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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

January 1911 - December 1912.

OBSERVER

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September 14, 1999

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during January **19** 11

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 65 **feet**

Height of Thermometers above the ground:-Max. 3 3/4 **feet, Min** 3 1/4 **feet**

Height of rim of Rain Gauge; above mean sea level 95 **feet, above the ground** 45 **feet**

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR ✓ Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	29.90	53	57	47	1.02	9.30	12.35	20	2	S	95%						cro	Cloudy and Rain
2	29.92	55	62	53	.30	9.60	12.55	22	6	"	97%						"	" " "
3	29.90	54	63	48	.63	10.23	12.80	24	7	"	95%						"	" " "
4	30.—	55	65	50				13	2	"	90%	2.27 AM	Tremor				b	Clear " Cool
5	30.25	57	64	52				17	3	"	87%						"	" " "
6	30.33	57.5	67	48				15	5	"	83%						"	" " "
7	30.25	54	63	47				17	2	"	85%						"	" " "
8	30.27	52	57	44				25	7	"	80%						"	" " "
9	30.25	49	54	41				30	8	E	73%						"	" " "
10	30.15	47	52	38				25	10	"	75%						"	" " "
11	29.83	47	50	43	.07	10.30		20	7	S	85%						cro	Cloudy " Rainy
12	29.70	52	54	48	.67	0.97		17	8	"	92%						cro	" " Rain
13	29.43	53	55	47	.15	11.12		17	0	"	95%						"	" " "
14	30.02	51	52	41	.27	11.39	13.05	17	3	"	90%						"	" " "
15	30.13	52	53	42			13.42	10	1	"	85%						b	Clear " Cool
16	30.23	47	50	35			13.52	35	2	N	78%						"	" " "
17	30.35	45	47	32				30	7	"	67%						"	" " "
18	30.30	46	45	35				13	2	"	65%						"	" " "
19	30.23	43	45	32				17	1	S	70%						"	" " "
20	30.—	[illegible]	40	30	.03	11.42		20	5	E	75%						cro	Cloudy " Rainy
21	30.17	[illegible]	50	37				20	2	N	70%						b	Clear " Cool
22	30.20	45	56	37				27	2	"	75%						"	" " "
23	30.23	45	47	30			14.05	18	1	"	70%						"	" " "
24	30.—	46	57	37	.38	11.80	14.53	8	0	S	75%						"	" " "
25	30.15	42	47	30			14.60	20	7	N	72%						cro	Cloudy " Rain
26	30.20	37	40	26.6			14.63	17	5	"	70%						b	Clear " Cool
27	30.—	41	42	32			14.95	13	3	S	75%						"	" " "
28	30.10	46	58	39			14.97	7	2	N	67%						"	" " "
29	30.08	41	50	32			14.98	10	3	"	70%						"	" " "
30	29.85	40	40	25				23	5	"	75%						—	Snow 4+ inches
31	30.15	37	37	23				17	3	"	67%						b	Clear and Cool
Totals	932.39	1477.5	1626	1203.6	3.52	11.80	14.98				2448							
Averages	30.07	47.6	52	38.8							79%							

SPECIAL REMARKS

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

	1911	Day	1910
Barometer Max.	30.35	17	30.55
" Min.	29.43	13	29.63
" Average	30.07	—	29.99
Thermometer Max.	67	6	68
" Min.	23	31	27
" Average	45.4	—	49.7
Rainfall in inches	3.52	—	4.33
" " (Highest daily)	1.02	1	1.70
No of Earthquakes Tremors etc.	1	—	14
Wind Velocity. Max.	35	16	37

Directions

N.	12
N. E.	
E.	3
S. E.	
S.	16
S. W.	
W.	
N. W.	

Prevailing Winds North & South

J. L. Caldwell B.A. C.E.

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during February **1911**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 65 **feet**

Height of Thermometers above the ground:-Max. 3¾ **feet, Min** 3¼ **feet**

Height of rim of Rain Gauge; above mean sea level 95 **feet, above the ground** 45 **feet**

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.30	35	35	23		11.80	14.98	25	9	N	70%						b	Clear and Cool
2	30.03	36	32	21			15.35	15	7	S	67%						"	" " "
3	30.04	35	29	12½			15.37	13	3	E	72%						—	Snow 2 + inches
4	30.17	35	32	25			15.57	13	5	"	75%						b	Clear and Cool
5	30.18	36	37	26			15.92	25	3	S	70%						"	" " "
6	29.94	41	42	32	.10	11.90		27	7	"	75%						cro	Cloudy " Rainy
7	29.95	45	60	37	.03	11.93	17.19	20	3	"	80%						"	" " "
8	29.87	40	58	28				32	3	N	85%						b	Clear " Cool
9	30.—	38	40	20				18	8	"	75%						"	" " "
10	29.75	37	35	21			17.21	35	10	"	70%						"	" " "
11	30.23	37	32	21			17.64	30	13	"	67%						"	" " "
12	30.37	38	45	25				15	2	"	65%						"	" " "
13	30.40	39	47	25			17.67	10	5.	E	70%						"	" " "
14	30.33	45	50	28			17.85	17	5	"	67%						"	" " "
15	30.30	47	52	35			18.52	20	5	"	65%						"	" " "
16	30.27	45	47	32			18.97	23	10	"	60%						"	" " "
17	30.25	44	45	30			19.03	25	10	N	63%						"	" " "
18	30.—	42	42	23			19.07	20	7	"	70%						"	" " "
19	30.03	42	40	28				10	3	E	67%						"	" " "
20	29.92	51	62	32				25	3	S	65%						"	" " "
21	30.—	56	65	50				27	5	"	70%						"	" " "
22	30.13	55	62	41	.42	12.35		35	13	W	75%						cro	Cloudy " Rain
23	30.30	50	52	35				17	5	N	78%						b	Clear " Cool
24	30.07	52	54	37				18	6	E	80%						"	" " "
25	29.95	54	63	41				15	3	S	72%						"	" " "
26	29.90	57	65	43	.12	12.47		23	8	"	80%						cro	Cloudy " Rainy
27	29.60	55	60	45	.03	12.50	19.17	7	3	"	85%						"	" " "
28	29.40	54	57	44	—			15	3	N	87%						b	Clear " Cool
29																		
30																		
31																		
Totals	841.68	1239	1340	860	.70	12.50	19.17				2025							
Averages	30.06	44.2	47.85	30.71							72%							

SPECIAL REMARKS

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.40	13	30.25
"	Min.	29.40	28	29.68
"	Average	30.06	—	29.98
Thermometer	Max.	65	21	72
"	Min.	12½	3	41
"	Average	39.28	—	54.5
Rainfall in inches		.70	—	4.19
" "	(Highest daily)	.42	22	1.27
No of Earthquakes		—	—	6
Tremors etc.				
Wind Velocity. Max.		35	10	28

Directions

N.	10
N. E.	
E.	8
S. E.	
S.	9
S. W.	
W.	
N. W.	

Prevailing Winds North & South

J. L. Caldwell Sup. E.E.

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER [illegible]

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METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during March 1911

Hour of Observation 8 A. M. — Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.

Height of cistern of Barometer above sea level 65 feet

Height of Thermometers above the ground:- Max. 3¾ feet, Min 3¼ feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	29.73	53	53	42	.15	12.65	19.17	25	10	N	75%						0 r o	Cloudy and Rain
2	30.13	50	50	35				35	13	"	70%						b	Clear " Cool
3	30.05	52	54	37			19.23	13	2	"	65%						"	" " "
4	29.80	52	55	38				3	0	"	72%						"	" " "
5	29.62	49	45	40	1.05	13.70		18	0	E	78%						0 r o	Cloudy " Rain
6	29.60	50	56	42	.05	13.75		20	7	"	82%						c r o	" " Rainy
7	29.70	51	57	41				23	3	"	85%						b	Clear " Cool
8	29.85	51.5	55	41				13	2	"	80%						"	" " "
9	30.07	50	57	38				25	5	N	75%	5.7 A.M	Tremor				"	" " "
10	30.08	52	58	37				17	5	"	70%						"	" " "
11	30.17	52	62	37				25	3	"	63%						"	" " "
12	30.—	51	57	38				20	10	"	60%						"	" " "
13	29.87	52	58	41				17	5	"	65%						"	" " "
14	29.95	50	53	38				10	3	"	62%						"	" " "
15	29.98	51.5	57	42				5	2	S	65%	2.15 P.M	—"—				"	" " "
16	29.97	50	67	45				13	3	"	67%						"	" " "
17	30.	59	68	50				30	10	"	70%						"	" " "
18	29.70	63	72	55	.15	13.90		23	5	"	75%						0 r o	Cloudy " Rain
19	30.07	55	57	39	.95	14.85	20.20	23	2	"	88%	10.37 P.M. / 11.25 —"—	—"— / —"—				"	" " "
20	30.08	54	58	37			20.23	12	2	W	80%						b	Clear " Cool
21	30.23	53	62	38			20.32	30	3	N	70%						"	" " "
22	30.23	54	63	40			20.35	17	5	"	65%						"	" " "
23	30.12	55	59	41			20.40	15	3	E	70%	2.5 A.M	—"—				"	" " "
24	29.93	57	57	45				8	1	N	75%						"	" " "
25	29.70	55	50	47	.20	15.05		15	5	E	85%						0 r o	Cloudy " Rain
26	29.90	56	59	45	.02	15.07	20.90	17	6	W	82%						c r o	" " Rainy
27	30.12	56	60	46				10	3	"	78%	9.15 A.M	—"—				b	Clear " Cool
28	30.23	57	63	47				25	5	N	73%						"	" " "
29	30.17	57	65	43			20.91	15	3	"	70%						"	" " "
30	30.15	57	62	47				13	5	W	67%						"	" " "
31	30.17	60	68	50			20.93	15	2	"	65%						"	" " "
Totals	929.42	1671	1817	1302	2.57	15.07	20.93				2247							
Averages	29.98	53.90	58.61	42							72.5%							

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.28	21	30.43
"	Min.	29.60	6	29.39
"	Average	29.98	—	30.01
Thermometer	Max.	72	18	70
"	Min.	35	2	33
"	Average	50.30	—	51.7
Rainfall in inches		2.57	—	1.76
" "	(Highest daily)	1.05	5	.97
No of Earthquakes Tremors etc.		6	—	3
Wind Velocity. Max.		35	2	34

Directions

N.	15
N. E.	
E.	6
S. E.	
S.	5
S. W.	
W.	5
N. W.	

Prevailing Winds North

SPECIAL REMARKS

S. L. Caldwell B.S. C.E.

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER H. Edwards

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METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during April **1911**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 65 feet

Height of Thermometers above the ground:-Max. 3¾ feet, Min 3¼ feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.08	60	65	45		15.07	20.93	13	3	S	72%						b	clear and cool
2	29.98	59	67	45				15	3	"	65%						"	" " "
3	29.95	61	67	50			20.95	15	2	"	67%	5.7 A.M.	Tremor				"	" " "
4	29.67	63	75	60				35	5	"	72%						"	" " "
5	29.85	64	70	57				37	15	"	75%						"	" " "
6	29.78	65	75	57	.15	15.22	20.95	30	10	"	80%						cro	cloudy " Rainy
7	29.90	67	77	55				20	7	"	70%						b	clear " cool
8	29.95	65	72	52				10	3	"	65%						"	" " "
9	29.73	67	77	60	.01	15.23		30	7	"	70%						cro	cloudy " Rainy
10	29.80	64	68	56	.01	15.24		21	9	"	72%						"	" " "
11	29.85	62	67	55			21.17	20	10	"	75%						b	clear " cool
12	29.72	63	70	54	.13	15.37	21.22	7	3	"	80%	4.53 A.M.	Shock.				cro	cloudy " Rainy
13	29.75	58	58	43			21.24	23	10	N	83%						b	clear " cool
14	29.80	57	60	41				20	9	S	85%						"	" " "
15	29.64	59	65	48	.33	15.70		13	3	"	87%						cro	cloudy " Rain
16	29.55	54	54	47	.50	16.20		35	5	N	85%						"	" " "
17	30.23	53	57	47				30	7	"	80%						b	clear " cool
18	30.22	57	70	48			21.26	5	3	"	75%						"	" " "
19	30.02	60	70	54			21.56	20	7	"	72%						"	" " "
20	29.87	62	75	53			21.73	25	7	"	75%						"	" " "
21	30.—	60	62	50			21.78	27	10	"	78%						"	" " "
22	30.20	58	52	52				13	2	"	85%						"	" " "
23	30.15	62	68	55	.03	16.23		20	5	"	87%						cro	cloudy " Rainy
24	29.95	63	67	57	.20	16.43		17	6	"	92%						cro	" " Rain
25	29.82	64	70	57	.50	16.93		13	3	S	95%						"	" " "
26	29.85	62	65	54	.22	17.15		12	2	"	90%						"	" " "
27	29.94	61	63	50				17	5	"	87%						b	clear " cool
28	29.94	62	67	54				17	7	"	85%						"	" " "
29	29.75	65	75	59				27	6	"	85%						"	" " "
30	30.—	64	67	52	.10	17.25		28	7	"	80%	10.35 P.M.	Shock				cro	cloudy " Rainy
31																		
Totals	897.24	1841	2055	1567	2.18	17.25	21.78				2369							
Averages	29.91	61.36	68.5	52.23							79%							

SPECIAL REMARKS

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.23	17	30.23
"	Min.	29.64	15	29.65
"	Average	29.91	—	29.66
Thermometer	Max.	77	7	84
"	Min.	41	14	45
"	Average	60.36	—	62.5
Rainfall in inches		2.18	—	.85
" " (Highest daily)		.50	16	.30
No of Earthquakes Tremors etc.		3	—	—
Wind Velocity. Max.		37	5	30

Directions

N.	10
N. E.	
E.	
S. E.	
S.	20
S. W.	
W.	
N. W.	

Prevailing Winds South

S. L. Caldwell B.Sc. E.E.

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER [illegible]

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JUN 22 1911
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during May 1911

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 65 feet

Height of Thermometers above the ground:- Max. 3¾ feet, Min 3¼ feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.12	65	72	55		17.25	21.78	13	3	S	85%						b	clear and cool
2	30.13	65.5	75	57				17	3	"	80%						"	" " "
3	29.95	68	74	59			21.79	9	3	"	73%						"	" " "
4	29.97	67	81	55			22.21	13	2	"	70%						"	" " "
5	29.96	65	77	57			22.45	17	5	"	67%						"	" " "
6	30.05	64.5	73	58			22.50	25	8	"	65%						"	" " "
7	30.05	65	75	60			22.55	17	7	"	62%						"	" " "
8	30.02	67	75	55			22.67	20	5	"	65%						"	" " "
9	30.04	65	72	57			23.04	18	7	N	67%	3.50 a.m.	Tremor				"	" " "
10	30.01	67	77	58			23.07	20	7	"	70%						"	" " "
11	29.94	67	70	55				22	8	W	75%						"	" " "
12	29.93	66	72	55				13	5	"	72%	2.7 a.m.	---				"	" " "
13	29.92	68	73	57			23.35	20	5	"	75%	5.30 "	---				"	" " "
14	29.90	69	75	57			23.52	23	5	"	75%						"	" " "
15	29.85	71	80	65			23.65	20	7	"	70%						"	" " "
16	29.67	72	75	68	.02	17.27	23.87	20	3	N	75%						cro	cloudy " Rainy
17	29.85	72	78	61	.03	17.30		25	8	S	78%						"	" " "
18	29.95	71	77	58				23	7	"	73%	9.37 P.M.	---				b	clear " cool
19	29.82	70	85	67				25	3	"	65%						"	" " "
20	29.82	71	77	62	.02	17.32		23	7	"	72%						cro	cloudy " Rainy
21	29.92	70	78	67				27	5	"	68%						b	clear " cool
22	29.87	71	79	66			24.07	23	8	"	65%						"	" " "
23	29.85	68	80	57				20	5	"	67%						"	" " "
24	29.78	69	80	60				21	8	"	65%						"	" " "
25	29.66	65	70	55	.01	17.33	24.12	31	10	W	78%						cro	cloudy " Rainy
26	29.73	65	70	57			24.24	27	7	"	80%						b	clear " cool
27	29.82	64	68	52			24.25	17	3	"	70%						"	" " "
28	29.95	66	70	60				17	7	"	65%						"	" " "
29	29.95	69	75	64				15	3	"	67%						"	" " "
30	29.95	70	80	60				23	10	N	70%						"	" " "
31	29.93	68	75	63			24.30	20	6	S	75%						"	" " "
Totals	927.30	2106	2351	1911	.08	17.33	24.30				2204							
Averages	29.91	67.93	75.84	61.64							71.10%							

SPECIAL REMARKS

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.13	2	30.03
"	Min.	29.60	25	29.64
"	Average	29.91	–	29.81
Thermometer	Max.	85	19	87
"	Min.	52	27	53
"	Average	68.74	–	69
Rainfall in inches		.08	–	2.52
" (Highest daily)		.03	17	.42
No of Earthquakes Tremors etc.		4	–	3
Wind Velocity. Max.		31	25	45

Directions	
N.	4
N. E.	
E.	
S. E.	
S.	17
S. W.	
W.	10
N. W.	

Prevailing Winds Southe

J. L. Caldwell B.A., E.E.

SECRETARY

June

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER [illegible]

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METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during June **1911**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 65 feet

Height of Thermometers above the ground:-Max. 3 3/4 feet, Min 3 1/4 feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.07	72	82	64		17.33	24.50	17	5	S	75%						b	Clear and Hot
2	30.07	75	85	70				20	5	"	65%						"	" " "
3	30.15	72	80	63	.12	17.45		18	7	E	67%						ore	Cloudy " Rain
4	30.20	67	80	60				23	10	"	62%						b	Clear " Hot
5	30.18	71	82	61				27	8	"	65%						"	" " "
6	30.10	73	80	64				15	3	W	70%						"	" " "
7	30.05	71	82	62				23	8	"	63%						"	" " "
8	30.03	72	81	64				15	7	"	60%						"	" " "
9	30.—	71	83	62				20	5	"	65%						"	" " "
10	30.—	74	85	68				18	5	S	67%						"	" " "
11	30.07	76	89	65				21	10	"	65%	5.8 A.M.	Tremor				"	" " "
12	30.—	76.5	90	68				20	8	"	60%						"	" " "
13	29.95	79	94	70				15	5	"	57%						"	" " "
14	30.—	76	87	67				15	3	"	62%						"	" " "
15	29.97	76.5	85	68				25	10	"	67%						"	" " "
16	29.95	78	88	68				18	7	"	60%						"	" " "
17	30.12	70	84	65				25	8	"	57%						"	" " "
18	30.13	69	82	64				17	5	N	55%						"	" " "
19	30.12	71	85	67				20	10	"	52%						"	" " "
20	30.07	75	87	68				23	4	W	58%						"	" " "
21	30.—	80	98	76			24.75	17	7	"	65%						"	" " "
22	29.92	79	90	70				18	8	"	67%						"	" " "
23	29.97	79.5	90	72				17	5	N	62%						"	" " "
24	29.98	80	88	70				20	5	"	65%						"	" " "
25	30.10	79	85	72				17	5	S	58%						"	" " "
26	30.07	80	94	73				23	5	"	53%						"	" " "
27	30.05	80	94	73				23	6	E	57%						"	" " "
28	30.05	81	101	75				13	3	"	62%						"	" " "
29	29.90	83	97	75				8	3	S	65%						"	" " "
30	29.92	87	92	68				25	6	"	70%						"	" " "
31																		
Totals	901.19	2273.5	2620	2052	.12	17.45	24.75				1876							
Averages	30.04	75.78	87.33	68.4							62%							

SPECIAL REMARKS

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

	1911	Day	1910
Barometer Max.	30.20	4	30.17
" Min.	29.90	29	29.78
" Average	30.04	—	29.93
Thermometer Max.	101	28	97.5
" Min.	60	4	63
" Average	77.86	—	76.4
Rainfall in inches	.12	—	.45
" " (Highest daily)	.12	3	.25
No of Earthquakes	1	—	5
Tremors etc.	27	5	35
Wind Velocity. Max.			

Directions

N.	4
N. E.	
E.	5
S. E.	
S.	14
S. W.	
W.	7
N. W.	

Prevailing Winds South

Wm. R. Leadbeater, M. A.

SECRETARY

July

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

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METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during July **1911**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 63 **feet**

Height of Thermometers above the ground:-Max. 3 3/4 **feet, Min** 3 1/4 **feet**

Height of rim of Rain Gauge; above mean sea level 95 **feet, above the ground** 45 **feet**

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	29.93	82	85	62		17.45		20	9	W	75%						b	clear and Hot
2	30.–	80	83	68				17	5	"	70%						"	" " "
3	30.12	77	85	67				15	5	"	67%						"	" " "
4	30.12	78	83	68				17	5	E	65%						"	" " "
5	29.98	89	87	75				25	10	"	70%						"	" " "
6	29.90	81	95	73				32	12	"	75%						"	" " "
7	30.–	82	91	70			.02	30	13	"	63%						"	" " "
8	30.08	79	88	70				25	7	"	57%						"	" " "
9	30.08	78	90	72				23	9	"	53%						"	" " "
10	29.95	78.5	92	70				21	7	"	58%						"	" " "
11	30.–	80	92	75				13	5	N	52%						"	" " "
12	30.03	81	95	73				27	7	"	47%						"	" " "
13	30.07	79	97	72				13	3	"	45%						"	" " "
14	30.05	80	96	73				20	5	W	50%						"	" " "
15	29.93	77	55	70			.03	13	3	"	45%	10.25 P.M.	Tremor				"	" " "
16	29.83	78	90	70				13	5	"	52%	7.10 "	" "				"	" " "
17	29.80	77.5	85	72				17	7	"	65%						"	" " "
18	29.97	78	93	73				20	5	"	68%	12.57 P.M.	" "				"	" " "
19	30.07	80	94	75				12	3	"	54%	1.12 A.M.	" "				"	" " "
20	30.05	82	95	74				25	5	N	57%						"	" " "
21	30.–	83	94	75				27	8	"	50%						"	" " "
22	30.02	84	97	75				30	8	"	55%						"	" " "
23	30.05	85	97	78				27	10	"	45%						"	" " "
24	30.10	84	98	75				25	7	"	40%						"	" " "
25	30.05	80	95	72				25	7	E	42%						"	" " "
26	29.95	82	90	73				17	5	"	50%						"	" " "
27	29.90	84	92	77				13	5	N	57%						"	" " "
28	30.–	85	99	78				25	7	"	62%						"	" " "
29	30.02	86	97	77				23	8	"	65%						"	" " "
30	29.93	85	92	72				20	5	"	67%						"	" " "
31	29.95	82	90	70				18	5	"	70%						"	" " "
Totals	929.92	2507	2812	2244		1745	.05				1791							
Averages	29.99	80.87	90.71	72.38							57%							

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.12	3	30.07
"	Min.	29.90	6	29.72
"	Average	29.99	–	29.89
Thermometer	Max.	99	28	97
"	Min.	62	1	67
"	Average	81.57	–	81
Rainfall in inches		–	–	.05
" "	(Highest daily)	–	–	.03
No of Earthquakes Tremors etc.		4	–	2
Wind Velocity. Max.		32	6	30

Directions

N.	13
N. E.	
E.	8
S. E.	
S.	
S. W.	
W.	10
N. W.	

Prevailing Winds North West

SPECIAL REMARKS

Wm. R. Leadbeater, M. A.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

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METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during August **1911**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 65 feet

Height of Thermometers above the ground:-Max. 3 3/4 feet, Min 3/4 feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.05	78	87	68		17.45	.05	18	5	S	75%						b	Clear and Hot
2	30.03	79	85	72				20	5	"	80%						"	" " "
3	29.95	78	89	73				20	7	"	83%						"	" " "
4	29.85	80	92	72				23	7	"	85%						"	" " "
5	30.—	80.5	92	73				20	8	N	78%						"	" " "
6	30.05	78	87	72				17	6	"	75%						"	" " "
7	30.07	82	93	75				18	5	"	70%						"	" " "
8	30.—	82	97	75				21	7	S	62%						"	" " "
9	29.93	81	95	74				23	10	"	57%						"	" " "
10	29.85	82	93	73				19	5	N	60%						"	" " "
11	29.85	78	90	72				20	7	"	67%						"	" " "
12	29.95	79	87	72				19	6	"	63%	4.35 A.M.	Shock				"	" " "
13	30.—	80	89	75				23	8	"	65%						"	" " "
14	29.94	82	97	77				20	7	"	54%	3.12 A.M.	Tremor				"	" " "
15	29.85	82.5	92	72				21	4	W	58%						"	" " "
16	29.85	80	90	70				22	8	"	62%						"	" " "
17	29.92	78	92	70				18	3	"	65%						"	" " "
18	29.93	79	95	74				13	5	E	57%						"	" " "
19	29.95	81	90	70				23	7	"	50%						"	" " "
20	29.93	76	92	72				17	5	N	55%						"	" " "
21	29.92	78	93	70				18	3	"	62%						"	" " "
22	29.93	78.5	90	71				17	6	W	65%						"	" " "
23	29.90	81	95	75				20	5	"	58%						"	" " "
24	29.95	83	98	75				17	3	S	47%	2.25 A.M.	Tremor				"	" " "
25	30.—	86	100	82				19	5	N	35%						"	" " "
26	29.98	87	107	83				20	7	W	30%						"	" " "
27	29.96	82	105	75				13	5	"	45%						"	" " "
28	29.90	83	97	82				17	5	E	52%	1.37 A.M.	— " —				"	" " "
29	29.88	82	102	79				25	6	"	57%						"	" " "
30	29.90	82.5	98	77				25	7	N	50%						"	" " "
31	29.90	78	87	73				19	8	"	65%						"	" " "
Totals	928.19	2656	2896	2293		17.45	.05				1887							
Averages	29.94	85.68	93.42	73.97							61%							

SPECIAL REMARKS

Wm. R. Leadbeater, M. A.

SECRETARY

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.07	7	30.15
"	Min.	29.85	4	29.75
"	Average	29.94	—	29.94
Thermometer	Max.	107	26	102
"	Min.	68	1	70
"	Average	83.69	—	83.5
Rainfall in inches		—	—	—
" "	(Highest daily)	—	—	—
No of Earthquakes Tremors etc.		4	—	11
Wind Velocity. Max.		25	29	25

Directions

N.	13
N. E.	
E.	4
S. E.	
S.	7
S. W.	
W.	7
N. W.	

Prevailing Winds North

1911. Sept.

METEOROLOGICAL OBSERVATIONS

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METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during September 1911

Hour of Observation 8 A. M.

Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.

Height of cistern of Barometer above sea level 65 feet

Height of Thermometers above the ground:-Max. 3¾ feet, Min 3¾ feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.03	77	88	73	.05	17.50	.05	23	9	E	75%						cro	Cloudy and Rainy
2	30.17	80	95	75				20	7	"	63%						b	Clear " Hot
3	30.13	82	93	73				30	7	"	65%						"	" " "
4	30.—	80	92	72				27	10	"	70%						"	" " "
5	29.93	80.5	97	73				18	7	"	60%						"	" " "
6	29.97	77	95	73				15	3	"	52%						"	" " "
7	30.05	73	93	70				13	3	S	57%						"	" " "
8	30.15	78	90	70				15	7	"	50%						"	" " "
9	30.15	75	97	68				23	10	E	45%						"	" " "
10	30.—	73	90	67				13	2	"	53%						"	" " "
11	29.95	73.5	87	65				8	2	"	50%						"	" " "
12	30.12	76	85	67				15	3	N	45%						"	" " "
13	30.22	75	85	65				23	5	"	52%						"	" " "
14	30.15	73	86	66				18	7	"	55%						"	" " "
15	30.05	73	90	65				14	5	"	58%						"	" " "
16	30.13	74	80	63				10	3	"	62%						"	" " "
17	30.12	73	83	67				13	2	S	67%						"	" " "
18	29.95	76	93	70				17	3	"	50%						"	" " "
19	29.85	79	94	75				15	6	"	57%						"	" " "
20	29.93	76	87	70				15	5	"	65%						"	" " "
21	30.03	75	83	65	.01	17.51		13	3	"	70%						cro	Cloudy " Rainy
22	30.07	74	80	61				15	2	"	75%						b	Clear " Hot
23	30.05	72	85	65				10	3	N	70%						"	" " "
24	30.—	75	87	65				13	2	"	67%						"	" " "
25	29.90	76	90	67				7	3	S	57%						"	" " "
26	29.92	75	87	65				8	2	"	62%						"	" " "
27	30.05	75.5	85	70				13	3	"	75%						"	" " "
28	30.05	76	87	70	.12	17.63		17	2	"	70%						cro	Cloudy " Rainy
29	30.—	74	82	65	.05	17.68		13	2	"	75%						"	" " "
30	30.—	72	78	62				10	2	E	67%						b	Clear " Hot
31																		
Totals	901.12	2268.5	2644	2042	.23	17.68	.05				1839							
Averages	30.04	75.61	88.13	68.07							61.3%							

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer –Robinson principle

do —Dines or Lander principle

Hygrometer

Seismoscope

Seismograph. Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.22	13	30.33
"	Min.	29.85	19	29.85
"	Average	30.04	—	30.01
Thermometer	Max.	97	5	95
"	Min.	61	22	57
"	Average	78.10	—	76.7
Rainfall in inches		.23	—	—
" "	(Highest daily)	.12	28	—
No of Earthquakes Tremors etc.		—	—	1
Wind Velocity. Max.		30	3	27

Directions	
N.	7
N. E.	
E.	10
S. E.	
S.	13
S. W.	
W.	
N. W.	

Prevailing Winds South & East.

SPECIAL REMARKS

Wm. R. Leadbeater, M. A.

SECRETARY

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

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METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during October **1911**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 19″ N.**

Height of cistern of Barometer above sea level 65 **feet**

Height of Thermometers above the ground:-Max. 3 3/4 **feet, Min** 3 3/4 **feet**

Height of rim of Rain Gauge; above mean sea level 95 **feet, above the ground** 45 **feet**

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.03	72	80	60		17.68		13	2	W	70%						b	Clear and Hot
2	30.10	73.5	83	62				7	3	"	65%						"	" " "
3	30.15	72	87	63				13	2	S	67%						"	" " "
4	30.17	73	90	65				7	2	"	60%						"	" " "
5	30.20	72.5	83	63				8	3	W	57%						"	" " "
6	30.17	74	82	67				13	3	N	65%						"	" " "
7	30.23	74	83	65				15	3	"	70%						"	" " "
8	30.25	73	80	67				14	5	S	75%	3.7 A.M.	Tremor				"	" " "
9	30.17	74	85	65				10	4	"	67%						"	" " "
10	30.12	72.5	85	62				11	5	W	60%	11.35 P.M.	— " —				"	" " "
11	30.—	76	93	73				15	3	S	57%						"	" " "
12	30.12	70	78	57				23	10	N	50%						"	" " "
13	30.13	68	77	59				20	7	"	55%						"	" " "
14	30.08	70	75	60				10	2	W	62%	6.16 A.M.	Slight Shock				"	" " "
15	30.07	71	75	62	.05	17.73		7	2	"	67%						cr	Cloudy and Rainy
16	30.15	70	73	63	.07	17.80		25	2	N	72%						"	" " "
17	30.17	65	72	52				27	13	"	57%						b	Clear " Cool
18	30.30	62	70	50				25	7	"	50%						"	" " "
19	30.20	60	67	48				20	9	"	53%						"	" " "
20	30.07	61	70	50				17	7	"	47%						"	" " "
21	30.—	63	73	58				14	3	"	50%						"	" " "
22	30.13	64	72	50				10	2	S	57%						"	" " "
23	30.23	65	70	50				10	2	"	62%						"	" " "
24	30.23	66	74	55				7	0	"	65%						"	" " "
25	30.08	66	75	52				7	2	W	57%						"	" " "
26	30.—	64	75	50				10	2	"	62%						"	" " "
27	30.—	65	74	52				7	1	"	67%	11.27 A.M.	Tremor				"	" " "
28	30.03	66	77	58				10	0	S	70%						"	" " "
29	30.15	68	82	61				7	0	"	75%						"	" " "
30	30.20	68	75	55				10	1	W	70%						"	" " "
31	30.20	67	75	57				7	3	S	75%						"	" " "
Totals	934.13	2125.5	2410	1811	.12	17.80												
Averages	30.13	68.56	77.74	58.42														

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer – Robinson principle

do – Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

	1911	Day	1910
Barometer Max.			
" Min.			
" Average			
Thermometer Max.			
" Min.			
" Average			
Rainfall in inches			
" " (Highest daily)			
No of Earthquakes Tremors etc.			
Wind Velocity. Max.			
Directions N.		10	
N. E.			
E.			
S. E.			
S.		11	
S. W.			
W.		10	
N. W.			
Prevailing Winds		South	

SPECIAL REMARKS

Wm. R. Leadbeater, M. A.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
JAN 4 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during November **1911**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 65 feet

Height of Thermometers above the ground:-Max. 3¾ feet, Min 3¼ feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per. Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.10	68	81	59		17.80	.32	25	2	N	70%						b	clear and cool
2	30.—	77.5	76	57				22	3	"	62%						"	" " "
3	30.10	65	70	53				10	2	"	65%						"	" " "
4	30.13	65	68	58			.37	7	1	W	70%						"	" " "
5	30.13	63	67	55	.05	17.85		5	0	N	75%	3.17 A.M.	Tremor				cr	cloudy " Rainy
6	30.10	63.5	75	52				10	4	"	80%						b	clear " cool
7	30.05	63	68	48				5	1	W	85%						"	" " "
8	30.07	62	69	52			1.42	7	2	"	72%						"	" " "
9	30.10	62.5	70	50				13	2	"	75%						"	" " "
10	30.15	63	68	52				15	3	E	67%						"	" " "
11	30.17	62	72	52				10	3	"	60%						"	" " "
12	30.20	60	70	45			2.10	13	5	W	57%						"	" " "
13	30.17	59	67	47			2.30	5	1	"	62%						"	" " "
14	30.10	60	72	50				7	0	S	67%						"	" " "
15	30.13	62	72	57				10	1	E	60%						"	" " "
16	30.07	60.5	71	52				7	2	S	57%						"	" " "
17	29.90	62	72	54			2.32	10	2	"	65%						"	" " "
18	29.82	66	80	57	.02	17.87	3.17	27	10	"	70%						cr	cloudy " Rainy
19	29.85	65	65	57	.10	17.97		13	3	"	78%						"	" " "
20	29.83	65	72	59	.01	17.98	3.30	18	5	"	85%	10.20 A.M.	Tremor				"	" " "
21	30.—	65.5	71	55			3.87	17	10	"	80%						b	clear " Cool
22	30.14	63	75	57				13	4	"	75%						"	" " "
23	30.20	63.5	73	57			4.23	10	5	"	78%	6.27 P.M.	—"—				"	" " "
24	30.20	65	75	55			5.18	13	5	"	85%						"	" " "
25	30.13	63	75	54				13	1	"	80%						"	" " "
26	30.07	65	72	52				23	9	"	75%	11.27 P.M.	—"—				"	" " "
27	30.10	63	73	54	.75	18.73		25	10	"	82%						cr	cloudy " Rain
28	30.33	62	67	50			5.23	15	0	N	75%	11.15 P.M.	—"—				b	clear " cool
29	30.35	58	65	48			5.25	25	7	"	70%						"	" " "
30	30.27	57	63	47				25	10	"	75%						"	" " "
31																		
Totals	902.96	1899.0	2134	1595	.93	18.73	5.25				2157							
Averages	30.10	63.3	71.13	53.17							72%							

SPECIAL REMARKS

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer—Robinson principle

do —Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.35	29	30.30
"	Min.	29.82	18	29.67
"	Average	30.10	—	30.02
Thermometer	Max.	81	1	82
"	Min.	45	12	37
"	Average	62.15	—	59
Rainfall in inches		.93	—	4.93
" "	(Highest daily)	.75	27	1.05
No of Earthquakes Tremors etc.		5	—	3
Wind Velocity. Max.		27	18	35

Directions

N.	8
N. E.	
E.	3
S. E.	
S.	13
S. W.	
W.	6
N. W.	

Prevailing Winds South

Wm. R. Leadbeater, M. A.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
JAN 27 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during December **19** 11

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 10″ N.**

Height of cistern of Barometer above sea level 63 feet

Height of Thermometers above the ground:-Max. 3¾ feet, Min 3¼ feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 45 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	(From July 1st) RAINFALL IN INCHES Per Day	Total to Date	Last Year to same date	WIND VELOCITY IN MILES PER HOUR Max.	Average 11-12 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	30.25	53	63	45		18.73	5.25	15	5	No	70%						b	clear and cool
2	30.17	55	58	48				7	3	"	67%						"	" " "
3	30.03	55	62	50			5.65	5	0	"	70%						"	" " "
4	30.08	55.5	65	48	.02	18.75	5.72	7	0	"	75%						cro	Cloudy " Rainy
5	30.15	56	60	48				20	4	E	80%						b	Clear " Cool
6	30.23	55	58	47				17	7	"	75%						"	" " "
7	30.25	56	65	47				13	3	"	70%						"	" " "
8	30.20	56	65	46				17	3	"	65%						"	" " "
9	30.21	53	60	41				23	7	"	60%						"	" " "
10	30.10	54.5	60	50				10	3	S	65%						"	" " "
11	29.90	55	55	48	.37	19.12		8	0	"	75%						cro	Cloudy " Rain
12	29.93	55	54	41	.45	19.57		9	0	"	85%						"	" " "
13	30.05	54	62	45				8	2	"	80%	4.30 A.M.	Tremor				b	Clear " Cool
14	30.17	53	55	43	.10	19.67		—	0	"	85%						cro	Cloudy " Rainy
15	30.23	54	61	45				10	3	E	90%						b	Clear " Cool
16	30.20	53.5	58	41				10	3	"	87%						"	" " "
17	30.25	53	63	43			5.87	—	0	"	80%						"	" " "
18	30.20	53	58	48			5.92	10	0	"	75%						"	" " "
19	30.07	54	59	47	.13	19.80		7	3	"	80%						cro	Cloudy " Rainy
20	30.05	53	52	48				27	0	"	75%						b	Clear " Cool
21	30.07	53.5	59	43				27	7	"	70%	12.40 A.M.	Tremor				"	" " "
22	29.87	53	57	42			6.90	18	0	S	75%						"	" " "
23	29.47	66	60	45	.65	20.45	7.20	23	5	"	87%						cro	Cloudy " Rain
24	29.57	54	62	47	.50	20.95	7.45	8	0	E	90%						"	" " "
25	29.70	57	54	45	.03	20.98	7.75	18	7	W	95%						cro	" " Rainy
26	29.86	50	50	40	.67	21.65		17	7	N	90%						cro	" " Rain
27	29.57	51	53	43	.45	22.10	7.78	10	4	E	95%						"	" " "
28	29.77	52	50	39			7.98	5	0	S	95%						b	Clear " Cool
29	29.37	52.5	50	47	.57	22.67	8.08	15	2	"	97%						cro	Cloudy " Rain
30	29.73	50.	50	41	.20	22.87		27	5	N	90%						"	" " "
31	29.97	47	50	38			8.28	15	5	"	85%						b	Clear " Cool
Totals	929.66	1666.5	1788	1389	4.14	22.87	8.28				2478							
Averages	29.99	53.7	57.7	45.8							79.93%							

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer –Robinson principle

do –Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		1911	Day	1910
Barometer	Max.	30.25	1	30.30
"	Min.	29.37	29	29.72
"	Average	29.99	—	30.08
Thermometer	Max.	65	4	72
"	Min.	38	31	37
"	Average	51.75	—	54
Rainfall in inches		4.14	—	3.03
" "	(Highest daily)	.67	26	.98
No of Earthquakes Tremors etc.		2	—	1
Wind Velocity. Max.		27	20	23

Directions

N.	7
N. E.	
E.	14
S. E.	
S.	9
S. W.	
W.	1
N. W.	

Prevailing Winds East.

SPECIAL REMARKS

W. R. Bradbater M. A.

SECRETARY

per H.E.