1912 Jan - June

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

QC
990
.T9
M4
1912

OBSERVER H. Tchoukhajian

LIBRARY
FEB 29 1912
Weather Bureau

LIBRARY
APR 2000
National Oceanic &
Atmospheric Administration
U.S. Dept. of Commerce

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

ERRATA NOTICE

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

Discolored pages
Faded or light ink
Binding intrudes into the text

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

Information Manufacturing Corporation
Imaging Subcontractor
Rocket Center, West Virginia
September 14, 1999

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during January **19** 12

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	46	48	36		22.87	9.30	17	6	N	85%	12.29 P.M.	Tremor				b	clear and cool
2	29.75	45	43	35	.10	22.97	9.60	23	8	"	80%						cro	cloudy " Rainy
3	29.95	45	42	35			10.23	20	5	E	75%	8.45 A.M.	--				b	clear " cool
4	29.77	43	47	28				13	3	"	70%						"	" " "
5	29.95	43.5	43	30				9	2	"	67%						"	" " "
6	30.03	44	45	37				9	2	"	65%						"	" " "
7	29.75	52	57	54	.06	23.03		25	12	S	70%						cro	cloudy " Rainy
8	29.47	57	62	57	.27	23.30		27	6	"	75%						cro	Barometer 29.32 at 10 P.M.
9	29.60	53	61	32	.50	23.80		40	6	N	70%						"	cloudy and Rain
10	30.20	45	57	31				44	19	"	67%						b	clear " cool
11	30.09	44	47	36			10.30	15	5	"	70%						"	" " "
12	30.20	45	45	37			10.97	27	2	"	65%						"	" " "
13	30.30	42	45	29			11.12	27	7	E	60%						"	" " "
14	30.17	38	38	28			11.39	17	7	"	57%						"	" " "
15	30.15	39	40	35				10	3	"	63%						"	" " "
16	30.10	43	42	38	1.70	25.50		7	0	"	70%						cro	cloudy " Rain
17	30.27	44	45	37				5	2	"	75%						b	clear " cool
18	30.25	45	47	37	.03	25.53		7	0	N	80%						cro	cloudy " Rainy
19	30.50	44	45	33				30	3	"	75%	3.20 P.M.	Tremor				b	clear " cool
20	30.35	42	42	33			11.42	27	13	"	67%						"	" " "
21	30.15	44	45	37				17	7	"	62%						"	" " "
22	30.15	43	40	36				9	3	"	65%						"	" " "
23	30.25	44	42	32				5	1	E	60%						"	" " "
24	30.30	47	55	34			11.80	0	0	W	57%						"	" " "
25	30.27	52	65	55				13	0	S	62%						"	" " "
26	30.20	56	62	54				17	5	"	65%						"	" " "
27	30.07	56	60	54				27	5	"	70%						"	" " "
28	29.92	58	67	55	.02	25.55		25	10	"	75%						cro	cloudy " Rainy
29	30.—	59	65	54	.25	25.80		18	2	"	85%						"	" " "
30	29.87	60	62	57	.17	25.97		20	5	"	90%						"	" " "
31	30.—	58	63	50				15	7	"	75%						b	clear " cool
Totals	931.93	1476.5	1567	1236	3.10	25.97	11.80				2172							
Averages	30.06	47.63	50.55	39.87							70%							

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

		1912	Day	1911
Barometer	Max.	30.50	19	30.35
"	Min.	29.32	8	29.43
"	Average	30.06	—	30.07
Thermometer	Max.	67	28	67
"	Min.	28	4	23
"	Average	45.21	—	45.4
Rainfall in inches		3.10	—	3.52
" "	(Highest daily)	1.70	16	1.02
No of Earthquakes Tremors etc.		3	—	1
Wind Velocity. Max.		44	10	35

Directions

N.	11
N. E.	
E.	10
S. E.	
S.	9
S. W.	
W.	1
N. W.	

Prevailing Winds North + East

SPECIAL REMARKS

SECRETARY

Fel

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
APR 4 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during February **1912**

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	% of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols.	REMARKS
1	29.60	56	60	47	.01	25.98	11.80	13	5	E	85%						cro	Cloudy and Rainy
2	29.77	54	55	45	.25	26.23		25	11	"	90%						"	" " "
3	29.82	57	63	55				7	2	"	85%	4.35 A.M.	Tremor				b	Clear " Cool
4	29.78	58	68	57				40	13	S	75%	10.13 "	--				"	" " "
5	29.95	61	70	55				35	17	"	70%	4.10 P.M. 7.17 "	-- --				"	" " "
6	30.07	61.5	72	57			11.90	35	16	"	65%						"	" " "
7	30.15	62	72	50			11.93	20	9	"	60%						"	" " "
8	30.10	59.5	67	47				0	0	"	63%						"	" " "
9	30.08	54	65	43				0	0	"	67%						"	" " "
10	30.07	58	70	52				13	0	"	65%						"	" " "
11	29.92	59	63	54				20	5	"	70%						"	" " "
12	29.90	61.5	70	55				17	5	"	75%						"	" " "
13	29.85	61	67	54	.02	26.25		18	7	W	67%	9.25 P.M.	--				cro	Cloudy " Rainy
14	29.90	58	65	47				10	4	"	60%	10.8 A.M.	--				b	Clear " Cool
15	29.46	56	57	48	.60	26.85		28	3	E	70%						cro	Cloudy " Rain
16	29.75	54	50	41	.15	27.00		18	7	"	75%						"	" " "
17	29.90	49	49	39				25	12	"	70%						b	Clear " Cool
18	30.05	46	45	35				35	13	"	65%						"	" " "
19	30.15	45	46	34				33	13	"	60%						"	" " "
20	30.10	46	50	37				10	0	W	55%						"	" " "
21	30.12	55	63	53				20	8	S	62%						"	" " "
22	30.08	57	67	50			12.35	20	7	"	67%						"	" " "
23	29.98	56.5	65	48	.08	27.08		22	5	"	75%						cro	Cloudy " Rainy
24	30.10	52	54	43				25	6	N	70%	4 P.M.	--				b	Clear " Cool
25	30.	53	57	45				15	3	W	75%						"	" " "
26	30. –	54.5	64	43			12.47	0	0	"	80%	10.32 A.M.	Shock				"	" " "
27	30.03	57	63	52			12.50	5	0	"	75%	10.39 3.53 P.M. 11.13	-- -- --				"	" " "
28	30.23	55	65	45				20	0	N	70%	6.54 A.M.	--				"	" " "
29	30.17	54	58	41				10	2	W	65%						"	" " "
30																		
31																		
Totals	869.06	1614.5	1780	1372	1.11	27.08	12.50					2031						
Averages	29.62	55.67	61.39	47.31								70%						

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

	1912	Day	1911
Barometer Max.	30.23	28	30.40
" Min.	29.46	15	29.40
" Average	29.62	–	30.06
Thermometer Max.	72	6	65
" Min.	34	19	12/5
" Average	54.35	–	39.28
Rainfall in inches	1.11	–	.70
" " (Highest daily)	.60	15	.42
No of Earthquakes	12	–	–
Tremors etc.			
Wind Velocity. Max.	40	4	35

Directions

N.	2
N. E.	
E.	8
S. E.	
S.	12
S. W.	
W.	7
N. W.	

Prevailing Winds South.

SPECIAL REMARKS

Wm. R. Leadbeater, M.A.

SECRETARY

Mar. 1912

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
SEP 14 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during March **1912**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 16″ 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	30.15	55	65	48	.17	27.25	12.65	20	1	N	75%						cro	Cloudy and Rainy
2	30.20	52	57	42				20	6	"	70%						b	Clear " Cool
3	30.15	50	57	39				10	2	W	65%						"	" " "
4	30.17	53	60	44				7	0	"	60%						"	" " "
5	30.10	58	70	55			13.70	25	3	S	67%						"	" " "
6	30.—	57	65	50	.08	27.33	13.75	24	10	"	75%						cro	Cloudy " Rainy
7	30.02	57.5	67	50				20	5	"	80%	7.25 P.M.	Tremor				b	Clear " Cool
8	30.17	59.5	70	52				13	5	"	70%						"	" " "
9	30.—	61	73	50	.37	27.70		35	10	"	75%	5:30 A.M.	"				cro	Cloudy " Rain
10	30.07	58	63	52	.45	28.15		23	3	W	80%	12.38 "	"				"	" " "
11	30.30	57	65	45				8	0	"	70%						b	Clear " Cool
12	30.35	58.5	70	46				7	0	S	73%						"	" " "
13	30.30	60	70	50				0	0	"	70%						"	" " "
14	30.03	60	73	54				10	0	"	75%						"	" " "
15	29.87	62	70	50	.07	28.22		17	3	"	80%						cro	Cloudy " Rainy
16	29.97	57	60	41				20	3	N	65%						b	Clear " Cool
17	30.05	51	58	39				15	5	E	60%						"	" " "
18	29.95	51.5	55	4[illegible]			13.90	10	3	"	57%	4.33 A.M.	Shock				"	" " "
19	29.95	59	61	43			14.85	7	0	W	60%						"	" " "
20	30.05	58	65	50				15	0	S	65%						"	" " "
21	30.07	60	69	52				7	0	"	70%						"	" " "
22	29.85	63	73	57	.25	28.47		20	3	"	80%						cro	Cloudy " Rainy
23	29.93	58	65	48	.10	28.57		17	8	"	85%						"	" " "
24	29.90	57	67	52	.30	28.87		7	0	"	80%						"	" " "
25	29.75	57	68	48	.21	29.08	15.05	25	7	"	85%						"	" " "
26	29.93	58	57	48			15.07	10	0	N	90%						b	Clear " Cool
27	30.05	54	61	46				30	10	"	75%	11.5 A.M.	Tremor				"	" " "
28	29.98	58	65	50				28	13	"	70%						"	" " "
29	29.95	58.5	64	52	.01	29.09		14	3	W	65%						cro	Cloudy " Rainy
30	30.03	61	67	52				15	5	"	60%						b	Clear " Cool
31	30.05	64	77	54				13	3	S	65%						"	" " "
Totals	932.24	1783.5	2027	1500	2.01	29.09	15.07				2217							
Averages	30.07	57.5	65.39	48.39							71%							

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

		1912	Day	1911
Barometer	Max.	30.35	12	30.28
"	Min.	29.75	25	29.60
"	Average	30.07	—	29.98
Thermometer	Max.	77	31	72
"	Min.	39	3	35
"	Average	56.89	—	50.30
Rainfall in inches		2.01	—	2.57
" "	(Highest daily)	.45	10	1.05
No. of Earthquakes Tremors etc.		5	—	6
Wind Velocity. Max.		35	9	35

Directions		
	N.	6
	N. E.	
	E.	2
	S. E.	
	S.	16
	S. W.	
	W.	7
	N. W.	

Prevailing Winds South

SPECIAL REMARKS

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

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
SEP 14 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during April **19** 12

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	30.15	63	72	52		29.09	15.07	20	6	W	65%	2.52 P.M.	Tremor				b	Clear and Cool
2	30.02	63.5	71	59				10	0	S	70%	10.10 A.M.	"				"	" " "
3	29.80	67	77	64				30	13	E	75%						"	" " "
4	29.93	66	70	57				28	12	S	70%	7.25 P.M.	"				"	" " "
5	30.07	61	68	50	.03	29.12		16	7	N	65%						cro	Cloudy " Rainy
6	30.08	56	63	45			15.22	10	2	"	60%						b	Clear " Cool
7	30.03	58	62	46				10	2	S	57%						"	" " "
8	30.—	62	75	57				15	3	"	65%						"	" " "
9	30.07	65	76	52			15.23	25	0	N	60%	4.7 P.M.	"				"	" " "
10	29.87	68	78	60	.01	29.13	15.24	27	6	S	65%						cro	Cloudy " Rainy
11	29.67	75.5	67	57	.30	29.43		30	3	"	75%						ore	" " Rain
12	30.21	60	63	43	.02	29.45	15.37	32	11	"	70%						cro	" " Rainy
13	30.15	60	70	48				10	0	"	65%	5.57 A.M.	"				b	Clear " Cool
14	30.23	61	71	50				15	3	E	60%						"	" " "
15	30.03	60	63	52			15.70	13	5	N	67%						"	" " "
16	29.92	67	84	57			16.20	26	9	W	60%						"	" " "
17	30.05	66	71	54				13	4	N	57%						"	" " "
18	30.13	62	70	50				24	5	"	50%						"	" " "
19	30.10	63	73	54				17	5	"	55%						"	" " "
20	30.08	65	70	55				13	2	W	60%						"	" " "
21	29.95	65.5	72	55				10	2	"	67%						"	" " "
22	29.68	64	65	57	.08	29.63		17	0	E	75%						cro	Cloudy " Rainy
23	29.75	62	64	52	.10	29.63	16.23	10	1	W	80%						"	" " "
24	30.05	57	58	48			16.43	18	6	N	87%						b	Clear " Cool
25	29.97	53	57	41			16.93	27	7	"	70%						"	" " "
26	29.83	54	55	43			17.15	20	9	"	75%						"	" " "
27	29.94	55	61	42				15	4	W	70%						"	" " "
28	30.07	52	67	48				15	7	"	65%						"	" " "
29	29.94	58	70	57				15	4	S	60%	6.18 P.M.	Shock				"	" " "
30	29.80	62.5	69	59			17.25	25	6	"	53%						"	" " "
31																		
Totals	899.57	1862	2054	1564	.54	29.63	17.25				1973							
Averages	29.98	62.07	68.47	52.13							65.77%							

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

		1912	Day	1911
Barometer	Max.	30.23	14	30.23
"	Min.	29.67	11	29.64
"	Average	29.98	—	29.91
Thermometer	Max.	84	16	77
"	Min.	41	25	41
"	Average	60.30	—	60.36
Rainfall in inches		.54	—	2.18
" "	(Highest daily)	.30	11	.50
No of Earthquakes		6	—	3
Tremors etc.				
Wind Velocity. Max.		32	12	37

Directions

N.	9
N. E.	
E.	3
S. E.	
S.	10
S. W.	
W.	7
N. W.	

Prevailing Winds South

S. S. Caldwell B. Sc. C. E.

SECRETARY

May

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
SEP 14 1912
Weather Bureau.

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during May **1912**

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 1/2 feet

Height of rim of Rain Gauge; above mean sea level 95 feet, above the ground 4.5 feet

DAY	BAROMETER Uncorrected.	BAROMETER Attached Ther.	TEMPERATURE Max. Shade	TEMPERATURE Min. Shade	RAINFALL IN INCHES (From July 1st) Per. Day	RAINFALL Total to Date	RAINFALL 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	29.87	64	70	54		29.63	17.25	15	7	S	65%						b	clear and cool
2	29.97	63	75	55				10	5	"	70%						"	" " "
3	29.86	65	72	55				13	2	N	75%						"	" " "
4	29.80	64	71	52	.65	30.28		13	5	"	80%						cro	cloudy " Rain
5	30.03	57	60	50	.02	30.30		17	3	"	85%						cro	" " Rainy
6	30.17	58	72	48				13	6	"	80%						b	clear " cool
7	30.18	60	70	52				8	0	W	75%						"	" " "
8	30.12	63	72	55				12	3	"	70%						"	" " "
9	29.90	64	73	55				15	3	"	75%						"	" " "
10	30.03	62	77	50				30	7	N	65%						"	" " "
11	30.05	62.5	72	50				25	10	W	60%						"	" " "
12	30.08	63	70	54	.22	30.52		17	2	E	67%						cro	cloudy " Rain
13	30.17	62	72	55				23	5	N	60%						b	clear " cool
14	30.05	60	75	59				13	5	E	57%						"	" " "
15	30.06	68	81	61				10	0	W	65%						"	" " "
16	30.04	71	86	68			17.27	25	0	S	70%						"	" " "
17	29.97	71.5	90	67			17.30	25	8	"	65%	10.37 A.M. 11.40 "	Tremor --				"	" " "
18	29.80	71	87	67				27	9	"	57%						"	" " "
19	30.03	70	84	60				15	5	W	50%						"	" " "
20	30.14	68	75	59			17.32	20	5	N	55%						"	" " "
21	30.10	68.5	80	63				18	4	"	50%						"	" " "
22	30.05	67	82	59				17	5	"	57%						"	" " "
23	30.04	69	76	63				10	4	S	62%						"	" " "
24	30.—	70.5	81	65				13	0	"	55%						"	" " "
25	29.90	75	90	68			17.33	17	3	"	53%						"	" " "
26	29.90	71	82	63				20	7	"	65%						"	" " "
27	29.95	69	79	62	.02	30.54		21	6	"	70%						cro	cloudy " Rainy
28	29.94	72	83	63				8	3	W	75%						b	clear " cool
29	30.08	73	79	66				20	7	N	70%						"	" " "
30	30.08	73	86	63				18	8	W	65%						"	" " "
31	29.90	72	85	70				15	3	S	57%						"	" " "
Totals	930.26	2067	2407	1831	.91	30.54	17.33				2025							
Averages	30.01	66.7	77.64	59.06							65.3%							

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

		1912	Day	1911
Barometer	Max.	30.18	7	30.13
"	Min.	29.80	18	29.60
"	Average	30.01	—	29.91
Thermometer	Max.	90	17	85
"	Min.	48	6	52
"	Average	68.35	—	68.74
Rainfall in inches		.91	—	.08
" "	(Highest daily)	.65	4	.03
No of Earthquakes Tremors etc.		2	—	4
Wind Velocity. Max.		30	10	31

Directions

N.	10
N. E.	
E.	2
S. E.	
S.	11
S. W.	
W.	8
N. W.	

Prevailing Winds North & South

SPECIAL REMARKS

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

SECRETARY

June

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
SEP 14 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during June 1912

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	RAINFALL IN INCHES (From July 1st) 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	29.85	76	90	70		30.54	17.45	13	3	S	53%						b	clear and cool
2	30.–	76.5	85	68				17	5	E	57%						"	" " "
3	30.04	74	84	66				17	7	W	63%						"	" " "
4	29.95	73.5	85	65				10	0	E	65%						"	" " "
5	29.95	72	83	64				12	4	W	70%						"	" " "
6	29.96	75	85	70				17	3	"	75%						"	" " "
7	29.97	77	93	72				20	7	E	60%						"	" " Hot
8	29.95	78	90	70				15	5	"	65%						"	" " "
9	29.83	77	87	70				15	5	W	70%						"	" " "
10	29.80	76	83	68				13	5	S	75%						"	" " "
11	29.82	74	86	66				13	3	"	78%	6.10 a.m.	Tremor				"	" " "
12	29.88	76	87	72				10	2	W	70%						"	" " "
13	29.94	77	91	68				10	2	"	65%						"	" " "
14	29.85	82	96	77				15	3	S	45%						"	" " "
15	29.92	84	102	77				35	10	"	35%						"	" " "
16	29.92	76	90	68				10	3	N	45%						"	" " "
17	29.95	72	88	68				17	7	W	53%						"	" " "
18	29.90	73	89	66				12	2	N	57%						"	" " "
19	29.98	77.5	92	72				17	4	"	50%						"	" " "
20	30.–	77	93	70				20	5	"	55%						"	" " "
21	29.97	75	92	75				20	5	S	50%						"	" " "
22	29.98	77	89	70				17	3	W	57%						"	" " "
23	29.97	78	90	68				16	3	"	50%						"	" " "
24	29.97	77	87	68				15	5	"	55%						"	" " "
25	29.90	78	87	70				18	3	N	53%						"	" " "
26	29.80	77.5	91	70				15	5	S	57%						"	" " "
27	29.86	78	92	70				13	5	W	65%						"	" " "
28	29.93	76	87	68				13	4	"	70%						"	" " "
29	29.87	75	88	70				15	2	"	75%						"	" " "
30	29.90	79	90	70	.15	30.69		17	2	S	85%						cro	cloudy " Rainy
31																		
Totals	896.61	2294	2672	2086	.15	30.69	17.45				1823							
Averages	29.88	76.47	89.07	69.53							60.77%							

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

		1912	Day	1911
Barometer	Max.	30.04	3	30.20
"	Min.	29.80	10	29.90
"	Average	29.88	–	30.04
Thermometer	Max.	102	15	101
"	Min.	64	5	60
"	Average	79.30	–	77.86
Rainfall in inches		.15	–	.12
" "	(Highest daily)	.15	30	.12
No of Earthquakes		1	–	1
Tremors etc.				
Wind Velocity. Max.		35	15	27

Directions

N.	5
N. E.	
E.	4
S. E.	
S.	8
S. W.	
W.	13
N. W.	

Prevailing Winds West

SPECIAL REMARKS

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

SECRETARY

1912 July

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
SEP 28 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during July **1912**

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 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	29.93	78	91	72				17	5	W	65%						6	Clear and Hot
2	30.—	81	93	75				13	3	"	60%						"	" " "
3	29.98	79	90	70				14	5	"	53%						"	" " "
4	30.03	80	92	72				13	3	"	50%						"	" " "
5	30.—	84	100	80				17	7	NW	40%						"	" " "
6	29.98	83	101	75				25	3	"	35%						"	" " "
7	30.05	75	87	63				17	10	"	30%						"	" " "
8	29.87	73	82	61				15	5	"	53%						"	" " "
9	29.85	77	87	70				13	3	S	62%						"	" " "
10	29.92	76	87	68	Drops			15	3	NW	67%						"	" " "
11	29.92	78	85	70				10	3	S	75%						"	" " "
12	30.03	77.5	87	68				13	5	NW	70%						"	" " "
13	29.95	78	90	70				17	3	"	65%						"	" " "
14	29.87	80	92	72				10	3	"	53%						"	" " "
15	29.87	79	90	72				15	5	E	50%						"	" " "
16	29.90	80	95	73				17	3	W	45%						"	" " "
17	29.95	80.5	92	68				13	4	NW	37%						"	" " "
18	29.98	75	87	67				15	5	W	52%						"	" " "
19	29.98	74	85	66				15	5	"	57%						"	" " "
20	29.73	76	87	72				8	3	S	50%						"	" " "
21	29.82	78	87	70				12	3	"	65%						"	" " "
22	29.80	80	92	70				10	3	W	70%						"	" " "
23	29.70	81	95	72				14	3	"	53%						"	" " "
24	29.75	78	92	70				15	3	"	60%						"	" " "
25	29.85	79.5	87	70				14	5	NW	50%						"	" " "
26	29.97	80	87	72				17	4	W	62%						"	" " "
27	29.95	80	95	75				20	7	E	53%						"	" " "
28	29.93	82	92	68				27	8	"	57%						"	" " "
29	29.97	78	90	68				25	8	"	50%						"	" " "
30	30.03	77	90	70				18	8	S	62%						"	" " "
31	29.90	75	88	68				17	3	"	70%						"	" " "
Totals	927.46	2432.5	2795	2177							1721							
Averages	29.92	78.47	90.16	70.22							55.51%							

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

		1912	Day	1911
Barometer	Max.	30.05	7	30.12
"	Min.	29.70	23	29.90
"	Average	29.92	—	29.99
Thermometer	Max.	101	6	99
"	Min.	61	8	62
"	Average	80.19	—	81.54
Rainfall in inches		—	—	—
" " (Highest daily)		—	—	—
No. of Earthquakes Tremors etc.		—	—	4
Wind Velocity. Max.		27	28	32

Directions

N.	10
N. E.	
E.	4
S. E.	
S.	6
S. W.	
W.	11
N. W.	

Prevailing Winds North West.

SPECIAL REMARKS

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

SECRETARY

LIBRARY SEP 28 1912 Weather Bureau

Arg

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

LIBRARY
SEP 28 1912
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during August **1912**

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	29.72	75.5	90	72				13	2	W	57%						6	Clear and Hot
2	29.82	78	95	75				13	2	"	50%						"	" " "
3	29.90	78	90	70				16	3	"	55%						"	" " "
4	29.92	80	78	68				7	3	"	60%						"	" " "
5	29.93	82	98	75				15	3	"	65%						"	" " "
6	29.90	85	97	75				14	6	"	57%						"	" " "
7	29.92	85.5	95	73				14	3	"	50%						"	" " "
8	29.93	86	93	72				14	3	"	45%						"	" " "
9	29.85	85	100	76				13	0	S	40%	3.20 A.M.	Heavy Shock	1'+5"	N.S.	needle off plate	"	" " "
10	29.93	84	93	73				10	3	"	37%						"	" " "
11	29.90	82	90	70				13	5	W	45%						"	" " "
12	29.90	80	87	67				15	5	"	53%						"	" " "
13	29.93	81	90	73				17	5	"	57%						"	" " "
14	29.93	82	98	72				15	3	"	65%						"	" " "
15	29.95	80	90	70				13	5	"	60%						"	" " "
16	29.94	78	87	72				17	5	"	65%						"	" " "
17	29.90	82	92	79				17	4	"	70%						"	" " "
18	29.95	82.5	100	75				30	3	N	57%						"	" " "
19	29.96	83	98	73				20	7	"	50%						"	" " "
20	30.—	80	95	70				25	7	"	45%						"	" " "
21	30.03	82	93	72				15	3	"	50%						"	" " "
22	29.93	75	90	68				13	3	"	57%						"	" " "
23	29.90	76	90	70				10	4	S	50%						"	" " "
24	29.83	75	87	70				15	3	"	58%						"	" " "
25	30.—	73	87	67				15	4	"	50%						"	" " "
26	29.95	74.5	86	65				10	3	"	65%						"	" " "
27	29.95	72	85	65				15	3	"	75%						"	" " "
28	29.85	74	90	67				10	2	"	70%						"	" " "
29	29.86	78	92	70				5	0	"	53%						"	" " "
30	30.02	75	90	68				30	3	N	57%						"	" " "
31	29.92	74.5	90	70				25	7	"	50%						"	" " "
Totals	927.42	2488.5	2836	2202							1718							
Averages	29.91	80.27	91.48	71.03							55.42%							

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

		1912	Day	1911
Barometer	Max.	30.03	21	30.07
"	Min.	29.72	1	29.85
"	Average	29.91	—	29.94
Thermometer	Max.	100	9	107
"	Min.	65	26	68
"	Average	81.26	—	83.69
Rainfall in inches		—	—	—
" "	(Highest daily)	—	—	—
No of Earthquakes Tremors etc.		1	—	4
Wind Velocity. Max.		30	18	25

Directions

N.	7
N. E.	
E.	
S. E.	
S.	9
S. W.	
W.	15
N. W.	

Prevailing Winds West

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

SECRETARY

LIBRARY SEP 28 1912 Weather Bureau

Sept '12

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER H. Schlaudecker

LIBRARY
APR 28 1913
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** September 1912

Hour of Observation 8 A. M. **Longitude 17° 9′E of Greenwich-Latitude 38° 28′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	29.90	75	90	70				13	5	W	53%						b	Clear and Hot
2	29.87	74	87	67				10	3	"	50%						"	" " "
3	29.80	74	90	71				17	5	S	58%						"	" " "
4	29.82	76	85	70	.05	.05		25	10	"	65%						cro	Cloudy " Rainy
5	29.87	78	84	63	.55	.60		25	10	"	75%						cro	" " Rain
6	29.98	75	78	62				13	2	W	68%						b	Clear " Cool
7	29.92	70	80	63				13	3	"	75%						"	" " "
8	29.90	73	83	70				20	0	"	85%						"	" " "
9	30.13	68	85	63	.05	.65		20	6	"	80%						cro	Cloudy " Rainy
10	30.07	70	82	62				15	5	N	75%						b	Clear " Cool
11	30.05	68	80	60				10	3	"	70%						"	" " "
12	30.03	70	80	62				13	3	W	65%						"	" " "
13	30.—	75	85	65				13	5	"	60%						"	" " "
14	30.01	68	84	63				10	1	S	57%	1.24 A.M.	Severe Shock	3"20	E + W		"	" " "
15	29.85	73	85	70				17	5	"	50%						"	" " "
16	29.90	72	83	63	.38	1.03		17	6	"	75%						cro	Cloudy " Rainy
17	30.05	68	75	60				10	3	W	70%						b	Clear " Cool
18	30.20	65	80	62				15	5	"	65%						"	" " "
19	30.13	67	82	62				15	6	N	60%						"	" " Hot
20	30.08	68	87	63				13	2	"	57%						"	" " "
21	30.03	70	82	63				15	1	"	65%						"	" " "
22	30.—	73	80	65				10	4	"	70%						"	" " "
23	30.05	70	78	63				12	3	"	75%						"	" " "
24	30.10	70	82	63				10	3	W	70%						"	" " "
25	30.07	75	90	74				11	2	"	75%						"	" " "
26	30.05	80	98	82				17	7	S	65%						"	" " "
27	30.10	78	99	75				13	0	"	50%						"	" " "
28	30.12	85	98	70				7	0	"	67%						"	" " "
29	30.20	78	90	68				9	3	N	63%						"	" " "
30	30.17	75	87	65				13	3	"	65%						"	" " "
31																		
Totals	900.45	2181	2549	1979	1.03	1.03					1968							
Averages	30.01	72.7	84.97	65.97							65.6%							

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

		1912	Day	1911
Barometer	Max.	30.20	18	30.22
"	Min.	29.80	3	29.85
"	Average	30.01	—	30.04
Thermometer	Max.	99	27	97
"	Min.	60	11	61
"	Average	75.47	—	78.10
Rainfall in inches		1.03	—	.23
" "	(Highest daily)	.55	5	.12
No of Earthquakes Tremors etc.		1	—	—
Wind Velocity, Max.		25	4	30

Directions

N.	9
N. E.	
E.	
S. E.	
S.	9
S. W.	
W.	12
N. W.	

Prevailing Winds West

S. L. Caldwell B.Sc.

SECRETARY

6 '12

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA, TURKEY

OBSERVER H. Schlenker

LIBRARY
APR 28 1913
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** October 1912

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 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	30.07	73	87	70		1.03	17.68	17	8	N	75%						b	Clear and Hot
2	30.03	70	80	60				7	1	"	70%						"	" " "
3	30.07	68	82	60				7	0	W	75%						"	" " "
4	30.10	73	87	62				5	0	"	65%						"	" " "
5	30.07	75	83	62				7	0	"	67%						"	" " "
6	30.14	80	88	67				18	2	E	73%						"	" " "
7	30.25	73	85	65				17	5	"	70%						"	" " "
8	30.23	70	82	65				18	6	W	75%						"	" " "
9	30.14	68.5	78	62				12	3	"	70%						"	" " "
10	30.13	70	75	61				15	0	"	75%	4.30 A.M.	Tremor				"	" " "
11	30.15	73	75	63				16	2	"	80%						"	" " "
12	30.17	70	78	65				7	0	"	85%						"	" " "
13	30.20	72	80	63				15	3	N	73%						"	" " "
14	30.15	68	78	60				19	7	"	70%						"	" " "
15	30.10	70	77	61			17.73	13	2	"	65%						"	" " "
16	30.05	68	80	57			17.80	18	6	"	70%						"	" " "
17	30.04	65	78	61				14	2	"	75%						"	" " "
18	30.20	63	70	52				20	6	"	80%						"	" " Cool
19	30.17	65	73	48				13	5	"	85%						"	" " "
20	30.—	60	70	57				20	2	S	73%						"	" " "
21	29.90	65	75	61	.92	1.95		20	7	"	85%						ore	Cloudy " Rain
22	30.10	63	70	54				10	0	N	80%	4.29 A.M.	Tremor				b	Clear " Cool
23	29.87	65	68	62				15	0	S	87%	5.5 "	"				"	" " "
24	29.65	65	70	67	.96	2.91		20	7	"	80%						ore	Cloudy " Rain
25	30.—	67	72	57				7	3	E	75%						b	Clear " Cool
26	29.97	65	78	55				15	3	S	70%						"	" " "
27	29.90	67	80	57	.09	3.00		18	6	E	85%						cre	Cloudy " Rainy
28	30.17	65	70	50				20	2	"	78%						b	Clear " Cool
29	30.30	54	57	45				25	10	"	70%						"	" " "
30	30.17	53	60	45				23	6	"	75%						"	" " "
31	30.05	54	65	48				13	2	"	67%						"	" " "
Totals	932.60	2077.5	2351	1822	1.97	3.00	17.80				2323							
Averages	30.08	67.01	75.84	58.77							74.93%							

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

		1912	Day	1911
Barometer	Max.	30.30	29	30.30
"	Min.	29.65	24	30.—
"	Average	30.08	—	30.13
Thermometer	Max.	88	6	87
"	Min.	45	29	48
"	Average	67.30	—	68.08
Rainfall in inches		1.97	—	.12
" "	(Highest daily)	.96	24	.07
No of Earthquakes		3	—	4
Tremors etc.		25	29	27
Wind Velocity, Max.				

Directions

N.	10
N. E.	
E.	8
S. E.	
S.	5
S. W.	
W.	8
N. W.	

Prevailing Winds North

SPECIAL REMARKS

S. L. Caldwell B.Sc.

SECRETARY

N 912

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER H. Caldwell

LIBRARY
APR 28 1913
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** November 1912

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 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	29.95	55	70	48		3.00		15	5	S	75%						b	Clear and Cool
2	29.72	65	75	61	.45	3.45		25	10	"	85%						cro	Cloudy " Rain
3	29.78	68	65	50	1.20	4.65		15	8	"	90%						"	" " "
4	30.07	65	54	40				18	7	E	80%						b	Clear " Cool
5	29.90	54	62	50	.05	4.70		13	0	"	85%						cro	Cloudy " Rainy
6	30.15	52	53	39	.08	4.78		15	6	N	80%						"	" " "
7	30.17	53	62	45				15	0	"	80%						b	Clear " Cool
8	30.10	66	63	59	.01	4.79		17	5	S	75%						cro	Cloudy " Rainy
9	30.17	59	67	57				25	11	"	70%						b	Clear " Cool
10	30.03	60	73	53				10	5	"	65%						"	" " "
11	29.67	62	75	57	.97	5.76		7	0	"	75%						cro	Cloudy " Rain
12	29.80	60	65	55	.60	6.36		13	0	"	85%						"	" " "
13	30.05	62	67	60	.02	6.38		23	8	"	90%						cro	Cloudy " Rainy
14	30.30	65	75	57				32	10	"	80%						b	Clear " Cool
15	30.27	67	79	57				16	3	"	75%						"	" " "
16	30.18	65	73	59				18	0	"	70%						"	" " "
17	30.17	65.5	82	60				20	0	"	65%						"	" " "
18	30.13	67	75	55				13	3	"	60%						"	" " "
19	30.05	63	75	57				8	3	"	57%						"	" " "
20	30.15	65	73	57				17	5	"	63%						"	" " "
21	30.10	63	70	55				0	0	"	70%						"	" " "
22	29.67	65	75	67				35	3	"	60%						"	" " "
23	30.20	63	73	57				38	11	"	57%						"	" " "
24	30.20	61	75	54				14	0	E	63%						"	" " "
25	29.87	60	67	53	.18	6.56		20	7	S	70%						cro	Cloudy " Rainy
26	29.87	59	65	54	.15	6.71		23	8	"	78%						"	" " "
27	30.07	57	65	52				13	3	E	75%						b	Clear " Cool
28	30.—	57.5	60	50				7	1	"	70%						"	" " "
29	30.—	54	58	54				7	0	"	75%						"	" " "
30	29.95	55	63	52	.10	6.81		20	5	S	80%						cro	Cloudy " Rainy
31																		
Totals	900.74	1833	2057	1624	3.81	6.81					2203							
Averages	30.24	61.1	68.46	54.13							73.43%							

68.5 613 54.1 ~~125.6~~

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

		1912	Day	1911
Barometer	Max.	30.30	14	30.35
"	Min.	29.67	11	29.82
"	Average	30.24	—	30.10
Thermometer	Max.	82	17	81
"	Min.	39	6	45
"	Average	61.2	—	62.15
Rainfall in inches		3.81	—	.93
" "	(Highest daily)	1.20	3	.75
No of Earthquakes Tremors etc.		—	—	5
Wind Velocity, Max.		38	23	27

Directions

N.	2
N. E.	
E.	6
S. E.	
S.	22
S. W.	
W.	
N. W.	

Prevailing Winds South

L. P. Caldwell D.D.S.

SECRETARY

D 912

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER H. Tchilouhdjian

LIBRARY
MAY 2 1913
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** December 1912

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. 3½ **feet, Min.** 3½ **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	30.15	57	57	48	.25	7.06		18	3	S	95%						cro	Cloudy and Rainy
2	30.23	53	62	45				7	0	"	90%						b	Clear " Cool
3	30.07	55	63	50				7	2	"	85%						"	" " "
4	29.87	56	60	55	.95	8.01		15	7	"	90%						cro	Cloudy " Rain
5	30.—	55	62	50	.35	8.36		15	5	E	95%						"	" " "
6	29.90	57	60	52	.50	8.86		20	8	"	95%						"	" " "
7	30.—	56	63	50				13	0	"	90%						b	Clear " Cool
8	30.12	53	58	47				23	10	"	85%						"	" " "
9	29.97	52	57	46				25	10	"	80%						"	" " "
10	30.—	57	53	45				25	12	"	75%						"	" " "
11	30.13	52	57	41				20	7	"	70%						"	" " "
12	30.03	48	53	39				13	0	"	85%						"	" " "
13	30.07	53	62	46				15	5	"	80%						"	" " "
14	30.25	50	54	43				20	7	"	70%						"	" " "
15	30.23	48	50	38				20	5	"	65%						"	" " "
16	30.20	47	52	40				10	0	"	70%						"	" " "
17	30.13	50	67	48				20	3	"	63%						"	" " "
18	30.15	57	65	57	.02	8.88		30	8	S	75%						cro	Cloudy " Rainy
19	30.30	58	62	50	.20	9.08		10	3	"	85%						"	" " "
20	30.27	57	63	50				10	2	"	90%						b	Clear " Cool
21	30.23	53	62	47				13	0	"	85%						"	" " "
22	30.30	50	57	40				14	2	E	80%						"	" " "
23	30.35	48	60	38				15	5	"	70%						"	" " "
24	30.43	52	67	47				13	0	"	73%						"	" " "
25	30.25	57	57	45				15	6	S	80%						"	" " "
26	30.17	54	60	50	.25	9.33		17	7	"	85%						cro	Cloudy " Rainy
27	30.15	53	58	41				18	8	E	85%						b	Clear " Cool
28	29.95	55	63	53	.13	9.46		23	7	"	90%						cro	Cloudy " Rainy
29	30.15	52	60	46				17	3	"	80%						b	Clear " Cool
30	30.25	53	65	45				15	2	"	70%						"	" " "
31	30.25	54	60	41				15	5	"	63%						"	" " "
Totals	934.55	1646	1849	1433	2.65	9.46					2494							
Averages	30.14	53.09	59.64	46.22							80.45%							

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

		1912	Day	1911
Barometer	Max.	30.43	24	30.25
"	Min.	29.87	4	29.37
"	Average	30.14	—	29.99
Thermometer	Max.	67	17	65
"	Min.	38	15	38
"	Average	52.93	—	51.75
Rainfall in inches		2.65	—	4.14
" "	(Highest daily)	.95	4	.67
No of Earthquakes Tremors etc.		—	—	2
Wind Velocity, Max.		30	18	27

Directions

N.	
N. E.	
E.	21
S. E.	
S.	10
S. W.	
W.	
N. W.	

Prevailing Winds East.

S. L. Caldwell B. Sc.

SECRETARY