.9	62.2	62.2	61.0	62.4	61.53	26.4	18.4	15.8		23.1	24.9	21.5	23.17	18	16.7	16.8	11.6	9.7	10.3	10.20	60	41	54	45.3
10	22.8	64.2	23.7	61.8	22.8	62.5	61.0	60.9	61.7	61.20	25.8	18.3	15.8		23.1	23.3	21.3	22.57	16.5	17.8	16.8	10.2	11.3	11.5	11.00	48	69	60	59.2
11	22.1	64.7	23.9	60.9	23.1	65.1	64.1	64.0	64.8	64.30	25.8	17.9	14.6		22.6	24.4	23.2	23.40	16.2									
12	23.4	65.3	24.4	64.0	25.1	63.6	64.3	62.7	62.5	63.17	26.4	20.0	17.3		25.1	27.1	24.3	25.83	17.3	17.4	16.8	10.1	10.7	10.3	10.37	50	47	48	48.3
13	24.3	63.8	26.1	61.1	24.4	60.6	62.3	59.9	59.6	60.27	29.9	21.1	18.1		24.5	27.1	24.0	25.20	19.8	21.4	19.4	10.3	9.7	14.7	11.57	43	34	61	46.0
14	24.1	66.6	25.1	59.5	24.6	60.2	59.9	58.8	59.3	59.33	27.8	20.0	18.2		24.1	25.3	24.7	24.70	19.9	20.9	20.9	14.0	21.7	14.4	17.03	62	85	64	70.3
15	24.6	66.0	25.6	60.0	25.0	60.3	60.0	58.8	59.2	59.33	27.8	21.7	19.4		25.1	25.5	24.9	25.10	21.0	22.2	23.2	14.3	15.3	16.0	15.20	64	64	71	66.3
16	24.7	62.9	25.1	64.3	24.0	63.2	61.8	63.0	62.1	62.63	27.5	21.7	19.4		24.9	24.2	24.0	24.37	22.7	22.1	22.3	18.6	18.1	18.6	18.43	80	81	87	82.7
17	24.9	64.1	25.0	63.9	24.7	62.4	63.1	62.0	62.0	62.37	26.4	22.8	20.7		24.7	25.1	24.3	24.70	22.3	22.1	23.2	18.2	17.4	20.1	18.57	78	74	89	80.3
18	24.6	63.5	25.4	61.2	24.0	62.1	61.3	60.6	61.1	61.33	26.4	22.8	21.2		23.9	25.1	23.2	24.07	21.8	21.9	20.7	17.7	19.0	16.2	16.97	80	72	76	76.0
19	23.9	66.6	24.7	60.9	24.0	61.6	60.9	59.9	60.7	60.50	25.7	22.2	21.1		23.2	23.8	22.9	23.30	21.6	20.4	20.3	16.0	15.4	15.8	15.73	76	72	76	74.7
20	25.7	60.9	24.4	61.3	23.8	62.1	60.9	60.3	61.2	60.80	25.7	21.7	21.1		22.5	24.1	23.1	23.23	19.9	19.9	19.9	14.3	14.5	17.2	15.33	70	65	72	69.0
21	23.3	63.9	24.9	63.8	23.7	63.8	63.0	62.4	62.2	62.53	25.2	21.1	—		22.6	24.9	23.4	23.70	18.4	20.0	20.3	13.6	14.0	15.4	14.33	70	63	72	68.3
22	23.4	63.4	24.4	62.4	23.7	61.8	62.0	60.4	60.9	60.77	25.7	21.7	19.4		23.2	24.4	22.8	23.47	19.3	20.1	20.1	13.9	14.4	15.5	14.60	66	60	72	66.0
23	23.8	62.5	25.0	61.1	24.1	60.8	61.6	60.0	59.6	60.40	26.1	21.0	19.0		23.8	25.3	23.7	24.10	20.8	21.8	22.1	16.2	16.6	18.4	17.07	66	63	75	68.0
24	23.8	60.6	24.0	59.6	24.0	60.2	59.7	59.1	59.3	59.37	26.4	20.4	18.3		23.7	25.4	23.3	23.80	21.3	22.1	21.7	17.8	17.2	18.0	17.67	74	70	85	76.3
25	23.9	60.9	24.1	60.6	24.4	60.1	60.0	59.4	60.1	60.17	29.1	20.4	18.2		23.2	25.8	22.4	23.80	21.1	21.9	20.5	15.8	14.0	16.9	15.90	80	71	85	80.7
26	23.3	63.1	24.7	62.3	23.5	62.4	62.4	61.2	61.6	61.73	26.6	19.1	17.2		20.4	25.2	22.8	22.80	18.8	21.6	21.0	11.9	16.4	17.1	15.13	66	87	84	77.0
27	22.9	63.5	24.8	61.9	23.9	61.2	61.8	60.9	60.8	61.17	26.6	19.2	17.4		22.4	25.4	24.1	23.97	18.6	18.6	18.6	13.4	11.8	12.6	12.53	66	88	83	72.3
28	23.3	60.7	25.2	59.8	23.4	59.6	59.3	58.7	58.9	59.00	27.4	19.1	16.3		22.7	25.9	22.3	23.63	17.4	20.1	15.4	11.6	13.6	15.4	13.53	66	49	55	56.7
29	23.9	59.6	24.9	59.5	23.4	60.4	58.8	58.4	59.2	58.80	26.6	19.6	17.2		22.6	25.1	21.3	23.00	18.7	19.7	18.1	13.4	13.5	13.3	13.40	66	55	78	63.3
30	23.5	61.2	24.0	60.7	23.0	61.1	60.4	59.6	60.3	60.07	25.6	18.3	15.9		21.7	24.3	21.7	23.57	17.7	19.0	18.8	12.0	12.9	14.1	13.10	66	57	69	64.0
31	23.3	60.7	23.8	60.0	22.4	59.8	60.0	59.1	59.2	59.43	24.8	18.0	—		21.4	23.3	20.9	21.87	17.6	17.5	16.7	12.4	11.5	11.4	11.77	66	54	62	60.7
Sums 1–5							305.1	305.4	304.1	304.87	139.6	102.5	90.4		125.6	131.0	116.2	125.06				67.6	70.2	69.5	69.77	286	266	316	289.3
„ 6–10							304.9	304.9	305.3	305.03	133.5	99.5	85.9		119.8	125.7	109.5	118.34				60.7	60.0	61.2	60.63	263	247	312	274.0
„ 10–15							309.4	309.9	310.4	309.92	136.7	100.7	87.9		121.0	129.4	112.3	120.93				64.2	76.1	75.5	71.94	285	301	331	295.6
„ 16–20							309.0	307.9	306.4	307.76	131.7	101.2	88.1		119.5	121.3	113.3	118.03				84.8	82.4	87.9	85.03	393	342	396	377.3
„ 21–25							307.8	308.3	309.1	308.41	131.5	104.6	94.9		115.5	115.8	105.6	112.30				78.3	76.2	84.2	79.57	324	331	401	352.0
„ 26–31							303.2	303.1	304.1	303.47	127.6	103.3	93.4		112.2	109.1	103.1	108.13				75.1	79.7	83.6	79.46	335	340	419	364.3
Total Sums							1911.9	1913.4	1914.9	1913.43	800.6	619.8	536.1		732.0	756.4	710.0	732.80				430.7	444.4	460.9	445.33	1984	1847	2078	1969.7
Means							318.65	318.90	319.15	318.90	133.43	103.30	89.35		122.00	126.07	118.33	122.13				71.79	74.07	76.82	74.23	330.7	307.8	346.3	328.28

Barometer	**Maximum** 764.3	on 18	8½ P.M.
„	**Minimum** 758.4	on 14	2½ P.M.
Thermometer	**Maximum** 28°7	on 4	
„	**Minimum** 17°9	on 11	
Highest Temp.	**in Sun**	on	
Lowest „	**on Grass** 14°9	on 11	
Rainfall	**Maximum** 0.059	on 31	

No. of days with:

rain	2
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	N E	E.	S E	S	S W	W	N
8½ A.M	1	6	2	—	—	15	—	—
2½ P.M	5	11	—	—	—	8	1	5
8½ P.M	2	13	—	1	—	7	—	1
Totals	8	30	2	1	—	30	1	6

.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.** 1.76; **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.	
2.5	13.6	13.17	50	46	68	59.3	1 cu		9 cu-st		0		3.7	SW 2	NE 2	0	Calm										
10	13.3	14.42	56	45	54	51.7	0		0		0			E 1	N 2	NE 3	v. slight										
8.3	13.2	14.17	61	52	68	60.3	0		0		3 cu		1.0	NE 2	N 2	N 3	0 Calm										
7.2	14.1	14.26	53	52	66	60.3	0		0		1 cu		0.3	SW 1	SW 3	SW 2	"										
6.6	12.1	12.40	56	50	55	53.7	5 cu-cu		8 cu		8 cu		0.7	0	SW 2	SW 2	"										
4.4	12.1	12.49	56	48	57	53.7	2 cu	SW	8 cu		4 cu		2.3	SW 1	SW 2	SW 1	"										
4.8	15.1	14.93	49	56	81	62.0	9 cu	SW	8 cu-st		0		5.7	0	W 2	SW 1	V. slight										
5.8	12.2	12.53	60	53	60	57.7	4 cu	SW	1 cu		2 cu		2.3	0	N 2	NE 2	Calm										
4.7	10.3	10.20	50	41	54	48.3	0		0		0			NE 2	NW 1	0	"										
4.3	11.5	11.43	48	49	60	52.3	3 cu	SW	4 cu		2 cu		3.0	SW 1	N 2	NE 1	"										
4.7	10.3	10.37	50	47	48	48.3	0		0		0			NE 1	NE 3	NE 4	slight										
4.7	14.7	11.57	43	34	61	46.0	0		0		0			NE 1	NE 4	NE 4	slight										
4.7	14.4	12.03	62	45	64	70.3	0		9 cu		4 cu		4.3	SW 1	NE 2	NE 2	V. slight										
5.3	18.0	15.20	64	64	71	66.3	9 cu		10 cu		9 cu		9.3	0	NE 2	NE 2	"										
4.7	24.1	19.77	66	71	87	74.7	8 cu	SW	10 cu-cu	NE	9 cu		9.0	NE 2	NW 2	SW 1	"										
5.1	18.6	18.43	80	81	87	84.7	10 cu	SW	10 cu		10 cu		10.0	SW 1	NE 1	0	V. slight										0 few dps nt 10 P.
4.4	30.1	19.57	79	74	89	80.3	10 cu	SW	10 cu		10 cu-st		10.0	SW 2	NE 2	0	slight										0 few dps 4 P.
4.6	16.6	16.97	80	82	76	76.0	10 cu-st		10 cu-st		10 cu-st		10.0	N 2	0	NW	Calm										
4.0	15.8	15.23	75	70	78	74.3	10 cu	SW	10 cu	SW	10 cu		10.0	SW 2	SW 2	NW	"										
5.5	17.2	15.33	70	65	72	69.0	8 cu	E	9 cu	E	7 cu		8.0	E 2	NE 3	NE	"	0.023	—	0.023							0 freq nt befn 2 A
4.0	15.4	14.33	66	60	72	66.0	0		0		0			0	NW 2	NE	v. slight										
4.4	15.5	14.66	66	63	75	68.0	1 cu-cu		1 cu		0		0.7	0	NW 2	NE 2	Calm							2			
4.2	18.4	17.07	74	70	85	76.3	1 cu		1 cu		0		0.7	SW 2	SW 2	NE	Calm										
4.0	18.9	15.90	80	71	85	80.7	0		1 cu		0		0.3	SW 1	SW 1	NE 4	Calm										
4.4	12.1	15.13	66	87	84	77.0	1 cu		0		0			SW 1	NE 2	NE 4	V. slight										
4.8	12.6	12.53	66	68	83	72.3	0		0		0		0.3	SW 1	0	0	V. slight										
4.6	15.0	13.53	57	55	78	63.7	6 cu-st		2 cu		2 cu		3.3	SW 2	NW 2	SW 4	Calm										
4.5	13.3	13.40	66	57	69	64.0	0		1 cu		4 cu		1.7	SW 1	NW 1	SW 4	Calm							4			
4.9	14.1	13.10	64	57	72	64.3	2 cu		4 cu		4 cu	SW	3.4	0	SW 2	SW 2	Calm	0.045	0.014	0.059							0 freq nt & forenoon
4.5	14.4	11.77	66	54	62	60.7	6		17		12		11.6														
2.2	48.5	66.77	286	266	316	289.3	18		14		8		13.3														
0.0	61.2	60.63	263	247	312	274.0	9		19		13		13.6														
1.1	75.5	71.64	285	301	331	295.6	48		50		49		49.0														
4.4	87.9	85.03	383	362	394	381.3	10		12		7		9.7							.022							
2.2	84.2	79.57	312	311	401	368.0	9		7		10		8.7							.059							
7.7	83.6	79.46	385	378	419	387.3	100		119		99		105.7							.037							
4.6	46.9	44.48	174	147	178	166.3																					
	14.87	14.37	63.7	59.6	71.2	64.5	3.23		3.84		3.19		3.42														

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
	—	—	15	—	—	7	31
—	—	—	8	1	5	1	31
—	1	—	7	—	1	7	31
2	1	—	30	1	6	15	93

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

M A. S. Klein B.A.
OBSERVER.

TO Weather Bureau Dept. Agr.
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10

Year 1903
Month May

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	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	719.0	21.8	718.	20.1	759.3	758.3	757.5	759.0	758.27	24.2	18.1	—		21.1	19.6	16.4	18.97	16.1	16.8	16.1	18.1	12.3	13.6	12.93	57	75	99	76.3
2	20.1	60.1	21.2	66.	20.0	61.7	14.7	59.7	61.4	60.27	23.2	13.7	—		19.3	22.1	17.2	19.53	16.1	17.5	16.2	11.3	12.1	11.8	11.70	68	61	68	64.0
3	19.1	62.4	21.1	67.4	19.7	62.4	62.2	61.1	62.1	61.80	22.3	13.4	—		16.6	21.5	17.6	18.57	15.6	17.9	16.8	12.4	12.8	12.8	12.67	89	67	85	80.3
4	19.0	62.7	21.0	67.5	20.4	61.6	62.5	61.0	61.2	61.57	22.7	13.1	—		18.5	21.5	18.7	19.57	15.7	18.5	16.3	10.1	11.4	12.2	11.23	64	59	76	68.0
5	19.1	62.7	19.4	66.3	19.5	61.3	62.3	61.0	62.1	61.73	23.8	15.6	—		18.5	16.2	17.4	17.37	14.6	15.7	14.3	10.0	12.3	9.8	11.70	63	88	63	71.3
6	19.3	62.2	21.7	69.9	20.6	61.6	61.4	60.9	61.3	61.37	23.4	13.7	11.6		19.1	24.8	19.2	21.03	16.1	17.7	17.7	11.2	12.3	13.9	12.47	65	64	83	70.7
7	19.6	63.3	19.2	64.2	18.3	61.6	60.2	61.0	61.5	60.90	21.3	14.4	—		17.1	17.8	17.8	17.57	15.6	16.5	16.8	11.8	12.9	11.9	12.20	78	54	90	80.7
8	19.1	60.4	22.2	69.5	21.0	61.1	60.4	59.8	60.6	60.27	25.2	15.1	—		20.1	23.8	20.6	21.50	15.8	15.1	15.4	10.7	11.4	10.1	10.60	61	55	55	57.0
9	20.2	66.3	22.7	69.4	21.7	64.9	60.6	60.7	60.3	60.53	24.9	15.3	Accidental		20.9	22.8	20.6	21.77	15.6	14.1	14.7	10.1	13.9	14.6	12.87	69	63	81	66.0
10	20.7	65.1	23.4	69.8	22.2	64.6	60.5	60.0	60.2	60.23	25.8	19.7	14.6		23.1	24.1	24.0	23.73	19.0	19.0	19.4	13.5	13.0	13.1	13.23	65	58	74	66.0
11	21.6	64.6	22.1	63.3	22.1	62.7	60.4	59.6	60.1	60.03	24.3	19.0	13.9		21.3	23.4	22.1	21.90	18.7	19.4	19.8	14.0	15.0	15.3	14.77	94	72	87	77.7
12	21.6	64.0	24.7	68.8	22.4	63.3	60.3	59.8	57.7	59.93	26.1	14.4	14.0		22.0	24.9	24.7	24.20	18.8	18.3	18.3	13.9	12.1	10.7	12.23	70	50	55	58.3
13	23.4	58.9	25.7	68.5	22.1	58.8	58.3	57.6	58.	58.03	24.9	19.1	14.9		21.7	23.7	23.0	22.80	19.4	20.3	18.2	14.7	15.3	14.2	14.73	74	70	84	76.0
14	19.4	59.5	21.6	68.8	20.1	59.0	59.0	58.1	56.7	58.60	22.3	11.7	—		18.3	21.5	18.2	19.33	17.8	15.3	15.7	14.0	13.4	12.9	13.43	90	70	94	84.7
15	19.0	59.7	20.3	67.7	18.8	58.4	58.4	58.4	58.3	58.70	21.1	14.7	—		16.5	20.4	17.1	18.43	15.6	16.2	15.8	11.4	11.1	12.3	11.60	81	62	86	77.7
16	18.9	66.1	19.1	68.1	17.7	62.3	61.9	60.9	62.3	62.03	19.7	12.5	—		16.4	18.4	18.2	17.67	14.6	15.7	14.9	11.1	9.0	9.2	9.77	81	57	60	66.0
17	15.2	64.8	15.6	65.4	14.4	66.7	65.1	62.8	63.0	63.50	17.1	8.4	6.1		12.1	9.6	11.1	10.80	9.4	7.7	6.0	5.6	7.1	4.9	5.87	54	72	49	58.3
18	13.2	68.9	14.6	69.	13.7	70.1	69.6	70.6	69.9	69.97	15.4	5.7	1.1		9.5	12.1	11.3	10.97	7.6	8.2	7.9	5.8	6.2	6.3	6.10	66	60	63	63.0
19	13.9	71.3	14.2	70.5	13.4	70.6	71.8	70.9	71.1	71.27	15.8	9.5	6.4		12.9	14.3	10.9	12.70	9.6	8.8	9.7	7.2	6.0	6.2	6.47	57	50	64	57.0
20	13.8	69.8	15.1	69.2	14.6	68.4	70.2	69.6	69.9	69.90	16.6	9.3	6.4		12.7	15.6	12.4	13.57	8.1	10.2	9.7	5.9	6.9	7.3	6.70	54	52	66	57.3
21	18.9	66.2	18.2	66.	15.4	65.8	67.3	66.4	67.0	66.90	18.7	10.4	5.8		13.8	13.8	17.0	14.87	9.4	10.3	10.4	6.3	6.1	7.2	6.53	54	41	50	48.3
22	15.7	62.2	16.2	66.	15.4	65.8	62.5	61.3	61.5	61.77	19.2	14.5	9.4		15.3	21.3	18.1	18.23	13.4	12.8	10.9	8.8	7.6	6.6	7.67	55	37	52	48.0
23	16.7	59.1	14.7	58.7	16.7	60.5	59.2	58.4	58.7	58.77	23.3	16.1	10.7		15.4	21.7	18.3	19.63	13.6	16.0	13.8	8.9	10.7	9.2	9.60	55	35	58	49.3
24	17.4	59.8	20.1	60.5	18.1	58.8	59.7	60.2	61.4	60.43	21.6	15.7	—		18.1	19.9	17.1	18.37	16.1	14.4	13.1	12.0	9.2	4.0	8.40	77	83	63	74.3
25	17.7	63.6	19.4	63.3	18.8	62.1	63.8	62.4	63.7	63.97	22.6	13.6	—		18.2	21.5	15.4	18.37	14.9	15.0	17.0	5.4	7.3	8.2	7.00	38	38	60	45.3
26	17.4	68.1	19.6	64.4	18.3	63.6	63.1	61.3	61.9	62.10	22.7	14.6	9.7		17.8	21.6	19.2	19.53	13.0	15.5	14.6	8.6	10.0	10.2	9.60	52	53	78	61.0
27	17.7	60.7	16.7	60.6	16.6	61.3	60.6	60.7	60.4	60.90	15.2	11.7	—		16.7	13.2	16.1	15.33	13.8	13.0	12.6	10.0	11.0	8.9	9.97	74	94	66	78.0
28	14.8	60.0	16.4	60.0	13.6	57.2	60.4	60.1	57.5	59.33	17.7	12.8	—		13.2	17.1	14.5	14.93	12.7	12.7	11.3	10.6	8.6	8.2	9.13	96	60	64	73.3
29	14.6	61.3	15.4	61.0	13.3	60.1	61.7	62.2	61.7	61.87	16.3	10.6	—		13.5	14.4	13.5	13.83	8.2	9.1	7.3	5.8	6.1	5.0	5.77	52	52	62	55.3
30	13.6	61.3	13.9	60.8	12.4	60.4	61.4	60.6	60.3	60.77	14.4	7.5	7.7		12.4	13.6	10.0	12.13	7.7	9.5	8.9	5.8	5.3	5.7	5.60	54	45	64	54.3
31																												
Sums 1–5							304.0	300.3	304.8	303.04	116.2	77.5	—		94.4	108.5	87.2	96.50				55.3	61.0	60.0	58.77	68	68	89	75.0
„ 6–10							311.0	309.4	311.9	310.77	121.1	84.3	26.0		101.6	111.1	97.4	103.36				57.3	64.2	66.1	62.53	78	66	83	75.7
„ 10–15							301.0	294.5	295.0	296.83	116.7	82.9	42.3		96.2	113.6	96.1	101.30				65.5	66.4	66.6	66.17	94	82.4	80.4	85.6
„ 16–20							338.4	336.7	340.0	338.37	122.7	91.7	46.5		83.6	89.6	84.9	86.03				85.6	85.1	83.1	84.60	96	80.1	80.5	85.4
„ 21–25							342.5	340.7	341.9	341.70	15.0	70.8	45.9		85.6	113.2	86.0	94.90				64.1	60.5	64.3	62.97	84	73.4	77.3	78.0
„ 26–31							307.7	303.9	304.2	305.27	94.3	57.2	27.0		73.4	77.4	72.2	74.33				40.8	41.4	39.0	40.07	56	59.9	59.2	58.4
Total Sums							1874.6				678.0	474.4	248.1		578.8	538.9	506	541.23				336	309.1	341	328.37	45	43.2	48.2	45.5
Means							312.4	310.75	312.48	311.87	113.00	79.07	41.35		96.47	89.82	84.33	90.21				56.00	51.52	56.83	54.78	7.5	7.2	8.0	7.6

Barometer Maximum 77x1.8 on 19. 8½ A
„ Minimum 757.6 on 13
Thermometer Maximum 26.1 on 12
„ Minimum 5.7 on 18
Highest Temp. in Sun on
Lowest „ on Grass 1.1 on 09
Rainfall Maximum 1.675 on 14

24 **No. of days with:**
rain ....14....
thunderstorms ....1....
fog .....
gale ....1....

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W	N
8½ A.M	4	1	1	7	1	7	1	
2½ P.M	1	5	3	1	—	17	1	
8½ P.M	1	5	—	10	—	13	—	
Totals	2	11	4	18	1	37	2	

.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.
8½	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.	5½ P.M.	
18.6	12.13		57	73	99	76.3	7 cu		10 cu-nim		10 Nim		9.0	SW 2	SW 1	SW		Calm	0.120	0.790	0.840					
11.8	11.70		63	61	68	64.0	7 cu	SW	3 cu		10 Nim		6	0	SW 1	SW		"	0.105	0.15	0.210					
12.8	12.67		89	67	85	80.3	10 cu		6 cu	SW	10 Cu-Nim	SW	8.	0	SW 2	SW		V. Slight	0.300	0.050	0.350					
12.2	11.57		69	59	76	68.0	1 cu		3 cu	SW	4 cu	SE 2	2	0	NW 1	SE		Calm	c 0.05	—	0.05					
							9 cu-nim				0		6.0	0	SE 2	SE		"	—	0.048	0.048					
9.3	11.20		83	55	63	67.3	9 cu		3 cu	SW	10 Nim		5	0	SW 2	SE		"								
13.9	12.12		65	60	83	70.7	2 cu	SW	10 nim		10 Nim		9	SE 1	SW 2	SW		V. Slight	1.020	0.534	1.554					
11.9	12.20		78	76	90	81.7	4 cu	SW	2 cu-nim		0		1.0	0	NE 2	SE		"	0.015	—	0.015					
10.1	10.90		61	55	55	57.0												Calm								
14.6	12.87		67	63	81	66.0	1 cu-st		0		0			0	NE 2	SE		"								
11.3	11.05		61	52	84	66.0	0		0		0			0	E 0	0		"								
16.3	14.50		94	72	87	77.7	0		0		2 cu-st		0.7	0	NE 2	NE		"								
10.7	12.22		70	50	55	58.3	0		5 cu-nim	SW	6 cu-st		4.3	0	SE 2	SE		V. slight								
13.2	13.23		76	70	82	76.0	2 cu		2 cu		2 cu		4.7	SW 2	SW 2	SW		Calm								
14.4	13.43		90	70	94	84.7	8 cu-st		8 cu	SW	10 Nim		8.7	SW 2	SW 1	SE		"	0.460	1.275	1.625		TS	TS		☾ heavy dr 8 h
12.5	12.63		83	62	86	77.7	6 cu	SW	3 cu		9 Nim		4.7	N 2	SW 1	SW		"	0.535	0.150	0.715					TS last night
13.2	13.42		80	57	60	65.7	8 cu		9 cu		6 cu		7	SE 2	SW 3	SW		Slight	0.210		0.235					
11.8	11.37		56	52	69	59.0	7 cu	SW	9 cu-nim	SW	10 cu-st		9	NW 4	NW 2	N		V. cloud	—	0.040	0.040			☾		
12.8	12.47		66	60	69	64.3	4 cu		7 cu-cu	NW	5 cu		4	SE 2	N 3	NE		Slight								
10.2	11.30		66	60	63	63.0	1 cu	NE	1 cu		0		2	NE 2	NE 4	SE		V. Slight								
7.8	9.33		54	52	66	57.3	5 cu	NE	0		0			E 1	SW 2	NE		Calm								
7.2	9.17		56	41	50	49.3	0		1 St		3 St		1.7	SE 1	E 1	NE		"								rather foggy this
6.6	9.53		55	37	52	48.3	1 St		8 cu-st		7 cu-st		8.7	SE 1	NE 2	SE		V. Slight								
9.2	9.90		55	35	58	49.7	9 cu-st		3 cu-cu		0		4.3	0	E 1	SE		"								rather foggy E. ☾
9.0	10.07		77	53	63	64.3	10 cu-st		0		0		4.3	SW 1	SW 3	SW		"								☾ Lowlands ? rather Radiation ?
8.2	7.87		60	38	60	52.7	9 cu	SW	0		0			SE	SW 4	SW		"								
10.2	9.60		57	53	78	60.0	0		0		1 cu		0.3	SE 2	SW 4	SW		Slight	0.350	0.557	0.907					4 now then
8.9	9.93		71	94	66	78.7	7 cu-nim		9 cu-cu	SW	5 cu		7.7	SW 1	SW 1	SW		Slight	0.48	0.65	0.85	0.870				TS ☾ heavy dr night
9.2	9.93		90	60	64	72.7	9 cu-nim	SW	7 cu		6 cu	SW	7.3	SW 3	SW 4	SW		Slight	0.055		0.055					strong wind at night
5.0	5.77		50	52	42	48.0	8 cu	SW	10 Nim		9 cu		9	W 2	NE 3	NE										
5.7	6.60		64	45	60	53.0	0 cu-st																			
6.00	5.77		348	348	349	348.3	34		31		34		33								1.483					
6.61	6.25		323	366	393	360.7	12		15		20		15.7								1.584					
6.66	7.38		345	324	404	357.7	21		18		24		22.3								0.390					
8.31	9.68		319	301	305	308.3	22		26		21		22.3								0.315					
10.3	9.44		311	324	273	302.7	24		12		19		18								—					
9.0	9.07		326	309	302	312.3	33		38		30		31								2.078					
							45		135		141		140								7.84					
0.14	3.43		5	19.2	20.85	19.02																				
			0.5	1.6	1.4	1.17			4.50				4.83													

Number of Daily Wind Observations.							
	SE	S	SW	W	NW	Calm	Totals
	7	1	7	1	1	11	30
	1	—	17	1	2	—	31
	10	—	13	—	—	1	30
	18	1	37	2	3	12	93

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

BA

OBSERVER.

TO Weather Bureau Dept of Agricul
Washington

METEOROLOGICAL F

THE OBSERVATORY, SYRIAN PROTESTANT

LAT. 33° 54 22" N.

LONG. E. FROM GREENWICH 35° 28

Year 1908

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	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	11.1	765.5	12.8	765.4	12.1	766.4	766.4	766.0	767.7	766.70	13.7	6.4	—		8.2	12.2	10.4	10.13	6.0	9.8	7.2	5.9	6.4	6.3	6.20	73	65	68	68.6
2	11.7	68.1	13.7	68.3	12.4	69.1	68.9	68.8	69.3	69.00	15.8	8.2	4.2		10.8	13.9	10.5	11.77	7.2	8.5	7.5	5.9	5.9	6.3	6.03	61	50	66	59
3	11.9	69.2	13.6	67.9	13.0	68.1	70.0	68.5	67.2	69.10	16.3	9.2	4.4		11.5	14.9	12.7	13.03	7.7	11.4	9.4	6.0	8.7	7.7	7.47	66	68	71	68.3
4	12.8	65.0	15.5	63.1	14.3	63.0	66.3	63.8	63.1	64.47	17.8	10.7	6.8		12.9	16.1	15.4	14.80	9.1	12.2	10.4	6.7	8.5	7.0	7.40	61	62	54	59.0
5	13.8	62.0	15.8	61.4	14.2	61.2	62.8	61.6	61.7	61.93	17.5	11.2	6.5		13.0	16.4	14.9	14.80	8.0	10.6	7.2	8.0	6.7	5.9	6.87	67	48	57	57.3
6	13.9	61.4	14.4	60.3	12.2	60.5	61.5	60.8	61.2	61.17	16.6	10.7	—		13.1	17.2	15.7	13.61	9.7	12.1	10.1	9.7	10.1	8.5	9.43	84	100	64	82.6
7	13.8	61.8	14.9	60.9	14.0	59.7	62.4	61.3	61.2	61.63	15.7	11.0	—		12.2	14.5	12.7	13.13	8.4	11.4	10.7	8.4	8.4	8.7	8.50	74	69	77	73.3
8	14.0	58.8	14.0	57.4	12.7	57.2	59.3	57.9	57.4	58.20	15.2	10.6	—		13.6	13.1	11.8	12.93	9.1	11.2	9.4	9.1	8.7	7.9	8.43	78	75	72	75.0
9	11.1	57.8	12.1	57.8	11.3	62.0	58.7	60.6	62.9	60.73	13.2	4.7	—		10.3	11.7	11.0	11.00	6.4	8.8	8.3	5.9	6.9	6.8	6.53	63	67	70	66.7
10	11.6	64.1	12.8	63.1	12.3	64.4	65.0	63.6	65.1	64.57	15.2	8.3	—		9.8	14.2	12.2	12.07	9.4	11.2	10.1	8.5	7.8	8.8	8.37	94	69	76	79.7
11	12.1	65.6	14.3	66.1	13.3	66.7	66.7	66.6	67.3	66.87	17.1	8.9	—		11.7	15.6	14.9	14.07	9.5	11.4	11.9	6.1	5.1	7.1	6.10	76	58	64	66.0
12	13.4	63.1	14.8	62.3	13.4	64.2	63.7	62.6	64.6	63.63	17.8	11.7	—		16.1	16.7	12.4	15.07	9.7	12.2	9.1	8.3	8.5	7.2	8.00	76	69	77	74.0
13	12.8	66.5	15.6	66.9	14.2	65.7	67.2	66.2	66.2	66.53	17.6	10.7	6.0		13.4	16.6	14.4	14.73	10.8	12.4	12.1	9.3	9.4	8.7	9.13	93	71	68	77.3
14	13.8	61.5	15.7	60.5	16.6	61.2	62.3	60.7	61.8	61.60	20.3	12.4	7.9		14.7	16.3	16.6	16.53	12.4	14.5	12.6	9.7	10.2	10.1	10.00	97	100	84	93.7
15	12.5	60.6	14.4	60.6	14.1	61.7	62.1	61.1	62.2	61.80	17.3	11.2	—		11.3	11.6	13.9	12.27	11.1	11.6	12.1	9.0	9.4	9.8	9.40	78	67	85	76.7
16	13.9	63.5	15.4	64.0	15.9	64.9	64.1	64.2	65.3	64.53	17.7	11.8	—		13.4	16.6	13.4	14.47	11.3	13.3	12.2	9.8	10.1	12.3	10.73	96	71	84	83.7
17	14.4	65.5	15.4	64.9	14.4	65.2	65.6	65.2	65.6	65.47	18.1	11.4	—		14.5	17.2	13.6	15.10	12.7	14.3	12.5	8.5	9.1	9.7	9.10	74	61	77	70.7
18	13.3	66.2	15.6	63.7	14.7	64.1	65.8	64.0	64.5	64.77	18.1	11.8	7.8		13.5	17.2	14.1	15.13	10.9	13.0	12.1	9.1	11.4	10.0	10.17	92	74	72	79.3
19	13.9	66.2	15.6	63.9	14.7	64.1	63.9	62.8	64.4	63.70	20.8	13.9	10.6		14.8	18.6	15.4	14.27	12.2	15.7	13.1	9.1	13.4	9.7	10.73	79	64	73	72.0
20	14.6	63.4	17.5	62.8	16.1	64.2	64.8	63.8	63.7	64.10	19.7	15.6	9.4		15.5	18.6	15.3	16.47	12.8	14.9	12.1	6.4	11.7	8.8	9.00	59	77	70	68.7
21	15.5	64.5	17.3	63.4	16.4	63.1	63.1	62.1	62.3	62.50	19.4	12.9	—		14.1	17.8	14.9	15.60	9.9	15.6	11.9	9.0	14.7	10.4	11.37	70	77	85	77.3
22	15.5	62.8	17.4	62.1	16.1	62.1	63.7	63.3	63.9	63.63	19.2	14.7	8.9		14.7	17.8	14.3	15.60	12.4	15.6	13.1	10.5	9.6	9.3	9.80	96	77	85	86.0
23	15.6	61.4	17.7	63.4	14.4	63.1	64.3	63.5	63.9	63.90	18.3	12.5	8.5		13.7	17.1	13.6	14.80	12.8	13.6	11.9	8.4	8.8	9.1	8.77	90	67	80	79.0
24	15.6	60.0	16.9	63.1	15.6	63.6	63.6	62.2	63.6	63.13	17.5	11.1	9.0		12.4	16.5	11.6	13.50	10.9	12.7	10.8	7.8	8.9	9.6	8.77	72	63	94	76.3
25	14.3	63.3	16.7	62.1	15.4	63.6	63.5	62.8	63.0	63.10	17.2	10.4	—		12.4	15.9	12.4	13.57	10.0	12.6	11.4	8.4	9.1	9.4	8.97	93	66	97	85.3
26	14.5	63.8	15.0	64.2	14.4	64.6	62.2	61.0	62.0	61.73	17.1	7.1	—		12.8	15.7	13.6	14.47	12.8	12.6	11.9	8.2	8.4	10.1	8.90	96	64	82	80.7
27	14.3	58.9	15.6	61.7	14.9	59.7	64.0	62.0	62.0	62.67	15.3	10.3	—		13.2	17.3	14.8	15.10	10.6	12.7	13.1	8.5	7.5	8.4	8.13	94	57	81	77.3
28	14.0	58.1	13.4	58.0	13.7	59.7	58.9	58.6	60.3	59.27	16.4	7.2	—		12.9	17.1	14.0	14.67	10.9	9.1	9.4	9.2	7.7	9.3	8.73	94	85	84	87.7
29	13.3	62.6	15.0	62.2	14.6	62.7	62.9	62.5	63.9	62.77	18.4	10.7	—		14.1	17.6	14.5	15.40	11.5	13.7	12.1	8.3	7.1	6.1	7.17	89	63	72	74.7
30	14.3	64.2	16.3	57.0	15.0	57.9	60.5	58.2	58.3	58.97	17.8	13.3	—		15.1	16.7	15.9	15.90	11.4	13.7	9.7	11.7	9.5	8.9	10.03	92	62	54	69.3
31	14.9	62.5	16.7	64.0	15.6	65.4	62.8	64.9	65.6	64.43	18.4	12.8	13.8		15.3	16.9	15.9	16.03	14.3	13.4	11.7	12.5	13.5	12.2	12.73	96	82	75	84.3
Sums 1–5							334.1	328.5	331.5	331.37	81.1	45.5	21.9		57.3	73.5	60.5	63.76				32.5	33.7	33.6	33.27	324	293	316	311.0
„ 6–10							306.9	306.4	303.2	305.50	77.2	44.3	—		59.0	65.9	63.4	62.76				41.6	42.7	39.5	41.27	160	376	354	296.7
„ 10–15							324.0	317.2	322.1	321.10	80.0	54.9	15.9		67.2	78.8	71.8	72.60				42.9	44.5	43.9	43.77	336	340	361	345.7
„ 16–20							324.5	324.7	323.5	322.90	79.7	62.5	27.8		68.7	88.2	72.4	77.30				45.9	50.8	49.2	48.63	337	401	416	384.7
„ 21–25							318.2	313.6	316.1	315.96	91.1	59.4	26.4		83.7	93.8	82.8	86.77				42.6	50.8	47.1	46.83	363	350	416	376.3
„ 26–31							287.3	305.4	309.3	300.67	106.9	65.4	13.8									54.5	54.6	58.2	55.77	422	411	422	418.3
Total	Sums						1976.0	1948.8	1968.4	1964.37	544.5	332.4	103.8		807.2	487.3	414.6	1809.35				260.9	276.9	270.3	269.37	2153	2211	2304	2222.7
	Means						763.71	762.86	763.34	763.30	17.44	10.72	7.48		13.04	15.82	13.44	14.43				8.39	8.93	8.72	8.68	69.5	71.3	74.3	71.7

Barometer	**Maximum**	770.0	**on** 3
„	**Minimum**	757.2	**on** 30
Thermometer	**Maximum**	20.6	**on** 19
„	**Minimum**	4°7	**on** 9
Highest Temp.	**in Sun**		**on**
Lowest „	**on Grass**	4°2	**on** 2
Rainfall	**Maximum**	2.608in	**on** 28

No. of days with:	
rain	14
thunderstorms	3
fog	
gale	

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W
8½ A.M	—	2	—	20	—	7	—
2½ P.M	1	6	—	2	—	19	—
8½ P.M	—	6	1	11	1	11	—
Totals	1	14	1	33		37	

LOGICAL REGISTER;

AN 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						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.	
6.4	6.0	6.33	71	65	68	68	3 cu		6 cu	N	7 cu	SW	6	NE 1	NE 2	NE 1		Moderate									
5.9	6.3	6.6	66	50	66	59	9 cu		2 cu	SW	3 cu	SW	2	SE 1	SW 1	SE 2		Calm	0.050	—	0.050						⌒ 7½ A.
8.7	7.7	7.4	66	68	71	66	9 cu-st		8 cu		10 cu		9	SE 1	SW 1	SW 1		"									
8.5	7.4	7.9	68	62	54	59	6 cu	SW	9 cu-st		9 cu		9	SE 1	NE 2	NE 2		"									
8.7	8.5	8.6	68	67	58	63	10 cu-nim				7 cu	SW	6	SE 1	SW 1			"									
10.1	8.9	9.5	84	80	64	83	2 Cu		0									"									
8.4	8.7	8.55	72	66	77	74	10 cu-nim		10 Nim		10 cu-st	SW	10	0	SW 2	SW 3		"	0.250	0.755	1.005						⌒ 7½ A to 8½ A
8.7	7.6	8.15	78	75	72	75	10 cu-nim		10 cu-nim	SW	10 Cu-st		7	SE 2	SW 3	SW 2		Slight	0.900	0.180	1.080						
6.9	6.8	6.85	65	69	67	67	7 cu-nim	SW	10 cu	SW	10 cu-nim	SW	10	SW 2	SW 1	SW 1		Slight	0.593	0.468	1.061						
8.2	8.0	8.1	90	69	76	79	10 cu-nim		9 cu	SW	10 Nim		8	SW 2	SW 1	SW 1		rough	0.352	—	0.352						⌒ 3 P. 0 few fr. NW × Nim
7.8	8.6	8.20	76	69	74	69	1 cu											rough									
10.5	7.1	7.8	76	48	58	66	10 cu-st		10 cu-nim		10 Nim		10	SW 2	SW 3	SW 3		rough	0.330	0.040	0.370						
8.5	7.2	7.85	86	68	56	56	7 cu		8 cu-st		10 cu-st		6	SE 1	SW 2	N 3		Calm	0.262	—	0.262						⌒ 8 A.
8.5	7.2	7.85	86	76	60	77	0		10 Cu-st Nim		0		3	NE 1	NE 1	NE 2		Slight									
8.4	8.7	8.55	93	76	62	66	10 nim		0		0		2	SE 1	NE 2	SE 1		Calm							Open		
7.9	10.2	10.05	97	80	84	93	9 cu	SW	10 nim		1 cu-st		0	0	NE 3	SW 3		Slight									
9.4	9.8	9.60	78	67	85	76	10 cu	SW	9 cu-nim		5 cu		8	SE 1	SW 2	SW 3		"	0.990	0.684	1.674				4		
10.1	10.3	10.20	78	71	84	78	9 cu		7 cu		7 cu		8	SE 1	NE 2	NE 1		"	0.125	0.015	0.140						
9.1	9.7	9.40	78	61	77	70	9 cu		6 cu-st		6 cu-st		6	SW 1	NE 2	SE 2		Calm									⌒ few fm. NE clearing off P.
2 cu-nim			2 cu-nim		9 cu-st	SW	9 cu-st		9 cu-st		9	SE 1	NE 2	SW 1		"									
11.4	9.0	10.20	92	72	72	79	0		0		2 cu		1	SE 1	SW 2	SE 1		Slight									
12.4	9.1	10.75	71	66	73	70	2 cu-nim		0		0		0	SE 2	SW 1	0		Slight									
11.7	8.8	9.25	93	50	77	70	0											Slight									
11.7	10.4	10.35	71	77	85	78	8 cu	SW	1 St		2 cu-st		1	SW 1	SE 2	SE 1		Calm									
9.6	9.3	9.45	90	67	80	79	1 cu		2 cu	SW	1 cu		1	SE 1	SW 1	SE 1		"									
8.8	9.4	9.10	87	63	90	75	1 cu		3 cu		1 cu		4	SW 2	SW 1	SE 1		"									⌒ few fm. NW clear off 6-10 A
8.9	9.2	9.05	87	66	91	76	9 cu	SW	3 cu		10 Nim		6	SE 1	SW 1	SE 2		"	—	0.530	0.530						0 TS / lightning SW between 7½ P.
3 cu	W		9 cu-nim		9 cu-nim		5 cu		5 cu		5	SE 2	SW 1	SE 1		"	0.020	0.115	0.135						0 clear NW × 11 cu
8.4	10.1	9.25	69	69	82	73	10 cu-nim		10 cu-nim		3 cu		7	SW 2	SW 2	SE 3		Slight	0.305	0.018	0.323				TS		
10 nim			10 cu-nim	SW	4 cu		0						1	SE 1	SE 2	ENE 2		Slight	0.493	—	0.493						
8.5	8.4	8.45	91	57	81	76	4 cu		9 cu-nim	SW	10 cu-nim	SW	10	SE 2	SW 2	SE 2		"	0.415	2.550	2.965						0 TS / lightning SW between 11-12 mn. NE 12 mn-1 A.M. 2-15 mn
9.7	9.3	9.50	85	65	84	78	9 cu-nim	SW	3 cu	SW	3 cu		3	SE 1	N 2	S 1		Slight									⌒ Lunar Rainbow last night 9 P.M. in E
9.1	9.1	9.10	89	63	72	75	9 cu-nim	SW	0		2 cu-nim	SW	3	SW 2	SW 3	SW 2		"									
7.8	8.5	8.15	89	68	54	70	3 cu		10 cu	SW	7 cu-st		8			SW 1		Slight									
33.7	33.1	33.40	322	293	318	310	3		25		36		31								0.050						
9.7	9.5	9.60	111	100	87	99	4		28		49		40								0.095						
14.5	13.9	14.20	134	130	134	133	0		30		28		29								1.936						
9.8	9.2	9.50	128	80	130	113	1		24		20		24								0.140						
10.5	9.2	9.85	114	83	104	100	3		14		14		16								0.685						
11.5	9.6	10.55	126	76	122	108	4		33		25		31								3.121						
236.9			2603		2211		60		477		466		1762								10.330						
9.03			84.2		74.3		6.0		5.7		5.4		5.6														

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
—	20	—	7	—	—	2	29
—	2	—	19	—	2	1	24
1	11	1	11	—	—	1	31
1	33		37	—	2	4	93

No. and make of:

Barometer	
Thermometers Dry and Wet	
Maximum	
Minimum	
Rain gauge	

M. A. S. Khuri

OBSERVER.