METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Michael Kiza

QC
990
.T9
M4
1928

LIBRARY

APR 2000

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* **1928**.

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 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	30.05	61	55	53					3	N								
2	" .08	58	49.5	36					4	N								
3	" .00	50	47	35					—	—								
4	" .06	54	53	36					—	—								
5	" .15	54	56	25					—	—								
6	" .03	51	55	26					—	—								
7	29.76	52	56	34					2	N								
8	" .78	51.5	46	35					—	—								
9	" .96	55	53	23					2	N								
10	" .98	56	57	24					—	—								
11	" .93	63	56.5	27					1	S								
12	" .87	68	58	36.5					1	S								
13	" .90	65	56.5	37					1	S								
14	" .85	69	57	41					1	S								
15	" .78	66	55.5	40					1	S								
16	" .67	65	54	44					1	S								
17	" .75	64	56	37					—	—								
18	" .73	65	62	41					1	S								
19	" .85	65	58	42					2	S								
20	" .87	64	59	43					—	—								
21	" .90	65	56	40					1	S								
22	" .92	62	57	41					1	S								
23	" .90	64	61	35					1	S								
24	30.09	64	59	40					1	N								
25	" .21	64	56	34					2	N								
26	" .23	63	54	35					1	N								
27	" .10	65	53	34					2	N								
28	" .00	64	57	36					2	N								
29	" .09	60.5	55	38					2	N								
30	" .04	54	56	28					2	N								
31	29.98	62	64	31					2	N								
Totals	929.26	1887	1728	1103														
Averages	29.98	60.87	55.12	35.58														

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.	30.25	26	11
"	Min.	29.67	16	11
"	Average	29.98		
Thermometer	Max.	64	31	11
"	Min.	23	9	11
"	Average	45.50		
Rainfall in inches				
" "	(Highest daily)	1.51	13	11
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	11
N. E.	
E.	
S. E.	
S.	12
S. W.	
W.	
N. W.	

Prevailing Winds S

SECRETARY Mehmed Fet

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Midhat Riza

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** February **1928**

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 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	29.84	64	64	31	.38	25.23			2	S								
2	" .50	65	64	31	.15	25.98			2	S								
3	" .56	64	65	35					3	N								
4	" .78	62	65	32					4	N								
5	30.10	55	60	29					4	N								
6	29.97	58	45	27					4	N								
7	" .78	60	46	28					4	N								
8	30.03	61	51	28					5	N								
9	" .28	60.5	48	27					4	W.								
10	" .27	60.5	49.5	31					—	—								
11	29.85	62	51	41	.45	26.40			3	S								
12	" .78	65	59	42	1.10	27.50			3	S								
13	" .53	61	59	39	.25	27.75			1	S								
14	" .75	62	61	38	.15	27.90			1	S								
15	" .80	58	62	39	.40	28.30			3	S								
16	" .85	59	61	38					1	N								
17	" .79	56	55	34	.12	28.45			1	N								
18	" .90	56	62	38					1	N								
19	" .99	58	53	32					2	N								
20	" .70	58	54	29	.05	28.50			2	S								
21	" .83	58	51	30					3	N								
22	" .83	53	43	20					4	N								
23	" .90	52	42	25					4	N								
24	" .90	54	39	25					4	N								
25	30.15	49	39	21					1	N								
26	" .14	50	39	25					4	N								
27	" .00	56	45	25					2	N								
28	" .15	57	43	25					2	N								
29	" .28	57	46	26.5					—	—								
30																		
31																		
Totals	867.18	1691	1518	842	5.05	28.50												
Averages	29.90	58.31	52.31	30.74														

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

		19	Day	19
Barometer	Max.	30.65	7th	
"	Min.	29.50	2nd	
"	Average	29.90		
Thermometer	Max.	65	5th 6th	
"	Min.	20	2nd	
"	Average	41.55		
Rainfall in inches		5.05		
" "	(Highest daily)	1.15	16th	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions / Prevailing Winds

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

SPECIAL REMARKS

SECRETARY Mehmed Tekin

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Midhat Reja

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** March **1928**

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 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	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	30.28	58	50			28.50			1	N								
2	" .28	57	55							—								
3	" .10	57	55							—								
4	" .00	57	55							—								
5	" .00	55	60							—								
6	29.99	57	60							—								
7	" .93	56.5	55							—								
8	" .90	58	60							—								
9	" .85	60	62							—								
10	" .78	52	63.5							—								
11	" .75	55	65		.89	29.39			2	S								
12	" .65	58	57		.39	29.11			1	S								
13	" .80	57	58						1	S								
14	" .80	57	61.5		.16	29.87			1	S								
15	" .70	58	56						3	W								
16	" .92	55	56						3	N								
17	" .90	55	54		.25	30.12			2	N								
18	" .87	54	41		.90	30.52			2	N								
19	" .86	52	45						4	N								
20	" .90	50	45						3	N								
21	30.17	49	48						2	N								
22	" .10	47	56						1	N								
23	" .05	49	55															
24	29.87	52	59		.15	30.67			1	N								
25	" .71	51	59							—								
26	" .70	52	62		.45	31.12				—								
27	" .80	67	64.5						2	S								
28	" .50	58	63		.95	32.08			2	S								
29	" .48	58	64.5		.93	33.01			1	S								
30	" .68	59	65		.05	33.06			1	S								
31	" .70	59	67							—								
Totals	926.02	1719.5	1777		4.55	[illegible]												
Averages	29.87	55.4	57.3															

The instrument

Explosions with more 1st sharp shock at 12.30 Am. 17 were heavy tremors felt.

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.	30.28	1st	2d
"	Min.	29.48	29th	
"	Average	29.87		
Thermometer	Max.	67	5	28
"	Min.	—	—	—
"	Average	—	—	—
Rainfall in inches		4.55	—	
" "	(Highest daily)	.95	25th	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions
- N. 1
- N. E.
- E.
- S. E.
- S. 8
- S. W.
- W. 1
- N. W.

Prevailing Winds S

Michael Ri[illegible]

To the **SECRETARY**

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Michat Kiza.

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** April **1928**

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 58 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	59	68						—	—								2:30 AM earthquake, severe shock and many tremors.
2	" .70	60	69						2	S								
3	" .50	62	64		.85	33.91			2	S								2:10 AM sharp shock and many tremors
4	" .49	63	60		.05	33.96			2	S								1:30 + 5:30 PM sharp shocks
5	" .69	62	62						1	S								Tremors
6	" .72	58	64						—	—								"
7	" .76	58.5	66						2	S								"
8	" .80	58	65						2	S								
9	" .85	56	71.5						—	—								1:14 + 2:45 AM sharp shocks
10	" .81	64	70.5						4	W								1:30 + 2:40 PM sharp shocks
11	" .84	58	70						—	—								3:30, 7:45, 8:35 AM sharp shocks
12	" .81	63	72						2	S								Continuing tremors
13	" .63	63.5	75						3	S								" "
14	" .79	65	73						2	S								" "
15	" .90	59	75						—	—								3:5 AM sharp shock
16	" .89	63	83						—	—								Tremors
17	" .63	69	81.5						3	S								"
18	" .65	69	78						2	S								
19	" .79	63	83						2	W								5:30, 10:15 AM, 2:15 PM
20	" .70	68	86						2	S								sharp shocks
21	" .61	68	83						2	S								
22	" .68	67	86						—	—								
23	" .82	68	80						—	—								9:5 and 5:00 PM sharp shocks
24	" .81	67	80		.05	34.01			—	—								5:15 PM sharp shocks
25	" .61	68	81		.25	34.26			2	S								11:30 PM + 2:5 AM sharp shocks
26	" .67	68	71		.10	34.36			—	—								12:00 AM sharp shock
27	" .79	70	67						—	—								2:52 AM " "
28	" .86	60	72						—	—								
29	" .90	64.5	77						—	—								3:15 + 4:20 AM sharp shock
30	" .79	65	81						—	—								
31																		
Totals	872.28	1906.5	2213.5		1.30													
Averages	29.74	63.55	73.78															

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.	29.90	15th	
"	Min.	29.49	4th	
"	Average	29.74		
Thermometer	Max.			
"	Min.	—	—	
"	Average	—	—	
Rainfall in inches				
" "	(Highest daily)	.85	3d	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

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

Prevailing Winds S

Michael Riza

Fr. Ad

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Michat Riza -

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** May **1928**

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	29.67	69	80						2	S								
2	" .67	72.5	74			34.41			3	S								
3	" .61	71	80		0.05				—									11:55 AM earthquake, sharp shock
4	" .60	62	69		0.10	34.51			—									4:15 AM sharp shock
5	" .56	67	75						—									
6	" .75	63	72						—									
7	" .77	66	84						—									
8	" .78	70	83						2	S								
9	" .55	71.5	78		0.44	35.45			5	S								3:50 AM sharp shock
10	" .61	72	77						3	S								
11	" .61	73	73						2	S								
12	" .83	63	75						—									
13	" .75	69	71						1	S								
14	" .72	68	78						2	S								
15	" .81	70	79						1	S								
16	" .78	72	81						2	S								6:15 AM, 5:15 PM sharp shocks
17	" .61	73	89						8	S								
18	" .65	73	92															2:35 AM mild shocks
19	" .69	72	94						—									2:48 AM sharp "
20	" .75	78	84						—									1:05 PM " "
21	" .71	73	83						—									3:05 AM " "
22	" .69	73	84						—									3:55 AM mild "
23	" .78	74	83						—									
24	" .77	75	78						—									
25	" .78	74	67						2	S								
26	" .76	66	74		0.50	35.50												
27	" .88	71	73		0.65	36.15			—									2:14 AM sharp shock
28	" .88	72	78						—									2:25 AM " "
29	" .81	74	75		0.55	36.50			—									2:45 AM, 4:45 AM sharp shocks
30	" .73	68	73						—									
31	" .81	67	76						2	NE								
Totals	921.37	2256	2431		2.59	36.50												
Averages	29.72	72.71	78.42															

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

		19	Day	19
Barometer	Max.	37.85	17th	
"	Min.	27.55	1st	
"	Average	29.72		
Thermometer	Max.	78	20th	
"	Min.	66	1st	
"	Average	72.11		
Rainfall in inches		2.59		
" "	(Highest daily)	0.74	1st	
No of Earthquakes Tremors etc.		8		
Wind Velocity, Max				

Directions N. / N. E. 1 / E. / S. E. / S. 12 / S. W. / W. / N. W.

Prevailing Winds S

Mithat Riza

for the **SECRETARY**

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Tefik

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** June 1928

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 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.	Beaufort ~~Average~~ ~~11-12 A.M.~~ scale	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.80	73	78	—		36.50			—	—							bc	
2	.81	74	80	—					2	W							b	7:5 A.M. 3 Mild shocks
3	.82	75	84	—					2	W							bc	
4	.81	72	76	—					2	NW							0	
5	.90	73	76						—	—							b	6:20 P.M. Mild shock
6	.90	73	75						—	—							b	2:40 AM " "
7	.83	74	78						—	—							b	
8	.82	75	86						—	—							b	
9	.79	75	94						—	—							b	
10	.79	77	95						—	—							b	
11	.71	81	89						3	NE							b	5:23 & 5:24 A.M. two sharp & continuous shocks
12	.78	80	90						—	—							b	4 & 6.15 P.M Sharp shocks.
13	.78	79	88						4	N.E.							b	
14	.95	81	85						2	N.E.							b	
15	.85	85	86						2	E.							b	
16	.73	82	85						—	—							b	4 A.M. Mild shock.
17	.65	80	84						—	—							b	
18	.56	81	83						1	S.							b	4 & 6 A.M. Sharp & Mild shocks
19	.50	82	84						1	N.E.							b	
20	.70	78	91						1	NW							b	
21	.60	76	85						3	W.							0	1 A.M. shock
22	.75	75	79		.30	36-80			2	W.							0	12:40 & 12:20 P.M. Two severe shocks
23	.90	75	84						3	N.							b	
24	.80	77	87						2	W.							b	
25	.83	78	90						2	N.							b	
26	.80	77	94						2	W.							b	
27	.78	81	89						1	W							b	
28	.80	78	90						2	N							b	
29	.81	79	91						3	N							b	
30	.80	80	90						2	N							b	
31																		
Totals	893.35	2326	2566						42									
Averages	29.75	75.2	85.5															

Broken

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.	94	9th	
"	Min.	—	—	—
"	Average	—	—	—
Thermometer	Max.	29.95	19th	
"	Min.	29.60	21st	
"	Average	29.75		
Rainfall in inches				
" " (Highest daily)		.30	22d	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N. 4
N. E. 4
E. 1
S. E.
S. 1
S. W.
W. 7
N. W. 2

Prevailing Winds W & N

SPECIAL REMARKS

Mehmed Tekij

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmet Zeki

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** July 1925

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 4/0 feet

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

Height of rim of Rain Gauge, above mean sea level 300 feet, above the ground 8 8 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.~~ Beaufort Scale	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.85	79	90	—					2	W							b	
2	.80	79	90						2	W							b	
3	.85	80	92						1	W							b	
4	.87	81	93						1	W							b	2 P.M. Mild shock
5	.88	79	94						2	W							b	
6	.94	80	98						2	W							b	
7	.90	79	94						2	N							b	
8	.85	78	93						1	N							b	
9	.80	77	95						2	N							b	
10	.82	76	96						1	N							b	
11	.79	81	92						2	N							b	
12	.78	81	91						1	N							b	
13	.80	81	92						1	N							b	
14	.81	83	91						2	N							b	
15	.85	82	90						2	N							b	AM-10, Sharp shocks 7:30 & 7:10 AM 7 Mild shocks.
16	.88	84	98	Broken					1	N							b	
17	.78	84	97						2	N							b	
18	.79	83	96						2	N							b	
19	.69	87	90							—							b	
20	.75	87	92						1	W							b	
21	.76	86	94						1	W							b	2 A.M Two slight earth quakes
22	.78	82	93						2	N							b	
23	.77	88	97						1	N							b	
24	.70	86	92.5						1	N.W.							b	9:15 PM. & 2:5 AM. two severe shocks.
25	.67	84	95						—	—							b	
26	.66	83	99						1	N							b	12 P.M. Mild quake
27	.70	87	97						2	N							b	
28	.70	82	93						1	N							b	10. P.M. sharp shock.
29	.73	84	93						1	W							b	
30	.70	88	96						—	—							b	
31	.70	88	102						2	N							b	
Totals	93.35	2559	2915						42									
Averages	29.79	82.55	94.03															

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.	102	21	
"	Min.			
"	Average			
Thermometer	Max.	29.94	6 th	
"	Min.	22.66	26 th	
"	Average	23.79		
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	18
N.E.	
E.	
S.E.	
S.	
S.W.	
W.	9
N.W.	1

Prevailing Winds NW

SECRETARY Schmidt

207

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Zeki

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** August **1928**

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 360 feet, above the ground 55 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 (Beaufort Scale)	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.75	87	97										3	N			b	
2	.70	86	96										–	–			b	
3	.70	85	95										2	N			b	
4	.75	84	96										1	N			b	
5	.84	85	96.5										1	N			b	
6	.84	84	95										1	N			b	
7	.80	85	99.5										–	–			b	
8	.67	82	85										–	–			b	
9	.85	78	95										3	N			b	
10	.84	81	92										2	N			b	
11	.82	83	91										1	N			b	
12	.80	85	91										1	N			b	
13	.78	81	95										1	NW			b	
14	.80	85	96										2	N			b	
15	.86	84	90										1	N			b	
16	.80	85	97										1	N			b	
17	.82	85	93										–	–			b	
18	.78	84	94										1	N			b	
19	.80	85	99										1	N			b	
20	.76	81	96										–	–			b	
21	.78	80	97										–	–			b	
22	.82	81	85										1	N			b	
23	.82	82	96										1	N			b	3.5 – P. M. Tremor
24	.76	77	92										–	–			b	
25	.80	85	92										2	N			b	
26	.80	81	88										1	N			b	
27	.80	81	87										1	N			b	
28	.80	80	88										1	N			b	
29	.78	79	88										–	–			b	
30	.79	80	88										1	NW			b	
31	.80	79	80										1	N			b	
Totals																		
Averages																		

Broken

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.	86	15	th
"	Min.	70	22	nd
"	Average			
Thermometer	Max.	99	7	th
"	Min.			
"	Average			
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	19
N. E.	
E.	
S. E.	
S.	
S. W	
W.	2
N. W.	2

Prevailing Winds N

SPECIAL REMARKS

SECRETARY Mehmet Efi

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmet Efendi

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** September 1928

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 700 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.	Beaufort ~~Average 11-12 A.M.~~ scale	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.64	78	91						2	N							b	
2	.88	78	88						1	N							b	
3	.70	78	86						1	N							b	
4	.90	79	87						1	N							b	
5	.90	76	86						1	N							b	
6	.90	77	85						1	N							b	
7	.94	76	84						2	N							b	
8	.95	76	86						3	N							b	
9	.92	77	91						3	N							b	
10	.81	78	87						2	N							b	
11	.78	76	88						2	N							b	
12	.79	77	84						1	N							b	
13	.80	76	84						1	N							b	
14	.82	78	84						1	N							b	
15	.88	77	84						1	N							b	
16	.88	75	84						1	N							b	
17	.87	72	88						1	N							b	
18	.89	78	86						—	—							b	
19	.83	79	84						—	—							b	
20	.84	76	84						—	—							b	
21	.82	75	81						—	—							b	6.10 AM. Earthquake
22	.81	76	81						—	—							b	
23	.72	73	95		drizzle				—	—							O	4 cu. S
24	.80	75	87						1	S							b	2 cu S
25	.90	77	90		drizzle				—	—							b	
26	.89	74	88						—	—							b	
27	.85	75	85						—	—							b	
28	.86	74	86						—	—							b	2 cu S
29	.90	72	86						—	—							b	
30	.86	76	90						—	—							b	6.45 A.M. Tremor
31																		
Totals	895.44	2284	2590						26									
Averages	29.85	76.13	86.33															

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.	29.95	8	[illegible]
"	Min.	29.70	3	[illegible]
"	Average	29.85		
Thermometer	Max.	95	2.3	[illegible]
"	Min.			
"	Average			
Rainfall in inches				
" " (Highest daily)				
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N. 18

N. E.

E.

S. E.

S. 1

S. W.

W.

N. W.

Prevailing Winds 1

SPECIAL REMARKS

Mehmet Lehi

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Milat Riza

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** October 1928

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	29.84	77	90								67							
2	" .8.	76	75						1	S	53							
3	" .87	77	84						2	S	56							
4	30.00	76	75						1	ONE	67							
5	" .70	76	77						1	ONE	45							
6	" .00	67	75						2	ONE	38							
7	29.92	76	85						1	ON	34							
8	" .87	76	85						—	—	56							
9	" .80	76	75		0.75	0.75			—	—	54							
10	" .83	70	72						—	—	68							
11	" .88	63	76		1.25	1.40			2	S	76							
12	" .83	63	71						—	—	87							
13	" .16	66	75		0.65	2.05			1	S	95							
14	" .86	65	75		.12	2.17			1	S	89							Fleat[illegible] dew[illegible]
15	" .10	69	75						1	S	90							
16	30.02	70	65							—	88							
17	" .15	64	64						2	ON	65							
18	" .16	60	65						2	ON	76							
19	" .05	61	66						1	ON	80							Dew[illegible]
20	" .00	58	72							—	88							Dew[illegible]
21	" .00	63	76							—	80							Fairly dew[illegible]
22	29.90	63	72						1	ON	68							
23	" .90	68	71							—	93							Dew[illegible]
24	" .96	56	71							—	93							Dew[illegible]
25	" .92	56	72							—	93							Fairly dew
26	" .90	62	68							—	94							Dew[illegible]
27	" .78	58	70							—	87							Dew[illegible]
28	" .80	60	72							—	88							[illegible]
29	" .94	65	71							—	88							[illegible] earthquake: slight shock 7:8 PM
30	" .97	65	71.5							—	85							[illegible]
31																		
Totals	897.51	1996	2231.5								2235							
Averages	29.92	66.5	74.38								74.5							

Cloudy no Rain

Cloudy no Rain

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.	30.16	18	
"	Min.	29.72	16	
"	Average	29.92		
Thermometer	Max.	77	3	
"	Min.	56	24,5	
"	Average			
Rainfall in inches		2.17		
" "	(Highest daily)	1.25	11	
No of Earthquakes Tremors etc.		1		
Wind Velocity, Max		2		

Directions N. 5; N.E. 3; E.; S.E.; S. 6; S.W.; W.; N.W.

Prevailing Winds S

SPECIAL REMARKS

For the **SECRETARY**

[illegible]

207

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Nitat Rizi

LIBRARY
JAN 2 - 1929
WEATHER BUREAU

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY** during November 1928

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	29.95	56	75						—	—	87							Earthquakes. AM 7:13 + PM 11:55
2	" .94	55.5	76						—	—	93							Sharp shocks. Dew
3	" .93	57	74						—	—	92							Fog, "
4	" .87	58	74						1	S	87							" "
5	" .84	66	73						—	—	84							
6	" .88	60	74						2	S	94							
7	" .92	60	75						—	—	94							Earthquake: 4:32 AM Tremors.
8	" .72	67	75		0.29	2.34			1	S	93							
9	" .80	65	68						2	S	94							
10	" .85	66.5	75						4	SE	80							" : 10:55 AM sharp shock
11	" .90	65.5	80						2	SE	85							
12	" .68	60	81						1	S	74							
13	" .80	61	66.5		0.36	2.70			—	—	93							Fog
14	" .81	64	69		0.06	2.76			—	—	93							
15	" .66	62.5	70		0.09	2.85			—	—	89							
16	" .60	63.5	72		0.02	2.87			—	—	87							Dew
17	" .59	59.5	71						3	SE	82							"
18	" .71	65	71.5						—	—	81							"
19	" .71	63	72						1	S	88							
20	" .71	58	71.5		0.08	2.95			4	NE	84							
21	" .98	60	61		0.03	2.98			—	—	81							"
22	" .92	54.5	59						1	NE	92							Earthquakes: 5:32 PM sharp shocks.
23	" .91	53	54.5						5	NW	79							" : 6:30 AM " shock
24	" .97	53.5	53						—	—	81							Frost
25	" .78	57	57						2	S	82							
26	" .53	58	64		2.93	5.91			2	S	93							
27	" .27	58	64		2.83	8.74			3	S	89							
28	" .58	50	63		0.07	8.81			4	S	75							
29	" .63	60	67		0.63	9.44			3	S	73							
30	" .62	61	68		0.64	10.08			2	S	95							
31																		
Totals	893.05	1788	2076		8.03	10.08					2601							
Averages	29.76	59.6	68.2		0.267						86.7							

Fire instrument broken

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	21st	
"	Min.	29.27	27th	
"	Average	29.76		
Thermometer	Max.	81	17th	
"	Min.	53	24th	
"	Average	59.6		
Rainfall in inches		8.03		
" "	(Highest daily)	2.93		
No of Earthquakes Tremors etc.		6		
Wind Velocity, Max				

Directions

N.	
N. E.	2
E.	
S. E.	3
S.	12
S. W.	
W.	
N. W.	1

Prevailing Winds S

Michael Koza

For the **SECRETARY**

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Milet Eğe

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** December 1928

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	29.63	57	66	The instrument is broken	4.60				3	S	97							
2	29.61	59	67		0.69				2	S	86							
3	" .66	60	67		0.96				1	SW	86							Earthquake 10:4 PM sharp shock
4	" .61	57	68		0.46				2	NE	94							
5	" .73	57	66						—	—	86							
6	" .79	54	67						2	N	84							
7	" .91	53	51						2	N	85							
8	30 .06	56	49						—	—	84							
9	" .09	56	55						—	—	64							Hard frost
10	29 .98	55	52						—	—	70							" "
11	" .79	56	56		0.15				2	S	86							
12	" .78	61	56		1.08				3	S	83							
13	" .65	62	62		.09				4	S	89							
14	" .71	62	64		.52				3	S	94							
15	" .19	63	62		1.70				2	S	93							
16	" .57	55	54							—	92							
17	" .60	58	49						3	N	77							
18	" .72	61	52						2	N	76							
19	" .95	59	46						1	S	79							
20	" .86	52	46						1	N	84							
21	" .81	52	53		0.56				—	—	100							
22	30 .10	56	50		0.75	21.93			—	—	100							
23	" .19	57	41						—	—	84							
24	" .16	51	47						4	N	84							
25	" .07	57	52						3	N.W.	79							
26	" .08	59	53						3	NW	84							
27	29 .86	52	46						1	N	84							
28	" .95	59	46						—	—	84							
29	30 .00	57	57						—	—	86							
30	29 .70	62	59						—	—	87							
31	" .71	65	62						3	SE	89							
Totals	924.52	1782	1721		11.56	21.93					2650							
Averages	29.80	57.5	55.5								86							

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.	30.19	23rd	
"	Min.	29.19	15th	
"	Average	29.80		
Thermometer	Max.	65	31st	
"	Min.	51	24th	
"	Average	55.5		
Rainfall in inches		11.56		
" " (Highest daily)		4.60	1st	
No of Earthquakes Tremors etc.		1		
Wind Velocity, Max		4		

Directions

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

Prevailing Winds 8

Mitat Kiza

for the **SECRETARY**