

1939

Morn 9 hrs.

Anemometer.

Clouds.

Weather.

Siro Auto

JANUARY

Bar.
m. b.Att.
per.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Rain Gauges

mm

1	975.9	37.8	35.0	34.6	ESE	1	10	nim	of. r.	ok. off.	.10	.10	.10	2.6
2	992.7	37.2	35.0	33.5	NNW	2	2	cu	bc	o. p. b.	.01	.01	.11	0.2
3	999.7	35.2	28.8	27.2	SW	1	2	cu	bem	b. fm	.17	—	.28	4.3
4	991.6	34.5	27.3	26.8	E	1	7	A-cu cu	c.	o. p. d.	—	—	—	—
5	1001.4	31.4	18.0	17.2	E	1	8	st-cu	cm	b. m. ch	—	—	—	—
6	1004.9	28.0	16.1	15.4	SE	0	8	st-cu	om	b. ff. cm	.29	.29	.57	7.3
7	994.4	39.4	52.1	51.4	SW	3	10	nim	o. do.	ov. o.	.12	.12	.69	3.1
8	992.6	41.4	46.7	45.7	SSW	3	10	A-st st-cu	o	o. op.	.46	.46	1.15	11.8
9	987.7	42.8	45.1	42.9	SW	3	3	cu	bc.	ov. cb.	.31	.31	1.46	7.9
10	1000.5	38.8	33.4	31.0	SW	1	0	—	b.	b.	—	—	—	—
11	989.3	37.4	33.4	32.5	NE	2	10	A-st st-cu	om	b. m. o.	—	—	—	—
12	984.8	36.0	31.9	31.0	SW	2	3	cu	bem.	b. m. bem	.17	.17	1.63	4.4
13	988.8	36.0	33.8	32.2	SW	1	0	—	b. fm.	b. b. m.	.01	.01	1.64	0.2
14	986.5	36.2	37.6	35.4	SE	2	10	A-st nim	or.	b. or.	.48	.48	2.12	12.1
15	964.1	41.2	46.0	42.2	S	5	6	A-st st-cu	cb.	ov. cb.	.12	.12	2.24	3.0
16	959.0	42.2	45.6	43.4	S	5	8	A-cu st-cu	c.	b. or. c.	.24	.24	2.48	6.0
17	971.0	43.2	46.0	45.4	SW	1	10	st-cu	om	ov. o.	.19	.19	2.67	4.9
18	978.0	43.0	43.8	41.8	NE	2	10	st-cu	og.	op. o.	—	—	—	—
19	995.5	42.4	40.2	39.0	NE	1	7	A-cu st-cu	cb.	o	.11	.11	2.78	2.7
20	982.7	42.8	45.3	43.5	SE	2	3	cu	bc	od. bc	.11	.11	2.89	2.7
21	978.9	44.0	43.9	43.4	SW	1	10	nim	omv	o. ov.	.04	.04	2.93	1.0
22	984.4	41.0	37.1	35.8	S	4	10	nim	od.	b. c. or.	.11	.11	3.04	2.9
23	994.3	42.0	41.7	39.7	NW	4	8	A-cu st-cu	c.	or. c.	.02	.02	3.06	0.6
24	1011.3	38.8	33.4	31.8	SW	2	2	A-cu	bc.	b. bc	.08	.08	3.14	2.1
25	990.5	37.4	28.0	27.0	W	1	2	A-cu	bc	o. s. s.	.05	.05	3.19	1.3
26	998.9	37.4	36.8	34.5	NE	3	9	A-st st-cu	c	or. c.	—	—	—	—
27	1005.9	38.2	38.2	35.8	N	1	2	cu	bc.	cb. bc	—	—	—	—
28	1008.0	37.6	34.2	33.2	NE	1	5	A-cu st-cu	bc. m.	b. bem	—	—	—	—
29	1011.6	37.0	33.9	32.7	NE	1	6	A-st st-cu	cb.	b. cb.	—	—	—	0.1
30	1010.9	37.4	36.9	33.0	NE	3	6	st-cu	cb.	o. cb.	—	—	—	—
31	1008.3	37.4	37.7	34.7	E	3	4	A-cu st-cu	bc.	bc	—	—	—	—

3.19 3.02

19...19...

Corrected Barometer

Humidity

Temp

In Ground

Visibi

January	Alt Therm	Bar.	Bar.	%	V.T.	on grass	In Ground		City
	192004	m.b.	ins						
1	76.2	995.8	29.410	96	6.6	32.0	37.0	42.4	D.
2	5.9	1002.8	29.612	85	5.8	27.4	36.9	42.4	K
3	4.8	1010.2	29.831	91	4.9	20.0	36.1	42.2	I
4	4	1002.1	29.592	91	4.6	23.6	35.8	42.2	J
5	2.6	1012.4	29.896	80	2.7	18.1	35.3	42.0	H
6	0.8	1016.3	30.011	80	2.5	26.8	35.0	41.9	G
7	7.1	1004.2	29.654	95	12.6	40.9	35.6	41.7	I
8	8.2	1002.1	29.592	92	10.0	44.8	35.9	41.5	K.
9	9.0	997.1	29.444	83	8.4	40.1	40.6	41.6	J
10	6.8	1010.7	29.846	75	4.9	25.2	39.8	41.8	J
11	0	999.5	29.515	91	5.8	25.1	37.7	42.0	I
12	5.2	995.1	29.385	90	5.4	25.7	36.6	42.0	I
13	...	999.2	29.506	83	5.5	25.9	36.0	42.0	I
14	3	996.6	29.429	79	6.0	22.9	35.9	41.8	J
15	8.1	973.3	28.742	74	7.8	40.9	37.8	41.6	J
16	7	968.1	28.588	83	8.6	39.2	39.1	41.6	K
17	9.2	980.2	28.945	95	10.0	40.8	40.5	41.6	H
18	1	987.4	29.158	84	8.1	40.9	41.1	41.8	I
19	8.8	1005.1	29.680	89	7.5	37.2	41.1	42.0	J
20	9.0	992.0	29.294	86	8.8	35.8	41.3	42.1	J
21	7	988.2	29.181	96	9.4	41.8	41.0	42.2	G
22	8.0	994.0	29.353	87	6.5	27.3	41.1	42.4	I
23	6	1003.9	29.645	83	7.4	38.8	41.0	42.7	K
24	6.8	1021.4	30.162	83	5.4	24.0	39.7	42.8	J
25	6.0	1000.7	29.550	86	4.5	16.1	38.0	42.8	I
26	6.0	1009.1	29.798	77	5.8	28.9	37.6	42.6	K
27	4	1016.1	30.005	77	6.0	28.2	37.4	42.3	K
28	1	1018.3	30.070	90	6.0	22.6	37.2	42.1	H
29	5.8	1021.9	30.176	87	5.7	23.1	36.7	42.0	J
30	6.0	1021.2	30.156	62	4.6	32.2	36.4	41.8	K
31	...	1018.6	30.079	72	5.5	30.1	36.7	41.7	K

Heavy rain early. Foggy - light rain at obsn

Slight frost early. Fine, bright morn.

Smart frost early. Misty morn. Cold.

~~Bright morn~~ Cloudy aft. Heavy snow during night. Lying.

Very keen frost. Very cold.

Very keen frost. Very cold morn. Cloudy.

Very damp morn. Very mild.

Damp morn. Overcast. Mild.

Rain till 5 hrs. Fairly bright morn.

Fine, bright, frosty morn.

Frost early. Overcast morn. Cold.

Frosty, misty morn. Cold.

Passing sleet early. Bright morn. Dangerous glazed frost.

Raining at obsn. Glazed frost morn.

Rain early. Windy morn.

Some rain early. Fine, cloudy morn.

Rain early. Overcast, dull morn.

Overcast, gloomy morn.

Fine morn. Cloudy.

Fine, fairly bright morn.

Raining since 5 hrs. Misty, wet morn.

Ground frost early. Rain 7 hrs. Drizzle obsn. Cold, breezy

Some rain early. Cloudy morn. Breezy.

Frosty morn. Bright.

Snow early. Snow lying. Fine morn. Cold

Rain early. Fine morn. Cloudy. Glazed frost.

Fine morn. Bright.

Fine, frosty morn. Misty.

Fine, frosty morn. Rather cloudy. Cold.

Fine, rather cloudy morn.

Slight ground frost early.

1939

Even 21 hrs.

Anemometer.

Clouds.

Weather.

Temperature

JANUARY

Bar.
m. b.Att.
d. per.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max

Min

JANUARY, 1939.

JANUARY	Bar. m. b.	Att. d. per.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max	Min	
1	983.4	37.4	36.4	34.6	N	1	10	st.	o.	o. ps, lo.	37.8	32.2	Total Rainfall - 3.19 inches
2	997.4	37.4	31.9	31.4	W	1	2	cu	bc.	b. bc.	40.2	32.1	Total Sunshine - 58.3 hours.
3	994.6	35.6	32.0	30.6	SW	2	10	st.	o.	b. c. o.	34.9	27.6	
4	997.7	33.6	19.3	18.6	E	1	0	-	bm	c. bc. bm	32.9	19.3	Max. temp. - 54.3°F on 7th January.
5	1003.4	31.4	20.8	19.8	E	1	0	-	bf.	bm. bf.	27.2	17.2	Min. temp. - 12.4°F on 6th January.
6	997.5	35.0	42.4	41.7	SE	4	10	nim	od.	o. ov.	42.6	12.4	
7	982.9	42.8	52.6	49.8	WSW	4	10	str	o.	ov.	54.3	42.1	Lowest max. temp. - 27.2°F on 5th
8	990.4	42.4	44.9	44.2	SW	2	10	nim	oh	o. ov.	52.8	44.5	Highest min. temp. - 44.5°F on 8th.
9	994.2	41.7	36.2	35.7	W	1	0	-	b.	b. o. oh. b.	47.6	36.2	
10	995.6	38.8	29.7	28.8	E	1	0	-	bm	b. bm	43.1	29.4	mean max. temp. - 42.7°F
11	987.0	36.7	31.3	29.8	W	1	0	-	bm	o. c. bm	37.0	29.0	mean min. temp. - 32.6°F
12	984.8	36.8	32.1	29.4	W	1	4	A. st.	bc.	o. c. b.	37.7	30.5	
13	990.1	37.0	31.9	31.1	SW	1	0	-	bf.	b. bm	40.6	31.0	mean temp. for month - 37.7°F.
14	967.1	38.8	42.1	41.1	SE	6	10	nim	ov.	ov. Rh.	42.9	27.4	
15	959.6	41.4	41.5	39.8	SSW	5	0	-	b.	b. op. b.	52.7	41.2	min. grass temp. - 16.1°F on 25th
16	962.1	43.2	46.1	43.9	S	5	6	st.	cb.	o. c. b.	48.4	41.0	
17	971.9	43.0	42.2	40.9	E	2	10	st.	o.	o. ov.	47.6	42.0	Highest Bar. M.S.L. - 1021.9 mb. on 29th
18	988.5	42.8	41.3	39.8	NE	1	10	st.	o	o	44.4	41.0	Lowest Bar. M.S.L. - 968.1 mb. on 16th
19	985.7	42.8	44.1	42.9	SSW	6	10	nim	o. g. x	o. c. o. g. v.	45.2	39.6	
20	981.8	44.6	46.0	44.5	SE	1	10	st.	o	cb. o.	49.7	41.6	Highest Daily Rainfall - 0.48 ins. on 14th
21	995.1	43.2	38.0	37.0	W	1	0	-	b.	o. o. b.	47.7	37.8	
22	970.9	42.2	41.0	40.7	SW	1	10	st.	of.	ov. of.	45.1	33.0	
23	1008.9	40.7	34.0	32.8	W	1	0	-	b.	ov. c. bc.	44.4	33.9	
24	1001.4	39.6	31.6	30.7	S	2	0	-	b.	b.	42.8	31.2	
25	998.9	37.6	31.9	30.0	N	1	9	st.	c.	b. op. c.	37.4	25.6	
26	1001.4	38.4	37.4	35.7	NE	3	7	st-m	cb.	c	41.2	31.7	
27	1006.8	38.8	31.0	30.1	-	0	8	st-m	cb.	b. c. b. c.	43.0	30.5	
28	1009.9	38.6	32.2	31.4	NE	1	0	-	b.	b.	41.1	31.0	
29	1011.3	37.8	36.8	33.3	NE	1	10	st-m	o.	c. cb. o.	38.8	29.8	
30	1009.3	37.8	37.4	34.7	E	4	2	cu	bc.	b. c. bc.	41.2	35.1	
31	1005.8	38.5	37.7	34.7	E	3	4	st.	bm	b. bc.	40.7	35.0	
											1323.0	1011.9	

19...39...

Corrected Barometer

Humidity

January	Alt. Therm 17° 2000'	Bar. in. b.	Bar. in.	%	V. T.	Sun- shine	Visi- bility
1	76.0	997.3	29.332	82	6.0	0.0	J
2	...	1007.7	29.757	94	5.8	3.4	J
3	5.0	1005.0	29.677	85	5.2	2.9	J
4	3.9	1008.5	29.781	83	3.0	0.4	J
5	2.6	1014.5	29.958	80	3.1	4.0?	I
6	4.7	1007.8	29.760	94	8.6	0.0	H
7	9.0	992.2	29.300	81	10.9	0.0	J
8	8.8	999.8	29.524	94	9.5	0.0	G
9	4	1003.9	29.645	95	6.9	1.4	H
10	6.8	1005.7	29.698	89	4.9	5.0?	H
11	5.6	997.2	29.447	83	5.0	0.0	I
12	7	995.0	29.382	71	4.3	0.3	K
13	8	1000.2	29.536	91	5.6	6.4	E
14	6.8	976.8	28.845	91	8.3	0.0	H
15	8.2	969.0	28.614	85	7.5	2.8	H
16	9.2	971.2	28.679	83	8.7	0.0	I
17	1	981.2	28.975	89	8.1	0.0	H
18	0	998.0	29.471	87	7.7	0.0	J
19	...	985.7	29.107	90	8.8	0.2	H
20	80.0	990.0	29.235	88	9.3	1.2	J
21	79.2	1004.7	29.668	91	7.0	0.0	J
22	8.7	980.2	28.945	97	8.5	0.0	F
23	7.8	1018.0	30.061	87	5.8	2.3	J
24	2	1011.6	29.872	90	5.4	5.8	I
25	6.1	1001.1	29.562	80	4.8	3.5	H
26	5	1011.5	29.869	84	6.3	0.3	J
27	8	1017.1	30.035	89	5.2	4.2	J
28	7	1020.1	30.123	91	5.6	5.3	I
29	2	1021.6	30.167	66	4.9	1.0	I
30	...	1019.6	30.108	74	5.6	1.6	J
31	6	1015.9	29.999	77	5.7	6.3	H

2691
12

58.3

Dull day. Passing snow, followed by rain aft. Overcast night.
 Mostly bright day. Some clouds eve. Fine night. Cold. Freezing.
 Bright until 12 hrs. Cloudy aft. Overcast night. Cold.
 Snow lying all day. Very cold night. Keen frost.
 Bright day, tho' misty. Very cold. Freezing keenly. (Lowest Max since).
 Sudden rise of temp from 16.1 @ 9 hrs. to 40 @ 12 hrs. Thaw. Rain aft & eve. Warm. Dull night.
 Very damp day. Windy. Very warm.
 Dull. Rain since 15 hrs. Wet night.
 Mostly cloudy. Rain afternoon. Heavy at times. Clear night. Cooler.
 Fine, bright day. Misty eve. Freezing at night. Colder. Estimated S.S. 5.0 hrs
 Overcast or cloudy day. Clear night, misty. Freezing.
 Dull day. Cool.
 Bright day. Fog at night. Very dangerous glazed frost.
 Wet day. Rain at night. Windy.
 Fairly bright forenoon. Heavy shower 18 hrs. Clear night, Windy.
 Overcast or cloudy day. Rather cloudy night. Breezy.
 Dull, raining most of day. Overcast night.
 Dull day. Overcast night.
 Mostly cloudy or overcast day. Squally, rain at night.
 Mostly overcast day. Dull night.
 Overcast day, clearing eve. Fine clear night. Cooler
 Rainy day. Foggy night.
 Rain forenoon, clearing mid-day. Bright periods aft. Fine, clear night. Cooler
 Bright day. Fine night. Freezing.
 Bright intervals. light passing snow aft. Cloudy night.
 Cloudy day. Snow almost gone. Fine, cloudy night.
 Mostly fine & bright day. Clouds aft. Cloudy night.
 Bright day. Clear night. Freezing.
 Cloudy morn. Overcast aft & night. Warmer.
 One or two short bright periods. Mostly cloudy. Clear night. Cold wind.
 Bright, but cool day. Fine night, some clouds, slight mist.

Morn. 9 hrs

Clouds.

Weather.

8 ins Auto

Rain Ganges

4. m.

FEBRUARY

Bar.
M. L.

Att.
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.

Since
last obs.

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1939

Morn. 9 hrs

Anemometer.

Clouds.

Weather.

8 ins Auto

MARCH

	Bar. m. b.	Att. Ther. °F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain Gauge		M. m.	
1	989.3	38.6	37.0	34.6	SW	2	7	sc st-cu	cb.	bc, cb.	.13	.13	.13	3.3
2	985.0	43.2	50.1	48.8	S	5	10	nim	od	or, dd	.13	.13	.26	3.2
3	994.6	44.0	45.2	41.7	S	4	2	A. cu	bc	c. bc	.07	.07	.33	1.9
4	988.6	46.4	48.1	44.9	S	4	3	A. cu	bc	o, p, bc	.30	.30	.63	7.6
5	989.5	46.2	45.2	42.0	SW	5	2	A. cu	bc	or, c. bc	.07	.07	.70	1.7
6	1002.3	44.4	41.8	39.6	SW	3	6	A. cu st-cu	cb	bc, cb	.08	.08	.78	2.1
7	1010.3	42.8	35.3	34.7	SW	2	8	cu-nim br. str.	c, p.	or, bc, or	.08	.08	.86	2.1
8	1004.2	44.2	47.0	42.8	WSW	5	10	cu-nim	o, p.	dd, q.	.87	.87	1.73	22.1
9	1010.8	43.8	49.1	48.6	W	1	9	str.	c	or, c	h	h	—	5.
10	1018.6	44.2	40.3	39.8	SW	2	10	str.	of.	b. off.	.15	.15	1.88	3.7
11	1010.7	45.2	45.1	44.6	SW	1	10	nim	or	o, or.	.06	.06	1.94	1.6
12	1028.0	42.0	40.2	37.4	SW	1	2	cu	bc.	bc	—	—	—	—
13	1028.7	45.0	47.0	45.0	W	1	9	A. str st-cu	c	o, c.	—	—	—	—
14	1026.9	46.2	45.8	46.7	W	2	9	A. str st-cu.	c.	o, c	.02	.02	1.96	0.4.
15	1025.9	46.8	47.1	45.8	N.W	1	9	A. str. str.	C.	o, rr.	.01	.01	1.97	0.2
16	1026.8	47.0	48.9	46.5	W	1	9	alt. str. st-cu	C.	o, c.	.02	.02	1.99	0.5
17	1015.6	45.3	46.0	43.7	N	2	4	Cu	bc	b, bc	.08	.08	2.07	2.0
18	1019.3	44.7	38.9	38.0	S	2	10	Nim.	or.	b, o, or	.09	.09	2.26	2.2
19	1017.1	44.6	42.8	40.0	N	2	10	sh alt. str.	o.	o, bc, o.	trace	trace	—	Trace.
20	1019.7	44.6	46.0	44.7	W	2	10	alt. str. alt. str.	o, pd	cb, o.	—	—	—	—
21	1007.0	44.6	44.2	41.0	W	3	10	alt. str. str. cu	o,	bc, o	0.32	0.32	2.58	8.8
22	989.3	43.2	34.0	33.0	SW	4	4	Cu	bc	or, p, c.	0.15	0.15	2.73	3.7
23	991.1	43.2	40.0	37.8	W	3	2	alt. cu Cu	bc	c, or, bc	0.02	0.02	2.75	0.4
24	993.0	43.2	39.4	37.8	W	2	6	alt. cu Cu	cb	cb	0.22	0.22	2.97	5.5
25	1003.2	42.6	42.9	40.7	NW	1	4	alt. cu Cu	bc	bc, b	trace	trace	—	0.1
26	1021.0	41.0	39.0	36.8	NNE	2	7	alt. cu Cu	cb.	b, bc.	0.02	0.02	2.99	0.4
27	1013.9	41.0	35.8	34.1	ENE	2	6	alt. cu Cu	cb	b, or, p, d	0.11	0.11	3.10	2.8
28	1002.4	41.4	38.9	37.9	NNE	3	10	Nim	od	or	0.03	0.03	3.13	0.7
29	998.0	41.0	38.0	37.3	NE	3	10	Nim.	od.	cb, or	0.02	0.02	3.15	0.5
30	1003.9	40.8	39.2	38.8	NE	1	10	str	om	b, bc, sm	—	—	—	—
31	1003.7	42.4	41.0	38.1	E	4	6	alt. cu Cu	cb	bc, cb	—	—	—	—

3.06

1939

Corrected Barometer

Humidity

Feb.	Att Therm A° 100ft	Bar in. 6.	Bar in.	% a	V. T.	Sum shine	Visibi lity
1	76.2	1019.1	30.094	78	5.4	0.0	J
2	0	1019.0	30.091	87	5.5	0.1	H
3	9	1018.1	30.064	77	6.9	0.0	K
4	8.3	1017.8	30.053	82	9.0	0.0	K
5	80.2	1018.1	30.064	81	10.4	0.5	K
6	1.3	1013.9	29.940	70	48.8	0.1	J
7	9	1015.3	29.982	78	9.2	2.0	I
8	7	1004.8	29.671	91	10.8	0.1	I
9	9	1014.1	29.946	90	12.3	0.0	G
10	3.1	1023.4	30.221	86	12.7	0.0	I
11	2.8	1014.7	29.964	82	10.1	0.9	I
12	0.8	1016.2	30.008	89	7.3	4.2	I
13	2	1031.6	30.463	95	7.4	4.1	H
14	1.0	1029.3	30.393	83	9.5	0.0	I
15	0.8	1019.5	30.105	74	7.2	0.0	J
16	79.1	1018.9	30.088	85	6.1	6.1	J
17	2	1011.7	29.873	85	6.5	1.1	H
18	80.2	1013.6	29.931	87	10.3	0.2	J
19	0	1024.6	30.256	83	6.8	3.9	I
20	1	1014.4	29.955	80	8.1	2.7	H
21	2	999.4	29.512	89	7.5	0.0	I
22	79.2	982.8	29.022	93	7.1	3.5	H
23	8.2	991.6	29.282	75	5.7	0.0	J
24	9.0	1005.3	29.686	72	6.6	6.6	J
25	7.9	1001.0	29.559	90	5.9	1.2	J
26	1	1006.5	29.722	90	5.9	1.6	I
27	2	996.7	29.432	76	5.7	0.2	J
28	7.0	988.7	29.196	95	5.8	2.1	J
29				23.4 30.4		41.0	
30							
31							

Overcast all day. Dull night.

Overcast, cold day. Sky clearing eve. Misty night. Freezing

Dull day. Overcast night. Warmer breezy

V. slight passing showers 15 hrs Overcast, mild night.

Very mild. Mostly dull breezy day.

High wind. Dull overcast day.

Dull morn. Bright periods aft. Cloudy night. Mild.

Overcast day. Rain 16-30 hrs. Mild night. Raining

Overcast, rainy day. Gloomy, threatening night. Mild.

Dull day. Warm. High wind.

Some rain aft. Fine, breezy night.

Bright intervals. Passing showers. Fine night.

Mostly bright day. Some clouds eve. Mist at night

Overcast day. Dull night.

Dull day. Fine, clear night. Windy.

Mostly bright day, very slight passing sleet 14 1/2 hrs Cold. Clear night.

Dull morn. Some showers aft. Fine night - misty

Mostly overcast. Showers Dull night.

Clouds forenoon. Bright aft. Fine night. Misty

Bright intervals forenoon. Cloudy or overcast later. Dull night. Windy

Overcast day. Some heavy showers Fine night.

Bright forenoon. Overcast aft & eve. Raining at night.

Dull day. Cold. Fine night.

Bright day, becoming cloudy evening. Overcast at night.

Cloudy day. Hail 15 1/2 hrs Showers. Clear night Colder

Mostly cloudy or overcast day. Some snow aft & eve. Cold, cloudy night

Showery day. Fine night. Cold.

Passing snow showers 11 1/2 hrs. Fine later. Bright intervals aft. Cold night

1939	Corrected Barometer			Humidity		Temp	In Ground		Visibi
March	Alt Therm At 200+	Bar. m. b.	Bar. ins	%	V. T.	on grass	1. ft.	4. ft.	city
1	76.7	999.2	29.506	77	5.7	26.1	39.2	43.1	K
2	9.2	994.4	29.365	91	11.1	44.4	41.0	43.0	I
3	7	1003.9	29.645	73	7.4	36.9	42.8	43.0	L
4	81.0	997.6	29.459	76	8.7	43.4	43.3	43.1	K
5	0.9	998.5	29.486	75	7.7	37.8	43.9	43.2	K
6	79.9	1011.8	29.878	81	7.1	35.1	43.1	43.2	J
7	0	1020.0	30.120	94	6.5	30.4	42.2	43.3	J
8	8	1013.8	29.937	68	7.5	37.2	42.1	43.5	I
9	6	1020.5	30.135	96	11.4	36.3	42.1	43.5	I
10	8	1028.4	30.569	95	8.0	32.1	43.7	43.4	F
11	80.3	1020.3	30.129	96	9.8	41.9	44.2	43.4	J
12	78.6	1038.0	30.652	75	6.3	23.6	43.0	43.8	J
13	80.2	1038.3	30.661	85	9.3	40.2	43.6	43.8	K
14	9	1056.5	30.602	85	10.0	43.9	44.6	43.8	K
15	1.2	1035.2	30.569	90	9.9	40.9	46.0	43.9	J.
16	1.3	1026.1	30.300	82	9.7	40.8	45.9	44.0	J.
17	80.3	1025.0	30.268	82	8.7	28.9	46.3	44.3	L
18	79.4	1029.1	30.389	91	7.3	26.1	44.0	44.3	H
19	80.0	1026.8	30.321	76	7.2	30.9	44.1	44.6	J
20	80.0	1029.1	30.389	90	9.5	35.9	44.2	44.6	I
21	80.0	1016.6	30.020	74	7.3	32.0	44.7	44.8	K.
22	79.2	998.7	29.492	90	5.9	31.2	44.3	44.8	J
23	79.0	1000.7	29.551	80	6.7	30.9	43.3	44.9	K.
24	79.0	1002.4	29.601	86	7.0	30.0	43.3	44.8	L
25	78.9	1012.8	29.908	81	7.6	23.2	43.4	44.4	K
26	78.0	1031.0	30.445	79	6.5	18.4	42.9	44.5	K
27	78.0	1023.9	30.236	83	5.9	24.0	42.1	44.5	J
28	78.2	1012.3	29.893	91	7.3	35.4	42.1	44.2	I
29	78.0	1007.9	29.763	93	7.2	32.0	42.0	44.1	J.
30	77.9	1013.8	29.937	96	7.8	26.6	42.0	44.1	G
31	78.8	1013.3	29.922	76	6.5	29.6	42.2	44.0	K

Fine, rather cloudy morn
 Dull morn. Warmer, drizzle
 Fine, bright morn
 Psg showers early. Fine, fairly bright morn
 Heavy rain till 2 hrs Bright windy morn
 Fine, rather cloudy morn.
 Showers. Cold morn. Passing shower obsn
 Some rain early. Windy morn. Light rain obsn
 Rain nearly all morn Warmer. Cloudy.
 Foggy morn
 Rain since 6 hrs Overcast, act morn.
 Ground frost early. Fine, bright morn
 Fine, but cloudy.
 Fine morn. Cloudy, mild.
 Rain 4-8 1/2 hrs. Cloudy morning.
 Overcast early. Cloudy at obsn.
 Slight ground frost early. Fine, fairly bright morn.
 Rain since 4 1/2 hrs. Wet morning.
 Fine morn. Overcast at obsn.
 Fine early, Passing drizzle at obsn. Threatening.
 Bright, mild morn, Overcast at obsn.
 Breezy morn. Passing snow at 9 hrs. Bright.
 Bright morning.
 Fine, Rather cloudy morning.
 Ground frost early. Fairly bright morning.
 Ground frost early. Fine morn at obsn.
 Drizzle early. Slight passing snow shower 9 hrs, clearing
 Continuous rain since 0 hrs. Drizzle at obsn.
 Light drizzle early. Dull morn.
 Ground frost early. Calm, misty morn.
 Fine breezy morn. Brightening.

1939

Even 21 hrs

Anemometer.

Clouds.

Weather.

Temperature

March

	Bar. m.b.	Att. Ther. °F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max	Min
1	982.8	42.8	47.8	46.6	S	5	10	cu-nim	od	b. or, od	48.1	51.9
2	985.2	46.8	52.0	49.3	SSW	7	10	nim	og d	c. odd	53.4	45.7
3	987.8	45.4	46.8	45.4	S	6	10	fr. str	o	b. c. op	52.0	40.0
4	988.8	46.2	45.8	41.2	S	4	6	cu	cb.	b. cb.	54.3	42.8
5	997.3	46.2	42.1	39.7	SW	4	0	—	b.	b. ep. b.	52.2	41.0
6	1006.3	45.0	38.0	35.8	SW	4	7	st. cu-nim	cb. p.	b. b. cb.	50.0	36.0
7	1010.3	44.2	42.3	40.0	SW	4	10	cu-nim	o. d.	o. p. p. cb. op	46.1	35.7
8	1008.6	42.6	37.0	36.3	SW	2	10	nim	o ✓	o ✓	48.2	36.1
9	1016.2	46.0	47.4	46.0	W	1	2	str	b. c. m	o. p. o	53.7	36.7
10	1016.5	47.0	45.1	42.7	SW	1	10	str	om	o. b. c	52.9	39.1
11	1021.9	45.2	35.8	34.4	W	1	0	—	bm	o. p. b.	49.0	35.6
12	1029.2	45.0	42.8	39.7	SW	1	10	str	o.	b. c. o	52.9	31.4
13	1027.7	46.2	46.9	44.5	W	1	10	sh	o.	o. c	53.8	42.1
14	1025.0	48.0	48.1	45.5	NW	4	10	str	o.	o, b. c.	56.1	45.8
15	1023.4	47.8	46.0	44.3	W	1	10	str	o	c, b. o	54.2	45.4
16	1014.8	47.2	42.1	40.7	W	2	0	—	b.	o. p. o. b.	53.2	42.1
17	1019.8	44.2	36.8	34.5	N.E	1	0	—	bm.	b, b. b.	50.1	36.3
18	1015.2	46.2	45.8	44.8	N	2	10	str nim.	og.	o. d.	51.2	32.0
19	1015.1	44.6	37.3	36.0	N.NW	1	10	str	o.	b. c. c	47.2	36.2
20	1010.7	45.2	41.1	37.9	WNW	2	3	str	b. c.	b. c.	55.0	41.0
21	994.6	46.2	47.0	46.1	SSW	5	10	nim	o. o.	o, o.	50.0	38.4
22	985.8	44.0	37.8	36.0	W	4	7	str	cb.	b. c. ph. b.	47.9	33.1
23	990.5	44.0	37.0	34.8	W	2	4	str	b. c.	b. c. ph. b.	48.1	34.3
24	992.0	44.2	36.8	35.8	W	1	10	str	o	b. c. ph. o	51.0	32.9
25	1015.0	43.0	36.8	33.8	NE	1	1	alt-cu	b.	b. c. ph. b.	47.0	31.6
26	1017.5	42.8	36.8	35.7	NE	2	7	st-cu	cb	b. c. b.	47.0	28.2
27	1007.8	42.4	37.5	36.0	NNE	4	10	Nim alt cu	o. o.	cb, b. c. o	43.0	33.3
28	1002.0	42.6	40.1	38.5	NE	3	6	cu	cb	o. o. c.	45.7	35.6
29	998.4	42.4	39.9	38.5	ESE	1	10	cu st-cu	o.	c	43.9	36.5
30	1004.4	44.4	43.0	40.0	E	2	9	alt-cu cu	cm	cb, b. c.	50.4	32.6
31	1001.4	44.6	45.2	42.8	SE	2	10	str	cm	b. c. b. c.	48.4	31.7

March, 1939.
 max/min reversed.
 Total Rainfall - 3.15 inches
 Total Sunshine - 99.2 hours.
 Max. temp. - 56.1°F on 14th March
 Min. temp. - 28.2°F on 26th March
 Lowest max. temp. - 43.0°F on 27th
 Highest min. temp. - 51.9°F on 1st
 mean max. temp. - 50.2°F
 mean min. temp. - 37.4°F.
 mean temp. for month - 43.8°F
 min. grass temp. - 18.4°F on 26th.
 Highest Bar. M.S.L. - 1039.0 mb. on 12th
 Lowest Bar. M.S.L. - 992.2 mb. on 1st
 Highest Daily Rainfall - 0.87 in. on 8th

12

1556.0 1159.1

19...19...

Corrected Barometer

Humidity

March	Att	Therm		Bar.		%	V.T.	Sun- shine	Visibil- ity
	A°200+	m.b.	ino						
1	79.0	992.2	29.300	91	10.3	2.3	H		
2	81.2	994.1	29.356	81	10.7	0.0	H		
3	0.4	997.0	29.441	89	9.7	6.7	J		
4	.9	998.0	29.471	79	7.7	6.9	K		
5	...	1006.6	29.724	79	7.3	8.3	K		
6	.2	1015.8	29.996	77	6.1	7.1	J		
7	79.8	1019.9	30.117	81	7.7	1.3	H		
8	8.9	1017.2	30.038	93	6.9	0.0	H		
9	80.6	1025.8	30.291	89	9.8	0.0	H		
10	.9	1026.2	30.303	81	8.2	2.6	I		
11	79.2	1030.8	30.459	86	6.1	2.2	H		
12	80.2	1039.0	30.681	74	7.0	6.7	I		
13	.9	1037.1	30.625	81	9.0	0.0	I		
14	1.9	1034.3	30.643	80	9.2	0.9	G.		
15	1.8	1032.6	30.492	87	9.1	0.8	I		
16	1.4	1024.2	30.245	88	8.0	1.9	G		
17	79.8	1029.5	30.401	77	5.7	8.1	G		
18	80.9	1024.4	30.251	92	9.7	0.0	G		
19	80.0	1024.7	30.260	88	6.6	1.7	G		
20	80.3	1020.3	30.129	72	6.2	4.7	I		
21	80.9	1003.6	29.636	93	10.0	0.1	G		
22	79.7	995.2	29.388	83	6.4	5.5	G		
23	79.7	999.9	29.527	79	5.8	6.6	H		
24	79.8	1003.4	29.630	90	6.6	5.1	G		
25	79.1	1024.8	30.263	71	5.2	5.8	H		
26	79.0	1027.3	30.336	89	6.6	7.2	I		
27	78.8	1017.5	30.047	85	6.5	3.0	G		
28	78.9	1011.6	29.872	86	7.2	0.0	J		
29	78.8	1008.0	29.766	87	7.3	0.0	I		
30	79.9	1013.9	29.940	75	7.1	1.8	G		
31	80.0	1010.7	29.846	80	8.2	1.9	G		

99.2

Bright forenoon. Rain aft. eve. Drizzle at night.
 Showers. Windy day. Stormy night. Drizzle.
 Bright fine day. Cloudy eve. Overcast, windy night.
 Bright day. Some clouds eve. Fine night. Colder.
 Fine, bright day. One or two showers. Clear night.
 " " " Rather cloudy night, slight passing showers obs.
 Dull morn. Showers & passing snow shower. Cloudy or overcast day. Drizzle night.
 Nasty wet day. Dull, wet night.
 Dull day. Slight passing shrs. Fine night. Slight mist.
 Fine day. Some bright periods. Overcast night.
 Mostly overcast. Passing showers. Bright periods eve. Clear night.
 Bright day, quite warm. Clouds eve. Overcast night.
 Fine but overcast day. Dull night.
 Fine, mostly cloudy. One or two bright periods. Dull night.
 Mostly overcast day. Dull night.
 Overcast morn. Passing shower 14 hrs. Bright late afternoon. Clear night, colder.
 Bright day. Misty night. Colder.
 Drizzle all day. Gloomy night.
 Fine day. Dull overcast night.
 Fairly bright day. Breezy night.
 Overcast day. Rain 16 hrs. Dull night, breezy. Wet.
 Bright periods. Showers. Hail 17 hrs. Cloudy night.
 Bright periods. Hail 14 hrs and 17 hrs.
 Bright intervals. Hail 13½ hrs and 15 hrs, Wet evening. Dull misty night.
 Fine day, bright periods. Very slight passing hail 13 hrs. Fine clear night.
 Mostly bright day. Cool night.
 Fine bright morn. Dull overcast afternoon. Slight drizzle at obs.
 Light drizzling morn. Dull day. Clearing.
 Fine rather cloudy day. Threatening at obs.
 Calm. Mostly cloudy day. Misty night.
 Bright morn. Rather cloudy day. Dull misty night.

1939

Morn., 9 hrs

Anemometer.

Clouds.

Weather.

8 ins Auto

APRIL

	Bar. m.b.	Att. Ther. °F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	Inches	m.m.	
1	1000.5	44.6	46.0	43.7	E	2	4	alt-Cu Cu	bc, m	c, cl, bc	.08	.08	.08	2.0
2	994.0	46.0	39.4	38.4	SE	1	10	Nim	orr	cl, orr.	.02	.02	.10	0.4
3	984.7	44.6	46.0	42.8	ESE	4	9	Str-Cu	cl	cl, bc, cl	.29	.29	.39	7.4
4	977.9	44.7	39.7	38.1	ENE	5	10	Nim. alt-Cu	orr	orr.	.02	.02	.41	0.6
5	988.8	42.6	38.9	38.1	NE	1	1	Cu	bc	cl, bc	—	—	—	—
6	1001.3	42.2	44.1	40.7	N	1	6	alt-Cu Cu	cl	bc, cl.	—	—	—	—
7	1008.8	42.2	45.9	40.0	N	1	1	alt-Cu	bc	bc, bc.	.17	.17	.58	4.3
8	998.7	44.8	45.2	44.6	S	5	10	Nim	OR	o, orr.	.03	.03	.61	0.7
9	1004.1	47.2	52.0	50.3	S	1	10	Str	o	o	—	—	—	—
10	1002.9	47.7	50.9	44.9	SE	1	6	alt-Cu Cu	cl	bc, cl, c, cl	—	—	—	—
11	1001.1	50.0	53.9	49.7	E	1	6	ci-Cu St-Cu	cl, m	bc	.06	.06	.67	1.5
12	999.5	52.3	57.1	52.7	S	2	8	alt-Cu Cu	cl	bc, cl, or, cl	.04	.04	.71	1.0
13	993.2	52.4	53.0	49.5	S	4	9	Str	cl	od, OR, od.	.37	.37	1.08	9.3
14	989.4	51.8	52.9	48.1	SSW	4	7	alt-Cu Str-Cu	cl	cl, orr, cl	.25	.25	1.33	6.2
15	997.9	51.0	49.1	46.9	SW	3	10	Nim	od.	cl, orr, cl.	.13	.13	1.46	3.3
16	1004.1	50.4	47.4	42.8	W	3	4	alt-Cu Str.	bc	od, orr, cl	.04	.04	1.50	0.9
17	1007.4	49.5	51.5	46.8	NW	3	6	Cu	cl	bc, cl	—	—	—	—
18	1026.3	49.8	52.0	47.0	W	1	4	alt-Cu Cu	bc	cl, bc	—	—	—	—
19	1027.3	50.0	49.5	46.6	SW	1	3	Cu	bc	bc, bc, bc.	—	—	—	—
20	1021.7	51.4	52.9	47.2	SW	1	6	Cu	bc	bc, bc	—	—	—	—
21	1013.7	51.6	49.1	46.5	S	2	9	St-Cu	cl	bc, cl.	.09	.09	1.59	2.3
22	1008.1	48.4	49.3	43.8	NW	3	6	Cu	cl	od, bc, cl	.24	.24	1.83	6.2
23	998.2	49.5	46.2	45.6	SW	2	10	Nim	orr	cl, orr	.17	.17	2.00	4.2
24	987.1	48.2	47.5	43.5	W	2	6	Cu	cl	od, cl, orr	.27	.27	2.27	6.8
25	998.3	46.8	45.9	40.1	NE	1	6	Cu	cl	od, cl	—	—	—	—
26	1007.3	46.6	47.9	42.6	N	1	7	alt-Cu Cu	cl	cl, od, cl	.06	.06	2.33	1.5
27	1018.7	47.3	47.0	40.5	N	1	3	alt-Cu Cu	bc	bc, cl, bc	.04	.04	2.37	1.0
28	1019.0	47.7	46.9	45.7	N	1	10	Nim	od	cl, od, orr	.03	.03	2.40	0.8
29	1019.3	46.8	44.7	40.0	NE	1	9	alt-Cu St-Cu	cl	cl	—	—	—	—
30	1017.7	46.8	50.4	48.4	NE	2	4	alt-Cu	bc	cl	—	—	—	—
31											2.40	2.40	—	—

[illegible]

1939...

Even., 21 hrs.

Anemometer.

Clouds.

Weather.

Temperature

APRIL

Bar.
mbAtt.
Ther.
°F

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max

Min.

APRIL, 1939.

1	995.6	46.8	47.0	45.4	SE	2	10	Nim	orr.	bc, cl, orr	52.9	41.8	Total Rainfall. - 2.40 inches
2	988.5	45.0	42.2	40.1	SE	2	8	alt. cu	cl.	od, bc, cl	49.8	42.0	Total Sunshine. - 148.5 hours.
3	978.3	46.4	44.6	43.7	SE	4	10	Nim.	od	cl, orr, cl, orr	51.8	38.0	
4	981.6	44.2	40.9	37.7	NE	1	6	cu	cl.	od, o, cl	45.8	39.0	max. temp. - 65.5°F on 11th April
5	993.7	44.0	37.0	34.9	N	1	0	—	bc	bc, bc	51.0	29.4	min. temp. - 28.0°F on 7th April
6	1006.4	44.4	37.8	34.2	N	1	0	—	bc	cl, bc, bc	50.2	29.0	
7	1005.1	45.2	43.7	40.8	S	1	10	str	o	bc, cl, o	52.8	28.0	Lowest max. temp. - 45.8°F on 4th April
8	1002.1	47.6	52.7	51.1	SW	2	10	str	o	OR, orr, o	53.8	41.8	Highest min. temp. - 48.1°F on 13th April
9	1003.1	48.2	44.9	41.8	SE	1	4	st-cu	bc	o, c, cl	57.9	44.1	
10	1002.6	50.5	51.6	45.0	ESE	1	4	str	bc	cl, bc, bc, bc	58.6	41.0	mean max. temp. - 54.6°F
11	1000.3	54.2	57.9	51.7	SE	2	4	str	bc	cl, m, cl, bc	65.5	45.0	mean min. temp. - 39.4°F
12	995.8	53.6	53.5	51.6	S	6	9	str	cl.	cl, orr, o, s, cl	58.9	47.0	
13	990.6	52.2	50.0	47.9	S	4	9	Nim	od	cl, or, o, p, cl	61.1	48.1	mean temp. for month - 47.0°F
14	995.5	51.8	47.9	45.8	W	4	7	str	cl	cl, or, or, cl	56.2	45.0	
15	998.7	51.8	49.0	47.8	SW	3	10	Nim	od	od, orr, or, od	55.2	44.5	min. grass temp. - 19.0°F on 7th
16	1004.7	51.6	45.0	41.7	SW	6	2	str	bc	bc, or, bc, cl	55.0	44.0	
17	1020.8	50.5	44.0	41.8	NW	1	6	str	cl	cl, bc, cl	51.6	41.3	Highest Bar. M.S.L. - 1036.3 mb. on 19th
18	1026.8	51.8	47.8	44.8	SSW	1	1	str	bc	bc, cl	58.0	40.0	Lowest Bar. M.S.L. - 987.3 mb. on 4th
19	1024.6	53.2	48.2	44.0	SW	1	0	—	bc	bc, bc, bc	61.2	40.3	
20	1019.3	53.2	48.0	45.1	WNW	1	6	cu	bc	bc, bc, bc	62.3	42.1	Highest Daily Rainfall - 0.37 ins. on 15th
21	1003.0	49.6	43.0	40.5	W	4	9	Nim	od	cl, orr, or, cl	51.7	42.0	
22	1007.3	49.8	43.4	41.1	W	2	9	str	cl.	cl, m, cl	52.6	39.0	
23	992.1	50.2	46.0	44.8	W	2	9	Nim	od.	orr, cl, or	55.4	42.2	
24	988.1	49.0	40.6	39.9	W	0	8	str	cl	cl, bc, orr	53.3	38.0	
25	1004.9	48.2	38.0	36.8	N	1	4	cu	bc	cl, bc, cl	51.1	34.2	
26	1011.5	48.8	42.1	41.0	NNW	1	3	cu	bc	cl, orr, cl	55.2	33.7	
27	1021.1	50.4	42.6	39.7	N	1	9	str	cl	bc, cl	52.1	35.1	
28	1018.6	48.4	41.3	39.8	NE	1	9	cu	cl	orr, cl	52.0	36.3	
29	1019.1	47.8	41.9	39.6	NE	1	8	cu	cl	cl, bc, cl	50.8	33.1	
30	1014.4	48.4	41.9	40.4	NE	1	1	alt. cu	bc	cl	54.0	36.0	
31											1637.8	1181.0	

19.3.9.

Corrected Barometer

Humidity

APRIL	Att Therm A° 200+	Bar m. b.	Bar ins	%	V. T	Sun- Shine	Visibil- ity	
1	81.2	1004.7	29.656	87	9.6	5.2	G.	Bright intervals. Cloudy. Raining at obsn.
2	80.2	997.8	29.465	82	7.5	2.3	K	Mostly overcast day. Bright periods in afternoon. Cloudy night.
3	81.0	989.2	29.211	93	9.4	3.0	G	Fairly bright morn. Passing shrs aftnoon. Dull drizzly night.
4	79.8	990.9	29.261	72	6.3	0.0	H	Drizzly morn. Overcast day. Cloudy night.
5	79.7	1003.1	29.621	79	6.0	10.8	K	Bright clear day. Occasional clouds. Clear night. Ground Frost.
6	79.9	1015.9	29.999	65	4.9	7.5	K	Mostly fine day. Bright intervals. Clear night.
7	80.3	1014.6	29.961	76	7.3	6.5	G.	Forenoon fine. Overcast afternoon. Dull overcast night
8	81.7	1011.1	29.857	89	12.0	0.0	G	Mostly drizzling day. Dull overcast night at obsn.
9	82.0	1012.8	29.887	86	7.5	0.2	G	Mostly overcast; then cloudy day. Clearing at obsn.
10	83.3	1011.4	29.866	56	7.2	7.3	H	Very fine day. Clouds 1-4. Fine mild night at obsn.
11	85.3	1008.6	29.783	63	10.3	7.5	I	Fine bright day. Warmer. Clear night; heavy lightning at obsn.
12	85.0	1004.3	29.656	85	12.0	1.8	H	Mostly overcast day. Occasional drizzle. Breezy night.
13	84.2	998.1	29.473	85	10.4	2.1	H	Breezy day. Bright periods. Occasional Rain. Thunder 15 hrs. Drizzle at obsn.
14	84.0	1004.1	29.650	84	9.5	5.2	I	Mostly cloudy day. Heavy rain 11½ hrs. Bright periods. Dull night.
15	84.0	1007.3	29.745	91	10.8	0.0	H	Dull wet day. Drizzle at obsn.
16	83.9	1013.3	29.922	74	7.4	4.9	J	Fine breezy day. Drizzle 10½ hrs (G.M.T.). Bright periods. Clear breezy night.
17	83.3	1029.0	30.386	82	8.0	7.5	J	Fine day; bright periods. Milder. Clearing at obsn.
18	84.0	1035.6	30.581	77	8.7	5.1	K	Mild day. Bright intervals. Fine clear night.
19	84.8	1033.3	30.513	69	7.9	11.9	K	Bright mild day. Fine clear night.
20	84.8	1028.1	30.359	78	8.9	10.0	J	Fine mild day. Bright periods. Clearing at obsn.
21	82.8	1012.0	29.884	79	7.4	0.9	H.	Mostly overcast day. Rain 17½ hrs. (G.M.T.). Breezy night. Clearing
22	82.9	1016.3	30.011	81	7.7	5.7	J	Rather dull day. Bright intervals. Rain 9h.50m (G.M.T.). Cloudy night.
23	83.1	1001.1	29.562	91	9.5	0.9	I	Rain mostly all day. Bright periods. Light drizzle at obsn.
24	82.4	997.1	29.444	94	8.0	5.7	I	Showery day. Bright intervals. Hail at 10 hrs and 16½ hrs (G.M.T.). ^{Cal.} Cloudy night.
25	82.0	1014.0	29.943	89	6.8	10.2	K	Mostly bright day. Cloudy periods. Mild night. Clearing.
26	82.3	1020.7	30.141	91	8.1	5.8	K	Mostly cloudy day. Rain 15 hrs. (G.M.T.). Bt. intervals. Mild cloudy night.
27	83.4	1030.3	30.424	75	7.0	7.6	J.	Fine, cloudy day. Bt. Periods. Dull night. Threatening rain.
28	82.1	1027.9	30.356	87	7.7	0.5	K	Rainy forenoon. Mostly dull overcast even. Mild cloudy night.
29	81.8	1028.6	30.374	80	7.2	2.6	K	Mostly dull day. Bt. periods late afternoon. Mild cloudy night.
30	82.1	1023.6	30.227	85	6.9	9.8	K	Mostly bright day. Passing clouds. Mild clear night.

/48.5

1939...

Morn. 9 hrs.

Anemometer.

Clouds.

Weather.

8 ins Auto

MAY

	Bar. m. b.	Att. Ther. °F.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	Guage	m.m
1	1013.8	47.5	47.9	42.9	NE	2	6.	alt-cu cu	cl	b, b, cl	—	—	—
2	1013.6	47.2	45.8	40.7	NE	2	9	cu str-cu	cl.	b.	—	—	—
3	1005.1	46.8	49.5	44.4	S	2	6	alt-cu cu	cl.	b, b,	trace	trace	0.1
4	995.1	50.0	50.5	48.1	S	2	10	str	cl	cl, od.	.16	.16	4.0
5	984.3	50.0	52.1	47.7	S	1	3	alt-cu cu	bc	od, or,	.02	.02	0.5
6	990.1	50.0	51.0	46.4	S	1	7	alt-cu cu	cl.	cl, bc	.36	.36	9.0
7	998.7	51.8	53.9	50.1	S	2	6	alt-cu cu	cl	cl, or, cl	.05	.05	1.2
8	1005.9	53.0	56.2	51.0	S	2	9	alt-cu cu	cl	cl	.05	.05	1.3
9	1013.1	53.8	56.8	54.4	S	1	10	str	c	bm, cl	—	—	—
10	1019.3	53.8	55.0	52.2	SW	1	9	str	cl	b, cl	.01	.01	0.2
11	1021.8	53.2	53.5	48.8	N	1	9	str	cl	cl,	—	—	—
12	1020.3	51.8	54.0	48.1	NNE	1	6	alt-cu cu	cl	b, bc	—	—	—
13	1019.5	52.0	58.0	50.8	NNE	1	9	alt-cu	cl	b, bc	0.12	0.12	2.9
14	1011.4	53.4	52.1	49.7	NNW	1	10	str	c,	od, cl	.05	.05	1.3
15	1006.1	52.2	52.2	46.4	N	1	6	alt-cu str.	cl	cl	.10	.10	2.5
16	1010.3	52.4	55.9	50.2	NNE	1	4	cu	bc	cl	—	—	—
17	1006.1	52.5	50.0	44.9	N	1	8	st-cu	cl	cl	—	—	—
18	1002.6	53.4	52.0	48.8	N	1	9	str	c	bc, cl	—	—	—
19	1001.9	53.4	50.0	45.6	SSE	1	10	str	o	o	.01	.01	0.3
20	1001.6	52.8	53.8	49.6	SSE	1	8	str	cl	od, cl	.17	.17	4.3
21	1002.8	53.4	52.5	49.9	SW	1	10	Nim	od.	o, or	.01	.01	2.0
22	1009.7	55.0	57.2	51.2	W	1	6	cu	cl	o, cl	—	—	—
23	1015.1	56.0	57.9	54.1	SW	1	10	sa	o	cl	.06	.06	1.6
24	1021.5	57.0	52.2	51.6	W	1	10	Nim	orr	cl, orr	.02	.02	0.5
25	1025.8	55.4	53.8	49.4	NNE	1	8	st-cu	cl	cl	—	—	—
26	1019.6	55.6	54.9	49.2	NW	1	6	alt-cu cu	cl	b	.01	.01	0.3
27	1018.8	58.4	57.7	55.7	NW	1	10	Nim	od.	cl, or, cl	—	—	—
28	1024.5	57.0	55.0	52.0	N	1	10	str	o	cl	tr	tr	tr.
29	1024.1	57.8	58.0	55.7	NE	1	4	cu	bc, m.	b, bm.	—	—	—
30	1021.1	59.0	67.9	59.4	S	0	0	—	b,	b	—	—	—
31	1021.0	59.5	63.6	55.7	NE	1	0	—	b	b	—	—	—

1.20 1.20

1939...

Corrected Barometer

Humidity

In ground

Visibl

MAY	attached Therm	Bar	Bar	%	V.T	Temp on grass	1 ft	4 ft	-ity	
	A ²⁰⁰ t	m. t.	in.							
1	81.6	1022.6	30.197	63	7.1	35.0	48.8	47.7	L	Fine mostly bright morn. Occasional cloud.
2	81.4	1022.8	30.203	61	6.3	29.1	49.0	47.7	K	ground frost early. Fine cloudy morn.
3	81.2	1014.2	29.946	63	7.7	29.0	48.3	47.9	K	ground frost early. Fine rather cloudy morn.
4	83.0	1003.8	29.642	83	10.3	45.8	49.3	47.8	K	Drizzle early. Dull breezy morn.
5	83.0	992.9	29.320	70	9.3	41.1	50.0	48.0	L	Fine bright morn.
6	83.0	998.8	29.494	69	8.7	37.5	50.6	47.9	L	Fine cloudy morn. Bright periods.
7	84.0	1007.2	29.742	64	9.7	45.0	51.1	48.1	L	Rain early. Fine bright morn at obsn.
8	84.7	1014.2	29.949	69	10.6	39.6	52.0	48.2	L	Mostly cloudy morn.
9	85.1	1021.5	30.164	85	13.4	44.0	52.2	48.5	K	Cloudy morn.
10	85.1	1027.8	30.351	88	12.1	42.6	52.8	48.7	K	Fine, cloudy morn.
11	85.9	1030.3	30.424	75	10.4	46.2	53.9	49.0	L	Rather cloudy morn.
12	84.0	1029.1	30.389	62	8.8	35.1	53.9	49.1	L	Fine morn. Bright periods.
13	84.1	1028.2	30.362	58	9.4	35.5	53.7	49.5	L	Fine though cloudy morn. Bright periods.
14	84.9	1020.0	30.120	83	11.0	45.8	54.1	49.8	K	Dull cloudy morn.
15	84.2	1014.7	29.964	61	7.9	39.2	53.9	49.4	L	Fine cloudy morn. Bright periods.
16	84.3	1018.9	30.088	63	9.9	40.0	53.6	50.0	L	Bright morn. Clouds 1-4.
17	84.4	1014.7	29.964	65	7.9	40.0	54.8	50.3	L	Cloudy morn. Bright periods
18	84.9	1011.1	29.857	78	10.3	39.1	54.7	50.3	L	Fine rather cloudy morn.
19	84.9	1010.4	29.837	69	8.5	42.1	54.3	50.7	L	Mild, overcast morn.
20	84.5	1010.1	29.828	73	10.1	36.0	54.3	50.9	L	Mild cloudy morn. Bright periods.
21	84.9	1011.3	29.863	89	11.9	42.0	54.8	50.9	K	Overcast early. Rain 9 hrs. (6.M.T.) Dull drizzling morn.
22	85.2	1018.1	30.064	63	10.3	47.9	54.9	51.0	L	Mild morn. Bright periods.
23	86.3	1023.3	30.218	77	12.6	46.5	56.0	51.1	K	Dull overcast morn.
24	87.0	1029.8	30.410	96	12.8	52.3	56.8	51.3	H	Dull wet morn.
25	86.0	1034.4	30.546	71	10.0	38.1	56.9	51.6	L	Mild cloudy morn. Bright periods
26	86.1	1028.1	30.359	64	9.4	38.9	56.9	51.9	L	Cloudy morn with bright periods.
27	87.6	1026.9	30.324	88	14.2	54.7	57.1	52.0	K	Cloudy morn. Rain early. Slight drizzle at obsn.
28	87.0	1032.8	30.498	81	11.9	48.0	57.3	52.4	L	Dull overcast morn.
29	87.3	1032.2	30.480	79	13.1	43.9	57.9	52.5	I	Misty early. Fine bright morn at obsn.
30	88.0	1028.9	30.383	59	13.5	42.9	59.2	52.8	K	Fine bright morn. Calm.
31	88.3	1029.0	30.386	59	11.6	44.0	60.6	53.1	L	Bright clear morn.

1939...

Even 21 hrs.

Anemometer.

Clouds.

Weather.

Temperature

MAY

Bar.
mb.Att.
Ther.
°F

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max

Min

MAY, 1939.

1	1014.3	49.8	42.3	40.8	NE	1	1	cu	b	cl, bc, cl	55.1	38.1	Total Rainfall - 1.20 inches
2	1009.8	48.7	40.0	37.7	E	1	0	—	bm	cl, bc, cl	50.2	32.2	Total Sunshine - 170.1 hours.
3	1001.8	50.0	50.2	46.1	S	3	9	str	cl	cl	56.5	33.1	
4	985.7	50.2	49.0	47.7	S	4	10	Nim	od	cl, od, cl	55.3	46.1	Max. Temp. - 77.0°F on 30th May
5	985.6	51.4	46.5	44.8	S	1	7	cu	cl	bc, cl, p, cl	57.6	43.6	Min. Temp. - 32.2°F on 2nd May.
6	994.8	51.8	48.9	45.8	S	1	10	Nim	od	cl, bc, cl, od	57.5	41.0	
7	1002.9	53.6	51.1	49.6	S	1	9	cu	cl	cl, or, cl	60.0	45.9	Lowest Max. Temp. - 50.2°F on 2nd May
8	1009.3	55.2	54.0	53.5	S	1	8	Nim	od	cl, or	58.9	43.0	Highest min. Temp. - 51.4°F on 24th
9	1016.7	55.4	52.8	51.2	SW	1	2	alt-cu cu	bc	c, bc	63.4	47.0	
10	1020.1	57.0	56.1	55.0	NW	1	8	str	cl	cl, or, cl	65.8	46.2	mean max. temp. - 60.9°F.
11	1021.6	55.2	45.4	44.0	NNE	1	0	—	b	cl, bc, b	57.5	45.1	mean min. temp. - 43.6°F.
12	1020.8	54.2	45.8	43.7	NNE	1	1	alt-cu	b	cl, cl, b	56.8	39.1	
13	1015.6	55.2	50.2	49.9	NNW	1	9	Nim	od	cl, or, od	61.9	38.0	Mean temp. for month - 52.3°F
14	1006.9	54.2	47.0	44.6	NNW	1	8	alt-cu str	cl	cl, cl, cl	56.8	46.5	
15	1007.6	53.4	47.4	45.8	N	1	9	st-cu	cl	cl, or, od, cl	55.9	42.1	min. grass temp. - 29.0°F on 3rd May
16	1009.7	55.2	49.0	45.8	N	1	8	alt-cu	bc, cl	cl	60.4	43.0	
17	1004.0	55.2	45.0	43.7	N	1	4	alt-cu	bc	cl, bc, cl	57.0	42.1	Highest Bar. M.S.L. - 1034.4 mb. on 25th
18	1002.4	54.8	49.0	46.6	SE	1	10	str	o	cl, o	56.0	43.8	Lowest Bar. M.S.L. - 992.9 mb. on 5th
19	1001.3	55.0	48.2	46.8	SSE	0	10	Nim	od	o, cl, od	56.0	43.0	
20	1002.1	54.2	49.4	46.7	W	1	9	str	c	cl, or, c	60.1	40.0	Highest Daily Rainfall 0.36 ins on 6th
21	1003.2	54.8	53.2	51.0	SW	1	7	str	cl	od, or, o	57.0	43.8	
22	1011.6	57.0	56.0	51.8	S	1	6	cl cu	cl	cl, bc, cl	60.2	48.9	
23	1016.8	60.6	60.2	56.8	SW	2	6	str	cl	o, cl	68.5	49.0	
24	1025.2	59.0	51.9	49.7	NE	1	8	st-cu	cl	or, cl	62.9	51.4	
25	1022.9	57.0	48.9	46.8	NE	0	1	alt-cu	b	cl, bc, cl	64.0	40.5	
26	1017.9	59.0	57.6	54.8	W	1	10	Nim	od	cl	64.0	41.3	
27	1021.8	58.5	50.2	47.7	N	1	8	str	cl	cl, bc, cl	66.1	50.0	
28	1024.1	59.5	54.6	52.8	NE	1	1	str	b	o, cl	66.0	47.5	
29	1021.2	61.7	58.0	52.5	S	1	0	—	b	bc, b	71.7	47.0	
30	1021.1	63.0	55.8	50.6	S	1	0	—	b	b, bc, b	77.0	46.0	
31	1020.1	63.7	56.2	54.0	NE	1	0	—	b	b	72.9	48.0	

1889.0 1352.3

1939...

Corrected Barometer

Humidity

MAY	attached Therm A°200+	Bar. m. h.	Bar. ins.	%	V. T.	Sun- Shine	Visibil- ity
1	82.9	1023.3	30.218	87	8.0	7.5	K.
2	82.2	1019.0	30.091	79	6.6	6.2	J
3	83.0	1010.6	29.843	71	8.8	5.0	J
4	83.1	994.4	29.364	91	10.7	0.0	H
5	83.8	994.1	29.355	87	9.3	8.4	J
6	84.0	1003.4	29.630	77	9.0	6.7	H
7	85.0	1011.4	29.866	89	11.7	4.5	J
8	85.9	1017.6	30.043	97	13.7	0.9	J
9	86.0	1025.1	30.270	89	12.1	2.5	K
10	86.9	1028.2	30.362	93	14.2	0.5	J
11	85.9	1030.1	30.418	88	9.2	6.7	K
12	85.3	1029.5	30.401	83	8.7	8.1	J
13	85.9	1024.0	30.293	94	12.0	3.8	I
14	85.3	1015.4	29.984	81	8.9	1.5	K
15	84.9	1016.1	29.709	88	9.7	5.2	J
16	85.9	1018.1	30.064	77	9.0	12.0	K
17	85.9	1012.3	29.893	89	9.1	8.1	K
18	85.7	1011.2	29.860	83	9.7	0.4	K
19	85.8	1009.6	29.813	89	10.3	0.2	J
20	85.4	1012.6	29.843	79	9.6	1.0	K
21	85.7	1011.5	29.869	87	11.9	0.5	K
22	87.0	1019.6	30.108	74	11.2	10.5	K
23	88.9	1024.6	30.280	80	14.1	3.3	K
24	88.0	1033.3	30.513	85	11.1	4.4	I
25	87.0	1031.2	30.451	85	9.9	10.7	K
26	88.0	1025.9	30.294	83	13.3	2.7	J
27	87.7	1029.9	30.413	82	10.0	5.2	K
28	88.3	1032.1	30.477	90	13.0	5.6	K
29	89.5	1028.8	30.380	67	11.0	10.3	J
30	90.2	1028.7	30.377	68	10.2	13.9	J
31	90.6	1027.5	30.342	86	13.3	13.8	K

170.1

Mostly fine day. Bright periods. Clear night.
 Mostly cloudy day. Bright intervals. Clear night. Slight mist.
 Rather cloudy day. Dull night.
 Dull overcast day. Occasional drizzle. Dull drizzling night. Breezy
 Fine day; passing showers. Mild cloudy night.
 Mostly cloudy day. Bt. periods. Dull drizzling night.
 Fine early. Mostly cloudy afternoon. Thunder. Lightning rain 15h, 10m. Fine drizzle
 Mostly cloudy day. Rain at 20h, 50m. (G.M.T.) Light drizzle at dawn. Clearing
 " " " Bright periods afternoon. Clear mild night
 Rain 10h, 15m. (G.M.T.) Mostly cloudy day. Mild cloudy night
 Cloudy forenoon. Fine bright afternoon. Clear calm night.
 Mostly fine day. Bright intervals. Clear mild night
 Fine early. Cloudy later. Wet afternoon. Dull drizzling night.
 Mostly drizzly day. Bt. periods afternoon. Dull cloudy night.
 Cloudy day, with bright periods. Heavy showers. Dull cloudy night.
 Fine bright day. Mild cloudy night.
 Fine day with bright intervals. Mild night
 Cloudy, then overcast day. Mild overcast night.
 Mild overcast day. Rain 18:45. (G.M.T.) Calm, drizzling night
 Mild cloudy day. Hail 17 hrs (G.M.T.) Mild cloudy night.
 Overcast day. Rain 12 hrs (G.M.T.) Cloudy night.
 Mostly fine day. Cool cloudy night.
 Forenoon overcast. Cloudy afternoon. Bt. intervals. Cloudy night.
 Wet forenoon. Cloudy afternoon. Bt. periods. Mild cloudy night.
 Fine, mostly bright day. Calm clear night.
 Mostly cloudy day. Cloudy night. Slight drizzle at dawn.
 Cloudy forenoon. Bt. periods afternoon. Mild cloudy night
 Mostly overcast forenoon. Bt. periods afternoon. Mild clear night.
 Fine bright day. Clear mild night.
 " " " " " "
 Fine clear day. Mild clear night.

1939.	Morn 9 hrs		Anemometer.		Clouds.		Weather.		Sims Auto					
JUNE	Bar. m.b.	Att. of Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	gauge	m.m.	
1	1022.1	60.2	60.0	56.0	NE	1	4	Cu	bc	l	—	—	—	
2	1022.9	59.0	62.2	52.7	NE	1	0	—	l	l	—	—	—	
3	1021.2	59.8	67.4	57.2	NE	1	5	alt-Cu	bc	l	—	—	—	
4	1017.8	61.2	71.9	59.8	NNE	1	0	—	l	l	—	—	—	
5	1016.4	60.8	68.9	58.8	SSE	1	3	Cu	l	bc	—	—	—	
6	1014.7	62.8	72.9	61.0	SS	1	0	—	l	l	—	—	—	
7	1019.6	64.5	59.0	53.7	N	1	8	alt-Cu	cl	bc	—	—	—	
8	1020.9	62.2	59.4	53.6	NNE	1	8	St-Cu	cl	cl	—	—	—	
9	1019.3	60.6	60.0	54.8	NNW	0	4	alt-Cu	bc	bc	.08	.08	.08	2.1
10	1007.1	62.0	54.7	53.6	W	1	10	Nim	orr.	bc, cl, orr	.01	.01	.09	0.3
11	1002.1	59.0	55.6	50.8	NW	1	4	St-Cu	bc	cl, orr, bc	.10	.10	.19	2.5
12	1008.2	56.8	51.0	44.2	N	2	6	alt-Cu	cl	bc, cl, orr, cl	.01	.01	.20	0.3
13	1008.1	56.7	55.0	50.6	NW	0	6	alt-Cu	cl	cl, orr, cl	.06	.06	.26	1.5
14	998.2	57.8	56.7	55.0	SSW	2	10	Nim	o	o, orr	.16	.16	.42	4.0
15	990.1	58.6	58.0	54.7	SW	1	10	Nim	odr.	odr, orr, o	.01	.01	.43	0.3
16	995.8	55.4	57.8	50.8	SW	1	6	Cu	cl	cl	.19	.19	.62	4.8
17	997.9	55.4	53.9	51.2	S	3	10	Nim	odr.	cl	.27	.27	.89	6.8
18	997.1	57.0	53.9	52.7	SW	1	10	Nim	orr	cl, orr	.03	.03	.92	0.7
19	1012.1	55.6	59.9	57.9	NW	1	7	Cu	cl	bc, cl	.08	.08	1.00	1.9
20	1013.2	58.4	59.8	54.8	NNE	1	8	alt-Cu	cl	bc, cl, orr, cl	—	—	—	5.0 2.8
21	1018.8	58.6	58.8	54.9	NNE	1	10	St-Cu	o	cl.	—	—	—	—
22	1014.1	60.0	63.0	54.5	NNE	1	1	alt-Cu	bc,	bc	—	—	—	—
23	1009.1	59.6	58.8	52.5	NE	1	3	Cu	bc	bc	.01	.01	1.01	0.3
24	1002.9	59.4	55.0	52.8	NNE	1	7	St-Cu	cl	o, orr, cl	—	—	—	—
25	1001.7	57.0	57.0	51.7	N	1	8	St-Cu	cl	bc, bc, cl	—	—	—	—
26	1005.4	58.0	54.2	47.7	N	1	10	St-Cu	o	bc, cl	—	—	—	—
27	1009.3	59.3	59.9	53.0	S	2	8	alt-Cu	cl	cl	.29	.28	1.30	7.4
28	991.2	61.0	61.6	59.5	SSE	4	9	Cu-Nb	cl	orr	.15	.15	1.45	3.8
29	998.6	59.6	58.0	52.8	SSW	1	9	St-Cu	cl	orr, cl	.40	.40	1.85	10.0
30	999.6	58.2	57.4	52.2	W	1	6	alt-Cu	cl	bc, orr, orr,	.11	.11	1.96	2.7
31														

196 195

[illegible]

1939

Even 21 hrs.

Anemometer.

Clouds.

Weather.

Temperature

JUNE

Bar.
m. b.Att.
2 per.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max

Min.

JUNE, 1939.

JUNE	Bar. m. b.	Att. 2 per.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max	Min.
1	1023.1	63.7	56.6	53.1	E	1	0	—	b	bc, b	67.0	46.5
2	1021.8	63.0	57.0	49.0	NE	1	1	act-cu	b	b	72.7	41.2
3	1018.8	65.1	62.0	56.8	NE	0	1	ci	bm _o	b	79.9	43.2
4	1016.1	65.1	58.9	48.4	SSE	1	1	str	b	b	78.7	45.1
5	1015.7	66.6	60.4	54.6	SSW	0	1	str	bm _o	b	80.1	44.0
6	1016.1	68.0	60.0	56.4	N	1	1	str	bm _o	b	82.8	46.8
7	1019.2	65.1	54.9	51.5	NNE	0	6	ci-cu	cl	bc, c	68.7	53.0
8	1021.7	62.8	49.1	46.3	N	0	4	ci	bc	cl, bc	67.1	47.3
9	1012.9	65.1	58.4	51.0	NW	0	3	cu	bc	bc, cl, bc	69.8	41.8
10	1003.2	61.0	52.5	49.0	W	0	10	str	o	orr, cl, o	60.0	51.9
11	1004.2	59.6	48.0	45.0	NNW	0	3	cu	bc	bc, cl, ps, k	60.9	46.5
12	1011.3	59.0	45.2	42.8	N	0	7	cu	cl	cl, bc, cl	58.7	41.3
13	1004.1	59.0	53.1	51.7	SW	0	9	cu	cl	cl, bc, cl	61.3	41.5
14	995.1	58.4	53.2	51.8	SW	1	10	Nim	od _o	o, orr, od _o	61.6	50.0
15	994.5	58.7	49.9	46.8	NW	0	8	cu	cl	od _o , cl, ps, a	62.0	49.9
16	999.1	56.7	47.2	46.5	W	0	9	cu	cl	cl, ps, cl	62.0	41.0
17	994.2	59.0	56.0	53.2	SW	2	8	str	cl	cl, or, orr	65.9	47.0
18	1007.9	57.2	51.1	48.2	NW	1	3	cu	bc	orr, cl	59.9	50.0
19	1013.9	59.4	52.0	49.3	NNW	0	3	cu	bc	cl, bc, cl	67.1	44.0
20	1015.7	60.4	54.0	52.5	NE	1	7	cu	cl	cl, bc, cl	63.7	49.0
21	1016.4	61.7	57.3	54.1	NNE	1	3	ci	bc	cl, bc, cl, bc	67.0	50.0
22	1012.3	63.0	58.2	54.5	NE	1	3	ci-cu	bc	bc, bc, bc	70.9	54.1
23	1002.2	63.5	55.7	53.5	NNE	1	10	str	o	bc, cl, o	70.0	47.0
24	1002.9	60.0	46.2	44.0	NNE	1	0	—	b	cl, bc, cl, bc	59.1	46.1
25	1003.0	59.6	46.8	45.0	N	0	3	cu	bc	cl, bc	63.3	39.9
26	1008.1	60.8	55.1	51.6	SW	1	8	st-cu	cl	o, cl	64.2	44.0
27	1002.2	57.2	54.0	52.8	SSE	2	10	Nim	orr	cl, o, orr	60.0	48.3
28	991.7	60.2	58.8	57.9	SW	1	10	W	or	cl, W, 10	68.1	53.0
29	1000.6	59.4	51.0	50.1	SW	1	6	st-cu	cl	cl, or, or	65.0	51.0
30	1004.0	59.0	47.9	45.9	N	1	3	ci-cu	bc	cl, orr, cl	63.2	47.8
31											200.7	140.2

Total Rainfall - 1.96 inches

Total Sunshine - 233.0 hours.

max. temp. - 82.8°F on 6th June.

min. temp. - 39.9°F on 25th June.

Lowest max. temp. - 58.7°F on 12th

Highest min. temp. - 54.1°F on 22nd

mean max. temp. - 66.7°F

mean min. temp. - 46.7°F

mean temp. for month - 56.7°F

Min. grass temp. - 37.0°F on 9th, 16th, 25th

Highest Bar. M.S.L. - 1030.9 mb. on 2nd

Lowest Bar. M.S.L. - 997.8 mb. on 15th

Highest Daily Rainfall - 0.40 ins. on 29th

1939

Corrected Barometer

Humidity

attached
 them
 A° 2004
 Bar
 m. h.
 Bar
 ins.
 %
 V. T.
 Sun -
 Shine
 Visibility

JUNE

1	90.6	1030.5	30.430	74	12.2	13.7	K	Cloud 1-4 noon. Fine bright day. Clear night.
2	90.2	1029.4	30.398	52	8.3	14.6	K	Fine bright day. Clear mild night.
3	91.2	1026.2	30.303	71	13.4	13.8	I	Fine clear day. Clear calm night. Slight mist at dawn.
4	...	1023.5	30.224	41	6.8	14.4	K	Bright day. Fine clear night.
5	92.1	1023.0	30.209	67	11.9	14.4	J	Fine clear day. Slight mist at dawn. Clear calm night.
6	93.0	1023.2	30.215	79	13.9	14.3	J	Fine warm day. Clear night. Slight mist at dawn. ^{82.8 F = highest temp. ever recorded June.}
7	91.2	1026.8	30.321	78	11.4	8.3	K	Mostly fine day. Bt periods. Cool calm night.
8	90.0	1029.5	30.400	79	9.4	7.1	K	Cloudy forenoon. Mostly bright afternoon. Calm clear night.
9	91.2	1020.3	30.129	56	9.4	10.1	K	Mostly bright forenoon. bdy. aft'noon. Bt. periods. Calm night.
10	89.1	1011.0	29.855	76	10.2	0.1	J	Dull cool day. Overcast night.
11	88.3	1012.1	29.591	77	8.8	9.3	K	Showery day. Bt. periods. Cool calm night.
12	88.0	1019.3	30.117	81	8.2	11.2	K	Mostly bright cool day. Calm cloudy night.
13	88.0	1012.0	29.884	91	12.4	1.8	K	Mostly cloudy day. Bt. periods. Cloudy night.
14	87.6	1002.9	29.615	91	12.5	0.0	I	Overcast showery day. Cool overcast night.
15	87.9	1002.3	29.597	78	9.4	0.6	K	Mostly cloudy day. Bt. periods. Cloudy night.
16	86.7	1007.2	29.742	95	10.4	10.6	J	" bright f'noon. Showery afternoon. Cloudy night.
17	88.00	1001.9	29.586	82	12.6	2.2	K	Cloudy day. Bt. periods. Heavy rain 18 hrs. (G.M.T.). Cool cloudy night.
18	87.0	1016.1	30.005	79	10.2	9.2	K	Wet morn. Occasional shower later. Bt. periods. Clear night.
19	88.2	1021.9	30.176	81	10.7	11.6	K	Mostly bright day. Occasional clouds. Clear night.
20	88.8	1023.7	30.230	90	12.8	5.8	J	Cloudy day. Bt. periods. Cloudy night.
21	89.5	1024.0	30.239	80	12.8	7.4	K	Early f'noon cloudy. Cleared with detached clouds. Fine bt. aft'noon. Clear night.
22	90.2	1019.8	30.114	78	12.9	14.6	K	Fine bright day. Clear night.
23	90.5	1009.6	29.813	86	13.0	13.6	J	" " " Cloudy later. Dull overcast night.
24	88.6	1010.7	29.846	84	9.0	5.2	K	Mostly cloudy day. Bright periods. Clear mild night.
25	88.3	1010.9	29.852	86	9.3	8.5	K	Cloudy day with bright periods. Clear calm night.
26	89.0	1016.0	30.002	78	11.4	4.0	K	" " " occasional bt. periods. Cloudy night.
27	87.0	1008.3	29.774	92	12.1	2.2	I	" " " bt. periods. overcast later. Rain from 17 hrs (G.M.T.) Was breezy night.
28	88.7	1000.2	29.536	95	16.0	2.8	I	Showery. Bright warm intervals.
29	88.2	1008.5	29.780	94	11.9	3.2	K	Drizzling forenoon. Showery afternoon. Bt. periods. Cloudy night.
30	88.0	1011.9	29.881	85	9.6	5.4	K	Showery with bright periods. Clear calm night.
31								

293.0

June 1939

Nº 46866

Total Rainfall 1.96 ins. = 78% of average

" Sunshine 233 hrs. = 7.8 hrs. / day
= 139% of average
= 45% possible

Max Temp. 82.8°F = highest temp. ever
recorded here in June.

Min Temp. 39.9°F on June 24-25

1939...

Moon 9 hrs

Anemometer.

Clouds.

Weather.

8 in Auto

THERMISTAL REPORTED

JULY

M.M.

	Bar. m.b.	Att. Ther. 8F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	Guages.		
1	1007.4	56.0	55.0	50.1	NW	1	5	alt-Cu Cu	cl	cl, or	.16	.16	0.16	3.9
2	1003.1	57.3	55.8	53.5	SW	1	10	Nim Ci-Cu St-Cu	od.	cl, or	.01	.01	0.17	0.2
3	1006.2	58.6	60.0	52.1	SSW	1	7	St-Cu	cl	cl	.03	.03	0.20	0.7
4	996.5	58.6	59.9	57.7	SSE	1	10	St	o	o	.22	.22	0.42	5.5
5	992.4	58.8	56.0	54.6	SSE	0	10	Nim	or	o, or	.01	.01	0.43	0.3
6	996.8	58.6	55.9	51.4	S	2	10	Nim	od.	od, or, or	.29	.29	0.72	7.3
7	994.7	59.2	58.7	53.8	SSW	1	9	St	cl	o, or	.05	.05	0.77	1.3
8	997.4	59.0	58.3	54.6	SSW	1	9	St-Cu	cl	cl	.16	.16	0.93	4.1
9	1002.8	58.8	57.3	54.0	NW	1	10	St	o	cl, od.	—	—	—	—
10	1015.1	58.8	56.0	51.6	NNW	1	9	St-Cu	cl	od, cl	—	—	—	—
11	1015.9	58.5	53.0	50.7	NNW	1	10	Nim Ci-Cu St-Cu	od.	o	.01	.01	0.94	0.2
12	1009.2	58.6	59.8	55.6	SW	1	6	St-Cu	cl	m, cl	.03	.03	0.97	0.7
13	994.8	62.4	65.8	62.0	S	1	9	St	cl, od.	cl, od	.50	.51	1.48	12.8
14	989.3	60.2	57.9	57.5	NE	1	10	St	o,	cl, or	.16	.16	1.64	4.1
15	994.2	59.6	58.0	56.8	ENE	1	10	St	o,	cl, o	.02	.02	1.66	0.4
16	994.9	60.0	57.9	56.2	NNE	1	10	St	o,	cl	.14	.14	1.80	3.6
17	993.6	60.8	58.8	56.0	N	1	10	St	o	cl	—	—	—	—
18	998.8	61.4	60.4	55.2	NW	1	8	Cu	cl	o, cl	tr	tr	—	tr.
19	997.2	59.6	54.2	52.9	NNW	1	10	Nim	od.	cl	.01	.01	1.81	0.2
20	1002.2	59.6	57.0	55.4	NNW	1	10	St-Cu	o,	o,	—	—	—	—
21	1006.8	60.6	55.7	54.0	N	0	10	St-Cu	o,	cl	.42	.43	2.24	10.8
22	1000.4	60.8	59.0	57.7	NNW	1	10	St-Cu	o,	cl, or	.02	.02	2.26	0.5
23	996.8	58.2	53.1	49.5	W	1	7	St-Cu	cl	cl, od.	.63	.63	2.89	16.0
24	997.8	57.2	56.8	51.9	WNW	1	7	Cu	cl	cl, or, or	.09	.10	2.99	2.4
25	1004.4	58.8	56.6	53.8	SW	1	6	alt-Cu Cu	cl	tr, cl, or	—	—	—	—
26	1008.9	59.0	58.2	55.7	SW	1	10	St-Cu alt-Cu	o	tr, tr	.05	.05	3.04	1.3
27	1006.2	60.8	64.2	60.8	S	1	9	Cu	cl	cl, or	.60	.60	3.64	15.3
28	996.2	61.8	63.1	61.7	SSE	2	10	St	o, od.	cl, or	.48	.48	4.12	12.2
29	995.9	60.8	60.0	55.7	S	1	9	Cu	cl	cl	—	—	—	—
30	991.2	60.6	60.0	55.5	S	1	8	Cu	cl	cl	.30	.30	4.42	7.6
31	994.9	59.6	58.9	56.7	W	1	6	alt-Cu Cu	cl	cl, or	.02	.02	4.44	0.5

4.41 4.43

19...39...	Corrected Barometer			Humidity			In ground		Wet/dry				
JULY	Attached Therm A° 200+	Bar m.l.	Bar ins.	%	V.T.	Temp on grass	1ft	4ft.	ity				
1	86.3	1015.8	29.996	69	10.2	37.9	59.8	56.5	L				Shower 8 hrs 45 m. (G.M.T.) Cloudy. Bright periods.
2	87.1	1011.0	29.855	85	13.1	49.0	59.9	56.4	J				Dull showery morn.
3	87.8	1014.0	29.648	55	9.8	48.1	59.4	56.6	L				cloudy morn. Bright intervals.
4	87.8	1004.3	29.656	87	15.2	52.2	59.1	56.4	K				Dull overcast morn. Threatening
5	87.9	1000.1	29.532	91	13.9	51.9	59.9	56.4	K				Rain since 5 hrs. (G.M.T.) Dull drizzling morn.
6	87.8	1004.6	29.665	71	10.9	49.0	60.1	56.3	K				Dull drizzling morn; Breezy.
7	88.1	1002.4	29.600	71	11.9	52.0	60.0	56.4	K				Showery night. Dull cloudy morn.
8	88.0	1005.2	29.683	77	12.9	50.0	59.9	56.5	L				Mild. cloudy morn.
9	87.9	1010.6	29.843	79	12.7	49.9	59.8	56.5	K				Shower 9 hrs. (G.M.T.) Dull overcast morn.
10	87.9	1023.0	30.209	72	11.1	51.1	59.9	56.6	L				cloudy morn.
11	87.7	1024.0	30.239	85	11.6	49.5	60.0	56.5	K				Dull drizzling morn. Mild.
12	87.8	1017.1	30.034	75	13.2	45.8	59.8	56.7	L				Fine cloudy morn. Warm, bright, periods.
13	89.9	1002.1	29.592	80	17.3	58.1	60.7	56.6	K				Dull cloudy morn. Slight drizzle at obsn.
14	88.7	996.8	29.435	98	16.0	52.0	60.7	56.7	K				Heavy rain from 5 1/2 hrs. (G.M.T.). Mild overcast morn.
15	88.3	1001.9	29.586	92	15.2	46.0	60.8	56.7	J				Dull overcast morn.
16	88.6	1002.4	29.600	90	14.6	48.0	60.7	56.8	I				" " misty morn.
17	89.0	1001.1	29.562	83	14.1	54.9	61.3	56.9	K				Overcast morn.
18	89.3	1006.4	29.718	70	12.6	50.6	62.6	57.0	L				Fine cloudy morn. Bt. periods.
19	88.3	1005.1	29.680	92	13.2	44.0	61.9	57.2	K				Slight drizzle at obsn.
20	88.3	1009.8	29.819	90	14.3	53.0	60.0	57.3	K				Dull overcast morn.
21	88.9	1014.5	29.958	89	13.3	50.9	61.8	57.4	J				Dull, overcast, misty, morn.
22	89.0	1008.0	29.766	92	15.7	56.6	61.4	57.4	K				Rain since 1 hrs (G.M.T.). Overcast morn.
23	87.5	1004.9	29.674	76	10.5	47.0	60.9	57.7	L				Slight drizzle 9 hrs. (G.M.T.) cloudy morn. Bt. periods.
24	87.0	1005.7	29.698	70	11.0	44.0	60.1	57.7	L				Showy night. cloudy morn. Bt. periods.
25	87.9	1012.2	29.890	82	12.9	43.2	60.9	57.7	L				Rain early. Fine cloudy morn.
26	88.0	1015.8	29.926	85	14.0	47.0	60.9	57.6	K				Overcast morn.
27	89.0	1013.9	29.940	81	16.7	55.0	61.1	57.8	K				cloudy morn. Bt. periods.
28	89.6	1003.6	29.636	92	18.3	58.6	62.0	57.7	J				Showy night. Dull drizzling morn. Breezy.
29	89.0	1003.5	29.633	75	13.8	54.0	61.9	57.8	L				cloudy morn.
30	88.9	998.7	29.491	74	13.0	51.9	61.9	57.9	L				Fine cloudy morn. Bt. periods.
31	88.3	1002.6	29.630	87	15.1	51.3	61.5	57.9	L				Showy night. cloudy night. Bt. periods.

1939.

Even., 21 hrs.

Anemometer.

Clouds.

Weather.

Temperature

JULY

Bar.
m. r.Att.
d/mer.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max

Min.

July, 1939

1	1007.6	59.0	51.9	47.6	NW	1	7	Cu	cl	or, cl	64.0	41.0
2	1005.1	59.0	54.5	50.8	SW	1	9	Str-Cu	cl	od, cl	62.0	50.9
3	1003.1	59.0	55.0	51.8	S	1	10	Str	o	cl	63.0	50.0
4	993.5	61.0	58.6	57.1	SSE	2	10	Str	o	o, cl, o	64.9	53.0
5	993.1	60.8	55.3	53.5	S	2	6	Nim	cl, od	o, ps, cl	66.7	53.1
6	992.7	60.2	54.9	53.7	SE	1	10	Str	o	od, cl, ps, o	65.2	50.9
7	998.0	60.6	56.9	52.9	SW	1	8	St-Cu	cl	cl, ps, cl	65.8	52.0
8	998.6	59.6	54.5	52.1	W	1	6	Cu	cl	cl, ps, cl	62.4	51.0
9	1004.9	60.6	55.0	52.2	NNW	1	10	Str	o	cl, o	63.0	51.9
10	1017.7	60.6	53.9	50.3	NNW	1	10	Str	o	cl, l, cl	64.0	51.0
11	1013.7	58.4	52.2	50.1	NNW	1	4	Str	lc, m	od, cl	60.4	50.0
12	1002.2	61.8	62.0	57.8	SSW	1	9	St-Cu	cl	cl	68.9	49.0
13	991.9	61.8	56.1	55.6	SSE	1	6	Ci	cl	OR, cl	66.9	55.9
14	991.5	62.0	55.0	53.0	SE	1	3	Cu	lc	OR, cl	65.9	54.1
15	995.4	61.7	55.1	54.7	NE	1	7	Cu	cl	o, cl	66.3	49.1
16	992.7	62.4	55.9	55.0	NNE	0	9	St-Cu	cl	cl, or	69.7	51.0
17	997.4	62.8	57.5	55.7	NNW	0	10	St	o	o, cl	68.2	54.0
18	998.2	62.8	56.0	53.8	N	1	9	St-Cu	cl	cl	66.2	53.0
19	1000.1	60.8	55.9	53.8	N	1	10	St-Cu	o	o	62.1	47.9
20	1006.1	62.8	55.8	54.6	N	1	2	Cu	lc	o, cl, lc	70.3	53.2
21	1004.5	61.5	56.8	55.6	N	0	9	St-Cu	cl	o, od	61.8	52.4
22	1001.4	61.0	53.0	49.7	NW	1	7	St-Cu	cl	o, cl	63.7	52.6
23	993.6	59.0	46.2	45.8	NW	1	9	Str	cl	cl, ORR	61.0	46.0
24	1003.2	60.8	51.9	49.6	N	1	3	Cu	lc	cl	67.2	45.1
25	1007.1	60.8	55.0	51.9	W	1	4	Ci	lc	cl	66.1	47.0
26	1008.7	60.6	58.3	54.9	SW	1	9	St-Cu	cl	o, cl	63.0	48.1
27	1003.8	62.8	61.2	60.6	SSW	1	8	Ci	cl	cl, or	68.8	58.8
28	994.6	62.8	58.9	58.2	W	1	9	Str	cl	o, ORR	66.6	58.9
29	993.5	62.2	58.3	55.7	SW	1	9	Cu	cl	cl	66.7	54.9
30	992.5	61.0	55.7	53.7	SW	1	7	Str-Cu	cl	cl, ps, cl	64.9	53.0
31	1004.2	61.0	54.4	52.7	NW	1	6	Str-Cu	cl	cl, ps, cl	67.0	52.9

2022.7 1591.7

Total Rainfall - 4.44 inches

Total Sunshine - 95.0 hours

Max. temp. - 70.3°F on 20th June

Min. temp. - 41.0°F on 1st June.

Lowest Max. temp. - 60.4°F on 11th July

Highest Min. temp. - 58.9°F on 28th July

mean max. temp. - 65.2°F

mean min. temp. - 51.3°F

mean temp. for month. - 58.3°F

min. grass temp. - 37.9°F on 1st.

Highest Bar. M.S.L. - 1029.7 m.b. on 10th

Lowest Bar. M.S.L. - 996.8 m.b. on 14th

Highest Daily Rainfall - 0.63 ins. on 23rd

19.3.9...

Corrected Barometer

Humidity

JULY	Attached Therm	Bar.	Bar.	%	V. T.	Sun shine.	visibility	
	A° 200+	m. l.	in.					
1	88.0	1015.6	29.990	70	9.4	9.1	K	Showery day. Cloudy, with warm light intervals. Cloudy night.
2	88.0	1013.0	29.914	76	11.0	0.8	K	Mostly cloudy day. Dull cloudy night.
3	88.0	1011.0	29.855	79	11.7	0.8	K	Generally cloudy day. Few bright periods. Cool overcast night.
4	89.1	1001.0	29.559	91	15.3	3.2	J	Mostly cloudy day. Bt. periods. Windy. Dull overcast night.
5	89.0	1000.6	29.547	88	13.2	7.1	J	Dull day. Slight passing shrs. Bt. warm periods. Drizzling night.
6	88.7	1000.4	29.541	92	13.5	1.3	J	Drizzling forenoon. Showery afternoon. Dull overcast night.
7	88.9	1005.6	29.695	75	11.8	4.6	K	Showery day. Stormy periods. Bt. intervals. Cloudy night.
8	88.3	1006.5	29.721	85	12.4	2.6	K	" " Cool night. Clearing.
9	88.7	1012.7	29.905	81	12.1	1.6	K	Cloudy day. Few bt. periods. Overcast night.
10	88.9	1029.7	30.407	76	10.8	4.3	K	Mild cloudy day. Warm Bt. periods. Overcast night.
11	87.6	1021.7	30.170	85	11.4	1.2	K	Drizzle early. Fine day. Bt. periods. Slight mist ^{at 2 hr} . Clear night.
12	89.6	1009.6	29.813	76	14.5	4.9	K	Cloudy day. Bt. warm periods. Cloudy night.
13	89.6	998.9	29.497	97	14.9	0.2	K	Heavy rain early. Mostly showery day. Mild cloudy night.
14	89.7	999.0	29.500	87	12.8	5.0	K	Showery forenoon. Bt. periods afternoon. Clear mild night.
15	89.5	1003.1	29.621	97	14.2	2.0	H	Thunder day. Dull misty night.
16	89.9	1000.0	29.530	95	13.1	3.7	J	Overcast f'noon. Thunderstorm from 16.45 (G.M.T.). Cool calm cloudy night.
17	90.0	1004.8	29.671	89	13.4	2.9	K	Overcast f'noon. Bt. warm periods afternoon. Cloudy night.
18	90.0	1005.8	29.701	86	13.2	3.2	K	Mostly fine mild day. Bt. periods. Cloudy night.
19	89.0	1007.7	29.757	86	12.7	0.0	J	Completely overcast day. Mild overcast night.
20	90.0	1013.6	29.931	92	14.0	3.1	K	Overcast f'noon. Bt. warm periods aft'noon. Clear mild night.
21	89.4	1012.5	29.899	92	14.4	0.0	I	Overcast day. Slight drizzle at 21 hrs (G.M.T.) Dull misty night.
22	89.1	1009.2	29.801	78	10.7	1.2	K	Overcast early. Fine bt. periods. Cool cloudy night.
23	88.0	1001.1	29.562	97	10.3	6.6	I	Showery day. Intermittent bt. periods. Cloudy night.
24	89.0	1011.0	29.855	84	11.0	11.3	K	Fine day. Bt. periods. Cool, mild, clear night.
25	89.0	1015.0	29.973	80	11.8	1.9	K	Cloudy day. One or two bt. periods. Clear mild night.
26	88.9	1016.4	30.014	79	13.1	0.0	K	Overcast day. Dull cloudy night.
27	90.0	1011.2	29.860	96	17.8	1.1	J	Bt. periods early. Rain 17 hrs. 20 m (G.M.T.) Cloudy night.
28	90.0	1001.9	29.586	96	16.6	0.0	K	Nasty wet day. Dull cloudy night.
29	89.8	1000.7	29.550	84	14.0	1.8	K	Cloudy day. Few bt. periods. Mild cloudy night.
30	89.1	1000.0	29.530	87	13.2	6.1	K	" " Passing showers. Bt. periods. Showers at obsn.
31	89.1	1012.0	29.589	89	12.8	4.2	K	" " Few bt. periods, shrs, cloudy night.

1939...

Moon, 9 hrs

Anemometer.

Clouds.

Weather.

8 ins auto

AUGUST

	Bar. mb.	Att. Ther. °F.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	Inches	m.m.	
1	1006.8	59.6	60.6	57.6	SSW	1	9	Cu	cl	cl, od, cl	.14	.15	0.15 4	3.7
2	1006.8	59.0	54.8	53.4	SSW	1	10	Str	o	cl, od, o	.14	.15	0.30 8	3.7
3	1003.7	58.5	60.5	56.0	N	1	8	Cu	cl	cl	.01	.01	0.31 9	0.2
4	1013.9	58.5	58.2	53.0	N	1	4	Cu	bc,	bc	—	—	—	—
5	1012.2	58.6	56.8	53.2	N	1	9	Cu	cl	bc, bc	—	—	—	—
6	1003.1	59.0	62.2	57.8	ESE	1	7	Ci alt-Cu	cl	bc	bc	bc	—	bc
7	998.9	59.0	58.5	54.7	SSW	1	8	alt-Cu Cu	cl	cl	.08	.08	0.39 7	2.0
8	998.3	60.8	56.5	55.7	W	1	10	Nim	od	od, cl, or	.05	.05	0.44 2	1.2
9	998.5	59.0	57.0	53.7	SSW	1	10	Str	o	cl	.24	.25	0.69 6	6.2
10	996.5	58.0	56.2	53.6	SSW	1	9	St-Cu	cl	cl, or	.16	.16	0.85 2	4.1
11	1003.8	57.2	57.9	57.1	SSW	1	7	alt-Cu Cu	cl	bc	.01	.01	0.86 3	0.3
12	1012.9	58.6	58.0	55.0	SW	1	9	alt-Cu St-Cu	cl	cl	.01	.01	0.87 4	0.3
13	1015.1	59.0	61.9	61.7	SSW	1	10	Str	o	cl	—	—	—	—
14	1016.9	62.4	62.9	58.7	SSE	1	9	Str	cl	cl	—	—	—	—
15	1019.3	62.8	62.0	58.9	SSE	1	9	Cu	cl	cl	—	—	—	—
16	1019.3	62.4	60.4	56.6	S	1	8	alt-Cu Cu	cl	cl	—	—	—	—
17	1016.9	62.2	65.6	60.2	W	1	3	alt-Cu Cu	bc	bc	—	—	—	—
18	1013.6	63.0	58.4	57.8	SSE	0	9	Str	cl, m,	bc	—	—	—	—
19	1012.9	64.5	60.1	57.6	S	1	8	Cu	cl	o	—	—	—	—
20	1008.9	62.8	57.2	54.8	SSE	1	10	Str	o	cl	.63	.63	1.50 7	15.9
21	1005.6	60.8	56.0	54.7	NNE	1	10	Str	o	o, or	bc	bc	—	bc
22	1006.7	59.4	60.4	55.4	N	1	0	—	bc	o	—	—	—	—
23	1011.7	59.0	59.2	55.7	NNE	1	4	Ci	bc	bc	—	—	—	—
24	1010.6	62.4	63.2	60.0	S	1	8	Cu	cl	bc	—	—	—	—
25	1007.8	62.2	61.8	59.6	SE	1	8	cu	cl, m	bc	—	—	—	—
26	1004.9	62.8	62.2	60.6	ENE	1	9	Str	cl, m	bc, m	—	—	—	—
27	1006.3	65.7	63.2	61.8	SSE	1	10	Str	o	cl	.04	.04	1.54 1	1.0
28	1009.1	64.0	62.7	62.1	SE	1	10	Nim	od	bc, cl, or	—	—	—	—
29	1010.2	64.5	64.0	63.3	SE	0	8	Str	cl	cl	—	—	—	—
30	1008.7	64.2	62.8	61.1	ENE	1	9	Cu	cl, m,	cl, m	.04	.04	1.58 5	1.1
31	1003.9	64.5	62.9	60.5	SE	1	8	Cu	cl	cl, m,	.04	.04	1.62 9	1.2

1939 1.62

1939...

Corrected Barometer

Humidity

In ground

Visibi

Aug.

Attached
Therm
A°200⁺Bar.
m.b.Bar.
ins.

%

V. T.

Temp
on
grass

1ft

4ft

-lity.

1	88.3	1014.7	29.668	83	14.9	49.1	61.2	57.9	L	cloudy morn. Slight drizzle at obsn.
2	88.0	1014.7	29.668	91	13.1	50.5	61.0	57.9	K	Rain 7 hrs 45 m (G.M.T.) Dull overcast morn.
3	87.7	1011.5	29.869	74	13.3	47.2	59.9	57.9	L	cloudy morn. Bright periods.
4	87.7	1021.9	30.176	69	11.4	43.3	60.7	57.9	L	Fine bright morn.
5	87.8	1020.1	30.123	78	12.2	41.0	60.8	57.9	K	Fine cloudy morn. Bt. periods
6	88.0	1010.9	29.862	75	14.2	42.1	60.9	57.9	L	Fine bt. morn.
7	88.0	1006.7	29.727	78	12.9	45.0	61.1	57.9	L	Mild, cloudy, morn.
8	89.0	1005.9	29.704	95	14.8	55.0	62.1	57.9	K	Rain since 1 hr (G.M.T.) Drizzle at obsn.
9	88.0	1006.1	29.733	80	12.6	46.0	61.1	57.9	K	Dull overcast morn.
10	87.4	1004.4	29.659	84	12.9	48.0	60.1	58.0	L	Dull cloudy morn.
11	87.0	1011.7	29.875	95	15.5	48.0	59.8	58.0	L	Bright morn early, then cloudy with bt. periods.
12	87.8	1020.8	30.144	82	13.4	50.0	60.0	57.9	L	cloudy morn.
13	88.0	1023.0	30.209	99	18.8	48.1	60.1	57.9	K	Dull overcast morn.
14	89.9	1024.5	30.253	77	15.0	57.8	61.9	57.8	K	Cloudy morn.
15	90.0	1026.9	30.324	83	15.6	54.1	62.9	57.8	K	Fine cloudy morn.
16	89.9	1026.9	30.324	78	14.9	52.1	62.9	58.0	L	cloudy morn. Bt. periods.
17	89.8	1024.5	30.253	72	15.4	46.1	63.0	58.1	L	Fine bright morn.
18	90.2	1021.1	30.152	96	16.1	49.0	63.2	58.3	J	Dull misty morn.
19	91.0	1020.3	30.129	85	15.1	54.2	64.0	58.7	K	cloudy morn. Bt. periods.
20	90.1	1016.4	30.014	85	13.6	50.9	63.8	58.8	L	Dull overcast morn.
21	89.0	1013.3	29.922	91	14.0	53.0	61.9	58.9	K	" " "
22	88.2	1014.4	29.955	71	12.7	49.0	60.9	59.0	L	Clear bright morn.
23	88.0	1019.6	30.108	79	13.6	41.0	61.0	58.9	L	Fine bright morn.
24	89.9	1018.1	30.064	82	16.2	51.0	62.3	58.9	K	cloudy morn. Bt. periods.
25	89.8	1015.2	29.978	87	15.4	49.9	62.3	58.9	H	Dull misty morn.
26	90.1	1012.3	29.893	91	17.3	52.0	62.1	58.9	H	" " "
27	91.7	1013.5	29.928	92	18.2	57.9	62.9	58.9	K	Dull overcast morn.
28	90.8	1016.5	30.017	96	18.8	53.0	63.0	58.9	H	" drizzling morn.
29	91.0	1017.6	30.043	96	19.6	58.0	63.8	59.0	K	cloudy morn. Bt. periods.
30	90.9	1016.1	30.005	91	17.7	53.0	63.6	59.1	J	cloudy morn. Slight mist.
31	91.0	1011.2	29.860	85	16.7	55.2	63.5	59.3	I	Slight mist. cldy. Breezy

1939.....	Evening, 2 hrs				Anemometer.		Clouds.		Weather.		Temperature		1939.....
AUGUST.	Bar. mb	Att. Ther. °F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max	Min	August, 1939.
1	1010.5	61.2	54.0	51.7	NW	1	4	Cu	bc	cl, or, cl	68.3	51.0	Total Rainfall - 1.62 inches
2	1002.9	59.0	52.0	51.7	W	1	7	Str	cl	cl, or, cl	59.3	51.9	Total Sunshine - 146.5 hours.
3	1009.9	61.2	55.8	53.9	N	1	3	Str	bc	cl, bc, od.	66.1	49.1	
4	1014.7	61.4	53.9	51.8	NE	0	-	-	bc	bc, bc	63.5	46.8	Max. temp. - 74.3°F on 14th August
5	1007.2	61.7	53.3	51.7	NE	1	5	Str	bc	bc, bc	64.3	47.6	Min. temp. - 42.6°F on 5th August
6	1001.6	61.4	55.9	54.7	SW	1	9	Str	cl	cl, o, or	66.2	44.1	
7	998.1	62.8	56.4	54.7	SSW	1	10	Nim	od.	cl,	69.0	46.5	Lowest Max. temp. - 59.3°F on 2nd August
8	1002.4	61.2	54.1	52.0	NW	1	9	Str	cl	od, cl	63.1	54.0	Highest Min. temp. - 58.1°F on 25th August
9	993.0	60.0	57.6	56.0	SW	2	7	Cu	cl	cl, or	60.2	47.2	
10	1001.8	59.0	52.3	51.8	SW	1	3	Cu	bc	cl, or	61.9	49.0	mean max. temp. - 67.7°F.
11	1010.1	60.2	56.1	56.0	NW	1	9	Str	cl	cl,	67.7	49.1	mean min. temp. - 51.5°F
12	1015.5	60.8	55.8	55.7	W	1	9	Cu	cl	or, cl	65.7	51.2	
13	1015.1	62.8	64.9	61.8	S	1	9	Str	cl	o, cl	71.0	48.1	mean temp. for month - 59.6°F
14	1017.6	65.5	63.2	58.8	S	2	10	Str	cl	cl, bc, cl	74.3	57.8	
15	1019.6	64.5	57.8	55.8	S	0	9	Str	cl	cl	69.2	55.6	min. grass temp. - 41.0°F on 5th + 23rd
16	1018.4	66.2	58.0	56.8	NW	0	1	Cu	bc	cl, bc	73.1	52.2	
17	1014.4	66.2	58.6	55.2	S	1	1	Ci	bc	bc, bc, bc	73.3	47.2	Highest Bar. M.S.L. - 1027.0 mb. on 15th
18	1013.1	66.2	61.8	59.8	S	1	10	Str	o	bc, bc, cl	73.3	55.3	Lowest Bar. M.S.L. - 1000.5 mb. on 9th
19	1010.8	66.0	57.8	55.6	S	1	9	Str	cl	cl	69.0	54.2	
20	1007.1	62.4	52.4	51.9	NNE	1	10	Str	o	o, or, T	61.1	52.8	Highest Daily Rainfall - 0.63 ins. on 20th
21	1005.9	61.5	56.0	53.7	NNE	1	10	Cu	o	o, od.	60.3	52.0	
22	1009.4	61.2	52.1	50.0	NNE	1	1	Str	bc	bc	69.6	49.0	
23	1011.3	64.5	57.6	56.6	S	1	2	Str	bc	bc, bc, bc	71.0	42.9	
24	1009.3	65.2	60.0	55.8	SE	1	3	Ci	bc	cl, bc, bc	70.2	52.0	
25	1006.2	64.5	58.6	57.6	SE	1	4	Cu	bc, m	cl, m, bc	68.9	58.1	
26	1004.7	65.7	60.9	58.8	SE	0	6	Str	cl	cl	71.0	54.0	
27	1008.1	65.8	63.0	59.7	S	1	3	Str	bc	o, or, cl	71.0	57.9	
28	1009.8	65.9	62.2	61.4	SE	1	9	Cu	cl	cl	72.7	54.9	
29	1008.9	66.2	59.3	58.6	E	1	7	Ci	cl, m	cl	71.3	57.0	
30	1005.8	66.4	59.8	58.0	ENE	1	9	Cu	cl	cl, or	69.2	55.3	
31	1000.9	64.5	62.2	60.8	ESE	2	10	Nim	od.	cl, or, cl	64.2	57.0	
											2099.0	1595.8	

1939

Corrected Barometer

Humidity

AUG,	Atmospheric A° 200°	Bar mb.	Bar in	%	V.T.	Sum- Shine	Visibil- ity	
1	89.2	1018.4	30.073	85	12.1	2.0	K	cloudy day. Showy. Bt periods. clearing at sun.
2	88.0	1010.8	29.849	98	13.0	0.1	K	Mostly overcast, showy day. cloudy night.
3	89.2	1017.6	30.049	88	13.3	9.7	K	Mostly lt. day. Slight drizzle at 20 hrs (G.M.T). clear night.
4	89.3	1022.6	30.197	86	12.2	13.7	J	Effulgent bright day. clear, calm, misty night.
5	89.5	1014.9	29.970	89	12.3	10.2	I	Cloudy f'moon. Bt. afternoon calm, clear, misty night.
6	89.3	1009.2	29.801	92	14.1	5.4	J	Bt. f'moon. Overcast afternoon. Shower at 20 hrs (G.M.T). cloudy night.
7	90.0	1005.5	29.692	90	13.8	6.6	J	cloudy day. Bt. periods. Drizzle at sun.
8	89.2	1010.2	29.831	86	12.2	0.7	K	Shower at 1 hr. (G.M.T) Dull evening. Dull, cloudy, night. Mild.
9	88.6	1000.5	29.534	90	14.6	0.8	K	Dull showery day. cloudy night.
10	88.0	1009.7	29.816	96	12.9	4.5	K	Shy dy, Hail 17½ hrs (G.M.T). clear night.
11	88.7	1017.8	30.055	99	15.3	8.2	K	cloudy day. Bright periods. cloudy night.
12	89.0	1023.2	30.215	99	15.10	1.7	K	Rain 9 hrs 15 m. (G.M.T) cloudy day. " "
13	90.0	1022.6	30.197	83	17.4	1.0	K	Mostly dull, warm, overcast day, cloudy night.
14	91.5	1024.9	30.265	76	15.0	6.0	K	Fine lt. day from 10.15 hrs (G.M.T). cloudy night.
15	91.1	1027.0	30.327	88	14.3	1.4	K	Rather cloudy day. Few lt. periods. cloudy night.
16	92.0	1025.7	30.288	92	15.2	11.0	K	Mostly bright warm day. clear calm night.
17	92.0	1021.6	30.167	79	13.2	12.6	K	Bright warm day. clear night.
18	92.0	1020.3	30.129	88	16.7	4.9	K	Bright f'moon. cloudy afternoon. cloudy night
19	91.9	1018.0	30.061	86	14.1	3.0	K	cloudy day. Few bright periods. cloudy night.
20	89.9	1014.8	29.967	96	12.9	0.0	K	Rain 15 hrs (G.M.T). Thunder 16½ hrs (G.M.T). Overcast night.
21	89.4	1013.6	29.931	85	13.1	0.0	K	Dull overcast day. cloudy night.
22	89.2	1017.3	30.040	86	11.4	12.2	K	Fine bright day. clear night.
23	91.0	1018.7	30.082	94	15.2	11.0	K	Generally fine day. clear misty night.
24	91.4	1016.7	30.023	75	13.3	6.3	K	Fine day. Occasional cloud. clear night.
25	91.0	1013.6	29.931	94	16.9	1.1	J	Mostly dull misty day. clear misty night.
26	91.7	1011.8	29.878	87	16.0	4.3	K	Mostly cloudy day. Few bright periods. cloudy night.
27	91.8	1015.3	29.982	81	16.0	1.7	K	Rain 9.45 (G.M.T) cdy day Bt. periods. clear night
28	91.9	1017.0	30.032	95	18.2	1.0	K	Mostly cloudy day. cloudy night.
29	92.0	1016.1	30.005	98	16.7	1.3	I	cloudy day. Dull misty night.
30	92.1	1013.0	29.914	89	15.7	4.1	K	cloudy day. Bt periods. Rain 20 hrs (G.M.T) cloudy at sun.
31	91.1	1008.2	29.771	92	17.5	0.0	J	Dull overcast day. Occas. drizzle. Overcast night, Drizzle at sun.

1939...	MORN., 9 hrs.				Anemometer.		Clouds.		Weather.		8 ins Auto			
SEPTEMBER	Bar. m. l.	Att. Ther. °F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	Language	m. m.	
1	1002.8	64.5	65.4	61.6	SE	1	6	ci cu	cl	od, o.	.08	.08	0.08	2.1
2	1003.8	64.5	64.0	61.4	SE	1	6	cu	cl	cl	.08	.08	0.16	2.0
3	994.5	63.6	60.8	60.5	E	1	10	Alto cu	cl, ad	cl, od.	.77	.77	0.93	19.6
4	1006.7	61.7	59.0	57.3	S	1	8	st-cu	cl	cl, od.	—	—	—	—
5	1008.1	62.8	61.8	57.5	SE	2	7	alt-cu cu	cl	cl	—	—	—	—
6	1009.7	62.8	62.6	60.8	S	1	10	Str	cl	cl	.02	.02	0.95	0.6
7	1010.6	63.0	62.1	60.9	ESE	1	10	Nim	od.	o	.25	.26	1.21	6.5
8	1007.9	60.8	57.8	56.0	S	1	9	Str	cl.	od, o	—	—	—	—
9	1012.5	59.7	57.0	55.0	SSW	1	9	Str	cl, m.	cl	.38	.39	1.60	9.8
10	1003.7	60.8	59.3	58.6	S	1	10	Nim	o	cl, cl, o	.11	.11	1.71	2.7
11	1007.8	59.4	58.8	55.6	W	1	8	St-cu	cl.	cl, cl	—	—	—	—
12	1013.7	58.8	56.2	52.8	NW	1	9	Str	cl	cl, cl	.05	.05	1.76	1.2
13	1004.9	59.4	57.9	54.8	W	1	8	cu alt-min	cl, od.	od., cl	.03	.03	1.79	0.7
14	1006.6	58.6	51.9	49.4	WNW	1	7	cu st-cu	cl	cl, cl	.01	.01	1.80	0.2
15	1012.0	57.0	54.0	51.0	NW	1	10	Str	o	cl, cl	—	—	—	—
16	1017.9	56.0	58.5	53.1	NW	1	4	ci cu	cl	cl, m.	—	—	—	—
17	1022.4	55.8	55.8	54.8	NE	1	6	alt-cu cu	cl, m.	cl, m.	—	—	—	—
18	1026.1	56.8	53.2	52.2	ENE	1	10	Str-cu	o, m.	cl, m.	—	—	—	—
19	1026.1	57.0	56.2	51.4	NE	1	8	cu st-cu	cl	o	—	—	—	—
20	1023.1	56.8	54.6	52.0	NE	1	8	ci cu	cl	o	—	—	—	—
21	1020.7	57.0	54.2	52.7	NE	1	10	Str	o	o	—	—	—	—
22	1019.8	55.6	57.2	55.6	NE	1	10	Str	o, m.	cl, m.	—	—	—	—
23	1020.1	57.0	55.0	53.7	N	1	10	Str	o	o	—	—	—	—
24	1024.3	54.0	49.9	47.8	NE	1	6	alt-cu cu	cl, m	cl, m	—	—	—	—
25	1023.2	55.4	51.7	50.5	NE	0	9	Str	cl, m	cl, o	cl	cl	—	cl
26	1018.1	54.0	48.0	47.7	NE	1	7	cu	cl, m	cl, F	—	—	—	—
27	1021.4	54.0	52.1	49.9	NE	1	7	alt-cu cu	cl	o	—	—	—	—
28	1019.1	52.8	52.8	47.7	E	1	3	cu	cl	cl	—	—	—	—
29	1010.1	53.2	49.8	47.7	E	1	9	st-cu	cl, m.	cl, cl	—	—	—	—
30	1003.0	52.2	48.2	46.7	E	1	10	Str	o, m	cl, m.	—	—	—	—
31											178			

[illegible]

1939...	EVEN., 24 hrs.		Anemometer.		Clouds.		Weather.		Temperature				
SEPTEMBER	Bar. m. b.	Att. Ther. °F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max	Min.	September, 1939.
1	1004.4	66.2	62.7	60.0	SE	2	8	ci	cl,	cl, or	72.8	60.0	Total Rainfall - 1.80 inches
2	1000.9	65.0	59.4	57.8	E	1	10	Nim	o.	cl, or	67.2	58.9	Total Sunshine - 86.1 hours
3	999.3	63.0	58.0	57.5	S	1	10	Nim	od	or	62.9	57.8	
4	1008.4	64.6	60.4	56.8	SE	1	9	Str	cl	cl, od	69.9	53.0	Max. temp. - 72.8°F on 1st September
5	1007.2	64.0	61.4	58.8	SE	1	10	Nim	od	cl	67.2	55.2	Min. temp. - 36.0°F on 29th September
6	1011.5	64.5	63.5	62.1	SE	1	10	Str	cl, o	cl, od, o	65.8	60.0	
7	1006.8	62.8	60.9	58.9	SSE	1	10	Nim	od	od, o, or	63.3	59.1	Lowest max. temp. - 53.3°F on 29th
8	1012.0	63.4	54.0	52.7	WSW	1	1	Str	lc	cl,	68.9	53.8	Highest min. temp. - 60.0°F on 1st & 6th
9	1009.7	61.4	55.9	53.1	S	1	4	Str	lc,	cl	63.0	48.1	
10	1003.0	60.8	53.9	51.0	W	1	3	Str	lc	or, lc	67.0	53.6	Mean max. temp. - 62.4°F
11	1013.5	61.0	51.8	51.0	NW	1	2	Str	lc	cl, lc,	66.3	51.0	Mean min. temp. - 48.2°F
12	1008.9	60.6	55.1	54.7	NW	1	10	Nim	od.	cl, o, or	62.1	45.1	
13	1003.9	60.8	52.7	51.7	WNW	1	9	Nim	od	od, cl, od	64.9	52.0	Mean temp. for month - 55.3°F
14	1010.3	58.9	48.0	46.8	NW	1	3	Str	lc	cl	58.9	47.9	
15	1015.4	58.4	46.7	45.8	NW	0	-	-	lc, m.	o, cl, lc	58.3	46.3	Min. grass temp. - 36.7°F on 29th
16	1020.1	59.4	53.0	52.2	NE	1	2	Str	lc	lc, or	63.0	41.6	
17	1024.1	58.6	50.9	49.7	S/E	0	4	Str	lc, m	cl, m, cl	64.0	40.3	Highest Bar. M.S.L. - 1034.9 mb. on 18th
18	1026.5	57.8	53.0	52.4	NE	1	10	Str	o,	o, m, cl, o	58.2	46.0	Lowest Bar. M.S.L. - 1001.7 mb. on 3rd
19	1024.4	57.6	52.9	50.8	NE	1	10	Str	o	cl, o	58.2	50.0	
20	1020.9	57.3	53.2	51.6	NE	1	10	Str	o	cl, o	58.1	49.9	Highest Daily Rainfall - 0.77 ins. on 3rd
21	1020.3	57.0	48.8	48.6	NE	1	3	ci	lc, m	o, cl	59.8	48.0	
22	1019.5	59.0	56.7	55.1	NE	0	10	Str	o	o, cl, o	64.0	43.9	
23	1022.0	57.6	44.0	43.2	NE	1	-	-	lc, m	o, cl	60.0	44.0	
24	1024.5	57.0	47.0	46.0	NE	1	3	alt-cu	lc,	cl, m, cl	60.9	38.0	
25	1019.9	57.0	46.8	45.2	NE	0	3	Str	lc,	cl, m, cl	62.0	44.9	
26	1019.1	56.7	50.0	48.7	NE	1	10	Str	o,	cl, f, cl	58.7	39.9	
27	1021.8	56.0	43.8	41.9	E	1	2	ci	lc,	cl, lc	59.1	43.2	
28	1013.9	56.0	42.0	40.9	E	1	-	-	lc,	lc, lc, lc	58.0	38.0	
29	1006.1	53.8	42.6	41.1	E	1	6	ci	cl, m	cl, m, cl	53.3	38.0	
30	1000.5	53.8	50.1	47.8	NE	1	10	Str	o	o, cl, o	55.1	40.2	
31											1870.9	1445.7	

1939...

Corrected Barometer

Humidity

SEPT.	attached therm. At 200'	Bar. mb.	Bar. ins.	%	V.T.	Sun- shine	Visibi- -lity
1	92.0	1011.5	29.869	85	16.7	6.2	K
2	91.3	1008.2	29.771	90	15.6	1.6	K
3	90.2	1006.7	29.727	94	15.9	0.0	H
4	91.2	1015.7	29.993	79	14.1	6.2	K
5	90.8	1014.5	29.958	90	16.8	1.8	J
6	91.0	1019.9	30.117	92	18.4	0.1	K
7	90.1	1014.3	29.952	88	16.1	0.0	H
8	90.4	1019.7	30.111	91	13.1	5.9	K
9	89.3	1017.4	30.043	82	12.5	0.6	K
10	89.0	1010.8	29.849	81	11.9	1.9	K
11	89.1	1021.4	30.161	94	12.4	9.3	K
12	88.9	1016.8	30.026	97	14.3	0.3	I
13	89.0	1011.7	29.875	93	12.7	3.7	I
14	87.9	1018.3	30.070	91	10.3	1.6	K
15	87.6	1023.4	30.221	93	10.1	0.6	K
16	88.2	1028.2	30.362	99	13.5	5.3	K
17	87.8	1032.2	30.480	91	11.6	5.2	H
18	87.3	1034.9	30.560	96	13.1	0.9	K
19	87.2	1032.4	30.486	86	11.7	0.4	K
20	87.1	1029.2	30.392	89	12.4	1.3	J
21	87.0	1028.6	30.374	98	11.6	0.2	I
22	88.0	1027.5	30.342	90	14.1	5.2	K
23	87.2	1030.5	30.430	93	9.2	3.5	J
24	87.0	1032.8	30.498	92	10.1	5.3	K
25	86.9	1028.2	30.362	87	9.5	1.3	J
26	86.7	1027.4	30.339	91	11.1	1.0	J
27	86.3	1030.3	30.424	84	8.2	7.1	K
28	86.3	1022.5	30.194	91	8.2	9.2	K
29	85.0	1014.8	29.967	87	8.1	0.3	J
30	85.0	1009.0	29.795	83	10.3	0.1	J
31							

Cloudy day. Bt. periods. Rain 16 hrs (G.M.T.) Cloudy night.

Cloudy day. Bt. periods. Overcast night.

Thunderstorm, from dawn to 11:15 a.m. (G.M.T.) Dull wet night.

Cloudy day. Bt. intervals. Cloudy night.

Cloudy day. Few bt periods. Rain at dawn.

Overcast day. Occasional drizzle. Overcast night.

Overcast f'moon. Rain since 15 hrs (G.M.T.) Dull wet night.

Cloudy day. Bt. periods. Fine clear night.

Generally cloudy day. Clear night. Few clouds.

Wet f'moon. Bt. periods late aftn. Clear night at dawn.

Mostly bright day. Clear night.

Cloudy day. Rain 20:15 hrs (G.M.T.) Overcast, drizzling night.

Cloudy day. Bt. periods. Occasional drizzle. Drizzle at dawn.

Cloudy day, with bright periods. Clear night.

Overcast day. Few bt periods late aftn. Clear, misty, night.

Bright f'moon; Overcast aftn. Clear night.

Cloudy day. Bt. periods. Clear misty night. Aurora at dawn.

Overcast, then cloudy with bt. pds. Overcast night.

Mostly overcast day. Overcast night.

Cloudy day. Bt. periods. Overcast night.

Mostly overcast day. Clear, misty, night.

Overcast. Cloudy. Bt. periods. Overcast night.

Cloudy f'moon. Bt. periods aftn. Clear misty night.

Cloudy day. Bt. periods. Clear night.

Mostly cloudy day. Clear, misty, night.

" " " Overcast night.

Bt. periods f'moon. Fine bright aftn. Clear night.

Fine bright day. Clear mild night.

Mostly cloudy day. Slight mist at night. Cloudy, with moon and stars showing [at dawn.

" overcast day. Dull overcast night.

1932	MORN.,		9 hrs.		Anemometer.		Clouds.		Weather.		8 ins Auto			
OCTOBER	Bar. m. b.	Att. Ther. of	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	Guages	m. m.	
1	1001.4	52.8	50.8	47.5	NE	1	6	cu	cb, m.	0	.02	.03	.032	0.6
2	1009.2	51.2	48.8	44.8	NE	1	2	cu	bc	bc	—	—	—	—
3	1012.7	49.5	47.0	44.6	NE	1	2	cu	b, m.	bc, m.	—	—	—	—
4	1004.7	51.4	52.1	46.5	E	2	7	cu	cb	cb	.25	.25	.287	6.3
5	985.0	52.2	51.0	50.2	E	4	10	Nim	orr,	or, or	.74	.74	1.021	18.8
6	984.9	53.2	55.0	51.8	SE	1	5	cu	bc	b, cb, or, cb	—	—	—	—
7	1006.0	53.4	51.0	49.7	S	0	9	Str-cu	cb, m.	0, cb	.01	.01	1.032	2.2
8	1005.3	52.7	52.0	48.1	ESE	2	9	Str-cu	cb,	cb	.20	.20	1.232	4.9
9	990.0	53.2	53.1	52.3	SSE	1	9	Str-cu	cb	or, orr	.05	.05	1.287	1.2
10	990.0	51.2	52.8	50.0	SE	2	9	Str	cb	bc, cb, or	.05	.05	1.332	1.1
11	992.3	51.8	51.4	49.7	S	2	8	Str	cb	bc, cb	.28	.28	1.610	7.0
12	992.8	53.2	53.0	50.8	SE	1	8	Str-cu	cb, m.	0, or,	.68	.68	2.298	17.3
13	992.3	52.6	50.0	49.6	NE	1	9	cu-Nim	cb, or	cb, orr	.43	.44	2.781	11.0
14	991.4	51.8	49.8	46.4	NNE	1	1	cu	cb, dr	bc	.01	.01	2.742	0.3
15	992.9	48.4	41.8	40.8	NNE	1	9	cu	cb, m	b, m, or	tr	tr	—	tr
16	1004.8	48.2	43.8	42.6	NNE	0	4	alt-cu cu	bc, m	bc	—	—	—	—
17	1010.1	47.5	37.3	37.1	NNE	1	8	Str	cb, m	bc, m.	.04	.04	2.786	1.0
18	1013.7	47.5	41.0	40.8	E	1	7	Str	cb, f	cb, f	tr	tr	—	0.1
19	1017.0	45.8	36.8	36.5	NE	1	9	Str	cb, f	b, m	—	—	—	—
20	1017.9	46.4	43.2	41.6	NE	1	7	cu	cb, m.	b, m	—	—	—	—
21	1017.0	46.4	45.4	43.6	SSE	1	9	alt-cu Str	cb, m	b, m, or	.03	.03	2.819	0.8
22	1018.0	48.8	49.6	48.3	SSE	1	3	cu	bc, m	or, f	.08	.08	2.897	2.0
23	1012.7	50.0	52.0	51.6	SSW	1	10	Nim	or,	cb, or, or	.27	.27	3.164	6.9
24	1009.7	49.7	47.9	46.6	W	1	9	Str-cu	cb,	cb, or,	.01	.01	3.175	0.2
25	1010.1	48.2	45.0	43.2	NW	1	5	alt-cu cu	bc,	bc	.08	.09	3.263	2.2
26	1005.3	48.8	42.9	41.7	N	1	8	Str-cu	cb,	cb, or	.04	.04	3.307	1.0
27	1014.5	45.0	36.6	32.6	N	1	1	cu	b, m	b, b	—	—	—	—
28	1014.5	44.6	35.9	34.6	N	0	1	cu	b, m	b, m, b	—	—	—	—
29	1009.2	43.5	34.2	33.4	NE	0	9	ci-Str	cb, m	cb	.03	.03	3.330	0.7
30	1010.1	46.2	45.0	43.8	NE	1	10	Nim	orr	cb, or, or	.20	.21	3.540	5.2
31	1006.6	45.8	47.0	43.2	NE	1	9	Str-cu	cb	cb	.09	.09	3.639	2.3
											3.59			

1939....	Corrected Barometer			Humidity			In Ground		Visibility	
OCT.	attached Therm A 200+	Bar., m.b.	Bar., in	%	V.T.	Temp., on grass	1 ft	4 ft	-ity	
1	84.6	1009.9	29.822	76	9.7	43.7	53.9	57.1	K	cloudy morn. Bt intervals. Slight mist.
2	83.7	1017.9	29.763	71	8.3	37.0	53.6	56.0	K	Fine bright morn.
3	82.7	1021.6	30.163	81	9.0	32.9	52.1	56.8	K	Clear bright morn; Slight mist; Cooler.
4	83.8	1013.3	29.922	62	8.3	46.0	52.0	56.2	K	cloudy morn. Bright periods; Breezy.
5	84.2	993.5	29.338	94	12.0	49.0	52.0	55.0	G	Rain early. Nasty wet, breezy morn.
6	84.8	993.3	29.332	79	11.7	48.2	52.7	54.9	K	Heavy Rain during night. cloudy morn, Bt, periods.
7	84.9	1014.6	29.961	91	11.6	49.1	53.2	54.8	K	Mild cloudy morn; Slight mist.
8	84.5	1013.9	29.940	73	9.7	45.0	53.2	54.6	K	cloudy morn; Breezy.
9	84.8	998.4	29.482	95	13.5	54.0	53.0	54.5	K	cloudy morn.
10	83.7	998.5	29.485	81	11.0	41.0(?)	52.8	54.4	K	cloudy morn; Breezy. Gr. Min Reading uncertain bubbles in spirit col.
11	84.0	1000.8	29.553	87	11.4	48.1	52.9	54.1	J	Dull cloudy morn.
12	84.8	1001.2	29.565	85	11.7	47.9	53.1	54.1	J	cloudy morn; Bt periods. Slight mist. Gr. Min. fixed.
13	84.4	1000.8	29.553	97	11.9	47.0	53.1	54.0	H	Heavy rain during night. Dull wet morn.
14	84.0	999.9	29.527	76	9.2	40.9	52.8	54.0	K	Fine bright morn. Cool.
15	82.1	1000.9	29.556	91	8.2	33.0	51.1	54.0	J	Rain early. Dull misty morn.
16	82.0	1013.8	29.937	90	8.7	34.8	50.8	53.9	I	Fairly bright, misty morn.
17	81.6	1019.3	30.099	98	7.5	30.1	49.8	53.6	D	Dull misty morn; Frost early.
18	81.6	1022.9	30.206	98	8.5	35.9	49.0	53.2	C	Dull foggy morn.
19	80.7	1026.5	30.312	97	7.2	30.0	48.1	53.0	C	Dull foggy morn. Frost early.
20	81.0	1027.4	30.339	87	8.2	32.0	47.6	52.8	K	cloudy morn; Bt periods; slight mist; ground frost early.
21	81.0	1026.3	30.306	86	8.8	32.0	47.4	52.3	I	Dull cloudy morn; Misty; ground frost early.
22	82.3	1027.2	30.333	91	10.9	42.0	48.8	52.0	I	Fine bright misty morn.
23	83.0	1021.6	30.163	97	12.9	45.9	49.8	51.9	I	Dull, mild drizzling, morn.
24	82.8	1018.6	30.079	90	10.2	43.0	50.0	51.8	K	cloudy morn.
25	82.0	1019.2	30.096	85	8.7	37.0	49.3	51.8	K	Fine bright morn;
26	82.3	1014.5	29.958	90	8.4	42.0	49.3	51.7	K	Rain early; bbl, cloudy morn. Bt periods.
27	80.2	1024.1	30.242	61	4.5	28.0	47.8	51.7	G	Bright frosty morn. Misty.
28	80.0	1023.1	30.212	87	6.2	27.0	46.0	51.6	G	Bright misty morn. Frosty.
29	79.4	1016.9	30.029	92	6.1	26.9	45.0	51.1	I	Calm, cloudy, misty, morn. Frosty.
30	80.9	1019.3	30.099	91	9.2	38.0	45.3	50.9	I	Dull wet morn.
31	80.7	1016.8	30.026	71	7.9	30.0	45.7	50.4	J	cloudy morn.

1939...	EVEN,		21 hrs.		Anemometer.		Clouds.		Weather.		Temperature		OCTOBER, 1939.
OCTOBER	Bar. m.b.	Att. Ther. °F	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.	
1	1005.0	53.8	47.2	45.2	NE	1	4	Cu	bc	cl, m, cl, s, r	55.0	44.5	Total Rainfall - 3.63 inches
2	1011.8	53.4	39.9	38.8	NE	1	1	Cu	bc, m	bc, cl, bc	54.8	39.3	Total Sunshine - 116.1 hours
3	1009.9	53.0	44.0	42.8	NE	1	9	Str-Cu	cl	bc, cl	55.6	31.1	
4	994.2	53.2	50.1	45.7	E	4	10	Nim	od	cl, o	55.0	41.2	max. temp. - 60.5°F on 11th October
5	984.9	53.8	50.0	48.0	SE	1	3	Cu	bc	or, o, cl, bc	60.0	48.0	min. temp. - 29.1°F on 29th October.
6	997.4	55.0	51.0	48.8	S	1	10	St-Cu	o	bc, cl	59.8	48.0	
7	1008.5	53.8	49.0	47.6	SE	1	9	St-Cu	cl	cl, o, cl	58.0	47.0	Lowest max temp - 47.5°F on 26th October
8	995.1	52.8	51.2	49.6	SE	4	10	Nim	cl, or	or	53.2	46.0	Highest min. temp. - 49.0°F on 12th October
9	992.1	53.0	46.3	43.8	S	1	2	Str	bc	cl, or	59.0	46.0	
10	990.5	53.8	52.9	51.4	S	2	4	Str	bc	cl, or	58.3	44.8	mean max. temp. - 54.2°F
11	990.5	54.2	50.9	49.6	SE	1	10	Str	o	cl, or	60.5	48.1	mean min. temp. - 40.0°F
12	993.0	53.8	51.0	49.5	SE	1	8	Str	cl	cl	58.0	49.0	
13	990.3	53.0	50.2	49.7	NE	1	10	Nim	od, cl	or, cl, or	53.4	47.9	mean temp. for month - 47.1°F
14	993.0	51.8	40.0	38.9	NNE	1	1	Cu	bc, m	bc, cl, bc	53.2	43.8	
15	997.0	51.0	41.9	41.3	NNE	1	4	Cu	bc	cl, m, cl	53.0	33.4	min. grass temp. - 26.9°F on 29th Oct.
16	1009.2	51.0	38.0	37.6	NNE	0	2	Str	bc, m	bc, m, bc	55.8	36.0	
17	1012.1	48.6	39.1	38.8	NE	1	6	Str	cl, f	cl, m, or, cl, f	50.4	31.2	Highest Bar. M.S.L. - 1027.4 mb. on 19th & 20th
18	1015.0	48.8	35.9	35.1	NE	1	1	Str	bc, m	cl, f, bc	53.0	35.2	Lowest Bar. M.S.L. - 993.3 mb. on 5th & 6th
19	1018.1	48.8	36.3	35.6	E	1	1	Str	bc, m	cl, f, bc	53.2	31.1	
20	1018.1	48.8	41.0	38.9	SSE	1	1	Cu	bc, m	cl, m, bc	55.2	33.1	Highest Daily Rainfall - 0.74 ins on 5th
21	1017.0	48.4	49.4	48.9	SSE	0	10	Nim	od, f	cl, o, cl	52.0	34.9	
22	1016.4	50.0	49.7	47.0	SSE	1	9	Str-Cu	cl	bc, m, o	55.9	46.9	
23	1011.0	50.0	47.7	45.8	W	1	10	Str	cl	od, or, o	54.3	46.1	
24	1009.3	50.0	43.9	42.0	NW	1	4	Cu	bc	cl, o	56.8	43.2	
25	1009.1	50.0	46.7	45.7	NW	1	10	Str-Cu	cl	bc, cl	55.8	40.1	
26	1012.7	48.2	34.2	32.8	N	1	1	Cu	bc	cl, bc	47.5	34.2	
27	1013.7	47.8	34.9	33.7	N	0	7	Cu	cl, m, or	bc, bc	49.9	30.0	
28	1013.1	47.2	35.0	33.6	NE	1	9	Ci-Str	cl	bc, m	48.2	30.7	
29	1008.6	46.4	44.0	41.8	NE	1	8	Cu	cl	cl, m, cl	48.2	28.1	
30	1011.6	46.2	43.2	40.6	NE	1	9	Str	cl	OR, cl	48.0	41.1	
31	1000.5	46.8	46.0	43.0	NE	1	10	Str	cl, o	cl, bc, o	50.2	40.1	
											1681.2	1240.1	

1932....	Corrected Barometer			Humidity		Sun-Shine	Visibil-ity	
OCT.,	attached therm A 200 ⁺	Bar., m. b	Bar., in	%	V.T.			
1	85.0	1013.5	29.633	85	9.4	2.4	J	cloudy day. Bt. periods. Rain 18 hrs. (G.M.T.) clear night.
2	84.9	1020.5	30.135	90	7.5	10.1	1	Mostly bright day. clear misty night.
3	84.7	1018.6	30.079	90	8.8	8.3	J	Generally bright day. Mild cloudy night.
4	84.8	1002.6	29.606	69	8.5	6.5	J	cloudy day. Bt. periods. Dull overcast, breezy night. Commencing to drizzle at 12m.
5	85.0	993.3	29.332	91	11.2	1.4	J	Rain all day to 17 $\frac{1}{2}$ hrs. (G.M.T.) Bt. periods. clear night. Lightning at 12m.
6	85.8	1005.7	29.698	91	10.6	4.8	J	cloudy day. Bt. periods. Mild overcast night.
7	85.0	1017.1	30.034	89	10.6	0.4	J	Mostly overcast day. cloudy night.
8	84.6	1003.6	29.642	91	11.7	0.3	G	Generally overcast day. Rain 20 hrs (G.M.T.) Dull, wet, breezy, night.
9	84.7	1000.5	29.544	81	8.6	2.7	J	cloudy f'moon. Bt. periods aft'noon. clear night.
10	85.0	998.9	29.497	89	12.7	0.8	J	cloudy day; Bt periods. Showery since 15 $\frac{1}{2}$ hrs (G.M.T.) clear, breezy night.
11	85.3	998.9	29.497	91	11.5	3.2	I	cloudy day; Bt. pds aft'noon. Rain 18 $\frac{1}{2}$ hrs (G.M.T.) Dull cloudy night.
12	85.1	1001.4	29.571	90	11.4	1.0	J	cloudy day. Few lt. periods. cloudy night. Heavy lightning at 12m.
13	84.7	998.7	29.491	96	11.9	0.6	H	Dull wet day. Bt period aft'noon. Thunderstorm 17 $\frac{1}{2}$ hrs (G.M.T.) Dull overcast night; Heavy lightning at 12m.
14	84.0	1001.7	29.580	90	7.5	5.6	J	Mostly lt. f'moon. Cloudy, lt pds. aft'noon. clear night; slight mist.
15	83.6	1005.8	29.701	95	8.6	2.0	J	cloudy day; lt periods. Fairly clear night.
16	83.6	1018.9	30.088	96	7.5	8.0	G	Fine bright day. clear, misty night. Heavy lightning at 12m.
17	82.2	1021.1	30.162	97	7.9	1.3	C	cloudy day. Bt. periods. Rain 17 hrs (G.M.T.) Dull foggy night.
18	82.3	1024.3	30.247	92	6.5	6.1	G	Mostly bright day; Fine misty night.
19	82.3	1027.4	30.339	93	6.7	7.0	G	Generally fine, lt day. clear mild, misty, night.
20	82.3	1027.4	30.339	81	7.1	6.0	1	cloudy f'moon; Bt periods; fine lt. aft'noon. Fine, clear night. Slight mist.
21	82.1	1026.2	30.303	97	11.6	0.3	C	Mostly overcast day. Drizzle since 20 hrs. (G.M.T.) Dull, calm, foggy, drizzling night.
22	83.0	1025.4	30.279	80	9.8	3.0	1	Mostly bright f'moon; overcast aft'noon; cloudy night.
23	83.0	1019.9	30.117	87	9.7	0.5	1	Dull, showery day. cloudy night.
24	83.0	1018.4	30.073	84	8.2	2.4	J	Mostly cloudy f'moon. Bt. periods aft'noon. clear, mild, night. Lunar Halo at 22 $\frac{1}{2}$ hrs. (G.M.T.)
25	83.0	1018.0	30.061	92	10.0	3.6	J	cloudy day; lt periods. cloudy night.
26	82.0	1021.9	30.176	85	5.7	6.2	J	cloudy f'moon; Bt. periods. Bright aft'noon. clear, mild, night.
27	81.8	1022.9	30.206	87	6.0	8.2	I	Fine bright day. cloudy night. Misty. Light showers at 12m.
28	81.4	1022.5	30.194	85	5.9	8.5	I	Bright day; cloudy night. Lunar Halo at 12m.
29	81.0	1018.0	30.061	82	8.0	1.4	J	cloudy day; Bt. periods. Cloudy night.
30	80.9	1021.3	30.158	77	7.4	1.9	H	Rain in early f'moon. cloudy day. Bt periods. cloudy night.
31	81.2	1009.6	29.813	77	8.1	1.6	H	cloudy day. Bt pds. Shower at 17 hrs (G.M.T.) Dull overcast night.

1939.....

Corrected Barometer

Humidity

In ground

Visib

Nov

attached
therm
A 200+Bar,
m. l.Bar
ins

%

V. T.

Temp
on
grass

1 ft

4 ft.

-ility.

1

81.0

1006.5

29.721

86

9.3

42.0

46.0

50.2

J

Rain early. Cloudy morn.

2

80.9

1006.3

29.715

81

7.6

40.0

46.2

50.0

J

Dull overcast morn.

3

81.8

999.1

29.503

85

11.1

44.3

46.9

50.0

J

Cloudy morn. Drizzle at obsn.

4

81.2

988.8

29.199

91

10.8

40.9

47.9

49.9

I

Rain early; Cloudy morn; slight drizzle at obsn.

5

81.0

992.5

29.308

87

8.5

34.9

47.9

49.9

K

Fine bright, mild, morn.

6

80.4

986.1

29.119

75

7.7

39.0

47.0

49.9

K

Bright, breezy, morn.

7

82.0

991.0

29.264

91

10.7

44.0

47.0

49.9

J

Rain early; Dull wet morn.

8

82.2

982.8

29.022

85

11.3

46.0

47.9

49.7

J

Rain early; Cloudy morn; drizzle at obsn.

9

81.9

996.3

29.420

89

9.0

41.0

48.1

49.7

J

Cloudy morn; bright periods

10

81.5

1008.6

29.783

90

8.8

38.0

47.1

49.8

K

Bright morn; Slight mist.

11

82.9

1005.3

29.686

86

10.8

44.2

47.2

49.7

K

Rain early; Cloudy morn.

12

82.3

1012.8

29.908

98

8.5

37.0

48.0

49.6

C

Dull, calm, foggy morn.

13

82.7

1005.8

29.701

86

10.9

46.0

48.0

49.7

J

Overcast breezy morn.

14

83.0

1004.6

29.665

86

10.4

46.0

48.9

49.7

J

Rain early; Cloudy morn.

15

81.1

994.8

29.377

80

7.9

41.0

48.0

49.8

K

Fine, bright morn.

16

80.6

1001.1

29.562

95

8.6

36.9

46.9

49.7

I

Rain early. Dull drizzling morn.

17

80.4

1013.9

29.940

97

8.9

39.1

46.0

49.6

H

Rain 7 hrs (G.M.T) Dull, overcast, misty morn.

18

81.8

1017.4

30.043

91

11.1

44.9

46.9

49.4

I

Cloudy morn.

19

81.0

1018.3

30.070

91

9.9

37.2

46.9

49.2

J

Cloudy morn.

20

80.4

1032.1

30.477

90

8.1

36.3

46.0

49.1

J

Mild, cloudy, morn.

21

81.0

1032.3

30.483

87

9.0

39.9

46.0

49.0

J

" " "

22

81.8

1016.7

30.023

92

11.3

43.9

46.2

49.0

H

Rain since 8 hrs. (G.M.T). Wet, blustery, morn.

23

80.0

1012.8

29.908

90

7.9

36.0

45.8

48.9

J

Overcast morn; Slight mist at obsn.

24

78.9

1019.8

30.114

83

6.7

30.0

44.1

49.0

J

Fine bright morn; ground frost.

25

78.8

1010.2

29.831

90

7.5

32.7

43.0

48.8

I

Rain since 7 hrs (G.M.T) Dull, wet, breezy morn.

26

80.0

987.2

29.151

79

7.1

38.9

44.8

48.5

K

Showery, breezy morn. Cloudy at obsn.

27

78.8

986.1

29.119

87

7.3

35.0

43.9

48.1

J

Fine bright morn.

28

78.1

1010.3

29.834

92

7.3

33.0

42.9

48.0

J

Mild cloudy morn.

29

81.0

1007.4

29.748

81

10.6

45.9

44.0

47.8

J

Rain early. Mild cloudy morn.

30

80.9

1016.6

30.020

90

8.8

38.5

45.8

47.6

I

Cloudy morn; Mild.

31

1939.....

EVEN.

21 hrs.

Anemometer.

Clouds.

Weather.

Temperature

NOVEMBER

Bar.
m. b.Att.
Ther.
86

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max.,

Min.

November, 1939.

1	997.3	46.8	47.4	45.0	E	3	10	St	o	cl, o, cl	48.9	43.1	Total Rainfall - 4.96 inches
2	996.3	46.8	48.4	46.6	E	1	10	St	o,	o	48.8	41.2	Total Sunshine - 51.5 hours.
3	985.5	49.0	50.0	47.3	SE	2	5	St - Cu	cl,	od, cl, o, cl	55.0	47.3	
4	981.6	49.0	45.3	44.8	ESE	1	10	Nim	or	od, cl, o	53.9	45.0	Max. temp. - 57.3°F on 29th November.
5	964.5	48.2	47.2	43.6	S	4	4	Cu	lc,	lc, cl, or, lc	52.0	37.7	Min. temp. - 34.9°F on 24th November.
6	983.3	48.2	47.0	44.8	SE	2	7	Cu	cl	lc, po, cl	53.0	41.5	
7	975.3	49.8	52.1	50.7	SE	3	10	Nim	or,	or, cl, or	53.1	46.1	Lowest Max. temp. - 44.3°F on 27th
8	974.3	50.4	49.6	48.1	S	3	10	Nim	or	od, cl,	56.0	48.0	Highest min. temp. - 48.0°F on 8th
9	995.2	49.2	42.9	41.9	SSW	1	-	-	lc	po, cl,	52.3	42.8	
10	998.8	49.7	45.8	45.2	S	1	10	St	o	cl, o, cl, o,	54.0	40.2	mean max. temp. - 52.0°F
11	998.3	51.4	49.0	48.7	S	1	10	Nim	od	cl, od	57.2	45.3	mean min. temp. - 41.5°F
12	1003.2	49.5	46.9	46.0	ESE	1	10	Nim	od	cl, f, o, or	50.0	38.8	
13	996.4	50.2	50.0	47.7	S	2	8	St	cl	o, od, cl	54.7	46.5	mean temp. for month - 46.7°F
14	983.4	48.9	44.8	43.8	SW	1	10	Nim	o, od	cl, or	53.8	43.9	
15	997.8	46.6	40.8	38.8	SW	1	2	Cu	lc	lc, po, cl, lc	51.7	40.0	min. grass temp. - 30.0°F on 24th
16	1001.3	46.2	41.0	38.7	W	1	10	St	cl	od, cl, lc	49.1	38.8	
17	1008.6	47.8	51.0	49.0	W	1	5	St	cl	o, m, o,	53.8	40.5	Highest Bar. M.S.L. - 1033.0 mb. on 20th
18	1000.4	48.2	44.0	43.2	WNW	1	10	Nim	od	cl, g, or	52.6	43.9	Lowest Bar. M.S.L. - 973.1 mb. on 5th.
19	1020.0	48.8	44.8	42.0	WNW	1	8	St - Cu	cl	cl	52.1	40.0	
20	1023.7	48.8	46.8	45.2	SW	1	10	St	o,	cl,	50.0	40.7	Highest Daily Rainfall 0.59 ins. on 30th.
21	1018.0	48.8	46.3	42.9	SW	2	9	St	cl	cl	50.0	42.5	
22	1009.0	46.4	40.8	40.0	SSW	1	7	St - Cu	cl	or, o	51.8	40.0	
23	1004.6	44.2	36.2	35.0	SSW	1	-	-	lc	o, m, cl, lc	45.8	36.9	
24	1013.4	44.0	36.2	55.2	SW	1	1	Cu	lc	lc, lc, po, lc	48.0	34.9	
25	982.1	47.5	53.2	52.4	SW	2	10	St - Nim	or, od,	or, o	53.8	35.0	
26	979.1	43.0	40.2	37.8	SW	2	6	Cu	lc,	cl, od, or,	54.7	38.9	
27	989.7	43.5	40.0	38.0	W	1	1	Cu	lc	lc, cl, o, cl,	44.3	39.0	
28	994.3	43.2	47.0	46.0	SSE	1	10	Nim	or	cl, or, or	47.1	36.9	
29	996.0	49.7	36.0	53.8	SW	1	10	St	o	cl, o, or	57.3	46.8	
30	998.5	48.4	54.2	53.5	SW	2	10	Nim	or	cl, o, or	56.0	41.9	
31											1560.8	1244.1	

1939.....

Corrected Barometer

Humidity

NOV.

Attached
Therm
A 200⁺Obs
H. L.Bar
ins

%

V. T.

Sun-
ShineVisibi-
-lity

1	81.2	1006.4	29.726	82	9.1	0.0	G	Overcast day. Str at 13½ hrs (G.M.T.). Dull, overcast, breezy night.
2	81.2	1005.4	29.689	86	10.0	0.0	G	Dull overcast day. Dull overcast night.
3	82.4	994.4	29.364	81	9.9	1.9	H	Cloudy day; lt periods; breezy. Str at 15 hrs (G.M.T.). Broken clouds 1-5 at obs.
4	82.4	990.4	29.246	96	9.9	1.3	G	Mostly cloudy day Rain since 19½ hrs (G.M.T.) Dull wet night at obs.
5	82.0	973.1	28.735	73	8.1	4.2	I	Bright f' noon; overcast aft'noon. Rain 14½ hrs (G.M.T.) Clear breezy night.
6	82.0	992.1	29.296	83	9.1	4.1	J	Passing str at 10 hrs 50 min (G.M.T.). Mostly clear, breezy day. Cloudy night.
7	82.9	983.9	29.054	90	11.9	0.0	G	Dull wet day; Wet, windy night.
8	83.2	982.8	29.022	89	10.7	3.3	G	Cloudy day; bright periods. Rain 20 hrs (G.M.T.). Breezy night Drizzle at obs.
9	82.5	1004.1	29.650	90	8.4	6.1	I	Shower 10 hrs (G.M.T.) Mostly clear day. Clear, mild night.
10	82.8	1007.6	29.754	95	10.0	5.9	I	Mostly bright day; cloudy late aft'noon. Mild, overcast night.
11	83.8	1006.9	29.733	98	11.6	1.8	G	Cloudy day; bright periods. Dull drizzling night.
12	82.7	1012.0	29.884	93	10.1	0.0	G	Overcast day. Rain since 17 hrs (G.M.T.). Dull drizzling night.
13	83.1	1005.2	29.683	83	10.3	0.0	H	Shower at 11 hrs 25 min (G.M.T.) Overcast day; cloudy night.
14	82.9	992.0	29.294	92	9.3	0.7	G	Mostly overcast day. Lt pds aft'noon. Rain 17 hrs (G.M.T.) Dull drizzling night.
15	81.1	1007.1	29.739	83	7.1	5.5	I	Shower at 13½ hrs (G.M.T.) Mostly lt day. Clear night.
16	80.9	1010.6	29.843	79	7.9	1.6	H	Mostly cloudy day; lt periods aft'noon. Overcast night.
17	81.8	1017.7	30.052	86	10.9	0.0	H	Mostly overcast day. Cloudy night.
18	82.0	1009.5	29.801	93	8.4	0.0	G	Cloudy day; Rain since 16 hrs 50 min (G.M.T.) Dull drizzling night.
19	81.3	1029.3	30.395	78	7.8	2.2	I	Cloudy day. Lt periods Mild cloudy night.
20	81.3	1033.0	30.504	88	9.5	0.8	I	Mostly cloudy day; Lt pds. aft'noon. Mild overcast night.
21	81.3	1027.3	30.336	74	7.9	1.6	I	Cloudy day. Lt pds. aft'noon. Cloudy night.
22	81.0	1018.4	30.073	93	8.1	0.0	I	Rain to 13 hrs (G.M.T.) Overcast day. Cloudy night. Lunar Halo at obs.
23	79.8	1014.1	29.946	88	6.4	0.5	I	Mostly overcast day. Bdy aft'noon. Clear, mild night
24	79.7	1023.0	30.209	90	6.5	6.0	J	Fine, lt day. Passing shower at 15 hrs (G.M.T.). Clear night.
25	81.6	990.9	29.261	95	13.1	0.0	H	Mostly dull drizzling day. Dull, drizzling, breezy night.
26	79.1	988.5	29.190	78	6.6	1.1	J	Dull wet day with intermittent lt pds. Clear night.
27	79.4	999.2	29.506	82	6.9	2.9	I	Cloudy day; Lt periods: Occasional showers. Fine clear night.
28	79.2	1003.7	29.639	92	10.1	0.0	H	Mostly overcast day: Rain since 14½ hrs (G.M.T.) Dull wet night.
29	82.8	1004.6	29.665	86	13.2	0.0	G	Mostly overcast day. Rain since 17 hrs (G.M.T.) Overcast night.
30	82.1	1007.5	29.751	95	13.6	0.0	G	Overcast day. Rain since 14 hrs (G.M.T.) Wet breezy night.
31								

1932	MORN,		9 hrs		Anemometer.		Clouds.		Weather.		8ins Auto			
DECEMBER	Bar. m.b.	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Rain	Guages	m.m	
1	996.0	51.8	55.4	54.4	SSW	1	10	Nim	od,	or, or,	.09	.10	0.10	2.4
2	1001.4	48.8	40.8	39.6	SW	1	8	Nim	or	od, or	.07	.07	0.186	1.7
3	990.7	43.8	43.0	41.0	S	3	9	Str	cl	b, bc, cl	.40	.40	0.586	10.2
4	973.7	40.0	35.8	34.6	S	1	7	Cu	cl	bc, cl, or	.32	.32	0.898	8.0
5	983.7	41.2	40.2	39.8	NW	1	9	Cu str	cl.	bc, cl, or, d	—	—	—	—
6	1006.5	38.5	32.6	32.0	NW	1	6	alt. Cu	cl, m,	b, bc, m	.02	.02	0.90	0.5
7	999.7	40.8	43.0	41.4	SSE	3	9	Nim	od,	bc, or	.07	.07	0.987	1.8
8	995.2	43.5	42.0	41.8	SE	1	10	Str	o, f.	cl, o, f	.10	.10	1.087	2.4
9	992.3	43.0	47.2	46.4	SE	4	10	Nim	or	b, cl, o	.31	.31	1.398	7.8
10	985.5	46.0	47.9	45.7	SW	1	8	St-Cu	cl,	bc, cl, or	.14	.14	1.532	3.5
11	1009.9	45.4	44.4	43.8	NW	1	8	St-Cu	cl,	o, or	—	—	—	—
12	1015.1	45.4	44.0	42.0	ESE	1	10	Nim	o, od,	o	—	—	—	—
13	1013.0	41.0	37.7	35.5	SE	1	10	Str	o,	cl	.55	.55	2.087	14.0
14	1001.6	42.0	38.0	37.7	NNE	0	10	Nim	o, m, od,	od, or, o	.10	.11	2.197	2.6
15	1001.8	41.4	37.8	37.6	N	0	10	Nim	o, f, od,	o, m, or	.10	.11	2.3027	2.7
16	1014.8	41.4	38.8	36.8	E	1	10	Str	o, m,	od, o	—	—	—	—
17	1020.1	40.5	38.8	36.8	ESE	1	10	Str	C,	o, cl.	—	—	—	—
18	1017.1	40.4	37.8	34.8	E	1	10	Str	C,	C, o, c.	—	—	—	—
19	1012.6	39.2	34.8	34.0	ENE	1	3	St	bc, m.	o, cl,	—	—	—	—
20	1017.0	39.2	40.0	39.8	NE	1	10	Str	o.	cl, f	—	—	—	—
21	1017.0	40.0	37.2	36.6	ENE	1	8	St-Cu	cl, m	o, cl	—	—	—	—
22	1016.0	39.2	37.0	55.7	SE	1	8	Str	cl, m,	bc, m, cl, m	—	—	—	—
23	1014.7	37.4	31.1	30.1	SE	1	1	Cu	bc, m,	cl, b	—	—	—	—
24	1013.9	39.2	38.2	37.8	S	1	7	Str	cl, m	cl	—	—	—	—
25	1011.0	38.8	37.0	36.8	S	1	9	Str	cl, m	cl, f	.02	.02	2.3229	0.4
26	1008.3	39.6	45.8	45.0	W	1	8	St-Cu	cl,	cl, m, cl	.04	.04	2.363	1.0
27	1015.4	38.4	31.5	30.7	NNW	0	4	alt. Cu	bc, m.	cl	.01	.01	2.384	0.3
28	1010.5	38.8	36.1	35.7	N	1	9	Str	cl,	cl, or, cl	—	—	—	—
29	1011.6	34.5	21.9	21.1	N	0	3	St	bc, m	bc, m	—	—	—	—
30	1003.1	35.2	33.8	32.8	N	1	6	alt. Cu	cl, m.	bc, cl, m	.01	.01	2.385	0.3
31	1004.0	36.4	34.8	34.6	N	1	10	Str	o, f	o, od, o	—	—	—	—

1932.....	Corrected Barometer			Humidity			In ground		Visibility				
DEC.	attached therm A 800+	Bar., m.b.	Bar., ins.	%	V.T.	Temp. on grass	1 ft.	4 ft.					
1	84.0	1004.5	29.662	94	14.0	53.0	46.9	47.5	H				Dull overcast morn: Slight drizzle at obsn.
2	81.3	1010.7	29.846	89	7.8	37.9	47.4	47.8	J				Rain early: Raining at obsn.
3	79.5	1000.7	29.550	83	7.8	35.3	45.2	47.9	J				cloudy morn: Breezy
4	77.4	983.4	29.039	88	6.2	32.0	43.9	47.9	J				Rain early, cloudy morn.
5	78.1	993.3	29.332	96	8.1	27.2	42.5	47.8	I				ground frost; then rain early. Mild cloudy morn.
6	76.6	1016.8	30.026	94	5.9	26.0	41.0	47.5	I				Fine, frosty morn: Misty.
7	77.9	1009.6	29.813	87	8.1	29.2	40.0	47.0	I				ground frost, then rain, early. Slight drizzle at obsn. Breezy.
8	79.3	1004.8	29.671	98	8.9	41.9	42.0	46.9	C				Dull overcast mild foggy morn.
9	79.1	1001.7	29.580	94	10.3	34.0	42.3	46.5	H.				Dull wet morn.
10	80.6	994.5	29.367	83	9.9	43.3	44.0	46.4	I				cloudy morn.
11	80.4	1019.3	30.099	95	9.5	39.8	44.4	46.3	I				Mild cloudy morn.
12	80.4	1024.5	30.253	84	8.2	42.6	44.3	46.4	I				Dull overcast morn: Slight drizzle at obsn.
13	78.0	1022.9	30.206	79	6.1	31.9	43.1	46.6	I				ground frost early. Dull, mild, overcast morn.
14	78.6	1011.2	29.860	97	7.6	37.0	42.8	46.5	H				calm, misty, overcast, morn. Slight drizzle at obsn.
15	78.2	1011.7	29.875	98	7.6	33.2	42.3	46.3	F				Dull foggy morn. Slight drizzle at obsn.
16	78.2	1024.7	30.259	79	6.4	37.0	42.1	46.1	G				Mild, dull, overcast, misty morn.
17	77.7	1030.3	30.424	81	6.2	31.0	41.2	46.0	I				ground frost early Mild cloudy morn.
18	77.6	1027.1	30.330	72	5.5	34.0	41.1	45.9	I				Cool, cloudy, morn.
19	77.0	1022.7	30.200	92	6.3	31.8	40.8	45.8	H				ground frost early. Cool, misty, morn. clearing at obsn.
20	77.0	1027.2	30.333	98	8.2	28.9	40.0	45.6	H				" " " Dull mild overcast morn.
21	77.4	1027.2	30.333	94	7.1	35.2	40.8	45.3	H				Dull, misty, morn.
22	77.0	1026.1	30.300	87	6.5	28.0	40.0	45.1	I				ground frost early. Mild cloudy morn. Slight mist.
23	76.0	1025.2	30.273	89	5.2	27.0	39.6	45.0	I				" " " Fine frosty morn. Slight mist.
24	77.0	1023.9	30.236	96	7.5	35.0	39.1	44.9	H				Mild cloudy morn. slight mist.
25	76.8	1021.1	30.152	98	7.3	34.9	39.8	44.8	H				Mild misty morn. Cloudy.
26	77.2	1018.2	30.067	94	9.8	33.0	40.0	44.4	I				Rain early. Cloudy morn.
27	76.5	1025.7	30.288	91	5.4	26.8	39.8	44.4	J				Fine bright frosty morn. Slight mist.
28	76.8	1020.6	30.138	96	6.8	34.1	39.1	44.2	I				Rain early. Mild cloudy morn.
29	74.4	1022.5	30.194	83	3.5	17.8	38.0	44.1	F				Heavy frost. Cool, calm, misty, morn.
30	74.8	1013.6	29.636	90	5.8	24.4	37.0	44.0	H				ground frost. Cool, cloudy, misty, morn.
31	75.4	1014.3	29.952	98	6.7	33.0	36.8	43.8	E				Dull, overcast, foggy morn.

1932

EVEN. 21hrs

Anemometer.

Clouds.

Weather.

Temperature

DECEMBER.

Bar.
m. b.Att.
Ther.
°F

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max,

Min,

December, 1939.

1	985.0	50.4	51.0	49.6	SSW	1	10	Nim	cd	cd, or	56.7	50.9	Total Rainfall - 2.38 inches
2	1005.4	46.2	40.0	38.7	SW	1	—	—	l	or, cl, l	51.8	39.0	Total Sunshine - 30.0 hours.
3	983.3	42.8	35.4	34.0	SSW	1	2	St	lc	cl, or, cl	45.0	35.0	
4	974.5	41.2	35.8	34.8	NW	1	6	St	cl	cl, or, or, cl	43.2	33.0	Max. temp. - 56.7°F on 1st December
5	998.2	43.0	36.0	35.4	NW	1	0	—	l	cl, l	46.0	32.0	Min. temp. - 21.0°F on 29th December
6	1007.0	41.0	34.0	33.6	SSW	1	2	St	l	cl, or, l	43.0	30.0	
7	996.8	44.6	46.8	45.9	S	1	6	St	cl	or, or, cl	49.6	32.0	Lowest Max. temp. - 31.2°F on 29th Dec
8	999.0	43.8	42.6	41.8	SW	1	1	St	l	or, or, o	47.0	41.7	Highest Min. temp. - 50.9°F on 1st Dec.
9	984.9	46.4	48.2	45.2	S	1	3	St	lc	or, or, cl	49.9	34.7	
10	997.7	46.2	47.2	45.9	NW	2	10	St	o	cl, or	48.7	45.0	Mean Max. temp. - 43.7°F
11	1014.6	46.2	46.4	43.8	E	1	10	St	o	cl, o	48.8	44.0	Mean Min. temp. - 34.1°F
12	1016.0	42.8	38.0	36.4	E	1	10	St	cl	or, o, cl	47.0	35.0	
13	999.8	42.0	41.2	40.4	S	1	10	Nim	or	o, cl, o	41.8	34.9	Mean temp. for month - 38.9°F
14	1004.3	42.2	36.0	35.6	N	0	10	St	o, m.	or, or, cl, o	42.8	35.6	
15	1005.8	41.7	40.1	39.6	SE	1	10	Nim	or	o, or, or, o	41.2	35.7	Min. grass temp. - 17.8°F on 29th Dec
16	1019.5	40.7	32.0	31.0	ESE	1	10	St	o	o, or, o, cl	41.2	31.3	
17	1019.8	40.7	38.2	35.8	ESE	1	10	St	c	c, o	40.3	31.9	Highest Bar. M.S.L. - 1030.3 mb. on 17th
18	1015.0	39.6	34.8	33.6	ENE	1	10	St	o	c, o, c	39.0	34.7	Lowest Bar. M.S.L. - 983.4 mb. on 4th
19	1013.9	39.6	30.2	29.8	NE	1	9	St	cl, f	lc, or, cl, cl	45.1	30.0	
20	1017.9	40.4	41.0	39.4	ENE	1	10	St	o	o	42.3	29.0	Highest Daily Rainfall 0.55 ins. on 13th
21	1016.3	40.0	32.0	31.8	ENE	1	3	cu	lc, m	cl, lc, cl	44.0	32.0	
22	1015.7	39.6	38.2	36.8	SE	1	9	St	cl	cl, or, cl, cl	40.0	32.0	
23	1013.8	39.2	36.8	35.5	S	1	9	St-Cu	cl	lc, cl	41.0	30.0	
24	1012.8	39.2	37.0	36.8	S	1	10	St	cl, f	cl, or, cl, cl	42.1	32.0	
25	1009.1	39.2	39.0	38.7	SW	1	8	St-Cu	cl	cl, or, cl	41.9	35.1	
26	1014.2	40.5	36.2	35.8	NNW	1	8	cu	cl	cl, or, cl	47.1	36.0	
27	1013.4	38.8	35.6	34.8	SW	1	9	cu	cl	lc, or, cl	38.3	31.0	
28	1012.1	38.5	28.0	26.8	N	0	1	St	lc, m	cl, lc	40.1	27.8	
29	1006.4	34.8	30.9	29.2	N	1	4	St	lc	lc, or, cl	31.2	21.0	
30	1003.2	36.0	34.6	34.0	N	1	10	Nim	or, or	cl, or, or, or	36.0	27.0	
31	1005.3	37.0	36.9	36.3	N	1	3	St	lc	o, or, cl	41.3	34.0	
											1353.4	1056.3	

1932.....

Corrected Barometer

Humidity

DEC.	Attached Therm A 200+	Bar., m.b.	Bar., ms	%	V.T.	Sunshine	Visibil- ity	
1	83.4	993.7	29.344	90	11.5	0.0	G	Dull drizzling day. Slight drizzle at dawn.
2	80.9	1014.8	29.967	88	7.4	2.9	I	Showy to 13 $\frac{1}{2}$ hrs (G.M.T.) Cloudy aftn. bright periods. Clear night.
3	79.0	992.7	29.314	86	6.3	0.5	I	Heavy rain 10 hrs (G.M.T.) Cloudy day. Clear night
4	78.1	984.0	29.057	90	6.4	0.4	I	Snow 10.54 to 11.15 hrs (G.M.T.) Cloudy day. Cloudy night.
5	78.8	1007.8	29.760	94	6.7	4.8	I	Mostly mild bt day. Mild clear night. Ground frost.
6	78.0	1016.9	30.029	96	6.4	4.1	I	Fine, mild, day. Bt periods. Clear mild night. Aurora in N and N.W. sky at dawn.
7	80.0	1006.1	29.709	93	10.1	0.0	H	Rain 11 $\frac{1}{2}$ hrs (G.M.T.) Cloudy day. Mild cloudy night.
8	79.5	1008.5	29.780	93	8.6	0.0	H	Foggy f'noon. Showers at 11.45 hrs (G.M.T.) Overcast day. Clear mild night.
9	81.0	993.8	29.347	77	8.9	0.0	H	Dull f'noon. Cloudy day. Clear, breezy night.
10	80.9	1006.8	29.730	89	9.9	0.0	G	Dull, wet, breezy day. Overcast night.
11	80.9	1023.8	30.233	80	8.6	2.0	H	Cloudy f'noon. Bt pds, then overcast afternoon. Dull overcast night.
12	79.0	1025.9	30.294	85	6.6	0.5	H	Mostly cloudy day. Dull cloudy night.
13	78.6	1009.2	29.798	93	8.2	0.0	G	Mostly overcast day. Rain since 19 $\frac{1}{2}$ hrs (G.M.T.) Rain at dawn.
14	78.7	1014.9	29.970	96	6.9	0.0	C	Mostly cloudy day. Dull, overcast misty, night.
15	78.4	1015.7	29.993	95	8.0	0.0	G	Dull showy day. Slight drizzle at dawn.
16	77.8	1029.7	30.407	89	5.4	0.0	H	Cloudy day. Mild overcast night. Slight frost. Frost on ground.
17	77.8	1029.0	30.386	97	6.0	0.0	I	Mild cloudy day. Calm, cloudy, night.
18	77.2	1025.2	30.273	87	5.9	0.0	H	" " " Overcast night.
19	77.2	1024.2	30.244	94	5.4	1.4	C	Cloudy day. Bt periods. Calm, foggy, frosty night.
20	77.6	1027.9	30.354	95	8.2	0.0	G	Generally, mild, overcast day. Overcast night.
21	77.4	1026.7	30.318	98	6.0	3.2	G	Cloudy day. Bt periods. Fine, frosty night. Misty.
22	77.2	1025.8	30.291	87	6.8	2.7	H	Fine cloudy day. Bright periods. Mild, cloudy, night.
23	77.0	1023.9	30.236	87	6.5	4.1	H	Cloudy day. Bright periods. Fine, cloudy, night.
24	77.0	1022.9	30.206	98	7.3	0.0	C	Cloudy day. foggy periods. Mild foggy night.
25	77.0	1019.2	30.096	97	7.9	0.0	H	Fine mild cloudy day. Fine cloudy night.
26	77.7	1024.1	30.241	96	6.9	0.0	I	Cloudy day. Rain 13 hrs (G.M.T.) Fine cloudy night.
27	76.8	1023.5	30.224	92	6.4	0.4	H	Cloudy day. Bright periods. Mild, cloudy, night.
28	76.6	1022.4	30.191	83	4.3	2.8	G	" " " Mild, clear, frosty night. Slight mist.
29	74.6	1016.9	30.029	82	4.7	0.0	H	Cool, cloudy, frosty day. Mild frosty night.
30	75.2	1013.5	29.633	94	6.3	0.0	F	Cloudy day. Dull, overcast drizzling night.
31	75.8	1015.5	29.987	96	7.1	0.2	H	Mostly overcast day. foggy periods. Clear, mild night at dawn.

30.0

14					
15	Total Rainfall	for	1939	=	31.77 inches
16	Highest	Max.	"	"	= 82.8° on June 6 th
17	Lowest	"	"	"	= 27.2 on Jan. 5 th
18	"	Min.	"	"	= 12.4 on Jan. 6 th
19	"	frost	"	"	= 6.8 on Dec. 29 th
20	Highest	Barometer	"	"	= 30.681 in on Mar 12 th
21	Lowest	"	"	"	= 28.588 " on Jan. 16 th
22	Sunniest Month	=	June with 233.0 hours.		