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1910
Jan-dec.

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

QC
990
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M4
1910

SMYRNA. TURKEY

Jan 10

OBSERVER H. Schlenker

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FEB 23 1910
Weather Bureau

N. B. continuation of previous erroneous methods of computing mean monthly values for Pressure & Temperature.
C.A.P.

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September 14, 1999

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during *January* **1910**

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	29.70	54.5	57	45	1.70	12.35	9.36	24	8	S	75%	9.57 A.M.	Tremor				0 ro	Cloudy and Rain
2	29.82	53.5	55	47	.20	12.55	9.46	7	0	"	83%						0 ro	"
3	30.	52.	53	48	.25	12.80		10	0	S.E.	87%						0 ro	"
4	29.87	52.	57	46				27	5	N.E	85%	1.37 P.M.	"				b	Clear and Cold
5	29.80	50.5	53	42				30	10	N	80%	3.10 " 10.12 "	" "				b	"
6	29.85	49.5	55	38				20	7	"	75%	8.5 " 8.45 "	" "				b	"
7	30.03	46.5	52	32				7	0	"	45%	10.42 A.M.	"				b	"
8	30.25	42.	45	30				35	10	"	43%	5.30 A.M.	"				b	"
9	30.27	43.	44	30			9.48	13	3	"	52%	12.23 P.M.	"				b	"
10	30.52	39	42	28			9.63	35	7	"	40%						b	"
11	30.55	41.5	47	30			10.30	13	4	"	45%						b	"
12	30.45	42	50	27			10.87	17	5	N.E	50%						b	"
13	30.23	46	64	45				20	0	S.	57%						b	"
14	29.98	49	57	45.5	.25	13.05		27	10	"	63%						0.ro	Cloudy and Rain
15	29.95	50.5	63	48.	.37	13.42	10.89	17	0	"	75%						0 ro	"
16	29.85	49	53	43	.10	13.52		21	3	N	82%	9.57 P.M.	"				c ro	"
17	30	45.5	49	39				33	2	"	70%	7.57 A.M.	"				b	Clear and Cold
18	30.10	44.5	50	37.5			10.92	30	13	"	62%	3.20 P.M.	"				b	"
19	29.90	44.5	52	37			11.05	27	1	S.	57%						b	"
20	29.76	51	60	51.			11.35	18	5	"	65%						b	"
21	29.91	55.	67	57			11.47	18	5	"	70%						b	"
22	29.90	57.5	67	57			11.65	20	8	"	73%	3.5 A.M. 11.22 AM	Tremor shock.				b	"
23	29.70	58.	68	52	.53	14.05	11.72	28	10	"	75%						0 ro	Cloudy and Rain
24	29.63	56.5	63	51	.48	14.53	11.75	24	5	"	82%						0 ro	"
25	29.88	54.	58	41	.07	14.60		23	6	W.	75%						c ro	"
26	29.80	53.5	60	52	.03	14.63		37	2	S	82%						c ro	"
27	29.82	55.5	59	51	.32	14.95		37	9	"	87%						0 ro	"
28	29.90	57	65	55	.02	14.97		17	5	"	85%						0	Cloudy and Rainy
29	30.09	56.	64	43	.01	14.98		15	5	W.	73%						0	"
30	30.20	53.	60	37				10	2	"	70%						b	Clear and Cold
31	30.19	52.	62	45				17	0	S.	75%						b	"
Totals	929.90	1554.	1751	1330	4.33	14.98	11.75				2138	14						
Averages	29.99	50.12	56.5	42.90							68%							

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

		1910	Day	1909
Barometer	Max.	30.55	11	30.32
"	Min.	29.63	24	29.85
"	Average	29.99	—	30.08
Thermometer	Max.	68	23	69
"	Min.	27	12	32
"	Average	49.7	—	50.5
Rainfall in inches		4.33	—	2.77
" "	(Highest daily)	1.70	1	.67
No of Earthquakes Tremors etc.		14	—	18
Wind Velocity. Max.		37	26	30

Directions

N.	10
N. E.	2
E.	
S. E.	1
S.	15
S. W.	
W.	3
N. W.	

Prevailing Winds S & N.

SPECIAL REMARKS

William Fowler

SECRETARY

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Feb 10

OBSERVER H. Bahadurian

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Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during February 1910

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 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	55	63	48		14.98	11.78	15	5	S	82%						b	Clear and Cool
2	29.93	57	62	54	.37	15.35	11.87	27	2	"	85%						o r.	Cloudy " Rain
3	30.03	58.5	67	54	.02	15.37	12.14	21	7	"	87%						"	" " "
4	29.80	58	60	52	.50	15.87		20	5	"	90%						"	" " "
5	29.92	56	61	50	.05	15.92		13	0	"	80%	3.32	Tremor				"	" " "
6	29.84	57	63	55				28	13	E	75%						c	" " Cool
7	29.71	52.5	57	42	1.27	17.19	12.45	8	2	N	87%						o r.	" " Rain
8	29.70	53.5	60	45			12.78	5	0	"	73%	8.30 P.M	—				bc	Clear " Cool
9	29.83	51.	57	44			12.96	8	0	S	67%						"	" " "
10	29.90	55	67	52	.02	17.21	13.29	17	5	"	67%						c r.	Cloudy " Rain
11	29.95	58	66	53	.43	17.64		23	7	"	87%						o r.	" " "
12	29.68	57.5	72	52				25	9	N	70%						bc	Clear " Cool
13	29.82	58	62	50	.03	17.67	13.92	20	5	"	73%						c r.	Cloudy " Rain
14	29.92	56.5	61	50	.18	17.85	14.67	13	5	"	75%						o r.	" " "
15	29.98	55	60	47	.67	18.52	14.91	19	4	S	82%						"	" " "
16	29.93	54.5	57	45	.45	18.97		18	0	"	85%	4.50 A.M.	Shock				"	" " "
17	30.—	55	59	47	.06	19.03	14.96	20	1	"	75%	4.37 P.M 3.37 P.M	Tremor Shock				"	" " "
18	30.13	57	65	50	.04	19.07	15.51	0	0	"	87%						"	" " "
19	30.18	55	62	47			15.87	15	5	E.	72%						bc	Clear " Cool
20	30.18	52	59	41				20	7	N. E	63%						b	" " "
21	30.23	51.1	60	42			16.10	18	0	" "	57%						"	" " "
22	30.25	53	60	44			16.37	15	7	N	50%						"	" " "
23	30.24	52	58	42				10	0	"	53%						"	" " "
24	30.13	54.5	59	43				11	0	"	62%						"	" " "
25	30.13	55	61	41				10	1	W	70%						"	" " "
26	30.10	55	65	46				0	0	"	75%						"	" " "
27	30.03	58	70	53	.10	19.17		25	3	S	73%	5.57 A.M	Tremor				o r.	Cloudy " Rain
28	30.10	58	67	42				13	4	"	70%						bc	Clear " Cool
29																		
30																		
31																		
Totals	839.71	1548.6	1740	1331	4.19	19.17	16.37				2072	6						
Averages	29.98	55.3	62.	47							74%							

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

		1910	Day	1909
Barometer	Max.	30.25	22	30.28
"	Min.	29.68	12	29.32
"	Average	29.98	—	29.88
Thermometer	Max.	72	12	60
"	Min.	41	20	28½
"	Average	54.5	—	44.19
Rainfall in inches		4.19	—	4.62
" "	(Highest daily)	1.27	7	.75
No of Earthquakes Tremors etc.		6	—	22 plus
Wind Velocity. Max.		28	6	43

Directions	
N.	8
N. E.	2
E.	2
S. E.	
S.	14
S. W.	
W.	2
N. W.	

Prevailing Winds N. & S.

SPECIAL REMARKS

William Fowler M.A.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Mar 10

OBSERVER H. Tchalouhajian

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APR 23 1910
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during March **1910**

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	30.02	57	70	48		19.17	16.37	7	1	S	75%						bc	Clear and Cool
2	29.86	58	67	49				24	3	"	80%						"	" " "
3	29.97	56	57	47	.06	19.23		10	0	N	83%						c r o	Cloudy " Rain
4	30.04	52	56	43			16.49	27	10	"	72%						b	Clear " Cold
5	30.05	52.5	57	44				23	7	"	70%						"	" " "
6	30.02	51	53	43				17	5	E	65%	9.52	Shock				"	" " "
7	30.03	48.5	52	41			16.64	20	7	"	67%	9.50 P.M.	Tremor				"	" " "
8	30.05	49.5	57	41				30	8	"	57%	8.35 P.M.	-"-				"	" " "
9	30.13	48.5	53	36.5			17.05	34	13	N.	55%						"	" " "
10	30.24	45.5	52	33			17.86	24	7	"	50%						"	" " "
11	30.23	46.5	61	33				14	1	"	57%						"	" " "
12	30.28	46.5	53	38				17	5	"	50%						"	" " "
13	30.30	45.5	50	40		19.23		27	5	E	53%						"	" " "
14	30.30	47	57	38			17.88	18	6	"	45%						"	" " "
15	30.43	49	61	39.5			17.93	14	3	W	40%						"	" " "
16	30.37	52.5	62	42			17.95	0	0	"	47%						"	" " "
17	30.25	54	63	47				17	0	N.	53%						"	" " "
18	29.94	56.5	63	52				19	4	"	57%						"	" " "
19	29.92	53.5	57	47	.97	20.20		25	7	S	70%						o r o	Cloudy " Rain
20	30.04	55	62	49	.03	20.23		13	3	"	75%						c r o	" " "
21	29.93	57	67	52	.09	20.32		10	3	"	80%						"	" " "
22	29.62	58.5	65	53	.03	20.35		15	5	"	85%						"	" " "
23	29.57	57.5	57	51	.35	20.70		25	0	"	87%						o r o	" " "
24	29.52	56	65	45.5		20.70	18.50	24	7	N.	75%						bc	Clear " Cool
25	29.42	57	62	49		20.70	18.78	15	2	"	73%						"	"Barometer at 9.1 M. 29.39"
26	29.70	55.5	55	47	.20	20.90	19.23	20	3	E	75%						o r o	Cloudy " Rain
27	29.92	53	57	44			19.44	28	10		65%						bc	Clear " Cool
28	30.08	51	61	45			20.58	17	2	N. E.	60%						"	" " "
29	30.05	54	60	44	.01	20.91	20.62	13	2	W	67%						c r o	Cloudy " Rainy
30	30.03	53	62	45			20.65	13	0	N.	62%						bc	Clear " Cool
31	30.08	54	62	45	.02	20.93		20	0	E.	65%						c r o	Cloudy " Rainy
Totals	930.39	1631	1836	1371.5	1.76	20.93	20.65				2015							
Averages	30.01	52.9	59.2	44.2							65%							

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

		1910	Day	1909
Barometer	Max.	30.43	15	30.13
"	Min.	29.39	25	29.50
"	Average	30.01	—	29.87
Thermometer	Max.	70	1	75
"	Min.	33	10	34
"	Average	51.7	—	54.5
Rainfall in inches		1.76	—	4.28
" "	(Highest daily)	.97	19	1.14
No of Earthquakes Tremors etc.		3	—	16
Wind Velocity. Max.		34	9	42

Directions

N.	12
N. E.	1
E.	8
S. E.	
S.	7
S. W.	
W.	3
N. W.	

Prevailing Winds N. & S.

SPECIAL REMARKS

William Fowler M.A.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Apr 10

OBSERVER H. Echelouhdjian

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MAY 20 1910
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during April **1910**

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** 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	30.18	57	70	45		20.93	20.65	8	1	E	75%						bc	Clear and Cool
2	30.16	59	68	55				7	0	"	70%						"	" " "
3	30.23	59	67	53	.02	20.95		30	2	N. E.	73%						cro	Cloudy " Rainy
4	30.12	59	63	54				30	5	"	78%						bc	Clear " Cool
5	30.13	60	65	53				10	2	W.	83%						"	" " "
6	30.04	61	65	54	.02	20.97	21.38	5	0	N.	87%						cro	Cloudy " Rainy
7	29.94	63	76	59				7	0	E	80%						b	Clear " Cool
8	29.97	65	79	52				15	3	"	65%						"	" " " "
9	29.90	63	72	51				12	2	"	70%						"	" " " "
10	29.87	60	70	52				7	0	"	63%						"	" " "
11	29.78	62.5	73	56	.20	21.17		24	2	S. E	72%						ore	Cloudy " Rain
12	29.86	61	67	55	.05	21.22		25	7	S.	75%						"	" " " "
13	30.04	58	63	45	.02	21.24		13	2	E	70%						"	" " "
14	30.10	60	67	51				7	0	"	63%						bc	Clear " Cool
15	30.12	61	72	55				10	0	"	65%						"	" " " "
16	30.04	64	76	58				17	3	"	70%						"	" " " "
17	29.85	68	84	68				30	7	"	53%						"	" " "
18	29.65	69	81	63	.02	21.26		23	8	S	62%						cro	Cloudy " Rainy
19	29.80	64	70	54	.30	21.56		23	5	"	73%						ore	" " Rain
20	29.78	59.5	63	48	.17	21.73		23	3	E.	70%						"	" " "
21	29.77	60	62	50	.05	21.78		17	2	W	75%						cro	" " Rainy
22	29.78	61.5	68	54				18	0	E	70%						b	Clear " Cool
23	29.88	59.	70	51				17	2	W.	63%						"	" " " "
24	29.90	62	70	61		21.78		17	1	S	60%						"	" " " "
25	30.02	64.5	74	56				17	5	E	57%						"	" " " "
26	30.03	65	72	55				7	2	"	57%						"	" " " "
27	30.03	64	73	54				13	2	W	50%						"	" " " "
28	29.97	64	76	58				10	0	E	53%						"	" " " "
29	30.07	68	81	61				13	2	W.	47%						"	" " " "
30	30.08	68	73	62		21.78		12	3	"	45%						"	" " " "
31																		
Totals	899.09	1869.0	2130	1643	.85	21.78	21.38				1994							
Averages	29.66	62.3	71	54							66%							

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

		1910	Day	1909
Barometer	Max.	30.23	3	30.27
"	Min.	29.65	18	29.63
"	Average	29.66	—	29.96
Thermometer	Max.	84	17	83
"	Min.	45	1	39
"	Average	62.5	—	60.14
Rainfall in inches		.85	—	.73
" "	(Highest daily)	.30	19	.73
No of Earthquakes Tremors etc.		—	—	1
Wind Velocity. Max.		30	3	37

Directions

N.	1
N. E.	2
E.	16
S. E.	1
S.	4
S. W.	
W.	6
N. W.	

Prevailing Winds E & W.

Wm Fowler M. A.

SECRETARY

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MAY 20 1910
Weather Bureau

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

May 10

OBSERVER H. Eckebert

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JUN 13 1910
Weather Bureau.

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during *May* **1910**

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	29.92	72	82	70		21.78	21.38	35	2	S	37%						b	Clear and Cool
2	29.75	73	85	77				35	10	"	45%						"	" " "
3	29.64	71	82	61	.01	21.79		45	17	"	52%						cro	Cloudy " Rainy
4	29.65	65	70	60	.42	22.21		30	10	"	57%						oro	" " Rain
5	29.67	66	70	53	.27	22.48		40	7	"	75%						"	" " "
6	29.80	62.5	67	59	.02	22.50		15	3	"	70%						cro	" " Rainy
7	29.83	63.5	68	56	.05	22.55	21.57	25	8	"	77%						"	" " "
8	29.75	62	65	53	.12	22.67		10	2	"	75%						"	" " "
9	29.82	60	60	56	.37	23.04		8	2	W	85%						oro	" " Rain
10	29.92	60	65	54	.03	23.07		7	3	"	87%						cro	" " Rainy
11	29.87	63	70	58				7	0	S	83%						bc	Clear " Cool
12	29.97	66.5	77	61				17	5	E	78%						"	" " "
13	29.95	68	78	62	.28	23.35		27	5	"	75%	11.13 A.M.	Tremor				oro	Cloudy " Rain
14	29.91	68	80	62	.17	23.52		15	5	S	80%						"	" " "
15	29.82	69	75	63	.13	23.65		10	0	"	85%						"	" " "
16	29.85	68	70	62	.22	23.87		8	1	"	87%						"	" " "
17	29.97	65	72	59				20	2	"	75%						bc	Clear " Cool
18	29.98	68	78	63				12	0	W	70%						b	" " "
19	29.92	70.5	82	63				10	0	"	65%						"	" " "
20	29.93	71.5	80	64				17	3	E	67%	11.15 P.M.	Shock	6″	N & S	3 m.m.	"	" " "
21	29.88	71	83	65				13	4	"	57%						"	" " "
22	29.89	68	75	60	.20	24.07		20	5	"	65%						oro	Cloudy " Rain
23	29.87	68.5	74	61				20	3	W	72%						b	Clear " Cool
24	29.96	67	75	62		24.07		19	7	E	67%						"	" " "
25	29.90	69	77	63	.05	24.12		19	7	S	75%						cro	Cloudy " Rainy
26	29.95	67	73	62	.12	24.24		7	2	W	82%						"	" " "
27	30.03	62	73	57	.01	24.25		23	7	"	73%						"	" " "
28	30.—	65	77	59				21	5	"	67%						bc	Clear " Cool
29	29.98	68	82	63				13	0	S	65%						"	" " "
30	29.94	72	87	69			21.58	21	5	"	57%	11.45 P.M.	Tremor				"	" " "
31	29.92	72	80	67	.05	24.30		23	10	"	63%						cro	Cloudy " Rainy
Totals	926.24	2082	2332	1904	2.52	24.30	21.58				2168							
Averages	29.87	67	77	61							69%							

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

		1910	Day	1909
Barometer	Max.	30.03	27	30.15
"	Min.	29.64	3	29.75
"	Average	29.87	—	29.95
Thermometer	Max.	87	30	96.5
"	Min.	53	5	48
"	Average	69	—	70.5
Rainfall in inches		2.52	—	.20
" "	(Highest daily)	.42	4	.19
No of Earthquakes Tremors etc.		3	—	6
Wind Velocity. Max.		45	3	37

Directions

N.	
N. E.	
E.	6
S. E.	
S.	17
S. W.	
W.	8
N. W.	

Prevailing Winds *South*

SPECIAL REMARKS

William Fowler M.A.

SECRETARY

LIBRARY JUN 18 1910 Weather Bureau

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

June 10

OBSERVER H. Tchilouhdjian

LIBRARY
JUL 25 1910
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during *June* **1910**

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	29.78	72	80	68	.20	24.50	21.58	30	5	S	73%						ore	cloudy and Rain
2	29.84	70.5	78	65			22.28	17	5	"	80%						bc	clear " hot
3	29.87	72	75	64				15	4	W	75%						"	" " "
4	29.84	72	80	63				21	2	"	67%						"	" " "
5	29.88	71.5	79	67				24	7	E	58%						"	" " "
6	29.93	73	82	70				17	2	"	53%						"	" " "
7	30.—	74.5	87	69				35	13	"	57%						"	" " "
8	29.85	68.—	81	65				10	5	"	67%						"	" " "
9	29.87	73.5	78	65				20	3	"	62%						"	" " "
10	29.90	72.	80	65				23	8	"	53%						"	" " "
11	29.93	69	82	67				17	5	S	50%						"	" " "
12	30.—	75	83	69				20	3	"	55%						"	" " "
13	30.—	75.5	87	68				14	0	"	47%						"	" " "
14	30.—	80	95	74				8	3	E	40%						"	" " "
15	30.04	76.5	97.5	75				21	8	"	45%						b	" " Hot
16	30.02	76	87	70				17	2	S	47%						"	" " "
17	29.94	75	86	68				20	3	"	52%						"	" " "
18	29.90	72.5	83	70				17	3	W	57%	1.42 P.M.	Tremor				"	" " "
19	29.90	78	87	70				24	7	"	50%						"	" " "
20	29.89	77.5	85	71				18	3	E	53%						"	" " "
21	29.90	76	89	68	.25	24.75		18	3	"	67%						ore	cloudy " Rain
22	30.17	71	80	69				25	7	"	53%						b	clear " Hot
23	30.17	69	82	63				25	10	N.E	45%						"	" " "
24	30.—	72.—	87	68				18	5	E	35%						"	" " "
25	29.87	74	83	72				18	3	N.	53%						"	" " "
26	29.85	75	87	70				17	2	W	57%						"	" " "
27	29.90	75	91	70				14	0	"	52%						"	" " "
28	29.97	75.5	89	71				20	5	"	45%						"	" " "
29	29.98	78	92	75				20	0	"	35%	2.47 A.M.	Shock	5"	N.E	2½ m.m.	"	" " "
30	29.93	76	93	72				25	5	S.E	30%	11.17 — 12.42 P.M. 10.17 —	Tremor -- -- --				"	" " "
31																		
Totals	898.12	2216.5	2545.5	2061	.45	24.75	22.28				1613							
Averages	29.93	73.8	84.8	68							53%							

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

		1910	Day	1909
Barometer	Max.	30.17	22	30.22
"	Min.	29.78	1	29.83
"	Average	29.93	—	30.02
Thermometer	Max.	97.5	15	95
"	Min.	63	4	59
"	Average	76.4	—	77
Rainfall in inches		.45	—	.70
" "	(Highest daily)	25	21	.70
No of Earthquakes Tremors etc.		5	—	18
Wind Velocity. Max.		35	7	32

Directions

N.	1
N. E.	1
E.	12
S. E.	1
S.	7
S. W.	
W.	8
N. W.	

Prevailing Winds *East*

SPECIAL REMARKS

LIBRARY JUL 25 1910 Weather Bureau

B. L. CALDWELL, B.Sc. F.

SECRETARY

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

July 10

OBSERVER [illegible]

LIBRARY
SEP 10 1910
Weather Bureau

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during July **1910**

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	29.87	75	95	73				20	2	S	37%						b	Clear and Hot
2	29.84	77.5	85	72				23	7	W	45%						"	" " "
3	29.83	78	90	70				23	7	"	50%						"	" " "
4	29.82	76	88	70				24	4	"	42%						"	" " "
5	29.82	75	89	73				23	5	"	35%						"	" " "
6	29.83	80	95	74				25	9	"	30%	6.37 AM	Tremor				"	" " "
7	29.87	73	85	67	.02			13	3	S	37%						cro	Cloudy " Rainy
8	29.95	69	83	67				15	2	"	53%						b	Clear " Hot
9	29.97	72.5	89	70				20	5	"	57%						"	" " "
10	29.90	75	90	72				7	2	"	65%						"	" " "
11	29.95	72	85	67				17	5	N	52%						"	" " "
12	29.96	73	90	68				24	3	W	55%						"	" " "
13	30.02	75	87	70				23	7	"	47%						"	" " "
14	29.90	77	90	73				17	3	"	35%						"	" " "
15	29.72	82	92	74	.03			21	7	"	57%						cro	Cloudy " Rainy
16	29.77	77	87	70				20	5	S	65%						b	Clear " Hot
17	29.93	75	88	70				13	5	"	50%						"	" " "
18	30.07	76.5	90	73				15	2	"	38%						"	" " "
19	30.05	79	95	75				23	7	N	35%						"	" " "
20	29.95	78	94	72				21	5	W	30%						"	" " "
21	29.84	81	97	79				10	3	"	37%						"	" " "
22	29.95	80	95	77				27	3	N	30%						"	" " "
23	29.98	82	97	76				30	7	"	27%						"	" " "
24	29.97	81	95	75				18	5	"	30%						"	" " "
25	29.78	80	97	77				13	2	S	37%						"	" " "
26	29.82	80.5	93	78				17	5	E	35%						"	" " "
27	29.85	83	92	73				22	5	W	27%	4.37 P.M.	Tremor				"	" " "
28	29.87	83	90	70				23	8	"	32%						"	" " "
29	29.93	74	87	72				22	5	"	38%						"	" " "
30	29.90	77	93	75				20	5	E	25%						"	" " "
31	29.87	80	95	77				24	7	"	30%						"	" " "
Totals	926.68	2397	2818	2249	.05						1263							
Averages	29.89	79.2	90	72							40%							

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

		1910	Day	1909
Barometer	Max.	30.07	18	30.04
"	Min.	29.72	15	29.75
"	Average	29.89	–	29.89
Thermometer	Max.	97	21	102
"	Min.	67	7	67
"	Average	81	–	84.5
Rainfall in inches		.05	–	–
" "	(Highest daily)	.03	15	–
No of Earthquakes Tremors etc.		2	–	22
Wind Velocity. Max.		30	23	28

Directions

N.	5
N. E.	
E.	3
S. E.	
S.	9
S. W.	
W.	14
N. W.	

Prevailing Winds South & West

SPECIAL REMARKS

S. L. CALDWELL B.Sc. E.E

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Aug 10

OBSERVER H. Schlaepfer

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during August 1910

Hour of Observation 8 A. M.

Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 15″ 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	29.87	79	98	77		.05		20	3	W	27%						6	Clear and Hot
2	29.89	80	99	75			.15	20	8	"	25%						"	" " "
3	29.89	80	93	75				18	5	S	30%						"	" " "
4	29.88	84	102	80				17	3	"	20%	2.15 P.M. 10.17 "	Shock/electrical connection interrupted Tremor				"	" " "
5	29.84	82.5	100	75				18	5	E	27%						"	" " "
6	29.80	82	97	78				10	3	"	25%						"	" " "
7	29.78	79	99	70				12	2	"	20%	10.37 P.M.	Shock				"	" " "
8	29.75	78.5	95	75				19	4	N	23%	4.20 A.M.	"				"	" " "
9	29.92	73.5	90	72				25	7	"	30%						"	" " "
10	29.95	75	92	70				13	3	"	25%						"	" " "
11	29.88	79	90	77				17	2	E	17%						"	" " "
12	29.94	83	102	78				15	3	"	15%	10.59 A.M.	Shock				"	" " "
13	30.03	80	95	75				15	5	"	20%	7.33 P.M. 7.40 "	" "				"	" " "
14	29.82	78	90	73				20	7	"	20%						"	" " "
15	29.95	79	91	75				20	7	"	25%						"	" " "
16	30.15	77	92	73				18	8	"	23%	6.35 P.M.	Tremor				"	" " "
17	30.12	75.5	90	72				23	9	"	27%	4.45 "	Tremor				"	" " "
18	29.98	76	95	71				17	5	W	32%	1.7 "	"				"	" " "
19	30.01	81	94	73				23	3	"	18%						"	" " "
20	30.07	80	93	73				25	7	N.	18%						"	" " "
21	30.10	82	97	75				18	5	"	25%	7.50 P.M.	Tremor				"	" " "
22	30.06	85	100	80				23	7	"	30%						"	" " "
23	29.98	80.5	97	77				13	3	"	27%						"	" " "
24	29.87	77	90	72				15	4	S	32%						"	" " "
25	29.82	76	88	72				17	5	W	35%						"	" " "
26	29.94	78	95	75				25	3	E	37%						"	" " "
27	29.93	75	90	72				25	10	"	32%						"	" " "
28	29.95	73.5	90	70				20	5	W	35%						"	" " "
29	30.–	75	87	75				17	7	"	30%						"	" " "
30	30.03	82	85	70				19	6	"	45%						"	" " "
31	30.00	77	95	73				20	3	N	37%						"	" " "
Totals	928.20	2443.0	2911	2298	–	.05	.15				829							
Averages	29.94	78.8	93	74							26%							

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

		1910	Day	1909
Barometer	Max.	30.15	16	30.10
"	Min.	29.75	8	29.82
"	Average	29.94	–	29.96
Thermometer	Max.	102	4	100
"	Min.	70	7	68
"	Average	83.5	–	84
Rainfall in inches		–	–	.15
" "	(Highest daily)	–	–	.15
No of Earthquakes Tremors etc.		11	–	7
Wind Velocity. Max.		25	9	33

Directions	
N.	8
N. E.	
E.	12
S. E.	
S.	3
S. W.	
W.	8
N. W.	

Prevailing Winds E. N & W.

SPECIAL REMARKS

S. L. CALDWELL, B.Sc. E.E

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Sept 10

OBSERVER H. Cohilandjian

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during *September* **1910**

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 25′ 15″ N.**

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

Height of Thermometers above the ground:-Max. 3¾ **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	29.90	76	93	70		.05	.15	13	3	W	35%						6	Clear and Hot
2	29.85	75	87	68				10	3	"	42%						4	" " "
3	29.92	72	95	70				18	3	"	45%						4	" " "
4	30.–	75	90	72				18	5	"	47%						4	" " "
5	29.95	70	87	70				13	3	"	50%						4	" " "
6	29.93	72	85	68				15	5	"	45%						4	" " "
7	29.90	78	84	67			.30	13	4	"	48%						4	" " "
8	29.90	73	85	68				14	3	"	50%						4	" " "
9	29.88	70	90	72				15	3	"	53%						4	" " "
10	29.93	78	87	72				22	5	NE	47%						4	" " "
11	29.90	76	85	70				13	3	"	40%						4	" " "
12	29.87	76	87	72				13	2	"	45%						4	" " "
13	29.94	78	89	72				17	5	"	53%						4	" " "
14	29.92	75	85	70				15	3	"	55%						4	" " "
15	30.09	73	83	68				12	3	"	50%						4	" " Cool
16	30.08	75	85	67				15	3	"	53%						4	" " "
17	30.07	80	87	67				10	2	W	50%						4	" " "
18	30.05	78	85	66				13	4	"	55%						4	" " "
19	30.08	75	88	68				25	5	"	58%						4	" " "
20	30.13	68	83	60				27	7	E	45%						4	" " "
21	30.–	68	87	60				17	5	"	50%	8 5 A.M.	Tremor				4	" " "
22	30.03	64.5	85	57				13	2	W	53%						4	" " "
23	30.02	69	83	65				10	3	"	57%						4	" " "
24	30.05	74	87	68				7	2	"	63%						4	" " "
25	30.13	73	87	67				12	3	NE	57%						4	" " "
26	30.25	71	86	65				13	3	"	52%						4	" " "
27	30.33	72	85	68				25	4	"	55%						4	" " "
28	30.20	68	87	67				23	5	W	57%						4	" " "
29	30.07	70	82	60			.87	7	3	"	63%						4	" " "
30	30.03	72	84	62				17	5	NE	67%						4	" " "
31																		
Totals	900.40	2194.5	2593	2016	–	.05	.87				1540							
Averages	30.01	73.15	86.4	67							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

		1910	Day	1909
Barometer	Max.	30.33	27	30.20
"	Min.	29.85	2	29.83
"	Average	30.07	–	30.07
Thermometer	Max.	95	3	95
"	Min.	57	22	60
"	Average	76.7	–	77.43
Rainfall in inches		–	–	.72
" "	(Highest daily)	–	–	.57
No of Earthquakes Tremors etc.		1	–	11
Wind Velocity. Max.		27	20	30

Directions

N.	11
N. E.	
E.	2
S. E.	
S.	
S. W.	
W.	17
N. W.	

Prevailing Winds *North by West*

SPECIAL REMARKS

J. L. Caldwell Rev. E.E.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Oct. 10

OBSERVER H. Cobelianchajian

14

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during October 1910

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

LIBRARY DEC 27 1910 Weather Bureau

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	30.05	68	85	65		.05		18	7	No	57%						b	Clear and Cool
2	30.03	67	87	64				13	5	"	53%						"	" " "
3	30.08	72	85	62			.42	27	7	"	58%						"	" " "
4	30.15	69	83	61			.01	17	5	"	50%						"	" " "
5	30.14	68	84	60			.70	14	3	"	54%						"	" " "
6	30.08	66	80	58				7	3	"	57%						"	" " "
7	30.20	68	78	60				7	3	W	62%						"	" " "
8	30.25	69	80	63				15	3	No	52%						"	" " "
9	30.23	72	82	60				13	2	"	54%						"	" " "
10	30.20	74	78	58				17	3	"	63%						"	" " "
11	30.15	69	78	63				7	2	E	58%						"	" " "
12	30.20	71.5	90	65				7	2	"	65%						"	" " "
13	30.32	69	85	63			.50	10	3	"	57%						"	" " "
14	30.27	67	83	62				10	3	W	65%						"	" " "
15	30.02	68	75	63			.13	10	4	"	70%						"	" " "
16	30.07	63	67	57	.25	.30	.10	34	10	No	75%						one	Cloudy " Rain
17	30.05	62	65	54				25	7	"	70%						b	Clear " Cool
18	29.98	60	62	52				18	5	"	75%						"	" " "
19	30.02	58	65	47				13	3	E	70%	6.37 P.M.	Tremor				"	" " "
20	30.05	59	67	50				7	2	"	63%						"	" " "
21	29.97	61	72	57				10	3	S	65%						"	" " "
22	30.02	63	73	54				7	1	"	57%	5.52 A.M.	"				"	" " "
23	29.93	66	78	63				15	3	"	72%						"	" " "
24	30.12	65	75	50	.02	.32		13	5	W	75%	4.32 A.M.	"				cro	Cloudy " Rainy
25	30.13	65	72	52				7	2	"	75%	5.37 P.M.	"				b	Clear " Cool
26	30.12	66	78	57				10	3	"	70%	9.15 A.M.	"				"	" " "
27	30.13	65	72	58				17	3	N	65%						"	" " "
28	30.15	64	73	56				20	5	"	70%	7.42 A.M.	"				"	" " "
29	30.17	61	70	55				27	8	"	62%						"	" " "
30	30.18	59.5	67	47				20	8	"	60%						"	" " "
31	30.13	59	65	46				10	2	"	63%						"	" " "
Totals	933.60	2034	2354	1782	.27	.67	1.86				1962							
Averages	30.11	65.6	75	57							63%							

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

		1910	Day	1909
Barometer	Max.	30.32	13	30.17
"	Min.	29.93	23	29.85
"	Average	30.11	—	30.04
Thermometer	Max.	90	12	83
"	Min.	46	31	49
"	Average	66	—	67.39
Rainfall in inches		.27	—	1.86
" "	(Highest daily)	.25	16	.70
No of Earthquakes Tremors etc.		6	—	10
Wind Velocity. Max.		34	16	18

Directions

N.	17
N. E.	
E.	5
S. E.	
S.	3
S. W.	
W.	6
N. W.	

Prevailing Winds North.

SPECIAL REMARKS

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

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Nov. 10

OBSERVER H. Tchilinkdjian

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during November 1910

Hour of Observation 8 A. M. **Longitude 17° 9′ E of Greenwich - Latitude 38° 26′ 15″ N.**

LIBRARY DEC 27 1910 Weather Bureau

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. Symbol	REMARKS
1	30.03	63	75	62		.32		17	2	S	72 %						b	clear and cool
2	29.95	69	78	65				25	7	"	67 %						"	" " "
3	29.87	70	80	67				27	7	"	73 %						"	" " "
4	29.92	71	78	66	.05	.37		34	10	"	75 %						cro	cloudy " Rainy
5	30.03	69	80	62			.07	17	2	"	70 %						b	clear " cool
6	30.05	68	82	60			.97	17	5	N.	65 %						"	" " "
7	29.87	69	78	64			1.14	27	8	"	70 %						"	" " "
8	30.15	68	77	55	1.05	1.42	.24	32	13	S	78 %						ore	cloudy " Rain
9	30.30	65	70	53			.08	13	3	W	80 %						b	clear " cool
10	30.13	63	73	47				15	5	N.	85 %						"	" " "
11	29.93	57	73	52				17	2	S	87 %	5.37 A.M.	Tremor				"	" " "
12	29.67	63	75	55	.68	2.10		22	5	"	93 %						ore	cloudy " Rain
13	29.73	60	65	52	.20	2.30	.62	25	2	W	85 %						"	" " "
14	30.23	54	57	40				28	9	N	78 %						b	clear " cool
15	30.20	52	58	37			.01	8	1	S	75 %						"	" " "
16	30.13	52.5	65	45			.17	20	3	"	70 %						"	" " "
17	30.03	61	70	60	.02	2.32	.12	35	10	"	75 %						cro	cloudy " Rainy
18	30.13	60	72	50	.85	3.17		25	2	"	73 %						ore	cloudy " Rain
19	30.15	57	73	48			.12	15	3	"	70 %						b	clear " cool
20	29.85	61	68	61	.13	3.30	.50	35	5	"	65 %						bro	cloudy " Rain
21	30.08	58	67	45	.57	3.87	.05	16	3	"	72 %						ore	" " "
22	30.10	57	65	45			.01	5	2	"	75 %						b	clear " cool
23	29.80	59	67	59	.36	4.23	.20	30	3	"	85 %						ore	cloudy " Rain
24	29.87	57	62	50	.95	5.18	.75	10	2	W	87 %						"	" " "
25	29.97	53	57	41			.12	15	5	N.	70 %						b	clear " cool
26	30.27	50	53	38			.03	17	5	"	69 %						"	" " "
27	30.13	48	52	37				10	5	"	65 %	7.5 A.M.	Tremor				"	" " "
28	30.05	49	50	45	.05	5.23	.20	17	3	"	72 %	5.10	"				cro	cloudy " Rainy
29	30.12	50	55	41	.02	5.25	.37	17	7	N.E.	75 %						b	clear " cool
30	30.10	51	60	43			.97	13	5	N.	70 %						"	" " "
31																		
Totals	900.84	1785.5	2032	1545	4.93	5.25	6.74				2244							
Averages	30.02	59.5	64	51							74 %							

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

		1910	Day	1909
Barometer	Max.	30.30	9	30.32
"	Min.	29.67	12	29.57
"	Average	30.02	—	29.93
Thermometer	Max.	82	6	80
"	Min.	37	15	37
"	Average	59	—	60.69
Rainfall in inches		4.93	—	6.74
" " (Highest daily)		1.05	8	1.14
No of Earthquakes Tremors etc.		3	—	14
Wind Velocity. Max.		35	17	40

Directions

N.	9
N. E.	1
E.	
S. E.	
S.	17
S. W.	
W.	3
N. W.	

Prevailing Winds North + South

SPECIAL REMARKS

A. L. Cardwell B.A. E.E.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Dec 10

OBSERVER H. Tchakerian

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE SMYRNA, TURKEY during December 1910

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 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	53.-	62	42		5.25		10	3	N.	73%						b	clear and cool
2	30.05	52.-	57	37				10	2	"	70%						"	" " "
3	29.83	53	63	50	.40	5.65		10	0	S	75%						cro	cloudy " Rain
4	30.05	53	57	47	.07	5.72		20	5	N	83%						cro	" " Rainy
5	30.23	52	56	43				20	7	"	78%						b	clear " cool
6	30.30	52	60	45				15	5	N.E	70%						"	" " "
7	30.25	51	53	42				13	1	"	75%						"	" " "
8	30.20	52	59	39				7	0	N	72%						"	" " "
9	30.17	53	62	42				5	2	"	70%						"	" " "
10	30.18	54	67	43			.06	7	2	"	75%						"	" " "
11	30.13	55	67	47			.14	10	2	S	78%						"	" " "
12	30.23	55	72	45			.05	7	2	"	67%						"	" " "
13	30.24	57	65	43			.82	7	1	"	65%						"	" " "
14	30.23	58	70	47			.03	10	2	"	72%						"	" " "
15	30.15	56	62	48			1"	17	3	"	75%	5.30 A.M.	Tremor				"	" " "
16	30.-	57	63	52				7	1	"	70%						"	" " "
17	30.02	57.5	60	53	.15	5.87		13	1	"	75%						cro	cloudy " Rainy
18	30.15	58	65	52	.05	5.92		13	4	"	85%						"	" " "
19	30.15	57	67	48				0	0	"	87%						b	clear " cool
20	30.25	58	70	45				10	3	"	80%						"	" " "
21	30.25	57	67	52				10	0	"	73%						"	" " "
22	30.17	58	62	50	.98	6.90		20	2	"	82%						cro	cloudy " Rain
23	30.12	54	57	43	.30	7.20		18	7	"	90%						"	" " "
24	29.93	52	50	45	.25	7.45		10	2	"	93%						"	" " "
25	29.75	50	47	42	.30	7.75		12	2	"	95%						"	" " "
26	29.72	48	62	41				9	3	"	92%						b	clear " cool
27	29.82	47	61	42	.03	7.78		23	5	"	93%						cro	cloudy " Rainy
28	29.92	56	60	50	.20	7.98		20	6	"	95%						cro	" " Rain
29	30.10	50	57	47	.10	8.08		20	7	"	90%						"	" " Rainy
30	30.13	55	65	47				7	2	"	87%						b	clear " cool
31	29.93	57	67	48	.20	8.28	.08	17	3	"	92%						cro	cloudy " Rain
Totals	932.72	1677.5	1912	1417	3.03	8.28	1.18				2477							
Averages	30.08	54.1	63	45.7							79%							

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

		1910	Day	1909
Barometer	Max.	30.30	6	30.24
"	Min.	29.72	26	29.70
"	Average	30.08	–	30.03
Thermometer	Max.	72	12	74
"	Min.	37	2	39
"	Average	54	–	57
Rainfall in inches		3.03	–	1.18
" "	(Highest daily)	.98	22	.82
No of Earthquakes Tremors etc.		1	–	15
Wind Velocity. Max.		23	27	27

Directions	
N.	7
N. E.	2
E.	
S. E.	
S.	22
S. W.	
W.	
N. W.	

Prevailing Winds South.

SPECIAL REMARKS

L. L. Caldwell B.S.

SECRETARY

FEB 10 1911
Weather Bureau