METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Tekej

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1927
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Information Manufacturing Corporation
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September 14, 1999

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** January 1927

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 78 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 Scale ~~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	29.96	54.5	63	45		8.51			—	—	93						c	
2	.94	54	61.5	40.5					—	—	100						—	Heavy fog & Dew
3	30.14	54.5	58.5	39					1	N	89						b	Dew
4	30.16	55.5	61.5	32.5					—	—	100						b	Dew
5	29.93	57	60	34	.63	9.14			2	E	77						or	
6	.55	57	59	49	.45	9.59			—	—	93						or	
7	.60	56	59	37					—	—	87						bc	
8	.80	54.5	49	38					—	—	100						b	
9	.94	53.5	50	37.5					—	—	92						c	
10	.91	52.5	51.5	40	.05	9.64			—	—	93						o	
11	.52	52.5	52	41					1	N	92						o	
12	.71	52	53	35					—	—	100						c	
13	.78	51.5	50	33.5					2	S	100						b	
14	.84	51.5	63	37					1	S	87						c	
15	.95	52.5	60	47.5	.13	9.77			1	S	100						o	
16	.91	53.5	62	40	.05	9.82			—	—	100						o	Earth-quake severe 9 am.
17	.86	54	61	41	.41	10.23			1	S	93						bc	Lightning and thunder storm at 10 pm.
18	.88	54	62	43					1	S	94						b	
19	.90	55	63	46					1	SE	93						o	
20	.87	56	62	44					2	E	87						o	
21	.60	52	64	47.5	2.31	12.54			2	SE	78						o	Lightning and thunder storm at 10 pm.
22	.47	57	58	46.5	.71	13.25			1	S	100						bc	Hail.
23	.56	57	57.5	47	.05	13.30			—	—	94						c	
24	.76	56.5	56	47	Trace				—	—	93						o	Hail.
25	.98	53.5	54	34					—	—	83						b	
26	30.07	53	51	38					2	N	94						b	
27	30.04	53	50	35					—	—	92						bc	
28	29.93	51	53	35					1	N	85						o	Dew
29	.97	50	53	37					—	—	84						b	Dew
30	96	50	52	29	.10	13.40			—	—	91						o	
31	.96	49	60	32	.09	13.49			—	—	100						o	
Totals	925.49	1664.5	1769.5	1228.5	4.89	13.49			19		2864							
Averages	29.85	53.66	57.08	39.63							92.45							

SPECIAL REMARKS

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max. and Min.

Rain Recorder (*Electrical*)

Anemometer—Robinson principle

do —Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		19	Day	19
Barometer	Max.	30.16	4th	
"	Min.	29.52	11th	
"	Average	29.85		
Thermometer	Max.	64	21st	
"	Min.	29	30th	
"	Average	48.35		
Rainfall in inches		4.89		
" "	(Highest daily)	2.31	21	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions Prevailing Winds

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

Prevailing Winds S

William Fowler.

SECRETARY

207

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METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

Feb.-1927?

OBSERVER Mehmed Tekly

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** Feb- 19 27?

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.	Beaufort Average ~~in m.p.h.~~ Scale	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.84	51	55	35	.63	14.12			1	S	100						0	
2	.69	52	58.5	45	.17	14.29			1	S	100						0	
3	.95	53	54	42					–	–	100						0	
4	30.10	52.5	53	34					2	N	83						c	
5	29.94	51	57	31.5	.19	14.48			–	–	93						0	Dew.
6	.62	49	48	32	.18	14.68			1	N	100						0	
7	.90	49	47	35					2	N	85						b	
8	.68	49	46	36					2	N	100						0	
9	.63	49	47	37					4	N	100						bc	
10	.86	48	40	29					2	N							b	The bulb is Frozen
11	.80	47.5	40	29					–	–							b	"
12	.90	47	41	27					2	N							b	"
13	30.10	46	45	31					1	N							b	"
14	30.13	45	43	30					1	N							b	"
15	30.10	46	49	28					–	–							c	"
16	.98	45.5	50	19					1	N							b	"
17	.70	46.5	52	24	.41	15.09			2	S	93						or	
18	.73	47.5	51	40	.10	15.19			1	E	100						bc	
19	.72	47	58	42	.22	15.41			2	E	100						bc	Earthquake midnight
20	.67	49.5	65	40	.73	16.14			2	S	87						b	Hail storm, thunder, & light'ng
21	.54	57	63	49	.05	16.19			–	–	87						or	
22	.66	53	47	40					2	N	75						b	
23	30.04	57	46	34					1	N	92						b	
24	30.10	56	48	30					2	N	90						b	
25	30.08	49	56	24					–	–							b	The bulb is Frozen
26	30.04	49	59	28					–	–							b	"
27	29.98	50	53	32					–	–	85						0	
28	.87	51	51	45	.38	16.57			1	S	94						or	
29																		
30																		
31																		
Totals	836.35	1376	1432.5	944.5	3.06	16.57					1764							
Averages	29.86	49.14	51.16	33.73							93							

INSTRUMENTS IN USE

Barometer (*Mercurial*)

Thermometers, Max and Min.

Rain Recorder (*Electrical*)

Anemometer—Robinson principle

do —Dines or Lander principle

Hygrometer

Seismoscope

Seismograph, Heavy pendulum principle

MONTHLY

SUMMARY WITH COMPARISONS

		19	Day	19
Barometer	Max.	30.13		1st
"	Min.	29.54		21st
"	Average	29.86		
Thermometer	Max.	65		20th
"	Min.	19		16th
"	Average	42.95		
Rainfall in inches		3.06		
" "	(Highest daily)	.73		20th
No of Earthquakes				
Tremors etc.				
Wind Velocity, Max				

Directions	
N.	13
N. E.	
E.	2
S. E.	
S.	5
S. W.	
W.	
N. W.	

Prevailing Winds N

SPECIAL REMARKS

William Powles

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Tekin

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** March **1927**

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 55 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 Scale 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	52	61	38		16.57			-	—	93						l	
2	.94	53	66	34					—	—	72						l	Dew
3	.90	53	64	36					-	—	92						o	
4	.66	56	62	44	.08	16.65			—	—	83						o	
5	.53	55.5	66	46.5					—	—	94						o	
6	.86	56.5	65	38					—	—	86						l	
7	.88	57	67	43					—	—	94						l	Dew
8	.77	55	67	47.5	.50	17.15			2	S	[illegible]						o	
9	.56	59	63	56	d				1	S	32						o	
10	.72	59	67	49					1	S	[illegible]						c	
11	.86	61	69.5	52					2	SE	19						c	
12	.96	61.5	71	46					—	—	59						l	Dew
13	30.02	55	72	40					—	—	31						l	Dew
14	29.95	59	75	48					2	S	54						l	
15	.72	61	69	50					—	—	73						o	
16	.84	58.5	69	41					4	N	62						l	
17	.96	54	59	40					2	N	57						l	
18	30.05	57	64	39					4	N	54						l	
19	30.16	57.5	65	43.5					1	N	50						l	
20	30.12	58	67	33					1	N	13						l	
21	30.10	59	70	36					—	—	73						l	
22	30.00	55	67.5	41					—	—	75						o	
23	29.82	59.5	68	34					—	—	80						l	Dew
24	.58	59	69	34					—	—	52						l	
25	.60	57	65	46	1.10	18.25			4	S	76						or	
26	.63	58	66	52					2	S	59						l	
27	.90	60	69	53					3	SE	69						c	Dew
28	.95	60	73	51					1	S	70						o	
29	.82	61	74	51					1	S	95						o	Dew
30	.63	61.5	71	49					1	S	68						—	Dew
31	.64	59.5	69	46	.05	18.30			1	S	88						o	
Totals	925.05	1788.0	2089	1357	1.73	18.30			33		2080							
Averages	29.51	57.68	67.40	43.60					1.00		67.22							

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	19th	
"	Min.	29.55	5th	
"	Average	29.84		
Thermometer	Max.	75	14th	
"	Min.	33	20th	
"	Average	55.5		
Rainfall in inches		1.73		
" "	(Highest daily)	1.10	25th	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	5
N. E.	
E.	
S. E.	2
S.	10
S. W.	
W.	
N. W.	

Prevailing Winds 10 S

SPECIAL REMARKS

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Tekiz

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** April **1927**

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.	Beaufort Average ~~11-12 hrs.~~	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.56	58.5	62	46	.41	18.71			1	S	83						0	
2	47	59	62	48	.76	19.47			1	S	83						6r	
3	.40	58	60	46					3	S	83						0	
4	.64	56	59	46	.05	19.52			1	N	65						lc	
5	.70	54	61	38	.10	19.62			-	-	66						l	Dew
6	.60	54	57	41					-	-	80						0	
7	.60	56	58	40					-	-	61						0	
8	.69	56	65	40					-	-	66						l	
9	.82	53	71	37.5					-	-	66						l	Dew
10	.90	57	75	42					1	S	64						l	
11	.85	57	76	43					-	-	73						l	Dew
12	.85	60.5	78	47					-	-	65						l	"
13	.80	63	76	51					1	S	69						l	"
14	.78	61	73	46					-	-	89						0	
15	.62	61.5	70	48					-	-	58						l	Dew
16	.46	62	75	48.5					-	-	78						lc	"
17	.45	66	70	58					3	S	71						0	"
18	.59	66	67	56	.38	20.00			2	S	78						0	
19	.78	61	68	47					-	-	84						c	
20	.87	60.5	66	46					1	N	67						l	Dew
21	.94	59	70	45.5					-	-	45						l	"
22	.94	59	72	45					1	S	67						c	
23	.95	57	75	41					-	-	72						l	Severe shock at 6.25 pm.
24	.90	63	76	48					2	S	66						l	
25	.73	64	68	53	.10	20.10			2	S	57						0	
26	.64	65	69	54	.05	20.15			1	S	79						c	
27	.80	60	72	44					-	-	73						l	Dew
28	.87	59.5	76	45					-	-	78						l	"
29	.90	63	78	46					1	NW	76						c	
30	.84	66	76	55					1	N	75						l	
31																		
Totals	891.63	1795.5	2081	1391.5	1.85	20.15			22		2137							
Averages	29.72	59.85	69.36	46.36					.73		71.23							

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.	29.91	27	
"	Min.	29.40	30	
"	Average	29.72		
Thermometer	Max.	78	12 22 23 24	
"	Min.	~~58~~ 57	17 21	
"	Average	57.9		
Rainfall in inches				
" "	(Highest daily)	.76	21	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions		
	N.	3
	N. E.	
	E.	
	S. E.	
	S.	11
	S. W.	
	W.	
	N. W.	1

Prevailing Winds

SPECIAL REMARKS

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Tekji

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** May **19** 27

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.	Beaufort ~~Average (1-12 A.M.)~~ Real	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.77	69	74	52		20.15			1	W	80						l	Dew
2	.73	68	75	54					1	W	79						l	
3	.77	67	81	57					1	W	75						l	
4	.77	69	76	52					–	–	80						l	
5	.87	70	82	57					2	NW	71						l	
6	.89	72	79	56					1	W	76						c	
7	.87	67.5	76	55					1	N	69						l	
8	.94	71	81	56					1	N	53						l	
9	.95	70.5	80	59					2	N	63						l	
10	.85	70	82	46					–	–	66						0	
11	.66	71.5	78	61					2	S	49						0	
12	.85	73	81	54					–	–	86						lc	Dew
13	.74	73	73	57	.20	20.35			–	–	81						0	
14	.74	70	77	52					2	W	63						0	
15	.82	69	77	56					1	N	81						l	
16	.98	67	74	51					1	NW	75						l	
17	30.04	67	78	52					2	N	60						l	Dew
18	29.99	66.5	79	54					2	N	65						l	
19	.92	69	82	53	"				1	N	65						l	
20	.86	67.5	82	45					–	–	59						l	Dew
21	.78	67	85	45					–	–	51						l	
22	.72	72	84	60					1	SE	48						lc	
23	.73	74	86	57					2	S	61						lc	
24	.70	74	79	63	.21	20.56			4	S	58						l	
25	.50	74.5	68	55	.34	20.90			2	S	100						0	
26	.70	68	71	55					2	S	85						c	
27	.90	66	78	45					–	–	70						–	
28	.90	67	84	51					–	–	71						c	
29	.86	70	88	53					–	–	63						–	
30	.78	72.5	91	59					–	–	74						0	
31	.69	70	84	59					–	–	71						l	
Totals	724.27	2162.5	2475	1681	.75	20.90			32		2146							
Averages																		

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

		1927	Day	1927
Barometer	Max.	30.04	17th	
"	Min.	29.50	25th	
"	Average	29.82		
Thermometer	Max.	94	31st	
"	Min.	45	25th, 2/8/27th	
"	Average	67.03		
Rainfall in inches		.75		
" "	(Highest daily)	.34	25th	
No of Earthquakes				
Tremors etc.				
Wind Velocity, Max				

Directions

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

Prevailing Winds N.

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Zeki

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** June **1927**

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.	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	29.86	70	90	53					2	W	66						b	
2	.65	79	90	71					2	W	60						b	
3	.74	80	86	70					–	–	67						b	
4	.70	79	96	66					1	N	82						b	
5	.62	77	87	66					–	–	74						b	
6	.66	80	90	63					2	N	71						0	
7	.72	76.5	87	66					3	S	74						b	
8	.97	73	84	55					–	–	58						b	
9	.94	76	84	64					1	W	61						b	
10	.80	75	90.5	64					1	N	36						b	
11	.80	77	87	66					2	W	41						b	
12	.80	77	86	62					2	W	63						b	
13	.79	74	84	57					–	–	78						b	
14	.73	76	88	62					1	W	66						b	
15	.76	80	88	65					–	–	74						0	
16	.86	79	89	67					2	N	54						b	
17	.90	80	84	71					1	N	61						bc	
18	.80	76	85	64					2	N	40						b	
19	.73	76	86	63					1	W	57						b	
20	.79	80	87	54					–	–	68						bc	
21	.90	79	94	56					1	W	53						b	
22	.97	81	90	70.5					3	N	53						b	
23	.80	79.5	92	68					2	N	37						b	
24	.78	78	90	62					1	W	52						b	
25	.76	81	96	76					2	W	74						b	
26	.73	80	90	63					–	–	87						b	
27	.79	76	91	57					–	–	75						b	
28	.86	83	95.5	71					2	W	69						b	
29	.85	85	96	69					–	–	54						b	
30	.83	88	95	72					1	W	69						b	
31																		
Totals																		
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

		19	Day	19
Barometer	Max.	29.97	8	21
"	Min.	29.62	5	21
"	Average	29.80	–	–
Thermometer	Max.	96	4, 21, 25, 29	21
"	Min.	54	20	21
"	Average	76.83	–	–
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

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

Prevailing Winds W

Cassellton Reed
for Wm Fowler M.A. B.Sc.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Tekir

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** July **1927**

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.	Beaufort 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	29.88	82	96	67			20.90		1	W	73						b	
2	.88	83.5	97	64					1	W	68						b	
3	.80	83	103	63					–	–	89						b	
4	.74	85	99	64					–	–	92						b	
5	–	–	92	64					1	W	92						b	By mistake the barometer was moved by the servant.
6	.69	82	91	68					1	W	76						b	
7	.79	81	91	67					1	W	78						b	
8	.83	80	92	61					–	–	74						b	
9	.80	81	97	64					1	W	73						b	
10	.80	82.5	106.5	64					2	S	77						b	
11	.66	86	94	77					–	–	85						b	
12	.60	83.5	90	64					–	–	88						b	
13	.67	80	94	63					–	–	96						b	
14	.67	83	94	67					1	N	88						b	
15	.77	85	94	68					1	W	74						b	
16	.78	84	94	73					1	N	85						b	
17	.80	86	95	75					–	–	85						b	
18	.74	83	96	77					1	W	76						b	
19	.70	82.5	96	63					–	–	81						b	
20	.65	85	90	71					1	N	85						b	
21	.90	82.5	91	73.5					3	NE	84						b	
22	.70	84	90	69					3	N	81						b	
23	.76	82.5	93	64					2	N	76						b	
24	73	83	92.5	70					1	N	96						b	
25	.70	85	103	74					4	N	59						b	
26	.70	85	98	76					3	N	77						b	
27	.70	85	94	75					4	N	77						b	
28	.68	88.5	92	70					4	N	84						b	
29	.68	85	93	69					3	N	68						b	
30	.67	78	86	64					2	W	83						b	
31	69	80	91	64					2	N	96						b	
Totals	922.16	2491.5	2925	2112.5					44		2516							
Averages	29.75	80.53	94.35	68.14					1.42		81.16							

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	21	28
"	Min.	29.60	12	24
"	Average	29.75		
Thermometer	Max.	106.5	10	24
"	Min.	77	11th	2 18th
"	Average	85.25		
Rainfall in inches				
" "	(Highest daily)			
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	12
N. E.	1
E.	
S. E.	
S.	1
S. W.	
W.	9
N. W.	

Prevailing Winds 1

SPECIAL REMARKS

William Fowler M.A., B.Sc.
by Carol. Reed, M.A., C.M.D.

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Mehmed Tekir

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** August **1927**

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 24 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.	Beaufort Scale Average ~~11-18 hr.~~	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.74	82	87	64					3	N	96						b	
2	.78	82	92	72					2	N	84						b	
3	.80	82	93	73					4	N	66						b	
4	.79	83	93	73					3	NE	88						b	
5	.67	83	95	73					3	N	96						b	
6	.68	84	94	74					1	N	92						b	
7	.72	80	92	63					–	–	96						b	
8	.75	82	95	64.5					–	–	94						b	
9	.76	81	98	75					2	W	84						b	
10	.76	87	97	74					3	N	92						b	
11	.71	87	99	66					–	–	80						b	Mist
12	.80	88.5	98	77					3	N	64						b	
13	.78	88	96	73					2	N	74						b	
14	.70	89	95	71					1	N	80						b	
15	.67	89	93	72					1	N	88						b	
16	.66	89	93	69					–	–	96						b	
17	.70	88	94	67					2	S	84						b	
18	.80	87	97	75					3	N	77						b	
19	.76	86	98	73					1	N	80						b	
20	.70	89	95	72					2	N	80						b	
21	.62	81	89	75					1	W	96						b	Earthquake at 7.10
22	.68	83	91	67					2	W	92						b	
23	.73	85	88	73	.11				2	N	84						b	
24	.71	86	88	68	drops				3	N	83						bc	
25	.70	86	86	71					2	N	88						bc	
26	.77	79	96	61					–	–	75						c	Dew
27	.73	80	92	62					–	–	84						b	
28	.72	79	90	61					–	–	91						b	
29	.66	79	84	64					–	–	79						b	
30	.80	72	86	53					1	N	76						b	
31	.78	75	82.5	58					–	–	82						b	
Totals	922.63	2591.5	2866.5	2133.5					47		2611							
Averages	29.76	83.59	92.2	68.81					1.5		84.2							

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.	29.80	3d, 12th etc.	
"	Min.	29.62	21st	
"	Average	29.76		
Thermometer	Max.	99.	4th	
"	Min.	53	30th	
"	Average	80.50		
Rainfall in inches				
" "	(Highest daily)	.11	23d	
No of Earthquakes Tremors etc.		1	21st	
Wind Velocity, Max				

Directions

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

Prevailing Winds N

William Fowler

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA, TURKEY

OBSERVER Mehmed Tekir

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. 4 feet

Height of rim of Rain Gauge, above mean sea level 700 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	29.74	73	84	57		.26			–	–	82						b	
2	.70	79	89	68					–	–	75						b	
3	.83	80	87	67					–	–	84						b	
4	.70	79	86	75	.15	.4			2	N	83						bc	
5	.78	81	86	67					5	N	87						bc	
6	.90	81	86	65					3	N	82						b	
7	.81	77	82	66					4	N	78						b	
8	.85	77	88	65					2	N	82						b	
9	.89	77.5	87	62					2	NE	86						b	
10	.84	73	91	54					–	–	91						b	
11	.79	79	82	66					–	–	84						c	
12	.79	73	82	52					–	–	91						b	
13	.80	73	89	65					–	–	78						b	
14	.85	72	87	57					–	–	80						b	
15	.86	77	85	65					1	N	83						b	
16	.82	79.5	87	67					2	N	83						b	
17	.80	76	86	65					1	N	82						b	
18	.78	77	97	59					–	–	88						b	
19	.69	77	90	63					1	N	79						b	
20	.74	76	87	59					1	N	83						b	
21	.82	77	93	60					–	–	74						b	
22	.87	80	93	73					2	N	46						b	
23	.77	72.5	91	55					–	–	55						b	
24	.77	73	90	56					–	–	60						b	
25	.78	74	91	55					–	–	56						b	
26	.80	70	92	53					–	–	67						b	
27	.85	71	91	56					–	–	72						b	
28	.80	68.5	87	50					–	–	70						b	
29	.83	68	92	51					–	–	80						b	
30	.84	71	91	54					–	–	65						b	
31									–	–								
Totals	894.19	2259	2649	1827		.41			26		2306							
Averages	29.81	75.3	88.3	60.9					.87		76.87							

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	6	
"	Min.	29.69	15	
"	Average	29.81		
Thermometer	Max.	97	18	
"	Min.	50	28	
"	Average	74.6		
Rainfall in inches		.15		
" "	(Highest daily)	.15	4	
No of Earthquakes Tremors etc.				
Wind Velocity, Max.				

Directions

N. //

N. E. /

E.

S. E.

S.

S. W.

W.

N. W.

Prevailing Winds ✓

SPECIAL REMARKS

SECRETARY

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Michael Vifa

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** Nov **19** 27

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 11-11 A.M. (Beaufort)	Direction	HUMIDITY % of Moisture	SEISMOSCOPE AND SEISMOGRAPH Time	Nature of Movement	Duration	Direction	Amplitude in Millimetres	Beaufort Notation and Int. Symbols	REMARKS
1	29.88	77.5	75	56		8.52			1	N	76						b	
2	.92	67	70	56.½					3	N	72						bc	
3	.93	65	66	58					1	N	69						c	
4	.92	62	66	54					3	N	54						b	
5	.91	60	68	51					3	N	71						b	
6	91	57	75	41	d				1	SE	62						b	
7	30.00	64	74	53	.78	9.30			–	–	95						0d	
8	30.05	66	72	58					–	–	95						0	
9	30.01	67	73	50					–	–	95						b	Dew
10	29.83	62	72	45					1	S	90						bc	"
11	30.03	66	74	44					2	S	90						0	
12	29.86	67	76	61					4	S	72						bc	
13	.97	70	75	61					–	–	90						0	
14	30.05	70	75	55					2	S	90						0	
15	29.97	69	73	55					–	–	85						0	
16	.87	70	73	54	.12	9.42			–	–	68						c	Dew
17	.95	69	64	62	.05	9.47			–	–	85						bc	
18	30.02	63	60	42						–	100						b	Dew
19	30.10	62	45	42					–	–	78						b	Hoar frost
20	29.99	60	63	–					–	–	–						c	" "
21	30.09	50	68	–					–	–	48						0	" "
22	30.03	52	68	–					–	–	86						0	
23	30.10	57	68	–					–	–	87						0	Dew
24	30.10	50	68	–					–	–	–						b	"
25	30.08	50	64	–					–	–	–						b	
26	30.12	57	68	–					4	S	76						b	
27	30.10	59	65	–					4	↓	70						bc	
28	30.10	59	55	–					2	S							b	
29	30.17	57	57	–					4	↓							b	
30	30.10	63	55	–					3	↓							b	
31																		
Totals	900.26	1867.5	2035	998	.95				40									
Averages	30.01	62.25	67.63	53.05														

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.	30.19	29th	
"	Min.	29.87	16th	
"	Average	30.01		
Thermometer	Max.	76		12th
"	Min.	42	18th, 19th	
"	Average	60.34		
Rainfall in inches		.95		
" "	(Highest daily)	78	7th	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

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

Prevailing Winds ✓

METEOROLOGICAL OBSERVATIONS

AT

INTERNATIONAL COLLEGE

SMYRNA. TURKEY

OBSERVER Midhat Riza

METEOROLOGICAL OBSERVATIONS taken at the INTERNATIONAL COLLEGE **SMYRNA, TURKEY during** December **1927**

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	30.13	69	59	—					—									
2	" .13	70	61	—	.10	9.57			—									
3	" .07	67	61	—					—									
4	" .07	62	61	—					—									
5	" .10	68	60	—					—									
6	" .10	69	60	—					2	N								
7	29.93	71	54	—					2	S								
8	" .83	69	53	—	.96	10.51			2	S								
9	" .81	68	54	—	2.60	13.10			2	S								
10	" .69	70	52	45	.10	13.21			2	S								
11	" .83	63	57	43					—	—								
12	" .90	63	54	36					2	N								
13	" .78	64	62	32	.15	13.36			4	N								
14	" .60	70	67	37	.88	14.24			1	S								
15	" .56	71	65	38	.63	14.87			1	S								
16	" .57	67	62	39	1.25	16.12			1	S								
17	" .47	68	61	38	.93	17.05			3	S								
18	" .57	71	61.5	38	.75	17.80			—	—								
19	" .30	69	53	49	.50	18.30			6	S								
20	" .83	61	37.5	25	.10	18.40			—	—								
21	" .79	66	38	26					2	S								
22	30.00	67	41	29					1	N								
23	" .00	69	53	29	.20	18.60			1	S								
24	29.85	69	57	49	.40	19.00			1	S								
25	" .70	70	63	29	1.25	20.25			1	S								
26	" .82	70	65	26	.10	20.35			1	S								
27	" .80	66	63	50					1	S								
28	" .95	67	65	48					1	S								
29	" .96	68	65	38														
30	" .83	62	61	36	.35	20.70												
31	" .90	65	61	35														
Totals	924.87	2089	1786	815	8.95	20.70												
Averages	29.83	67.38	57.61	38.80	.283													

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.	30.15	1, 8 & 20	
"	Min.	29.30	19	
"	Average	29.83		
Thermometer	Max.	65	15	
"	Min.	25	26	
"	Average	43.20		
Rainfall in inches				
" "	(Highest daily)	2.60	9	
No of Earthquakes Tremors etc.				
Wind Velocity, Max				

Directions

N.	4
N. E.	
E.	
S. E.	
S.	16
S. W.	
W.	
N. W.	

Prevailing Winds S

SPECIAL REMARKS

SECRETARY