METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

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M4
1929

OBSERVER Mitat Riza

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

July 3,1935.

International College,
Smyrna,Turkey.

Meteorological observations at International College,Smyrna,Turkey.
1930,June,Aug.,Oct.
1931,Feb.,Mar.,Apr.,Aug.,Sept.
1932,Apr.,Oct.
1933,Jan.,Apr.,May,June,July,Sept.,Octo,Nov.
1934,Feb.,Mar.,Apr.,May,June,July,Aug.,Sept.,Octo,Nov.,Dec.
1935 all issued to date.

1053

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İZMİR INTERNAŞONAL KOLEC
INTERNATIONAL COLLEGE
IZMIR, TURKEY

TELEGRAPH: ADDRESS KOLEC-IZMIR
TELEFON 3606

July 17,1935

Librarian
The Library
Weather Bureau
Department of Agriculture
Washington, D. C.

Dear Sir

I have your communication of July 3rd asking reports of Meteorlogical Observations for several months over the period 1930 - 1935.

Permit me to say that this institution has been closed since a year ago. My position,I may say, is that of representative of the Trustees until the property is disposed of.

After examining your list of months I gather that no reports were taken here after January 1934. But ~~whether~~ if they were ~~or not~~ I fear I cannot supply you with these reports nor of any prior to the date January 1934. The fact is that during the past year everything that had not some intrinsic value has been destroyed. Otherwise it would have been refuse in the community. No doubt all of our meteorological reports were in the destroyed papers,as I have nothing of the kind on hand.

Yours very truly
Harrison A. Maynard
Harrison A. Maynard

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** January **19** 29

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 300 feet, above the ground 85 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	59	61.5			21.93			2	SE	84							
2	30.01	59	63.5						3	"	87							Earthquakes: 1:12, 1:35 P.M. Tremors
3	" .03	59	65						1	"	81							
4	29.90	56	63.5						2	"	84							
5	" .80	55	61.5						1	"	87							
6	" .70	55	58		0.18	22.11			1	"	94							
7	" .75	53	54						4	NE.	77							
8	" .78	53.5	46						4	E	64							
9	" .91	56	46.5						6	N.E	84							
10	30.01	59	49.5						3	"	72							
11	" .09	56	43						9	"	72							
12	" .10	56	42						1	"	—							
13	29.80	52	42						2	SE	—							
14	" .88	53	40						—	—	—							Frost
15	" .84	56	44						1	SE	64							
16	" .55	59	54		0.80	22.91			1	S	100							
17	" .50	61	54		3.15	26.06			2	"	100							
18	" .93	62	62		0.90	26.96			3	"	94							
19	30.20	59.5	49						—	—	89							Frost
20	" .09	60	43						1	N	—							"
21	" .07	61	47						2	"	89							
22	" .18	59	39						2	NE	—							"
23	" .15	55	40						—	—	—							" fog
24	" .04	56	34						—	—	—							"
25	29.83	55	39						—	—	—							"
26	" .89	59	45						2	SW	92							Earthquake. 6:15 A.M. tremors
27	" .83	61	61		0.82	27.78			2	"	95							
28	" .89	61	53		0.43	28.21			1	S	78							" 6:10 Bry "
29	" .59	62	54		0.60	28.81			1	"	100							
30	" .91	64	59		0.93	29.94			—	—	92							
31	" .91	61	49						6	NE	64							" 2.50 A.M. Sharp shock
Totals	926.46	1789	1510		7.81	29.74			54		1924							
Averages	29.82	57.79	50.04						2.00		82.52							

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

		19	Day	19
Barometer	Max.	30.20	19th	
"	Min	29.50	11th	
"	Average			
Thermometer	Max.			
"	Min.			
"	Average			
Rainfall in inches		29.74		
" "	(Highest daily)	3.15	19th	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	2
N. E.	7
E.	1
S. E.	8
S.	5
S. W.	2
W.	
N. W.	

Prevailing Winds S.E

Vitar Riza

for the **SECRETARY**

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** February **19** 29

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 212 feet, above the ground — 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.	Beaufort Average ~~11-12 A.M.~~ 8 AM.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols 8 A.M.	REMARKS
1	29.55	61	45	35		29.74			6	N	59						lc	7 cu. N.
2	11.59	58	35	20					5	NE							lc	6 ci. NE.
3	11.47	55	34	22					4	NE							0	4 cu. NE
4	11.75	56	38	27					—	—							lc	5 ci.
5	11.85	57	39	28					—	—							lc	6 ci.
6	11.97	55	39	25					—	—		9:45 P.M	sharp	shock			lc	7 ci.
7	11.99	58	40	25					—	—							l	7 ci.
8	11.95	57	40	26					2	NE							lc	7 cu. NE
9	11.89	56	42	18					2	NE							l	
10	11.93	58	32	19½					1	SW							lc	7 cu. S.W.
11	11.90	56	44	30					2	SW	82						0	10 cu. S.W.
12	11.79	58	43	34	0.94	30.68			1	S	94						0R	10 nim. S.
13	11.63	58	56	39	2.	32.68			2	S	36	2:50 A.M	sharp	shock			lc	5 ci.
14	11.69	58	50	38	.156	32.836			1	S	81						lc	2. ci.
15	.55	57	55	40					2	S	71						0	7 cu. S.
16	.62	58	50	38	1.	33.836			2	S	79						lc	8 ci.
17	.68	55	43	32	.062	33.898			—	—	86						c	5 ci.
18	.55	55	62	38	.25	34.148			—	—	94						lc	8 cu.
19	11.76	58	61	40					2	E	86						lc	8 cu. E
20	.87	57½	47	31					2	NE	81						lc	1 ci. NE
21	11.82	57	47	31					3	NE							lc	2 ci. NE
22	11.67	55	46	29					6	NE							c	10 nim. NE showing.
23	11.64	55	35	30					2	NE							lc	4 ci. NE
24	.83	56	45	30					—	—	5						l	
25	.92	56	49	30					—	—	59						l	Solar Halo
26	.97	58	58	36					2	S	75						0	10 cu. S.
27	.83	59	61	46					—	—	79						0	10 cu.
28	.47	60	63	42					—	—	85						0	10 cu. S.
29																		
30																		
31																		
Totals					3.562	34.148			50			2						
Averages																		

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

		1929	Day	19
Barometer	Max.	29.99	7th	
"	Min.	29.47	3rd, 28th	
"	Average	29.74		
Thermometer	Max.	64	1st	
"	Min.	35		
"	Average	57		
Rainfall in inches		3.562		
" "	(Highest daily)	2	13th	
No of Earthquakes Tremors etc.		2	6th, 13th	
Wind Velocity, Max				

Directions

N.	1
N. E.	8
E.	1
S. E.	—
S.	6
S. W.	2
W.	—
N. W.	—

Prevailing Winds North East.

[illegible]

[illegible]

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER [illegible]

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** March **19** 29

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 212 feet, above the ground — 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.~~ 8 A.M.	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols 8 A.M.	REMARKS
1	29.64	59	64	44		33.15			1	S	87						0	
2	11.85	58	63	44	1.37	34.52			3	NE	95						0	
3	11.92	61	46	31					2	NE							bc	
4	11.30	58	40	27					1	NE							b	
5	11.84	58	43	29					1	SE							bc	
6	11.53	58	55	35	.55	35.07			—	—	100						0	
7	11.56	59	54	44	3.45	38.52			—	—	93						0	
8	11.86	57	47	35					2	NW	95						0	
9	30.[illegible]	53	41	28					2	N							b	
10	29.8[illegible]	51	47	29					2	S	93						0	
11	11.97	51	51	28					—	—	84						b	
12	11.90	53	62	29	.40	38.92			—	—	100						0r	
13	11.90	52	58	28					3	NE	79						bc	
14	11.77	51	63	32					1	NW	93						b	
15	11.89	52	63	37					2	NW	71						b	
16	11.83	51	64	30					—	—	84						b	
17	30.07	51	60	29					2	E	46						bc	
18	29.93	50	50	34					1	NE	74						b	
19	30.01	55	56	37					1	NE	37						b	
20	11.06	55	58	40					2	NE	48						b	
21	11.09	59	58	36					1	NE	61						b	
22	11.09	56	55	35					1	NE	68						b	
23	11.07	55	57	35					—	—	75						b	
24	11.06	57	57	39					2	W	65						b	
25	11.03	58	53	35					—	—	68						b	
26	11.07	55	58	38					—	—	77						b	
27	29.97	54	61	40					—	—	99						0	
28	11.85	56	65	41					—	—	72						0	shower in the morning
29	11.75	56	62	45					3	NW	73						bc	Earthquake 11:45 H.M. sharp shock
30	11.77	56	63	45					1	S	69						bc	
31	11.77	56	62	42					1	S	73						0	shower in the morning
Totals	926.83	1711	1736	1111	5.77	38.92			35		2289							
Averages	29.90	55.1	56	35.84							71.75							

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

		19	Day	19
Barometer	Max.	30.09	22nd	
"	Min.	29.53	6th	
"	Average	29.90		
Thermometer	Max.	61	3rd	
"	Min.	50	18th	
"	Average	55.1		
Rainfall in inches		5.77		
" "	(Highest daily)	3.45	7th	
No of Earthquakes		1	29th	
Tremors etc.				
Wind Velocity, Max.		3		

Directions

N.	1
N. E.	9
E.	1
S. E.	1
S.	4
S. W.	—
W.	1
N. W.	4

Prevailing Winds North East

Mirat Riza

For the **SECRETARY**

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Allitat Riza.

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** April **19** 29

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 300 feet, above the ground 88 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	29.79	57	64	41		38.92					86							
2	" .75	56	63	42							78							
3	" .77	58	72	58							69							
4	" .50	60	70	57							69							
5	.48	61	68	56							70							shower during the night
6	.70	62	67	44	0.24	39.16					86							
7	.55	60	65	50							53							
8	.77	61	55	43	1.81	39.97					85							
9	.98	60	57	59							65							
10	.98	59	64	57							65							
11	.93	58	64	44							94							
12	.94	59	55	43							94							
13	.78	58	67	45							66							
14	.75	59	65	47							69							
15	.70	59	68	47							60							
16	.72	55	73	43							70							
17	.60	61	70	52							52							
18	.90	62	54	42	.06	40.03					65							
19	.90	60	54	36							52							
20	.81	59	64	37							69							
21	.73	50	64	35							52							earthquake H.M 11:55
22	.71	53	72	39							74							
23	.75	59	70	53							67							
24	.75	63	76	59							49							
25	.69	70	75	56							63							
26	.85	70	71	53							67							shower in the morning
27	.88	68	76	49							83							
28	.98	66	78	54							46							
29	.60	68	82	60							22							
30	.88	67	81	57							63							
31																		
Totals	892.97	1818	2034	1418	2.11	40.03					1933							
Averages	29.76	66.00	67.80	47.06							64.43							

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

		19	Day	19
Barometer	Max.	29.98	9,16	
"	Min.	29.48	5	
"	Average	29.76		
Thermometer	Max.	70	26,25	
"	Min.	50		
"	Average	~~66~~		
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes			2	
Tremors etc.				
Wind Velocity, Max		6	4	

Directions

N.	1
N. E.	4
E.	–
S. E.	3
S.	10
S. W.	1
W.	
N. W.	

Prevailing Winds S

Ali Fat Riza

For the **SECRETARY**

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mitat Riza

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** May **1929**

Hour of Observation 8 A. M. **Longitude 17° 9'E of Greenwich-Latitude 33° 26'10"N.**

Height of cistern of Barometer above sea level 240 feet

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

Height of rim of Rain Gauge, above mean sea level 212 feet, above the ground — 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.	Beaufort ~~Average~~ scale	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	69	87	56					—	—	50							
2	" .81	67	95	67					—	—	59							
3	" .82	77	83	70					2	S	34							
4	" .97	76	83	67					1	S	44							
5	" .90	72	79	64					—	—	58							rain drops.
6	" .92	70	81	62					1	NW	62							
7	" .83	71	73	61					1	NW	57							
8	" .79	68	82	63					1	NW	67							
9	" .78	72	84	64					1	NW	57							
10	" .78	76	83	53					1	NW	58							
11	" .77	72	73	63					—		58							rain drops
12	" .72	72	84	62					—	—	72							
13	" .63	73	90	63					—	—	57							
14	" .69	72	76	62					2	SE	67							
15	" .59	68	73	60	0.43				2	S	95							
16	" .63	65	72	61	0.14	41.60			3	S	75							
17	" .68	65	74	62					2	S	72							
18	" .72	67	73	63					1	S	54							
19	" .74	68	84	54					—	—	57							
20	" .71	70	90	52					—	—	50							
21	" .68	74	84	64					—	—	85							
22	" .67	72	84	63					—	—	58							
23	" .69	74	82	64					—	—	66							
24	" .63	73	82	62					1	NW	62							
25	" .68	71	82	59					—	—	72							
26	" .69	71	78	61					2	NW	55							
27	" .60	70	79	62					1	NW	59							
28	" .61	73	77	60					1	N	68							
29	" .62	72	76	61					1	N	72							
30	" .57	74	78	62					1	N	63							
31	" .64	73	81	63					2	W	64							
Totals	921.46	2201	2502	1933	0.57	41.60					1897							
Averages	29.72	71.20	80.71	59.13							61.20							

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

		19	Day	19
Barometer	Max.	29.97	4th	
"	Min.	29.57	30th	
"	Average	29.72		
Thermometer	Max.	77		
"	Min.	65	16, 17th	
"	Average	~~71.20~~		
Rainfall in inches		0.57		
" "	(Highest daily)	0.43	15th	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N. 3
N. E.
E.
S. E. 1
S. 6
S. W.
W. 1
N. W. 8

Prevailing Winds NW.

Aliat - Riza -

For the **SECRETARY**

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Wm Fowler, MA, BSc.
FRCAR

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** June 1929

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 feet

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

Height of rim of Rain Gauge, above mean sea level feet, above the ground 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 (F)	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.69	72	83	59					1	W	73							
2	" 79	70	81	57							77							7 Cu – Ci a
3	" 90	72	82	61							65							
4	" 87	73	87	53							68							
5	" 75	74	86	52							69							8 Ci
6	" 53	74	78	58							66							10 Cu. S
7	" 63	72	84	55							64							
8	" 81	73	86	62							69							
9	" 87	72	90	66					2	N	51							
10	" 75	76	92	66					2	"	69							
11	" 80	77	88	66					1	"	71							
12	" 85	77	85	66					2	NW	62							Earthquake, P.M. 10.30
13	" 99	70	87	60					3	"	32							
14	" 85	75	85	65					2	"	68							
15	" 85	73	87	60							73							
16	" 83	75	90	60							52							
17	" 85	76	90	59							61							
18	" 80	76	87	60							61							
19	" 83	76	87	65							74							
20	" 91	77	88	64							71							
21	" 86	73	85	64							71							
22	" 79	75	83	59							61							
23	" 70	77	88	65							83							
24	" 78	77	88	66							75							
25	" 67	76	85	62							75							
26	" 65	76	85	61							76							Earthquake, A.M. 5.20
27	" 84	77	89	63							83							
28	" 75	78	93	67					1	SW	84							
29	" 67	79	98	64							83							Slight earthquake, A.M. 6.10
30	" 73	81	90	71					3	N	92							
31																		
Totals	893.61	4249	2607	1856							2079							
Averages	29.75	74.29	86.9	61.86							69.3							

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

		19	Day	19
Barometer	Max.			
"	Min.			
"	Average			
Thermometer	Max.			
"	Min.			
"	Average			
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	4
N. E.	
E.	
S. E.	
S.	
S. W.	1
W.	1
N. W.	3

Prevailing Winds NW

SPECIAL REMARKS

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Wm Fowler, MA, BSc
Year.

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** July **1929**

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 88 feet, above the ground 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 ~~4.19 A.M.~~ 8 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	75	84	65					—	—	82							
2	" 73	75	85	64					1	W	66							
3	" 80	80	88	63					1	N E	76							
4	" 87	81	90	75					3	N W	84							
5	" 88	82	90	70					2	N	84							
6	" 90	83	93	77					1	N W	61							
7	" 73	85	93	74					—	—	62							
8	" 64	81	96	66					3	S W	63							
9	" 69	86	98	68					2	W	63							
10	" 62	80	96	63					3	N	76							
11	" 78	79	96	70					"	"	74							
12	" 71	78	84	68					2	N W	74							
13	" 75	81	86	64					2	W	66							
14	" 81	77	87	68					3	N W	66							
15	" 73	80	85	69					2	E	54							
16	" 74	77	89	69					2	N E	83							
17	" 76	76	87	69					2	N	66							
18	" 78	79	87	70					1	"	83							
19	" 78	81	92	71					"	"	76							
20	" 80	83	95	76					3	"	77							
21	" 82	81	92	71					2	"	74							
22	" 84	79	90	65					"	"	74							
23	" 81	80	88	66					1	"	83							
24	" 74	82	89	73					—	—	67							
25	" 71	76	90	61					1	N	74							
26	" 75	82	87	58					—	—	74							
27	" 81	78	89	59					—	—	74							
28	" 73	84	93	63					1	N W	76							
29	" 64	80	96	70					—	—	68							
30	" 68	81	91	68					—	—	76							
31	" 72	84	89	67					—	—	61							
Totals	922.48	2486	2789	2100							2237							
Averages	29.75	80.2	89.99	67.74							72.1							

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

		19	Day	19
Barometer	Max.			
"	Min.			
"	Average			
Thermometer	Max.			
"	Min.			
"	Average			
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	11
N. E.	2
E.	1
S. E.	
S.	
S. W.	1
W.	2
N. W.	5

Prevailing Winds N

SPECIAL REMARKS

Wm Fowler MA, BSc.
& CAR

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER.....

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** August **19** 29

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 88 feet, above the ground 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.~~ 8	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	82	93	71					1	N	76							
2	72	85	95	68						—	74							
3	70	79	92	61						—	83							
4	71	84	91	66						—	84							Earthquake 4,15 A.M.
5	64	78	94	60						—	74							Δ
6	68	80	92	68					2	NW	62							
7	59	83	94	69					1	N	69							
8	59	83	93	65						—	67							Earthquake 5,30 A.M.
9	65	80	95	69						—	76							
10	71	81	92	68						—	68							
11	68	83	91	71						—	62							8 Ci
12	68	84	95	74					2	N	68							
13	78	85	94	75					1	"	49							Y
14	76	84	93	74					1	"	69							
15	66	84	96	75						—	69							
16	63	86	94	76					1	NW	63							Oz Rain .83 in.
17	71	88	95	74						—	61							
18	68	86	92	74					1	N	63							
19	63	84	94	71						—	48							Y
20	68	83	95	73						—	54							"
21	71	84	95	73						—	62							
22	65	84	95	74						—	77							
23	59	79	94	66						—	75							
24	63	79	94	66						—	59							Y
25	77	75	91	64						—	74							
26	77	79	87	66						—	83							
27	74	72	87	62						—	81							Δ
28	72	79	87	66					2	NW	91							Δ
29	67	81	89	70					1	"	91							
30	68	82	91	72							76							Δ
31	71	78	84	62					1	NW	83							Earthquake 9.10 & 10,40 P.M.
Totals	920.22	2534	2869	2149							2190							
Averages	29.68	81.7	92.5	69.1														

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

		19	Day	19
Barometer	Max.			
"	Min.			
"	Average			
Thermometer	Max.			
"	Min.			
"	Average			
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	6
N. E.	
E.	
S. E.	
S.	
S. W.	
W.	
N. W.	

Prevailing Winds

SPECIAL REMARKS

SECRETARY

Sept. 1921

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER H. [illegible]

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** September 1929

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 88 feet, above the ground 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 ~~11-11 A.M.~~ 8	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29 71	77	88	67						–	91							0
2	" 67	80	87	69					1	e	97							8 cu
3	" 69	76	81	68						–	91							3 ci
4	" 74	74	87	66						–	82							
5	" 81	75	85	64					2	W	91							8 cu
6	" 76	79	87	67					3	S	80							8 cu Rain 1 in.
7	" 69	73	87	64						-	100							10 cu
8	" 68	76	85	66					2	1	82							0
9	" 83	72	80	65							69							0
10	" 85	74	82	66					1	W	70							0
11	" 95	71	78	53					2	W	74							0
12	" 94	74	84	63					1	n.e.	73							
13	" 92	72	87	65					3	1	54						y	
14	" 72	86	82	60					2	W	100							
15	" 70	84	80	53						–	90							7 cu
16	" 85	73	78	57						–	89							
17	" 81	74	76	61					2	1	72							
18	" 76	74	81	64						–	72							10 cu nb
19	" 79	74	80	63						–	100							10 cu nb Rain .25 in.
20	" 95	73	76	57					1	1	79							
21	" 85	72	75	51					2	1	100							
22	" 77	73	74	48						–	88							
23	" 75	74	80	59						–	64							6 ci
24	" 60	72	80	62					3	1	49						y	
25	" 74	72	75	58					1	1	53						y	4 ci
26	" 85	72	73	60					2	n.e.	69							9 ci
27	" 82	70	69	56					2	1	78							7 ci
28	" 82	68	66	56					2	1	78							6 ci
29	85	68	67	57						–	79							5 ci
30	" 87	66	68	55						–	88							5 ci
31																		
Totals	893.74	2218	2185	1820							2407							
Averages	29.79	74	79.4	60.6							80.2							

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

		19	Day	19
Barometer	Max.			
"	Min.			
"	Average			
Thermometer	Max.			
"	Min.			
"	Average			
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes				
Tremors etc.				
Wind Velocity, Max.				

Directions

N.	9
N. E.	2
E.	1
S. E.	
S.	1
S. W.	
W.	4
N. W.	

Prevailing Winds North

SPECIAL REMARKS

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER [illegible]

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** October **1929**

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 88 feet, above the ground 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 ~~11-11 A.M.~~ 8	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	66	88	56					—	—	79							4 ci
2	" .96	65	69	43					—	—	65							
3	30.03	65	71	42					—	—	81							⊥
4	" .06	66	73	45					—	—	69							⊥
5	29.95	67	78	47					—	—	65							
6	" .87	65	79	45					—	—	90							⊥
7	" .91	69	79	46					—	—	89							⊥
8	" .91	59	77	47					—	—	100							⊥
9	" .83	61	80	48					—	—	87							⊥ 6 ci
10	" .82	68	80	50					—	—	90							⊥
11	" .74	70	81	54					—	—	70							⊥
12	" .73	70	80	52					—	—	100							⊥ 3 ci 4 cu, mist in the early morning rain .45 in.
13	" .52	69	76	60					—	—	100							10 cu nb Rain .16 in.
14	" .48	68	72	54					—	—	89							4 cu nb " .18 in.
15	" .68	67	65	55					—	—	100							10 cu nb
16	" .78	68	70	55					2	N	89							4 cu nb
17	" .86	67	70	51					2	"	59							
18	" .93	67	70	51					1	"	100							⊥ mist in the early morning
19	" .93	57	65	49					—	—	100							⊥ " " " morning
20	" .91	59	71	45					—	—	100							⊥ " " " early morning
21	" .94	62	73	53					1	E	100							⊥ 4 cu
22	" .95	63	74	53					1	N	100							⊥ 6 ci
23	" .91	62	72	53					—	—	100							⊥ 4 cu
24	" .77	66	75	56					3	S	50							10 cu nb
25	" .73	68	50	63					2	"	90							3 cu
26	" .73	65	75	62					—	—	94							8 cu nb Rain .05 in.
27	" .76	66	73	53					3	S-E	55							1 cu, passing shower
28	" .82	69	79	60					—	—	90							3 ci 4 cu, ⊥
29	" .76	70	79	63					2	S.E	63							7 cu passing shower
30	" .67	65	82	60					—	—	59							6 cu
31	" .74	65	79	57					—	—	100							3 cu Rain .22 in.
Totals	924.63	2043	2341	1641							2762							
Averages	29.82	65.55	75.5	53							89.5							

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

		19	Day	19
Barometer	Max.	30.06	4	
"	Min.	29.48	16	
"	Average	29.82		
Thermometer	Max.	88	1	
"	Min.	42	3	
"	Average	64.2		
Rainfall in inches		1.02		
" "	(Highest daily)	.43	12	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	4
N.E.	—
E.	1
S.E.	2
S.	2
S.W.	—
W.	—
N.W.	—

Prevailing Winds South

SPECIAL REMARKS

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Halil [illegible]

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** November **1929**

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 2 4 2 feet

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

Height of rim of Rain Gauge, above mean sea level 8 8 feet, above the ground 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 ~~4 A.M.~~ 8	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.97	63	73	54					—	—	100							4 ci, heavy —
2	30.03	58	74	48					—	—	100							5 ci —
3	30.02	65	74	50					—	—	89							2 ci —
4	29.97	65	76	57					—	—	79							1 stratus
5	" .94	64	74	51					1	N	95							4 ci
6	" .93	63	70	54					—	—	88							4 stratus
7	" .84	63	67	54					—	—	100							10 ci nb
8	" .91	64	75	59					—	—	89							9 " " lightning, rain .05 in.
9	" .94	60	71	51					—	—	100							3 stratus, —, mist in the early morning
10	30.01	60	75	50					—	—	88							5 ci —
11	29.91	62	71	51					—	—	71							8 ci nb
12	" .81	62	74	53					—	—	89							3 ci nb, rain .18 in.
13	" .68	60	71	55					2	S	88							8 " " " .01 "
14	" .72	59	67	50					—	—	93							10 " " " .15 "
15	" .53	62	65	53					1	S	94							7 " " " .27 "
16	" .59	63	70	57					2	—	89							8 " " " .24 "
17	" .74	62	65	47					—	—	100							2 " " " .10 "
18	" .84	58	68	48					1	S	88							6 ci
19	" .84	61	69	52					2	=	88							10 ci nb
20	" .87	59	64	50					—	—	93							3 ci, rain .18 in.
21	" .85	63	73	50					—	—	100							9 ci, mist during the night.
22	" .86	62	65	49					2	N	88							3 ci, —
23	" .87	59	64	51					1	=	76							— earthquake 5 A. M.
24	" .87	58	63	49					1	=	92							—
25	" .88	55	61	46					—	—	86							—
26	" .87	53	60	43					—	—	92							2 ci —
27	" .83	55	60	44					1	N	86							heavy —
28	" .68	53	63	44					—	—	85							2 stratus —
29	" .70	56	61	44					2	N	60							2 ci —
30	" .78	57	58	44					1	=	92							3 stratus —
31																		
Totals	8452	1804	2041	1508							2664							
Averages	29.84	60.1	68	50.2							88.8							

SPECIAL REMARKS

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

		19	Day	19
Barometer	Max.	30.03	2	
"	Min.	29.53	15	
"	Average	29.84		
Thermometer	Max.	76	4	
"	Min.	43	6	
"	Average	59.1		
Rainfall in inches		1.1		
" "	(Highest daily)	.10	11	
No of Earthquakes Tremors etc.			23	
Wind Velocity, Max				

Directions

N.	1
N. E.	—
E.	—
S. E.	—
S.	5
S. W.	—
W.	—
N. W.	—

Prevailing Winds North

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Hakil [illegible]

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** December 1929

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 240 feet

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

Height of rim of Rain Gauge, above mean sea level 88 feet, above the ground 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.~~ 8	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.76	48	56	38					–	–	100							
2	" .85	49	58	38					–	–	100							2 stratus, ⌒
3	" .97	52	63	40					1	S	85							5 ci, 2 cu, ⌒
4	30.05	49	65	40					–	–	100							⌒, mist in the morning 8 A. M.
5	29.92	49	65	38					–	–	100							⌒
6	" .70	53	64	37					–	–	100							⌒, mist at 8 A. M.
7	" .82	47	62	34					–	–	100							⌒ " " "
8	" .86	45	60	33					–	–	92							⌒ " " "
9	" .82	52	60	34					1	↙	100							10 cu
10	" .76	61	57	34					1	e	100							7 ci, 1 cu, mist at 8 A. M. earthquake 6,4 A. M.
11	" .71	53	51	34					1	S	100							10 cu ⌒
12	" .75	56	58	42					1	↙	86							5 ci, 4 cu, ⌒
13	" .73	55	59	42					1	e	85							⌒ earthquake 12,10 A. M.
14	" .63	58	57	43					3	↙	73							7 ci
15	" .78	64	56	47					2	↙	73							7 cu nb
16	" .80	60	57	47					1	↙	73							
17	" .85	65	60	33					1	↙	95							⌒, mist at 8 A. M.
18	" .75	55	60	33					2	S	72							⌒, 3 cu nb
19	" .81	61	62	42	1.58	6.24			1	↙	87							10 cu nb
20	" .91	61	58	[illegible]	.55	6.79			1	↙	100							2 cu, 2 ci, ⌒, mist at night + 8 A. M.
21	" .74	59	59	40	.36	7.15			–	–	100							10 cu nb
22	" .65	56	56	39	.40	7.55			1	S	86							10 cu nb
23	" .86	56	52	40	.21	7.76			2	↙	84							3 cu
24	" .93	59	52	38					1	↙	100							5 ci, 2 cu, ⌒
25	" .76	56	58	40					2	S	87							10 cu nb
26	" .95	58	60	42					2	↙	86							
27	30.00	63	57	41					1	↙	69							⌒
28	29.96	47	54	32					1	↙	100							7 ci ground frost
29	" .94	62	53	33	.76	8.52			1	e	87							10 cu nb
30	" .75	58	58	42	.18	8.70			1	↙	87							10 cu nb
31	30.02	62	63	50	.05	8.75			–	–	87							10 cu nb
Totals	7[illegible]	1729	1810	1205							2599							
Averages	29.88	55.7	58.4	39.5							86.1							

SPECIAL REMARKS

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

		19	Day	19
Barometer	Max.	65	4,5	
"	Min.	51	11	
"	Average	58.4		
Thermometer	Max.	65	17	
"	Min.	45	8	
"	Average	55.7		
Rainfall in inches				
" "	(Highest daily)	1.58	19	
No of Earthquakes Tremors etc.		2	10,13	
Wind Velocity, Max				

Directions

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

Prevailing Winds North