MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

QC
990
.L4
M6
1928

JANUARY, 1928

J. A. BROWN, DIRECTOR

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National Oceanic and Atmospheric Administration

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March 28, 2002

JANUARY 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	765.2	764.2	764.6	764.7	20.8	14.7		6.8	
2	4.6	3.0	3.3	3.6	19.2	13.4		3.1	
3	3.9	3.0	4.6	3.8	18.2	13.4		4.5	
4	5.4	4.7	5.8	5.3	17.8	12.8		3.6	
5	7.4	6.4	1.1	5.0	17.7	12.8		5.0	
6	766.4	764.1	763.8	764.8	15.7	10.9		5.1	
7	0.9	2.2	759.1	0.7	16.7	11.7		0.0	21.33
8	757.2	754.0	4.4	755.2	16.1	11.2		0.0	20.44
9	8.6	9.9	762.0	760.2	16.2	8.4		0.0	7.99
10	763.9	764.3	5.6	4.6	15.0	7.9		9.0	
11	765.6	763.9	764.3	764.6	15.0	9.7		2.1	
12	3.1	1.9	3.2	2.7	15.8	11.4		1.2	
13	3.2	1.7	1.7	2.2	17.3	13.3		6.2	
14	1.1	0.2	1.5	0.9	18.3	14.7		1.8	5.20
15	1.4	759.8	0.2	0.5	17.5	12.2		0.6	0.51
16	760.4	759.8	761.0	760.4	17.7	12.8		0.4	22.22
17	3.0	762.4	3.6	3.0	17.4	11.8		0.0	2.41
18	4.6	3.3	4.7	4.2	17.9	11.7		3.0	22 34
19	5.3	3.5	2.4	3.7	17.3	12.2		6.4	
20	759.8	758.6	1.3	759.9	17.7	13.4		2.7	2.79
21	763.3	762.4	763.4	763.0	16.7	12.2		4.5	
22	3.9	4.0	4.6	4 2	17.1	12.8		5.8	0.76
23	3.8	2.2	2.9	3.0	18.3	11.7		7.2	
24	5.2	5.1	6.6	5.6	20.4	11.1		6.9	6.22
25	8.1	7.2	8.4	7.9	17.4	11.8		9.5	
26	767.6	766.5	767.0	767.0	17.4	10.4		9.8	
27	6.9	5.0	5.4	5.8	16.5	9.4		7.9	
28	5.0	3.4	3.3	3.9	15.0	10.6		7.1	
29	3.8	4.3	5.7	4.6	17.1	10.8		9.7	
30	7.4	5.9	6.8	6.7	17.0	11.1		9.2	
31	6.6	5.7	766.6	6.3	17.3	13.1		3.6	
	763 95	762.99	763.25	763.48	17.27	11.8		4.6	3.51

BAROMETER

Maximum 768.4 on 25th
Minimum 754.4 on 8th

THERMOMETER

Maximum 20.8 on 1st
Minimum 7.9 on 10th

RAINFALL

Maximum 22 34 on 18th

Number of days with rain 11, fog 2, thunderstorms 1 gales 0

JANUARY 1928
METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	17.3	18.2	16.7	17.4	13.4	13.9	13.4	9.3	9.3	9.6	9.4	63	60	68	64
2	15.2	17.2	16.2	16.2	12.5	13.5	12.2	9.2	9.4	8.5	9.0	72	66	62	67
3	15.0	17.3	14.4	15.6	11.4	12.6	11.6	8.2	8.3	8.7	8.4	64	57	71	64
4	15.5	16.9	14.9	15.8	12.1	11.3	11.1	8.7	7.2	7.8	7.9	66	49	63	59
5	14.7	14.8	13.6	14.4	11.1	11.3	10.5	7.9	8.2	7.9	8.0	64	65	68	66
6	12.8	16.3	14.3	14.5	8.8	11.8	12.1	6.6	8.0	9.3	8.7	60	57	77	65
7	15.6	13.7	12.2	13.8	12.8	11.6	10.1	9.4	8.9	7.9	8.7	71	76	75	74
8	14.2	16.0	15.7	15.3	13.0	13.7	13.4	10.4	10.3	10.2	10.3	85	76	76	79
9	8.7	9.4	8.7	9.0	7.2	8.4	7.2	6.8	7.6	6.7	7.0	82	87	79	83
10	12.8	14.5	11.1	12.8	8.8	10.1	8.3	6.8	7.1	6.8	6.8	61	58	69	63
11	12.7	15.6	17.8	15.4	8.9	11.9	15.4	6.6	8.5	11.5	8.9	59	64	76	66
12	14.3	17.1	13.9	15.1	10.3	13.6	9.9	7.4	9.5	7.2	8.0	60	66	62	63
13	16.6	17.5	15.0	16.4	12.8	14.5	11.0	9.0	10.5	8.8	9.4	64	70	80	71
14	15.6	15.2	12.8	14.5	12.5	13.1	12.6	9.1	10.0	10.8	10.0	69	78	97	81
15	14.6	17.2	14.7	15.5	11.7	12.8	10.6	8.7	8.6	7.4	8.2	70	59	59	63
16	16.1	16.8	13.3	15.4	11.9	14.6	10.2	8.1	10.7	7.8	8.9	60	73	68	67
17	13.9	14.9	13.3	14.0	11.1	11.5	11.2	8.3	8.3	8.7	8.4	70	66	76	71
18	13.5	16.7	13.7	14.6	12.9	13.4	11.2	10.7	9.5	8.5	9.6	92	68	72	77
19	13.6	16.0	15.6	15.1	10.2	13.1	12.2	7.5	9.5	8.7	8.6	65	71	66	67
20	18.8	17.3	12.5	16.2	12.1	13.2	10.6	7.4	9.0	5.8	7.7	45	61	77	61
21	14.8	16.1	14.2	15.0	11.7	12.2	11.2	8.6	8.5	8.3	8.5	68	62	69	66
22	15.0	17.6	15.9	16.5	11.0	13.9	12.3	7.2	9.6	8.6	8.5	56	64	64	61
23	16.5	18.4	15.8	16.9	13.3	13.9	10.6	9.5	9.2	7.0	8.6	68	58	52	59
24	15.6	16.8	14.3	15.6	12.5	13.9	12.3	9.1	10.1	9.5	9.6	69	70	78	72
25	15.1	16.2	13.9	15.1	11.8	12.2	11.1	8.5	8.5	8.3	8.4	66	61	70	66
26	13.9	16.4	14.3	14.9	10.3	10.9	8.9	7.5	9.6	6.2	7.8	63	51	50	55
27	13.6	14.9	12.1	13.5	8.3	9.4	8.1	5.9	6.3	6.2	6.1	50	50	59	53
28	12.6	15.6	13.8	14.0	8.1	10.9	9.6	5.8	7.0	6.8	6.5	51	54	58	54
29	14.5	16.5	13.7	14.6	9.9	10.1	9.5	6.9	6.7	6.8	6.8	56	51	59	55
30	15.0	16.7	15.4	15.7	9.8	10.9	9.9	6.6	7.0	6.6	6.7	52	49	51	51
31	15.0	18.4	15.0	16.1	10.4	11.2	11.6	7.1	6.6	8.3	7.3	56	42	66	55
	14.61	12.20	14.15	14.99	11.05	12.23	10.96	8.09	8.62	8.20	8.28	64.42	62.58	68.30	65.10

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max 1.75 m.: Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JANUARY 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8str.ni	5ci cu	8str. ni	7.0	1w	1w	2w	203.5	mod.	
2	8str.cu	8str.cu	2str.cu	6.0	0	1se	4ne	98.7	light	lunar corona
3	8str.cu	3str.cu	6ci str.	5.6	1s	2	1w	401.7	rough	
4	6str.cu	5str.cu	8str.cu	6.3	1s	1s	0	101.6	mod.	
5	1	2	3str.cu	2.0	1n	0	1n	368.0	slight	
6	4str.cu	9ni	9ni	7.3	1ne	0	1	63.4	a.calm	
7	9str.ni	9ni	4ci cu	7.3	3w	1s	1s	192.6	mod.	t.l.t.d.dy.&n.
8	10ni	10ni	8str.ni	9.3	3s	4s	6s	421.8	strong	
9	10ni	9ni	1	6.7	7e	2e	1se	616.0	rough	rainbow&hl.
10	2	2	1	1.7	1se	1w	1	29.6	calm	
11	6str.cu	7str.cu	0	4.3	1se	0	1se	23.6	,,	
12	9ni	8str.cu	0	3.6	1e	0	0	43.3	,,	
13	6str.cu	6str.cu	0	4.0	1	1	1s	23.1	light	
14	10ni	8str.ni	1	6.3	0	1ne	0	117.7	mod.	
15	6str.cu	10ni	0	5.3	1se	2e	0	124.5	,,	
16	6str.cu	6str.cu	5str. ni	5.7	1w	3w	0	169.1	slight	
17	10ni	8str.ni	10ni	9.3	2s	2s	1	454.0	,,	
18	8ni	6str.cu	1	5.0	1s	2s	0	339.9	mod.	
19	6str.cu	4ci cu	0	3.3	1se	1n	2n	238.2	,,	
20	2str.cu	6str.cu	1str.	3.0	1ne	0	0	170.2	light	
21	2str.cu	8str.ni	0	3.3	1s	2s	0	184.0	,,	
22	3str.cu	8ni	0	3.7	0	1e	0	84.3	calm	
23	7str.ni	8str.cu	1	5.3	2se	3e	0	183.4	slight	
24	3	6str.cu	3ni cu	4.0	0	1s	0	123.4	light	
25	1	1	1	1.0	0	2n	0	254.6	,,	
26	1	1	1	1.0	0	2n	3n	237.9	slight	
27	0	8str.ni	1	3.0	1ne	1s	0	248.1	light	mist in mor.
28	8ni	2str.	0	3.3	0	1n	0	124.9	,,	
29	0	1	2str.	1.0	0	2n	1n	198.9	,,	
30	1	2	0	1.0	0	1n	0	214.0	,,	haze in mor.
31	8str.ni	8str.ni	1str.	5.7	0	0	0	30.3	calm	lunar corona
				4.56				202.85		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	3	2	5	6	1	3	0	10
2:30	6	1	4	1	8	2	3	0	6
8.30	4	1	0	2	3	3	2	0	16
Totals	11	5	6	8	17	6	8	0	32

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.

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MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY, 1928

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

FEBRUARY 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	765.7	763.6	762.8	764.0	18.6	13.9		6.4	
2	757.9	756.7	757.4	757.3	20.0	16.3		0.0	
3	7.1	5.9	8.1	7.0	22.8	12.3		2 5	37.07
4	9.7	8.7	761.2	9.9	18.1	12.2		1.8	18.79
5	763.1	762.8	3.3	763.1	18.2	12.1		7.6	7.82
6	762.2	759.7	759.2	760.5	18.2	12.1		9.0	
7	756.7	7.4	8.2	757.4	16.4	11.9		0.0	20.11
8	763.4	765.2	766.5	765.0	18.2	10.1		0.0	3.30
9	6.7	5.9	7.6	6.7	13.9	10.1		3.1	6.11
10	770.6	770.1	9.9	770.2	15.6	9.6		10.3	
11	769.1	766.2	765.2	766.8	15.7	10.3		8.4	
12	3.2	1.1	759.1	1.1	16.9	10.3		0.2	0.51
13	758.0	758.5	760.5	759.0	16.2	13.3		7.2	1.27
14	9.0	7.6	758.6	8.4	19.2	13 9		2.2	35.14
15	8.7	760.0	762.0	760.2	18.3	10.6		1.5	14.60
16	758.5	754.1	753.9	755.5	18.3	12.3		1.2	12.19
17	6.0	8.5	761.7	8.7	17.1	11.4		7.1	14.88
18	764.2	763.4	4.7	764.1	17.1	9.4		6.3	
19	4.0	2.5	3.3	3.3	17.9	12.8		9.2	
20	1.8	0.8	0.6	1.1	18.4	14.3		0.4	6.48
21	759.3	760.1	760.8	760.0	16.8	11.3		4.6	2.28
22	7.6	757.2	758.8	757.9	18.2	9.4		0.7	12.62
23	8.6	7.2	7.4	7.7	13.7	7.0		5.0	34.30
24	3.5	3.0	7.8	4.8	13.4	6.8		0.0	43.68
25	761.9	762.5	764.1	762.8	13.6	6.2		1.2	10.28
26	764.2	763.7	763.2	763.7	13.5	7.4		5.5	30 82
27	756.4	755.8	757.2	756.5	12.7	7.8		0.0	22.34
28	9.8	760.7	765.0	761.8	11.8	6.8		0.6	29.40
29	768.4	8.4	9.7	8.8	12.2	3.9		6.1	0.76
	761.22	760.60	761.65	761.10	16.60	10 41		3.73	12.23

BAROMETER

Maximum 770.6 on 10th
Minimum 753.0 on 24th

THERMOMETER

Maximum 22.8 on 3rd
Minimum 3.9 on 29th

RAINFALL

Maximum 43 68 on 24th

Number of days with rain 22, thunderstorms 3, gales 0

FEBRUARY 1928
METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	16.7	19.2	17.1	17.7	12.1	15.6	13.3	8.7	11.0	9.8	9.8	61	67	69	66
2	19.2	20.1	17.8	19.0	16.9	16.0	15.9	12.9	11.1	12.4	12.1	78	64	82	75
3	14.8	16.7	15.9	15.8	12.7	15.0	14.2	9.6	11.5	10.9	10.7	76	81	81	79
4	12.3	16.4	13.4	14.0	11.7	14.2	12.7	9.9	10.7	10.5	10.4	93	77	91	87
5	15.6	16.9	14.9	15.8	13.7	13.4	12.7	10.6	9.4	9.7	9.9	81	66	77	75
6	13.9	16.1	13.7	14.6	12.1	11.8	10.1	9.3	8.0	7.3	8.2	79	59	63	67
7	14.9	11.9	12.0	12.9	10.2	11.5	10.7	17.2	9.9	8.8	12.0	56	95	84	78
8	12.3	13.2	11.7	12.4	10.7	10.7	9.6	8.6	8.2	7.7	8.2	81	72	75	76
9	14.5	15.4	10.6	13.5	10.8	12.1	9.4	7.7	8.7	8.2	8.2	63	67	85	72
10	13.6	14.9	11.6	13.4	9.9	10.1	8.9	7.3	7.0	7.2	7.2	63	55	71	63
11	13.9	15.9	13.9	14.6	11.2	12.7	12.0	8.3	9.1	9.3	8.9	71	67	79	72
12	14.3	15.4	14.9	14.9	11.3	12.8	10.7	8.7	9.6	7.4	8.5	73	73	59	68
13	18.6	18.7	16.1	17.8	13.4	15.3	14.1	8.6	10.8	10.6	9.9	53	69	79	67
14	16.3	11.9	14.4	14.2	12.9	11.2	12.1	9.2	9.4	9.2	9.3	66	91	75	77
15	15.2	16.5	15.6	15.8	12.4	12.3	12.2	9.5	8.5	8.5	8.8	71	64	66	67
16	15.6	15.7	12.1	14.5	12.2	13.5	11.6	8.7	10.1	9.9	9.9	66	76	93	78
17	11.9	13.2	10.9	12.0	9.5	9.3	6.8	7.5	6.9	5.5	6.6	72	61	67	63
18	14.2	17.6	14.3	15.4	11.0	13.8	11.1	8.1	9.6	8.1	8.6	67	64	67	66
19	17.2	18.2	14.4	16.6	13.2	14.1	12.1	9.1	9.6	9.2	9.3	62	62	75	66
20	16.5	15.4	14.6	15.5	13.3	14.2	11.3	9.5	11.3	5.7	8.8	68	87	66	74
21	13.0	12.7	13.2	13.0	10.1	9.6	9.4	7.7	7.3	7.0	7.3	69	68	62	66
22	11.9	11.3	12.4	11.9	10.1	10.3	8.8	8.1	8.8	6.6	7.8	77	88	62	76
23	9.9	11.9	8.4	10.1	8.9	9.8	6.9	8.0	7.8	6.7	7.5	88	75	82	82
24	8.5	8.8	7.7	8.3	7.4	7.8	7.1	7.2	7.4	7.3	7.3	86	88	93	89
25	8.1	8.9	7.8	8.3	7.1	7.9	7.2	7.1	7.3	7.3	7.2	88	86	92	89
26	10.0	11.7	8.6	10.1	7.6	8.8	6.8	6.5	7.0	6.5	6.7	72	68	78	73
27	10.8	8.6	7.7	9.0	7.4	7.6	6.7	6.1	7.2	6.8	6.7	63	87	87	79
28	12.1	10.1	7.5	9.9	7.8	8.2	5.1	6.0	7.2	5.4	6.2	57	78	70	68
29	7.2	9.8	7.5	8.2	3.1	4.5	3.4	4.0	6.8	4.1	5.0	48	48	50	49
	13.55	14.24	12.41	13.42	10.70	11.52	10.10	8.60	8.87	8.05	8.52	70.6	72.5	74.1	72.3

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

FEBRUARY 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	3str	10ni	4str.	6.0	1w	0	0	86.9	mod.	lunar halo
2	10ni	10ni	10ni	10.0	1s	2e	1se	62.2	rough	
3	8str.ni	6str.ni	5str.ni	6.3	3s	5s	0	333.8	mod.	
4	10ni	8str.ni	6str.ni	8.0	1s	4s	2s	354.0	,,	
5	7str.ni	2	6str.	5.0	0	1nw	1w	198.7	slight	
6	8str.ni	2str.cu	0	3.3	1se	3w	1nw	160.6	mod.	t.l..r.dy.& n.
7	6str.cu	10ni	10ni	8.7	1s	2s	4s	356.4	,,	
8	9ni	8ni	8str.cu	8.3	2w	1	1w	300.2	rough	rainbow
9	10ni	4str.ni	8ni	7.3	4w	3w	1s	460.6	calm	
10	1	1	0	0.7	0	2n	0	190.2	,,	
11	4ci.str	5ci.str	6str.	5.0	1se	1s	0	62.6	,,	
12	10ni	10ni	10ni	10.0	1s	0	0	27.0	slight	
13	6str.cu	4str.cu	8str.ni	6.0	1	4	3	258.5	,,	
14	10ni	8ni	10ni	9.3	3s	1s	2s	525.2	v.rough	
15	9ni	8ni	2str.cu	6.3	8	7	4w	542.6	mod.	
16	8ci str	10ni	10ni	9.3	2s	3s	2s	422.6	rough	
17	6str.	3str.cu	0	3.0	5n	4n	1n	831.6	light	
18	1	4str.cu	2	2.3	0	1w	0	193.3	calm	hail a.t.l.r.
19	1	1	0	0.7	0	1	0	237.5	v. slight	
20	10ni	10ni	8ni	9.3	1s	0	1s	238.5	rough	
21	8str.ni	8str.ni	2	6.0	3s	4s	3	384.1	slight	
22	1	9ni	10ni	6.7	2s	2s	5w	515.3	mod	
23	10ni	8ni	10ni	9.3	2s	1s	2s	370.1	slight	hail a.m.
24	10ni	10ni	10ni	10.0	1s	2s	1s	227.2	mod.	hail d. day
25	8ni	10ni	4str.cu	7.3	1s	1s	0	266.3	slight	,, ,,
26	8ni	6str.cu	2	5.3	2w	1ne	0	191.0	mod.	,, ,,
27	10ni	10ni	10ni	10.0	2s	2se	1e	328.0	rough	
28	8ni	8ni	10ni	8.7	4w	5w	5w	621.7	v. rough	t.l.r.d.dy.&n
29	8ni	6str.cu	6str.cu	6.7	6nw	4nw	4n	765.2	rough	
				6.72				328.82		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	2	14	4	5	1	4
2:30	2	1	1	1	11	4	4	2	3
8.30	2	0	1	1	8	2	5	1	9
Totals	5	1	2	4	33	8	14	4	16

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH, 1928

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

MARCH 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	770.2	768.6	769.2	769.3	9.8	5.0		4.7	1.52
2	1.3	770.8	772.1	771.4	9.9	4.2		10.8	
3	2.3	0.5	769.1	0.8	10.4	4.4		10.4	
4	766.1	764.2	8.2	764.5	12.8	8.0		4.5	
5	2.4	2.4	763.3	2.7	15.6	7.4		10.7	
6	763.3	762.4	762.5	762.7	15.5	8.4		11.0	
7	2.9	2.5	3.5	3.0	16.1	7.9		11.0	
8	3.0	0.5	759.2	0.9	16.2	8.5		6.8	
9	756.7	755.3	6.6	756.2	15.9	13.1		9.6	
10	9.4	9.8	761.8	760.3	20.4	13.5		10.4	
11	763.0	762.1	762.7	762.6	19.0	12.2		10.2	
12	2.7	1.0	1.0	1.6	19.4	12.4		11.0	
13	1.1	1.1	1.6	1.3	19.6	13.0		10.6	
14	1.8	0.8	1.1	1.2	19.9	13.0		9.6	
15	761.5	761.2	1.1	1.3	19.3	12.1		1.3	13.67
16	762.7	762.6	764.1	763.1	16.6	11.1		8.2	7.11
17	5.0	3.9	3.1	4.0	19.0	11.7		9.8	
18	2.8	1.3	758.5	0.9	19.0	12.4		7.6	
19	758.3	758.4	760.1	758.9	18.4	11.7		4.6	9.65
20	762.3	2.5	4.6	763.1	17.7	11.7		2.8	2.79
21	766.1	755.8	766.5	766.1	17.7	11.1		2.7	0.51
22	7.3	766.1	6.4	6 6	16.0	10.8		10.5	1.78
23	4.9	4.1	3.4	4.1	15.4	8.3		10.6	
24	3.2	2.3	1.5	2.5	14.9	9.0		6.2	
25	758.5	757.6	755.8	757.3	17.8	13.1		3.4	
26	759.6	761.1	764.4	761.7	22.8	14.7		10.4	3 42
27	763.7	1.1	759.8	1.5	23.8	14.1		10.4	
28	756.9	755.1	8.8	756.9	21.0	15.9		8.1	
29	760.8	760.4	761.6	760.9	29.1	14.9		10.3	
30	760.8	758.8	758.8	759.5	19.1	13.3		11.0	
31	758.4	9.0	760.0	759.1	19.9	13.3		5.5	
	762 87	762.04	762.45	762.45	17.78	10.97		8.28	1.30

BAROMETER

Maximum 772.1 on 2nd

Minimum 755.1 on 28th

THERMOMETER

Maximum 29.1 on 29th

Minimum 4.2 on 2nd

RAINFALL

Maximum 13 67 on 15th

Number of days with rain 8, fog 0, thunderstorms 0, gales 0

MARCH 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	5.9	9.4	7.8	7.7	4.4	5.3	4.0	5.6	4.7	4.5	4.9	81	55	56	64
2	7.9	10.1	8.1	8.7	3.1	4.4	3.9	3.7	4.1	4.5	4.1	46	45	55	49
3	9.3	12.3	9.2	10.3	4.5	6.3	6.6	4.4	4.7	6.0	5.0	50	44	69	54
4	11.6	14.1	11.7	12.5	7.3	8.1	7.5	5.7	5.5	5.8	5.7	57	47	57	54
5	13.2	14.7	10.6	12.8	7.6	8.8	7.1	5.5	5.9	5.9	5.8	48	46	62	52
6	11.1	15.6	10.4	12.4	8.8	9.0	6.6	7.2	5.6	5.5	6.1	74	43	59	59
7	14.2	15.6	10.6	13.5	8.8	9.1	6.9	6.5	5.7	5.7	6.0	54	43	61	53
8	13.6	14.4	15.0	14.3	8.9	9.3	9.3	6.0	6.4	6.2	6.2	51	52	48	50
9	17.1	15.8	16.4	16.4	12.3	14.3	13.9	8.3	11.5	10.3	10.0	60	84	74	73
10	16.8	17.9	14.9	16.5	14.4	14.8	13.2	10.8	10.7	10.3	10.6	75	70	82	76
11	15.9	18.8	14.7	16.5	13.0	14.3	12.1	9.5	9.6	9.2	9.4	71	60	74	68
12	16.5	19.1	15.0	16.8	13.4	15.3	13.3	9.5	10.7	10.4	10.2	69	66	82	72
13	16.9	19.1	15.0	17.0	14.7	15.6	12.9	11.0	11.0	9.8	10.6	77	67	77	74
14	17.1	18.8	15.0	17.0	13.3	14.3	12.6	9.2	9.5	9.4	9.4	64	60	75	66
15	12.8	13.9	13.1	13.3	11.1	12.6	11.5	8.8	10.0	9.2	9.3	81	85	81	83
16	14.1	18.1	13.9	15.4	11.8	14.4	11.8	8.9	10.1	9.0	9.3	74	65	76	72
17	17.2	18.0	15.6	16.9	13.9	14.0	12.9	9.8	9.6	9.5	9.6	67	62	73	67
18	16.9	17.2	15.9	16.7	14.2	14.1	13.9	10.4	10.0	8.0	9.5	72	69	78	73
19	14.4	13.9	14.3	14.2	12.3	12.3	14.2	9.4	9.7	11.8	10.3	77	81	95	84
20	13.2	15.9	13.9	14.3	10.7	14.4	10.1	8.3	11.2	9.8	9.8	73	84	62	73
21	12.9	14.8	12.9	13.5	10.2	11.2	9.0	7.8	8.0	6.7	7.5	71	63	60	65
22	13.5	14.1	14.1	13.9	8.8	8.3	7.8	6.4	5.7	5.3	5.8	55	48	44	49
23	13.3	13.9	12.2	13.1	8.5	12.1	8.3	6.1	9.4	6.3	7.3	53	79	59	64
24	14.3	16.4	14.4	15.0	9.3	14.3	11.7	6.5	10.8	8.7	8.6	54	79	71	68
25	19.6	22.6	21.8	21.3	13.2	15.7	12.1	7.7	9.5	6.1	7.8	45	47	33	42
26	19.2	22.2	16.5	19.3	16.2	20.8	15.6	12.0	16.7	12.9	13.9	71	84	96	84
27	17.5	19.7	17.8	18.3	15.9	16.4	16.2	12.4	11.8	12.7	12.3	83	69	83	78
28	20.6	26.7	17.8	21.7	17.7	18.6	16.7	13.0	11.1	13.4	12.5	72	42	89	68
29	17.3	19.7	15.4	17.5	13.9	15.2	10.6	9.8	10.3	7.2	9.1	66	60	55	60
30	18.1	21.1	16.7	18.6	13.3	14.4	11.2	8.8	8.8	9.8	9.1	56	47	50	51
31	17.2	19.5	15.9	17.5	14.6	15.1	13.1	10.7	10.2	9.6	10.2	73	61	72	69
	14.81	16.88	14.08	15.26	11.61	12.99	10.86	8.38	8.98	8.37	8.57	65.16	61.51	68.00	64.89

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MARCH 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8str.cu	8str.cu	8str.ni	8.0	2w	8n	5n	624.0	rough	
2	0	0	1str.	0.3	3n	2n	1nw	448.7	mod.	
3	1	1	6str.	2.7	0	0	0	100.4	slight	
4	8str	10ni	0	6.0	0	0	0	102.5	calm	
5	0	0	0	0.0	4n	2n	0	336.4	mod.	
6	1	1	1str.	1.0	0	0	0	75.3	calm	
7	1	1	0	0.7	0	0	0	95.2	,,	gentle breeze
8	8ci	8ni	8str.ni	8.0	1se	1	1ne	105.2	light	
9	3str.	4str.cu	0	2.3	0	2	2n	162.5	mod.	haze in a.m.
10	0	5ci.str	0	1.7	1w	1w	0	253.8	,,	mist all day
11	6ci cu	1	0	2.0	1	0	0	119.1	calm	haze in a.m.
12	0	0	0	0.0	0	0	0	73.7	,,	gentle breeze
13	0	6str.cu	3str	3.0	1	2	0	145.0	slight	
14	0	1	3str.cu	1.3	1	1	0	131.2	,,	
15	10ni	10ni	10ni	10.0	6w	1s	0	210.2	mod.	hail in a.m.
16	4str.cu	5str.cu	0	3.0	1se	1s	0	253.8	mod.	
17	6str.cu	2ci.str	0	2.7	0	1n	2n	174.6	,,	
18	1	8str.ni	2	3.7	0	2w	2nw	208.1	,,	
19	8str.cu	10ni	6str.cu	8.0	2w	2w	2w	737.1	v.rough	
20	8str.ni	10ni	8str.ni	8.7	4w	5w	2w	338.5	rough	
21	8ni	10ni	3	7.0	4w	5w	4nw	281.6	,,	
22	3str.cu	2cu	0	1.7	3nw	1nw	1n	500.7	,,	
23	1	4ci cu	0	1.7	2ne	2ne	4n	246.4	mod	
24	2ci	8ci ni	6ci str.	5.3	0	0	0	278.9	mod.	
25	8ci	8str.	10ni	8.7	1e	0	0	31.7	calm	solar halo
26	3str.cu	1	1	1.7	0	1w	0	199.0	slight	mist in p.m.
27	0	1	0	0.3	1n	2ne	2n	203.2	mod.	heavy dew
28	1	8ci ni	10ni	6.3	0	1	3	190.4	,,	
29	2str.cu	0	1	1.0	1w	1w	0	233.9	slight	haze in a.m.
30	0	1	0	0.3	1w	1w	0	96.6	calm	
31	8ni	2	6str.cu	5.3	1s	2	4s	211.3	slight	haze in a.m.
				3.62				231.29		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	1	1	2	1	3	8	1	11
2:30	4	2	0	0	2	5	8	2	8
8.30	6	1	0	0	1	1	2	3	17
Totals	13	4	1	2	4	9	18	6	36

N. B — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1928

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

APRIL 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	760.4	759.7	758.4	759.5	20.7	12.6		8.5	2.79
2	0.9	8.9	8.5	9.4	20.0	12.7		11.3	
3	755.5	3.5	1.8	3.6	19.9	13.6		0.0	
4	4.0	6.2	6.8	5.6	23.3	16.8		1.6	
5	4.1	1.1	0.6	1.9	24.5	16.1		4.5	
6	756.7	759.4	761.5	759.2	21.0	14.5		0.0	2.34
7	762.9	762.8	3.5	763.1	19.9	14.4		10.5	0.51
8	3.0	2.9	3.4	3.1	20.7	13.3		11.2	
9	3.3	2.5	1.6	2.5	21.0	13.2		11.3	
10	0.4	759.4	758.5	759.4	21.1	13.6		11.6	
11	757.8	757.9	760.3	758.7	21.4	16.2		10.3	
12	761.0	760.6	2.1	761.2	22.2	15.0		11.4	
13	2.6	1.7	2.5	2.3	21.9	13.9		11.8	
14	2.2	1.7	2.5	2.1	22.5	14.5		10.8	
15	2.7	2.2	3.0	2.6	23.1	15.4		12.3	
16	763.5	761.5	763.0	762.3	23.6	15.1		11.4	
17	1.1	1.0	1.2	1.1	22.9	15.8		11.6	
18	759.8	759.5	759.4	759.6	23.2	16.7		11.8	
19	760.9	760.7	762.2	761.3	28.1	19.1		12.3	
20	4.5	3.1	4.4	4.0	26.8	15.5		12.4	
21	763.3	761.6	761.7	762.2	24.0	17.6		11.6	
22	0.4	758.7	759.1	759.4	25.3	19.5		11.0	
23	0.0	9.5	760.3	9.9	30.6	24.4		12.0	
24	0.3	9.3	758.7	9.4	32.2	23.9		11.8	
25	755.5	5.6	4.8	5.3	32.0	26.0		11.7	
26	759.2	759.7	760.4	759.8	37.7	20.0		6.2	
27	761.1	760.3	0.8	760.7	29.4	17.2		12.1	
28	0.4	759.7	0.5	0.2	23.2	17.3		12.0	
29	0.7	9.8	0.3	0.3	23.4	16.1		12.6	
30	1.0	760.4	762.1	761.2	23.5	16.1		12.4	
	760.31	759.76	760.31	760.03	24.31	16.54		10.00	0.188

BAROMETER

Maximum 764.5 on 20th

Minimum 750.6 on 5th

THERMOMETER

Maximum 37.7 on 26th

Minimum 12.6 on 1st

RAINFALL

Maximum 2.34 on 6th

Number of days with rain 3, fog 0, thunderstorms 1, gale 0

APRIL 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	15.9	19.2	15.5	16.9	14.2	15.5	14.3	11.0	10.7	11.4	11.0	83	65	87	78
2	17.2	18.9	16.6	17.6	14.0	15.6	14.9	10.1	11.1	11.6	10.9	69	69	83	74
3	18.2	20.2	23.2	20.5	14.9	17.3	19.3	10.6	12.8	14.0	12.5	69	72	66	69
4	18.4	19.4	16.7	18.2	16.4	16.2	14.7	12.5	11.6	11.2	11.8	79	68	80	76
5	17.3	19.8	17.3	18.1	15.9	17.6	16.0	12.5	13.4	12.7	12.8	85	78	86	83
6	18.3	19.2	16.2	17.9	14.5	15.6	13.4	10.1	11.0	9.8	10.3	64	67	72	68
7	18.7	20.2	16.2	18.4	15.7	16.0	13.8	11.3	11.1	10.3	10.9	70	63	76	70
8	18.2	20.2	19.7	19.4	14.6	16.4	15.8	10.1	11.5	11.0	10.9	65	65	64	65
9	18.0	20.2	15.2	17.8	15.5	16.8	14.5	11.5	12.0	11.8	11.8	75	68	93	79
10	19.3	20.0	17.8	19.0	16.4	16.8	16.1	12.0	12.1	12.5	12.2	72	69	82	74
11	19.3	21.4	17.8	19.5	17.8	18.7	16.7	14.0	14.1	13.4	13.8	84	75	89	83
12	18.9	20.3	16.7	18.6	16.9	16.9	15.5	13.1	12.1	12.2	12.5	81	68	87	79
13	19.1	21.9	17.2	19.4	16.9	18.7	16.2	12.8	13.5	12.9	13.1	78	68	89	78
14	19.5	22.4	17.6	19.8	16.1	17.8	16.2	11.5	11.1	12.7	11.9	68	56	86	70
15	20.9	22.2	17.8	20.3	16.9	18.4	16.2	11.8	13.2	12.7	12.6	64	65	83	71
16	19.1	21.9	18.3	19.8	17.1	19.1	16.8	13.1	14.4	13.1	13.5	86	73	84	79
17	20.8	23.3	18.3	20.8	18.7	19.6	17.7	14.4	14.3	14.6	14.4	78	67	93	79
18	24.0	25.7	23.9	24.5	18.1	19.7	16.7	11.8	14.1	10.1	12.0	53	57	46	52
19	23.7	26.7	18.9	23.1	19.3	20.1	17.2	11.1	12.9	13.4	12.5	62	48	82	64
20	21.1	25.6	18.8	21.8	16.1	17.9	18.2	10.6	10.9	15.1	12.2	57	45	93	65
21	22.6	24.7	21.1	22.5	20.3	21.5	19.6	11.0	16.7	15.8	14.5	68	72	85	75
22	25.3	28.1	30.5	28.0	20.9	21.9	18.7	15.3	15.3	9.3	13.3	64	54	28	49
23	26.9	31.7	26.9	28.5	21.8	20.9	17.7	15.7	11.7	9.5	12.3	58	35	40	44
24	30.1	29.7	27.5	29.1	21.1	23.8	20.3	13.0	17.4	13.1	14.5	40	57	48	48
25	36.5	31.7	26.7	31.6	22.5	22.4	20.7	12.5	14.0	14.1	13.5	28	40	54	41
26	21.9	22.5	18.7	21.0	19.1	18.1	15.7	14.4	12.5	11.3	12.7	73	61	70	68
27	21.7	22.4	18.4	20.8	16.9	16.7	15.9	11.4	10.8	11.8	11.3	59	53	76	61
28	21.3	22.8	18.2	20.8	17.4	18.2	15.6	12.3	12.5	11.5	12.1	66	61	74	67
29	21.4	22.4	18.3	20.7	17.7	17.9	15.6	12.6	12.3	11.4	12.1	67	61	73	67
30	21.8	23.3	18.6	21.2	18.6	18.1	16.7	13.6	12.1	18.8	14.8	70	57	81	69
	21.18	22.93	19.49	21.20	17.40	18.34	16.56	12.26	12.78	12.37	12.49	67.6	61.9	75.0	68.2

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

APRIL 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8ni. str	6	4	6.0	1s	3w	1w	186.3	mod.	
2	1	1ci.str	0	0.7	1s	1se	2n	258.5	light	
3	10ci ni	10ni	8str.ni	9.3	0	1se	1se	83.7	,,	
4	0	10ni	10ni	6.7	4	1w	1nw	328.6	slight	haze
5	10ni	8str.cu	2str.	6.7	5w	2w	2s	437.7	rough	haze
6	2	6	8ni	5.3	7w	6w	2s	318.7	,,	thunder
7	1str.cu	2	2ci	1.7	2w	2w	0	431.9	mod.	
8	2ci cu	2	0	1.3	1w	2w	1s	308.0	,,	haze
9	8ci	1	0	3.0	1w	2w	0	97.1	light	haze
10	0	1	0	0.3	0	2n	0	184.2	,,	
11	1str.cu	2str.cu	4str.cu	2.3	4w	2w	1w	217.2	slight	haze
12	1	2	0	1.0	1w	1nw	0	156.7	light	trace rain
13	1	1	0	0.7	1nw	1w	0	89.6	,,	
14	0	0	0	0.0	1w	0	0	69.5	calm	haze
15	0	0	0	0.0	0	1nw	0	89.3	,,	
16	2ci cu	4ci	0	2.0	0	1nw	0	211.4	light	
17	0	1ci	0	0.3	1s	1	0	163.8	,,	
18	0	2	0	0.7	0	1	0	93.3	calm	
19	1	2ci cu	0	1.0	0	1w	0	191.7	light	
20	1ci	0	0	0.3	1w	1w	0	137.0	,,	
21	4ci	0	0	1.3	0	1ne	0	148.8	,,	
22	1ci	8ci cu	0	3.0	0	0	0	59.7	calm	haze sirocc
23	3ci	3ci	0	2.0	0	0	0	68.7	,,	sirocco
24	1str.	4str.cu	2	2.3	0	0	0	140.6	,,	sirocco
25	2	3str.cu	6str.cu	3.7	0	1e	0	132.2	,,	sirocco
26	8ni	9str.cu	4str.cu	7.0	4	2	2	295.0	slight	haze
27	3	2	2	2.3	2s	2	0	176.7	mod	
28	3str.cu	2str.cu	5str.cu	3.3	1s	2w	0	170.9	calm	
29	1	1	0	0.7	1	1w	0	168.9	light	
30	1str.cu	1	1ci.cu	1.0	1	3	0	174.6	light	
				2.53				186.34		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	5	4	9	1	11
2:30	1	1	1	2	0	5	13	3	4
8.30	1	0	0	1	3	1	2	1	21
Totals	2	1	1	3	8	10	24	5	36

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MAY, 1928

J. A. BROWN, DIRECTOR

SEP 19 1928

Printed at the American Press
Beirut, Syria

MAY 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	761.7	761.8	762.1	761.9	23.6	16.8		12.0	
2	759.4	758.7	756.6	758.2	24.2	16.7		1.5	
3	5.8	5.0	5.7	5.5	30.7	21.0		11.0	
4	2.2	6.9	8.4	5.8	34.5	26.3		6.1	
5	9.3	9.2	9.5	9.3	35.0	19.1		7.4	
6	758.3	758.6	760.3	759.1	30.6	18.1		9.3	
7	762.0	761.5	1.7	761.7	23.9	16.8		12.6	
8	2.0	0.7	0.7	1.1	23.9	16.7		12.2	
9	758.3	757.7	758.7	758.2	27.0	21.1		9.8	
10	9.6	760.6	760.3	760.2	34.5	24.4		4.5	
11	762.1	761.7	761.3	761.7	34.2	18.9		12.2	
12	1.8	1.1	1.2	1.4	24.4	17.5		13.0	
13	1.5	1.0	1.0	1.2	23.9	16.9		12.8	
14	0.9	759.8	0.6	0.4	24.6	17.9		11.7	
15	0.2	760.1	0.1	760.1	26.0	18.4		12.4	
16	760.5	760.7	760.9	760.7	26.7	18.8		13.2	
17	0.6	759.7	759.7	0.0	26.9	20.2		12.8	
18	0.2	9.8	9.5	759.8	28.5	21.1		13.0	
19	758.6	8.2	8.4	8.4	28.9	21.4		12.7	
20	6.7	4.6	755.9	5.7	29.6	22.7		13.0	
21	757.5	757.4	757.8	757.6	36.2	21.0		12.8	
22	8.2	8.9	9.7	8.9	27.3	21.0		9.8	
23	760.2	760.7	9.6	760.2	27.4	20.0		11.1	
24	759.2	759.1	760.8	759.7	29.0	20.0		12.0	
25	761.6	761.1	1.7	761.5	30.1	20.6		11.8	
26	760.3	760.3	759.9	760.2	27.8	20.6		16.6	
27	0.3	759.8	760.8	0.3	27.6	18.4		13.1	
28	0.0	761.6	759.9	0.5	27.0	18.9		2.4	4.32
29	758.0	759.3	9.6	759.0	25.4	18.3		8.5	0.51
30	761.1	760.4	760.0	760.5	25.9	17.9		13.4	0.51
31	759.3	758.8	759.8	759.3	25.6	18.7		12.6	
	759.59	759.51	759.75	759.61	28.09	19.55		10.72	0.17

BAROMETER

Maximum 762.1 on 1st & 11th

Minimum 752.2 on 4th

THERMOMETER

Maximum 36.2 on 21st

Minimum 16.7 on 2nd & 8th

RAINFALL

Maximum 4.32 on 28th

Number of days with rain 3, fog 0, thunderstorms 0, gale 0

MAY 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	21.8	24.7	19.5	22.0	18.6	20.8	17.9	17.3	15.4	13.9	14.3	70	67	83	73
2	22.2	24.6	24.8	23.9	18.4	18.2	19.5	13.3	11.7	13.3	12.8	66	51	57	58
3	27.5	33.7	27.1	29.4	19.3	21.8	18.4	11.8	12.2	10.8	11.6	42	30	40	37
4	34.3	28.8	21.5	27.2	20.4	19.5	17.6	11.0	12.9	12.4	12.1	27	52	65	48
5	21.9	22.8	19.4	21.7	18.6	19.3	17.3	13.6	14.2	13.2	13.7	69	69	79	72
6	21.9	23.4	19.2	21.5	18.3	19.3	18.9	13.2	13.8	13.3	13.4	67	65	80	71
7	21.5	23.0	19.7	21.4	18.5	19.6	18.6	13.1	14.6	15.2	14.3	64	69	89	74
8	23.7	26.4	22.8	24.3	16.7	20.9	19.4	10.2	14.6	14.4	13.1	47	56	70	58
9	31.7	30.0	26.2	29.3	22.5	21.5	19.7	13.7	13.9	12.9	13.5	39	45	51	45
10	28.9	25.9	21.8	25.5	20.4	21.9	19.4	12.6	16.6	15.1	14.8	43	66	77	62
11	22.1	24.0	19.8	22.0	19.4	20.1	17.6	14.8	14.7	13.4	14.3	75	65	78	73
12	21.5	23.6	18.7	21.3	17.7	18.3	16.2	12.5	12.4	12.1	12.3	66	57	75	66
13	22.3	23.9	20.8	22.3	18.7	19.5	18.4	13.5	13.8	14.0	13.8	67	62	77	68
14	23.1	25.2	21.1	23.1	20.1	20.9	19.6	15.4	15.4	15.6	15.5	73	64	83	73
15	24.4	26.5	21.1	24.0	21.5	22.6	16.0	16.8	17.3	10.0	14.7	74	66	53	64
16	23.9	25.6	21.7	23.7	20.1	21.5	20.1	14.8	16.1	16.1	15.7	67	66	83	72
17	25.1	26.7	23.3	25.0	20.3	22.9	20.7	14.4	17.7	16.1	16.1	61	67	75	68
18	26.4	28.0	25.1	26.5	23.4	22.4	20.4	18.9	16.0	14.8	16.6	74	57	63	65
19	27.1	29.2	26.1	27.5	23.7	22.6	18.2	18.6	15.7	11.0	15.1	68	52	43	54
20	27.4	35.8	24.8	29.3	21.5	22.1	22.2	15.3	12.5	17.8	15.2	57	28	76	53
21	24.4	26.9	22.1	24.5	20.4	22.1	19.8	14.9	16.1	15.6	15.5	66	61	79	68
22	24.3	26.6	22.2	24.4	21.3	22.4	20.2	16.5	16.7	15.0	16.1	74	65	76	72
23	24.8	28.1	23.1	25.3	21.4	23.2	19.3	16.4	17.3	13.5	15.7	70	61	61	64
24	27.5	29.2	22.7	26.5	20.9	23.9	21.0	14.0	18.0	17.2	16.6	51	59	84	65
25	25.2	26.9	22.0	24.7	20.8	22.3	19.5	15.1	13.9	15.0	14.6	63	62	76	67
26	24.7	26.5	21.4	24.2	21.3	21.9	19.2	16.3	16.2	14.8	15.7	71	62	77	70
27	23.9	25.8	20.6	23.4	20.4	21.3	18.2	15.4	15.6	13.8	14.9	69	63	77	70
28	24.2	18.6	23.4	22.1	20.7	17.4	18.9	15.6	13.9	13.3	14.2	69	88	62	73
29	23.4	24.0	20.5	22.6	19.0	19.6	17.1	13.6	13.9	12.2	13.2	62	62	66	64
30	23.9	25.3	21.0	23.4	19.1	19.2	17.9	13.2	12.7	13.1	13.0	59	53	70	61
31	22.5	23.9	19.8	22.1	18.7	19.9	18.1	13.5	14.6	13.4	13.8	66	66	73	68
	24.76	26.15	22.07	24.33	20.07	20.93	18.88	14.38	14.85	13.94	14.39	62.5	59.9	70.8	64.4

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m.; Max 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 80th E. Meridian.

MAY 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	1	4ci	1	2.0	2	1	0	224.5	mod.	
2	10ni	10ni	4str.cu	7.0	0	0	0	90.4	calm	
3	0	2ci	0	0.7	0	1	0	130.6	light	sirocco
4	6ci cu	8str.ci	0	4.7	4	2	0	385.8	rough	,, st. dy.
5	4str.cu	8ni	4str.cu	5.3	3w	4w	2s	370.1	,,	trace of rain
6	6str.ni	4str.cu	2str cu	4.0	3	2	1	326.4	slight	
7	4ci	2ci	0	2.0	1w	1nw	1n	172.5	light	mist in a.m.
8	3ci	4ci	0	2.3	1ne	1ne	1n	329.8	slight	
9	0	2ci	0	0.7	0	0	0	160.6	calm	sirocco
10	7ci cu	8ni	6str.ni	7.0	0	1s	3nw	167.9	mod.	haze in a.m.
11	0	0	0	0.0	2w	1nw	0	218.2	,,	mist d. day
12	0	0	0	0.0	1w	1	0	162.4	light	haze in a.m.
13	1str.	0	0	0.3	0	1nw	1n	128.1	,,	
14	4ci cu	2	0	2.0	0	0	0	150.0	,,	mist d. day
15	6ci	2ci	0	2.7	0	2w	0	103.2	calm	,, ,, ,,
16	0	1cu	0	0.3	1	1	1n	161.7	light	haze in a.m.
17	2ci	6ci	0	2.6	1w	2n	0	249.3	mod.	
18	0	1cu	0	0.3	0	1n	0	217.2	light	
19	0	1str.	0	0.3	0	0	0	127.3	calm	
20	1str.	0	0	0.3	1w	1se	0	88.0	,,	gn. br. in ev.
21	0	0	0	0.0	3s	3s	3	274.9	rough	haze all day
22	0	6ci str.	1ci	2.3	4	4	3s	413.2	,,	mist in a.m.
23	1	2	0	1.0	3w	4s	2	217.3	slight	,, ,, ,,
24	3ci	8ci	0	3.7	0	0	0	177.0	mod.	
25	1str cu	1ci cu	8str.ni	3.3	2	3s	2s	281.9	slight	
26	6str.ci	4str.	0	3.3	3s	4s	0	378.3	rough	
27	1	1	2ci str.	1.3	3s	3	0	199.2	mod.	
28	3str.cu	10ni	8ni	7.0	1s	1s	0	160.9	light	
29	8ci ni	6str.cu	4str.cu	6.0	0	3w	1w	277.1	rough	
30	2	1	10ni	4.3	1	1s	0	221.1	slight	
31	2str.cu	3str.	4str.cu	3.0	1w	1w	0	238.7	,,	
				2.57				219.31		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	4	7	8	0	11
2:30	2	1	0	1	7	8	4	3	5
8.30	4	0	0	0	3	3	1	1	19
Totals	6	2	0	1	14	18	13	4	35

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, sw.

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIR

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JUNE, 1928

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

JUNE 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	760.2	760.6	761.1	760.6	25.0	18.4		13.2	
2	1.1	1.4	1.9	1.5	25.8	18.3		13.4	
3	1.9	0.7	0.5	1.0	22.8	18.3		13.4	
4	758.4	757.2	756.5	757.4	27.8	18.3		13.3	
5	6.4	7.1	8.0	7.2	28.9	21.1		12.8	
6	759.7	759.1	759.2	759.3	29.2	20.4		13.5	
7	9.2	8.0	7.8	8.3	28.0	20.0		13.6	
8	7.7	6.4	5.7	6.6	29.0	20.6		13.4	
9	5.3	5.2	5.3	5.3	30.0	21.1		13.4	
10	4.7	4.0	4.0	4.2	28.9	21.2		13.1	
11	753.1	752.9	753.2	753.1	29.4	22.2		12.3	
12	3.4	3.6	4.0	3.7	30.0	21.7		13.4	
13	5.3	6.0	4.3	5.2	28.8	20.6		13.5	
14	7.2	6.9	6.6	6.9	29.2	21.2		13.5	
15	5.7	5.1	9.6	6.8	30.7	21.2		13.5	
16	754.1	754.3	755.4	754.6	31.6	21.7		13.6	
17	6.0	5.9	6.1	6.0	29.6	20.6		13.4	
18	5.3	5.4	6.0	5.6	29.2	20.8		13.4	
19	6.9	6.2	6.5	6.5	29.4	21.1		13.4	
20	6.8	6.3	6.8	6.6	29.4	21.3		13.0	
21	756.9	756.8	756.8	756.8	29.4	21.1		13.2	
22	6.3	6.1	6.0	6.1	28.9	20.3		13.2	
23	6.0	6.0	6.9	6.3	29.6	23.1		8.1	
24	7.1	6.6	7.0	6.9	28.9	22.1		13.2	
25	6.8	7.1	7.6	7.2	28.3	21.7		12.5	
26	757.5	756.8	756.4	756.9	29.8	21.4		13.6	
27	6.8	6.2	6.4	6.5	30.1	22.1		13.5	
28	6.6	5.7	5.4	5.9	30.1	22.1		13.4	
29	6.0	5.4	5.6	5.7	30.8	22.1		13.3	
30	5.8	5.3	5.0	5.4	30.7	22.3		12.0	
	756.81	756.48	756.72	756.67	28.98	20.95		13.07	

BAROMETER

Maximum	761.9 on 2th & 3th
Minimum	752.9 on 11th

THERMOMETER

Maximum	31.6 on 16th
Minimum	18.3 on 2th, 3rd, & 4th

RAINFALL

Maximum	0 on 0

Number of days with rain 0, fog 0, thunderstorms 0, gale 0

JUNE 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	23.4	24.8	20.5	22.9	19.1	19.7	17.7	13.5	12.9	13.1	13.2	62	56	73	64
2	23.4	24.9	21.2	23.2	18.5	19.8	18.8	12.6	13.8	17.1	14.5	58	60	78	65
3	24.5	26.8	22.5	24.6	18.6	21.5	19.9	12.3	15.3	15.3	14.3	54	57	76	62
4	27.1	28.4	22.6	26.0	21.0	23.4	22.1	14.4	18.2	18.9	17.2	54	63	90	69
5	25.7	28.0	23.7	25.8	23.3	24.1	22.3	19.4	19.0	18.8	19.1	78	67	86	77
6	25.3	27.3	22.4	25.0	22.1	23.4	21.2	17.3	18.2	17.7	17.7	72	68	88	76
7	24.2	27.4	23.6	25.1	21.4	22.9	19.9	16.8	17.3	14.7	16.3	75	63	68	69
8	25.9	29.3	23.9	26.4	23.4	24.7	22.3	19.2	19.2	18.8	19.1	77	64	85	75
9	25.8	27.6	26.1	26.5	23.7	24.6	20.6	20.0	20.3	14.3	18.2	80	74	56	70
10	25.8	29.0	24.0	26.3	23.3	24.8	23.4	19.2	19.8	20.9	20.0	77	67	94	79
11	26.7	29.2	24.2	26.7	23.1	25.9	23.2	18.0	21.9	20.2	20.0	68	72	90	77
12	26.5	27.6	23.4	25.8	23.4	23.8	21.9	18.8	18.8	18.4	18.7	73	69	86	76
13	26.0	28.6	24.5	26.4	22.3	23.3	22.2	17.1	17.1	18.0	17.4	69	58	79	69
14	26.2	29.7	25.5	27.1	23.2	24.2	21.4	18.7	18.1	15.6	17.5	74	58	65	66
15	27.4	29.7	24.7	27.3	23.3	24.8	20.4	18.0	19.2	14.8	17.3	67	62	64	64
16	26.9	29.1	23.8	26.6	23.2	24.5	21.5	18.1	19.1	17.3	18.2	68	63	78	70
17	26.1	28.6	23.9	26.2	23.4	24.7	22.4	19.1	19.9	18.9	19.3	76	68	86	77
18	26.1	29.1	24.4	26.5	23.1	24.5	22.2	18.5	19.1	18.1	18.6	73	63	79	72
19	26.1	28.8	24.4	26.4	23.2	24.1	22.4	18.7	18.5	18.4	18.5	74	62	81	72
20	25.9	29.3	24.7	26.6	22.9	24.3	22.1	18.4	18.6	17.7	18.2	73	62	76	70
21	26.1	28.4	23.6	26.0	21.9	23.4	21.0	17.1	17.5	16.6	17.1	69	60	77	69
22	26.5	29.3	24.5	26.8	22.5	24.1	22.6	17.2	18.2	18.8	18.1	66	61	83	70
23	27.2	26.9	24.0	26.0	22.4	21.8	20.2	16.6	15.6	14.9	15.7	62	58	66	62
24	27.5	28.0	24.1	27.5	21.9	22.1	20.5	15.6	15.4	15.4	15.5	57	54	69	60
25	27.4	29.6	23.9	27.0	21.9	24.5	22.1	15.6	18.7	18.2	17.5	57	60	83	67
26	26.8	29.2	24.8	26.9	23.0	24.2	22.2	17.8	18.4	17.7	18.0	68	61	76	68
27	27.5	29.6	25.1	27.4	24.2	22.1	23.6	19.7	14.6	20.4	18.2	72	46	86	68
28	27.9	30.9	25.6	28.1	21.8	25.6	23.8	14.9	20.3	19.5	18.2	54	63	85	67
29	27.4	30.4	25.4	27.7	24.1	25.3	23.6	19.5	19.7	20.1	19.8	72	61	82	72
30	27.6	29.5	28.2	28.4	23.8	24.6	23.4	18.9	19.0	17.7	18.5	69	62	62	64
	26.23	28.50	24.11	26.27	22.43	23.69	21.70	17.37	18.06	17.54	17.63	68.3	62.1	78.2	69.5

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max 1.75 m.; Min. 1.70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

JUNE 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	2	1	3st.	2.0	1w	1nw	0	145.6	light	
2	0	0	1	0.3	2w	1nw	1n	188.2	mod.	
3	0	0	0	0.0	0	1nw	0	149.0	calm	gen. breeze
4	0	1	1ci	0.7	0	2nw	1ne	265.4	light	
5	4st.cu	1	0	1.7	2se	1s	0	177.8	,,	
6	1st.cu	0	0	0.3	1w	1nw	0	158.3	,,	mist d. d.
7	0	0	0	0.0	0	1nw	0	173.3	calm	
8	0	0	0	0.0	1	1s	0	198.4	light	
9	2st.	0	0	0.7	2s	1	0	146.9	,,	mist in mor.
10	1st.cu	1	0	0.7	1	2	0	101.3	,,	
11	0	0	4	1.3	2	2	0	241.6	mod.	mist d. d.
12	1st.cu	5st.cu	0	2.0	1	2	0	112.8	light	
13	1	0	0	0.3	1	1	0	103.2	,,	
14	0	1	0	0.3	1w	1nw	1n	100.0	,,	
15	0	0	0	0.0	1	0	0	323.0	calm	
16	0	1	0	0.3	2	3	0	134.2	light	
17	1	3st.cu	0	1.3	1s	2	0	119.6	,,	
18	1	1	0	0.7	2	1	0	144.2	,,	mist d. d.
19	2st.cu	0	0	0.7	0	2s	0	97.6	calm	
20	4st.cu	0	1	1.7	0	1w	0	82.3	,,	mist in mor.
21	4st.cu	1	0	1.7	0	2	0	81.0	,,	
22	0	0	4st.cu	1.3	1	3	0	232.2	slight	
23	4st.cu	8ni	8ni	0.7	3s	3s	2s	183.9	,,	mist sel
24	3st.cu	1	0	1.3	1e	1nw	0	127.9	light	
25	0	1	0	0.3	1n	2	0	226.6	,,	
26	0	1	0	0.3	1	1w	0	140.6	,,	
27	2st.cu	1	0	1.0	2	2	0	111.8	mod.	
28	1	0	0	0.3	1	2	0	137.9	light	mist in mor.
29	0	1	0	0.3	3w	3	0	241.4	slight	,, ,, ,,
30	3st.cu	3st.cu	0	2.0	1	2	0	64.6	light	
				1.05				160.35		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	1	1	3	13	5	0	6
2:30	0	0	0	0	4	15	2	8	1
8.30	2	1	0	0	1	0	0	0	26
Totals	3	1	1	1	8	28	7	8	33

N. B. — Cloud numbers without letters are all cu..
Wind ,, ,, ,, ,, ,, sw

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY, 1928

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

JULY 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	754.6	754.4	755.2	754.7	30.4	22.7		13.1	
2	4.6	4.1	4.8	4.5	31.0	23.1		13.3	
3	4.2	4.0	4.4	4.2	31.1	23.3		13.2	
4	4.6	4.1	4.1	4.3	30.9	23.1		13.2	
5	754.8	5.0	5.5	5.1	30.6	23.4		13.2	
6	755.1	755.4	755.8	755.4	31.2	22.2		13.2	
7	5.1	5.0	5.3	5.1	30.8	22.2		13.1	
8	5.0	4.5	4.9	4.8	30.7	23.9		13.3	
9	5.2	5.3	5.6	5.4	31.5	24.7		12.8	
10	6.0	6.1	6.6	6.2	31.7	24.6		12.8	
11	756.4	756.2	756.2	756.3	31.1	23.6		13.1	
12	5.6	5.2	5.6	5.5	31.1	24.0		12.5	
13	4.8	4.8	5.2	4.9	31.6	23.1		12.8	
14	5.3	5.3	5.7	5.4	30.5	23.4		13.2	
15	5.3	4.6	5.4	5.1	31.4	23.8		13.0	
16	754.2	754.0	754.2	754.1	32.2	24.1		13.1	
17	5.0	5.0	5.2	5.1	31.4	23.9		13.0	
18	5.1	4.9	5.3	5.1	31.2	24.5		13.0	
19	5.3	5.3	5.9	5.5	31.3	25.0		13.0	
20	6.3	6.3	6.8	6.5	31.6	24.8		13.2	
21	756.7	756.8	756.9	756.8	31.6	23.9		13.1	
22	6.2	6.1	5.9	6.1	32.2	24.2		13.1	
23	5.7	5.1	4.9	5.2	31.6	22.9		13.2	
24	3.9	3.5	4.1	3.8	31.0	24.4		12.8	
25	3.8	3.4	4.8	4.0	32.2	26.0		12.8	
26	755.1	755.0	755.6	755.2	32.5	25.2		12.8	
27	5.5	4.9	4.7	5.0	32.0	23.9		12.4	
28	4.7	4.4	4.9	4.7	31.6	24.2		12.8	
29	4.7	4.1	4.8	4.5	31.7	24.3		12.8	
30	4.4	4.2	4.8	4.5	31.9	24.6		12.8	
31	4.4	4.3	4.7	4.5	32.8	24.5		13.0	
	755.09	754.88	755.28	755.08	31.43	23.92		12.99	

BAROMETER

Maximum 756.9 on 21st
Minimum 753.4 on 25th

THERMOMETER

Maximum 32.8 on 31st
Minimum 22.2 on 5th, & 6th

RAINFALL

Maximum 0 on 0

Number of days with rain 0, fog 0, thunderstorms 0, gale 0

JULY 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	27.8	29.8	25.8	27.8	24.7	24.9	23.5	20.4	18.4	19.7	19.5	74	59	79	71
2	27.8	30.3	26.0	28.0	24.2	25.4	23.4	19.4	20.0	19.2	19.5	70	61	77	69
3	26.9	30.2	25.8	27.6	24.2	25.2	23.7	19.6	18.5	20.1	19.4	72	58	81	70
4	28.1	30.2	26.1	28.1	24.7	25.2	23.8	20.1	19.6	20.0	19.9	72	61	80	71
5	28.3	30.6	25.8	28.2	24.6	25.2	23.6	19.7	19.4	19.8	19.6	69	58	80	69
6	27.4	30.1	25.3	27.6	23.7	24.3	23.1	18.7	18.0	19.2	18.6	68	57	80	68
7	27.9	29.5	25.8	27.7	23.3	24.3	23.3	17.8	18.4	19.2	18.5	64	60	77	67
8	28.7	31.2	26.2	28.7	24.6	25.3	23.9	19.5	19.1	20.1	19.6	67	55	79	67
9	28.6	31.1	26.2	28.6	24.2	25.3	23.7	18.8	19.4	19.7	19.3	64	57	78	66
10	29.1	30.9	26.3	28.8	24.2	25.2	23.9	18.6	19.2	20.0	19.3	61	57	78	65
11	28.3	30.3	26.4	28.3	24.6	24.8	23.9	19.8	18.9	20.1	19.6	69	59	78	69
12	28.9	31.2	26.6	28.6	25.0	25.6	24.0	20.2	19.6	20.0	19.9	68	58	77	67
13	27.5	29.8	25.6	27.6	23.7	24.8	23.4	18.7	19.2	19.6	19.2	69	61	79	70
14	29.0	30.6	25.9	28.5	24.2	25.4	23.8	18.5	19.9	19.5	19.3	62	61	77	67
15	29.4	31.8	27.1	29.8	23.9	25.3	24.8	17.8	18.1	21.2	19.0	58	52	81	64
16	28.7	30.6	26.3	28.5	24.3	24.8	23.8	19.0	18.6	19.9	19.2	64	57	78	66
17	28.0	30.2	26.6	28.3	23.8	24.0	23.3	18.6	17.4	18.5	18.2	66	56	71	64
18	28.6	30.3	26.6	28.5	24.4	25.2	24.1	19.2	19.6	20.1	19.6	66	60	77	68
19	28.1	30.8	26.6	28.5	25.4	25.7	23.3	21.0	19.9	18.6	19.8	71	58	71	67
20	29.8	30.3	26.7	28.9	24.6	25.9	24.7	18.8	20.3	21.5	20.2	60	62	83	68
21	28.9	31.2	26.7	28.9	25.6	25.8	23.8	21.5	20.2	19.6	20.4	72	60	75	69
22	29.0	30.8	26.5	28.8	24.5	24.5	23.4	19.1	17.9	18.8	18.6	63	53	74	63
23	28.0	30.3	26.7	28.3	24.3	24.6	23.9	17.8	18.5	19.8	18.7	63	57	76	65
24	29.3	31.3	27.8	29.5	25.9	25.8	25.1	22.0	21.7	21.3	21.7	72	73	77	74
25	29.3	31.7	27.4	29.5	26.0	26.2	24.2	22.0	20.6	20.2	20.9	72	59	75	69
26	29.0	31.2	26.9	29.0	25.2	25.7	24.5	20.5	19.9	20.7	20.4	69	59	79	69
27	28.5	30.6	26.5	28.5	24.5	25.3	24.2	19.4	19.6	20.5	19.8	66	60	79	68
28	29.2	31.3	26.6	29.0	25.2	26.1	24.2	20.5	20.6	20.4	20.5	68	60	79	69
29	28.9	31.2	27.8	29.3	25.6	26.2	25.4	21.3	20.8	22.2	21.4	72	60	80	71
30	29.3	31.8	27.3	29.5	25.6	26.3	25.2	21.2	20.3	20.6	20.7	69	58	70	66
	28.7	31.9	26.8	29.1	25.4	26.8	25.4	21.2	21.5	22.8	21.8	72	61	88	74
	28.55	30.74	26.47	28.58	24.65	25.33	24.01	19.70	19.46	20.09	19.75	67.5	58.9	77.8	68.1

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JULY 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	3str.cu	8ni	3.7	4s	3	0	118.7	mod.	mist in a.m.
2	1	1str.cu	0	0.7	3	4	0	124.1	,,	
3	0	0	0	0.0	2	3	0	57.5	light	haze in a.m.
4	1str.cu	1str.cu	0	0.7	2	2	0	41.0	,,	
5	1	2str.cu	0	1.0	1	2	0	83.4	,,	haze in a.m.
6	1str cu	2str.cu	0	1.0	1w	3	0	83.6	,,	
7	1	4str.cu	0	1.7	1	4s	0	100.3	mod.	mist in a.m.
8	2	2str.cu	0	1.3	2	4	1	145.0	,,	
9	1	1	0	0.7	1	3	1	178.6	,,	
10	2	1	0	1.0	2	3	0	173.4	,,	
11	1str.cu	0	0	0.3	1	3	0	86.6	light	
12	4str.cu	2str cu	2str.	2.7	3	3	0	114.4	mod.	haze in a.m.
13	2str.cu	1	0	1.0	1	2	0	76.2	light	
14	0	1str.	0	0.3	1nw	1nw	0	44.0	,,	haze in a.m.
15	1	0	0	0.3	1	3	0	83.3	,,	
16	0	1	0	0.3	2	3	0	98.2	,,	
17	2str.cu	2	0	1.3	1	1w	0	98.3	,,	
18	2	3str.cu	0	1.7	0	1w	0	73.8	,,	gen. br. a.m.
19	1str.	1str.cu	0	0.7	1	2	0	80.4	,,	
20	0	1	0	0.3	0	2	0	72.1	calm	gen. br. a.m.
21	1	0	0	0.3	1w	2w	0	60.0	,,	
22	0	4	0	1.3	1	2	0	74.3	light	
23	1str.cu	0	0	0.3	1	2w	1	112.1	mod	
24	1str.	1str.cu	9str.ni	3.7	2	4	0	177.7	,,	mist d. day
25	4str.cu	2str.cu	2str.cu	2.7	3	4s	2w	282.7	slight	mist d. day
26	2str.	1str.cu	6str.cu	3.0	3s	4	0	96.0	mod.	mist d. day
27	3str.cu	2str.cu	0	1.7	0	3w	0	107.7	,,	mist d. day
28	3str.cu	0	4str.cu	2.3	1s	3	0	85.9	light	mist d. day
29	2	0	8str.cu	3.3	1	3	0	74.6	light	mist d. day
30	2str.cu	1	0	1.0	0	2	0	121.2	mod.	gen. br. a.m.
31	1str.cu	3str.cu	0	1.3	1w	2	0	124.4	light	haze d. day
				1.34				104.82		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	3	20	3	1	4
2:30	0	0	0	0	2	23	5	1	0
8.30	0	0	0	0	0	2	1	0	28
Totals	0	0	0	0	5	45	9	2	32

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw

MONTHLY BULLETIN

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THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST, 1928

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

AUGUST 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	754.6	754.5	754.5	754.5	32.7	24.3		12.8	
2	4.4	4.6	4.7	4.6	32.3	24.2		12.4	
3	4.5	4.5	4.9	4.6	31.8	24.2		12.8	
4	5.3	4.8	5.4	5.2	33.1	25.0		12.5	
5	5.6	5.6	6.2	5.8	32.7	25.1		12.6	
6	756.0	755.5	755.3	755.6	32.6	24.2		13.0	
7	4.8	3.9	3.7	4.1	32.4	24.1		12.8	
8	2.0	1.7	2.1	1.9	32.5	25.3		11.0	
9	2.3	3.0	5.1	3.5	32.9	25.4		11.6	
10	6.3	5.6	6.0	6.0	31.9	24.5		12.8	
11	756.0	755.2	755.0	755.4	32.4	26.3		12.8	
12	5.3	4.2	4.8	4.8	33.3	27.3		12.6	
13	5.9	6.4	7.0	6.4	33.4	25.0		12.4	
14	7.3	7.1	7.5	7.3	32.7	24.0		11.0	
15	7.2	6.7	6.7	6.9	32.4	23.6		12.4	
16	756.0	754.7	754.1	754.9	31.7	23.9		12.4	
17	4.0	3.8	4.6	4.1	31.7	24.9		12.1	
18	5.4	5.5	6.9	5.9	32.3	25.8		12.6	
19	7.1	6.9	7.6	7.2	33.7	24.5		12.4	
20	7.3	6.9	7.7	7.3	33.7	24.7		11.7	
21	757.2	756.7	757.2	757.1	31.8	23.9		12.4	
22	7.1	6.2	6.1	6.5	32.1	24.4		12.1	
23	6.1	5.3	5.5	5.6	32.0	24.7		12.0	
24	5.3	5.0	6.0	5.4	32.1	23.9		12.0	
25	6.3	6.2	6.8	6.4	32.4	23.9		11.4	
26	756.4	755.9	755.9	756.1	32.2	24.1		11.8	
27	5.9	5.0	5.7	5.5	32.0	24.3		10.8	
28	5.4	5.7	6.4	5.8	32.0	24.1		12.2	
29	6.9	6.7	7.1	6.9	33.2	25.0		11.8	
30	7.8	9.6	760.1	9.2	33.1	24.6		12.0	
31	6.3	5.9	755.5	5.9	32.4	24.4		8.6	
	755.73	755.46	755.87	755.69	32.47	24.63		12.56	

BAROMETER

Maximum 760.1 on 30th

Minimum 751.7 on 8th

THERMOMETER

Maximum 33.7 on 19th & 20th

Minimum 23.6 on 15th

RAINFALL

Maximum 0 on 0

Number of days with rain 0, fog 0, thunderstorms 0, gale 0

AUGUST 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	29.3	31.8	26.9	29.3	25.3	26.3	25.1	20.5	20.4	22.0	21.0	69	56	83	69
2	29.0	31.2	27.2	29.1	25.3	25.7	24.9	20.7	19.6	21.5	20.6	69	57	81	69
3	29.2	32.6	27.8	29.9	25.3	27.1	24.9	20.7	21.0	21.0	20.9	68	56	76	67
4	29.8	31.8	28.1	29.9	25.2	26.2	25.5	20.0	20.4	21.9	20.8	64	55	78	66
5	29.4	32.4	27.1	29.6	24.8	26.6	25.4	19.3	19.9	22.6	20.6	64	56	85	68
6	29.9	31.8	27.2	29.6	25.8	25.9	23.8	21.2	19.1	19.1	19.9	70	54	72	65
7	29.3	32.1	27.4	29.6	24.8	26.8	24.9	19.6	21.4	18.7	19.9	65	60	68	64
8	29.1	32.3	27.7	29.7	24.9	26.5	24.7	20.0	20.0	20.5	20.2	67	56	74	66
9	29.4	30.8	27.4	29.2	25.1	24.7	22.2	20.0	18.4	16.6	18.3	65	56	65	62
10	30.2	30.8	27.4	29.5	24.7	21.5	21.9	18.7	13.2	15.6	15.8	59	39	57	52
11	29.4	32.3	29.2	30.3	22.5	24.7	22.2	15.4	17.3	15.0	15.9	51	48	50	50
12	30.1	32.5	27.5	30.0	23.7	26.6	23.8	17.0	20.9	18.8	18.9	54	57	69	60
13	29.3	28.0	27.3	28.2	25.2	25.9	24.9	20.5	23.0	21.4	21.6	68	82	80	77
14	28.8	31.3	26.7	28.9	24.7	25.6	24.1	19.6	19.7	20.0	19.8	66	57	77	67
15	28.5	30.8	26.9	28.7	24.6	25.2	24.6	19.7	19.2	21.0	20.0	68	58	80	69
16	28.9	30.9	26.9	28.9	24.7	25.7	24.7	19.7	20.2	21.1	20.3	66	60	80	69
17	29.4	31.4	26.8	29.2	25.3	26.3	25.2	20.0	21.0	21.6	20.9	64	61	78	68
18	30.7	32.4	26.6	29.9	23.9	24.6	23.3	17.0	17.0	18.6	17.5	50	47	71	56
19	29.7	31.1	27.8	29.5	24.7	25.4	23.9	19.1	19.8	18.8	19.2	62	60	68	63
20	28.7	30.1	26.9	28.6	24.7	25.7	23.6	19.8	20.1	18.8	19.6	67	60	72	66
21	28.7	31.8	26.9	29.1	24.2	25.3	23.8	18.8	18.6	19.4	18.9	63	53	73	63
22	29.1	30.1	27.2	28.8	24.9	25.3	24.4	18.3	19.5	20.4	19.4	60	58	77	65
23	29.5	31.3	27.2	29.3	22.6	26.2	25.0	15.5	20.8	21.6	19.3	51	60	80	64
24	28.9	33.1	27.3	29.4	25.2	26.6	25.1	20.5	21.6	21.6	21.1	69	59	80	69
25	28.8	31.7	27.3	29.3	25.5	25.9	24.4	21.3	20.6	20.2	20.5	73	57	75	66
26	28.7	31.4	26.7	28.9	25.3	25.8	24.1	20.9	20.0	20.2	20.4	72	58	77	69
27	27.3	31.4	27.3	28.7	24.6	26.1	24.9	20.6	20.4	21.4	20.8	77	59	80	72
28	29.6	32.2	28.2	30.0	25.3	25.3	23.9	20.4	18.2	16.9	18.6	65	52	56	58
29	29.3	31.1	27.6	29.3	24.9	25.9	24.9	19.8	20.5	21.3	20.5	66	60	77	68
30	29.7	30.8	26.5	29.0	23.7	24.8	23.8	17.1	18.5	19.7	18.4	55	55	77	62
31	27.6	30.6	26.9	28.4	23.2	23.1	22.1	17.7	15.6	16.1	16.5	64	48	60	57
	29.20	31.38	27.29	29.29	24.65	25.58	24.19	19.33	19.33	19.79	19.55	64.2	56.6	73.4	64.8

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction —0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

AUGUST 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30.	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	0	0	0.0	1	2	0	132.7	light	
2	1	1	0	0.7	1	3	0	98.4	,,	
3	1	1	0	0.7	2	3	1	201.6	mod.	
4	3str cu	6str. ni	1str	3.3	2	4s	1s	250.4	,,	
5	1	1str. cu	0	0.7	2	2	0	175.3	light	
6	1	0	0	0.3	0	1w	0	142.1	,,	
7	1	1str. cu	0	0.7	1s	3	0	127.1	,,	haze in a.m
8	1	0	0	0.3	4s	4w	4s	314.0	rough	haze d. day
9	6str cu	4str. cu	0	3.3	0	3w	2w	350.1	,,	mist d. day
10	0	0	0	0.0	0	6ne	5n	464.5	,,	
11	0	0	0	0.0	0	3ne	4ne	570.3	,,	sirocco
12	0	0	0	0.0	0	0	0	534.8	,,	
13	0	0	0	0.0	1	2	0	164.3	light	
14	1	1	0	0.7	1	1	0	155.5	,,	
15	1str. cu	0	3str. cu	1.3	1	2	0	80.5	calm	haze in a.m.
16	1	1str. cu	0	0.7	1	1	0	94.4	,,	
17	1str. cu	4str. cu	0	1.7	2w	2s	0	215.9	mod	haze in a.m.
18	0	0	0	0.0	0	1ne	0	178.6	light	
19	0	0	0	0.0	0	1nw	0	175.7	,,	
20	1str. cu	1str. cu	0	0.7	0	1nw	0	152.8	,,	
21	1str. cu	1str. cu	0	0.7	0	2	0	152.1	,,	gen. br. a.m.
22	2str. cu	0	0	0.7	0	2	0	143.5	,,	
23	1str. cu	2str. cu	1str. cu	1.3	1w	2	0	97.2	calm	
24	1str. cu	1str. cu	1str.	1.0	1	2	0	161.2	light	
25	2str. cu	0	3str.	1.7	3	3	0	195.0	mod.	haze in a.m.
26	3str. cu	1str. cu	0	1.3	0	2	0	108.6	calm	gen. br. a.m.
27	5str. cu	0	0	1.7	0	1nw	1s	103.6	light	
28	0	0	0	0.0	1	3ne	2e	265.0	mod.	
29	0	1cu	8str. ni	3.0	0	1nw	0	175.0	light	
30	0	0	0	0.0	1	3	0	136.5	,,	
31	8str. ni	2str. cu	6str. ni	5.3	2s	4s	0	198.7	mod	trace eve.
				1.03				208.72		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	3	14	2	0	12
2:30	0	4	0	0	3	16	3	4	1
8.30	1	1	1	0	3	1	1	0	23
Totals	1	5	1	0	9	31	6	4	36

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, SW

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER, 1928

J. A. BROWN, DIRECTOR

LIBRARY
FEB 8 - 1929
WEATHER BUREAU

Printed at the American Press
Beirut, Syria

SEPTEMBER 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	755.9	755.6	757.2	756.2	31.9	24.6		10.7	
2	8.4	8.1	8.8	8.4	31.7	24.6		11.2	
3	8.6	7.2	7.5	7.8	31.6	24.6		10.6	
4	8.0	7.0	7.3	7.4	31.3	22.3		11.4	
5	7.0	5.9	6.8	6.6	31.5	25.2		11.2	
6	756.2	756.0	756.3	756.2	32.0	24.4		11.2	
7	7.2	8.0	8.8	8.0	31.9	23.8		10.6	
8	9.5	9.1	9.4	9.3	31.9	23.3		11.4	
9	9.5	8.1	8.0	8.5	30.4	23.1		11.3	
10	7.8	6.7	6.9	7.1	30.9	23.4		11.2	
11	756.8	756.2	757.3	756.8	31.3	24.1		10.8	
12	8.8	8.8	9.6	9.1	30.8	23.9		10.9	
13	760.4	760.1	760.6	760.4	31.0	23.7		9.8	
14	0.3	0.0	0.0	0.1	30.5	23.2		10.8	
15	759.9	759.5	0.5	0.0	30.6	23.2		5.2	
16	759.0	758.2	759.1	758.8	29.3	22.8		9.5	
17	9.9	8.8	9.0	9.2	29.9	22.1		11.4	
18	760.0	9.1	9.0	9.4	30.2	22.8		10.8	
19	759.0	7.9	8.1	8.3	30.6	23.4		11.2	
20	8.5	7.8	760.0	8.8	31.0	23.9		10.5	
21	758.2	757.3	757.9	757.8	31.1	23.4		10.9	
22	7.7	7.1	8.0	7.6	30.7	23.6		10.8	
23	9.3	8.7	9.7	9.2	30.4	23.0		10.8	
24	760.6	9.7	761.0	760.4	29.9	22.6		10.8	
25	2.1	761.2	1.7	1.7	30.3	22.5		10.4	
26	761.3	760.1	760.7	760.7	30.4	22.8		10.2	
27	0.4	759.7	759.1	759.7	30.6	23.3		10.0	
28	0.5	9.3	9.8	9.9	31.3	25.6		10.4	
29	0.1	9.0	9.6	9.6	30.4	23.4		10.5	
30	759.6	9.1	9.1	9.3	30.3	23.4		10.0	
31									
	759.02	758.31	758.89	758.74	30.86	23.53		10.55	

BAROMETER

Maximum 762.1 on 25th
Minimum 755.9 on 1st

THERMOMETER

Maximum 32.0 on 6th
Minimum 22.1 on 17th

RAINFALL

Maximum 0 on 0

Number of days with rain 0, fog 0, thunderstorms 0, gale 0

SEPTEMBER 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	29.3	30.9	27.3	29.2	23.9	24.6	23.7	18.0	17.9	18.9	18.3	59	54	71	61
2	29.4	31.3	26.6	29.1	23.8	25.4	24.4	17.7	19.2	20.8	19.2	58	56	80	65
3	29.4	30.3	27.2	29.0	25.1	25.3	24.6	20.1	19.8	20.6	20.2	65	61	77	68
4	29.2	30.7	27.4	29.1	24.7	25.8	25.2	19.5	20.6	21.8	20.6	64	62	80	68
5	28.0	30.8	26.7	28.5	24.3	25.2	24.2	19.4	19.3	20.4	19.7	69	57	78	68
6	28.7	29.8	26.8	28.4	24.3	22.3	21.9	18.6	14.7	15.9	16.4	64	47	60	57
7	28.5	30.7	26.2	28.5	20.7	21.8	21.1	13.1	13.7	15.0	13.9	46	41	58	48
8	28.6	29.6	26.7	28.3	21.7	21.4	20.7	14.6	13.7	14.0	14.1	49	44	54	49
9	28.7	30.6	25.7	28.3	22.4	23.3	21.8	15.6	16.0	16.5	16.0	53	49	67	56
10	28.7	30.6	26.3	28.5	21.6	22.3	21.3	14.4	14.5	15.2	14.7	49	44	59	51
11	29.2	29.4	26.7	28.4	23.1	23.6	22.4	16.4	17.1	16.9	16.8	55	56	65	59
12	28.4	30.8	26.1	28.4	22.7	22.2	22.3	16.1	14.2	17.1	15.8	55	42	68	55
13	27.8	29.6	26.4	27.9	22.8	23.4	22.1	16.8	16.9	16.5	16.7	60	55	64	60
14	27.7	27.2	25.9	26.9	22.5	24.0	22.1	16.4	19.5	17.8	17.9	60	74	72	69
15	26.9	27.3	25.6	26.6	22.2	22.3	21.8	16.2	16.3	16.5	16.3	61	60	68	63
16	26.8	29.3	24.7	26.9	20.3	22.2	20.8	13.4	15.0	15.5	14.6	51	50	67	56
17	27.6	29.5	25.0	27.4	23.2	24.6	23.1	17.6	19.0	19.3	18.6	65	61	82	69
18	26.9	30.2	26.3	27.8	23.7	24.8	23.7	19.1	19.0	19.6	19.2	72	59	77	69
19	27.5	30.2	26.6	28.1	24.6	25.2	23.8	20.4	19.6	19.4	19.8	75	61	76	71
20	27.8	30.2	25.9	28.0	24.5	25.3	22.6	20.0	19.8	17.8	19.2	72	62	72	69
21	27.5	30.1	25.6	27.7	24.7	25.1	23.8	20.6	19.5	20.4	20.2	76	61	83	73
22	27.4	29.8	25.6	27.6	23.8	24.5	22.8	19.0	18.6	18.4	18.7	71	59	75	68
23	27.4	29.7	24.4	27.2	22.1	22.4	20.6	15.9	15.0	15.3	15.4	58	48	67	58
24	26.9	29.5	25.8	27.4	23.0	24.3	22.3	17.0	18.4	17.2	17.5	67	60	69	65
25	27.2	30.1	24.8	27.4	22.9	24.2	23.1	17.5	17.8	19.4	18.2	65	57	82	68
26	27.4	30.0	26.2	27.9	23.8	25.3	23.9	19.0	20.0	20.4	19.8	70	63	80	71
27	28.3	30.9	26.8	28.7	23.6	26.4	23.8	18.0	21.2	19.3	19.5	62	64	73	66
28	28.2	29.8	25.8	27.9	23.1	23.7	22.1	17.2	17.2	16.8	17.1	60	55	68	61
29	27.8	30.1	25.1	27.7	23.6	24.1	22.4	17.3	17.6	18.0	17.6	62	56	75	64
30	27.0	29.4	25.9	27.4	22.9	24.7	23.7	17.6	19.4	20.0	19.0	66	63	80	70
31															
	28.01	29.98	26.07	28.01	23.19	23.97	22.74	17.42	17.68	18.02	17.70	62.0	56.0	71.6	63.2

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

SEPTEMBER 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	4str.ni	1str.cu	4str.cu	3.0	2s	2	1s	283.3	mod.	tr. rain
2	1	2	4str.cu	2.3	1s	2	0	142.9	light	
3	3str.cu	1	0	1.3	1e	2s	3n	164.9	mod.	haze in a.m.
4	1	1	0	0.7	3n	3n	1nw	424.0	light	
5	0	0	0	0.0	0	1w	0	218.0	mod.	
6	0	1	0	0.3	1s	4nw	3n	142.0	light	
7	0	0	0	0.0	1	1	1n	174.3	,,	haze d. day.
8	0	0	0	0.0	0	2nw	1n	121.7	,,	
9	0	1	0	0.3	0	1nw	0	231.2	,,	
10	1	1	4str.ni	2.0	1s	2	0	133.6	,,	
11	1	4str.cu	1str	2.0	0	3	0	190.2	,,	gen. br. a.m.
12	1	1str.	0	0.7	1s	2s	0	144.8	,,	
13	1str.cu	8str.ni	0	3.0	1s	2	0	97.7	,,	
14	0	0	0	0.0	1w	2nw	0	136.7	,,	
15	3str.cu	8ni	2str.cu	3.3	1s	2s	0	161.5	,,	tr. rain d. d.
16	6str.cu	1	0	2.3	1s	2	0	109.4	,,	
17	1	1str.cu	0	0.7	1s	1w	0	176.7	,,	
18	0	0	0	0.0	0	1w	1e	114.3	,,	haze in a.m.
19	0	0	0	0.0	0	1nw	0	177.2	,,	haze in a.m.
20	1	2str.cu	0	1.0	1	1w	0	90.1	calm	
21	3ci.str.	2str.	1str.	2.0	1w	2s	0	87.5	,,	
22	1str.cu	3str.cu	0	1.3	1	2	0	137.6	light	
23	3str.cu	1str.	1str.	1.7	2s	2	0	173.7	,,	
24	1	2str.cu	6str.cu	3.0	1	1s	0	209.2	mod.	
25	1	1	0	0.7	1s	2s	0	114.1	light	
26	1	0	0	0.3	0	0	0	71.0	calm	haze in a m.
27	0	0	0	0.0	1	3	1s	193.3	light	
28	4str.ni	1	6str.ni	3.7	3s	3s	0	275.4	mod.	
29	1	0	1str.	0.7	1	1	0	118.2	light	
30	4 ci.	2str.cu	0	2.0	0	1nw	0	184.2	,,	
31										
				1.28				166.62		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	1	0	12	6	2	0	8
2:30	1	0	0	0	7	11	4	6	1
8.30	4	0	1	0	2	0	1	0	22
Totals	6	0	2	0	21	17	7	6	31

N. B. — Cloud numbers without letters are all cu..
Wind ,, ,, ,, ,, ,, sw

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER, 1928

J. A. BROWN, DIRECTOR

LIBRARY
FEB 8 - 1929
WEATHER BUREAU

Printed at the American Press
Beirut, Syria

OCTOBER 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	759.4	758.0	758.1	758.6	30.4	24.4		10.4	
2	8.5	7.4	7.7	7.9	30.2	24.5		8.6	
3	8.4	7.4	7.6	7.8	30.9	24.2		10.2	
4	7.5	6.9	8.0	7.5	30.8	23.8		10.2	
5	9.7	9.9	760.7	760.1	29.9	22.3		9.0	0.76
6	761.4	760.2	760.9	760.8	28.2	20.2		10.4	
7	0.9	0.1	0.5	0.5	26.6	18.9		10.5	
8	1.2	0.8	2.4	1.5	26.8	16.1		9.3	
9	2.8	1.7	1.7	2.1	27.1	18.9		9.4	
10	1.0	759.8	1.3	0.7	26.8	17.9		8.5	5.47
11	762.4	761.7	761.8	762.0	26.9	17.9		9.8	
12	0.2	759.8	759.8	759.9	26.3	19.6		6.5	
13	1.4	761.2	762.4	761.7	29.4	17.2		9.8	4.45
14	2.0	0.5	759.9	0.8	25.8	19.3		10.5	
15	1.6	1.0	762.3	1.6	26.4	20.4		10.1	
16	764.4	764.3	765.0	764.6	27.7	20.6		10.5	
17	5.4	3.1	4.3	4.3	26.9	20.3		10.1	
18	3.5	2.3	2.8	2.9	27.1	21.3		9.0	
19	3.2	2.0	3.3	2.8	26.0	19.9		9.2	
20	4.3	3.0	2.7	3.3	26.0	20.3		9.8	
21	762.3	760.4	760.8	761.2	26.4	20.2		9.7	
22	1.1	759.7	0.8	0.5	27.1	20.2		9.3	
23	1.2	760.5	1.4	1.0	28.3	19.8		10.4	
24	3.1	2.7	3.1	3.0	27.1	19.9		10.4	
25	3.0	1.5	1.7	2.1	27.9	19.8		10.2	
26	760.3	758.5	758.3	759.0	26.7	19.9		10.1	
27	758.4	7.6	9.0	8.3	27.5	19.7		10.0	
28	8.9	9.2	760.6	9.9	26.7	19.7		10.1	
29	762.1	761.8	762.3	762.1	25.3	19.4		10.0	
30	2.0	0.7	1.2	1.3	25.4	19.4		9.0	
31	0.3	759.2	0.4	0.0	24.8	19.8		8.5	
	761.38	760.42	761.06	760.96	27.40	19.86		9.64	0.94

BAROMETER

Maximum 765.4 on 17th

Minimum 756.9 on 4th

THERMOMETER

Maximum 30.9 on 3rd

Minimum 16.1 on 8th

RAINFALL

Maximum 5.47 on 10th

Number of days with rain 3, fog 0, thunderstorms 0, gales 0

OCTOBER 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m. m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	27.1	29.4	26.6	27.7	23.3	24.9	24.4	18.2	19.7	20.8	19.6	69	64	80	71
2	27.9	30.3	26.7	28.3	24.7	25.9	24.9	20.3	20.5	21.9	20.9	63	64	85	74
3	27.7	29.6	26.7	28.0	24.8	25.2	24.0	20.4	20.3	19.9	20.2	71	65	76	71
4	27.7	29.2	25.1	27.3	24.2	23.7	20.7	19.5	17.6	15.0	17.4	71	58	64	64
5	26.2	26.7	23.9	25.6	19.7	19.6	17.1	12.9	12.5	10.6	12.0	50	48	48	49
6	24.6	25.9	22.4	24.3	20.7	18.1	16.0	15.0	10.9	10.2	12.0	67	45	51	54
7	23.8	26.2	23.3	24.4	17.0	18.3	16.7	10.6	11.0	10.4	10.6	48	44	48	47
8	25.2	25.8	22.8	24.6	18.2	17.9	17.1	11.4	10.8	11.1	11.1	48	44	53	48
9	24.7	26.0	21.4	24.0	18.1	18.9	17.2	11.5	12.0	11.9	11.8	50	48	63	54
10	21.8	26.3	23.3	23.8	19.1	21.4	19.1	14.5	15.4	13.6	14.5	74	60	64	66
11	24.7	25.9	21.1	23.9	19.2	19.1	17.7	12.9	12.2	12.1	12.4	56	49	65	57
12	24.2	24.2	22.2	23.5	18.2	19.3	17.9	11.8	13.1	12.4	12.4	52	57	62	57
13	23.6	24.8	21.3	23.2	19.1	19.8	16.0	13.4	13.8	10.5	12.6	62	59	56	59
14	24.1	25.7	22.1	24.0	19.3	19.7	19.9	13.4	13.3	15.6	14.1	60	54	79	64
15	24.9	27.4	23.3	25.2	19.6	21.7	20.4	13.4	15.2	15.6	14.7	58	55	73	62
16	25.2	26.3	23.3	24.9	20.6	21.5	20.1	14.7	15.6	15.1	15.1	61	61	70	64
17	24.8	25.8	21.8	24.1	19.6	21.8	19.4	13.4	16.4	14.9	14.9	58	66	77	67
18	24.8	25.3	24.7	24.9	20.9	20.1	18.3	15.6	13.9	11.7	13.7	68	57	51	59
19	23.3	24.8	22.8	23.6	18.6	17.7	16.8	12.9	10.9	10.8	11.5	60	47	52	53
20	24.3	24.5	20.9	23.2	17.9	19.3	19.1	11.5	13.2	13.2	12.6	51	58	59	56
21	24.4	25.6	23.7	24.6	18.9	20.7	19.9	12.7	14.7	14.6	14.0	55	60	67	61
22	24.8	28.1	23.3	25.4	19.6	17.6	19.0	13.5	9.3	13.7	12.2	58	35	63	52
23	24.1	25.6	21.0	23.6	19.0	20.5	17.7	13.0	14.3	12.9	13.4	58	58	70	62
24	25.2	26.2	21.7	24.4	17.6	19.7	17.6	10.6	12.9	12.3	11.9	44	51	64	53
25	24.1	25.2	23.9	24.4	17.3	19.4	18.6	10.8	13.0	12.6	12.1	49	55	57	54
26	24.2	25.8	22.4	24.1	15.7	20.2	19.5	8.9	13.9	14.4	12.4	40	56	69	55
27	24.5	25.6	21.1	23.7	17.7	19.8	18.2	11.0	13.4	13.6	12.7	48	54	72	58
28	24.0	24.8	22.3	23.7	18.7	20.2	18.2	12.8	14.4	12.8	13.3	57	62	64	63
29	23.9	24.3	22.2	23.5	18.8	18.6	19.0	12.8	12.4	14.1	13.1	57	55	70	60
30	23.0	23.8	21.0	22.6	19.4	19.2	18.3	14.2	13.4	13.7	13.8	70	60	74	68
31	24.0	27.1	23.3	24.8	20.6	20.1	15.6	15.6	13.0	9.1	12.6	69	48	43	53
	24.73	26.20	22.96	24.62	19.55	20.32	18.85	13.65	13.97	13.58	13.73	58.1	54.8	64.2	59.2

Height of Barometer above sea level: 33.7 meters.
,, ,, Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

OCTOBER 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	1	1	0	0.7	0	2ne	1n	240.9	light	
2	4ci.str	3ci. cu	1str.cu	2.7	0	1se	2ne	258.0	,,	
3	1	1	2str	1.3	1	1ne	1ne	244.3	,,	
4	3str.cu	2str.cu	2str.	2.3	3s	4s	3s	319.5	mod.	
5	2	1	0	1.0	2w	4se	3n	531.6	rough	sirocco
6	1str.	0	0	0.3	3n	1ne	2n	467.7	mod.	
7	1	1	0	0.7	1n	3nw	4n	470.7	,,	
8	0	0	0	0.0	1nw	1nw	2n	182.1	,,	
9	1	0	1	0.7	0	1w	0	178.9	calm	
10	10ni	4str.cu	3str.cu	5.7	1se	3s	4s	212.3	slight	
11	2str.cu	1str.cu	0	1.0	1s	2s	0	171.1	light	
12	6str.cu	6str.ni	10ni	7.3	1s	3s	2s	291.9	mod.	tr.rn. sirocco
13	2	1	2str.	1.7	0	1w	0	162.7	light	sirocco
14	1	2ci	0	1.0	1e	2ne	0	181.8	,,	
15	1	1	1str.	1.0	0	1w	0	175.9	calm	
16	2str.cu	1	0	1.0	1ne	1e	0	152.3	light	
17	0	3str.cu	0	1.0	0	1w	0	85.6	calm	
18	8ni	6str.ni	0	4.7	3s	3	2s	145.0	slight	tr. rain
19	6str.ni	1	0	2.3	0	1nw	2n	128.9	mod.	
20	0	0	0	0.0	1ne	3n	2n	183.6	,,	
21	0	0	0	0.0	3n	3n	3n	540.7	slight	
22	0	0	0	0.0	1n	1	0	249.4	light	
23	0	1	0	0.3	0	1n	0	166.3	calm	
24	0	0	0	0.0	0	0	0	96.8	,,	
25	0	0	0	0.0	0	1n	3n	119.3	light	
26	1ci	2ci.	2ci	1.7	0	1nw	1ne	214.8	,,	
27	0	1	0	0.3	1s	1w	0	225.3	,,	
28	0	1	0	0.3	0	1nw	0	75.3	calm	
29	0	1	4ci	1.7	0	1nw	1ne	144.0	,,	lunar halo
30	4ci cu	2str.cu	0	2.0	1ne	1se	0	174.0	light	solar halo
31	2ci str.	4cistr.	3ci.cu	3.0	0	2w	0	72.9	,,	
				1.47				221.46		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	4	3	1	1	5	1	1	1	14
2:30	4	4	1	3	4	2	6	6	1
8.30	9	4	0	0	4	0	0	0	14
Totals	17	11	2	4	13	3	7	7	29

N. B. — Cloud numbers without letters are all cu..
Wind ,, ,, ,, ,, ,, sw

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

NOVEMBER, 1928

J. A. BROWN, DIRECTOR

LIBRARY
MAR 10 1933

Printed at the American Press
Beirut, Syria

NOVEMBER 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Minon grass	hrs.	m.m.
1	761.3	760.1	760.6	760.7	27.4	21.9		0.0	
2	0.7	0.3	758.5	759.8	26.8	17.4		7.8	
3	2.2	1.3	762.0	761.8	24.6	18.9		9.8	
4	2.3	1.0	2.0	1.8	24.6	17.6		9.8	
5	3.3	2.4	4.2	3.3	23.6	18.3		9.2	
6	765.3	764.0	765.2	764.8	24.4	17.9		9.5	
7	5.5	3.9	4.2	4.4	24.6	18.9		8.8	
8	3.8	4.9	3.7	4.1	25.2	18.7		1.2	0.38
9	3.9	3.2	4.8	4.0	24.3	18.6		6.6	
10	4.9	4.1	4.3	4.5	27.0	19.1		9.8	
11	763.1	761.3	761.3	761.9	25.1	18.5		9.7	
12	1.1	759.8	0.7	0.5	24.2	18.9		10.0	
13	1.4	760.8	3.9	2.0	24.8	20.0		9.5	
14	1.4	0.8	0.3	0.8	25.8	20.0		8.2	
15	759.3	758.8	759.4	759.2	26.1	20.0		7.8	1.27
16	756.6	758.0	758.0	757.5	28.7	19.9		2.6	7.24
17	7.3	7.2	9.5	8.0	22.7	17.0		7.5	
18	760.3	760.0	761.3	760.5	23.3	17.4		9.4	
19	3.5	2.6	3.4	3.2	23.2	17.4		9.6	
20	2.6	0.3	760.1	1.0	23.0	17.4		2.5	
21	758.5	757.5	759.4	758.5	24.6	14.4		3.4	39.21
22	9.4	9.1	9.7	9.4	21.5	14.2		2.2	31.25
23	.92	7.8	9.9	9.0	18.5	12.4		0.0	68.42
24	764.5	764.7	766.8	765.3	17.2	10.7		8.8	0.51
25	7.5	5.8	6.8	6.7	17.3	13.9		6.7	0.51
26	765.9	764.0	764.4	764.8	19.9	15.4		9.5	
27	2.4	3.9	4.2	3.5	20.7	15.0		8.0	
28	1.8	1.8	3.5	2.4	20.8	16.7		1.5	0.37
29	3.6	2.6	2.9	3.0	21.5	15.6		9.2	
30	2.6	1.2	0.9	1.6	21.3	15.6		9.4	
	762.17	761.44	762.20	761.93	23.42	17.26		6.93	4.97

BAROMETER

Maximum 767.5 on 25th

Minimum 756.6 on 16th

THERMOMETER

Maximum 28.7 on 16th

Minimum 12.4 on 23rd

RAINFALL

Maximum 68.42 on 23rd

Number of days with rain 9, fog 0, thunderstorms 2, gales 0

NOVEMBER 1928

METEOROLOGICAL REGISTER.

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	23.1	24.2	21.4	22.9	17.4	18.4	18.7	11.5	12.2	141.	12.6	55	54	74	61
2	21.7	24.1	20.0	21.9	16.2	19.7	17.4	10.4	14.0	13.1	12.5	53	63	75	64
3	23.6	23.9	19.7	22.4	17.8	19.4	16.4	11.7	13.8	11.8	12.4	53	62	69	61
4	21.9	22.9	18.9	21.2	15 4	18.2	16 2	9.4	12.6	11.9	11.3	48	60	73	60
5	23.3	23.7	19.9	22.3	17.2	19.7	18.2	11.0	14.2	14.1	13.1	52	66	83	67
6	22.9	23.4	21.3	22.5	15.2	16.9	17.7	8.8	10.7	12.7	10.7	42	50	68	53
7	22.9	24 9	20 4	22.7	18.3	17.9	16.8	12.6	11.2	11.9	11.9	61	49	66	59
8	21.9	21.4	20.4	21.2	16.0	18.6	15.2	10.2	14 0	9 9	11.4	52	74	55	60
9	22.9	26 2	21.4	23 5	18.3	18.9	18.7	12.6	11.8	14.1	12.8	61	47	74	61
10	23.7	23.7	22.1	23 2	17.3	19.6	19.7	11.0	14.1	15.3	13.5	50	65	77	64
11	22.2	23.3	21.9	22.5	18.3	18.3	20.2	13.0	12 5	16.2	13.9	65	58	83	69
12	23 3	23.9	21.3	22.8	16.9	19.7	15 9	10.6	14.1	10 4	11.7	50	64	55	56
13	23.9	24.1	21.8	23 3	17.2	19.7	17.7	10.8	14 0	12.4	12 4	49	63	64	59
14	23.9	24.0	23.0	23 6	19.0	20 3	15 2	13.1	15.0	8.9	12 3	59	67	42	56
15	28.6	26.3	22.3	25.7	17.9	18.9	18.1	10.0	11.7	12.7	11.5	35	45	63	48
16	20.2	21.1	18 9	20.1	19.1	17.9	15.7	15.6	13 2	11.2	13 3	88	70	70	76
17	23 6	22.1	19 0	21.6	15.9	16.6	15.8	9 5	10 8	11.3	10.5	43	55	69	56
18	21.9	21.9	19.3	21.0	16.5	17.3	15.4	10.8	11.8	10 6	11.1	55	60	64	60
19	22.1	22.2	19 2	21.2	16.3	17.4	15.9	10.6	11.8	11.4	11.3	53	59	69	60
20	22 5	23.4	21.3	22.4	16.7	17.5	17.6	10.7	11.4	12.6	11.6	52	54	67	57
21	18 1	19.3	15.6	17.7	15.2	15.3	14.0	11.0	10.6	10.9	10.8	72	63	82	72
22	16.1	15.9	15.0	15.6	14.8	15.1	13.9	11.7	12.3	11.1	11.7	86	91	89	89
23	13.7	12.1	14.2	13.3	12.4	10.8	12.1	10.3	8.9	9.3	9.5	91	85	78	85
24	16.4	17.1	15.1	16.2	10 9	12.3	11.4	7.0	8.1	8.1	7.7	50	56	63	57
25	16.6	19.1	17.1	17.6	13.2	14 7	12.8	9.4	9.9	9.3	9.5	67	61	64	64
26	16.4	19.2	17.4	17.6	13.3	14.2	12.8	9.6	9.3	8.5	9.1	69	56	58	61
27	18.3	20.1	17.4	18.6	13 9	15.4	14.1	9.3	10.3	10.0	9.8	59	57	68	61
28	19.8	20.6	18.2	19 5	15.9	16.9	15.6	11.0	11.9	11.5	11.5	63	66	74	67
29	19.4	20.6	17.6	19.2	14.9	16.9	13.7	10.0	11.9	9.5	10.5	60	66	63	63
30	19.7	23.4	18 9	20.7	16.0	16.9	14 6	11.2	10.7	9.9	10.6	65	50	61	59
	21 15	21.93	19.33	20 80	16.11	17 31	15.92	10.81	11.96	11.49	11.42	58.6	61.2	68.7	62 8

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Gravity Correction — 0.79mm.
Time of readings according to Standard Time of 30th E. Meridian.

NOVEMBER 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8ni	8str.ni	3str.cu	6.3	2s	4	0	120.7	mod.	
2	4ci cu	6ci str.	0	3.3	0	1s	0	312.8	light	st.ni.tr.ra.
3	1	2str.	0	1.0	0	0	0	222.3	calm	
4	1	1	0	0.6	0	1	0	75.9	,,	
5	6ci cu	2str.cu	0	2.7	0	1	0	100.4	,,	
6	1	3ci	0	1.0	0	0	0	84.0	,,	
7	1str.	1	0	0.7	0	1	0	36.0	,,	
8	8str.ni	10ni	0	3.0	0	3	0	141.1	light	
9	3str.cu	8ci.ni	0	3.7	1se	2s	0	223.4	mod.	
10	0	0	0	0.0	0	1ne	2n	113.1	light	
11	0	0	0	0.0	0	3n	0	229.1	slight	
12	0	0	0	0.0	0	1ne	0	117.8	calm	par. sol.ecl.
13	0	3ci	0	1.0	0	1ne	0	74.6	,,	
14	8ci	3ci	0	3.7	1s	0	0	121.3	light	
15	1str.cu	8ni	0	3.0	1ne	1ne	3nw	298.2	slight	sirocco
16	10ni	8ni.cu	2	6.7	1s	2s	0	185.5	mod.	
17	3str.cu	10ni	1str.	4.7	0	1s	0	177.6	light	
18	2ci cu	2str.	0	1.3	0	1n	0	52.5	calm	
19	1	1str.	0	0.7	0	1s	1n	92.0	,,	
20	10ni	6str cu	10ni	8.7	2s	4s	3s	224.0	slight	tr. rain
21	8ni	6str.ni	8ni	7.3	8s	6s	3s	394.4	stormy	
22	10ni	10ni	8ni	9.3	3s	4s	2s	314.1	slight	t.l.r.d. & ni.
23	10ni	10ni	10ni	10.0	2s	3se	6s	348.7	rough	t.l.r.d. & ni.
24	3str.cu	2str.ci	9ni	4.7	2	2s	1s	382.0	,,	snow on mts.
25	8ni	3str.ci.	6str.	5.7	3s	1w	2w	127.4	light	
26	1	1	1ci	1.0	0	1ne	0	72.4	calm	
27	3ci str.	1str.cu	4str.cu	2.7	2s	3s	2se	239.4	mod.	
28	8str.ni	10ni.	10ni	9.3	2s	4s	1s	275.2	slight	
29	0	6ci	2ci.cu	2.7	0	2e	0	247.5	mod.	
30	0	1ci	0	0.3	0	0	1e	92.2	calm	
				8.5				183.19		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	1	10	1	0	0	17
2:30	2	5	1	1	11	5	1	0	4
8.30	2	0	1	1	6	0	1	1	18
Totals	4	6	2	3	27	6	2	1	39

N. B. — Cloud numbers without letters are all cu.
Wind

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

DECEMBER, 1928

J. A. BROWN, DIRECTOR

LIBRARY
JAN 1929
GETTYSBURG

Printed at the American Press
Beirut, Syria

DECEMBER 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	759.9	758.7	758.8	759.1	21.5	16.2		9.5	
2	7.3	6.4	7.8	7.2	22.1	16.4		0.0	
3	761.5	761.8	762.6	762.0	24.4	16.3		3.2	5.18
4	1.9	3.2	1.4	2.2	23.1	14.4		6.4	3.99
5	2.0	0.3	0.5	0.9	15.7	14.1		0.0	37.92
6	759.6	759.4	759.4	759.5	17.2	13.0		2.0	24.39
7	7.5	5.1	6.8	6.5	16.4	9.7		0.0	26.75
8	8.2	6.9	9.0	8.0	14.4	7.8		6.3	16.64
9	762.3	762.3	764.0	762.9	14.3	7.8		7.8	12.45
10	4.7	4.8	5.7	5.1	15.4	11.0		3.2	0.86
11	767.0	765.3	765.4	765.9	16.4	12.2		2.2	0.25
12	6.0	4.9	5.8	5.5	17.9	13.6		9.0	
13	5.3	4.8	3.9	4.6	18.6	12.8		8.7	
14	3.3	1.7	0.5	1.8	18.7	15.3		6.8	
15	756.9	758.2	760.4	758.5	20.7	16.9		5.6	
16	760.8	759.9	760.8	760.5	23.6	15.1		7.2	
17	0.2	7.5	757.5	758.4	18.8	15.0		8.8	
18	757.8	8.4	761.2	9.1	17.4	11.1		0.5	21.08
19	765.6	765.2	5.7	765.5	16.2	10.6		6.5	2.54
20	3.2	0.9	2.3	1.8	17.0	12.9		7.6	1.06
21	766.0	766.3	768.1	766.8	17.9	11.0		3.5	26.72
22	5.9	7.9	8.4	7.4	15.7	11.1		1.2	9.52
23	8.4	7.2	7.6	7.7	15.8	11.1		5.6	
24	6.2	4.8	5.5	5.5	16.7	12.5		7.0	
25	2.9	2.7	3.9	3.2	17.6	14.2		2.0	
26	764.0	763.3	763.9	763.7	19.4	15.6		1.8	
27	2.7	0.2	0.6	1.2	19.6	15.6		0.0	
28	3.5	4.1	6.2	4.6	19.2	16.2		3.6	
29	7.0	3.5	3.0	4.5	19.1	13.1		6.4	
30	759.0	757.0	758.2	758.1	17.1	13.0		4.6	
31	761.2	762.0	761.8	762.5	20.0	15.0		4.5	18.85
	762.48	761.76	762.59	762.27	18.45	13.24		4.57	6.72

BAROMETER

Maximum 768.4 on 22nd & 23rd

Minimum 755.1 on 7th

THERMOMETER

Maximum 24.4 on 3rd

Minimum 7.8 on 8th & 9th

RAINFALL

Maximum 37.92 on 5th

Number of days with rain 15, fog 0, thunderstorms 3, gale 2

DECEMBER 1928
METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	19.7	21.0	19.2	20.0	14.9	16.8	13.4	9.9	11.5	8.5	10.0	57	62	51	56
2	22.5	24.4	23.1	23.3	17.3	22.9	15.4	11.5	19.6	9.1	13.4	56	86	43	62
3	18.9	16.8	16.5	17.4	14.7	14.6	13.7	10.0	11.0	10.0	10.3	62	78	72	71
4	17.9	19.4	16.8	18.0	14.3	15.7	13.9	10.0	11.0	10.2	10.4	65	65	72	67
5	14.4	15.3	13.8	14.4	13.3	14.1	13.4	10.7	11.2	11.0	11.0	87	87	94	89
6	13.4	16.0	14.2	14.5	12.7	14.0	12.5	10.5	10.7	9.8	10.3	91	79	81	84
7	10.0	11.4	13.9	11.8	9.2	9.8	11.3	8.3	8.1	8.4	8.3	90	81	72	81
8	10.2	13.0	11.0	11.4	8.7	10.8	9.0	7.5	8.5	7.5	7.8	82	76	76	78
9	12.2	14.9	12.2	13.1	9.7	11.1	14.7	7.6	7.9	7.1	7.5	72	62	67	67
10	12.9	14.6	13.0	13.5	10.6	12.5	10.6	8.2	9.5	8.2	8.6	73	77	73	74
11	14.7	16.6	14.7	15.3	11.6	13.1	12.2	8.4	9.2	9.2	8.9	67	66	73	69
12	16.4	18.2	14.9	16.5	11.7	13.9	12.2	7.8	9.4	8.8	8.7	56	60	70	62
13	16.9	18.2	16.9	17.3	12.1	13.9	13.6	8.0	9.4	9.7	9.0	56	60	68	61
14	18.7	20.2	17.8	18.9	12.5	15.4	13.9	7.8	10.3	9.5	9.2	48	58	63	56
15	21.0	20.6	17.3	19.6	13.8	17.1	14.1	7.8	12.2	10.1	10.0	44	65	69	59
16	17.3	17.9	16.0	17.1	13.1	13.2	11.4	9.5	8.8	7.7	8.7	65	57	57	60
17	17.3	19.6	17.3	18.1	12.7	13.1	12.4	8.5	7.7	8.2	8.1	59	46	56	54
18	14.9	13.8	15.7	14.8	13.3	11.9	12.1	10.4	9.3	8.5	9.4	82	79	64	75
19	16.2	16.7	13.1	15.3	12.3	12.7	10.9	8.5	8.7	8.5	8.6	62	61	76	66
20	15.8	17.8	15.6	16.4	11.1	12.6	12.6	7.5	8.1	9.1	8.2	56	52	69	59
21	11.9	14.6	12.8	13.1	11.3	13.1	11.4	9.6	10.9	9.2	9.9	92	87	85	88
22	14.9	14.1	13.8	14.3	12.5	13.4	12.1	9.4	11.1	9.5	10.0	75	92	81	83
23	14.7	15.8	13.0	14.5	11.8	12.7	10.7	8.8	9.2	8.4	8.8	70	68	75	71
24	15.6	17.4	17.2	16.7	11.7	12.7	12.7	8.2	8.4	8.5	8.4	62	57	58	59
25	16.6	18.6	16.6	17.3	13.2	15.7	12.7	9.4	11.5	8.8	9.9	67	72	64	68
26	18.3	19.3	16.7	18.1	16.7	16.0	14.7	13.0	11.5	11.1	11.9	83	69	79	77
27	16.8	18.3	16.9	17.3	13.6	16.3	13.3	9.8	12.4	9.3	10.5	68	80	65	71
28	17.8	17.8	16.2	17.3	14.6	15.4	13.5	10.4	11.5	10.0	10.6	68	75	73	72
29	15.8	16.8	15.3	16.0	12.7	12.8	12.7	9.1	8.8	9.5	9.1	68	62	73	68
30	17.3	19.1	19.2	18.5	13.6	15.6	15.1	9.5	11.0	10.3	10.3	65	68	64	66
31	16.7	18.2	16.4	17.1	14.9	15.7	15.3	10.8	10.9	12.0	11.2	77	72	88	79
	16.05	17.32	15.71	16.35	12.78	14.12	12.82	9.24	10.30	9.22	9.58	68.6	69.9	70.0	69.4

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction —0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

DECEMBER 1928
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	6ci	4ci	0	3.3	1se	1se	0	59.4	light	
2	8ci str.	10ni	10ni	9.3	0	3s	2s	57.9	,,	
3	3str.cu	10ni	1	4.7	4s	2se	0	351.4	slight	
4	8ni	3str.cu	1	4.0	4s	5s	2se	370.4	rough	
5	10ni	10ni	10ni	10.0	1e	3s	1se	355.6	slight	t.l.r.d. & ni.
6	10ni	8ni	4	7.3	4s	2s	1s	338.5	mod.	
7	10ni	10ni	10ni	10.0	1s	2s	8w	407.4	rough	t.l.r.d. & ni.
8	4str.cu	10ni	6str.ni	6.7	1se	2s	0	412.1	mod.	t.l.r.h.d&ni.
9	3ci.cu	4str.cu	0	2.3	1se	3	1nw	124.2	,,	
10	4str.cu	9ni	1	4.7	1s	0	1nw	187.5	light	
11	8str.cu	8str.cu	10 ni	8.7	1s	1s	0	112.5	,,	
12	1	1	0	0.7	0	1	0	90.4	calm	
13	0	0	1str.cu	0.3	0	1n	1ne	35.9	,,	
14	0	8ci.ni	1str.	3.0	0	0	0	66.5	,,	haze in a.m.
15	6str.ni	6str.cu	4str.cu	5.3	1s	3s	4s	276.2	mod.	tr. rain
16	3str.cu	8str.ni	2	4.3	4	6s	3s	559.1	v.rough	mi.d. day g.
17	1	2str.cu	4str.ni	2.3	2se	4s	3s	449.9	slight	
18	10ni	10ni	6str.cu	8.7	6s	4s	4w	665.9	v.rough	gale
19	4str.cu	6str cu	4str.cu	4.7	2s	1	0	170.9	mod.	
20	0	2	8ni.cu	3.3	0	3w	3s	99 8	calm	
21	8ni	6str.ni	10ni	8.0	0	2s	0	347.9	mod	
22	10ni	10ni	10ni	10.0	2s	0	0	218.2	,,	
23	8str.ci	6str.cu	4ci	6.0	1se	1nw	0	127.9	light	lunar halo
24	0	1ci.cu	1	0.7	0	2n	2n	244.6	,,	
25	6ci.cu	10ni	10ci.cu	8.7	0	1s	0	78.4	calm	lunar halo
26	10ni	10ni	10ni	10.0	0	0	1se	59.2	,,	tr. rain
27	10ni	10ni	8ci.ni	9.3	0	1e	0	33.5	,,	
28	8str.ni	8str.ni	2str.	6.0	3	2w	2n	182.1	mod.	
29	6ci.cu	8ci.ni	8ci.ni	7.3	0	0	0	183.4	light	tr. rain
30	10ni	3str.cu	3str.	5.3	2	4s	0	70.5	mod.	tr. of rain
31	10ni	6str. ni	6str.cu	7.3	4s	4s	2s	484.4	rough	
				5.88				232.70		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	1	5	11	3	0	0	11
2:30*	2	0	1	2	15	3	2	1	5
8.30	2	1	0	3	7	0	2	2	14
Totals	4	1	2	10	33	6	4	3	30

N B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw