TO Dept. of Agriculture
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

Year 1911

Month January

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	16.1	764.6	18.3	764.3	16.6	765	764.0	764.2	765	576457			11.1		16.1	18.4	14.2	16.23	12.4	15.8	12.0	8.8	10.3	9.2	9.4	64	66	77	69.0
2	15.0	64.7	16.7	61.5	16.6	61.5	62.0	61.6	61.7	61.77			9.4		14.4	18.8	14.9	16.03	11.0	12.6	10.9	8.0	7.8	7.3	7.70	65	47	59	57.0
3	14.4	61.3	12.7	60.6	16.7	60.3	61.5	60.7	60.7	60.87			9.4		14.9	17.4	14.4	15.57	12.1	14.0	12.3	9.0	9.9	9.3	9.40	78	86	76	79.0
4	16.1	63.1	16.7	64.0	15.7	65.5	63.8	64.1	65.9	64.63			8.3		13.4	16.7	14.4	14.83	10.6	12.3	11.6	8.0	8.3	8.6	8.30	69	59	71	66.3
5	15.0	67.9	16.3	66.9	15.7	67.4	68.4	66.7	67.7	67.62			9.9		12.6	17.2	14.9	14.90	8.5	11.2	10.6	6.3	7.0	7.4	6.90	59	47	58	54.7
6	14.1	65.9	16.2	63.8	16.3	64.2	66.4	64.0	64.4	64.93			9.9		13.3	17.1	12.8	14.40	8.0	12.3	9.9	5.9	8.1	7.6	7.20	51	56	69	58.7
7	13.1	63.4	15.4	63.8	14.4	64.9	64.0	64.1	65.3	64.47			7.8		12.2	15.9	12.4	13.50	7.8	10.1	8.9	5.9	9.1	6.8	7.27	55	49	63	55.7
8	12.8	65.1	15.1	65.4	15.0	65.0	66.4	65.0	65.4	65.60			6.7		11.7	16.1	12.7	13.50	7.4	11.1	9.4	5.8	9.7	7.1	6.87	57	54	65	58.7
9	13.2	64.3	14.6	63.5	13.8	63.9	64.9	63.0	64.4	64.33			7.2		12.1	14.8	13.8	13.57	7.8	9.4	8.3	6.0	6.3	5.8	6.03	57	51	49	52.3
10	12.2	63.9	14.5	62.5	13.7	62.4	64.9	62.9	63.1	63.57			5.7		9.4	12.9	9.9	10.73	6.8	7.8	6.7	6.1	5.7	5.6	5.80	68	58	62	62.7
11	12.2	60.7	13.3	59.1	13.2	59.7	61.4	59.7	60.3	60.47			7.2		11.1	13.6	12.5	12.40	5.6	9.4	7.9	4.6	6.8	5.8	5.73	46	59	57	53.0
12	12.6	60.5	14.3	59.7	14.3	59.5	61.2	60.2	58.9	60.43			8.9		12.2	16.1	13.8	14.03	7.6	10.7	9.9	5.8	7.0	7.2	6.63	54	51	62	55.7
13	14.2	53.8	16.8	50.7	15.6	53.0	54.5	50.9	53.3	52.90			8.4		14.6	17.8	14.1	15.53	13.7	15.1	13.4	11.1	11.0	14.3	12.13	89	72	92	84.3
14	14.9	56.9	15.5	60.0	14.4	61.6	62.2	60.3	62.0	58.17			10.7		14.9	14.4	13.1	14.13	13.3	10.5	7.9	10.4	7.5	5.7	7.87	84	61	57	67.3
15	14.9	61.9	15.6	60.9	15.3	59.4	62.6	61.1	59.8	61.17			10.0		12.3	16.6	13.3	14.07	9.9	12.1	11.6	7.7	8.2	14.3	10.07	73	58	81	70.7
16	14.4	58.5	14.7	58.4	13.9	58.7	59.0	58.9	60.2	59.37			10.5		14.9	13.3	11.6	13.27	10.5	9.9	7.8	7.3	7.5	6.1	6.97	58	65	59	60.7
17	11.1	62.6	11.2	64.0	9.6	64.7	64.1	64.9	65.8	64.93			7.8		8.3	7.7	7.2	7.73	4.4	7.8	12.9	4.6	3.7	3.9	4.07	56	59	50	55.0
18	8.4	64.6	8.1	51.6	10.5	60.2	55.7	62.7	61.3	63.23			3.9		8.4	9.4	9.3	9.03	3.3	4.8	4.8	3.8	4.6	4.5	4.20	47	53	53	51.0
19	9.5	58.1	11.5	57.5	10.6	57.0	59.8	58.2	58.0	58.67			8.3		8.0	11.1	8.3	9.13	4.4	7.6	6.1	4.7	6.1	5.9	5.57	59	62	73	64.7
20	9.5	54.3	10.0	53.8	8.3	56.5	55.5	54.4	52.9	54.93			7.4		7.1	9.4	7.4	7.13	6.8	4.3	3.1	7.0	4.8	5.4	5.73	88	48	81	72.0
21	8.3	60.2	9.8	60.8	9.1	60.9	61.5	62.0	61.0	62.83			10.4	2.6	6.1	8.3	7.2	7.20	3.2	4.8	4.4	4.6	4.9	5.0	4.80	65	60	66	63.7
22	8.4	59.6	9.3	59.6	8.3	61.9	60.9	60.6	63.4	61.63			9.8	4.6	7.7	7.9	7.2	7.60	5.5	7.2	5.7	5.7	7.2	6.0	6.30	76	92	77	81.3
23	7.2	64.8	9.1	64.6	8.3	64.5	66.9	65.8	65.7	65.97			10.0	4.6	8.7	10.2	6.7	8.53	3.3	4.8	3.3	3.8	4.3	4.4	4.17	45	48	59	50.7
24	8.2	61.3	11.1	59.7	10.1	58.0	62.4	60.7	59.1	60.73			14.4	5.4	8.3	12.7	11.6	10.87	5.2	7.8	7.2	5.2	5.7	5.6	5.17	64	52	55	57.0
25	10.6	56.9	12.6	56.7	10.4	59.0	58.8	57.4	60.1	58.93			14.2	6.2	5.6	12.2	13.3	8.4	11.30	8.3	8.8	7.0	8.7	8.7	8.47	96	66	82	81.3
26	9.3	59.3	10.0	59.1	8.9	61.6	60.5	60.3	63.1	61.30			11.3	6.1	3.9	8.7	8.7	7.7	8.37	5.8	5.2	5.1	5.8	5.1	5.4	5.43	78	60	68	68.7
27	8.7	59.8	8.8	58.0	8.9	59.6	58.5	59.2	59.8	59.17			13.3	5.3	2.8	7.7	7.2	10.7	8.53	7.6	6.5	6.7	7.5	6.8	7.5	6.60	63	90	57	70.0
28	10.1	55.5	10.4	55.9	8.3	56.6	56.5	57.0	57.8	57.10			13.2	5.0	3.6	12.1	9.9	6.1	9.37	8.4	6.1	5.0	6.5	5.3	6.0	5.93	81	58	85	74.7
29	6.1	61.6	8.4	62.4	7.8	62.7	63.2	63.6	64.2	63.67			11.8	3.6	0.9	9.3	8.6	5.6	5.83	7.4	5.2	4.2	5.0	5.1	4.0	4.70	85	67	79	77.0
30	8.9	56.8	10.0	56.3	11.6	56.8	57.9	57.4	57.6	57.63			13.8	2.2	2.2	11.7	13.0	12.7	12.47	8.9	12.5	12.6	7.1	10.5	10.6	9.40	89	95	94	92.7
31	10.7	58.9	11.3	61.2	11.1	63.2	59.9	62.6	64.7	62.20			14.3	8.9	8.2	12.8	10.5	12.0	11.77	8.3	8.4	7.7	6.1	12.2	5.9	8.07	76	96	56	76.0
Sums 1–5							319.8	317.3	324.2	319.94			92.8	59.9	41.81		71.4	88.5	72.8	77.56				40.1	43.3	41.8	41.73	328	285	341	318.0
„ 6–10							326.4	320.8	322.6	323.93			81.4	49.9	37.3		58.7	76.8	61.6	65.70				29.7	36.9	32.9	33.17	238	261	308	269.0
„ 11–15							299.9	292.2	295.3	329.14			92.1	59.7	45.7		65.1	78.6	66.8	70.16				39.6	40.5	42.3	42.13	344	301	340	328.4
„ 16–20							304.1	299.1	303.4	302.20			59.6	31.6	26.8		47.2	50.9	40.8	41.39				27.4	26.1	25.5	26.34	310	298	318	308.7
„ 21–25							298.0	302.5	310.3	308.27			59.2	22.4	14.4		43.0	51.7	41.1	45.50				25.5	28.5	29.5	27.83	314	306	341	320.3
„ 26–31							286.5	286.1	286.6	286.40			27.7	28.1	19.8		44.3	52.9	54.3	50.54				38.0	45.0	32.4	38.47	446	444	446	445.3
Total Sums							1910.7	1896.0	1918.9	1907.20			551.8	292.1	192.1		345.5	405.1	332.9	361.16				200.3	222.8	212.6	211.91	2488	2380	2603	2490.3
Means							318.5	316.0	319.8	317.95			91.9	48.7	32.0		57.6	67.5	55.5	60.19				33.4	37.1	35.4	35.30	414	396	433	414.5

Barometer	**Maximum**	768.4	on 5,
„	**Minimum**	750.9	on 13
Thermometer	**Maximum**	24.9	on 15
„	**Minimum**	0.6	on 29
Highest Temp. in Sun			on
Lowest „ on Grass		-0.9	on 29
Rainfall	**Maximum**		on

8½ a.m.
2½

No. of days with:

rain	14
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W	N
8½ A.M	5	8	4	3	1	4	1	-
2½ P.M	4	6	2	1	-	8	7	-
8½ P.M	1	15	2	4	1	7	1	-
Totals	10	29	8	8	2	23	9	-

.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.
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.	
0.3	9.2	9.47	64	66	77	69.0	0		6 cu		0		2.0	SW2	SW2	SW1		calm									
7.8	7.3	7.70	65	77	59	67.0	0		0		0		0	E1	NE2	SE1		slight									
9.9	9.3	9.40	76	66	76	71.0	0		9 cu		0		3.0	NE1	S-W1	SE1		slight									
8.3	8.6	8.34	69	57	71	66.3	0		0		0		0	NE1	NE1	NE1		calm		0.13	0.13						
7.0	7.4	6.90	59	47	58	54.7	0		0		0		0	NE1	NW1	NE1		"									
8.1	9.6	9.24	51	46	69	58.7	0		0		0		0	NW1	0	SE1		"									
9.1	6.8	7.27	55	49	63	55.7	0		0		0		0	S1	W1	SE1		"									
7.7	7.1	6.87	57	54	65	58.7	9 cu st		9 cu st		10 cu cu		6.3	SE1	SW1	S1		"									
7.3	5.8	6.03	57	51	49	52.3	0		0		0		0	E1	W1	NE3		slight									
6.7	5.6	5.84	68	57	62	60.3	1 cu		1 cu		1 cu st		0.7	NE1	W4	NE2		slight									
7.8	5.8	5.73	46	59	59	53.0	10 cu st		10 cu		10 cu		10.0	SE1	NE2	NE1		calm									
7.0	7.2	6.83	54	51	62	55.7	8 cu		9 cu		10 cu		9.0	E1	E1	E1		"									
10.0	14.3	12.13	89	72	92	84.3	10 cu		10 cu		10 nimb		10.0	NE4	SW6	SW6		mod	0.05	0.45	0.50						Bar. 748.9 at 1 pm.
8.5	9.7	7.83	82	61	71	64.7	6 cu		3 cu		2 cu		3.7	SW6	W3	NE2		strong	0.15		0.15						Strong winds all day long
9.2	14.3	12.07	73	58	81	70.7	10 cu		7 cu		10 cu		9.0	SW2	SW1	SW2		slight	0.25		0.25						" " " "
5.5	6.7	6.27	58	65	59	60.7	6 cu		6 cu		10 cu		8.7	SW2	SW6	N3		mod	0.06		0.06						" " " "
7.9	7.8	6.07	55	50	50	52.0	10 cu		2 cu		0		4.0	NE6	NE4	NE5		strong									
7.6	9.5	8.30	47	43	59	50.7	0		3 cu st		3 cu		3.0	NE1	NE1	NE3		slight									
9.1	8.9	8.57	59	62	73	64.7	10 cu		9 cu		10 cu		9.0	NW1	W3	NE2		calm									
9.2	8.9	8.43	84	78	87	83.0	10 cu		8 cu		0		5.3	W7	W7	NE5		mod	0.70		0.70						
9.9	5.0	4.80	65	60	66	63.7	10 cu		6 cu		5 cu		5.7	W2	N2	NE1		slight	0.08		0.08						
7.2	6.0	5.30	76	72	79	82.3	10 cu		10 cu		5 cu		8.3	SW1	0	NE6		light		0.30	0.30						△ Hail at 8 am
7.3	4.4	5.50	45	46	59	50.0	3 cu cu		0		0		0	E1	E1	E1		calm									
7.7	5.6	4.17	64	52	55	57.0	8 cu		2 cu		10 nimb		7.3	SE1	SE3	SW3		slight									
7.4	6.7	6.47	60	58	82	66.0	10 cu		10 cu		10 cu		10.0	SW5	SW4	NE3		mod	0.55	0.10	0.65						
8.1	5.4	5.93	78	60	68	66.7	9 cu		9 cu		10 cu		9.3	W6	N3	NE3		"	0.04	0.05	0.09						
8.5	5.5	6.60	63	90	57	70.0	10 cu		10 cu		2 cu		7.3	0	0	SW1		slight									
8.3	6.0	5.93	61	58	84	67.7	10 cu		10 cu		9 cu		9.7	W5	W4	W3		mod	0.32		0.32						
7.1	4.9	4.70	85	61	59	68.3	10 nimb		8 cu		3 cu		7.0	NE3	NE2	NE2		slight	0.35		0.35						* snow at night + all
8.5	10.6	9.40	89	85	94	88.3	10 nimb		10 cu		10 nimb		10.0	SW6	SW7	SW5		mod	2.10	1.80	1.90						
7.2	5.9	5.07	56	76	56	62.7	10 cu		8 cu		4 cu		7.3	SW2	W3	SW2		slight	0.94		0.94						
9.3	41.8	41.33	328	285	341	318.0	0		15		0		5.0								0.13						
9.9	32.9	33.17	288	281	308	285.7	0		10		11		7.0								0.65						
8.5	42.3	42.93	344	301	340	328.4	44		39		42		41.7								1.01						
7.1	35.2	36.34	310	298	315	307.1	41		26		23		30.0								1.03						
8.5	29.7	32.24	310	306	341	319.0	36		28		30		31.3								3.60						
8.0	32.4	40.13	444	444	418	434.7	59		55		38		50.6														
8.3	21.6	21.24	288	187	204	193.0																					
8.3							8.0		17.3		14.4		16.6								6.42						
7.7	6.8	6.80	69.6	60.3	66.5	65.3	5.8		5.5		4.6		5.3								0.20						

Number of Daily Wind Observations.							
E	S E	S	S W	W	N W	Calm	Totals
4	3	1	4	1	—	31	
2	1	—	8	7	—	31	
2	4	1	7	1	—	31	
8	4	2	23	9	—	93	

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

Abdallah Kasir
OBSERVER.

LIBRARY
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U.S. Dept of Commerce

Oversize
QC
990
.L4
M6
1911
(Incomplete)

National Oceanic and Atmospheric Administration

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March 28, 2002

TO Weather Bureau
Washington

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT C

Year 1911
Month February

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	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	9.9	764.8	11.3	761.8	11.6	758.6	765.6	762.1	759.0	762.2	13.7	7.6	0.8		8.7	11.6	11.9	11.4	7.3	10.2	10.8	7.2	8.5	8.6	8.2	84	84	86	85
2	9.8	60.7	10.6	60.8	10.3	60.4	61.8	61.8	61.5	61.70	11.4	7.2	4.9		8.2	8.1	8.8	8.37	5.9	5.9	6.1	5.8	5.9	5.7	5.80	73	74	67	
3	9.5	57.5	10.4	58.8	10.0	60.4	58.6	59.4	61.5	60.01	11.9	5.8	5.8		10.6	10.2	7.4	9.40	9.2	7.2	6.7	7.9	6.2	7.0	7.03	83	66	91	
4	9.3	63.5	10.6	64.2	9.9	65.2	64.8	65.1	66.4	65.43	12.3	6.1	5.0		8.3	11.2	8.2	9.23	6.6	8.7	6.1	6.4	6.7	6.0	6.37	80	68	74	
5	9.4	66.2	11.3	66.5	10.6	67.5	67.3	66.4	68.5	67.73	13.3	6.6	4.8		8.5	12.7	9.3	10.17	7.2	9.5	5.7	6.4	5.7	5.2	5.79	84	52	59	
6	10.0	66.2	12.3	64.8	12.7	65.4	67.2	65.5	65.6	66.10	15.6	7.2	5.7		9.9	15.2	12.7	12.60	7.4	11.4	10.0	6.4	7.8	8.7	7.63	70	60	70	
7	11.7	64.5	12.2	60.7	12.7	58.2	65.7	61.4	69.1	62.07	16.7	8.3	7.0		13.3	12.9	11.9	12.70	9.8	11.8	10.5	7.4	7.2	8.1	7.23	65	88	82	
8	12.7	52.2	13.3	53.0	12.8	53.2	52.9	53.6	58.2	54.90	16.2	9.5	7.9		15.9	15.4	11.6	14.30	10.4	12.2	8.9	6.8	8.8	7.1	7.57	51	68	70	
9	11.1	60.4	11.4	60.5	10.6	60.3	61.3	61.4	61.2	61.30	13.3	8.8	7.7		11.1	9.8	8.6	9.83	6.7	8.3	6.7	5.4	7.4	6.3	6.37	54	82	75	
10	10.6	55.0	10.9	52.2	10.6	51.1	56.1	54.2	52.1	54.13	14.1	7.2	6.1		12.2	10.1		10.30	7.6	8.3	8.1	5.8	7.1	7.7	7.23	54	78	93	
11	9.5	54.8	9.9	55.6	10.0	64.9	55.1	56.7	65.2	59.27	11.3	5.0	5.0		8.2	8.3	8.3	8.27	6.1	6.1	6.7	6.0	5.9	6.5	6.13	73	73	80	
12	8.8	68.1	10.4	64.6	9.4	68.9	66.4	68.2	70.0	68.20	11.8	4.8	1.1		7.7	10.2	9.2	9.37	6.1	6.8	5.9	6.2	5.4	5.5	5.70	80	55	63	
13	8.3	59.6	10.6	58.5	10.0	60.6	59.4	59.5	59.7	59.53	14.3	5.4	3.3		8.8	12.7	8.8	10.10	5.3	7.8	6.1	5.1	5.7	5.7	5.50	61	52	68	
14	9.1	67.5	12.2	67.0	11.2	67.3	68.7	67.8	68.2	68.23	15.5	7.8	1.1		10.3		11.6	12.07	7.2	9.9	8.8	8.1	6.2	7.0	6.43	65	58	68	
15	11.1	62.4	12.7	62.6	11.8	64.4	63.3	63.3	62.2	62.93.60	12.7	9.6	8.3		14.0	14.3	11.0	13.13	9.6	10.7	8.3	6.5	8.0	6.8	7.10	52	68	70	
16	11.4	65.1	14.1	63.9	12.3	63.8	63.7	64.4	64.6	64.90	16.8	8.1	6.9		12.7	15.3	11.5	13.13	8.8	10.0	10.4	6.5	6.7	8.8	7.33	60	51	88	
17	11.1	62.1	12.2	58.1	10.4	57.8	63.1	57.0	56.8	58.97	14.5	8.2	0.2		8.5	9.3	6.4	8.33	8.1	8.3	5.8	5.7	7.4	6.5	6.53	95	82	90	
18	9.1	57.6	9.4	52.1	9.9	53.1	52.6	53.3	52.5	53.47	10.7	8.5	2.4		5.3	7.2	9.9	7.47	4.3	4.8	5.9	5.4	5.3	5.1	5.27	88	76	96	
19	8.9	58.9	10.4	61.8	9.6	59.2	57.8	60.0	65.3	61.03	13.3	3.9	3.7		8.9	12.2	7.2	9.43	6.1	8.0	6.1	4.8	6.7	6.2	5.90	72	64	80	
20	6.9	66.9	12.2	62.7	9.6	58.0	63.1	63.4	64.2	63.57	15.0	6.7	4.5		10.1	14.0	9.8	11.30	8.4	8.9	7.3	6.4	6.2	6.4	6.33	86	52	70	
21	10.6	63.5	12.8	62.6	12.3	61.6	63.7	62.6	62.7	62.60	16.5	8.9	7.0		12.2	16.1	13.8	14.03	8.4	11.4	12.1	6.9	5.7	8.0	6.87	56	56	76	
22	11.7	63.0	16.0	59.8	15.7	56.2	63.8	60.0	58.5	60.10	18.2	10.9	5.6		14.4	17.2	15.8	15.77	12.4	13.4	13.4	7.9	9.3	10.1	9.10	64	64	76	
23	11.1	55.8	10.1	58.0	11.8	61.4	56.5	59.1	62.3	59.40	12.2	6.4	3.4		10.5	11.5	10.6	10.87	8.3	10.7	8.8	6.0	5.8	6.1	5.97	63	58	64	
24	10.4	60.6	13.8	61.8	12.7	62.1	59.5	62.2	62.7	61.47	15.9	6.0	4.9		10.7	12.0	11.2	11.63	9.6	11.8	11.7	6.5	8.8	7.2	7.50	64	84	73	
25	11.3	62.7	13.8	62.0	13.3	63.5	63.6	63.6	63.6	63.27	16.3	8.8	6.7		12.6	15.5	13.4	13.83	10.7	11.4	11.1	7.4	8.4	9.3	8.37	68	64	78	
26	12.3	62.4	14.8	60.3	13.4	58.5	63.1	60.7	59.7	61.17	16.9	9.9	5.7		12.9	16.2	14.4	14.50	12.4	15.4	13.8	8.0	8.5	8.1	8.20	72	57	66	
27	14.5	59.8	16.1	57.6	16.1	56.8	57.3	57.7	58.8	57.93	22.0	12.1	10.3		15.4	19.0	18.8	17.73	14.0	15.7	13.9	9.0	10.8	9.0	9.60	69	66	53	
28	15.6	57.0	17.8	53.8	17.1	55.6	57.3	53.8	56.4	55.83	20.4	14.5	12.2		16.7	19.8	19.2	17.90				10.3	10.4	9.9	10.20	73	63	67	
29																													
30																													
31																													
Sums 1–5							318.1	313.3	316.9	316.09	62.1	33.3	22.3		43.7	53.8	45.6	47.70				34.2	33.0	32.8	33.33	410	344	377	377
„ 6–10							303.2	296.1	296.2	298.50	71.4	41.1	35.1		61.4	63.4	53.6	59.73				31.8	38.4	38.4	36.20	294	376	399	356
„ 10–15							331.2	336.5	340.3	336.43	65.2	31.6	18.8		49.1	60.2	48.9	52.94				49.9	36.2	31.5	39.20	333	306	349	329
„ 16–20							309.6	307.1	310.1	308.94	70.3	30.4	15.8		44.9	58.5	45.3	49.56				31.3	32.3	33.0	32.20	379	319	384	361
„ 21–25							316.3	312.3			80.1	40.8	25.6		61.4	72.3	64.7	66.13				14.2	32.9	40.5	37.20	38	32.6	38.4	38.6
„ 26–31							168.7	162.2	311.8	313.67	59.1	36.5	28.2		45.0	55.0	50.4	50.13				27.3	29.7	27.7	28.23	134	149	189	149
Total Sums							1742.1	1724.1	1764.2	1733.80	403.7	213.0	159.8		303.1	363.2	308.3	326.19				184.9	202.0	203.2	196.70	1383	1299	1440	1374
Means							290.3	287.4	293.7	288.97	67.3	35.5	26.6		50.5	60.5	51.4	54.13				30.8	33.7	33.8	32.77	230	216	240	229

Barometer	**Maximum**	320.9	on 13 8½
„	**Minimum**	247.6	on 27 2½
Thermometer	**Maximum**	22.0	on 27
„	**Minimum**	3.5	on 12
Highest Temp. in Sun			on
Lowest „ on Grass		1.1	on 12, 14
Rainfall	**Maximum**		on

No. of days with:

rain	18
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W
8½ A.M	—	2	6	1	—	12	1
2½ P.M	2	1	2	—	1	16	4
8½ P.M	2	3	1	2	1	15	3
Totals	4	6	9	3	2	43	8

...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	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.
[illegible]	8.2	[illegible]	84	86																						
5.7	5.8	73	94	67	77.3	10 nimb		10 nimb		9 cu			[illegible]	[illegible]												
7.0	7.0	83	66	91	78.3	10 cu		9 cu cu st		0		9.3	E6	E2	SW2		))	0.09	0.24	0.33						
6.0	6.3	80	68	74	74.0	10 cu		10 cu		10 nimb		10.1	SW4	SW3	SW1		))	0.30	0.10	0.40						
5.2	5.9	74	52	59	65.0	10 cu		6 cu		2 cu		6.0	0	W3	W1		))	0.09	~~0.09~~	0.09						
8.7	7.8	70	60	70	66.7	4 cu		5 cu		10 cu		6.3	SW1	SW2	SW1		))	0.09		0.09						A few drops at 9 pm
8.6	7.7	65	88	82	78.3	10 cu st		9 cu st		10 cu		9.7	SE1	SW2	SW2		calm	0.15		0.15						
7.1	7.5	51	68	70	63.0	10 cu		10 nimb		0		6.7	SW3	0	NE1		v. slight	0.04	0.34	0.38						
6.3	6.3	84	82	75	77.3	5 cu		10 cu		10 cu		8.3	E4	SW5	SW3		mod	0.30	0.09	0.39						
7.7	7.2	54	78	93	75.0	8 cu		10 nimb		10 cu		9.3	SW6	0	W1		))	0.10	0.20	0.30						
6.5	6.1	73	73	80	76.0	10 nimb		))		10 nimb		10.0	SW2	SW4	SW5		))	0.08	0.78	0.86						Hail at 4 P.M.
5.5	5.7	80	55	63	66.0	10 cu		10 cu		10 nimb		10.0	SW7	SW7	SW6	8	rough	1.50	0.42	1.92						Strong wind at night and Hail at 8 A.M.
5.7	5.5	61	52	68	60.3	10 cu		0		2 cu		4.7	NE1	NE2	NE1		slight	0.05	0.04	0.09						
7.0	6.4	65	58	68	63.7	8 cu		5 cu		5 cu		6.0	E1	W2	W1		calm									Rather Hazy
6.8	7.1	52	68	70	63.3	9 cu st		6 cu		10 cu		8.3	E1	SW1	SW1		))									
8.8	7.3	60	51	88	66.3	9 cu		9 cu		2 cu		6.7	E1	E2	E1		))	0.03		0.03						
6.5	7.2	95	82	[illegible]	87.0	10 cu		10 cu		10 nimb		10.0	0	SW3	0		))									
5.1	5.3	86	70	56	70.7	9 cu		10 cu		))		9.7	SW1	W7	W1		slight	0.35	0.56	0.91						
[illegible]	[illegible]	72	64	80	72.7	10 nimb		10 nimb		7 cu		9.0	E1	SW6	SW3		))	0.28	0.05	0.33						
6.4	6.3	86	52	70	69.7	5 cu		5 cu		0		3.3	0	SW1	SW1		))	0.06		0.06						
8.0	6.5	60	56	70	62.0	0		0		0		0	E1	SW3	SE1		calm									
10.1	9.1	64	64	76	68.3	0		0		0		0	0	N2	N1		))									
6.1	5.9	63	58	64	61.7	10 cu		5 ci cu		10 cu		8.3	SW1	SW2	SW5		v. slight									
7.2	7.5	64	84	73	73.7	10 cu		10 cu		2 cu		7.3	SW7	W1	NE1		rough	0.10	0.08	0.[illegible]8						Strong wind at night
9.3	8.3	68	64	81	71.0	0		2 cu st		0		0.7	0	SW2	S2		calm									
8.1	8.2	72	62	66	66.7	1 St		0		4 cu		1.7	0	S1	SW1		))									
9.0	9.6	69	66	53	62.7	0		10 cu		0		3.3	SW1	SW	SE1		))									Rather Hazy all day long
9.9	10.2	73	63	67	67.7	10 cu st cu st		10 cu st cu st		5 cu		8.3	SW2	~~SE4~~	SE1		v. slight									Hazy all day long and strong wind 2-8 P.M.
						0		2 ci-cu		5 cu		2.3	SW2	SW2	SW3		))	0.06		0.06						Hazy at 8.30 A.M.
32.8	33.3	410	344	377	377.0																					
38.4	36.7	494	376	390	353.3	44		40		31		38.3								1.48						
31.5	30.8	333	306	349	329.3	43		49		40		44.0								2.08						
33.0	32.[illegible]	379	319	384	360.7	46		32		29		35.7								2.04						
40.7	37.4	[illegible]	326	384	336.7	34		35		27		32.0								1.30						
27.0	28.[illegible]	314	191	189	198.7	21		17		16		18.0								0.18						
[illegible]	[illegible]	[illegible]	[illegible]	203	195.[illegible]	10		22		10		13.9								0.06						
2.30	2.08	[illegible]	[illegible]	[illegible]	[illegible]	198		199		153		18[illegible].9								7.14						
						7.0		6.9		5.4		6.5														

Number of Daily Wind Observations.

S E	S	S W	W	N W	Calm	Totals
1	–	12	1		6	28
–	1	16	4	–	2	28
2	1	15	3	–	1	28
3	2	43	8	–	9	84

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

Abdullah Kasir
OBSERVER.

Reinfall in Syria. January & February 1911.

Jan.	Beirut	Sidon	Shweir	Brumana	Aleih	Ainab	Damascus
1							
2							
3	.13	.25					
4							
12			.07	.09			
13	.50	.31	1.49	.81	2.35	.13	1.10
14	.15	.10	.38	.18		1.46	.20
15	.25	.16	.48	.40		.24	
16			.22	.17	.65	.23	
17	.06					.05	
18							
19		.82	1.02	.19			
20	.70	.05	.30	.10	1.10	1.07	
21	.08			.30	.50	.33	
22	.30	.70	.85	.34	.30	.43	
23					.25		
24				.30			.41
25	.65	.27	1.40	.32	.60	.87	
26	.09	.25		.08	.50	.40	
27			.85	.29	.27	.86	.24
28	.32	.96	.15	.07	.36		
29	.25	.04			.16	.18	
30	1.90	.10	3.58	2.77	5.40		.20
31	.94	1.16	.70	.25		4.62	
Totals	6.42	4.75	11.49	6.66	12.44	10.85	2.15
Feb.							
1	.57		1.00	.76			
2	.53	.77	?	.47	2.20	.95	
3	.40	.41	1.26	.50		.58	
4	.09	.29	.67	.26	.37	.56	
5	.09	.21	.25	.11	.30	.24	
6	.15		.05	.02		.21	
7	.38	.03	.20	.22	.45		
8	.39	.14	2.05	.55	.45	.09	
9	.50	.21		.29	1.14	.79	
10	.86	.40	3.28	1.10	2.33	.54	
11	1.92	.55	.97	.27		1.32	
12	.09	.23			1.61	.67	
13		.10				.57	
14							
15	.03						
16			.06	.28	.60		
17	.91	.22	1.55	1.45	1.90	.56	
18	.28	.90	1.07	.37		1.82	
19	.06	.12				.25	
20							
21		.02					
22			1.05	.05			
23	.18			.22	.50	.18	
24						.18	
25							
26							
27							
28	.06		.07	.08			
[illegible]	.22	4.66	13.85	[illegible]	11.8[illegible]	[illegible]	

Syrian Protestant College [illegible]

TO Department of Agriculture
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

Year 1911

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	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	15.7	757	16.7	756.6	15.4	758.4	759.2	756.8	759.4	758.13	17.1	13.3	11.6		15.6	16.1	13.7	15.20	10.1	11.1	10.5	6.6	7.4	7.2	7.07	70	54	61	55.0
2	14.2	58.4	15.0	58.8	14.2	60.9	59.0	59.2	61.4	59.87	15.3	10.4	8.9		11.6	14.4	12.7	12.90	10.6	12.7	9.9	8.9	10.0	7.6	8.83	87	81	70	79.3
3	13.3	62.3	14.2	61.7	14.2	61.6	62.8	62.1	61.6	62.17	15.7	10.8	9.6		13.8	14.4	12.4	13.53	10.6	11.1	11.0	7.3	8.1	9	8.13	63	66	81	70.0
4	13.3	60.6	15.6	59.8	14.5	58.9	61.2	60.1	57.4	59.57	17.6	10.1	8.9		14.3	16.9	13.7	15.13	12.0	13.6	12.1	8.9	9.7	9.5	9.37	71	68	81	73.3
5	13.7	54.9	16.5	53.2	16.0	53.6	55.5	53.4	53.3	54.07	19.6	11.4	9.8		14.9	18.4	14.4	15.90	12.2	15.5	13.4	9.0	11.2	10.8	10.33	57	72	89	72.3
6	14.5	57.1	15.6	52.0	14.4	52.5	51.6	52.3	52.7	52.20	17.4	12.8	12.2		15.4	15.3	12.4	14.37	11.7	11.6	9.9	8.3	8.4	7.8	8.17	64	65	73	67.3
7	13.4	52.3	14.1	51.9	13.9	52.7	53.0	52.4	54.3	53.23	15.9	10.0	9.0		11.2	14.3	12.2	12.57	9.5	10.9	11.1	7.9	8.0	9.1	8.13	80	66	87	77.7
8	13.0	57.3	14.0	58.0	13.7	58.4	57.9	58.5	59.5	58.63	16.1	10.0	8.9		12.8	13.2	11.8	12.63	12.2	11.3	10.1	10.2	8.9	8.2	9.10	91	78	80	83.0
9	13.4	60.3	15.1	60.0	14.4	58.9	60.9	60.3	60.6	60.70	17.8	9.3	8.9		14.3	16.2	13.8	14.77	12.2	13.2	11.6	9.4	9.5	8	9.27	77	70	75	74.0
10	12.9	64.3	14.9	60.5	14.0	60.8	62.0	60.9	61.3	61.40	16.4	8.5	7.7		13.3	15.4	13.3	14.27	19.9	10.6	9.5	9.4	7.2	7.2	7.93	62	65	61	62.7
11							60.8	60.2	59.4	60.13	16.5	9.6	6.4		13.8	15.5	12.7	13.83	10.5	13.9	8.9	7.8	10.8	6	6.87	67	83	60	70.0
12	13.2	60.1	15.0	59.8	14.6	59.4	60.3	59.9	59.7	59.93	15.3	8.9	7.2		12.7	14.7	11.6	13.00	8.8	9.5	8.3	6.6	6.5	6.5	6.53	62	61	64	62.3
13	12.8	58.7	14.6	59.1	13.4	59.0	57.1	55.5	56.7	56.30	15.4	9.6	7.8		12.7	14.0	13.4	13.37	8.3	9.2	9.5	6.1	6.4	7	6.50	52	54	51	52.3
14	12.8	56.5	14.3	55.5	13.9	55.4	59.5	58.7	59.3	59.17	14.1	10.3	8.0		12.7	14.7	13.4	13.47	10.5	11.8	8.8	8.5	8.7	6.9	7.87	80	70	56	68.7
15	12.8	58.8	14.9	58.3	14.0	58.7	60.9	61.9	62.9	61.90	12.8	12.4	8.9		14.4	16.4	12.3	14.37	12.4	11.7	10.6	9.5	7.8	8.5	8.60	78	56	80	71.3
16	13.9	63.4	16.4	63.1	15.6	62.4	63.9	63.9	64.4	64.23	18.1	10.6	8.9		15.1	16.8	13.3	15.07	12.2	12.6	11.1	8.9	8.7	8.7	8.77	70	61	75	68.7
17	13.9	65.3	16.2	65.4	15.1	64.6	65.8	65.7	64.7	65.40	18.8	10.6	8.3		15.5	17.1	13.9	15.50	11.9	13.9	12.2	8.5	10.0	9.5	9.33	65	59	80	68.0
18	15.2	60.5	17.2	57.5	15.9	64.1	60.8	57.6	55.2	57.87	22.8	12.5	9.9		18.1	18.2	14.7	17.00	13.6	15.6	14.0	9.0	11.5	8.5	9.67	48	59	57	54.7
19	16.7	58.1	17.3	60.0	16.4	55.3	58.3	60.1	62.5	60.30	18.8	14.4	9.6		16.3	16.1	13.8	15.40	14.6	13.9	11.6	12.7	9.7	8.9	10.43	72	72	75	73.0
20	15.3	61.9	17.2	62.1	16.5	61.8	62.2	62.0	63.6	62.27	19.3	11.6	10.5		14.4	12.8	14.4	13.50	11.6	12.7	11.3	8.6	8.3	8.9	8.43	70	55	65	63.3
21	15.1	62.4	16.1	62.4	14.6	62.3	62.7	62.6	62.7	62.67	16.5	12.2	9.4		14.4	15.2	13.6	14.53	10.7	11.1	8.3	7.7	7.6	5.9	7.07	63	58	57	59.3
22	13.3	63.7	15.2	63.2	14.6	63.4	63.2	63.4	64.2	63.93	16.8	8.7	6.7		14.3	16.2	12.7	14.40	9.9	13.1	8.8	7.0	9.8	6.6	7.80	68	72	61	67.0
23	12.8	63.1	14.6	61.7	13.9	61.2	63.7	62.1	61.8	62.53	15.6	8.3	7.2		12.7	9.3	7.5	9.83	8.4	9.3	8.8	6.0	6.4	6.4	6.27	81	52	58	63.7
24	13.2	58.5	15.2	56.3	14.0	55.6	56.1	57.7	55.6	57.80	17.4	9.3	7.5		13.2	13.9	16.6	15.57	10.3	12.7	11.6	7.4	9.2	7.7	8.10	61	68	54	61.0
25	13.0	56.0	13.8	56.5	13.6	56.9	56.3	56.5	57.2	56.67	19.4	12.7	11.7		16.9	17.8	15.8	16.83	13.3	16.1	12.9	9.3	12.5	10.7	10.83	54	82	80	72.7
26	15.7	57.7	16.1	57.9	15.4	59.2	61.0	60.5	60.6	60.70	18.0	12.2	11.7		13.3	14.7	15.0	14.43	12.4	14.4	13.8	10.3	12.0	10.9	11.07	91	97	87	91.7
27	15.0	60.7	16.5	60.3	15.7	60.3	61.3	60.8	61.4	61.17	17.9	12.1	11.4		14.9	17.2	16.6	16.23	14.2	14.4	13.8	11.6	10.4	10	10.67	91	71	72	78.0
28	14.6	60.9	16.3	60.6	15.2	61.1	61.8	61.6	62.8	62.07	18.2	10.2	9.4		14.6	17.2	14.4	15.40	12.8	13.9	12.3	10.3	9.9	10.7	10.30	93	68	87	82.7
29	14.9	61.4	16.6	61.4	16.2	62.6	62.2	64.6	64.9	64.57	18.6	11.1	10.0		16.4	17.6	16.1	16.70	12.6	13.7	12.0	8.7	9.5	8.5	8.90	63	64	63	63.3
30	14.9	63.8	16.8	64.5	15.8	64.7	64.2	64.6	64.9	64.57	18.1	11.7	8.7		15.2	17.3	15.5	16.13	9.2	12.6	12.3	5.9	8.3	8.9	7.70	43	56	69	56.1
31	14.3	63.5	13.8	63.0	13.3	64.4	63.9	62.9	61.4	62.73	23.1	12.7	10.8		16.1	18.8	18.3	17.73	12.4	15.4	14.4	8.8	10.9	10.0	9.90	64	69	64	65.7
Sums 1–5							294.7	291.6	293.1	293.81	85.3	56.0	47.8		70.7	80.2	67.1	72.66				40.7	46.4	44.3	43.80	342	341	382	355.0
„ 6–10							285.4	284.4	288.7	286.13	83.6	57.1	44.7		67.5	74.5	63.5	68.61				45.5	42.0	41.0	42.83	374	344	376	364.7
„ 10–15							298.6	295.8	298.0	297.47	81.2	49.3	38.3		65.8	75.3	63.4	68.00				48.3	40.2	35.0	37.83	391	324	311	342.0
„ 16–20							311.0	309.3	309.9	310.07	92.9	59.7	49.2		80.4	86.0	76.1	80.70				42.7	48.2	44.0	46.96	356	331	345	344.0
„ 21–25							302.0	301.3	301.3	303.20	86.0	51.2	42.5		73.2	79.9	72.0	75.03				37.4	45.5	37.2	40.03	298	322	302	307.3
„ 26–31							302.2	298.5	301.3	300.67	113.9	70.0	61.8		90.9	102.8	95.9	96.53				55.6	61.0	54.1	56.90	440	425	444	435.0
Total Sums							1868.9	1849.9	1861.3	1860.15	486.1	323.8	284.3		498.5	598.2	438.0	468.90				265.2	284.3	256.0	270.50	2815	2887	2457	2653.0
Means							60.28	59.67	60.04	60.00	15.0	10.8	8.1		14.4	16.0	14.2	14.88				8.0	9.1	8.4	8.71	84	93	82	85.7

Barometer	**Maximum**	765.8	on 17
„	**Minimum**	751.1	on 6
Thermometer	**Maximum**	23.1	on 31
„	**Minimum**	9.3	on 23
Highest Temp. in Sun			on
Lowest „ on Grass		7.2	on 23
Rainfall	**Maximum**		on

8½ am
8½ pm

No. of days with:

rain	16
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W	NW
8½ A.M.	1	5	3	—	—	13	1	1
2½ P.M.	4	9	—	—	—	16	1	1
8½ P.M.	1	13	1	1	—	15	—	—
Totals	6	27	4	1	—	44	2	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. 1.75; 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		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.	
4	7.2	7.0	50	54	61	55.0	10 cir		10 cir		5 cir		5	0	SW 5	SW 6	SW 3		rough	0.15		0.15					Hazy at 8¼ am
0	7.6	8.8	87	81	70	79.3	"		"		9 cir		9	7	NW 4	SW 3	SW 4		mod	0.64	0.79	1.43					
1	9.2	8.2	63	66	81	70.0	"		"		10 cir		10	0	SW 4	SW 3	SW 3		slight	0.10		0.10					
7	9.5	9.3	71	68	81	73.3	6 cir		9 cir		1 cir		5	3	0	SW 1	SW 1		calm	0.10		0.10					
2	10	8.4	71	72	89	77.3	0		0		0		0	0		NE 1	SW 1		"								
4	7.8	8.1	64	65	73	67.3	10 mink		9 cir at sur		10 cir		9	7	SW 6	SW 4	E 2		slight		0.25	0.25					Q... the morning there strong wind at evening
0	9.1	8.1	80	66	87	77.7	"		"		"		9	7	SW 1	SW 2	SW 3		slight	0.22	0.74	0.96					
9	8.2	9.1	91	78	80	83.0	6 cir		9 cir		"		5	7	SW 1	SW 1	NE 1		slight	0.13	0.21	0.34					
5	8.9	9.2	77	70	75	74.0	1 cir		10 mink		1 cir at		3	3	SW 1	SW 1	SW 2		"	0.36		0.36					Hazy at 8½ am
2	7.0	7.9	62	65	61	62.7	0		7 cir		2 cir		0	0	NW 1	NE 2	NE 2		calm								
8	6.6	8.4	67	83	60	70.0	7 cir		2 cir		0		3	0	0	NE 2	NE 2		"								in the morning
5	6.5	6.5	62	61	64	62.3	1 cir		0		0		0	3	NE 1	NW 2	NW 2		"								Hazy 1-8½ pm
4	7.0	6.5	52	54	51	52.7	10 cir at		10 cir at		10 cir		10	0	NE 2	NE 2	NE 3		"								Drizzle at 7 am
7	6.4	7.8	80	70	56	68.7	10 mink		9 cir at		0		6	3	SW 1	SW 2	SW 3		"	0.03		0.03					in the morning
8	8.5	8.6	80	88	80	71.3	4 cir		2 cir		0		2	0	E 1	NE 1	NE 1		"								Rather Hazy at 8½ pm
7	8.7	8.7	70	81	75	68.7	0		1 cir		0		0	3	0	SW 3	SW 1		"	0.04		0.04					
0	9.5	9.3	85	89	80	84.3	0		0		0		0	0		SW 1	SW 1		"								Hazy at 8½ " am
5	8.5	10.0	91	94	97	94.0	8 cir		"10 cir		10 cir		8	9	NE 1	NE 1	S 4		"								
7	8.9	10.3	92	72	78	79.3	10 cir		"		10 mink		7	0	S 4	SW 4	SW 1		mod		0.03	0.03					
3	8.4	8.3	78	85	65	76.3	9 cir		1 cir		1 cir		3	7	NE 1	SW 5	SW 1		slight								
6	5.9	7.0	63	58	57	59.3	6 cir		1 cir		1 cir		2	3	SW 2	NE 3	NE 2		slight		0.16	0.16					A few drops at 2.30 am
8	6.6	7.8	68	72	61	67.3	0		0		0		0	0	E 1	NW 2	NE 1		slight								Rather Hazy at 8½ am
7	6.4	6.2	78	82	56	72.0	0		0		0		0	0	E 1	NE 5	NE 1		"		0.10	0.10					
2	7.7	8.1	81	68	54	67.7	6 cir		9 cir		10 cir		8	7	SW 1	NW 3	NE 2		calm								
5	10.7	10.8	94	82	80	85.7	0		2 cir		1 cir		1	0	SW 2	SW 4	SW 2		"								Rather Hazy
0	10.9	11.0	91	97	87	91.7	10 mink		10 mink		10 cir		10	0	SW 1	SW 2	SW 2		mod		0.80	0.80					
4	10.1	10.7	92	71	72	78.3	10 cir		5 cir ch		3 cir		6	0	0	SW 3	SW 2		slight	0.80	0.48	1.28					
9	10.7	10.3	87	88	87	87.7	0		0		0		0	0	SW 1	N 1	SW 1		slight	0.28		0.28					
5	8.5	8.9	63	64	63	63.3	0		0		0		0	0	0	N 2	NE 1		"								
3	8.9	7.7	73	56	67	65.3	0		0		0		0	0	NE 2	NE 1	NE 3		"								Cloudy in the morning
2	10.0	9.8	64	69	64	65.7	0		2 cir at		0		0	0	W 1	NW 2	NE 1		calm								Rather Hazy 8½ am
4	44.3	43.8	342	341	382	355.0	36		39		25		30	0								1.78					
0	41.0	42.8	374	348	376	366.0	27		35		23		28	4								1.91					
2	35.0	37.9	343	324	311	326.0	32		27		10		21	6								0.03					
2	44.0	46.9	356	331	345	344.0	25		22		21		22	1								0.7					
5	32.3	40.0	298	322	302	310.3	13		12		11		12	0								0.26					
	59.1	58.5	440	405	440	435.0	2 cir		17		13		16	0								2.34					
	26.0	27.0	215	287	215	239.3																6.41					
	8.4	8.7	69	73	68	70.0	15 3		14 8		10 3		13	0													
							4.9		4.7		3.3		5	2													

Number of Daily Wind Observations.

	SE	S	SW	W	NW	Calm	Totals
	—	—	13	1	1	7	31
	—	—	16	1	1	—	31
	1	—	15	—	—	—	31
	1	—	44	2	2	7	93

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

Abdallah Kasir
OBSERVER.

TO Department of Agriculture
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

Year 1911
Month April

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	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	12.8	59.7	20.0	59.2	18.3	59.8	59.7	59.8	59.8	59.77	23.2	11.5	13.5		17.4	21.7	16.1	19.07	15.0	14.3	12.2	10.1	8.4	8.4	8.97	60	43	61	54.7
2	16.9	58.7	19.2	58.6	17.9	59.1	58.8	58.4	59.1	58.77	19.6	13.3	11.7		16.4	19.1	14.9	16.80	14.3	16.0	14.5	10.8	11.3	11.3	11.13	78	71	89	79.3
3	16.4	60.0	18.6	59.9	18.3	59.8	60.1	59.8	59.6	59.73	19.7	12.7	11.1		15.7	18.8	17.2	17.23	14.2	15.3	15.0	11.1	10.9	11.3	11.10	85	68	77	76.7
4	16.9	60.7	19.0	61.4	18.0	60.2	60.8	61.2	60.9	60.97	20.0	13.0	10.9		17.2	19.1	14.7	17.00	14.8	15.3	13.9	11.5	10.7	11.3	10.83	72	65	90	75.7
5	17.3	59.8	20.3	60.2	19.0	61.8	59.9	59.8	61.7	60.47	24.4	13.8	11.7		18.8	22.7	17.7	19.73	16.1	16.1	16.5	10.2	11.2	13.1	11.50	64	54	87	68.3
6	18.4	59.4	19.9	59.8	20.9	59.4	58.2	59.4	58.6	59.03	25.6	16.0	15.0		18.8	20.7	25.2	21.57	17.2	17.7	16.9	11.8	12.9	9.9	11.53	73	71	82	63.0
7	21.0	56.8	21.4	55.0	20.7	54.4	59.3	54.4	54.1	54.93	24.6	18.2	12.8		21.0	23.1	20.0	21.67	16.9	17.6	16.8	12.2	11.7	12.2	12.03	66	56	76	66.0
8	19.3	59.5	21.1	59.8	19.4	61.8	59.2	59.3	61.6	60.03	24.6	15.7	13.9		18.6	20.4	16.9	18.63	16.2	17.8	15.6	13.2	13.2	12.8	13.07	83	74	95	84.0
9	19.7	61.9	19.3	60.5	18.8	59.4	61.6	60.3	59.2	60.37	20.7	12.2	12.2		18.2	19.6	16.3	18.03	16.0	17.0	15.0	12.4	12.7	11.8	12.30	80	74	86	80.0
10	18.8	61.4	20.0	61.5	18.4	61.1	61.2	61.1	61.0	61.10	20.6	14.2	12.3		17.8	20.0	16.2	18.00		17.1	14.8	12.5	12.4	11.6	12.17	82	71	85	79.3
11	18.1	57.0	21.0	54.6	20.6	55.6	56.2	54.1	54.6	55.30	27.2	13.8	12.9		18.2	21.5	23.4	21.03	16.1	17.2	17.3	12.2	11.9	9.9	11.33	79	62	46	62.3
12	20.6	56.3	21.8	56.2	20.0	55.8	55.4	55.6	55.3	55.43	23.3	12.3	11.4		20.3	22.6	17.2	20.03	12.8	12.8	16.1	12.4	12.1	12.9	12.47	78	59	89	75.7
13	18.9	57.0	19.2	49.6	17.2	52.1	50.8	49.4	52.2	50.80	29.3	18.1	15.1		18.1	17.8	14.8	16.57	15.8	14.9	11.1	11.8	10.6	7.9	10.10	77	74	63	71.3
14	16.7	55.9	18.3	56.9	17.2	52.8	55.4	56.8	57.9	56.70	18.2	11.6	10.5		16.1	17.2	13.8	15.70	12.8	12.6	11.6	9.2	8.4	8.9	8.83	58	57	75	56.7
15	16.4	52.5	18.9	54.3	19.2	52.4	52.6	54.1	52.2	54.63	24.8	11.0	9.4		17.7	19.3	20.2	19.07	13.9	15.0	16.5	9.6	10.2	11.6	10.47	64	61	65	63.3
16	16.2	57.5	16.7	57.2	15.8	52.2	51.8	51.4	52.5	51.90	20.6	19.9	10.0		13.3	15.6	13.8	14.40	11.7	12.4	11.7	9.0	8.9	9.0	8.97	77	68	77	74.0
17	14.2	56.8	15.5	58.5	16.1	60.1	56.2	58.8	60.3	58.43	17.7	11.1	8.9		12.7	14.5	15.9	14.37	11.1	12.2	11.1	8.9	9.3	7.9	8.53	80	55	55	72.0
18	15.1	61.2	16.4	61.1	15.6	60.4	61.5	51.3	60.7	61.17	19.8	11.6	9.4		16.4	16.8	12.7	15.23	12.3	11.1	9.4	8.4	7.0	7.1	7.50	61	47	65	57.7
19	15.2	58.5	16.8	58.4	16.7	58.8	58.8	58.5	59.0	58.77	20.6	11.0	11.1		14.2	18.6	14.9	16.57	12.6	15.2	13.2	8.9	7.5	9.8	8.73	65	82	71	82.7
20	15.7	58.1	12.8	58.4	11.7	58.4	58.4	58.5	58.6	58.50	20.5	15.0	8.9		11.3	19.6	12.3	17.40	12.3	14.8	13.5	8.5	9.4	9.2	9.03	81	55	67	67.7
21	12.8	59.1	20.9	60.9	8.6	62.3	59.1	60.4	62.2	60.57	24.8	13.8	12.8		20.3	22.6	12.5	20.13	17.2	17.3	16.1	12.5	11.4	12.6	12.17	70	55	84	69.7
22	17.6	64.6	19.4	61.9	18.4	64.4	64.1	61.7	64.2	63.50	21.1	15.1	12.2		18.3	20.4	17.2	18.61	16.0	13.2	15.7	12.0	12.5	12.2	12.23	79	69	74	76.7
23	15.5	62.9	19.8	62.3	18.8	61.9	62.8	62.0	61.7	62.17	21.6	12.2	14.4		18.8	20.2	18.0	19.00	16.7	17.1	16.5	12.6	12.5	12.9	12.67	78	71	84	77.7
24	18.9	58.1	20.0	59.1	20.0	61.1	57.9	59.5	60.8	59.40	22.4	18.8	15.8		19.4	19.7	19.9	19.67	16.7	18.0	16.8	12.6	14.1	12.2	12.97	75	83	70	76.0
25	20.9	56.9	22.2	57.3	21.3	58.8	56.4	57.2	58.2	57.23	25.7	16.9	12.5		22.7	24.8	22.1	23.20	19.4	18.7	17.3	14.5	12.3	11.7	12.83	71	53	59	61.0
26	14.7	58.8	20.6	58.8	19.4	60.0	58.6	58.4	59.2	58.90	20.6	15.3	14.1		17.7	18.2	17.2	17.70	12.3	17.2	15.3	14.3	13.9	11.7	13.30	95	89	80	88.0
27	18.6	59.8	20.1	60.0	18.9	59.5	59.7	59.7	59.4	59.60	20.8	14.4	14.8		17.0	19.4	15.6	17.33	14.6	16.0	14.4	10.8	11.4	11.5	11.23	95	67	87	76.3
28	17.5	60.6	19.8	60.4	18.4	60.4	60.6	60.1	60.2	60.30	20.9	12.7	13.3		17.6	19.5	17.3	18.13	15.2	16.3	13.8	11.4	11.8	9.7	10.97	78	70	66	70.7
29	17.8	60.9	19.9	60.7	16.1	59.9	60.9	60.4	60.1	60.47	21.1	13.3	10.6		18.1	17.3	16.1	17.17	14.9	16.3	14.0	10.7	13.0	10.6	11.43	79	89	78	78.7
30	18.3	59.1	19.7	59.5	18.8	61.8	59.0	59.3	61.7	60.00	20.4		12.0		18.8	17.0	16.6	17.47	15.0	16.7	15.6	10.3	13.9	12.4	12.20	64	96	89	83.0
31																						12.7						
Sums 1–5							299.3	298.0	299.9	299.97	106.4	68.4	58.9		87.5	101.4	80.6	89.83					52.5	55.4	53.53	391	301	404	354.7
„ 6–10							294.5	294.5	295.5	295.50	113.1	78.0	71.2		94.4	103.8	94.6	97.80				62.1	52.9	58.3	61.10	389	296	378	354.3
„ 10–15							291.1	290.0	291.2	291.43	111.8	72.1	65.1		90.4	92.4	89.4	90.73				56.2	53.2	54.2	54.53	344	303	338	328.3
„ 15–20							286.7	288.5	291.1	288.77	92.6	64.6	48.3		75.4	84.9	73.6	77.97				43.7	42.1	41.7	42.50	344	292	335	323.7
„ 21–25							303.3	301.3	303.1	303.07	115.1	80.4	72.7		99.5	102.7	94.7	100.61				49.2	46.8	49.6	48.53	331	331	331	330.7
„ 26–31							298.5	299.2	301.1	299.27	111.1	72.6	62.3		89.2	91.9	82.8	87.30				37.5	40.0	36.9	38.13	299	299	299	299.0
Total Sums							1779.9	1774.2	1776.9	1775.00	646.7	436.1	383.5		546.4	585.7	515.7	546.59				314.9	275.4	284.3	291.53	2284	1994	2186	2154.7
Means							296.6	295.7	296.2	295.83	107.8	72.7	63.9		91.1	97.6	85.9	91.09				52.5	45.9	47.4	48.59	380	332	364	359.1

Barometer	**Maximum**	764.6	on 22 8½ am
„	**Minimum**	749.4	on 13 2½
Thermometer	**Maximum**	27.1	on 11
„	**Minimum**	11.0	on 20
Highest Temp. in Sun			on
Lowest „ on Grass		8.9	on 20
Rainfall	**Maximum**		on

No. of days with:

rain	8
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W	N W
8½ A.M	—	4	—	—	—	20	2	—
2½ P.M	6	4	—	—	1	17	1	—
8½ P.M	2	8	3	—	—	14	—	—
Totals	8	16	3	—	1	15	3	—

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.

…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.	
8.4	8.9	60	43	61	54.7	2 cu st		10 st		0		4.0	SW1	NE2	NE1	calm										
11.3	11.1	78	71	89	79.3	0		7 cu st		0		2.3	SW2	SW3	0	"										
11.3	11.16	85	68	77	76.7	0		4 cu		0		1.3	0	SW1	E1	"										Rather Hazy
11.3	10.83	72	65	90	75.7	4 cu		1 cu		0		1.7	SW1	SW2	E1	"										[illegible] in the morning
13.1	11.50	64	54	87	68.3	0		[illegible]		10 cu st		3.3	NE1	SW3	SW2	"										
9.9	11.53	73	71	82	62.0	10 cu st		10 cu		10 cu st		10.0	SW3	W2	SW3	"										[illegible] in the morning
12.2	12.03	66	56	70	64.0	10 cu		10 cu		0		6.7	0	0	SW4	"			0.22	0.22						" " " [illegible]
12.8	13.07	83	74	95	84.0	1 cu st		0		0		0.3	SW2	SW3	SW1	"										Hazy
11.8	12.3	80	74	86	80.0	5 st		0		1 st		2.0	SW1	W2	N1	"										" [illegible] in the morning
11.6	12.70	82	71	85	79.3	0		7 st		0		2.3	SW3	SW2	N1	"										
9.9	11.33	79	62	46	62.3	10 cu st		10 cu		10 cu		10.0	NE2	S5	SW3	v. slight										Rather Hazy
12.9	12.80	76	59	89	74.7	10 cu		10 cu		10 cu		10.0	SW3	SW2	SW1	calm										[illegible] a few drops at 7 pm
7.9	10.10	77	74	63	71.3	10 nimb		10 cu		10 cu		10.0	SW4	SW6	SW7	mod		0.22		0.22						
8.9	8.83	58	67	75	66.7	5 cu		2 cu		0		7.3	SW4	SW3	SW1	"		0.50		0.50						
11.6	10.47	64	61	65	63.3	0		9 cir cu		10 cu		6.3	NE1	NE3	SW4	slight										Hazy
9.0	8.97	77	68	77	74.0	10 cu		10 cu		10		10.0	SW1	SW6	SW7	mod			0.67	0.67						Hail at 8 pm
7.4	8.53	80	75	55	70.0	10 cu		5 cu		1 cu		5.3	SW1	NE1	NE3	[illegible]		2.40	0.15	2.55						" at night
7.1	7.50	61	47	65	57.7	9		0		0		0	SW1	W4	NE2	mod										
8.8	8.47	65	57	71	67.0	4 cu		2 cu		2 cu		2.7	SW1	W1	SW1	calm										
9.2	9.03	61	55	67	61.0	0		2 cu st		0		0.7	SW2	SW2	NE2	"										
12.6	12.17	70	55	84	69.7	4 cu		0		0		1.3	SW2	W1	SW1	calm		~~0.15~~	~~0.15~~							Rather Hazy " " Morn.
12.2	12.23	77	69	84	76.7	0		0		0		0	SW2	SW1	NE1	"										
12.9	12.67	78	71	84	77.7	0		0		0		0	NE2	W3	NE2	v. slight										
12.2	12.97	75	83	70	76.0	10 cu		10 cu		10 cu		10.0	0	N3	E1	calm										
11.7	12.83	71	53	59	61.0	10 cu		10 cu		10 cu		10.0	SW1	SW2	0	"										[illegible] a few drops at 8½ pm
11.7	13.30	95	89	80	88.0	10 nimb		10 cu		2 cu		7.3	SW2	SW3	SW3	"		0.15	0.35	0.50						
11.5	11.23	75	67	87	76.3	5 cu		3 cu		10 nimb		6.0	SW3	SW3	SW1	v. slight		0.15		0.15						
9.7	10.97	78	70	66	70.7	7 cu & cu		1 cu		0		1.7	SW2	SW3	NE2	"		0.15		0.15						
10.6	11.43	69	89	78	78.7	0		3 cu & cu st		0		1.0	SW3	SW2	0	"										
12.4	12.20	64	96	89	83.0	5 cu		0		0		1.7	0	NE2	NE2	"										
																"										
55.4	53.53	358	301	404	354.7	6		22		10		12.[illegible]														
58.3	61.10	384	346	378	369.3	26		27		11		21.[illegible]								0.22						
51.2	53.53	384	343	338	338.3	35		41		40		38								0.72						
41.7	42.50	344	392	335	321.7	24		19		13		18.[illegible]								3.42						
61.6	62.87	391	331	331	341.1	24		20		10		21.[illegible]								0.80						
[illegible]	58.13	[illegible]	[illegible]	400	396.7	27		17		12		18.[illegible]														
324.7	[illegible]	[illegible]	199.4	218.6	2143.[illegible]							131.2														
10.8	4.08	73.5	66.4	72.8	71.4	14.2		14.6		10.6		4.[illegible]								4.96						
						4.7		4.8		3.0																

Number of Daily Wind Observations.

S E	S	S W	W	N W	Calm	Totals
—	—	20	2	—	4	30
—	1	17	1	—	1	30
—	—	14	—	—	3	30
—	1	15	3	—	8	90

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

Abdullah Kassis
OBSERVER.

TO Dept of Agriculture
Washington

METEOROLOGICAL RI

THE OBSERVATORY, SYRIAN PROTESTANT C

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 1

Year 1911
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	18.7	763.5	20.1	762.9	18.9	763.7	763.4	763.5	763.4	763.4	28.2	14.4	12.9		19.4	20.4	18.2	19.3	16.4	16.7	16.6	12.2	11.7	13.0	12.3	71	65	84	73.3
2	19.1	62.7	21.4	62.3	20.6	60.9	62.2	61.1	60.5	61.4	28.2	15.6	14.4		14.9	21.7	19.9	20.5	17.2	19.5	17.8	12.8	15.2	13.7	13.9	93	79	79	83.0
3	20.6	58.4	23.2	58.2	22.3	58.0	57.8	57.5	57.3	57.5	26.8	17.8	16.1		21.2	24.4	23.2	23.3	18.6	18.3	17.2	14.1	11.0	11.7	12.2	75	42	59	58.7
4	21.1	59.5	22.8	60.2	20.6	60.7	59.1	59.4	60.2	59.5	24.0	16.8	15.5		20.6	22.6	18.4	20.5	18.4	19.4	17.8	15.0	14.5	14.7	14.7	84	72	93	83.0
5	21.2	61.9	24.1	62.6	19.8	63.0	62.6	62.1	62.7	62.5	23.3	15.0	13.5		19.6	21.1	17.7	19.4	17.5	17.8	16.3	13.5	12.9	13.5	13.3	80	69	85	78.0
6	20.3	63.4	20.7	63.5	19.6	63.9	63.8	63.0	63.0	63.3	21.2	16.0	14.2		19.0	21.0	17.6	19.2	15.9	17.2	15.7	11.5	11.9	12.7	11.8	71	65	80	72.0
7	19.5	62.4	21.4	61.8	20.2	61.4	62.2	61.4	60.8	61.4	24.4	16.1	14.0		18.3	21.6	17.7	19.5	17.2	18.1	16.1	13.2	13.1	12.8	13.1	79	68	82	76.3
8	20.6	60.7	22.1	61.0	21.1	59.8	60.2	60.2	59.8	60.1	23.9	16.1	13.8		21.9	22.1	19.3	21.1	17.9	18.9	18.3	10.1	14.0	14.9	13.0	54	70	89	71.0
9	20.1	57.8	23.2	61.0	21.1	58.0	57.5	60.2	60.2	59.3	26.2	16.1	14.4		21.1	25.4	19.9	22.1	16.1	20.0	16.7	10.6	13.7	12.0	12.1	57	57	69	61.0
10	20.5	59.1	23.4	59.8	20.7	59.2	58.7	59.1	59.0	58.9	28.8	16.2	15.7		20.4	22.2	18.8	20.5	17.6	18.6	17.2	11.0	12.5	13.9	12.5	73	69	89	76.3
11	20.1	60.2	22.4	59.7	20.6	59.2	59.9	59.4	59.0	59.4	24.2	16.7	15.7		20.3	22.3	18.4	20.6	18.2	19.9	18.2	13.5	14.9	15.3	14.5	79	69	97	81.5
12	21.3	55.6	22.9	55.6	21.2	55.2	55.1	54.9	56.8	55.6	24.2	18.3	16.6		23.1	23.0	21.1	22.4	18.8	20.5	17.8	11.3	16.5	16.9	14.2	63	77	69	69.7
13	20.6	59.0	23.3	58.6	21.7	58.1	58.6	58.8	58.0	58.4	24.8	17.1	15.6		21.9	23.8	19.4	21.7	19.7	20.7	18.9	15.3	15.8	15.0	15.3	79	71	95	81.7
14	21.3	55.7	22.9	58.5	21.6	55.4	55.5	57.8	55.1	56.1	24.4	14.7	13.7		20.3	23.7	19.4	21.1	18.4	19.9	17.8	14.8	14.7	14.0	14.5	84	68	84	78.7
15	21.1	55.6	22.8	55.3	21.3	54.4	55.1	54.6	55.4	55.0	23.3	16.6	15.4		21.6	22.9	20.4	21.6	18.2	18.7	18.9	13.2	13.6	15.0	13.9	68	65	84	72.7
16	24.4	52.6	24.2	52.4	22.8	52.6	51.6	52.5	52.9	52.0	31.8	20.0	17.2		31.7	24.9	21.6	26.0	19.3	19.4	17.1	14.9	20.2	17.8	16.5	28	57	61	48.7
17	21.7	58.4	21.3	58.4	22.2	59.1	57.8	57.9	57.9	57.9	24.1	20.0	18.2		24.9	22.8	19.3	22.3	18.3	19.3	17.8	11.3	14.2	14.0	13.2	52	69	84	68.3
18	22.2	58.4	23.3	58.8	21.4	58.6	58.9	59.0	58.3	58.7	23.8	17.2	17.0		21.6	23.8	19.4	21.6	18.8	19.4	17.7	13.4	14.4	13.8	13.9	73	55	89	72.3
19	20.9	59.2	23.3	58.4	21.1	58.8	59.4	58.6	58.4	58.8	24.0	18.2	16.2		21.3	23.6	19.9	21.6	18.7	19.9	17.2	14.1	14.7	13.2	14.0	79	68	84	77.0
20	22.2	57.6	24.7	55.5	22.7	57.0	56.9	56.6	57.3	57.0	24.6	19.3	18.2		22.2	24.7	20.4	22.7	19.9	20.3	19.2	15.4	15.8	15.5	15.6	70	67	84	75.7
21	21.7	60.9	23.6	61.5	21.7	62.7	60.3	60.7	61.5	60.8	25.4	18.3	17.7		21.6	23.7	19.5	21.6	17.8	18.8	17.4	12.6	13.3	12.3	13.0	66	64	79	69.7
22	21.1	61.4	23.3	59.9	22.2	61.0	60.9	59.2	60.4	60.1	26.4	17.8	13.8		22.4	23.8	20.8	22.3	19.4	20.0	16.9	14.6	14.7	12.8	13.7	78	66	64	69.3
23	23.3	56.9	24.9	56.1	23.9	57.2	56.1	55.1	53.3	54.8	27.8	19.4	18.9		25.5	25.2	24.9	25.2	20.2	21.6	18.6	10.1	13.9	8.6	10.8	41	58	36	45.0
24	23.9	54.0	25.0	54.1	24.2	50.8	53.1	53.1	50.0	52.0	26.8	20.0	18.3		23.0	25.4	24.3	24.2	20.5	21.7	16.0	16.0	16.5	9.2	13.9	79	68	40	62.7
25	22.5	53.5	23.9	54.4	22.2	58.8	52.8	53.5	54.3	53.5	24.7	19.4	18.4		21.6	23.6	19.9	21.7	17.4	18.5	16.5	12.3	12.5	11.8	12.2	69	57	69	65.0
26	21.2	52.4	21.7	55.1	19.8	56.3	52.0	54.5	56.0	54.1	22.2	17.9	17.2		19.3	20.1	18.4	19.2	15.4	16.1	15.4	10.7	11.1	11.1	10.9	64	63	72	66.3
27	19.9	57.8	20.8	57.7	19.6	57.6	52.6	53.3	57.4	57.3	24.0	15.0	14.9		18.8	20.1	15.7	18.2	14.7	18.0	14.6	12.7	13.7	11.6	12.7	78	79	88	81.7
28	18.9	58.6	21.2	58.4	19.7	60.2	58.5	58.9	59.9	59.1	23.3	13.9	11.6		16.1	21.6	17.7	18.4	15.6	16.6	15.5	12.8	11.0	11.7	11.8	94	57	92	67.3
29	20.1	59.8	22.0	60.4	20.6	59.6	59.5	59.8	59.2	58.5	23.8	15.0	13.4		21.0	22.7	17.8	20.5	17.3	18.8	15.8	11.3	12.1	12.1	12.1	67	59	80	68.7
30	20.7	58.4	22.9	58.5	21.3	58.9	58.0	57.8	58.4	58.0	24.0	16.1	15.5		22.1	22.7	19.9	21.5	17.6	18.9	17.7	12.1	13.7	13.5	13.1	61	67	78	68.7
31	21.6	60.6	22.8	61.3	21.7	61.9	60.2	60.6	61.4	60.7	24.4	16.7	16.8		21.6	23.4	19.9	21.6	18.9	19.5	17.8	14.3	14.1	13.7	14.0	74	66	79	73.0
Sums 1–5							1411.3	1409.2	1409.1	1409.9	116.5	79.6	72.4		100.7	112.2	96.4	103.1				67.6	65.3	66.2	66.3	383	327	400	370.3
" 6–10							1417.3	1409.0	1398.3	1408.2	118.1	80.5	72.1		101.7	112.3	92.8	102.2				58.4	66.2	60.8	61.8	348	327	379	349.8
" 10–15							1392.2	1384.6	1383.3	1386.7	121.5	83.4	79.0		102.2	116.7	98.6	105.8				70.1	76.5	76.2	74.3	383	350	429	387.5
" 16–20							1384.6	1382.6	1389.9	1385.7	133.1	94.7	86.8		121.7	118.8	100.6	113.7				69.6	78.7	67.8	72.0	381	331	385	365.7
" 21–25							1383.3	1381.6	1379.5	1381.5	131.7	94.9	87.1		114.1	121.2	109.4	114.9				55.6	70.9	59.7	62.1	345	312	388	348.3
" 26–31							1381.7	1378.9	1382.3	1380.9	131.2	93.3	89.4		118.9	130.6	107.4	119.0				58.8	75.9	73.7	69.4	345	312	388	348.3
Total Sums							1918.2	1810.9	1809.4	1808.2	762.2	565.4	486.8		664.3	711.8	602.2	661.6				406.1	443.5	371.5	406.1	2548	2238	2740	2508.8
Means							1538.2	1587.9	1583.9	1588.3	124.5	76.9	65.7		21.4	22.9	19.6	21.3				13.1	13.9	12.4	13.2	82.2	68.7	88.4	80.9

Barometer	**Maximum**	763.9	on 1
,,	**Minimum**	751.6	on 16
Thermometer	**Maximum**	31.9	on 16
,,	**Minimum**	13.9	on 28
Highest Temp. in Sun			on
Lowest ,, on Grass		11.6	on 28
Rainfall	**Maximum**		on

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	—	8	—	—	—	16	5
2½ P.M	2	6	—	—	—	21	2
8½ P.M	—	9	1	—	—	15	—
Totals	2	23	1	—	—	52	7

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 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.	
7	13.?	12.35	71	65	84	73.3	0		0		0		0	NE2	NE2	NE3		calm									Heavy ≏ in morn.
2	13.7	13.90	73	79	79	77.0	0		3cu st		0		1.0	,,	,,	NE2		,,									≏ at night
0	11.7	12.2	75	42	59	58.7	0		0		0		0	NW1	N1	SW1		,,									
5	14.7	14.73	84	72	93	83.0	1cu st		10cu ni st		0		3.7	SW2	SW2	0		,,									Heavy ≏ in Even
9	11.1	12.?7	80	69	85	78.0	5cu		10cu st		10cu st		8.3	W1	SW1	0		,,									,, ,, ,, morn
9	12.4	11.87	71	65	80	72.0	9cu		7cu st		0		5.3	W1	W1	NE1		,,									Rather Hazy
1	7.8	11.37	79	68	52	66.3	0		0		0		0	W1	N3	0		,,									,, ,, ≏ in morn
0	14.9	13.00	64	70	89	74.3	10cu st		10cu st		0		6.7	NE1	NE1	NE1		,,									,, ,, ,, ,,
7	12.0	12.19	57	57	69	61.0	5cu st		0		0		0.7	,,	W1	SW1		,,									,, ,, ,, ,, ,,
5	13.9	13.47	73	67	89	76.3	0		2cu		0		0.7	W2	SW1	SW1		,,									
9	15.3	14.57	79	69	97	81.7	6cu		7cu ci		0		4.3	SW1	SW2	0		,,									Rather Hazy ≏ [illegible]
5	12.9	14.23	61	77	69	69.7	10cu ni st		0		0		3.3	NE2	NE4	E1		slight									
1	15.0	15.37	79	71	95	81.7	0		0		0		0	NE1	SW2	0		calm									
7	14.6	14.50	84	68	84	78.7	2 st		0		0		0.7	SW1	SW1	SW1		,,									Heavy ≏ from even till morn
5	15.0	13.93	68	65	84	72.7	0		5cu st		5cu st		3.3	NE1	NE2	NE1		,,									≏ in morn. Rather Hazy
2	13.8	15.57	78	57	61	65.7	10cu st		10cu st		0		6.7	SW3	SW3	SW1		slight									
1	14.0	13.37	52	69	84	68.3	10cu		0		0		3.3	SW2	SW2	SW1		slight									
1	13.8	13.83	[illegible]	[illegible]	78	76.0	0		0		0		0.0	,,	SW2	SW1		,,									≏ at night
1	13.2	14.40	79	68	74	72.3	0		0		0		0.0	SW1	SW1	NE2		calm									Rather Hazy
	15.0	14.83	70	67	84	75.7	6cu st		0		0		2.0	W1	SW6	SW1		mod									
	13.3	13.07	66	63	79	69.7	0		2cu st		0		0.7	SW2	SW2	SW1		slight									
	11.5	13.70	72	66	64	67.3	0		0		0		0	SW1	SW1	SW1		calm									
	8.6	11.37	41	58	36	45.0	2 st		10cu st		5 st		5.7	0	NE1	0		,,									
	9.2	13.90	77	68	40	61.7	0		0		0		0	NE1	SW1	SW1		,,									
	11.8	12.20	67	57	69	63.7	8cu		0		2cu		3.3	SW4	SW2	SW2		slight		0.10	0.10						
	11.1	10.97	64	63	72	66.3	10cu nimb		10cu		2cu		7.3	SW5	SW4	SW2		mod	0.20	0.55	0.75						
	11.6	12.70	78	79	88	81.7	2cu		9cu		0		3.7	SW4	SW5	NE1		slight	0.14	0.15	0.29						
	11.7	11.83	94	57	42	64.3	6cu		0		0		2.0	SW1	SW2	SW1		calm	0.16		0.16						
	12.1	12.17	67	59	80	68.7	0		1cu st		0		0.3	SW2	SW3	SW1		,,									
	13.5	13.10	61	67	78	68.7	0		1cu		0		0.3	SW1	SW2	NE1		,,									
	13.7	14.03	74	66	79	73.0	0		0		0		0	,,	SW1	NE1		,,									Rather Hazy
	66.2	66.37	389	327	400	370.7	6		23		10		13.0														
	60.8	61.81	344	327	379	349.9	24		19		0		14.4														
	61.2	72.60	373	350	419	381.5	18		12		6		12.0														
	67.8	72.09	301	331	385	339.0	26		10		0		12.0								0.10						
	54.7	63.74	331	312	288	323.4	10		12		7		9.7								1.20						
	23.7	24.80	[illegible]	[illegible]	[illegible]	[illegible]	18		21		2		13.6														
	375	411.06	2166	2038	2320	2173.8	102		97		25		74.7								1.30						
	12.?	13.26	69.9	65.7	74.8	70.1	3.2		3.1		0.8		2.4														

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
-	—	—	16	5	1	1	31
	—	—	21	2	—	—	31
	—	—	15	—	—	6	31
	—	—	52	7	1	7	93

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

Abdullah Kasir
OBSERVER.

TO Dept. of Agriculture
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

Year 1911
Month June

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	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	22.2	763.3	23.9	764	22.3	764	762.7	763.4	763.4	763.17	25.2	18.3	18.3		22.8	24.3	24.1	23.73	19.5	21.1	19.1	14.5	16.1	14.1	14.5	70	72	80	74.0
2	22.8	63.5	24.8	62.5	22.6	61.3	62.5	61.9	60.7	61.70	26.6	18.9	18.7		23.9	25.3	24.4	23.60	20.5	20.8	19.4	15.5	15.0	15.1	15.2	70	63	79	70.7
3	24.4	61.4	26.2	52	23.8	59	60.6	55.9	58.4	58.30	32.8	21.0	18.3		26.6	25.9	24.8	24.77	19.0	21.8	19.4	11.7	14.3	15.1	14.37	49	65	77	63.3
4	22.8	61.3	24.9	61.9	22.9	62	60.6	60.9	61.9	61.13	26.1	18.8	17.7		22.7	24.9	20.0	22.53	18.7	21.1	16.7	13.9	15.6	12.0	13.83	68	67	69	68.0
5	22.9	62.5	22.4	61.9	22.4	60.2	61.7	61.0	60.2	60.97	25.8	18.7	16.3		23.8	24.7	22.1	23.53	18.3	20.0	16.1	9.7	14.8	10.2	11.57	56	64	51	57.0
6	23.1	60.3	24.5	59.7	23.1	60	59.6	58.8	59.5	59.30	26.2	18.3	15.1		22.7	25.5	24.1	24.10	19.5	19.1	18.3	14.6	13.7	12.1	13.47	72	54	54	60.0
7	22.3	60.7	24.4	60.5	22.8	60.4	60.0	59.5	59.3	59.60	26.1	18.8	15.7		22.2	24.9	23.2	23.43	19.4	20.6	19.9	14.8	14.9	15.0	14.90	74	63	71	69.3
8	23.4	59.4	24.9	59.7	23.3	60.0	58.6	58.7	59.3	58.87	26.2	20.0	18.4		23.2	25.6	24.9	24.57	19.2	21.2	19.3	13.7	15.5	14.9	14.70	62	69	75	68.6
9	23.3	60.1	25.0	60.6	23.3	61.2	59.3	59.6	60.5	59.80	26.0	18.3	18.1		23.2	25.1	24.4	24.23	20.4	19.7	18.4	15.7	13.6	13.7	14.33	75	58	72	68.3
10	23.4	62.5	25.0	62.9	23.6	62.9	61.8	61.8	62.2	61.93	26.2	18.2	18.4		22.6	25.4	24.1	24.37	19.3	21.1	19.7	14.4	15.4	15.3	15.03	71	64	78	71.0
11	23.9	62.9	25.4	62.6	24.0	61.9	62.0	61.5	61.0	61.50	26.7	19.4	17.8		24.4	25.7	24.7	24.97	21.2	21.5	19.9	16.3	16.0	15.3	15.87	78	69	76	74.3
12	24.4	61.9	26.7	60.7	23.9	60.2	60.1	59.6	59.4	59.70	27.3	20.6	18.1		25.2	26.6	25.8	25.87	20.6	22.5	21.1	14.5	17.1	17.2	16.27	61	65	84	70.0
13	24.5	59.9	26.4	60.0	24.7	59.1	59.0	58.8	58.1	58.63	27.8	19.4	18.1		24.9	26.3	23.3	24.83	22.2	22.7	21.7	17.7	17.7	18.0	17.80	79	70	84	76.3
14	24.4	59.4	26.1	59.4	24.7	58.8	58.4	58.2	57.9	58.17	27.2	21.4	19.3		24.6	25.9	24.8	25.13	21.5	23.0	21.2	16.7	16.6	15.8	16.36	73	66	69	69.7
15	23.9	58.4	25.9	58.6	24.0	58.1	57.6	57.6	57.2	57.47	27.1	19.4	17.3		23.8	25.5	23.0	24.77	20.1	20.5	19.8	14.8	14.5	15.6	14.97	63	60	80	67.7
16	24.9	59.1	26.1	57.9	24.4	57.3	58.1	56.7	56.3	57.03	27.8	19.2	19.1		24.4	26.4	22.6	24.47	21.1	22.0	21.1	16.1	14.4	17.4	16.00	78	63	85	75.3
17	24.6	56.7	26.6	56.1	24.0	56.3	55.8	55.4	55.1	55.43	27.2	19.8	20.9		25.3	26.8	23.9	25.00	21.6	22.3	21.1	16.4	16.5	15.1	16.00	68	62	72	67.3
18	24.4	57.5	26.5	58.0	25.1	58.1	56.5	56.9	57.2	56.87	28.1	19.9	18.3		24.8	27.3	23.7	25.27	21.0	22.9	20.2	15.8	17.3	16.5	16.53	68	64	78	70.0
19	24.6	58.9	26.1	59.4	24.2	59.4	57.9	58.2	58.5	58.20	27.9	19.4	18.3		25.6	26.3	23.9	24.93	19.3	19.0	16.6	12.8	11.9	13.7	11.70	52	47	49	49.3
20	24.3	59.2	25.6	59.1	24.2	58.0	58.2	58.0	57.2	57.80	27.6	19.4	17.8		25.2	25.5	23.6	24.77	18.3	21.0	19.3	11.5	15.2	14.2	13.63	47	66	63	58.6
21	24.4	58.4	26.3	60.5	24.9	57.6	57.6	58.1	56.5	57.93	28.1	19.8	18.5		24.8	27.7	24.3	25.60	21.2	21.7	19.3	16.0	15.0	18.2	15.40	67	54	64	61.3
22	24.5	57.8	27.2	58.0	25.8	58.1	56.8	56.6	57.0	56.80	29.2	19.9	16.9		24.8	27.7	24.3	25.60	21.6	22.6	22.2	16.8	16.6	21.1	17.50	73	60	80	71.0
23	25.2	58.4	27.2	57.1	25.6	59.7	55.3	56.4	56.6	56.77	29.3	20.9	17.6		26.1	27.2	24.5	26.23	23.7	23.4	24.1	19.3	18.3	16.8	19.77	74	68	91	78.0
24	24.9	59.9	26.9	60.6	24.6	59.5	58.8	59.3	59.3	59.13	28.8	22.0	20.3	17.7	22.3	27.3	23.7	24.43	21.2	22.9	22.2	16.2	12.4	18.1	15.57	68	64	77	69.7
25	24.3	59.2	27.2	58.8	23.9	57.6	58.4	57.5	57.6	57.83	28.4	19.6	17.7		24.4	27.3	23.8	25.17	21.7	23.3	24.9	17.2	16.2	17.1	16.83	73	60	82	71.5
26	25.1	55.9	27.2	56.8	25.6	56.5	54.9	55.6	55.4	55.30	28.3	20.7	19.4		25.5	27.3	23.8	25.53	21.7	22.6	21.7	16.5	16.7	18.9	16.70	67	61	81	69.7
27	26.1	56.1	27.2	56.2	25.6	55.7	54.9	54.8	55.4	54.80	29.3	21.8	19.7		26.1	27.7	24.8	26.20	22.9	23.8	22.7	18.2	18.8	17.1	18.03	72	68	80	73.3
28	26.5	55.3	28.2	56.8	26.2	56.5	56.2	55.5	55.5	55.73	30.4	22.4	20.6		27.9	27.2	28.2	27.77	23.4	22.7	23.3	17.9	17.1	20.1	17.70	64	68	81	71.0
29	26.5	55.7	28.5	57.0	24.7	55.3	56.5	56.5	58.6	57.20	29.4	21.8	19.7		26.3	28.3	25.2	26.73	24.1	24.4	23.7	20.4	16.2	19.8	18.80	80	62	81	74.3
30	26.4	57.8	28.4	58.1	27.0	57.5	56.6	56.6	56.3	56.50	30.3	22.2	20.6		27.4	28.8	25.3	27.83	23.6	24.9	23.9	19.4	20.1	-	19.77	72	58	82	70.7
31																												
Sums 1–5							308.1	303.1	304.6	305.27	136.5	87.7	89.3		119.8	125.1	116.6	117.16				65.1	72.8	71.5	71.47	307	331	355	331.0
„ 6–10							298.3	298.4	300.8	299.50	130.8	84.6	84.4		113.9	126.5	112.7	118.70				73.2	73.1	71.0	72.43	351	305	350	335.3
„ 10–15							297.1	295.7	293.6	295.47	136.1	100.2	92.1		129.1	130.0	115.7	124.87				80.0	81.9	82.0	81.31	349	326	391	355.3
„ 16–20							286.5	285.2	284.3	285.33	138.1	99.7	94.4		125.3	132.3	115.3	124.44				72.6	72.3	71.7	72.20	305	306	391	334.0
„ 21–25							286.9	289.4	282.1	286.13	133.8	90.5	88.9		122.9	132.2	121.0	125.03				85.5	83.5	89.1	86.03	358	301	391	350.0
„ 26–31							299.1	279.0	280.5	279.53	147.4	103.9	99.9		132.2	140.3	130.9	133.97				94.4	89.9	93.6	92.63	359	306	395	353.3
Total Sums							1520	1503	1505	1509.23	831	581.6	565		770	791.4	698.2	753.61				478	482	478.9	479.3	2054	1899	2328	2093.7
Means							304	300.6	301	301.85	138.5	96.9	94.2		128.3	131.9	116.3	125.49				79.8	80.3	79.8	79.97	342.3	316.5	388	348.9

Barometer	Maximum	764.2	on 1	2½ A.M.	
„	Minimum	750.6	on 26	8½ P.M.	No. of days with:
Thermometer	Maximum	32.3	on 3		rain .....
„	Minimum	13.8	on 7		thunderstorms .....
Highest Temp.	in Sun		on		fog .....
Lowest „	on Grass	16.1	on 7		gale .....
Rainfall	Maximum		on		

Number of Daily Wind Observations.

Time	N	N E	E	S E	S	S W	W	N W
8½ A.M	2	1	—	—	—	21	—	—
2½ P.M	1	6	—	—	—	22	1	—
8½ P.M	1	4	—	—	1	11	—	—
Totals	4	11	—	—	1	54	1	—

)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	3½	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.	
15.1	14.1	14.62	70	72	80	74.0	0		0		0		0	0	NE 2	0		calm									
15.0	14.1	14.55	74	63	79	70.7	0		0		0		0	NE 2	NE 2	0											
14.3	15.1	14.70	49	65	77	63.3	1cm		4cm		1cm		5.7	0	SW 2	SW 2											a at night
15.6	14.0	13.31	66	67	69	67.3	0		0		0		0	SW 2	SW 2	0											
14.8	13.2	13.85	58	64	54	57.0	0		0		0		0	SW 1	NE 2	NE 2											Heavy a in morn.
12.7	12.1	12.47	74	96	54	80.7	0		0		0		0	SW 2	W 1	0											
14.9	15.0	14.99	74	69	71	69.3	1cm		1cm		0		0.7	SW 2	SW 2	SW 1											a in the morn.
15.5	14.9	14.92	62	69	75	68.6	0		0		0		0	SW 3	SW 3	SW 2		slight									
13.6	13.7	13.70	75	58	72	68.3	1cm		0		0		0.7	SW 1	SW 2	SW 1		in slight									
15.4	15.3	15.43	71	69	78	71.0	0		0		0		0	SW 2	SW 1	0		calm									
16.0	15.3	15.81	75	69	76	71.3	0		0		0		0	NE 1	NE 2	0											
17.1	13.2	14.23	61	69	84	78.0	0		0		0		0	SW 1	SW 1	C											
13.7	12.0	12.34	79	70	84	76.3	0		0		0		0	SW 2	SW 1	SW 1											Heavy a at night
14.4	15.9	14.96	73	66	63	68.7	0		0		0		0	SW 1	SW 1	0											a at night.
14.5	15.6	14.95	63	60	80	67.0	3cm		0		0		1.0	SW 2	SW 2	0											
14.4	17.9	16.03	71	83	85	79.3	9cm		0		0		3.0	SW 1	SW 1	SW 3											Rather Hazy
16.5	15.4	15.80	69	62	73	68.0	0		0		0		0	SW 5	SW 3	SW 2		slight									
13.3	10.2	11.60	68	64	70	67.3	0		0		0		0	SW 2	SW 2	NE 1		slight									Rather Hazy
11.9	13.7	11.76	52	47	49	49.3	0		0		0		0	0	NE 2	NE 2		slight									
15.2	14.2	13.97	77	64	63	68.0							0	0	NE 1	0		calm									
15.0	18.2	15.10	67	54	64	62.3	0		0		0		0	0	NE 1	NE 1											
16.0	21.2	17.10	73	60	80	71.0	0		0		0		0	SW 2	SW 2	SW 1											
18.3	16.8	19.77	74	68	92	78.0	2cm		0		0		0.7	0	SW 1	0											
17.4	18.1	11.80	68	64	77	69.7	0		0		0		0	SW 1	SW 1	SW 1											
16.2	17.1	17.17	75	60	82	72.3	5cm		1cm		10cm		5.3	SW 1	SW 2	SW 1											
16.7	18.9	16.97	67	61	81	69.7	0		0		0		0	SW 2	SW 2	0											a in the morning
18.8	17.1	18.63	72	68	80	73.3	0		0		0		0	SW 1	SW 2	NE 2											a in the morning
17.1	20.1	17.37	64	64	82	70.0	0		0		0		0	NE 1	SW 1	0											
16.2	19.8	18.90	80	62	81	74.3	1cm		0		0		0.3	SW 1	SW 1	SW 1											a in the morning
20.1	-	19.77	76	68	82	75.3	0		0		0		0	SW 1	SW 2	SW 1											
17.8	21.5	21.44	307	331	355	331.0	8		4		5		5.7														
23.1	21.0	22.43	351	305	350	335.3	2		1		0		1.0														
21.9	22.0	21.31	349	326	391	355.3	3		0		0		1.0														
23.3	21.7	23.37	307	308	341	318.9	9		0		0		3.0														
23.5	24.1	26.09	359	306	395	353.3	7		1		10		6.0														
20.9	23.6	21.67	359	323	406	362.6	1		0		0		0.3														
18.5	18.9	18.73	204	189	233	208.6	30		6		15		17.0														
16.0	15.9	15.89	68.0	63.3	74.6	68.6	4.0		0.2		0.5		0.76														

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
—	—	—	21	—	—	6	36
—	—	—	22	1	—	—	30
—	—	1	11	—	—	13	30
—	—	1	54	1	—	19	90

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

Abdullah Kassis
OBSERVER.

TO Dept. of Agriculture
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METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

Year 1911
Month July

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	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	25.8	760.6	28.3	758.8	26.1	758.2	756.9	757.4	758.3	757.49	29.8	22.2			26.5	27.2	25.5	26.4	23.9	23.6	23.1	19.7	18.8	19.4	19.4	77	77	82	78.3
2	26.2	61.0	28.3	62.0	26.4	61.9	59.8	60.5	60.8	60.37	29.7	23.6			26.1	28.3	24.3	26.2	22.7	22.7	22.2	17.8	16.4	18.1	17.4	70	67	81	72.7
3	26.0	62.7	27.8	62.6	25.9	61.7	61.5	61.2	60.8	61.17	29.8	22.7			26.2	27.7	23.9	25.9	21.8	22.1	21.1	16.9	16.5	16.4	16.2	63	65	74	65.3
4	25.1	60.8	27.3	60.3	25.9	59.9	59.7	58.9	57.9	58.83	28.3	22.7			25.4	28.2	24.9	26.17	21.8	22.1	21.4	15.6	15.5	16.3	15.8	65	58	69	62.7
5	25.4	58.1	27.3	57.2	26.1	56.1	57.1	55.9	58.8	55.93	29.1	21.6			25.5	27.8	25.0	26.10	20.9	22.6	21.7	15.1	16.4	17.7	16.4	61	65	75	65.0
6	25.6	55.7	27.7	56.0	26.2	55.8	55.5	54.7	59.6	54.93	28.9	22.4			25.3	26.9	24.8	25.67	20.5	21.6	21.4	14.2	15.4	16.5	15.3	57	57	70	61.3
7	26.1	52.6	27.8	58.5	26.4	58.5	58.4	57.1	57.2	56.90	29.3	21.1			26.9	28.1	25.2	26.73	22.1	22.8	22.2	16.1	16.7	16.0	16.2	60	58	73	63.7
8	26.2	59.3	28.3	59.6	26.8	58.7	58.1	58.2	52.5	57.93	30.0	21.6			26.3	29.0	25.7	27.00	22.9	23.9	23.2	18.1	18.1	19.0	18.4	71	64	77	69.3
9	26.8	59.4	29.2	59.0	27.2	58.3	58.2	57.5	57.5	57.73	30.7	23.3			26.2	28.3	25.5	27.00	23.3	24.5	25.2	18.8	18.9	20.1	19.4	74	62	84	73.3
10	26.7	59.0	28.7	59.4	26.7	58.8	58.3	57.9	57.1	57.57	30.6	22.7			26.6	28.8	25.9	27.10	23.8	24.4	22.6	19.6	19.4	20.3	19.7	76	68	71	71.7
11	26.7	58.1	28.2	57.9	26.9	57.4	56.9	56.5	56.1	56.50	29.7	23.3			26.6	28.6	25.5	26.90	23.3	23.9	22.9	18.4	18.2	18.8	18.47	71	62	76	69.7
12	26.8	57.6	28.3	57.7	26.8	57.6	56.3	56.2	56.3	56.27	30.1	23.3			26.5	28.5	24.9	26.47	22.8	23.3	22.1	17.8	17.0	18.2	17.33	68	58	80	68.7
13	25.9	58.1	28.3	57.6	27.2	57.3	57.0	56.1	56.0	56.37	30.1	21.4			26.4	29.4	25.5	27.43	22.1	24.3	23.3	16.5	18.9	19.0	18.27	64	63	80	69.0
14	27.2	57.4	29.1	57.6	27.2	57.1	57.1	56.0	55.0	55.70	30.1	23.4			27.8	29.7	25.8	27.77	24.6	25.3	23.9	20.1	20.3	20.5	20.30	83	65	83	77.7
15	26.8	54.9	28.9	55.1	27.2	54.8	53.6	53.6	53.1	53.43	31.0	23.9			27.8	30.5	25.9	28.07	23.6	25.1	23.7	18.8	19.3	20.2	19.43	70	55.7	81	70.0
16	27.2	54.5	28.3	54.7	27.1	54.8	53.1	53.2	53.9	53.33	31.2	24.3			28.1	29.6	26.1	27.93	23.2	24.4	24.2	17.5	18.5	19.0	18.3	63	60	79	67.3
17	26.7	56.0	28.8	56.5	27.7	55.8	54.7	55.5	55.6	55.27	31.8	23.2			27.7	29.7	25.6	27.67	22.3	23.9	23.3	16.1	16.8	17.4	16.77	58	55	71	61.3
18	26.3	53.0	28.4	53.5	26.5	53.3	55.8	56.0	55.9	55.90	32.2	22.2			27.2	28.8	25.4	27.13	21.8	22.7	22.1	15.9	16.0	17.2	16.37	57	51	71	59.7
19	26.4	56.5	28.8	56.5	27.2	56.4	55.4	55.0	55.0	55.13	30.2	22.8			26.5	29.4	25.6	27.23	22.2	23.8	23.9	15.2	17.1	18.5	17.63	66	60	76	67.3
20	26.8	55.6	28.9	56.0	27.6	56.4	56.3	54.4	54.7	54.37	31.1	23.1			27.5	29.9	25.5	27.63	23.6	25.2	24.4	18.5	19.9	21.2	20.00	68	57	84	73.0
21	27.0	57.3	29.2	58.0	27.8	58.2	56.0	56.4	56.8	56.37	30.8	23.5			27.7	29.4	25.6	27.57	23.6	24.8	23.4	18.4	19.4	19.5	19.10	67	56	80	67.7
22	26.7	58.0	28.9	59.0	27.8	59.0	56.8	57.5	57.6	57.30	30.6	22.2			27.0	29.4	26.0	27.47	24.6	25.8	25.5	16.9	17.7	16.9	17.17	63	58	78	66.3
23	27.2	58.4	28.9	59.4	27.9	59.8	57.0	58.8	56.3	57.37	31.2	22.8			27.7	29.4	26.6	27.90	24.8	25.8	24.8	19.5	20.2	19.7	19.80	70	58	76	68.0
24	27.3	57.5	29.6	57.8	28.1	57.8	56.2	56.2	58.7	57.03	31.6	23.2			27.8	29.6	26.1	27.17	24.8	25.1	23.8	19.6	21.4	20.0	20.33	71	58	79	69.0
25	27.0	57.8	29.4	57.2	27.9	57.4	56.5	56.2	58.5	57.07	31.5	22.7			27.4	28.3	26.1	27.27	24.4	24.2	24.7	20.8	17.6	17.9	18.50	72	55	71	66.0
26	26.7	56.8	29.4	56.8	27.2	56.4	55.4	55.5	55.0	56.03	31.1	22.6			27.7	29.6	26.0	27.77	23.9	24.4	24.9	18.1	18.6	18.4	18.37	65	60	73	66.0
27	26.2	56.9	29.1	56.6	27.8	57.4	55.7	56.0	56.1	55.93	31.0	21.5			27.2	29.4	26.8	27.47	23.2	24.3	23.1	17.9	18.6	18.7	18.40	67	61	75	67.7
28	26.4	58.8	28.9	57.4	27.3	58.8	57.7	57.8	57.5	57.67	30.2	22.2			27.1	29.7	26.4	27.73	23.8	25.2	25.2	19.3	20.1	18.5	19.30	73	65	92	76.7
29	27.3	58.9	29.2	59.0	27.7	58.8	57.5	57.4	56.9	57.27	31.4	22.8			28.1	30.1	26.6	28.28	23.8	24.2	23.4	18.5	16.5	18.8	17.93	66	57	72	65.0
30	27.5	58.1	29.8	58.3	27.2	58.7	56.4	57.1	57.4	56.97	31.8	22.2			27.8	29.7	25.5	27.67	23.8	24.4	24.7	18.6	18.4	16.5	17.83	67	59	67	64.3
31	26.7	58.3	28.9	59.4	27.6	57.2	57.1	57.9	57.8	57.60	31.6	22.3			27.8	29.9	27.6	28.43	24.2	25.5	25.3	16.3	20.5	17.4	18.07	55	65	63	61.3
Sums 1–5							295.0	293.9	292.5	293.83	146.3	111.3			129.7	139.2	123.2	130.70				84.5	83.6	87.9	85.33	386	309	381	359.0
„ 6–10							285.9	285.4	283.9	285.06	149.5	112.1			134.3	142.1	127.1	134.50				86.8	88.5	91.5	89.27	385	305	375	355.0
„ 10–15							279.9	278.4	276.5	278.27	141.5	115.3			134.5	146.7	127.1	136.10				91.8	93.7	91.9	92.80	407	307	406	373.0
„ 16–20							283.3	284.1	284.6	284.00	143.9	115.8			132.4	142.4	128.2	134.33				83.3	89.0	93.8	89.00	406	290	381	359.0
„ 21–25							282.5	285.1	282.7	283.43	145.1	116.2			135.1	146.1	130.5	137.23				94.4	96.3	94.0	94.90	438	312	388	379.3
„ 26–31							278.0	278.2	278.7	278.30	141.2	113.3			132.6	138.6	132.7	134.63				103.8	119.7	103.0	108.83	485	358	441	428.0
Total Sums							1756.6	1754.6	1756.1	1756.43	944.3	718.9			826.3	889.9	793.9	836.70				549.5	563.8	552.6	555.30	2734	2084	2354	2390.7
Means							281.6	280.8	281.0	281.13	151.1	115.0			132.3	142.4	127.1	133.93				87.9	90.2	88.3	88.80	437	333	376	382.5

Barometer	Maximum	762.7	on 3 8½ am
„	Minimum	753.1	on 15 8½ pm
Thermometer	Maximum	31.8	on 30
„	Minimum	21.1	on 7
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	—	—	—	26	1	—
2½ P.M	—	—	—	—	—	27	4	—
8½ P.M	2	—	—	—	—	17	2	1
Totals	2	1	—	—	—	70	7	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.

Humidity 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	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.
18.8	19.4	19.4	77	70	82	76.3	0		0		0		0	SW1	SW1	0		calm									
16.4	18.1	17.43	70	67	81	72.7	10cu		0		1cu		3.7	SW1	SW1	0		"									
16.5	16.4	16.23	63	57	74	65.3	2cu		0		0		0.7	SW1	SW2	0		"									
15.5	16.3	15.8	65	54	69	62.7	0		0		0		0	W1	W1	N1		"									
16.4	17.7	16.40	61	59	75	65.0	0		0		10cu		3.3	SW3	SW3	SW1		"									
15.4	16.5	15.37	57	57	70	61.3	0		9cu		8cu		6.3	SW1	SW3	0		"									
16.7	16.0	16.27	60	58	73	63.7	7cu & cir		8cu		4cu		6.3	E2	W1	NW2		"									
18.1	19.0	18.4	71	60	77	69.3	1cu		1cu		0		0.7	0	W2	W1		"									
18.9	20.1	19.43	74	62	84	73.3	10cu		0		0		3.3	SW1	SW1	W1		"									
19.4	20.3	19.77	76	68	71	71.7	0		5cu		0		1.7	SW1	SW2	N1		"									
18.2	18.8	18.47	71	62	76	69.7	0		0		0		0	0	SW2	SW1		"									
17.0	18.2	17.33	68	58	80	68.7	0		0		0		0	SW1	SW2	SW1		"									Rather Hazy
18.9	19.8	18.27	64	63	80	69.0	0		0		0		0	SW1	SW3	SW1		"									
20.3	20.5	20.36	73	65	83	73.7	0		1cu		0		0.3	SW2	SW	0		"									
19.3	20.2	19.43	70	59	81	70.0	0		0		0		0	SW3	SW3	SW1		"									
18.5	19.0	18.30	63	60	74	65.7	1cu		0		0		0.3	SW3	SW3	SW1		slight									
18.8	17.4	16.77	58	55	71	61.3	1cu		0		0		0.3	SW3	SW1	SW1		slight									
16.1	17.2	16.27	57	54	71	60.7	1cu		0		1cu		0.7	SW3	SW2	SW3		"									
17.1	18.5	17.63	60	58	76	64.7	1cu		0		0		0.3	SW2	SW2	SW1		"									
19.9	21.7	20.1	68	63	89	73.3	0		0		0		0	SW4	NW2	SW1		"									
19.4	19.5	19.16	67	63	80	70.0	0		0		0		0	SW2	SW2	0		calm									Rather Hazy
17.7	16.9	17.17	63	58	78	66.3	0		0		0		0	SW1	SW4	0		"									
19.2	19.7	19.83	70	58	76	68.0	0		0		0		0	SW1	SW1	SW1		"									
21.4	20.0	20.33	71	78	79	76.0	1cu		0		0		0.3	SW2	SW2	0		"									
17.6	17.9	18.50	72	55	71	66.0	0		0		0		0	SW1	SW2	SW1		"									
18.6	18.4	18.37	65	60	73	66.0	1cu		0		0		0.3	SW1	SW1	SW1		"									
18.6	18.7	18.40	67	61	75	67.7	0		0		0		0	SW2	SW2	0		"									
20.1	18.5	19.30	73	65	72	70.0	0		0		0		0	SW1	SW2	SW1		"									
17.5	18.8	17.93	66	51	72	63.0	0		0		0		0	SW1	SW1	SW1		"									
17.9	16.5	17.83	67	59	67	64.3	0		10cu		3cu		4.3	SW1	SW3	SW2		slight									
18.05	17.4	18.07	55	65	63	61.3	0		0		0		0	SW1	SW1	SW1		calm									
36	87.9	85.39	336	309	381	342.0	12		0		11		7.7														
85	92.5	89.27	385	305	375	339.3	9		23		12		18.3														
17	96.9	93.80	[illegible]	307	406	351.1	0		1		0		0.3														
70	93.8	89.00	306	290	381	325.7	4		0		1		1.6														
3	94.0	94.90	338	312	389	346.3	1		0		0		0.3														
27	103.3	109.90	435	356	422	390.0	1		10		3		4.6														
38	572.5	557.2	2082	1884	2349	2096.4	22		34		27		32.8														
9	18.3	17.97	65.8	60.7	75.7	67.6	0.9		1.1		0.9																

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
—	—	—	26	1	—	2	31
—	—	—	27	4	—	—	31
—	—	—	17	2	1	9	31
—	—	—	70	7	1	11	93

No. and make of:

Barometer }

Thermometers

Dry and Wet }

Maximum }

Minimum }

Rain gauge }

Abdullah Kasis
OBSERVER.

TO Department of Agriculture
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10

Year 1911
Month August

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	26.7	756	29.4	758	27.8	758	757.6	757.2	758.0	757.6	32.8				22.3	27.2	31.0	26.7										
2	27.3	758	28.8	758	27.7	757	757.2	757.2	756.0	756.8	31.7				22.2	27.2	29.7	26.2										
3	26.7	756	29.0	756	27.3	755	755.1	755.0	754.1	754.7	30.6				22.6	27.3	29.4	25.5										
4	27.3	755	29.5	755	27.8	755	754.3	754.2	753.9	754.3	30.8				22.2	27.7	29.9	26.6										
5	27.6	756	29.6	756	27.9	756	755.1	754.8	754.9	754.9	30.6				22.4	27.5	29.9	26.0										
6	27.1	756	29.3	756	27.8	756	755.0	755.1	754.9	755.0	30.8				22.2	27.7	29.7	25.5										
7	27.6	756	29.2	756	27.9	756	755.0	754.6	755.4	754.8	30.9				23.4	27.3	29.6	26.1										
8	27.8	756	29.8	756	28.1	756	754.9	754.8	753.9	754.5	30.9				23.6	27.8	30.6	26.6										
9	26.9	756	29.6	756	27.8	756	755.0	755.2	754.6	754.9	31.8				22.2	27.4	29.7	26.1										
10	27.1	756	29.9	756	27.9	756	755.7	754.3	754.2	754.7	31.0				21.4	28.3	29.7	26.2										
11	27.2	756	29.4	756	27.2	757	755.8	754.9	755.8	755.5	30.5				23.3	28.1	29.7	26.1										
12	26.8	757	28.9	757	27.5	756	755.8	755.8	755.5	755.7	30.3				22.4	27.6	28.8	26.1										
13	26.8	756	29.3	757	28.3	756	755.6	755.4	755.5	755.5	30.0				22.7	27.3	29.4	26.1										
14	27.3	756	28.7	756	28.0	756	755.5	754.5	753.9	754.6	30.3				22.9	27.0	28.7	25.7										
15	27.3	756	29.4	756	27.8	756	755.1	753.9	754.5	754.5	30.6				22.2	27.3	30.2	26.1										
16	27.2	756	29.8	757	28.3	758	755.1	755.6	756.4	755.7	30.1				22.8	27.7	30.1	26.7										
17	27.3	758	28.9	757	27.6	757	756.5	755.8	756.0	756.1	30.6				22.2	26.7	29.7	26.4										
18	26.6	756	28.8	756	27.6	756	755.3	754.7	754.7	754.9	30.7				21.7	26.7	29.2	25.6										
19	26.6	756	28.7	756	27.8	756	755.1	754.4	754.1	754.5	30.8				22.2	26.9	29.1	26.0										
20	26.8	756	29.4	757	27.7	757	756.1	756.1	756.2	756.1	30.6				21.8	27.4	29.5	26.3										
21	26.8	757	29.4	756	27.8	757	755.8	755.2	755.6	755.5	30.6				22.6	27.4	29.7	26.0										
22	27.2	756	30.3	755	28.3	754	756.6	756.3	756.0	756.3	31.2				22.8	27.2	30.1	25.7										
23	26.9	757	29.7	756	28.3	755	755.7	755.4	755.8	755.7	31.4				22.6	27.6	30.1	26.7										
24	27.8	757	29.4	757	28.1	757	755.7	755.6	755.2	755.5	31.4				21.7	27.0	29.9	26.3										
25	27.8	756	29.5	757	28.3	757	755.1	755.5	755.8	755.4	31.4				23.8	27.7	29.9	26.2										
26	27.8	757	29.7	757	28.4	756	756.2	756.4	755.0	755.6	31.7				24.2	28.3	30.5	26.6										
27	28.0	757	30.0	756	28.5	755	755.9	756.6	754.1	755.8	31.8				23.8	28.3	31.1	26.1										
28	27.7	757	30.0	756	28.3	756	754.9	756.6	752.0	754.5	31.4				23.8	28.3	30.6	25.5										
29	27.8	756	30.3	757	28.4	758	755.2	755.4	756.7	755.7	32.1				23.1	28.3	31.6	26.3										
30	27.7	757	29.4	758	28.2	758	756.0	756.6	756.7	756.7	31.2				23.3	27.3	29.9	27.2										
31	27.9	757	29.4	758	27.5	758	756.2	756.2	756.3	756.2	31.8				23.8	27.2	30.2	26.1										
Sums 1–5							3784	3784	3774	3780	157.5				111.3	136.9	149.9	131.0										
„ 6–10							3776	3778	3771	3775	155.9				113.0	138.5	147.3	132.7										
„ 11–15							3768	3745	3748	3753	151.7				113.3	137.0	147.0	130.1										
„ 16–20							3781	3766	3784	3777	152.8				110.1	135.6	147.6	125.7										
„ 21–25							3772	3775	3783	3773	154.2				111.5	136.9	147.7	131.3										
„ 26–31							3749	3780	3773	3735	189.6				141.5	168.1	183.9	164.5										
Total Sums							22644	22638	22609	22630	964.7				684.7	831.5	894.9	784.3										
Means							3774	3773	3768	3772	160.7				114.1	138.5	149.1	130.7										

Barometer	Maximum	760.7	on 31
„	Minimum	755.3	on 8
Thermometer	Maximum	32.8	on 1
„	Minimum	21.4	on 10
Highest Temp.	in Sun		on
Lowest „	on Grass		on
Rainfall	Maximum		on

8½ P.m.
8½ A.m. 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	—	—	—	—	—	28	2	—
2½ P.M	1	—	—	—	—	30	—	—
8½ P.M	—	—	—	—	1	20	—	—
Totals	1	—	—	—	1	78	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. 1.75; 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.	
7	157	13-	69	59	58	67.0	0		0		6		.	W1	SW1	0		calm									
8	190	17.9	63	58	75	65.3	0		10cu		10cu		3.7	SW2	SW3	SW1		"									
5	143	171	69	61	80	70.0	1cu		0		0		0.7	SW1	SW1	0		"									
4	147	19.3	68	66	77	68.7	0		0		0		0	SW1	SW2	SW1		"									
3	163	16.3	62	51	65	59.3	7cu		7cu st		2cu st		2.7	SW2	SW2	SW2		slight									
0	209	178	97	57	76	69.3	0		2cu		0		0.7	SW1	SW2	SW1											
3	190	18.0	60	56	75	65.3	1cu		0		0		0.7	SW1	SW2	SW1		calm									
8	197	19.0	71	61	77	69.7	0		0		0		0	SW2	SW2	SW1											
7	179	18.9	66	70	71	69.0	0		0		0		0	SW1	SW1	SW1											
1	220	18.1	76	59	87	67.3	0		0		0		0	SW1	SW1	SW1											
5	169	17.0	62	57	67	62.0	0		0		0		0	SW2	SW3	SW2											
	176	15.83	49	56	70	55.3	1cu		2cu		2cu		1.7	SW1	SW2	0											
5	187	17.87	51	64	74	64.7	0		5cu		0		1.7	SW2	SW2	0											
	172	15.5	62	57	74	64.3	0		0		0		0	SW1	SW2	0											
	192	18.8	65	60	76	67.0	0		0				0	SW2	SW2	SW1											
	207	19.5	68	58	82	69.3	0		0				0	SW1	SW2	SW1											
	190	17.70	66	55	83	68.0	3cu		0				1.0	SW2	SW3	SW1											
	190	17.57	62	58	81	67.7	0		0				0	SW4	SW2	SW1											
	189	16.80	59	58	72	69.3	0		1cu				0.3	SW1	SW2	SW1											
	174	18.40	68	59	86	71.0	2cu		0				0.7	SW2	SW3	SW1											
	182	18.20	86	59	79	66.[illegible]	1cu		0				0.3	SW1	SW1	SW1											
	206	19.17	77	61	84	73.3	0		0				0	SW1	SW2	SW1		slight									
	207	18.73	70	61	80	70.3	0		0				0	SW2	SW1	0		calm									
	203	19.50	72	61	79	70.7	1cu		0				0.3	SW1	SW1	0											
	20.3	16.53	75	64	80	73.0	2cu		10cu				4.0	SW1	SW1	0											
	220	21.57	77	63	85	75.0	10cu		0				3.3	SW1	W1	0											
	213	20.13	68	58	83	69.0	0		0				0	SW1	SW1	0											
	236	22.17	72	69	86	75.7	0		0				0	SW3	SW1	0											
	220	21.70	73	64	85	74.0	0		0				0	SW1	SW1	SW1											
	211	20.73	74	65	77	72.0	0		0				0	0	SW2	SW2											
	157	15.63	48	43	62	54.3	0		0		2cu		0.7	W1	SW2	SW1											
	179	88.70	331	290	355	325.3	7		2		12		7.1														
	995	92.70	316	263	386	335.0	1		2		0		1.0														
	906	83.41	339	290	361	333.3	1		7		2		3.4														
	960	90.00	32[illegible]	237	406	335.7	5		1		0		2.0														
	1010	97.83	35[illegible]	306	386	351.3	4		10		0		4.1														
	[illegible]	121.73	[illegible]	[illegible]	277	420.0	10		0		2		4.0														
	5962	57783	2080	1808	2383	2156					11																
	92	18.64	65.3	58.2	76.8	66.2	28		22		05		12.7														
							0.9		0.7				.7														

Number of Daily Wind Observations.

	S E	S	S W	W	N W	Calm	Totals
	—	—	28	2	—	1	31
	-	-	30	-	—	—	31
	—	—	20	—	—	11	31
	—	—	78	2	—	2	93

No. and make of:

Barometer }

Thermometers

Dry and Wet }

Maximum }

Minimum }

Rain gauge }

Abdullah Kasir

OBSERVER.

TO Weather Bureau
Washington

METEOROLOGICAL R

THE OBSERVATORY, SYRIAN PROTESTANT C

Year 1911
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	24.4	764.9	25.8	762.6	24.5	762.4	763.4	761.3	761.4	762.03	27.6	20.6			24.9	26.5	24.2	25.20	20.4	20.6	20.8	14.7	14.0	14.7	15.13	63	54	70	62.3
2	24.5	61.4	24.8	61.3	25.4	61.6	60.4	60.0	60.5	60.33	28.5	22.7			25.4	27.7	23.8	25.63	21.8	23.4	21.8	16.7	18.1	17.8	17.53	69	64	81	71.3
3	25.1	63.5	26.6	63.0	25.1	63.0	62.5	61.7	62.5	62.23	28.2	23.3			25.1	26.9	24.4	25.47	22.3	22.7	21.8	17.7	17.1	17.4	17.40	74	64	77	71.7
4	25.0	63.6	26.4	62.8	25.4	62.5	62.5	61.5	61.3	61.77	27.9	22.7			25.7	26.9	25.1	25.90	21.6	23.1	23.4	16.1	17.9	20.0	18.00	66	67	84	72.3
5	25.3	62.1	27.7	62.1	26.3	61.5	61.9	60.6	60.2	60.90	29.5	22.2			25.5	28.8	25.2	26.47	22.8	24.3	22.2	18.4	19.4	15.8	17.87	75	68	56	66.3
6	26.5	62.2	27.8	61.3	26.5	61.1	60.8	59.9	59.8	60.17	29.9	24.9			27.7	27.9	26.3	27.30	23.1	24.6	22.8	17.5	20.4	17.8	18.57	62	72	70	68.0
7	25.9	61.7	25.1	61.9	25.7	62.1	60.5	60.4	60.9	60.60	29.4	22.3			25.3	28.2	23.6	25.70	23.3	24.1	22.2	19.6	18.8	18.7	19.03	80	86	87	84.3
8	24.4	61.7	26.2	62.6	25.0	62.3	61.7	61.3	61.2	61.40	29.4	20.2			27.7	27.2	24.7	25.20	22.2	22.2	22.1	18.7	17.0	17.7	17.80	66	63	76	75.0
9	24.2	62.1	26.8	62.3	25.1	62.4	61.2	60.7	61.3	61.07	29.0	21.6			25.1	27.7	22.2	25.00	20.4	19.9	21.8	15.4	12.5	19.0	15.63	68	46	95	69.7
10	25.0	63.2	26.6	62.8	25.4	61.9	62.1	61.5	60.8	61.47	28.5	22.2			26.2	27.1	24.8	26.03	17.8	21.8	22.2	10.5	15.9	17.8	14.73	41	59	76	58.7
11	25.4	61.1	26.6	60.0	26.6	59.8	60.0	58.7	58.6	59.10	30.0	22.8			26.6	28.2	25.6	26.80	20.1	22.1	22.9	17.2	15.4	18.2	16.93	57	54	95	68.7
12	25.3	60.8	26.4	61.4	25.7	60.6	60.0	60.2	59.4	59.87	27.8	22.8			25.5	26.9	25.5	25.97	21.8	24.2	21.1	16.7	14.7	15.3	15.57	68	55	63	62.0
13	25.3	62.2	26.7	61.9	26.4	62.6	61.1	60.6	61.4	61.03	29.8	22.2			24.9	27.2	24.4	25.50	22.1	22.5	21.1	17.6	18.1	16.9	17.53	74	68	71	71.0
14	25.8	62.4	26.2	62.4	24.8	63.7	61.3	62.2	62.7	62.07	28.7	21.1			24.4	26.6	22.4	24.47	21.7	21.7	19.9	17.2	15.6	16.6	16.47	78	57	78	71.0
15	23.9	63.2	26.7	62.4	25.6	62.3	62.3	61.1	61.2	61.53	29.2	20.0			22.9	26.6	24.2	24.57	19.8	20.9	19.4	14.2	14.5	13.8	14.17	64	55	68	62.3
16	23.9	61.7	26.1	60.7	24.5	60.8	60.8	59.4	59.8	60.00	28.6	20.5			23.1	26.2	22.7	24.00	19.9	20.6	18.9	15.0	14.2	13.6	14.27	72	56	66	64.7
17	23.9	60.4	22.2	60.7	21.7	60.8	59.7	60.0	60.2	59.97	25.4	17.2			21.6	21.1	19.9	20.87	18.7	15.6	17.8	11.1	10.0	13.9	11.67	74	63	69	68.7
18	21.9	62.5	24.0	62.3	22.8	62.8	61.8	61.3	62.0	61.70	23.9	18.6			21.9	24.6	23.3	23.27	17.7	18.3	18.3	12.3	11.6	12.5	12.13	62	52	58	57.3
19	22.9	62.5	25.2	62.9	23.7	63.1	62.8	61.8	62.3	62.30	26.1	18.3			22.8	25.1	21.1	22.99	18.3	20.5	18.9	12.7	14.8	14.7	14.07	62	63	78	67.7
20	22.5	61.2	25.0	62.3	23.8	60.8	60.6	59.3	60.0	59.97	26.4	18.9			24.1	25.6	24.1	24.60	18.6	19.2	18.3	12.8	12.8	12.8	12.80	71	52	71	65.3
21	16.7	58.6	22.6	59.5	21.1	60.9	58.7	58.9	60.5	59.37	24.0	15.0			16.5	23.2	17.3	18.67	14.3	16.7	16.2	11.3	10.4	13.0	11.57	87	48	81	72.0
22	20.2	63.0	22.8	63.2	21.7	64.5	62.6	62.4	62.9	62.97	24.7	15.0			18.7	23.9	19.9	20.83	17.2	19.9	18.3	12.6	14.5	19.5	15.20	84	65	86	78.3
23	17.9	66.3	22.7	65.9	21.8	65.7	66.6	65.1	65.1	65.60	28.8	15.0			21.0	23.8	22.8	22.53	18.2	19.4	18.9	14.2	13.7	13.6	13.83	74	62	64	66.7
24	21.4	65.9	23.4	64.0	22.9	62.3	65.3	63.1	61.6	63.33	25.1	18.6			21.4	23.7	23.2	22.77	19.9	20.0	20.5	13.0	14.7	15.9	14.53	66	67	76	70.3
25	22.3	66.2	25.6	64.7	24.4	64.4	63.5	63.6	63.4	63.47	27.8	20.9			23.2	26.8	23.8	24.60	20.1	22.3	21.7	15.1	16.5	18.7	16.77	72	63	81	72.0
26	24.2	67.8	23.5	67.2	21.8	68.7	68.8	68.3	69.0	68.03	25.3	21.8			24.6	20.9	18.9	21.46	19.4	19.6	16.8	13.4	16.0	12.8	14.07	68	86	78	77.0
27	24.1	68.8	23.1	68.7	22.3	67.1	68.4	67.9	68.4	68.23	25.0	17.8			24.0	24.0	20.7	21.90	16.2	18.1	17.9	10.8	11.8	13.3	11.97	57	53	74	61.3
28	21.6	63.4	23.7	62.0	22.3	62.4	62.9	61.4	61.8	61.93	25.1	18.3			22.0	23.9	21.1	22.40	18.3	18.4	18.3	12.4	13.8	13.9	13.37	64	62	74	66.7
29	21.7	62.6	23.6	62.2	23.1	62.2	62.0	61.3	61.4	61.57	24.9	18.3			21.6	24.1	23.3	23.00	18.5	18.8	19.9	13.4	12.7	14.8	13.63	67	56	69	64.0
30	22.2	62.1	24.6	59.7	24.2	62.3	61.4	58.7	61.4	60.50	26.5	18.9			22.6	25.8	22.6	23.67	20.3	20.4	18.3	15.9	14.7	17.8	16.27	85	57	63	68.0
31	23.9	58.4	24.8	59.8	23.8	60.0	58.5	58.8	59.1	58.80	26.2	20.1			22.0	25.2	21.6	22.27	18.4	22.0	20.5	12.8	13.2	12.1	12.70	68	72	89	76.3
Sums 1–5							318.7	305.1	305.9	309.23	141.7	111.5			126.6	136.8	113.2	138.87				79.6	86.5	82.7	82.93	347	317	365	343.0
„ 6–10							304.3	303.8	304.0	304.71	146.2	111.2			128.0	138.1	121.6	129.23				81.7	84.6	80.0	82.10	357	385	404	382.0
„ 10–15							304.7	302.8	302.2	303.23	141.7	108.9			125.3	136.5	122.1	127.97				82.9	78.3	78.6	79.93	383	291	347	340.3
„ 16–20							305.7	304.8	304.3	304.94	139.4	93.5			110.5	122.6	108.1	113.74				74.9	63.4	69.5	69.27	341	276	344	320.3
„ 21–25							311.7	307.1	305.5	308.44	126.4	89.5			99.8	121.4	109.0	109.44				67.2	69.8	74.7	70.56	281	305	394	326.7
„ 26–31							314.0	308.1	306.1	309.66	132.8	115.2			135.0	143.3	128.2	135.50				79.2	85.6	84.5	82.21	286	384	447	372.4
Total Sums							1904.1	1878.7	1874.1	1891.01	738.4	634.8			785.2	798.3	710.2	744.53				465.5	448.2	454.0	489.53	1983	1868	2324	2058.3
Means							761.58	748.61	749.77	760.00	22.24	20.15			22.39	25.75	22.91	24.01				14.70	15.11	15.41	15.15	62.81	60.35	74.52	67.23

Barometer Maximum 766.6 on 23
„ Minimum 757.4 on 25
Thermometer Maximum 30.0 C on 11
„ Minimum 15.0 on 21
Highest Temp. in Sun on
Lowest „ on Grass on
Rainfall Maximum 6.9 mm. on 23

No. of days with:
rain ..5..
thunderstorms ..2..
fog .....
gale .....

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W
8½ A.M	8	5	–	–	–	7	2
2½ P.M	7	8	–	2	–	7	3
8½ P.M	5	7	1	2	–	10	1
Totals			1	4	–	24	6

)LOGICAL REGISTER;

IAN PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54- 22- N.

NG. 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. 1.76; 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.

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.
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.	8¼ A.M.	2¼ P.M.	8¼ P.M.	
.7	19.0	11.7	15.13	63	54	70	62.3	1 Cu		1 Cu		1 Cu		1.0	NW	W2	W4		calm									
.7	18.1	17.8	17.53	69	64	81	71.3	1 Cu		2 Cu Str		3 Cu		2.0	W1	NW3	NW1		"									
.7	19.1	17.4	17.40	74	64	97	77.7	9 Cu		2 Cu		1 Cu		2.7	W1	NW3	NW2		Slight									
.1	17.7	20.0	18.80	66	49	84	70.3	1 Cu		1 Cu		0		0.7	NW2	NW3	W4		"									10 journeys
.4	19.4	15.8	17.07	95	68	58	66.3	0		1 Cu		0		0	NW	W3	W1		calm									
.5	20.4	17.8	16.57	82	72	78	68.0	0		0		0		0	W3	W4	NW4		v. slight									
.6	18.8	18.7	17.83	82	66	87	78.3	0		0		0		0	W2	SW3	SW1		calm									
.7	20.0	17.7	17.80	86	63	76	75.0	0		0		0		0	W1	SW1	W1		"									Many a
.4	12.5	19.0	15.83	66	46	95	69.7	0		0		0		0	W2	W3	W3		v. slight									
.5	16.9	20.0	19.27	41	59	76	58.7	0		0		0		0	NW1	NW3	W3		"									
.2	15.6	18.2	15.80	57	54	95	68.0	8 Cu Str		6 Cu		2 Cu		5.3	W2	W1	SW2		calm									
.7	14.7	16.3	15.57	68	55	63	62.0	0		2 Cu		5 Cu		2.3	NE1	NE2	SW2		v. slight									
.6	18.1	16.0	17.23	74	68	71	71.0	0		0		0		0	NE1	NE2	NE3		calm									
.2	15.6	15.5	14.10	71	57	78	71.0	0		0		0		0	SW1	W2	NE1		"									R. R.
.2	14.5	13.4	14.48	64	55	68	59.7	0		0		4 Cu		1.3	NE1	SW2	SW3		"									
.9	14.2	12.6	14.27	72	56	66	64.7	10 Cu		1 Cu		0		2.7	SW1	SW2	SW2		v. slight									
.1	18.0	12.9	14.33	74	53	69	65.3	2 Cu Cl		10 Cu		0		4.0	SW1	SW2	SW1		"	10.7	1.3	12.0						
.3	11.6	12.5	12.53	42	52	58	57.3	2 Cu St		0		0		0.7	W1	NE2	NE3		"									
.7	14.8	14.7	14.69	62	63	78	69.7	0		0		0		0	0	SW1	0		calm									
.8	12.8	13.2	12.69	71	52	73	65.3	Fewcl		2 Cu St		0		1.0	SW1	W2	SW1		"									
.3	10.4	13.0	11.57	57	49	58	54.7	10 Cu		1 Cu		2 Cu		4.3	NE2	W3	NE1		"	2.8	13.5	17.3						Strong wind at night
.6	14.5	10.5	14.00	84	65	80	77.3	1 Cu		10 N		10 N		10	NE2	W2	SW2		"	22.9		22.9						
.2	10.7	13.6	13.83	74	62	66	67.7	0		0		0		0	0	NE2	NE2		"	69.9		69.9						
.0	14.7	15.9	14.53	68	67	76	70.3	2 St.		2 Cu Str		0		2.7	NW1	NE4	NE3		slight									
.1	16.5	13.2	14.62	72	52	81	71.7	1 Cu St		0		0		0.3	W1	NE1	SW2		calm									
.4	16.0	12.8	14.07	58	56	78	70.0	6 Cu		10 N		2 Cu		6.0	SW2	W4	E1		"	5.1	10.2	15.3						
.8	11.8	13.3	11.87	59	53	74	62.0	7 Cu		7 Cu		0		2.7	C	NE1	SW1		"									
.9	13.8	13.7	13.47	64	62	74	66.7	2 Cu		1 Cu		1 Cu		1.3	SW1	NE1	NE1		"									
.4	12.7	14.8	12.83	67	56	69	64.0	2 St.		4 Cu St		1 St.		2.3	SW1	NE2	NE4		"									
.9	14.1	11.8	14.27	88	57	63	66.0	0		0		0		0	W1	NE1	NE1		"									
.8	12.2	12.1	12.96	60	72	89	73.7	0		3 Cu		1 Cu		1.3	SW1	W1	0		"									
.6	16.5	17.7	15.93	347	317	348	337.3	12		6		4		7.4														
.7	19.4	19.0	16.76	337	305	404	348.7	0		0		0		0														
.9	18.3	18.6	16.80	303	291	347	313.7	8		8		11		8.7														
.9	13.4	19.5	16.07	341	276	344	320.3	15		13		0		9.4														
.2	19.8	24.7	19.56	289	305	394	329.7	5		20		11		12.3														
.2	15.8	19.5	17.31	286	286	442	338.0	11		25		5		13.6														
.5	16.2	19.0	18.63	1.37	15.10	23.24	21.24	51		72		32		54.6								137.4						
.0	15.11	15.41	15.15	41.51	40.85	24.32	47.93	1.65		2.32		1.03		1.78														

Number of Daily Wind Observations.

	E	S E	S	S W	W	N W	Calm	Totals
	-	-	-	7	2	6	3	30
	-	2	-	7	3	3	-	30
	1	2	-	10	1	3	2	31
	1	4	-	24	6	11	5	91

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

Yacoub M. Khoubesser
OBSERVER.

TO Weather Bureau
Washington

METEOROLOGICAL RI

THE OBSERVATORY, SYRIAN PROTESTANT C

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 1

Year 1911

Month November

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	22.6	762.1	25.7	758.1	23.2	759.1	759.5	758.8	758.3	758.87	26.4	19.0			21.7	24.4	22.7	22.93	16.3	21.1	19.9	18.2	16.1	15.3	13.87	64	71	75	66.7
2	22.4	60.0	25.4	57.8	23.0	59.8	57.3	58.7	59.8	57.93	25.6	18.9			22.2	24.3	21.6	22.70	18.4	20.9	20.0	15.2	15.9	16.2	16.10	65	70	84	72.0
3	22.0	62.1	23.4	62.4	22.6	62.0	61.6	62.1	61.3	61.67	25.0	18.3			21.3	21.6	21.6	21.50	18.1	19.3	19.3	13.3	15.0	15.0	14.43	70	77	77	74.7
4	21.7	62.1	22.7	62.2	22.1	62.9	61.5	62.5	62.0	61.88	24.4	17.8			20.5	23.2	20.4	21.37	18.2	19.3	18.3	12.8	14.8	14.1	13.87	77	66	79	74.0
5	20.6	62.4	22.2	60.5	21.7	62.3	62.0	59.8	62.3	61.37	21.3	12.2			20.4	22.8	19.4	20.87	17.2	18.4	16.1	12.4	12.9	16.6	12.30	69	62	68	66.3
6	20.2	60.5	22.3	60.9	22.6	60.7	60.1	60.3	60.3	60.19	23.9	15.5			20.2	22.9	23.2	22.10	16.1	17.7	18.3	11.1	11.8	12.5	11.80	62	56	60	59.3
7	21.4	61.9	22.8	62.2	21.4	61.4	61.1	61.4	60.8	61.13	24.4	18.8			21.7	21.5	18.3	20.49	18.2	18.0	16.4	13.2	13.0	12.7	12.63	69	68	82	73.0
8	20.2	62.1	17.3	60.8	19.5	61.1	61.8	60.9	60.8	61.17	20.9	16.4			18.9	17.2	18.8	18.30	15.4	16.1	16.5	10.9	12.9	11.0	11.60	67	89	69	75.0
9	18.9	61.5	18.8	61.3	18.8	62.4	61.9	61.2	62.3	61.80	19.9	14.6			18.3	16.8	16.6	17.23	15.9	15.6	15.5	11.8	12.3	12.4	12.17	76	87	88	83.7
10	17.9	62.9	19.5	61.8	18.8	61.9	62.8	61.5	61.8	62.03	21.1	14.6			18.3	20.4	17.9	18.87	15.6	17.8	15.6	11.4	12.3	11.6	11.80	73	76	76	74.7
11	18.3	62.9	19.5	61.9	18.4	63.3	62.8	61.7	63.2	62.57	20.2	15.4			16.7	19.8	13.8	16.77	16.3	16.9	13.7	13.3	12.4	11.4	12.37	94	71	94	86.3
12	17.5	63.5	19.1	64.0	18.3	65.1	63.6	63.8	65.8	64.13	20.4	12.5			16.5	19.5	16.8	17.60	14.2	15.6	14.4	10.6	10.8	10.8	10.73	78	64	76	72.0
13	17.8	65.1	20.2	64.2	18.9	64.7	65.0	63.9	64.5	64.47	21.6	12.5			17.7	20.6	17.7	18.67	14.6	16.4	15.1	10.5	11.3	11.1	10.97	70	62	74	68.7
14	18.2	64.1	20.9	63.7	19.4	62.5	64.0	63.2	63.2	63.47	22.2	15.1			18.0	21.1	17.8	18.97	14.5	16.6	15.3	10.2	11.3	11.4	10.97	66	61	75	67.3
15	18.4	63.4	20.7	62.8	19.5	63.4	63.3	62.4	63.1	62.93	22.4	15.2			18.8	21.9	18.2	19.63	13.8	15.5	14.4	9.3	9.5	10.0	9.60	60	49	64	57.7
16	18.3	63.4	21.0	62.4	20.2	61.9	63.3	62.0	61.5	62.27	22.4	15.6			18.6	21.6	19.3	19.83	13.1	16.6	14.9	8.3	11.0	10.0	9.77	51	57	60	56.0
17	19.4	61.6	21.7	60.9	21.1	60.8	61.4	60.3	60.2	60.63	23.8	17.2			18.4	22.2	20.0	20.53	13.3	18.3	15.0	7.2	12.1	9.8	9.70	49	65	56	56.7
18	19.9	60.2	22.2	60.1	20.8	60.8	60.0	59.6	59.6	59.73	24.0	17.2			19.9	22.3	19.7	20.63	16.7	19.1	15.6	12.0	14.1	10.7	12.27	69	70	62	67.0
19	20.0	62.5	22.8	62.4	20.6	63.0	62.1	61.6	62.6	62.10	23.3	12.2			19.4	22.3	18.8	20.17	17.1	17.8	16.1	12.9	12.2	14.4	13.17	77	60	74	70.3
20	20.1	64.2	22.6	64.2	20.9	64.6	63.9	63.5	64.2	63.87	22.7	16.7			18.8	21.7	18.4	19.63	16.3	17.8	16.7	12.0	12.5	12.9	12.47	75	65	82	74.0
21	19.5	65.7	21.1	65.8	20.5	65.6	65.5	64.5	65.1	65.01	22.2	16.1			19.1	21.6	18.9	19.87	16.0	18.8	17.4	11.6	12.5	12.8	12.27	91	78	85	85.3
22	19.4	65.7	21.1	65.1	20.5	65.2	65.6	64.6	64.7	64.97	22.9	15.9			18.4	21.3	19.9	19.87	16.9	17.6	17.7	11.8	12.5	13.4	12.57	75	67	77	73.0
23	19.6	65.9	21.4	64.8	20.8	65.0	65.6	64.2	64.5	64.77	22.7	16.9			19.9	21.8	20.8	20.83	16.2	17.4	17.7	11.4	12.0	12.4	12.27	66	61	71	66.0
24	19.6	65.4	21.3	64.6	21.1	65.0	65.1	64.1	64.4	64.53	22.7	16.8			19.4	21.6	19.4	20.13	13.3	17.1	16.1	8.3	11.7	11.5	10.50	49	61	68	59.3
25	19.4	65.1	21.3	64.9	20.6	65.0	64.8	64.4	64.8	64.67	22.7	16.4			18.8	21.6	19.3	19.90	14.2	17.8	15.4	9.4	12.6	12.7	11.57	58	65	64	62.3
26	19.6	64.8	21.7	64.0	21.1	63.6	64.6	63.4	63.0	63.67	23.3	16.5			19.8	22.1	20.2	20.70	13.9	17.7	14.3	8.7	12.3	9.8	10.27	58	62	50	56.7
27	20.4	64.0	23.2	63.5	21.6	64.5	63.5	62.7	63.9	63.37	23.3	18.2			20.3	22.7	20.5	21.17	15.1	19.1	17.6	9.8	14.0	12.0	12.27	54	69	72	65.0
28	20.6	64.3	21.0	63.7	20.0	64.8	63.8	63.2	63.8	63.60	21.9	17.8			20.3	20.3	17.2	19.27	16.6	16.3	15.0	11.6	11.1	11.3	11.33	65	62	77	68.0
29	18.3	64.2	20.6	63.5	18.6	64.3	64.1	63.3	64.1	63.83	21.1	14.4			16.8	19.4	16.7	17.63	12.7	15.5	12.6	8.7	10.7	9.7	9.70	61	64	69	64.7
30	17.9	65.0	19.0	64.7	18.1	65.5	65.0	64.5	65.4	64.97	20.3	13.8			16.0	19.1	15.9	17.00	12.2	13.3	12.0	8.5	8.4	8.4	8.43	63	57	62	60.7
31																												
Sums 1–5							303.9	299.0	301.8	301.61	121.7	91.2			106.1	116.3	105.7	109.37				62.9	73.9	72.2	68.67	335	346	383	354.7
„ 6–10							307.1	305.3	305.8	306.06	110.2	79.9			97.4	98.8	94.7	96.97				58.4	63.3	60.2	60.30	342	375	376	364.3
„ 10–15							318.7	315.8	319.0	317.83	106.8	70.7			86.9	102.9	84.3	91.38				53.9	55.3	54.7	54.63	364	387	383	378.0
„ 16–20							310.7	307.0	308.1	308.60	116.2	83.9			96.1	110.1	96.2	100.79				48.4	61.9	57.8	56.03	321	314	334	323.0
„ 21–25							326.6	321.8	323.5	323.97	112.2	81.9			95.6	107.9	98.3	100.60				52.5	62.3	62.3	59.03	319	324	365	336.0
„ 26–31							324.0	317.1	320.3	320.47	109.9	88.7			93.2	108.6	90.5	97.77				49.3	56.5	57.4	54.40	293	308	330	310.3
Total Sums							1886.0	1865.2	1875.5	1875.23	677.0	488.3			575.3	634.6	569.7	593.20				324.4	374.2	358.6	352.40	1912	1977	2210	2033.0
Means							314.33	310.77	312.62	312.57	22.57	16.28			19.18	21.32	18.99	19.83				10.78	12.47	11.95	11.73	63.73	65.90	73.67	67.77

Barometer	Maximum	765.6	on 22
„	Minimum	758.7	on 2
Thermometer	Maximum	25.6	on 2
„	Minimum	12.5	on 12
Highest Temp.	in Sun		on
Lowest „	on Grass		on
Rainfall	Maximum	27.9	on 9

No. of days with:

rain	6
thunderstorms	
fog	
gale	

Number of Daily Wind Observations.

Time	N	NE	E	SE	S	SW	W
8½ A.M	—	—	1	—	—	2	—
2½ P.M	4	14	3	—	—	5	8
8½ P.M	9	6	8	3	—	2	8
Totals	13	20	12	3	—	9	16

LOGICAL REGISTER;

AN PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54' 22" N.

G. E. FROM GREENWICH 35° 28' 10"

LIBRARY DEC 26 1911 Weather Bureau

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.	
16.1	15.3	13.67	64	71	75	66.7	1 Cu		1 Cu		1 Cu		1.0	0	NW1	NE1		calm									
15.9	16.2	15.10	65	70	84	72.0	1 Cu+C		2 Cu+C		2 Cu		1.7	0	E2	0		"									
15.0	15.0	14.02	70	77	77	74.7	1 Cu		2 Cu		2 Cu		1.7	0	0	0		"									
14.2	14.1	13.91	77	66	79	74.0	1 Cu		3 Cu		3 Cu		2.3	0	N2	NE1		"									
12.9	12.6	12.30	69	62	68	66.3	St+C		St+C		10 N		8.7	0	0	E1		"									
11.8	12.5	11.80	62	56	60	59.3	2 Cu+C		4 Cu+C		5 Cu		3.7	0	NE2	NE		V. light	2.8		2.8						
12.0	12.9	12.63	69	68	82	73.0	5 Cu+C		9 Cu		10 Cu		8.0	0	NE1	W1		calm									
12.9	11.0	11.60	67	89	69	75.0	10 Cu		10 Cu		10 Cu		10.0	0	0	W2		slight		10.4	10.4						
12.3	12.4	12.17	76	87	88	83.7	4 Cu		10 Cu		10 Cu		8.0	SW2	SW1	W2		calm	27.2	10.7	37.9						A few drops in the morn.
13.3	11.6	12.11	73	75	76	74.7	2 Cu		9 Cu		8 Cu		6.3	0	0	0		"									
12.4	11.4	12.57	94	71	94	86.3	9 Cu		4 Cu		10 Cu		7.7	0	NE	NW		"	2.6	10.9	13.5						
10.8	10.5	10.23	76	64	76	72.0	4 Cu		2 Cu		1 Cu		2.3	E1	NE	W1		"	6.8		6.8						
11.3	11.1	10.87	70	62	74	68.7	1 Cu		1 Cu+St		1 Cu		1.0	0	SW1	NE1		"									
11.3	11.4	10.89	66	61	75	67.3	1 Cu		1 Cu		1 Cu		1.0	0	W1	SW1		"									
9.5	10.8	9.60	60	48	64	57.7	0		0		0		0.0	0	N1	0		"									
11.0	10.0	9.33	51	57	60	56.0	1 Cu		3 C		0		1.3	0	E1	0		"									
12.1	9.8	8.90	49	65	56	56.3	0		1 St.		1 Cu		0.7	0	0	NE1		"									
14.1	10.9	12.27	69	70	62	67.0	3 Cu		St+Cu+C		2 Cu		2.3	0	W1	0		"									
12.2	14.4	12.13	77	69	74	70.3	2 Cu		4 Cu+C		4 Cu		3.3	0	NW1	0		"									
12.5	12.8	12.43	75	65	82	74.0	2 Cu		1 Cu		1 Cu		1.3	0	W1	0		"									
12.5	13.8	12.87	91	70	85	75.3	1 Cu		1 Cu		1 Cu		1.0	0	0	0		"									
12.5	13.4	12.57	95	67	77	72.0	0		1 Cu		1 Cu		0.7	0	N1	NE1		"									
12.8	12.9	12.80	66	61	71	66.0	0		0		0		0.0	0	NE1	N2		"									
11.7	11.5	11.50	49	61	68	59.3	1 Cu		2 Cu		0		1.0	0	NE1	0		"									
12.6	10.7	10.80	58	65	64	62.3	1 Cu		1 Cu		0		0.7	0	NE1	0		"									
12.3	9.8	10.00	58	62	50	56.0	0		1 St.		1 St.		0.7	0	NE1	0		"									
14.0	12.0	12.23	64	69	72	68.0	1 Cu		2 Cu+C		9 Cu		4.0	0	SW2	W2		"									
11.1	11.3	11.33	65	62	77	68.0	9 Cu		8 Cu		8 Cu		8.3	NW2	NW1	SW1		V. light	8.4		8.4						
10.7	9.7	9.70	61	64	69	64.7	4 Cu		5 Cu		3 Cu		4.0	0	SW1	0		calm									
8.4	8.4	8.40	63	51	62	58.7	1 Cu		1 Cu		1 Cu		1.0	0	NE1	NE1		"									
12.9	12.2	12.67	335	346	383	354.7	12		16		18		15.4														
63.3	62.2	62.30	347	375	375	365.7	2.3		42		43		36.0						35.8	16.2	52.1						
55.3	54.7	54.60	366	307	383	352.3	15		8		13		12.0						9.4	10.9	20.3						
62.9	57.8	58.38	321	314	334	323.0	8		14		8		9.9														
62.3	62.3	59.04	319	324	365	335.9	3		5		3		3.4														
56.5	51.4	51.71	293	308	330	310.4	15		12				4.0						8.4		8.4						
374.2	358.6	351.76	1982	1977	2170	2043.7	76		162				94.3								78.8						
12.47	11.95	11.73	66.09	65.90	72.33	68.09	2.53		3.40				3.16								2.66						

Number of Daily Wind Observations.

E	S E	S	S W	W	N W	Calm	Totals
1	—	—	2	—	2	27	32
3	—	—	5	8	3	6	43
8	3	—	2	8	—	13	49
7	7	—	9	5	5	46	1[illegible]

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

Yakin M. Heikal
OBSERVER.

TO Weather Bureau
Washington

METEOROLOGICAL RE

THE OBSERVATORY, SYRIAN PROTESTANT CO

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

Year

Month

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																												
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22																												
23																												
24																												
25																												
26									59.7																			
27									58.3																			
28							60.3	5	60.5																			
29									54.5	55.90																		
30									57.0	50.87																		
31									57.8																			
Sums 1–5																												
„ 6–10																												
„ 10–15																												
„ 16–20																												
„ 21–25																												
„ 26–31																												
Total Sums							1894.4	572.3	1890.4	1885.71																		
Means							761.11	760.40	760.98	760.85	19.15	12.77																

Barometer	**Maximum**	**on**
„	**Minimum**	**on**
Thermometer	**Maximum**	**on**
„	**Minimum**	**on**
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								
2½ P.M								
8½ P.M								
Totals								

.OGICAL REGISTER;

[illegible] PROTESTANT COLLEGE, BEIRÛT, SYRIA.

LAT. 33° 54′ 22″ N.

[illegible] 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.

[illegible]	Tension of vapour Millimeters 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.
[illegible]	[illegible]	[illegible]	62	63	64	63.0	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	52	[illegible]	[illegible]	0		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	60	59	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0		[illegible]		0		[illegible]	0	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	68	64	78	70.0	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	62	61	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]								[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	61	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]								[illegible]			
[illegible]	[illegible]	[illegible]	64	59	58	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]									[illegible]		
[illegible]	[illegible]	[illegible]	69	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]								[illegible]		[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]			[illegible]		[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	63	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]		[illegible]			[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	62	64	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]								[illegible]			
[illegible]	[illegible]	[illegible]	61	[illegible]	[illegible]	[illegible]	0		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	70	69	71	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]									[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]	[illegible] few drops [illegible] the day
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	66	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible] southern
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]		[illegible]						
[illegible]	[illegible]	[illegible]	87	87	56	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]			[illegible]			
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]														
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]														
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]														
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]								[illegible]		[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]										[illegible]		[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]		[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]										[illegible]		[illegible]						

Number of Daily Wind Observations.

[illegible]	S E	S	S W	W	N W	Calm	Totals
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
	[illegible]	[illegible]	[illegible]				[illegible]
	[illegible]	[illegible]					[illegible]
	[illegible]						

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

[illegible] ....

OBSERVER.