

194....

Corrected Barometer

Humidity

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1947

1941.

Mon.

9 hrs.

Anemometer.

Clouds.

Weather.

Rain

January	Bar. (in)	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Auto (in)	8" (in)	Total (in)	Rain (mm)	Vis.
1	998.8		38.7	37.2	SSW	4	10	Sc	o, c, o	o	.07	.07	.07	1.8	K
2	1005.8		36.0	33.8	S	2	0	-	h	h	.17	.17	.24	4.3	K
3	989.7		51.8	60.8	S	7	10	Ns	or, od	od	.18	.18	.42	4.6	J
4	1005.0		38.0	34.6	S	2	10	Sc	o	o	.02	.02	.44	1.3 0.5	J
5	991.2		42.0	39.3	SE	6	10	Sc	o	o	.04	.04	.56	2.3 1.0	J
6	989.6		41.5	39.6	SE	2	8	Sc	e	c	.10	.10	.79	5.8 2.5	K
7	990.3		38.8	38.0	S	2	4	Ac Co	o, c	h	.23	.23	1.02	6.8	K
8	982.8		43.5	42.4	ESE	8	10	Ns	or, r	o, or, r	.16	.16	1.18	4.1	I
9	984.4		38.6	37.5	SW	6	7	Ci Sc	c	ch	.16	.16	1.18	4.1	K
10	995.8		44.2	42.8	S	4	9+	Sc	c	o	.07	.07	1.34	1.8 1.1	H
11	997.7		46.3	45.3	S	6	10	Ns	od	od	.07	.07	1.41	1.8	H
12	985.8		36.3	34.8	S	4	4	Ci Ci	c	h	.19	.19	1.82	10.4 1.2	K
13	978.6		33.5	33.1	SW	2	6	Sc	c	o, c	.03	.03	1.85	0.4	H
14	980.8		45.0	44.3	S	4	10	Ns	od	od	.04	.04	1.89	1.0	H
15	986.7		50.0	47.3	SSW	4	10	Fs	o	o	.15	.15	1.99	0.4	K
16	996.3		43.6	42.0	SSW	3	10	Ac Fs	o	o	.15	.15	2.14	0.4	K
17	1006.4		39.3	36.8	WSW	3	2	Sc	h	h, c, h	-	-	2.14	0.0	K
18	1018.0		42.0	40.8	SW	4	4	Ac Co	c	c	-	-	2.14	0.0	K
19	1017.0		30.2	29.4	S	2	4	Ci	h	o, c	-	-	2.14	0.0	K
20	1011.6		39.2	37.7	ESE	4	3	Ci	h	h	-	-	2.14	0.0	K
21	1011.8		41.2	40.0	SE	3	10	Sc Fs	o	o	-	-	2.14	0.0	K
22	1014.5		38.0	35.8	E	2	8	Sc	c	o, c	-	-	2.14	0.0	K
23	1022.6		35.0	31.8	E	2	10	Sc	o	o	-	-	2.14	0.0	K
24	1028.8		32.5	29.8	ENE	2	4	Fs Sc	h	c	-	-	2.14	0.0	K
25	1020.4		30.0	29.0	NNE	1	4	Ac Ci	h	h	-	-	2.14	0.0	K
26	1013.5		35.3	33.3	ENE	2	10	Sc	c	c	-	-	2.14	0.0	K
27	1016.4		35.8	33.8	ENE	1	4	Ac	h	c, h	.02	.05	2.19	1.3 0.5	K
28	1013.5		32.0	31.6	NE	1	10	Sc Cu	o	o	.01	.01	2.21	0.5 0.5	I
29	1008.2		31.3	30.3	NE	1	10	Cu Sc	o	o	-	-	2.21	-	H
30	1002.0		28.0	27.5	E	4	8	Sc	c	o, c	-	-	2.21	-	H
31	1000.6		31.0	30.6	SE	2	8	Sc	c	o, c	-	-	2.21	-	H

148

221

1941...

Corrected Barometer

Humidity

IN
GROUND

	Bai (in)	Bar. (in)	ATT. TH. °A.	V.P.	%	GRASS MIN.	1 FT.	4 FT.	CLOUD DIRECT	STATE OF GROUND	Remarks: —
1	1009.0	29.495	45.8	6.9	86	30.2	-	42.7	S	1	Overcast breezy morning, dull.
2	1016.1	29.005	46.3	6.0	88	30.2	-	42.7	-	1	Cloudless bright calm morning.
3	998.9	29.494	80.2	12.2	93	40.7	-	42.5	S	1	Overcast with rain to overcast with d. windy morning.
4	1014.9	29.970	48.0	7.9	96	34.0	-	42.4	S?	1	Overcast dull calm morning.
5	1001.0	29.559	48.3	6.9	44	40.4	-	42.5	S	0	Overcast dull windy morning.
6	999.4	29.512	44.8	8.2	92	36.8	-	42.7	SSE	1	Cloudy bright calm morning.
7	1000.2	29.536	44.0	7.4	92	32.0	-	42.7	S	1	Cloudy to partly cloudy bright calm morning.
8	992.4	29.346	44.8	8.7	91	29.5	-	42.8	ESE	3	Overcast windy morning with out. heavy rain from 7.40 am.
9	994.6	29.452	46.7	7.1	90	32.0	-	42.7	SW	5	Cloudy bright morning, breezy.
10	1005.8	29.401	44.5	8.4	88	29.2	-	42.7	S	4	Cloudy dull breezy morning.
11	984.1	29.149	48.0	9.8	92	34.8	-	42.8	S	4	Overcast dull windy drizzly morning.
12	995.4	29.403	45.8	6.6	95	26.8	39.8	42.6	SSW	1	Partly cloudy to cloudy breezy morning.
13	988.7	29.196	45.0	6.2	96	28.4	38.4	42.6	SW	1	Cloudy dull calm morning.
14	990.3	29.244	44.6	9.6	94	29.0	38.2	42.6	SSW	1	Overcast dull drizzly morning, breezy.
15	995.5	29.394	81.6	9.9	80	44.4	41.3	42.5	WSW	0	Overcast breezy dull morning.
16	1005.9	29.404	49.4	8.3	84	40.2	41.8	42.5	S	0	Partly cloudy bright breezy morning.
17	1016.3	30.011	46.8	6.8	86	32.6	41.0	42.8	W	1	Cloudy bright breezy morning.
18	1028.0	30.354	48.0	8.1	90	35.8	40.0	42.8	W?	0	Overcast breezy dull morning.
19	1027.9	30.348	45.0	5.0	90	19.8	39.0	43.0	S	3	Cloudy to partly cloudy bright calm morning, freezing.
20	1021.8	30.173	46.5	4.0	86	30.6	38.3	42.8	SE	0	Bright breezy morning, cold.
21	1021.9	30.176	46.8	4.5	88	32.2	38.0	42.6	SE	0	Overcast dull breezy morning.
22	1024.6	30.256	46.8	6.1	49	29.0	38.6	42.5	E	0	Cloudy dull calm morning.
23	1033.1	30.504	45.5	4.8	68	29.0	34.8	42.3	E	0	Overcast dull calm morning, cold.
24	1039.6	30.699	45.0	4.4	41	24.0	34.4	42.2	E	0	P. cloudy bright morning, warmer than previous days.
25	1031.5	30.460	43.0	4.9	88	19.6	36.4	42.0	NNE	3	Partly cloudy bright calm morning, freezing.
26	1024.0	30.239	45.2	5.5	80	32.0	36.0	42.0	NNE	0	Overcast cold morning with sl. fall of snow 9h.
27	1024.0	30.324	45.0	5.4	80	29.6	36.0	41.4	NE	0	Partly cloudy bright warm morning, calm.
28	1024.3	30.248	44.3	5.9	96	22.8	36.0	41.5	NE	0	Overcast dull calm morning.
29	1019.0	30.091	43.8	5.2	89	23.4	35.8	41.3	NE	4	Overcast calm morning with snow lying.
30	1012.0	29.914	42.0	4.8	92	16.8	35.3	41.2	ESE	3	Cloudy cold breezy morning.
31	1011.5	29.840	42.5	5.6	95	21.0	35.0	41.0	SE	3	Cloudy dull calm morning.

1947.

Evening

21 hrs.

Anemometer.

Clouds.

Weather.

TEMPERATURE

January

Bar.

Att.
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

MAX.

MIN.

January, 1947

1	992.3	41.7	40.1	WSW	2	7	Cu	c	o, or, o	48.0	33.6	Total Rainfall 2.21 inches
2	998.5	43.5	41.0	S	8	10	As	o	b, o	43.9	33.0	Total Sunshine 40.9 hours.
3	999.0	42.5	40.8	SSW	2	9	Sc	c	o, or, o	51.8	41.8	
4	998.3	42.5	41.8	SE	3	8	Sc	c	or, od	43.7	37.7	max. temp. 53.9° F on 15th
5	982.0	41.0	39.0	SE	7	10	Ns	or	o, or	43.5	39.8	min. temp. 21.7° F on 30th
6	991.0	37.4	37.0	ESE	2	7	Cu-Sc	c	o, or, o, c	45.3	35.8	
7	993.9	36.0	34.1	SSW	2	1	Cs	bc	c	41.8	34.6	Lowest max. temp. 30.2° F on 30th
8	979.4	42.2	40.4	SW	4	10	SrAs	o	or, o, c	48.8	34.2	Highest min. temp. 47.0° F on 15th
9	998.0	37.5	36.2	SW	2	2	Cs	bc	bc	44.3	36.9	
10	984.3	47.0	46.2	S	3	10	Sc	o	o, or, o	47.8	35.2	Average max. temp. 43.1° F
11	981.3	37.0	35.7	SW	2	0	-	bc	or, c, bc	49.2	37.3	Average min. temp. 33.6° F
12	946.9	35.7	35.3	WNW	3	8	Sc	c	c, or, c	39.7	33.2	
13	989.1	33.0	32.2	SW	2	0	"	bc	bc, c, c	40.6	31.3	mean temp. for month 38.4° F
14	982.0	32.1	30.0	SW	4	10	Fs	o, d, o	or	53.2	32.0	
15	993.4	45.6	42.1	SW	5	7	Sc	c	a, c	53.9	47.0	min. grass temp. 16.8° F on 30th
16	997.0	40.8	40.0	SW	2	4	Sc	bc	o, or, c	46.2	40.2	
17	1012.6	40.0	38.3	SW	2	4	Sc	bc	bc,	44.0	36.8	Highest Bar. at M.S.L. 1026.7 mb. on 24th
18	1020.9	37.0	35.5	SW	2	0	"	bc	c	44.3	36.4	Lowest Bar. at M.S.L. 976.9 mb. on 12th
19	1013.8	42.0	40.6	SE	2	2	Sc	bc	bc	45.6	23.2	
20	1011.4	37.2	35.4	SSE	4	0	"	bc	bc	45.0	35.0	Greatest Daily Rainfall 0.41 ins. on 12th
21	1013.2	41.8	40.0	SSE	2	5	Sc	c	o, c	43.6	36.2	Greatest Daily Sunshine 6.2 hrs. on 24th
22	1017.0	36.2	33.0	SE	3	0	"	bc	c	42.7	34.6	
23	1026.6	34.5	32.6	E	2	4	Sc	c	o, c	37.2	33.2	
24	1026.7	27.0	25.6	NE	1	0	"	bc	bc	38.6	26.7	Snow or Sleet
25	1015.8	36.8	35.3	NE	1	10	Sc	o	bc, c	39.8	26.2	Snow lying
26	1015.1	33.6	33.3	ENE	2	10	Sc	o	c, bc	38.2	32.0	Hail
27	1015.6	33.3	33.0	NE	1	10	Sc	o	bc, c, o	28.2	22.8	Thunder heard
28	1010.0	32.0	31.2	NE	2	10	Sc	o	o, c, o	37.7	29.8	Fog
29	1006.8	27.7	27.5	ESE	1	4	As	bc	o	23.2	27.2	Ground Frost
30	1000.0	29.4	29.1	ESE	2	10	Sc	o	bc, c	30.2	21.7	Gale (force 8 or more)
31	997.8	29.2	28.8	SE	2	7	Sc	c	c, bc	35.7	21.7	Air frost

1334.5 1041.1

Weather Summary

9h

24h

Snow or Sleet

Snow lying

Hail

Thunder heard

Fog

Ground Frost

Gale (force 8 or more)

Air frost

194.1.

Corrected Barometer

Humidity

	Bar (mb)	Bar (ins)	Alt. Th. %A.	V.P.	%	Sum- 8 hrs.	Vis.	CLOUD DIRECT	STATE OF GROUND	Remarks: —
1	1002.1	29.592	78.0	7.7	86	0.0	J	W	1	Mostly dull overcast day - windy rainy day, cloudy dull night.
2	1008.5	29.781	77.3	6.8	70	4.3	K	S	0	Bright sunny to overcast dull breezy day; overcast windy at night.
3	1008.6	29.784	77.2	7.8	86	0.0	J	S	2	Overcast day with rain from 11 ^h 45 ^m - 2 ^h 30 ^m ; windy; cloudy calm night.
4	1008.2	29.772	78.0	8.6	94	0.0	J	S	1	Overcast mild dull day with intermittent rain & drizzle, cloudy calm night.
5	991.6	29.282	77.4	8.0	91	0.0	J	SE	1	Mostly overcast windy day with rain at 2 ^h 45 ^m ; dr. rainy night.
6	1000.9	29.556	77.0	7.3	96	0.4	K	E	0	Mostly cloudy day with intermittent slight showers; cloudy calm night.
7	1003.9	29.645	76.2	6.3	91	0.2	K	S	3	Mostly dull cloudy day with very short periods of sunshine; cloudy calm night.
8	989.0	29.205	78.3	7.7	84	0.0	J	SSW?	1	Overcast with continuous heavy rain to 5 ^h 45 ^m ; windy, breezy night.
9	1008.0	29.766	76.8	6.6	88	1.9	K	SW	0	Mostly bright sunny day, breezy; cloudy calm night.
10	996.5	29.427	77.5	10.3	94	0.0	J	S	1	Cloudy dull to windy rainy day; overcast breezy night.
11	991.1	29.267	77.2	6.5	88	0.9	J	S	1	Overcast rainy windy - cloudy day - cloudless calm night.
12	986.8	29.140	76.3	6.7	96	0.0	J	WNW	1	Calm to overcast day with rain; calm cloudy night.
13	998.5	29.486	75.0	5.8	92	2.3	J	-	1	Mostly bright sunny day becoming calm cloudless night.
14	990.9	29.291	80.9	11.4	86	0.0	J	SW	1	Overcast windy day, rain 12 ^h 30 ^m - 1 ^h 15 ^m ; stormy warm night.
15	1002.6	29.606	80.2	8.3	80	0.0	K	SW	0	Overcast windy clearing slightly around 17 hrs.
16	1006.6	29.724	79.0	8.0	93	0.0	J	SW	1	Overcast to overcast with rain from 13 ^h - 19 ^h 20 ^m ; aurora seen at 20 ^h 30 ^m .
17	1022.6	30.197	77.7	7.5	89	6.0	J	W	0	Bright day with long periods of sunshine; p. cloudy night.
18	1030.2	30.422	77.2	6.4	85	0.0	K	-	0	Cloudy bright calm day to cloudless calm night.
19	1023.9	30.236	77.2	8.0	88	4.5	K	SE?	0	Bright sunny day to partly cloudy calm night.
20	1021.6	30.167	76.7	6.2	82	4.9	J	-	0	Bright sunny day to clear breezy night.
21	1023.2	30.215	77.8	7.3	84	0.2	J	SE	0	Mostly cloudy day, dull and calm; cloudy calm night.
22	1027.4	30.339	76.0	7.9	68	0.0	J	-	0	Mostly dull cold day; cloudless breezy night.
23	1037.0	30.622	76.0	5.4	80	1.3	K	E	0	Overcast - cloudy day with short period of sunshine, cold at night.
24	1037.6	30.640	74.3	3.8	80	6.2	K	-	2	Bright sunny day to cloudless night; freezing.
25	1026.4	30.309	75.2	6.3	85	0.5	J	NE	0	P. cloudy to cloudy cold day becoming sl. warmer, calm at night.
26	1026.7	30.299	75.2	6.1	97	3.3	J	E?	0	Cloudy morning with sl. falls of snow to bright day; p. cloudy night.
27	1026.3	30.306	75.2	6.2	97	0.8	J	NE	1	Partly cloudy to cloudy day with intermittent falls of snow.
28	1020.7	30.161	74.7	5.6	91	0.3	I	NE	1	Overcast becoming bright to cloudy with int. falls of snow.
29	1017.8	30.055	73.0	4.9	96	0.0	J	E	3	Mostly overcast day with int. falls of snow, cold.
30	1010.9	29.852	72.7	5.2	95	1.9	J	E	3	Cloudy becoming bright with a short period of sunshine.
31	1008.6	29.784	73.0	5.2	94	1.5	J	SE	3	Mostly cloudy to p. cloudy day with short periods of sunshine.

266.6

40.9

1947.	Corrected Barometer			Humidity			IN GROUND		CLOUD DIRECT	STATE OF GROUND	Remarks
	Ban. (mb.)	Ban. (mm.)	ATT. TH. °A	V.P.	°	GRASS Min.	1 FT.	4 FT.			
1	1004.0	29.648	43.8	5.4	45	28.8	34.8	40.8	SE	0	Overcast dull breezy morning.
2	992.4	29.306	44.0	6.1	96	30.4	34.7	40.7	E	8	Stormy night, wind reaching gale force, heavy morning, snow falling 1 1/2"
3	987.5	29.161	45.0	6.2	86	34.3	34.7	40.6	E	0	Overcast with drizzle to overcast dull breezy morning
4	999.8	29.524	44.8	5.3	48	33.4	34.8	40.3	NE	0	Cloudy breezy morning, cold.
5	1012.2	29.890	44.3	5.8	93	25.5	35.0	40.2	NNE	4	Overcast with snow lying and falling.
6	1014.6	29.961	43.8	5.3	92	26.4	34.8	40.2	E	4	Overcast morning with snow lying 1 3/4"
7	1009.0	29.495	43.3	5.4	94	28.0	34.8	40.0	NE	8	Overcast dull morning with snow, st. snow lying.
8	1002.6	29.607	42.7	5.5	96	28.0	34.7	40.0	E	8	Overcast dull breezy cold morning.
9	1002.5	29.604	43.4	5.7	84	26.0	34.6	39.8	NE	0	Overcast dull breezy morning
10	1004.8	29.671	43.7	7.0	95	29.7	34.7	39.8	E	7	Overcast morning, breezy with snow during st. lying 2 1/4"
11	1013.4	29.926	44.5	5.5	48	32.2	35.0	39.8	ENE	0	Overcast breezy morning, st. warmer.
12	1016.2	30.008	43.8	6.0	98	30.8	35.0	39.7	ENE	1	Overcast light breezy morning, snow falling from 9 hrs. freezing with st.
13	1015.5	29.988	43.3	5.6	95	30.0	34.7	39.7	E	8	Overcast dull breezy morning with st. falling & lying.
14	1018.7	30.082	43.8	5.3	46	32.0	34.5	39.5	E	0	Overcast dull calm morning.
15	1024.4	30.251	44.2	5.5	83	32.2	34.8	39.4	SE	0	Overcast cold calm morning, dull.
16	1027.1	30.330	43.2	5.4	89	22.3	34.8	39.4	SE	0	Cloudy bright breezy morning, freezing.
17	1023.0	30.209	43.0	5.3	93	28.4	34.5	39.4	SE	3	Cloudy calm bright morning.
18	1018.2	30.067	43.0	5.6	94	27.7	34.4	39.3	NE	3	Overcast with st. s. at 9 hrs; morning tending to brighten
19	1020.9	30.147	42.3	5.9	97	19.0	34.2	39.2	NE	0	Overcast dull breezy morning.
20	1014.1	29.946	41.4	5.7	92	16.7	34.0	39.3	NE	0	Partly cloudy morning, breezy and cold.
21	1003.5	29.633	42.7	5.8	94	26.8	34.0	39.0	NE	3	Overcast dull morning with int. st. falls of snow.
22	1007.7	29.454	41.4	5.5	91	13.4	33.8	39.0	N	3	Partly cloudy bright calm morning.
23	1014.2	29.949	41.2	5.0	86	12.6	33.7	38.8	E	3	Cloudy bright calm morning, cold and freezing.
24	1015.2	29.979	41.2	4.9	88	12.0	33.7	38.8	=	3	Bright cloudless morning, cold and freezing.
25	1011.1	29.858	43.2	6.2	98	20.4	33.5	38.7	SE	0	Overcast breezy dull morning with st. snow falling.
26	995.0	29.382	43.2	5.1	88	29.8	33.8	38.6	ENE	9	Overcast morning with snow stopping 2 a.m. depth 4 1/2"
27	1006.5	29.422	43.4	5.3	44	27.0	33.7	38.7	N	7	Bright sunny morning, warm; snow lying.
28	1007.2	29.442	43.2	5.4	41	15.4	33.6	38.5	N	7	P. eldy bright morning with st. fall of snow at 8.45 m.
29											
30											
31											

1947.

EVENING

21 hrs.

Anemometer.

Clouds.

Weather.

TEMPERATURE

February

Bar.
(27)Att.
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

MAX.

MIN.

February, 1947

February	Bar. (27)	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	MAX.	MIN.	
1	988.6		36.2	33.3	SE	4	9	Sc	c	c	38.2	29.0	Total Rainfall 1.04 inches
2	974.5		36.7	35.8	ESE	3	10	Sc	o	o	37.8	31.2	Total Sunshine 46.2 hours
3	981.8		36.6	33.8	ENE	6	10	Sc	o	o	37.7	34.8	
4	994.4		33.5	31.5	NNE	3	4	Ac Cu	bc	o, c,	37.2	32.8	Max. temp. 42.3°F on 27th
5	1003.9		29.8	29.4	NE	1	10	Sc	o	o	34.2	29.3	Min. temp 18.0°F on 24th
6	1001.7		29.8	29.0	E	1	10	Ns	o	o, h, os	34.4	27.3	
7	994.7		30.5	30.1	E	5	10	Ac	o	o	31.2	28.6	Lowest max. temp. 31.2°F on 7th
8	991.4		31.2	31.0	E	2	8	Sc	c	o	33.2	29.0	Highest min. temp. 34.8°F on 3rd.
9	993.5		32.5	31.8	ENE	2	10	Ns Sc	o	o	35.2	30.8	
10	998.7		36.6	34.8	ENE	3	10	Sc	o	o	37.2	30.0	Average max. temp. 35.9°F
11	1005.4		33.0	31.8	E	2	10	Sc	o	o	37.2	32.4	Average min. temp 28.2
12	1004.7		32.8	32.5	E	2	10	Sc	o	os, o	33.7	31.0	
13	1004.9		33.8	31.8	E	2	10	Sc	o	os, o	34.2	30.6	Mean temp. for month 32.0°F
14	1010.3		35.4	33.0	E	4	10	Sc	o	o	37.6	33.0	
15	1015.6		33.3	30.8	E	3	10	Sc	o	o, c, o	35.8	32.5	Min. grass temp. 12.0°F on 24th
16	1014.1		31.8	31.6	ESE	2	10	Sc	o	c,	34.2	28.3	
17	1009.2		29.5	29.1	ENE	2	10	Sc	o	c,	34.2	29.0	Highest Bar. at M.S.L. 1015.6 mb on 15th
18	1009.2		30.0	29.2	NE	2	2	Sc	bc	c, o, c	34.8	29.0	Lowest Bar. at M.S.L. 977.4 mb. on 3rd
19	1009.9		29.6	29.2	ENE	2	2	Sc	bc	c,	35.4	25.7	
20	998.2		36.7	30.5	ENE	2	8	Sc	c	c	36.4	23.3	Greatest Daily Rainfall 0.56 in. on 25th
21	993.5		31.2	31.0	ENE	2	10	Sc	o	os, o	33.8	29.0	Greatest Daily Sunshine 9.2 hrs. on 27th
22	1000.2		26.8	26.1	NE	2	0	-	bc	bc	38.2	21.0	
23	1005.1		26.0	25.7	SSE	2	0	-	bc	c, bc	37.4	19.0	Weather Summary
24	1003.2		26.0	25.5	SE	3	3	Sc	bc	bc, bc	38.7	18.0	Snow or sleet
25	991.2		30.4	30.2	ENE	4	10	Ns	os	os	33.2	25.4	Snow lying
26	989.4		32.2	31.6	WNW	2	10	Ns	os	os, o, os	33.8	32.0	Hail
27	997.4		27.0	25.5	NNW	2	4	Ac	bc	bc,	42.3	27.6	Thunder heard
28	1001.9		23.5	22.7	NNE	2	4	Ac	bc	bc, os, c	39.2	22.2	Fog
29													Ground Frost
30													Gale force 8 or more
31													Air frost.

Weather Summary

9^h24^h

Snow or sleet

Snow lying

Hail

Thunder heard

Fog

Ground Frost

Gale force 8 or more

Air frost.

194.4

Morn.

a hrs.

Anemometer.

Clouds.

Weather.

Rain

March	Bar.	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	(mm) Auto	(mm) Check (8")	TOTAL (mm)	Rain (mm)	Vis.	
1	1002.2		26.3	24.6	SW	3	4	Oc Cu	bc	bc	-	-	.00	.00	0.0	K
2	1004.5		29.0	24.2	SW	3	3	Ba	les	les	-	-	.00	.00	0.0	J
3	1005.6		15.0	14.0	WSW	2	0	-	ly	ly	-	-	.00	.00	0.0	J
4	1002.8		25.3	24.8	NNE	2	6	Cs	c	c	-	-	.00	.00	0.0	I
5	994.0		33.4	32.8	NNE	2	8	Cs As	c	o, c	-	-	.00	.00	0.0	J
6	995.7		30.5	28.8	W	1	0	-	bc	bc	.03	.03	.03	.03	0.0	K
7	992.1		34.0	32.4	ESE	2	8	Sc Cu	c	bc, c	.05	.05	.08	.08	1.24	J
8	999.3		33.3	32.6	WSW	2	9	Sc	c	c	.05	.05	.08	.08	.05	J
9	1007.7		33.4	33.4	NE	1	10	Oc	o	o	.13	.13	.21	.21	3.30	H
10	990.7		26.0	35.6	ESE	2	10	Ns	od	od	.05	.05	.21	.21	.05	I
11	996.6		35.4	33.6	NE	2	10	Sc	o	o	-	-	.21	.21	0.0	J
12	1002.0		33.8	31.8	ESE	4	10	Sc	od	od	.60	.60	.88	.81	17.0	J
13	998.0		34.0	33.5	NE	3	10	Ns	OR	ORR	.21	.21	1.11	1.02	5.8	I
14	996.8		35.5	32.6	NE	4	3	Oc	bc	c	-	-	1.11	1.02	0.0	K
15	1003.1		35.2	34.6	ESE	3	10	Oc	o	o	.09	.09	1.31	1.11	5.4	J
16	984.2		43.4	42.0	S	2	10	Oc Fs	o	o	.44	.44	1.71	1.61	10.16	K
17	993.3		40.0	39.0	S	2	10	Oc	o	o	.17	.17	1.88	1.68	4.32	J
18	978.8		44.8	42.6	S	5	9	Sc	c	od, o	.05	.05	1.93	1.93	1.27	K
19	980.4		38.0	37.4	NNE	2	10	Oc	o	o	.01	.01	1.94	1.94	0.25	H
20	986.0		38.8	38.0	ESE	2	10	Oc	o, od	o, dr	.30	.30	2.64	2.63	14.8	J
21	965.7		44.7	44.0	ESE	4	10	Ns Fs	od	ORR	.06	.06	2.74	2.11	3.3	J
22	940.6		46.8	44.6	SSW	4	4	Oc Ci	bc	bc	.01	.01	2.79	2.12	0.5	K
23	968.6		44.0	43.2	SE	2	10	Oc Fs	od	o	.11	.11	3.06	2.24	6.9	K
24	989.4		41.8	39.4	NW	2	4	Cu	bc	bc	.01	.01	3.08	2.25	0.5	K
25	998.8		42.0	40.4	SW	4	8	Sc Ci	c	bc	.19	.19	3.49	2.44	10.4	K
26	982.9		44.3	44.0	S	2	10	Ns	or	or, od, or	.10	.10	3.72	2.54	5.8	J
27	985.7		43.0	41.1	SSE	2	10	Sc	od	o, od	.09	.09	3.88	2.61	4.1	J
28	985.2		44.4	43.5	ESE	2	8	Sc	c	ed	.02	.02	3.93	2.63	1.3	K
29	978.6		42.3	42.3	NNE	2	10	Ns	or	o, dr	.25	.25	4.49	2.88	14.25	H
30	998.2		40.3	39.6	NNE	2	10	Sc	o	o	.01	.01	4.51	2.89	0.5	K
31	994.4		40.2	38.5	NE	1	10	Sc	o	o	-	-	4.51	2.89	0.0	J

2.94

1944.

Corrected Barometer

Humidity

IN
GROUND

	Bar. (mb.)	Bar. (mm.)	ATT. TH. °A.	V.P.	%	GRASS MIN.	1 FT.	4 FT.	CLOUD DIRECT.	STATE OF GROUND	Remarks
1	1013.4	29.926	41.0	3.6	46	11.4	33.5	38.6	W?	8	Bright sunny morning, cold and freezing.
2	1015.5	29.988	41.4	4.2	44	14.0	33.4	38.4	W	8	Partly cloudy bright calm morning.
3	1017.1	30.035	40.2	2.2	44	4.6	33.3	38.3	-	8	Calm cold morning, freezing and foggy.
4	1014.0	29.943	41.0	4.1	90	11.0	33.2	38.2	N?	8	Bright calm cold morning, freezing.
5	1004.7	29.669	43.0	6.0	94	24.6	33.2	38.2	N	7	Cloudy dull calm morning, cold.
6	1006.8	29.730	41.6	4.6	80	13.4	33.2	38.2	-	8	Clear bright calm morning, freezing.
7	1002.5	29.604	44.3	5.5	83	24.4	33.2	34.8	SE	7	Cloudy dull calm morning.
8	1010.0	29.825	44.3	5.9	93	27.4	33.2	34.8	W	7	Cloudy dull calm morning.
9	1018.4	30.043	44.7	6.3	94	26.4	33.2	34.8	NE	4	Overcast dull calm morning.
10	1000.9	29.556	45.3	6.9	96	32.0	33.2	34.8	E	4	Overcast dull calm morning with cont. drizzle.
11	1006.9	29.733	45.2	5.7	82	32.2	33.2	34.7	ENE	4	Overcast breezy cold morning, dull.
12	1012.6	29.902	44.6	5.2	49	29.5	33.3	34.7	E	4	Overcast cold breezy morning.
13	998.2	29.181	44.7	6.3	95	32.8	33.3	34.7	NE	6	Overcast with cont. heavy rain, breezy.
14	1006.3	29.716	44.0	5.0	41	24.8	33.4	34.7	NE	6	Bright breezy warm morning with sl. snow during wt.
15	1013.6	29.932	44.2	6.4	94	14.2	33.4	34.7	E	4	Overcast dull breezy morning, cold.
16	994.1	29.356	46.3	8.8	88	35.2	33.6	34.5	SSW	4	Overcast dull calm morning.
17	1003.4	29.630	45.6	7.6	91	31.0	33.7	34.6	S	4	Overcast dull calm morning.
18	998.4	29.187	44.2	8.2	82	37.6	35.2	34.7	S	1	Cloudy dull calm morning with drizzle early.
19	990.0	29.235	48.0	7.6	94	34.0	34.8	34.7	N?	1	Overcast dull calm morning, muggy.
20	996.8	29.406	44.2	7.5	92	36.0	38.2	34.8	SE	1	Overcast dull morning with sl. rain turning to drizzle.
21	974.9	28.788	48.0	9.5	94	32.0	38.6	38.5	S	2	Overcast with cont. heavy rain from 4 th turning to sl. drizzle.
22	979.8	28.933	49.2	9.1	83	38.6	39.8	38.5	SW	1	Partly cloudy bright breezy morning.
23	977.8	28.844	80.0	9.2	93	40.0	41.2	38.8	SSW	1	Overcast dull calm morning.
24	999.2	29.506	44.6	8.9	63	30.2	41.6	39.2	W	1	Bright warm sunny morning, calm.
25	1008.7	29.986	48.0	4.8	86	31.8	41.0	39.6	W	0	Cloudy dull breezy morning.
26	992.0	29.294	80.0	10.8	98	42.0	41.8	39.8	S	1	Overcast with cont. rain & drizzle from 14 th to 20 th .
27	994.6	29.341	81.3	10.6	93	42.8	43.4	40.0	SE	1	Overcast dull calm morning with drizzle.
28	994.1	29.356	81.4	10.2	91	39.0	44.5	40.4	SE	1	Cloudy dull calm morning with drizzle early.
29	987.9	29.142	80.2	9.2	98	35.0	44.6	40.8	N	1	Overcast to overcast with rain calm morning.
30	991.4	29.246	49.3	4.8	94	39.2	43.6	41.2	NE	1	Overcast dull calm morning.
31	994.1	29.444	49.0	7.1	85	34.2	43.0	41.5	NE	0	Overcast dull calm morning.

2709

1947.

Evening

21 hrs.

Anemometer.

Clouds.

Weather.

TEMPERATURE

March

Bar.
(mb.)Att.
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max.

Min.

March, 1947.

March	Bar. (mb.)	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.	
1	1003.3		26.6	25.8	SW	2	0	-	lc	lc,	39.4	14.0	Total Rainfall 4.51 inches
2	1005.9		13.3	22.0	SW	2	0	-	lc	lc,	41.6	21.8	Total Sunshine 78.1 hours.
3	1006.5		26.2	25.0	SW	2	0	-	lc	lc,	35.4	9.4	
4	997.0		31.6	31.2	ENE	3	10	Cs	o	c,	36.2	18.9	Max. temp. 58.7°F on 26th
5	995.6		26.8	25.2	NE	2	0	-	lc	c,	34.2	26.4	Min. temp. 9.7°F on 3rd
6	995.4		33.8	32.6	SW	3	8	Sc Ae	c	lc	44.9	18.3	
7	996.0		33.4	32.8	S	2	9+	Sc	c	os, od, o	34.6	29.0	Lowest Max. temp. 35.7°F on 3rd
8	1003.0		34.3	33.5	SSW	2	4	Ae	lc	o, c, o, c,	40.4	29.8	Highest Min. temp. 44.7°F on 27th
9	1001.2		36.0	34.8	E	5	10	Sc	o	lc, c, o	40.3	30.5	
10	998.6		35.4	34.8	ENE	3	10	Sc	o	o	38.6	33.0	Average max. temp. 44.0°F
11	1003.2		35.2	32.8	ENE	3	10	Sc	o	o	34.2	34.0	Average min. temp. 32.0°F
12	994.4		34.8	34.2	ESE	4	10	Ns	od	os, or, R	36.2	32.0	
13	990.6		32.0	31.0	ESE	5	16	Sc	o	or, os, o	35.8	31.4	mean temp. for month 39.0°F
14	1004.4		28.5	27.0	NNE	1	0	-	lc	lc,	39.2	28.0	
15	990.4		34.2	36.8	SSE	6	10	Ns	oa	os, o, od	34.4	23.3	min. grass temp. 7.6°F on 3rd.
16	983.2		36.0	35.6	WSW	1	8	Sc	o	or, os, or, o	43.7	32.0	
17	989.0		39.7	38.7	ESE	2	8	Sc	c	od, or, o	44.4	35.2	Highest Bar. at M.S.L. 1007.7 mb. on 7th + 14th
18	978.9		43.0	42.5	ESE	2	5	Sc	c	c, od,	48.2	39.0	Lowest Bar. at M.S.L. 968.6 mb. on 23rd
19	984.5		38.7	34.6	NNE	2	10	Sc	o	o	43.8	34.0	
20	985.1		39.1	38.6	WSW	2	0	-	lc	c, op, c, or, c	49.4	36.8	Greatest Daily Rainfall 0.70 ins. on 20th
21	970.4		45.4	43.0	SSW	6	0	-	lc	op, c,	52.7	36.8	Greatest Daily Sunshine 9.8 hrs. on 21st
22	969.4		45.2	43.8	SSE	2	0	-	lc	cp, c, cp,	55.7	41.6	
23	945.0		38.8	38.0	NNW	5	10	Sc	od,	op, cp,	52.8	38.2	
24	997.4		36.2	35.0	WSW	2	0	-	lc	lc, h, h	49.2	33.2	Snow or Sleet
25	988.8		44.0	43.1	S	8	10	Ns	od	c, or, od	48.8	35.2	Snow lying
26	986.3		43.7	43.1	SSW	2	10	Ns	or	od, cp, or, o	58.7	43.0	Hail
27	985.4		46.2	45.6	ESE	2	8	Sc	c	od, lc, h	51.2	44.4	Thunder heard
28	985.0		46.0	45.0	ESE	2	6	Sc	c	o,	52.0	42.4	Fog
29	946.0		42.7	42.6	NE	2	10	Ns	od	or, od	44.4	38.0	Ground Frost
30	982.0		40.8	40.3	NNE	2	10	Sc	od	o, od	43.8	39.2	Gale (force 8 or more)
31	984.4		40.6	39.4	NE	2	8	Sc	c	o,	43.8	37.8	Air Frost

1363.6 993.3

Weather Summary.

9h

24h.

Snow or Sleet

Snow lying

Hail

Thunder heard

Fog

Ground Frost

Gale (force 8 or more)

Air Frost

1947. Corrected Barometer

Humidity

	Bar. (mb)	Bar. (in.)	ATT. TH. °A	V. P.	%	SUN- SHINE	CLOUD DIRECT.	Vis.	STATE OF GROUND	Remarks: —
1	1014.2	29.949	72.5	4.2	84	6.2	—	K	8	Mostly bright sunny day, clear night, freezing.
2	1016.1	30.023	74.0	3.3	74	8.0	—	K	8	Bright sunny day to clear night, freezing.
3	1014.3	30.041	73.5	3.9	81	4.5	—	K	8	Dull cold morning with fog to sunny day to clear n., aurora.
4	1007.8	29.460	73.3	5.8	96	2.8	N	J	8	Mostly cloudy day with short intervals of sunshine to o. n.
5	1006.3	29.416	73.7	3.8	78	4.3	—	K	8	Mostly cloudy day with short intervals of sunshine.
6	1006.2	29.413	75.3	5.8	84	4.1	W	K	7	Mostly bright sunny day, calm and warmer.
7	1006.6	29.725	74.7	5.9	94	0.3	W	J	7	D. with snow to o. with d. to o. day, calm; aurora chased.
8	1013.3	29.923	75.2	6.1	92	1.4	W?	J	7	Mostly overcast day with very little sunshine.
9	1011.4	29.864	76.0	6.3	88	3.6	SE	I	4	Bright sunny to overcast day to breezy night.
10	998.7	29.492	75.6	6.5	94	0.0	E?	I	4	Overcast dull day to overcast calm night.
11	1013.5	29.929	75.2	5.2	76	0.0	E	J	4	Overcast dull cold day and breezy night.
12	998.0	29.471	74.4	6.4	94	0.0	E	I	6	Overcast with cont. snow to 19.15 to o. with heavy rain to o. with d.
13	991.0	29.264	74.3	5.4	89	0.0	E?	I	6	D. with cont. rain to o. with snow to overcast day, breezy.
14	1018.1	30.064	75.5	4.2	80	4.6	—	I	4	Mostly bright sunny day to clear night, freezing.
15	1000.9	29.556	74.7	7.2	96	0.0	E	I	6	D. day with cont. snow to 17.30 to o. n. with drizzle.
16	993.3	29.932	75.3	6.9	96	0.0	W?	J	4	Rain 11.30/14.30, sleet snow 14.45/17.30, rain 19.30/19.30.
17	998.9	29.497	76.8	7.5	91	0.0	SE?	J	4	Overcast day with intermittent rain and drizzle.
18	988.3	29.134	79.0	9.0	96	3.3	E?	K	1	Mostly cloudy day with some bright periods to o. with d.
19	994.1	29.356	77.8	4.1	90	0.0	N	J	1	Overcast dull calm day and night.
20	994.7	29.374	78.0	4.7	95	0.1	—	J	1	Mostly cloudy day with int. heavy showers between 10-12.
21	979.9	28.936	80.2	8.2	79	2.9	—	J	1	Overcast with p. showers to cloudy day with light periods.
22	978.2	28.886	81.0	9.1	88	6.8	—	K	1	Mostly cloudy day with long light periods & p.s. to clear night.
23	984.2	29.063	80.6	7.4	92	1.2	NW	J	1	Mostly cloudy day with some light periods & passing showers.
24	1007.2	29.742	78.7	6.3	98	9.8	—	K	0	Bright sunny day with hail shower 12. to clear night.
25	998.2	29.477	79.7	9.1	92	2.5	S	J	1	Cloudy with some light periods to o. with rain to o. with drizzle.
26	995.0	29.382	82.6	11.2	95	2.4	S	J	1	Overcast lightning at 12. to cloudy day with p. to o. n. with drizzle.
27	994.2	29.359	82.0	10.0	95	3.1	SE?	J	1	Mostly cloudy day with some light periods.
28	993.8	29.347	82.0	9.7	92	0.0	E	K	1	Mainly overcast day to cloudy night.
29	985.3	29.096	82.6	9.2	78	0.0	NE	I	1	Overcast with cont. rain all day to o. n. with drizzle.
30	991.1	29.216	79.3	8.2	96	0.0	NE	J	1	Overcast day to overcast night with drizzle.
31	997.1	29.444	79.0	7.7	89	0.2	NE	J	0	Mostly overcast calm day to cloudy night.

2791

78.1

1947.	Mon.	9 hrs.	Anemometer.		Clouds.		Weather.		Rain							
April	Bar. mb.	°F Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	(ins) Auto	(ins) Check	Total	Rain (mm)	Vis.	Total ins.
1	989.7		41.8	38.5	NE	3	8	Sc Fc	C	C	—	—	0.00	0.0	K	0.00
2	992.5		41.2	38.2	NE	2	0	—	b	b	—	—	0.00	0.0	K	0.00
3	993.0		37.7	36.8	ENE	2	8	Ac Sc	C	C	—	—	0.00	0.0	J	0.00
4	997.8		37.4	36.3	ENE	1	10	Sc	o	o	.18 .09	.18 .09	0.18 0.09	4.57	I	0.18
5	991.6		46.7	45.6	SW	7	10	Ns / Fm	o, vr	o, vr	.16 .23	.16 .23	0.64 0.32	12.68	I	0.64
6	988.3		49.0	44.7	SW	7	4	lul Fc	bc	bc, h	.02 .01	.02 .01	0.66 0.33	0.51	K	0.66
7	996.8		49.0	43.8	SSW	7	8	lul Fm Ci	C	cb, c	tu	tu	0.66 0.33	tu	K	0.66
8	998.9		43.2	41.6	SSW	2	9	Co Fc	c	c	.06 .03	.06 .03	0.72 0.36	0.52	J	0.72
9	1019.4		46.2	44.4	SSE	1	3	Cu	bc	bc, dr	.02 .01	.02 .01	0.74 0.37	0.51	K	0.74
10	1023.3		52.0	48.0	WSW	3	6	Ac Co	C	tu	—	—	0.74 0.37	0.0	K	0.74
11	1020.8		46.4	43.0	S	4	4	Ci/Cu	bc	bc	tu	tu	0.74 0.37	tu	K	0.74
12	1027.0		51.2	46.4	NNE	1	4	Cu/Ci/Co	C	bc, c	—	—	0.74 0.37	0.0	K	0.74
13	1018.4		50.6	46.3	SW	3	8	Cu/Sc	C	bc, c	tu	tu	0.74 0.37	tu	K	0.74
14	1009.0		52.7	49.8	SW	5	10	Sc	o	od, c	.04 .02	.04 .02	0.78 0.39	1.02	K	0.78
15	1011.0		53.7	52.1	SSW	6	10	Ns	od	o, od	tu	tu	0.78 0.39	tu	K	0.78
16	1009.5		51.8	46.8	SSW	5	6	Sc/Cu	C	bc, c	.04 .02	.04 .02	0.82 0.41	1.02	K	0.82
17	1016.0		45.2	42.5	WSW	2	4	Co/Ci	bc	bc	—	—	0.82 0.41	0.0	K	0.82
18	1005.3		48.3	42.5	S	4	9	Co/Ci/Fc	C	bc, c	.04 .02	.04 .02	0.86 0.43	1.02	K	0.86
19	1000.3		51.0	46.0	SSW	3	4	Cu	bc	bc	.08 .04	.08 .04	0.94 0.47	2.03	K	0.94
20	981.4		52.2	50.4	S	7	10	Sc	od	od	.40 .20	.40 .20	1.36 0.68	10.67	K	1.36
21	981.5		51.7	51.2	SSW	7	10	Ns Fc	o	ORR, o	.46 .23	.46 .23	1.82 0.91	11.68	K	1.82
22	982.0		45.2	43.8	S	7	9	Sc	cd	o, ORR, cd	.66 .33	.66 .33	2.48 1.24	16.76	K	2.48
23	970.8		41.2	40.0	SSW	6	10	Ns	ORR	ORR	.22 .11	.22 .11	2.70 1.35	5.59	J	2.70
24	999.0		47.0	43.0	SSW	5	4	Cu	bc	qbc	.20 .10	.20 .10	2.90 1.45	5.08	K	2.90
25	995.2		51.8	49.6	S	6	10	Sc	o	od	tu	tu	2.90 1.45	tu	K	2.90
26	1012.7		47.0	42.8	WSW	4	4	Ci	bc	bc	.12 .06	.12 .06	3.02 1.51	3.05	K	3.02
27	999.5		50.8	48.5	SSW	4	9	Sc	o	OR, o	.18	.18	3.20	4.57	K	3.20
28	1001.9		50.8	45.6	W	5	7	Cu	C	C, op, bc	.02	.02	3.22	0.51	K	3.22
29	1004.8		43.3	42.0	SSE	5	10	Ns	or	od, o	.36	.36	3.58	9.14	K	3.58
30	1011.2		48.4	44.0	N	4	7	Sc Cu	C	C	.02	.02	3.60	0.51	K	3.60
31																

1947.	Corrected Barometer			Humidity			In Ground					
	Bar. (mb.)	Bar. (ins)	Alt. Th. 0 A.	V.P.	%	Grass Min.	1st.	4ft.	Cloud Dir'n	State of Ground	Remarks	
1	999.7	29.521	78.6	6.4	72	36.3	42.6	418	NE	0	Cloudy light breezy morning.	
2	1002.0	29.618	76.4	6.5	73	23.0	42.0	418	—	0	Bright sunny calm morning	
3	1003.4	29.630	76.8	7.0	92	22.0	41.2	418	E	0	Cloudy light calm morning.	
4	1007.4	29.748	76.6	6.7	90	23.0	40.6	418	E	0	Overcast night & morn. cool. Tending to break away.	
5	1001.5	29.574	79.8	9.9	92	34.0	41.4	418	SSW	2	Wild stormy morn. Rain from 2 to 30.	
6	998.2	29.477	80.2	8.2	69	36.2	42.2	42.0	SW	0	Shower 22:30, 3:30 Stormy night bright fresh stormy morn.	
7	1006.7	29.727	81.0	7.4	63	40.1	43.3	42.0	SW	0	Stormy night & morn. brief sunny intervals.	
8	1008.9	29.792	80.3	8.2	86	36.8	43.6	42.0	S	0	Cloudy dull calm morning	
9	1029.2	30.392	78.7	9.2	86	25.8	44.0	42.2	S	0	Bright sunny calm morning.	
10	1032.5	30.490	82.3	9.6	74	41.0	43.8	42.4	SW	0	Cloudy light breezy morning.	
11	1035.1	30.419	81.0	7.9	74	37.8	46.0	42.8	E	0	P. cldy bright breezy morning.	
12	1035.7	30.534	85.0	8.6	70	32.4	46.8	43.0	ENE	0	Warm sunny calm morning.	
13	1027.4	30.339	82.8	8.8	72	37.3	47.5	43.3	W	0	Cloudy bright breezy morning.	
14	1017.8	30.035	83.7	10.9	80	46.7	47.7	43.7	SW	0	Overcast with d. to cldy to overcast breezy morning.	
15	1019.7	30.112	84.6	10.6	89	43.8	48.2	44.0	S?	0	Overcast with drizzle windy morning.	
16	1019.4	30.073	83.3	8.7	59	45.0	48.8	44.3	SW	0	Cloudy bright windy morning.	
17	1025.4	30.280	80.6	7.9	78	29.0	47.7	44.6	W	0	Partly cloudy bright calm morning.	
18	1014.3	29.952	81.8	6.7	57	30.0	47.8	44.8	S	0	Cloudy bright breezy morning	
19	1009.4	29.807	81.0	8.3	66	32.8	47.3	45.0	SW	0	Partly cloudy bright breezy morning.	
20	990.0	29.235	83.2	11.7	87	45.8	48.0	45.0	S	1	Overcast windy morning with drizzle.	
21	990.2	29.241	82.2	12.6	96	40.2	43.8	45.2	SW	1	Stormy morn. morning with cont. RR. from 4:15 to 7 hrs.	
22	991.1	29.264	80.2	9.1	88	37.7	46.4	48.2	WSW	1	Stormy morning with cont. RR. from 7:15 to 8:20 turning to drizzle	
23	980.0	28.939	80.0	7.9	90	36.8	46.3	45.2	SW	1	Overcast windy morning with cont. RR. from 6 hrs.	
24	1008.3	29.775	79.8	7.7	70	35.8	46.2	45.3	W	1	Partly cldy bright windy morning.	
25	1004.1	29.651	82.4	11.1	85	35.8	47.0	45.3	SSW	1	Overcast with drizzle dull windy morning	
26	1022.9	30.182	80.0	7.5	65	32.9	47.0	45.3	W	0	Partly cldy bright sunny breezy morning.	
27	1008.5	29.781	82.2	10.7	84	43.0	47.8	45.3	SW	1	Overcast with rain dull morning	
28	1014.3	29.855	81.0	8.1	64	36.6	47.8	45.6	W	0	Cldy, with passing showers early, bright breezy morn.	
29	1014.3	29.952	80.2	8.5	89	33.8	47.8	45.6	S	1	Overcast with drizzle to overcast with s. windy morning	
30	1020.4	30.132	81.0	7.8	68	38.0	48.0	45.8	NNW	0	Cloudy bright breezy morning	
31												

1947.	Evening	21 hrs.	Anemometer.		Clouds.		Weather.		Temperatures				
April	Bar. (mb.)	of Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.	April, 1947.
1	992.0		38.7	36.0	NE	2	8	Sc Ac	C	0	44.8	37.8	Total Rainfall 3.60 inches
2	995.0		38.3	35.0	ENE	1	5	Ac Sc	C	b, c	43.2	28.8	Total Sunshine 121.6 hours.
3	991.3		38.8	36.4	ENE	2	9	Sc	C	C	43.8	28.3	
4	1004.3		36.1	34.3	SSW	3	3	Cs	b, c	0, c	50.5	29.6	max. temp. 59.4°F on 25th
5	984.3		46.0	43.5	SW	8	3	Fs.	b, c	0, r, b, c	52.9	37.1	min. temp. 28.3°F on 3rd
6	988.3		45.0	40.9	SW/W	7	8	Ac Fs	c, ho	b, c, ho	53.9	39.9	
7	1001.9		43.6	40.7	SW	2	6	Sc	cb	cb	52.9	43.2	Lowest max. temp. 43.8°F on 3rd
8	1007.2		40.0	39.4	SE	2	4	Ac Sc	bc	c, or, c	53.0	38.6	Highest min. temp. 48.2°F on 15th
9	1023.5		48.7	44.8	SSW	2	10	Sc	0	bc	56.8	31.8	
10	1023.0		50.0	47.5	SSW	2	2	Ac	bc	c, or, c	55.7	44.2	Average max. temp. 54.0°F
11	1019.0		48.4	45.8	SW	2	10	Sc	od	bc, c, od	56.8	40.8	Average min. temp. 39.0°F
12	1025.0		45.0	41.6	SSW	1	0	-	b	bc	58.2	40.0	
13	1010.3		48.9	44.8	SW	4	9	Sc/Ac	C	bc, c	56.2	41.0	mean temp. for month 46.5°F
14	1012.5		51.2	48.0	SW	2	3	Ci	bc	od, o, c	57.2	46.8	
15	1014.0		52.7	49.0	SW	2	7	Sc	C	o, c	58.0	48.2	min. grass temp. 22.0°F on 3rd.
16	1011.6		44.0	42.6	NE	2	10	Ns Fs	0	o, or, od	56.0	43.6	
17	1014.5		45.0	41.2	SE	2	3	Sc	bc	bc	55.7	34.0	Highest Bar. at M.S.L. 1027.0°F on 12th
18	1002.2		45.6	44.0	S	2	10	Ac/Fs	ci	c, op, r	54.7	35.0	Lowest Bar. at M.S.L. 970.8°F on 23rd
19	994.7		30.2	47.2	SSW	5	10	Sc	od	bc, c, op	57.3	37.8	
20	984.5		49.0	43.8	SW	7	4	Sc	bc	or, op, bc	53.8	48.2	Greatest daily Rainfall 0.46 ins. on 5th
21	979.9		42.0	40.7	SW	3	7	Sc	0	or, or, or	52.8	41.5	Greatest daily Sunshine 9.9 hrs. on 24th
22	990.1		42.2	41.0	SSW	3	4	Sc	bc	or, od	52.8	40.8	
23	974.8		43.2	42.0	W	8	10	Ns Sc	or	or, or	51.0	38.2	Weather Summary.
24	1008.3		44.8	41.8	W	2	4	Sc	bc	bc, c	52.2	40.0	9h 24h
25	1004.4		43.8	40.6	WSW	3	4	Sc	bc	c	59.4	41.4	Snow or Sleet
26	1011.3		47.8	43.0	SSW	2	4	Sc	bc	bc, c	54.8	34.8	Snow lying
27	1000.1		44.8	42.0	WSW	2	8	Sc	C	cp	55.8	43.8	Hail
28	1011.0		45.0	41.5	WSW	3	3	Sc	bc	bc	54.4	40.4	Thunder heard
29	998.9		40.8	39.6	NW	6	10	Sc	od	cp	56.6	38.8	Fog
30	1014.6		39.8	37.0	NNE	3	5	Sc	bc	c	50.2	37.0	Ground Frost
31											1618.4	1173.4	Ice Frost.

	Bar. (mb.)	Bar. (ins.)	Air Th. °A	V.P.	70	Sunshine	Cloud Dir.	Vis.	State of Ground	Remarks.
1	1002.0	29.589	79.0	5.9	76	0.0	NE	K	0	Overcast cloudy dull day & cldy night.
2	1005.2	29.683	79.0	5.5	69	5.3	NE	K	0	Partly bright sunny day & cldy. calm night.
3	1001.5	29.574	78.0	6.2	77	0.5	E?	J	0	Partly cldy. dull day with very little sunshine.
4	1014.5	29.958	78.7	5.9	82	1.0	SW	K	0	Pleasant mainly overcast day. Slight hail showers 13 ^h . Clearing around 20 ^h .
5	994.1	29.356	80.0	8.5	81	1.4	SSW	K	1	Mainly overcast. Showers 15 ^h , 18 ^h to 19 ^h . Bright periods from 15 ^h to 20 ^h . Stormy mild night.
6	998.0	29.471	80.8	6.8	67	8.0	W	K	1	Mainly bright sunny day. Stormy. Slight showers.
7	1011.6	29.873	81.7	7.4	75	4.4	SW	K	0	Bright sunny intervals. Wind fresh. subsiding in aftn. mild night.
8	1016.6	30.020	81.0	7.9	94	2.7	SE	J	0	Mostly cloudy day with some bright periods to 10. with n. & p. cldy.
9	1032.5	30.490	82.2	8.4	67	9.8	S	J	0	Mostly bright sunny day with long intervals of sunshine.
10	1032.0	30.475	83.2	10.1	82	2.1	S	K	0	Cloudy with some sunshine to overcast dull day.
11	1028.0	30.354	83.2	9.3	80	7.0	S	J	1	Mostly bright sunny day to overcast night with d.
12	1033.8	30.528	84.6	7.4	72	9.5	-	K	0	Warm sunny day to clear calm night.
13	1019.1	30.094	83.6	8.3	72	4.8	SW	K	0	Mostly sunny day to heavy cldy night. wind rising.
14	1021.2	30.156	84.3	10.0	78	1.8	SW	K	0	Overcast with n. in morning to day with sl. sunshine.
15	1022.6	30.197	85.0	10.1	72	0.4	SW	K	0	Mostly cloudy day with very little sunshine to 10. with n. & p. with d. to 10.
16	1020.5	30.135	83.8	8.7	88	0.9	NE?	K	1	Mostly overcast day with very little sunshine.
17	1023.1	30.212	85.0	7.1	68	8.5	ESE	K	0	Mainly bright day with long periods of sunshine.
18	1011.1	29.858	82.4	9.1	87	0.4	S	K	1	Day to 10. with sl. showers at 10 ^h 45 ^m , 12 ^h 30 ^m ; wind rising.
19	1002.4	29.630	83.5	9.7	79	6.6	SW	K	0	Bright sunny morn. to cloudy to overcast with showers & drizzle.
20	993.1	29.320	83.2	7.4	63	3.5	SW	K	0	Overcast with R.R. from 11 ^h 15 ^m to 12 ^h 15 ^m . & cldy with p. & bright periods.
21	989.1	29.208	80.7	8.1	89	0.0	WSW	K	1	Stormy day with heavy R.R. from 10 ^h 45 ^m to 13 ^h 15 ^m ; 18 ^h to 19 ^h 20 ^m .
22	999.3	29.507	81.0	8.2	90	1.9	SW	K	1	Overcast R.R. from 10 ^h 20 ^m to cldy with hail showers at 15 ^h 40 ^m .
23	983.9	29.054	80.6	8.5	90	1.9	W	K	1	0. with R.R. from 9 ^h 30 ^m to 11 ^h 40 ^m . & cldy with p. showers & strong drizzle from 11 ^h 40 ^m to 12 ^h 10 ^m .
24	1017.5	30.047	82.5	7.6	76	9.9	W	K	0	Mostly bright sunny days with wind fresh. subsiding in afternoon.
25	1013.4	29.926	82.8	7.2	74	3.0	W	K	0	Mostly sunny day with strong wind decreasing at 15 ^h 15 ^m .
26	1020.2	30.126	83.0	7.4	65	7.0	SW	K	0	Bright sunny to cldy dull day.
27	1009.1	29.798	82.0	7.9	77	2.7	W	K	1	Mainly cloudy day with showers and some sunny periods.
28	1019.9	30.117	82.8	7.3	72	4.8	W	K	0	Mostly bright sunny day with showers, wind decreasing.
29	1008.0	29.716	81.8	8.8	89	1.5	NNW	K	1	Cldy day with int. heavy showers, very little sunshine.
30	1023.8	30.233	81.8	6.3	75	7.3	N	K	0	Cldy day with slight showers and long sunny periods.
31					2326	121.6				

1947

Morning

1 A.M.

Anemometer.

Clouds.

Weather.

Rain

May

	Bar. in.	F. Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Auto in.	Check in.	Total in.	Rain in.	Vis.
1	1017.4	45.6	49.8	44.3	NE	3	6	Cu	c	bc, c,	ku	ku	ku	ku	K
2	1016.4	46.8	45.5	42.5	NE	3	9	Sc Cu	c,	o, c,	114	110	110	2.54	K
3	1000.4	42.8	34.5	36.8	ENE	2	10	Ns	or	o, od, or,	126	126	136	6.60	J
4	997.8	44.8	53.0	48.0	SE	3	4	Cu	c	bc, c,	102	102	138	0.51	K
5	999.6	49.8	51.2	45.4	S	3	4	Cu	bc	bc	119	118	156	4.54	K
6	1001.0	44.8	48.3	45.5	S	4	4	Cu	bc	or, c	101	101	154	0.25	K
7	1005.2	49.4	44.8	44.0	ESE	2	10	Sc	o	od,	107	?	164	1.8	J
8	998.7	54.0	55.2	52.5	SE	2	8	Ac Cu	c	o, c,	-	-	164	0.0	J
9	1006.9	50.4	52.2	49.5	SE	2	6	Cu	c	bc	146	?	110	11.8	K
10	1001.7	52.4	52.8	49.5	SE	3	9	Sc	c	c	ku	ku	110	ku	K
11	1009.7	50.7	44.3	47.1	S	1	10	Ac	o	o	-	-	110	0.0	K
12	1011.5	52.2	50.3	49.4	WNW	1	9+	Sc	c,	o,	-	-	110	0.0	K
13	1006.4	53.6	51.2	49.2	ESE	1	4	Co Ci	c	c	101	101	111	0.25	J
14	990.4	54.2	62.4	52.0	ESE	3	8	Cu	c	or, c,	106	105	116	0.28	K
15	994.0	51.2	51.2	47.5	SSW	4	6	Sc	c	bc, c,	104	103	119	0.76	K
16	1006.5	51.8	51.7	48.6	SSW	2	7	Cu Sc	c	c	111	110	129	2.54	J
17	1003.4	54.4	54.8	53.8	S	1	10	Sc	o	or, o	146	146	115	11.68	K
18	1004.2	50.5	51.2	48.5	WNW	1	6	Cu Sc	c,	bc, c,	-	-	175	0.0	K
19	1013.3	51.8	50.4	48.0	W	1	3	Cu	bc	bc	-	-	145	0.0	K
20	1010.4	52.4	56.5	52.2	SE	1	4	Ac Cu	bc	bc,	-	-	175	-	K
21	1016.5	53.6	56.8	51.8	S	1	4	li Co	bc	bc	102	102	177	0.51	K
22	1013.0	55.4	52.2	51.0	S	1	10	Sc	od	c, od	142	142	219	10.7	K
23	1005.5	52.2	50.2	49.0	NE	1	10	Sc	o	o	-	-	219	0.0	J
24	997.1	54.5	55.0	51.7	ESE	3	3	Co	bc	bc	112	112	230	2.79	J
25	996.3	53.6	54.4	52.0	SE	3	4	Cu Sc	c	bc, c,	106	106	236	1.52	J
26	996.6	55.0	56.8	53.1	SSE	4	8	Cu Fe Cu	c	c, po,	113	112	248	3.05	K
27	1005.4	55.4	56.7	53.5	SSW	3	5	Cu Ci	c	bc, bc	-	-	248	0.0	K
28	1009.8	55.4	54.2	53.7	SW	4	1	Cu	bc	bc	127	130	278	7.62	K
29	1006.2	61.2	60.4	59.0	SSW	3	9+	Sc	c	o, c,	ku	ku	278	ku	J
30	1013.2	59.8	54.5	56.4	W	1	5	Ac Ci Sc	col	bc, cd	125	124	302	6.10	J
31	1007.3	62.2	61.0	59.8	S'E	1	10	Sc	o	o	150	152	352	13.21	K

3.62

3.51

1947.

Corrected Barometer

Humidity

IN GROUND

	Bar. mb.	Bar. (ins.)	ATT. TH. %	V.P.	%	Grass Miro	1 FT	4 FT.	CLOUD DATA	STATE OF GROUND	Remarks:—
1	1026.8	30.321	80.5	7.9	67	33.0	48.2	46.0	NE	0	Cloudy bright breezy morning.
2	1026.0	30.297	81.2	7.9	77	34.4	48.7	46.0	ENE	0	Cloudy bright breezy morning.
3	1010.3	29.831	79.0	7.0	93	3.2	47.5	46.0	ENE	1	Overcast with drizzle to overcast with rain cold morning.
4	1006.8	29.730	81.8	9.2	67	42.0	46.4	46.2	ESE	0	Cloudy bright breezy morning.
5	1008.6	29.784	82.3	7.9	63	39.0	48.0	46.0	S	0	Bright partly cloudy breezy morning.
6	1010.0	29.825	81.8	9.1	79	37.4	48.8	46.2	S	1	Bright sunny breezy morning with rain at 4 ^h 30 ^m to 7.00.
7	1014.1	29.946	82.6	10.6	94	42.0	49.8	46.2	SE	1	Overcast with drizzle to overcast dull morning.
8	1007.0	29.736	85.2	12.3	83	50.0	51.2	46.5	SE	0	Bright cldy warm morning with rain during night.
9	1015.7	29.994	83.2	10.8	82	38.2	51.4	46.8	SE	0	Cloudy bright sunny morning, calm.
10	1010.3	29.834	84.3	10.6	78	45.4	51.7	47.2	ESE	0	Thunderstorm 20 ^h 15 ^m to 20 ^h 45 ^m ; cloudy dull breezy morning
11	1018.6	30.049	83.4	10.9	98	37.2	51.7	47.5	S?	0	Overcast dull calm morning
12	1020.2	30.126	84.2	11.6	94	32.2	52.5	47.8	W	0	Cloudy dull calm morning, warm.
13	1015.2	29.979	85.0	11.0	86	38.9	53.3	48.0	SE	0	Cloudy warm night and morning, calm.
14	998.2	29.477	87.0	15.9	81	42.0	53.8	48.3	E	0	Cloudy dull breezy morning.
15	1002.5	29.604	83.7	9.5	74	41.0	53.0	48.4	SW	0	Cloudy bright breezy morning.
16	1018.1	29.976	84.0	10.3	70	39.3	53.7	48.9	SW	0	Cloudy bright calm morning, warm.
17	1011.9	29.881	85.4	13.8	98	49.2	54.5	49.0	S	1	Overcast with rain to overcast muggy morning.
18	1013.0	29.914	83.3	10.3	81	35.8	54.5	49.3	NW	0	Partly cldy to cldy bright calm morning with rain during night.
19	1022.0	30.149	84.0	10.2	81	30.2	55.3	49.7	WNW	0	Bright warm sunny morning.
20	1024.3	30.248	84.3	11.5	73	34.6	55.7	49.8	SE	0	Partly cloudy bright warm morning.
21	1035.0	30.268	85.0	10.9	70	40.0	55.9	50.2	S	0	Bright sunny warm morning
22	1024.4	30.163	86.0	12.1	90	47.4	57.0	50.3	SSW	1	Cldy to overcast with dr. dull morning with rain during nt.
23	1018.1	29.946	84.2	11.3	91	43.4	55.8	50.7	ENE	1	Overcast dull calm morning.
24	1005.5	29.692	85.5	11.6	79	42.0	55.8	51.0	E	0	Partly cloudy bright breezy morning.
25	1004.8	29.671	85.0	12.2	84	43.2	56.0	51.2	SSE	0	Partly cloudy to cloudy breezy bright morning
26	1004.7	29.668	85.8	12.1	77	45.6	56.6	51.4	SSW	0	Bright heavy fresh morn. windy nt. with p. 2 ^h 3 ^h 5 ^h .
27	1013.5	29.929	86.0	12.6	80	47.0	56.6	51.4	SW	0	Bright breezy morning and night.
28	1018.0	30.061	86.0	12.5	78	43.0	56.8	51.7	SW	0	Bright breezy warm morning
29	1013.8	29.937	87.2	16.3	92	57.2	58.8	51.8	SW	1	Dull overcast muggy morning with thunderstorm during night.
30	1021.0	30.150	88.5	16.1	93	46.0	59.4	52.1	SW	0	Cloudy with drizzle warm calm morning.
31	1014.8	29.967	89.8	17.0	93	55.7	60.3	52.4	SSE	0	Overcast dull calm morning with rain from 0 ^h 18 ^m - 3 hrs.

1947.

Evening

2 obs.

Anemometer.

Clouds.

Weather.

TEMPERATURE

May

Bar.
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.

Max.

Min.

May, 1947.

May	Bar. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.	
1	1018.3 50.0	42.5	40.0	N	2	4	Sc	bc	bc	52.6	34.2	Total Rainfall 3.52 inches.
2	1012.0 48.2	45.2	41.0	ENE	3	7	Co	c	cp	50.3	39.8	Total Sunshine 183.9 hours
3	996.2 45.2	47.5	46.0	E	3	4	Sc	bc	as, or, o.	48.8	33.8	
4	998.3 49.7	47.5	45.8	SE	2	8	Sc	c	bc, c,	54.8	45.8	Max. temp. 74.2°F on 31st.
5	990.0 50.5	46.3	44.8	SE	3	9	Sc	cd	bc, cp,	53.8	42.8	Min. temp. 33.8°F on 3rd.
6	1005.2 53.2	49.8	47.0	ESE	2	8	Co Ci	c	bc	58.2	42.0	
7	1008.3 54.5	55.2	53.3	E	2	10	Ns Fs	od,	o, c, od,	59.3	45.3	Lowest Max. temp. 48.8°F on 3rd.
8	1003.1 55.8	53.8	48.6	S	3	6	Ci Cu	c	c	60.2	52.8	Highest Min. temp. 59.3°F on 29th
9	997.3 52.4	49.3	49.0	NE	2	10	Ns Fs	od,	bc, c, orr	56.6	43.2	
10	1006.8 55.0	51.7	48.8	SE	2	7	Ac Ci	c,	c,	58.2	48.9	Average max. temp. 60.8°F
11	1010.6 56.8	55.0	50.0	SSW	1	6	Cu	c	c	63.8	42.2	Average min. temp. 45.7°F
12	1010.3 58.4	55.2	50.0	S	2	8	Co Ci	c	c	63.1	40.7	
13	1000.6 58.8	53.8	51.6	SE	2	4	Ci	bc,	c,	61.4	45.0	Mean temp. for month 53.2°F
14	993.0 56.4	52.7	47.5	S	3	3	Cu Fcu,	bc	or, c,	62.8	48.4	
15	1003.1 56.4	50.3	48.2	SW	2	6	Sc	c	c, p, c,	61.2	45.8	Min. grass temp. 30.2°F on 19th.
16	1005.8 57.2	53.3	51.0	SE	2	9	Sc	c	c	61.8	43.8	
17	1001.4 55.4	51.2	50.8	NNW	1	10	Sc	od	o, od, or, od	57.8	51.0	Highest Bar. at M.S.L. 1018.3 mb. on 1st
18	1008.6 56.6	52.5	44.8	NNW	1	4	Ac	bc	bc, bc	63.2	41.0	Lowest Bar. at M.S.L. 990.0 mb. on 5th
19	1014.6 57.8	54.8	50.1	ESE	1	4	Ac	bc	bc, c, bc	62.8	38.7	
20	1015.8 56.8	53.5	49.8	S	1	8	Sc	c	bc, c,	62.3	40.6	Greatest Daily Rainfall 0.52 in. on 17th
21	1013.6 60.0	56.8	52.0	S	1	9	Sc	c	bc, cp,	64.4	46.8	Greatest Daily Sunshine 13.2 hrs on 28th
22	1009.0 54.2	48.8	47.2	SSE	1	7	Sc Ci	c	orr, o, c	57.2	48.4	
23	1002.0 59.4	56.8	54.5	NE	1	4	Co Ci	bc	o, bc	64.2	46.4	
24	994.4 56.4	50.3	48.8	SE	4	10	Ns Fs	or	od, orr	62.7	46.6	
25	996.9 57.2	52.8	52.0	SSE	3	8	Sc	c	bc, c,	59.5	48.2	
26	999.1 58.2	55.1	52.9	SW	3	7	Ac Cu Ci	bc	bc, p,	61.6	50.0	
27	1008.7 60.8	57.6	53.0	S	4	5	Ci	c	c,	65.3	50.6	
28	1007.7 64.4	63.7	58.8	SSE	4	10	Sc	o	bc, c,	67.7	48.0	
29	1011.6 64.8	60.7	57.2	SW	1	6	Sc Ac	c	c	67.8	59.3	
30	1011.2 65.0	62.1	60.1	ENE	1	8	Ci Co	c	c	67.8	50.0	
31	1006.3 70.2	66.8	64.6	SE	1	8	Sc	c	c, bc	71.2	55.8	

1985.4 1418.4

Weather Summary		
	9 ^h	24 ^h
Snow or Sleet		
Snow lying		
Hail		
Thunder heard		
Fog		
Ground Frost		
Gale force 8 or more		
Rix Frost.		

1947.

Corrected Barometer

Humidity

	Bar. mb.	Bar. in.	Alt. Tr. °A.	V.P.	%	Sun - Shine.	CLOUD DIRECT	Vis.	STATE OF CLOUDS
1	1021.5	30.542	83.0	7.3	78	10.8	N	K	0
2	1021.1	30.153	82.0	6.8	67	4.0	ENE	K	0
3	1005.5	29.692	80.3	9.9	88	0.4	ESE	J	0
4	1007.1	29.739	82.8	9.7	87	4.9	SE	J	0
5	1007.8	29.760	83.3	9.4	88	7.9	SE	K	0
6	1013.7	29.936	84.8	9.8	80	9.9	SE	K	0
7	1009.5	29.810	85.6	13.0	88	1.5	ESE	I	1
8	1012.4	29.996	86.2	9.3	66	6.1	S	K	0
9	1005.9	29.704	84.3	11.7	98	3.1	NE	J	1
10	1015.1	29.976	85.8	10.5	80	1.8	SE	K	0
11	1018.8	30.085	86.8	10.1	68	6.1	SW	K	0
12	1018.2	30.067	87.6	9.9	67	4.2	S	K	0
13	1008.5	29.781	84.8	12.0	85	4.0	SE	K	0
14	1001.2	29.565	86.0	8.9	65	3.9	SSW	K	0
15	1011.3	29.864	86.5	10.5	85	8.2	SW	K	1
16	1013.9	29.940	87.0	11.7	84	5.0	S?	K	0
17	1009.7	29.816	86.0	12.5	97	0.0	WN	I	1
18	1016.9	30.029	86.7	9.3	68	12.8	W	K	0
19	1022.8	30.203	87.3	10.2	70	9.5	E	K	0
20	1023.9	30.236	86.8	8.7	64	4.8	S	K	0
21	1023.5	30.224	88.6	11.1	70	7.6	S	K	0
22	1017.6	30.050	85.3	10.3	88	0.0	SE	K	1
23	1009.8	29.819	88.2	13.5	86	6.3	NE	I	0
24	1002.5	29.604	86.5	11.9	96	4.9	SE?	J	1
25	1005.0	29.677	87.0	11.0	81	9.9	SE	J	0
26	1007.1	29.739	87.5	12.6	86	9.5	SW	K	1
27	1016.4	30.014	87.0	11.7	72	7.8	S	K	0
28	1015.0	29.973	91.0	14.8	74	13.2	SE	K	0
29	1019.0	30.091	91.2	14.4	80	1.8	S	K	0
30	1018.6	30.079	91.3	16.8	88	3.2	E	K	0
31	1012.9	29.911	94.2	19.9	88	4.8	SE	K	0

Remarks: —

Mainly bright sunny day with a slight shower.

Mainly cloudy day with int. showers & bright periods, hail shower 13 1/2 in.

Overcast with snow to or in morning to c. to cldy with little sunshine.

Bright sunny periods in morning with increasing cloudiness in afternoon.

Bright sunny to cldy with showers to overcast day with drizzle.

Bright sunny day to cldy night.

Mainly cldy day with very little sunshine to c. with drizzle.

Mainly cldy day with intermittent periods of sunshine.

Partly cldy to cldy to a with rain from 16^h 45^m.

Mainly cloudy day with very little sunshine.

Cloudy dull morning becoming warm & sunny in afternoon.

Mainly warm bright sunny day.

Cldy in morning becoming bright afternoon with sunny periods.

Overcast with rain 12^h 10^m - 13^h 40^m & cldy after with sunny periods.Mainly cloudy day with sunny periods; shower 15^h 50^m.

Mainly day warm day with intermittent sunny periods.

Dull overcast day with RR from 17^h 45^m - 20^h 30^m to c. at night.

Bright sunny calm day and night, warm.

Mainly bright sunny day, calm throughout.

P. cldy bright sunny morning with cloudiness increasing from 13 hrs.

Bright sunny morning with increasing cloudiness from 15^h at. shower 16^h 30^m.Overcast with c. rain from 11^h 20^m to 19^h to cloudy day.

Overcast in morning becoming bright & sunny in afternoon around 14 hrs.

P. cldy & sunny in morning becoming dull around 16^h 30^m to c. to c. at night.

Mainly bright day with long periods of sunshine to dull at 17 hrs.

Sunny morning, higher intervals, passing showers from 13^h 40^m to heavy day.

Mainly cloudy day with intermittent sunny periods.

Bright sunny day becoming cloudy around 20 hours.

Dull cloudy muggy day with very little sunshine.

Mainly dull cloudy muggy day with scattered sunny periods.

Bright very warm day with sunny periods.

2482

1879

1944.	Morning		8 hrs.		Anemometer.		Clouds.		Weather.		Rain				V ₁₅
June	Bar. mb.	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Auto (ins.)	Check (ins.)	Total (ins.)	Check (mm.)	
1	1004.4	64.0	60.0	59.7	SW	2	10	Ns	od	or, od	-	-	0.0	0.0	I
2	1006.0	63.8	62.7	59.0	SSW	1	6	Ci Co	c,	lc, c,	-	-	0.0	0.0	K
3	1003.4	64.0	61.4	59.8	S	2	10	Sc Fc	b	lc, c,	.140	.140	0.140	10.16	J
4	997.6	61.5	54.7	54.0	NNW	1	10	Ns	od	orr, od	.142	.142	0.142	10.64	J
5	988.5	56.2	48.4	46.6	SSW	2	10	Fc Ns	or	p, o, or	.21	.20	1.02	5.08	K
6	990.0	54.0	52.3	49.8	WNW	3	8	Sc	c	sp, c,	.114	.114	1.16	3.56	K
7	996.6	55.4	53.8	49.6	WNW	3	9	Ci Sc Cu	c	c,	.113	.112	1.28	3.05	K
8	996.4	53.0	52.6	48.1	SW	b	4	Sc Cu	c,	lc, c,	.11	.10	1.38	2.54	K
9	1013.3	54.0	54.4	49.8	W	3	8	Sc	c	c	-	-	1.38	0.0	K
10	1018.4	59.0	56.8	54.2	SW	3	9	Sc	c	o	-	-	1.38	0.0	K
11	1015.0	58.0	54.2	53.4	S	2	10	Co	o	o	-	-	1.38	0.0	H
12	1010.6	61.2	58.8	55.0	NE	2	6	Co Cu	c	c	-	-	1.38	0.0	J
13	1006.9	54.8	59.0	52.7	E	3	3	Cu Co	lc	lc	.02	.02	1.40	0.51	K
14	995.0	58.0	48.2	47.8	NE	1	10	St	o	od	.10	.10	1.50	2.54	J
15	996.8	54.8	51.2	48.0	WNW	1	9	Sc	c	cd, c,	.04	.03	1.53	0.46	K
16	1004.4	55.4	54.0	52.7	SE	3	9	Co Fc	c	c	.17	.17	1.70	4.32	K
17	1003.5	54.2	60.0	57.3	SSW	3	4	Co Cu Sc	c	orr, c,	.24	.24	1.94	6.10	L
18	1002.7	54.2	58.8	55.3	SW	3	4	Co Cu	lc	o, c,	.16	.17	2.11	4.32	K
19	1005.2	59.0	58.0	55.0	S	2	9	Ci Sc Cu	c	o, c,	.15	.15	2.36	3.81	K
20	999.0	59.0	59.7	57.4	SW	2	4	Ci Cu Co Sc	lc	orr, lc	.11	.16	2.52	4.06	K
21	1008.0	58.5	54.0	52.0	WNW	2	5	Cu Ci	c	c	.01	.01	2.53	0.25	K
22	1003.2	56.0	54.3	52.8	WNW	2	6	Cu	c	lc, lc	.13	.12	2.47	3.05	K
23	1007.4	54.2	52.7	50.9	S	3	10	St Fc	o	or, cd	.10	.10	2.44	10	K
24	1002.4	59.0	55.0	53.6	S	5	10	Ns Fc	or	o, cd, or	.52	.52	2.99	13.21	J
25	1002.6	55.8	56.1	52.5	S	3	6	Cu Ci	c	o, c,	-	-	2.99	0.0	K
26	1002.5	58.2	54.4	54.8	S	4	9	Co Sc	c	c	-	-	2.99	0.0	K
27	1007.1	59.8	61.3	58.0	SW	3	6	Co Sc	c	c	lc	lc	2.99	10	K
28	1011.4	60.8	59.0	58.7	NE	2	10	St	o	o	.67	.64	3.66	14.02	H
29	1009.4	54.6	55.2	52.1	SW	3	7	Sc Co	c	c	-	-	3.66	0.0	K
30	1014.0	60.4	59.0	55.6	SSW	2	7	Sc Co	c	c	-	-	3.66	0.0	K
31															

3.78 3.74

1947.

Corrected Barometer

Humidity

IN
GROUND

	Bar. (mb.)	Bar. (ins)	ATT. TH. A.	V.P.	%	GRASS HIN.	1 FT.	4 FT.	CLOUD DIR.	STATE of GROUND
1	1011.7	29.846	90.8	14.4	98	56.2	62.2	52.8	S ²	1
2	1013.3	29.928	90.7	15.5	99	518.8	62.8	53.5	SE	0
3	1010.7	29.846	90.8	16.8	91	53.0	63.2	54.0	S	0
4	1005.4	29.689	89.4	13.9	96	53.8	62.6	54.4	NE ²	1
5	996.4	29.433	86.4	10.0	86	44.4	60.8	54.7	SW	1
6	998.4	29.483	85.2	11.0	82	39.4	59.3	55.0	NW	1
7	1004.9	29.644	86.0	10.2	73	44.3	59.0	55.0	W	1
8	1005.0	29.644	84.4	9.4	40	42.4	59.0	55.0	W	0
9	1021.9	30.146	85.2	10.1	70	44.2	58.7	55.0	NW	0
10	1026.4	30.309	88.0	13.2	84	52.3	60.0	54.8	SW	0
11	1023.3	30.218	84.4	13.8	96	40.8	60.8	54.8	S	0
12	1018.3	30.040	89.2	13.1	77	44.8	62.0	55.0	E	0
13	1014.8	29.964	84.3	10.8	63	40.2	62.0	55.3	E	0
14	1003.0	29.618	84.4	11.3	98	47.8	62.2	55.6	NE ²	1
15	1005.2	29.683	85.7	10.0	49	41.2	59.5	56.0	W	0
16	1012.5	29.899	86.0	11.7	74	38.2	59.4	56.0	SE	0
17	1011.4	29.864	84.0	14.8	84	54.0	59.0	55.8	S	1
18	1010.6	29.843	84.0	13.4	79	51.2	59.2	55.8	W	1
19	1013.0	29.914	88.0	13.4	82	44.8	60.4	55.4	S	0
20	1006.8	29.730	88.0	15.1	86	52.0	61.2	55.8	SW	1
21	1016.0	30.002	84.7	11.0	40	42.2	61.6	56.0	NW	0
22	1011.3	29.864	86.3	11.6	42	38.8	61.2	56.0	NW	0
23	1015.5	29.988	84.0	12.6	84	49.8	61.8	56.2	S	1
24	1010.3	29.834	88.0	13.4	91	49.6	61.0	56.3	S	1
25	1010.7	29.846	86.2	11.8	44	42.8	59.4	56.4	SW	0
26	1010.3	29.834	84.5	13.4	84	52.0	60.1	56.3	S	0
27	1014.8	29.964	88.5	15.0	82	54.2	60.7	56.3	SSW	0
28	1019.3	30.100	89.0	16.4	98	53.0	61.6	56.3	BNE ²	0
29	1017.4	30.044	84.2	11.8	80	49.8	61.2	56.8	WNW	0
30	1021.8	30.113	88.8	13.6	80	48.0	61.3	56.4	SW	0
31										

Remarks: —

Overcast with rain to overcast with drizzle dull muggy morning
 Cloudy bright calm morning
 Overcast dull muggy morning.
 Overcast with drizzle, with rain at 6^h 45^m - 5^h and 7^h 20^m - 8^h 30^m.
 Overcast morning with heavy shower, 6^h; ORR from 6^h 45^m.
 Cloudy breezy morning, dull with shower at 5^h.
 Cloudy dull breezy morning with showers during night.
 Cloudy bright windy morning with p. at 3^h 10^m and 4^h 40^m.
 Cloudy bright breezy morning.
 Cloudy dull breezy morning.
 Overcast dull calm morning
 Cloudy bright breezy morning
 Bright partly cloudy breezy morning
 Overcast with drizzle to overcast dull morning
 Cloudy dull calm morning with drizzle at intervals.
 Cloudy dull breezy morning
 Overcast with rain early becoming bright & cloudy later.
 Partly obs. bright breezy morning, dull early.
 Cloudy dull calm morning
 Overcast with cont. rain from 4^h 5^m to cloudy morning
 Cloudy bright calm morning.
 Cloudy bright calm morning.
 Dr. to obs. to overcast breezy morning.
 Dr. fresh windy morning
 Cloudy bright breezy warm morning.
 Cloudy bright breezy morning
 Cloudy bright breezy warm morning
 Overcast dull muggy morning
 Cloudy breezy morning, bright and warm.
 Cloudy warm calm morning.

2463

2437

5

2467

1941.	Evening		20 hrs.		Anemometer.		Clouds.		Weather.		Temperature		June, 1947
June	Bar. mb.	F. Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.	
1	1005.9	68.5	66.2	63.0	SW	1	4	Al Ci Sc	C	lc, c,	44.8	54.2	Total Rainfall 3.74 inches
2	1001.4	68.4	63.3	58.0	ENE	1	8	Co Ci	C	lc, c,	40.8	54.0	Total Sunshine 143.9 hours
3	1004.0	66.2	63.8	60.8	S	1	10	Ob	od	o	64.8	58.2	
4	994.0	61.2	55.2	53.8	NW	1	9	Sc Fs	C	od, or, o, o,	64.3	54.0	Max. temp. 74.8°F on 1st
5	985.5	56.6	49.2	46.2	SW	2	3	Al Sc Al	lc	cp	54.8	44.0	min. temp. 41.9°F on 16th
6	998.0	58.6	51.2	44.5	W	3	9 ⁺	Sc	C	cp, c	59.6	43.8	
7	999.3	56.0	52.0	48.1	SW	4	9	Sc	C	C	59.8	48.0	Lowest Max. temp. 55.8°F on 14th
8	999.4	56.5	52.8	49.4	SW	3	4	Sc	C	cp	59.2	45.4	Highest min. temp. 58.2°F on 3rd
9	1019.3	62.6	54.0	53.4	NNW	2	9	Sc	C	C, lc	65.3	48.3	
10	1014.0	64.4	61.8	54.4	SW	2	4	Ci	lc	C, lc	68.8	53.4	Average max. temp. 64.5°F on 22nd
11	1012.0	65.8	60.3	55.8	E	2	0	-	b	lc, b	71.9	46.6	Average min. temp. 50.3°F
12	1008.6	63.6	56.2	51.8	E	2	0	-	b	lc, b	63.8	50.8	
13	1002.4	62.0	54.0	51.0	E	2	9	Sc	cr	lc,	64.3	45.4	mean temp. for month 57.4°F
14	993.0	56.2	48.0	44.5	NNE	1	10	Sc Fe	od	onc, od	58.8	47.4	
15	1003.0	60.4	53.2	48.6	N	1	2	Al Fe	lc	cp	60.8	43.2	min. gross temp 38.0°F on 22nd
16	1001.3	54.2	54.3	55.3	S	2	10	Sc	o	cor, o	59.7	41.9	
17	1003.2	58.6	56.3	53.8	SSE	4	10	Nb	or	C, or, o	64.3	55.0	Highest Bar. at M.S.L. 1019.3 mb. on 9th
18	1005.1	62.6	54.2	55.8	SSW	2	8	Sc Cu	C	C, cp	64.8	52.8	Lowest Bar. at M.S.L. 985.5 mb. on 5th
19	1003.0	60.8	55.0	53.0	S	2	6	Sc Cu	C	C, cor	65.8	51.0	
20	1005.2	62.6	55.8	53.6	NW	2	9 ⁺	Sc	C	cp	65.4	52.4	Greatest Daily Rainfall 0.1 in. on 28th
21	1010.4	62.6	55.4	53.0	NW	2	9	Sc Fe	C	cp	64.0	48.6	Greatest Daily Sunshine 14.4 hrs. on 12th
22	1012.3	63.8	60.0	54.8	S	2	10	St Sc	o	lc, b	65.8	44.2	
23	1006.5	62.6	59.0	53.5	SW	2	6	Al Ci	C	od, c,	66.4	50.7	Weather Summary
24	998.4	54.2	53.3	52.8	NNW	2	9	Sc	od	orr	59.2	52.2	Snow or Sleet
25	1003.5	60.8	54.8	54.0	S	4	9	Sc Fe	C	C	64.8	44.8	Snow lying
26	1001.3	62.6	60.0	54.8	S	4	4	Al Sc Fs	lc	C	62.2	54.0	Hail
27	1010.5	63.4	60.7	58.8	SE	2	10	Sc	o	o	66.3	54.8	Thunder heard
28	1005.0	62.8	62.8	62.0	SE	2	10	Sc	od	ORR, C, OR	64.2	55.0	Fog
29	1012.6	62.6	59.4	56.0	SW	2	4	Al Sc Co	lc	C, lc	66.2	50.2	Ground frost
30	1015.2	62.6	59.0	56.6	SW	2	4	Al Al Sc	C	C	66.0	55.3	Gale (force 8 or more)
31											1937.9	1508.6	Air frost

1947

Corrected Barometer

Humidity

	Bar. (mbar)	Bar. (ms)	ATT. TH. °A	V.P.	%	sun- shine	CLOUD DIR	Vis.	STATE of GROUND	Remarks
1	1012.8	29.906	93.3	18.2	88	6.4	SW	K	0	Partly cloudy very warm day with int. sunny and dull periods.
2	1008.6	29.484	93.2	14.0	41	3.5	E	K	0	Cloudy warm day with sunny periods in morning to dull day.
3	1011.1	29.858	92.0	16.9	88	0.9	S	K	0	Bright in the morning to overcast day with drizzle at ntr.
4	1006.6	29.544	89.2	13.4	91	0.0	NW	K	0	Overcast with drizzle to OKR from 12 ^h 20 ^m - 15 ^h 40 ^m to cldy dull muggy dy
5	993.5	29.338	86.7	9.2	48	2.4	SW	L	1	Cloudy day with heavy passing showers & scattered light periods
6	1005.9	29.404	84.8	9.4	44	5.2	W	K	0	Cloudy day with scattered light periods and showers.
7	1007.6	29.454	86.3	9.7	43	8.1	W	K	0	Mainly cloudy day with slight showers & sunny intervals.
8	1004.9	29.463	86.6	10.5	48	8.1	W	K	0	Variable day with sunny periods and passing showers.
9	1026.9	30.324	90.0	12.6	49	7.3	NW	K	0	Cloudy in morning becoming bright sunny afternoon
10	1024.4	30.251	91.0	14.5	76	6.4	SW	K	0	Cloudy and dull to bright sunny afternoon.
11	1019.2	30.094	91.8	13.1	44	9.3	-	K	0	Overcast to bright sunny very warm day.
12	1016.0	30.002	90.5	11.2	42	13.4	-	K	0	Bright sunny warm day and night.
13	1010.4	29.834	89.7	11.4	80	12.3	E	J	0	Warm sunny day becoming cloudy with rain at night.
14	1001.2	29.565	86.4	11.0	96	0.2	NE	J	1	Overcast with rain becoming cldy for short intervals to overcast dull day
15	1010.8	29.849	88.8	9.6	40	4.6	N	L	0	Cloudy day with scattered sunny periods and passing showers.
16	1009.2	29.801	84.0	14.0	88	1.6	S	K	0	Mainly overcast day with rain at 16 ^h 20 ^m - 17 hrs.
17	1011.0	29.855	84.8	13.0	84	2.1	SE	K	1	Mainly overcast day with sunny periods in morning; rain from 14 ^h 30 ^m .
18	1012.5	29.899	90.0	14.6	91	8.3	SSW	J	1	Cloudy with sunny periods and passing showers from 17 ^h 54 ^m .
19	1010.8	29.849	89.0	12.8	84	4.4	S	K	1	Cloudy with sunshine to cloudy with rain from 19 hrs.
20	1012.6	29.902	90.0	13.1	86	3.2	WNW	K	0	Mainly cloudy day with heavy showers & light periods
21	1014.9	30.058	90.0	12.6	85	3.9	NW	K	0	Mainly cloudy day with short light period & sl. passing showers.
22	1019.8	30.114	90.4	12.3	70	4.5	SW	K	0	Partly cloudy bright morning to cloudy dull day with int. sunny period
23	1008.9	29.940	90.0	11.5	68	4.6	WSW	K	0	Overcast with drizzle to cloudy and sunny in afternoon.
24	1006.5	29.722	84.0	13.3	96	0.0	N	J	1	Overcast with rr all day to cloudy with drizzle at night.
25	1003.8	29.858	89.0	12.6	44	4.4	S	K	0	Cloudy day with intermittent sunny periods.
26	1008.7	29.786	90.0	15.4	84	4.6	S	K	0	Cloudy day with sunny periods.
27	1018.8	30.055	90.4	16.2	88	2.5	SSW	K	0	Overcast dull muggy day and night.
28	1012.4	29.896	90.1	18.6	95	0.3	SE	J	1	Over RR becoming cldy with sl. sunshine to o. wt. with drizzle
29	1020.1	30.123	90.0	13.7	78	4.5	SW	K	0	Mainly cloudy to p. cloudy day with light periods.
30	1022.8	30.203	90.0	14.6	86	3.8	W	K	0	Mainly cloudy day with very little sunshine.
31										

3444 143.9

1947.

Morning

8 hrs.

Anemometer.

Clouds.

Weather.

Rain

r

July

Bar.
m.b.† Att.
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.Auto
(ms.)Check
(ms.)Total
(ins.)Check
(m.m.)

Vis.

1	1015.3	61.2	60.8	58.2	SSW	1	9	Sc	c	c	h	h	0.00	h	K
2	1009.0	60.4	59.4	54.8	SW	3	10	Sc	o	o	.02	.02	0.02	0.51	K
3	1005.7	58.6	55.1	53.6	SW	5	10	Sc	o	o	.03	.03	0.05	0.76	K
4	1003.9	57.2	52.8	50.5	SSW	3	10	Sc	o	o	.10	.10	0.15	2.54	K
5	997.4	54.0	56.0	51.0	NN	3	4	Ca	h	c, h	.07	.07	0.22	1.78	K
6	990.0	55.4	52.2	48.1	WSW	3	10	Sc	b	c	.06	.06	0.28	1.52	K
7	988.5	53.6	54.2	50.1	SW	5	6	CaSc	c	c	.14	.14	0.42	3.56	K
8	982.8	54.8	55.0	52.5	SW	4	9	Sc	c	od, c	.10	.10	0.52	2.54	K
9	993.0	56.8	58.0	53.4	NN	2	6	CaSc	c	c	.08	.09	0.61	2.29	K
10	990.8	56.8	52.8	51.0	SSW	2	10	Sc	o	od, o	.07	.07	0.68	1.78	K
11	995.0	55.4	55.0	51.8	SW	3	8	CaSc	c	op, c	-	-	0.68	-	K
12	1006.9	57.2	57.5	51.8	SW	2	7	Sc	c	h, c,	h	h	0.68	h	K
13	1012.0	61.6	63.6	61.1	SSW	5	10	Sc	o	c	-	-	0.68	-	K
14	1016.4	63.8	63.2	59.8	S	3	9	Sc	c	c	-	-	0.68	-	K
15	1009.6	62.6	64.0	60.0	S	4	7	CaSc	c	c	.10	.11	1.09	10.41	K
16	1006.3	63.4	54.0	53.5	NN	2	10	Ns	or	orr	.13	.14	1.23	3.56	I
17	1011.0	55.8	56.2	51.8	SW	1	0	-	h	h	-	-	1.23	-	K
18	1007.4	59.0	62.3	57.8	NN	2	2	CaLi	h	h	.15	.15	1.38	3.81	K
19	1004.0	60.4	53.0	52.6	NN	1	10	Ns	or	orr	.03	.03	1.41	0.76	H
20	999.8	60.4	58.3	53.8	SSE	6	9	Ca Co	c	o, c	.148	.149	1.90	12.45	K
21	995.7	57.8	56.3	55.6	ESE	4	10	Sc	or	o, or	.03	.03	1.93	0.76	J
22	1004.5	57.8	58.5	55.0	SSE	4	9	Sc Ca	c	o, c	-	-	1.93	-	K
23	1008.4	60.2	59.2	56.7	S	3	9+	Ca Sc	c	c	.04	.03	1.96	0.76	K
24	1009.7	58.5	56.7	54.2	SSW	3	10	Sc	o	o	-	-	1.96	-	K
25	1009.8	59.0	58.7	57.0	SE	2	7	Ca Co	c	c	.24	.52	2.48	13.21	J
26	1008.3	59.0	54.7	54.2	NE	2	10	Ns	OR	ORR	.32	.15	3.23	19.05	H
27	1011.8	59.4	59.3	58.8	ENE	2	10	Sc	o	o	h	h	3.23	h	K
28	1005.4	61.2	63.8	63.1	NE	1	10	St	o	od	h	h	3.23	h	H
29	1008.3	63.5	61.8	60.0	WNW	2	10	Sc Co	o	o	.01	.01	3.24	0.25	J
30	1013.3	63.8	60.3	59.3	WNW	2	10	Sc	o	c, od	-	-	3.24	-	J
31	1012.3	63.0	65.4	62.0	NNE	1	3	Ca Li	h	h, c, h	-	-	3.24	-	K

2.50

3.24

1947.

Corrected Barometer

Humidity

IN

GROUND

	Bar. (mb.)	Bar. (ms)	ATT. TH. A	V.P.	%	GRASS MIN.	IFT.	HFT.	CLOUD DIR.	STATE OF GROWTH	Remarks:—
1	1023.1	30.212	89.2	15.4	85	49.0	61.8	56.7	SSW	0	Cloudy very warm dull morning
2	1016.7	30.023	88.8	15.3	88	52.0	62.0	56.8	SW	0	Overcast breezy morning, dull.
3	1013.6	29.932	87.8	13.3	90	52.6	62.2	54.0	SW	0	Overcast windy fresh morning
4	1012.0	29.884	84.0	11.5	84	49.6	61.0	54.1	SW	0	Overcast dull breezy morning
5	1005.7	29.698	85.2	10.5	69	39.2	59.6	54.1	NW	0	Cloudy bright breezy morning.
6	1007.3	29.745	86.0	9.6	72	42.0	60.0	54.0	W	0	Cloudy to overcast breezy morning
7	996.9	29.438	85.0	10.5	74	39.0	59.2	54.0	WSW	0	Cloudy cool windy morning
8	990.9	29.261	85.4	12.4	84	44.7	59.4	56.8	W	1	Cloudy with drizzle to cloudy breezy morning
9	1000.8	29.553	86.8	11.9	72	41.6	59.8	56.4	NW	0	Cloudy warm calm morning
10	998.8	29.496	86.8	12.0	88	46.0	59.0	56.6	S	1	Overcast with drizzle to overcast dull morning
11	1003.3	29.627	86.0	11.6	80	44.6	58.8	56.6	W	1	Cloudy breezy morning with showers earlier
12	1014.8	29.967	87.0	10.5	66	44.7	59.5	56.5	SSW	0	P. cloudy to cloudy sunny warm morning
13	1019.7	30.112	89.4	17.2	86	54.8	60.2	56.4	SW	0	Cloudy to overcast breezy morning
14	1023.9	30.236	90.4	16.0	81	44.0	61.8	56.5	S	0	Cloudy breezy very warm morning.
15	1017.1	30.035	90.0	15.9	78	48.0	62.2	56.4	S	0	Cloudy breezy fresh morning
16	1013.9	29.940	90.4	13.7	96	55.0	63.4	57.0	NW	1	Overcast morning with cont. rain from 4 ^h 12 m.
17	1019.2	30.094	86.2	11.2	72	36.0	62.0	54.2	—	0	Bright cloudless warm calm morning
18	1015.3	29.982	88.0	14.3	74	36.3	62.8	54.5	N	0	Partly cloudy bright warm morning
19	1011.8	29.848	88.8	13.3	94	41.8	62.8	54.4	N?	1	Overcast morning with cont. rain from 3 ^h 24 m.
20	1007.4	29.748	88.8	12.1	72	50.8	61.7	54.8	S	0	Overcast to cloudy bright fresh morning
21	1003.6	29.636	84.3	14.7	96	50.8	60.8	54.8	ENE	1	Overcast breezy morning with rain from 8h.
22	1012.4	29.896	84.3	13.2	78	48.6	61.0	58.0	S	0	Cloudy breezy bright morning
23	1016.0	30.002	88.7	14.5	85	52.4	61.2	54.8	S	0	Cloudy bright breezy morning
24	1017.6	30.050	84.7	13.3	84	46.3	60.8	54.8	WSW	0	Overcast dull breezy morning
25	1017.7	30.053	88.0	15.2	90	43.3	61.2	54.8	S	0	Cloudy bright calm morning
26	1016.3	30.011	88.0	14.2	96	51.8	61.6	54.8	ENE?	1	Overcast morning with RR from 0h.
27	1019.7	30.112	88.2	16.6	97	54.4	61.2	58.0	E	1	Overcast muggy calm morning
28	1013.0	29.914	89.2	19.5	96	54.0	62.0	58.0	N?	0	Overcast dull calm morning with a thunderstorm earlier
29	1015.7	29.944	90.5	16.9	90	55.0	63.0	58.0	W	0	Overcast dull calm morning, warm.
30	1020.7	30.144	90.7	16.4	94	50.8	63.4	58.0	N	1	Cloudy to cloudy with drizzle to overcast morning
31	1019.8	30.114	90.2	17.4	82	47.4	63.8	58.2	NE	0	Bright sunny warm morning.

1947.. Evening 20 hrs. Anemometer. Clouds. Weather. TEMPERATURE

July

ly	Bar. mb.	°F Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.
1	1018.5	62.2	54.1	54.8	SW	2	10	Sc	0	c, o, od, c	64.4	52.0
2	1009.2	62.6	58.4	55.0	SW	3	10	Sc	0	c, o	65.4	55.0
3	1005.4	60.8	59.8	54.0	NW	2	8	Sc	c	o, or, c	62.4	52.8
4	998.4	54.2	54.4	53.5	SSW	4	9	Sc	c	op.	60.2	50.8
5	1002.2	62.2	51.8	48.8	W	3	9	Sc	c	op.	62.8	45.4
6	994.2	54.8	54.0	50.8	SW	3	8	Sc	c	op, c	59.1	46.8
7	985.6	56.6	49.0	44.2	SW	5	10	Sc Fs	od	cp	61.2	45.2
8	988.5	59.6	54.8	52.2	NNW	2	8	Sc Ci Cu	c	cp	64.8	44.4
9	994.0	54.6	53.2	50.4	WNW	3	9	Sc	c	c, op	60.3	48.0
10	990.6	56.5	53.2	51.2	SW	2	8	Ac Ci Sc	c	c, op, od	54.8	49.2
11	1001.8	61.2	55.7	52.2	WNW	2	2	Cu	bc	c, bc	64.4	49.0
12	1008.4	60.8	60.2	59.3	S	3	10	Sc	o	o, od, o	62.2	48.8
13	1015.3	68.4	66.2	61.8	SW	2	4	Co Ci Ac	bc	o, c, bc	46.0	60.0
14	1014.1	66.6	60.0	54.6	SE	2	2	Ac Cu Sc	bc	c	68.4	53.0
15	1005.0	69.2	66.2	63.9	SSE	2	8	Co Sc	c	b, bc	45.8	53.8
16	1010.0	63.8	56.2	52.4	NW	2	9	Sc	c	or, od, c	64.0	53.4
17	1009.9	64.6	59.3	53.8	S	2	2	Ci Co	bc	b, bc	68.4	43.0
18	1006.5	64.4	54.0	52.8	S	2	4	Ci	bc	bc	68.3	44.0
19	1001.4	62.6	60.0	59.0	ESE	1	10	Sc	o	od, o	62.2	46.6
20	996.2	59.4	56.2	55.4	ESE	6	10	Ns	or	c, o, or	61.2	52.8
21	1000.0	62.6	58.8	55.1	SSW	4	9	Sc	c	or, od, c	68.2	52.3
22	1007.0	64.4	59.4	54.1	SE	2	3	Cu Sc	bc	c, bc	65.8	51.3
23	1007.9	60.8	56.3	56.0	SSW	2	9	Sc	c	cp	64.3	54.3
24	1009.7	62.8	59.5	56.8	SSE	2	8	Sc	c	c	65.6	51.0
25	1010.0	62.6	54.0	56.5	ESE	2	10	Ns	or	Cor	66.8	48.0
26	1009.9	59.6	54.1	56.9	NE	2	10	Ns	OR	ORR	58.7	52.0
27	1010.8	63.2	62.0	61.0	ENE	2	4	Ac Sc	c	b, c	66.8	58.0
28	1005.3	64.2	64.0	64.6	SW	2	6	Co Ci Fe	c	o, bc	43.8	58.0
29	1012.0	64.5	64.0	61.8	NE	2	7	Sc	c	o, c	41.2	58.8
30	1012.5	64.5	63.0	61.5	SSW	2	7	Ac Sc	c	c	41.8	54.8
31	1013.1	46.2	66.0	60.0	ESE	2	3	Co	bc	bc, c, bc	48.4	53.2

July, 1947

Total Rainfall 3.24 inches

Total Sunshine 109.3 hours

Max. temp. 78.4°F on 31st

Min. temp. 43.0°F on 17th

Lowest Max temp. 57.8°F on 10th

Highest Min. temp. 60.0°F on 13th

Average Max. temp. 66.0°F

Average Min. temp. 51.3°F

Mean temp. for month 58.6°F

Min. grass temp 36.0°F on 17th

Highest Bar. at M.S.L. 1016.4 mb. on 14th

Lowest Bar. at M.S.L. 982.8 mb. on 8th

Greatest Daily Rainfall 0.75 ins. on 26th

Greatest Daily Sunshine 14.0 hrs. on 18th

Weather Summary

	9 ^h	24 ^h
Snow or Sleet		
Snow lying		
Hail		
Thunder heard		
Fog		
Ground Frost		
Winds force 8 or more		
Clear Frost		

2044 3 159 1.0

1941.

Corrected Barometer

Humidity

	Bar. (mb.)	Bar. (in.)	Att. Th. A.	V.P.	%	Sun- shine	Vis.	Cloud Dir.	STATE OF GROUND
1	1021.0	30.150	89.8	13.6	86	0.9	K	SW	0
2	1014.7	29.964	90.0	13.3	49	0.4	K	WSW	0
3	1013.3	29.923	89.0	14.6	83	0.6	K	W	0
4	999.4	29.512	89.0	13.6	94	0.0	J	SW	1
5	1009.8	29.819	89.8	10.4	49	11.4	K	WNW	1
6	1002.3	29.598	89.3	11.2	49	2.2	K	W	0
7	993.5	29.338	86.4	10.3	86	8.1	J	SW	1
8	996.3	29.421	88.4	12.2	84	4.2	K	N	0
9	1002.0	29.589	89.2	11.5	83	1.3	K	W	0
10	998.6	29.489	86.6	12.0	86	0.1	K	W	1
11	1009.4	29.804	89.2	11.8	48	4.0	K	W	0
12	1016.4	30.014	89.0	16.8	94	4.5	K	S	1
13	1022.4	30.191	93.2	16.9	44	4.4	K	W	0
14	1021.4	30.162	92.2	16.1	86	4.6	K	SW	0
15	1011.8	29.848	93.4	19.2	88	6.2	K	S	0
16	1017.4	30.044	90.4	12.0	48	0.0	K	WNW	0
17	1016.9	30.029	92.8	11.6	68	13.8	K	S	0
18	1013.6	29.982	92.6	11.4	44	14.0	K	S	0
19	1008.8	29.789	90.0	16.1	94	0.0	K	E	0
20	1004.0	29.648	88.2	14.9	96	1.2	I	E	1
21	1007.4	29.748	90.0	13.2	48	3.0	K	S	0
22	1014.3	29.952	91.0	14.8	86	5.4	K	SSE	0
23	1015.5	29.985	89.0	14.1	92	0.6	K	SW	1
24	1017.2	30.028	90.1	14.5	84	0.9	K	S	0
25	1017.5	30.044	90.0	15.4	94	1.2	J	E?	1
26	1017.8	30.056	88.4	15.4	99	0.0	H	NE	1
27	1018.3	30.070	90.3	14.4	88	0.3	K	E	0
28	1012.1	29.884	92.5	19.7	88	3.0	K	SSW	0
29	1019.0	30.091	92.7	17.9	88	0.2	K	NE	0
30	1019.5	30.106	92.7	18.0	92	1.5	K	SW	0
31	1019.9	30.114	94.2	15.0	69	8.3	K	E	0

Remarks: —

Mainly overcast day with very little sunshine and sl. drizzle at st.
 Mainly overcast muggy day and night; very little sunshine
 Drizzle with rain to cloudy dull day.
 Overcast dull day with passing showers to cloudy night.
 Cloudy day with heavy passing showers and light periods
 Overcast with showers at 16h. to cloudy day and night.
 Cloudy day with light periods and heavy showers: Thunder afternoon.
 Cloudy day with passing showers and light periods.
 Mainly overcast day with slight passing showers.
 Mainly overcast day with showers and drizzle to cloudy night.
 Mainly cloudy to partly cloudy warm and sunny day.
 Cloudy with sunshine to overcast to overcast with drizzle in evening
 Overcast in morning to cloudy and sunny in afternoon.
 Cloudy calm muggy day and night with int. light periods.
 Mainly partly cloudy very warm day and night.
 Dr. to overcast with drizzle to cloudy day with no sunshine.
 Bright sunny calm day and night
 Bright sunny warm day and night
 Overcast with drizzle in morning to overcast dull day and night.
 Mainly overcast day becoming o. with cont. heavy rain from 16^h 34^m.
 Dr. to overcast with drizzle to cloudy in afternoon.
 Mainly cloudy day with intermittent light periods.
 Mainly cloudy day with sl. passing showers and little sunshine.
 Mainly cloudy day with very little sunshine.
 Cloudy day with sunny intervals to overcast night with rain
 Overcast day and night with continuous rain
 Mainly overcast muggy day becoming cloudy: little sunshine.
 Overcast dull and muggy becoming cly and sunny at 17^h.
 Overcast and dull becoming cloudy and warm day.
 Mainly cloudy day with sunny warm periods.
 Mainly warm sunny day: dull at 17^h to p. cly day.

#641

109.3

7123

1947.

Morning

8 hrs. — 10
gh.

Anemometer.

Clouds.

Weather.

Rain

August.

Bar.

5 Att.
Ther.

Dry.

Wet.

Dir.

Force.

Amount

Form.

At time
of obs.Since
last obs.Auto
(mm.)Check.
(mm.)Total
(mm.)Precip.
(mm.)

Vis.

August.	Bar.	5 Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Auto (mm.)	Check. (mm.)	Total (mm.)	Precip. (mm.)	Vis.
1	1012.2	63.8	65.2	62.5	NE	2	4	Ci	bc	bc	.12	.12	.12	3.05	K
2	1007.9	63.8	59.8	58.8	NE	2	10	Ns	or	o, or	.38	.38	.50	9.65	I
3	1008.9	61.6	62.8	57.8	S	3	3	CuAc	bc	bc	-	-	.50	-	K
4	1002.4	62.6	60.2	58.2	NNB	2	9	Sc	c	c	-	-	.50	-	K
5	1001.5	64.8	58.2	56.8	SW	2	10	Sc	o	o	.05	.06	.56	1.52	K
6	1006.6	62.2	58.2	56.0	WNW	1	9	Sc	c	o	-	-	.56	-	K
7	1012.0	61.5	59.5	54.1	NW	2	9	Sc	c	c	-	-	.56	-	K
8	1009.8	60.8	60.0	54.0	SSW	3	7	Sc	c	c	-	-	.56	-	K
9	1007.0	61.5	59.8	56.5	S	3	8	Sc	c	c	-	-	.56	-	K
10	1010.2	60.2	63.7	59.0	SSW	1	1	Cu	bc	b, bc	-	-	.56	-	K
11	1016.4	62.2	59.0	55.3	SSW	2	5	Ci/Cu	cb	c, cb	-	-	.56	-	K
12	1017.2	66.2	64.1	62.1	SSW	2	8	Cu/Sc/Cu	c	cb, c	-	-	.56	-	K
13	1015.4	63.6	60.3	59.0	SSW	1	10	Sc	o	c, o	-	-	.56	-	J
14	1016.2	66.2	63.4	62.0	SSW	1	4	Cu	b	bc, f	-	-	.56	-	K
15	1015.4	66.8	64.5	62.2	NNB	1	0	-	b	b	-	-	.56	-	J
16	1017.4	64.6	70.4	59.8	NE	1	0	-	b	b	-	-	.56	-	K
17	1019.0	68.6	69.0	64.8	NNE	2	4	Cu	b	b	-	-	.56	-	J
18	1016.6	69.2	62.2	61.8	NE	1	9	Ob	c	o, c.	-	-	.56	-	I
19	1013.0	69.8	70.4	64.0	ESE	2	5	CiAc	c	c	-	-	.56	-	J
20	1015.7	68.4	68.2	64.2	NE	1	0	-	b	b	-	-	.56	-	J
21	1015.7	68.4	65.0	61.0	E	2	6	Cu	c	c	-	-	.56	-	K
22	1013.6	66.6	64.2	60.2	E	3	4	CuFc	bc	bc	-	-	.56	-	K
23	1016.8	66.6	61.2	59.6	N	1	8	ScAc	c	c	4	4	.56	4	I
24	1022.0	65.5	60.2	58.5	NNB	1	10	Sc	o	o	-	-	.56	-	K
25	1019.6	63.2	62.8	60.1	NNE	1	3	Ci	bc	c, bc	-	-	.56	-	J
26	1020.6	64.0	64.2	62.1	ESE	2	0	-	b	b	-	-	.56	-	K
27	1020.0	63.4	64.0	62.2	WNW	1	0	-	b	b	-	-	.56	-	I
28	1020.3	64.0	65.4	62.2	NNB	1	0	-	b	b	-	-	.56	-	J
29	1017.5	64.4	64.0	61.0	NW	1	0	-	b	b	-	-	.56	-	J
30	1017.8	67.5	68.0	63.6	NNE	1	4	Ac	bc	bc	-	-	.56	-	I
31	1015.5	64.6	61.0	60.0	NE	1	8	Co	c	f, c.	-	-	.56	-	J

55

1941.	Corrected Barometer			Humidity			IN GROUND						Remarks.
	Bar. No.	Bar. in.	Atm. in.	P.P.	%	Grass in.	1ft.	4ft.	Vis.	CLOUD Dir.	STATE OF GROUND		
1	1019.6	30.108	90.7	18.1	86	48.0	64.7	58.7	K	E	0		Bright sunny calm morning
2	1015.3	29.982	90.7	16.5	94	54.2	64.7	58.8	I	NE?	1		Overcast dull morning to overcast with rain.
3	1015.9	30.000	89.5	14.1	72	54.0	63.6	59.0	K	SSW	0		Partly cloudy bright breezy morning
4	1009.6	29.819	90.0	15.6	88	49.4	63.8	59.0	K	NE	0		Cloudy dull calm morning.
5	1008.8	29.799	91.2	15.0	90	48.4	65.0	59.0	K	SW	0		Overcast dull calm morning.
6	1014.0	29.943	89.8	14.3	86	50.0	64.0	59.3	K	WNW	0		Cloudy dull calm morning, muggy.
7	1019.7	30.111	89.3	12.7	79	53.0	64.0	59.4	K	W	0		Cloudy dull warm morning.
8	1017.5	30.044	89.0	14.5	82	53.4	63.4	59.5	K	SW	0		Cloudy bright calm morning.
9	1014.7	29.967	89.5	14.1	80	55.2	63.2	59.5	K	SSW	0		Cloudy breezy dull morning.
10	1017.9	30.038	88.7	15.1	74	42.0	62.8	59.5	K	S	0		Bright warm sunny morning
11	1024.0	30.239	89.8	13.3	78	44.8	64.0	59.4	K	SW	0		Bright clear sunny: warm.
12	1024.3	30.248	92.0	16.8	76	54.1	65.0	59.5	K	SW	0		Cloudy, warm: sunny intervals.
13	1022.9	30.206	90.6	16.3	92	47.6	65.0	59.5	J	SW	0		Warm, overcast
14	1023.5	30.224	92.0	18.4	92	50.2	65.3	59.8	K	?	0		Fog early: bright sunny later.
15	1022.7	30.200	92.3	18.0	88	49.6	66.0	60.0	J	-	0		Slight fog clearing 9h. warm sunny.
16	1024.3	30.248	92.8	19.6	77	50.7	66.4	60.1	K	?	0		Slight fog early: bright sunny later.
17	1025.9	30.294	93.4	19.1	79	48.7	67.0	60.5	J	NE	0		Bright warm sunny: slight breeze.
18	1023.5	30.224	93.7	18.6	78	49.3	67.2	60.7	I	E?	0		Overcast to cloudy dull calm morning.
19	1019.7	30.112	94.2	17.4	69	54.0	67.3	61.0	J	E	0		Cloudy bright morning: slight breeze.
20	1022.0	30.197	93.2	18.7	79	50.0	67.2	61.0	J	-	0		Bright cloudless calm morning: very warm.
21	1022.8	30.203	93.2	16.5	78	52.8	66.6	61.2	K	E	0		Cloudy bright morning: slightly cooler.
22	1020.8	30.144	92.2	16.0	78	48.0	65.4	61.3	K	E	0		Partly bright sunny morning: slight breeze.
23	1024.1	30.242	92.2	16.7	91	49.2	65.2	61.3	I	N	0		Cloudy rather dull morning.
24	1029.4	30.398	91.6	16.0	90	49.8	65.0	61.2	K	N	0		Overcast dull morning: calm, muggy.
25	1027.2	30.333	90.3	16.6	85	40.8	64.7	61.3	J	N	0		Bright fresh calm morning.
26	1027.9	30.254	90.8	16.8	74	42.8	64.4	61.2	K	-	0		Bright cloudless refreshing morning
27	1027.4	30.339	90.4	18.1	80	41.2	64.0	61.2	I	-	0		Bright morning: very calm and warm.
28	1027.7	30.348	90.8	17.7	82	42.0	63.8	61.2	J	-	0		Bright sunny cloudless morning.
29	1024.9	30.266	91.0	17.0	83	42.6	64.0	61.0	I	-	0		Bright sunny calm morning.
30	1024.1	30.242	92.7	18.1	78	47.8	64.4	61.0	I	ENE	0		Bright pleasant calm morning.
31	1022.6	30.197	92.8	17.2	94	46.3	64.6	61.0	I	NE?	0		Fog early. cloudy. brightening

1947.	Evening		2h. — 4 th .	21h. —	Anemometer.		Clouds.		Weather.		Temperature		
August	Bar.	% Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.	
1	1011.1	64.6	61.0	60.2	E	3	10	Sc	od	c, orr	74.2	52.2	Total Rainfall 0.56 inches
2	1007.6	64.0	62.0	60.0	SE	3	9	Sc	c	opt, c,	63.8	59.0	Total Sunshine 245.5 hours.
3	1007.0	64.2	59.2	54.0	S	3	2	Ci Co	bc	bc, ci, bc	70.8	54.2	
4	1001.0	41.6	63.2	59.8	S	2	8	Sc	c	c, bc, c	74.2	53.8	Max. temp. 82.1°F on 15th
5	1003.1	65.8	58.2	54.4	NN	2	10	Sc	o	o, qp	66.8	52.8	Min. temp. 45.0°F on 27th
6	1010.2	65.0	58.0	54.8	NN	1	9	Sc	c	c	65.7	53.2	
7	1012.0	63.0	54.5	53.2	SSW	2	9+	Sc	c	c, o,	62.2	53.0	Lowest Max. temp. 62.2°F on 7th
8	1008.0	64.4	60.8	54.8	SE	3	9	Sc	c	c	65.2	55.2	Highest Min. temp. 59.0°F on 2nd.
9	1007.3	65.2	60.7	54.0	SN	3	6	Sc Ae	c	c	67.2	56.7	
10	1013.7	68.0	63.6	60.9	SSW	1	9+	Sc	c	cl, bc, c,	73.3	49.4	Average Max. temp. 73.8°F 73.8°F
11	1018.0	68.4	61.7	58.8	SSW	1	9+	Sc	c	cl, c,	71.0	50.0	Average Min. temp. 52.9°F 52.8°F
12	1015.1	68.5	63.5	58.8	S	1	5	Sc	c	cl, c,	73.3	58.5	
13	1016.4	41.6	63.0	61.0	SSW	1	0	-	bc	bc, bc	77.2	52.8	Mean temp. for month 63.3°F
14	1015.6	73.0	65.5	63.0	SSW	1	1	Sc	bc	bc	81.0	53.6	
15	1016.6	44.0	66.0	63.4	-	0	1	Sc	bc	bc	82.1	53.1	Min. grass temp. 40.8°F on 25th
16	1019.6	44.8	68.5	63.4	NE	2	0	-	bc	bc	81.8	53.5	
17	1018.3	44.6	63.0	63.0	ENE	2	1	Sc	bc	bc, bc	78.5	55.5	Highest Bar. at M.S.L. 1022.0 - b. on 24th
18	1014.7	43.2	63.4	63.0	-	0	8	Ci Sc	c	bc, c,	76.7	53.8	Lowest Bar. at M.S.L. 1001.0 - b. on 4th
19	1014.0	44.4	66.2	63.0	SE	1	1	Ae	bc	c, bc	77.8	54.8	
20	1016.4	42.8	61.0	59.2	NE	1	0	-	bc	bc	75.8	54.0	Greatest Daily Rainfall 10.38 ins. on 2nd
21	1014.4	41.6	61.3	54.1	ENE	2	0	-	bc	c, bc, bc	73.2	55.8	Greatest Daily Sunshine 13.0 hrs. on 17th
22	1014.2	42.0	62.0	59.8	NE	1	0	-	bc	bc, bc	73.8	53.4	
23	1021.5	69.8	61.7	60.7	N	1	10	Sc	o	bc, qp, c, o,	74.7	53.7	
24	1021.0	41.6	61.7	60.2	SE	1	6	Ci	c	c	74.2	54.0	Snow or Sleet
25	1019.8	40.5	60.2	54.0	S	1	0	-	bc	bc, bc	76.2	45.2	Snow lying
26	1020.8	69.8	59.4	54.8	S	2	0	-	bc	bc	73.3	47.8	Hail
27	1020.6	40.5	60.4	58.4	SE	1	0	-	bc	bc, bc	76.3	45.0	Thunder heard
28	1019.6	41.6	61.8	59.0	-	0	0	-	bc	bc, bc	79.7	44.8	Fog
29	1017.0	42.8	64.7	61.1	S	1	0	-	bc	bc, bc	80.2	48.0	Ground Frost
30	1017.1	42.8	61.8	60.5	NE	1	4	Ae	bc	bc	77.8	53.0	Yale (force 8 or more)
31	1014.2	68.6	54.6	50.0	ESE	1	0	-	bc	c	69.6	54.3	Air Frost

August, 1947.

Total Rainfall 0.56 inches
Total Sunshine 245.5 hours.

Max. temp. 82.1°F on 15th
Min. temp. 45.0°F on 27th

Lowest Max. temp. 62.2°F on 7th

Highest Min. temp. 59.0°F on 2nd.

Average Max. temp. 73.8°F 73.8°F

Average Min. temp. 52.9°F 52.8°F

Mean temp. for month 63.3°F

Min. grass temp. 40.8°F on 25th

Highest Bar. at M.S.L. 1022.0 - b. on 24th

Lowest Bar. at M.S.L. 1001.0 - b. on 4th

Greatest Daily Rainfall 10.38 ins. on 2nd

Greatest Daily Sunshine 13.0 hrs. on 17th

Weather Summary

Snow or Sleet

Snow lying

Hail

Thunder heard

Fog

Ground Frost

Yale (force 8 or more)

Air Frost

2227.6 1136.1

1644

2287.6

413

	Bar. mb.	Bar. in.	Alt. Th. ft.	V.P.	%	Sun- shine.	Cloud Dir.	Vis.	State of Ground	Remarks:
1	1018.1	30.064	92.8	14.4	95	5.4	E	I	I	Cloudy day to overcast with rain around 13 ^h . to ed. ^{20h.} Thunder.
2	1014.9	29.940	90.8	16.8	88	0.0	E	J	I	Mainly overcast day with rain & st. Thunderstorm around 15 ^h .
3	1014.1	29.946	92.5	14.9	84	10.7	S	K	0	P. dly in morning being dly to partly cloudy day and night.
4	1007.6	29.454	95.0	15.9	80	8.5	SW	K	0	Cloudy in morning to p. dly day to cloudy night.
5	1010.2	29.831	91.8	15.6	94	0.1	NNW	K	I	Mainly overcast to op.: very little sunshine.
6	1017.6	30.050	91.3	13.2	80	1.1	N	K	0	Mainly cloudy day with short sunny periods.
7	1019.5	30.106	90.2	11.9	44	0.6	W	K	0	Cloudy to overcast dull calm day to cloudy night.
8	1015.4	29.985	91.0	16.0	82	1.2	SE	K	0	Mainly cloudy dull day and night.
9	1014.7	29.964	91.4	14.3	48	1.8	S	K	0	Mainly cloudy dull day with very little sunshine.
10	1020.7	30.141	93.0	14.3	86	10.9	SSW	K	0	Warm fine sunny day.
11	1025.1	30.241	93.2	16.4	84	9.5	SW	K	0	Warm cloudy sunny.
12	1022.2	30.185	93.3	14.8	45	2.7	SW	K	0	Cloudy, oppressively warm.
13	1023.1	30.212	95.0	14.4	88	9.6	-	K	0	Clear warm evening bright sunny day.
14	1022.2	30.185	96.3	18.6	86	10.4	?	K	0	Extremely warm sunny day.
15	1023.0	30.204	96.8	18.8	86	12.3	?	K	0	Bright warm calm sunny day: aurora.
16	1025.6	30.291	94.2	14.6	44	12.8	-	K	0	Warm, bright, sunny.
17	1024.7	30.259	94.1	18.8	89	13.0	?	K	0	Bright warm sunny day.
18	1021.2	30.156	96.4	18.5	86	6.8	NNE	K	0	Dull in morning to sunny warm day.
19	1020.2	30.129	97.0	18.2	83	10.1	E	I	0	Mainly bright very warm day and night.
20	1023.0	30.204	96.2	16.4	90	12.0	-	K	0	Very warm bright day and night.
21	1021.1	30.153	95.0	14.0	46	12.2	-	J	0	Mainly bright sunny day & night, warm.
22	1020.8	30.144	95.4	16.6	84	11.7	-	J	0	Bright warm day with uninterrupted sunshine.
23	1028.4	30.369	94.0	14.4	94	3.6	N	I	0	P. dly sunny to op. 2.45 ^m to dly to st. st. afternoon.
24	1027.7	30.348	95.0	14.2	91	6.9	SE	K	0	Mainly fair day with sunny periods.
25	1026.7	30.318	94.4	14.4	81	10.5	-	J	0	Bright sunny very warm day.
26	1027.7	30.348	94.0	15.6	90	12.0	-	K	0	Bright sunny warm day and night.
27	1027.4	30.339	94.4	15.8	88	12.1	-	J	0	Mainly bright sunny day: very warm.
28	1026.3	30.306	95.0	15.8	84	11.6	-	K	0	Mainly bright sunny warm day & night.
29	1023.6	30.224	96.0	16.8	80	11.4	-	J	0	Bright sunny: warm and calm: day and night.
30	1023.7	30.230	96.0	14.4	92	9.8	NE	J	0	Dull in morning developing bright and sunny later.
31	1021.2	30.156	93.4	13.6	84	4.2	-	J	0	Mainly cloudy day with sunny periods.

1947.	Hourly		qms.		Anemometer.		Clouds.		Weather.		Rain		Total ins.	Check mm.	Vis.
September	Bar.	% Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Cont. ins.	Check ins.			
1	1012.5	63.0	62.6	59.8	NNW	1	7	Co Ci	c	c	-	-	0.0	-	I
2	1015.0	61.2	61.5	58.8	SW	1	0	-	h	h	-	-	0.0	-	I
3	1014.4	62.6	56.4	54.8	SW	1	9+	Sc Ae	c	c	tu	tu	0.0	tu	K
4	1008.2	60.4	56.8	54.8	SW	1	10	Sc	o	o, od.	to3	to3	0.03	0.8	K
5	1008.3	59.0	54.4	54.4	SW	1	6	Co Ci	c	c	to3	to3	0.03	to3	K
6	1010.4	58.5	60.0	56.4	SSW	2	4	Cu	lc	lc	.08	.08	0.11	2.08	K
7	1006.0	60.8	61.2	58.0	SSW	2	10	Sc	o	op,	.18	.18	0.29	4.6	J
8	1005.4	58.6	56.0	58.0	SW	3	4	Sc Co	c	c	.12	.12	0.41	3.1	K
9	995.6	59.4	60.0	59.0	SW	6	10	Sc	o	or, od.	.03	.03	0.44	0.8	K
10	1004.4	54.8	60.4	59.5	SSW	2	9+	Sc	c	c	tu	.01	0.45	0.2	K
11	994.0	62.6	61.0	60.8	S	3	10	Sc	or	o, or	.13	.14	0.59	3.6	J
12	1002.6	54.8	60.2	54.6	SSW	4	6	Co Ci	c	c	.15	.16	0.44	3.8	K
13	1002.5	55.8	56.5	53.8	SSW	3	0	-	h	h	.06	.06	0.80	1.5	K
14	993.0	55.4	55.0	54.6	SSW	6	10	Ns	orr	o, orr	.16	.14	0.94	3.6	K
15	994.5	60.8	65.8	64.3	S	5	6	Co Co Sc	c	c	.04	.69	1.63	14.5	K
16	995.3	59.0	53.2	53.0	NNW	2	10	Ns	OR	ORA	.14	.24	1.94	8.6	H
17	1011.4	54.0	54.3	51.8	SSW	2	4	Co Ci	c	c	tu	tu	1.94	tu	K
18	1013.4	56.5	56.6	54.2	NB	2	6	Co Sc	c	c	-	-	1.94	-	K
19	1005.9	54.2	54.0	56.6	NB	2	10	Co	o	o	.11	.11	2.08	2.8	J
20	1000.4	59.5	61.4	60.1	S	3	8	Co Fs	c	or, o, c.	.18	.19	2.24	4.8	K
21	1016.8	54.2	59.8	55.1	WNW	2	4	Co Ci	lc	h, lc	-	-	2.24	-	K
22	1015.2	54.2	56.4	56.0	SSW	5	10	Fe Sc	o	c, o.	.12	.29	2.56	4.4	K
23	1013.1	53.6	55.2	53.4	NW	2	2	Co Sc	lc	lc	tu	tu	2.56	tu	K
24	1013.4	53.6	53.0	52.3	SE	2	10	Sc	o	o	-	-	2.56	-	K
25	1012.0	53.6	54.8	52.8	NW	2	4	Sc	c	c	-	-	2.56	-	K
26	1014.8	54.0	55.4	53.0	S	2	0	-	h	c, h	-	-	2.56	-	K
27	1014.3	55.4	54.4	53.0	SW	3	10	Sc	o	c, o.	.09	.09	2.65	2.3	K
28	1011.4	55.4	53.4	51.8	W	2	8	Co Sc	c	or, o, c.	.03	.03	2.68	0.8	K
29	1012.4	53.2	53.4	51.0	NNW	3	4	Sc Co Ci	lc	h, lc	-	-	2.68	-	K
30	1023.3	50.0	49.6	44.8	SW	2	6	Co Co	c	lc, c.	-	-	2.68	-	K
31															

1.68 2.68

1947..

Corrected Barometer

Humidity

IN
GROUND

	Bar. mb	Bar. in.	Air Temp. °F.	V.P.	%	Grass Min.	1 Ft.	4 Ft.	Cloud Dir.	State of Ground	Remarks:
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1	1020.0	30.120	90.2	16.3	84	39.8	63.4	61.0	N	0	Cloudy rather dull morning
2	1022.8	30.206	89.2	15.9	84	40.0	62.8	61.0	-	0	Cloudless bright morning
3	1022.0	30.149	90.0	13.0	83	50.0	63.0	60.8	SW	0	Cloudy dull morning, cooler.
4	1015.9	30.000	88.8	13.8	88	51.0	62.2	60.8	SW	0	Overcast with drizzle to overcast morning
5	1016.1	30.005	88.0	13.3	82	45.2	61.4	60.6	SSW	0	Cloudy rather pleasant morning
6	1018.6	30.049	84.4	14.2	80	44.0	61.0	60.3	SW	0	Bright fresh morning.
7	1013.6	29.932	89.0	14.9	84	53.8	61.0	60.0	SW	1	Overcast morning with shower around 12h.
8	1013.2	29.920	84.8	12.4	81	46.0	61.2	60.0	W	0	Cloudy bright breezy morning
9	1003.4	29.630	88.2	16.6	94	52.0	60.4	59.4	WSW	1	Fresh windy morning: rain & drizzle through night.
10	1012.3	29.993	84.3	16.9	94	46.6	59.4	59.6	SW	0	Cloudy dull morning: rather warm.
11	1004.4	29.660	90.0	18.1	99	59.2	60.6	59.4	SW	1	D. to overcast with rain breezy morning, dull.
12	1010.5	29.840	84.3	15.0	85	46.8	59.4	59.3	SW	0	Fresh bright breezy morning.
13	1010.6	29.843	86.2	12.9	83	44.0	59.0	59.0	-	0	Bright sunny breezy morning
14	1001.2	29.565	86.0	14.4	94	45.2	58.2	59.0	S	1	Overcast to or stormy morning
15	1005.1	29.680	89.0	19.9	91	56.6	59.0	58.4	SW	1	Cloudy bright windy morning
16	1003.2	29.624	88.0	13.6	99	51.2	59.3	58.5	N?	1	Cont. rain from 22h: calm.
17	1020.0	30.120	85.2	12.0	84	40.0	54.4	58.4	SW	0	Cloudy rather cool and dull morning.
18	1021.4	30.162	86.6	13.3	85	44.2	54.4	58.3	E	0	Cloudy rather fresh bright morning
19	1013.8	29.924	84.0	16.6	94	39.0	54.4	58.1	NE?	0	Overcast muggy morning
20	1008.2	29.442	88.2	14.0	91	54.8	58.4	58.0	S	1	Cloudy, dull: rain during night.
21	1024.9	30.265	84.0	12.4	92	41.4	58.8	54.8	W	0	Bright sunny pleasant morning
22	1023.4	30.261	84.0	15.0	96	45.8	58.0	54.8	SW	0	Overcast refreshing windy morning
23	1021.6	30.168	84.4	13.4	90	38.8	56.5	54.8	WNW	0	Bright sunny fresh morning
24	1022.3	30.188	85.0	13.0	96	36.4	55.6	54.6	E	0	Overcast dull morning, calm.
25	1020.6	30.138	85.0	12.4	84	41.4	55.5	54.3	N	0	Cloudy morning, tending to brighten.
26	1026.3	30.306	85.2	12.4	88	40.0	56.0	54.2	-	0	Bright sunny morning: calm
27	1022.7	30.200	86.0	12.9	85	46.0	56.8	56.8	WSW	0	Overcast bright breezy morning
28	1020.1	30.123	86.0	12.4	89	45.6	56.8	56.8	W	0	Cloudy calm rather warm morning
29	1021.3	30.159	84.8	11.4	84	34.8	56.2	56.8	NW	0	Bright morning with clouds increasing
30	1032.3	30.484	83.0	10.5	84	30.4	54.3	56.4	SW	0	Bright breezy morning, cold.
31											

2642

Temperature

np.

September, 1947

Total Rainfall 2.68 inches

Total Sunshine 101.5 hours

max. temp. 72.8°F on 2nd

Min. temp. 38.8°F on 30th

Lowest Max. temp. 56.4°F on 24th

Highest min. temp. 57.4°F on 20th

Average max. temp. 63.4°F

Average min. temp. 48.8°F

mean temp. for month 56.1°F

min. grass temp. 30.4°F on 30th

Highest Bar. at M.S.L. 1024.4 mb. on 21st

Lowest Bar. at M.S.L. 003.00 b. m. 11th

Lowest Daily Rainfall 0.69 15
0.34 in on 16th

London Daily Sun 1821 to 1821st

Weather Summary

Snow or Sleet

Snow lying

Hail

thunder heard

Eng.

109

Grounds Frost

Gate Force 8

1903 5 146 0.3

1947..	Corrected Barometer			Humidity						
	Bar. mb.	Bar. ins.	Alt. Th. A.	V.P.	%	Sun. Shine.	CLOUD DIR.	Vis.	STATE of GROUND	

1	1020.4	30.132	92.5	15.6	90	6.1	E	J	0
2	1024.0	30.239	93.0	15.0	94	9.6	N	J	0
3	1018.7	30.082	90.0	13.4	90	0.0	W?	J	0
4	1012.8	29.908	89.0	14.8	88	6.6	S	J	0
5	1018.1	30.064	89.1	12.7	93	4.5	SW	K	0
6	1017.2	30.038	89.6	14.0	80	4.5	S	K	0
7	1014.1	29.946	90.2	14.5	91	1.9	S	K	0
8	1009.9	29.822	88.8	13.6	90	5.5	SW	K	0
9	1007.0	29.736	88.0	14.9	94	0.7	-	K	0
10	1004.4	29.767	89.8	14.8	88	0.3	SW	K	0
11	1009.8	29.819	88.6	13.0	82	0.8	-	K	0
12	1013.3	29.923	88.0	14.4	96	2.8	SW?	J	1
13	1011.4	29.867	87.0	11.8	96	6.4	-	K	0
14	1002.1	29.592	88.0	16.4	93	0.8	SW?	K	1
15	1005.4	29.689	90.0	18.9	96	1.0	SW	K	0
16	1014.3	29.952	86.4	10.7	91	1.2	-	K	0
17	1021.7	30.140	87.4	12.4	96	5.2	-	K	0
18	1018.2	30.067	88.0	12.9	96	4.9	-	K	0
19	1008.3	29.775	87.8	14.7	99	0.0	E	J	0
20	1011.5	29.870	89.4	16.3	99	1.7	W?	K	1
21	1032.5	30.490	88.2	12.4	98	10.2	W?	K	0
22	1020.5	30.135	86.0	10.8	92	2.0	SW	K	0
23	1023.8	30.233	86.2	11.1	94	4.6	N?	K	0
24	1022.5	30.194	85.5	12.4	99	0.0	NW	K	0
25	1023.3	30.218	87.0	13.8	98	3.7	E?	K	0
26	1025.6	30.286	87.2	15.2	99	3.6	N	K	0
27	1018.9	30.088	87.0	15.2	96	0.3	WSW	K	0
28	1019.3	30.100	86.2	12.8	99	1.9	W	K	0
29	1028.2	30.263	85.3	9.6	98	6.9	W	K	0
30	1030.7	30.437	85.8	11.9	99	6.5	SW	K	0
31									

Remarks: _____

Mainly cloudy day with scattered sunny periods
Mainly bright sunny day: warm.
Mainly overcast day with slight drizzle around 20h.
Mainly o. day with drizzle and rain: clearing around 16h 30m.
Variable day with sunny periods
Bright and sunny becoming cloudy rather dull day.
Overcast with p. between 10-11h. to cloudy day.
Mainly cloudy lighter day: wind rising at night clearation.
Mainly cloudy day with passing showers.
Mainly cloudy rather dull and warm day.
Or to 12h to cloudy rather dull day.
Bright in morning becoming cloudy to or at 17h 12m.
Sunny in morning becoming rather cloudy in afternoon.
Or to 14h. to cloudy dull breezy day.
Mainly overcast day with very little sunshine: windy throughout.
Or to 14h. becoming cloudy: cool.
Mainly bright sunny day: night cool.
Mainly fair day: dull in morning, sunny in afternoon.
Overcast very dull calm day and night.
Mainly cloudy day with p. prevailing in morning: p. from 17h - 23h 30m.
Bright sunny day: refreshing night.
O. with int. heavy rain becoming cldy: wind subsiding
Cloudy day with int. bright periods and slight showers.
Mainly overcast day with slight drizzle at intervals
Bright in morning to mainly cloudy day.
Bright & sunny in morning: increasing cloudiness in afternoon.
Cloudy in morning becoming mainly o. rather dull day.
Mainly dull cloudy day to overcast night
Variable day with sunny periods and slight drizzle: at cooler
Mainly bright sunny day: cloudy night.

2817 101.5 W

1947.	Morning		9 hrs.		Anemometer.		Clouds.		Weather.		Rain		Total (ins.)	Check. (mm.)	Vis.
October	Bar.	% Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Auto (ins.)	Check. (ins.)			
1	1019.0	53.6	52.0	51.3	SW	2	9	Sc	c	c, h, c.	-	-	0.00	-	K
2	1018.1	52.5	56.2	52.5	N	1	3	Ac Ci	h	h, h	-	-	0.00	-	K
3	1022.8	51.8	48.8	47.1	SW	2	0	-	h	h	h	h	0.00	h	F
4	1022.5	54.0	50.2	50.0	SSW	2	0	-	h	h	-	-	0.00	-	h
5	1013.3	53.6	53.0	50.7	WSW	2	0	-	h	h, h	h	-	0.00	-	H
6	1011.7	55.4	52.0	50.8	SW	2	10	Sc	o	o	h	h	0.00	h	J
7	1008.0	55.8	55.2	53.0	SSW	2	9	Sc	c	c	h	h	0.00	h	K
8	1001.9	55.0	56.4	53.4	SSW	3	8	Sc	c	c	h	h	0.00	h	K
9	1004.0	56.2	57.0	55.0	SSW	3	10	Sc	o	o	.12	.11	0.11	2.8	J
10	1010.5	55.0	53.8	52.0	SW	2	8	Ac Ci	c	c	h	h	0.11	h	K
11	1013.7	56.8	60.0	58.6	SW	3	9	Sc	c	c	-	-	0.11	-	J
12	1013.3	59.4	60.3	57.0	SW	6	10	Sc	o	o	.62	.62	0.73	15.7	K
13	1018.0	52.2	50.7	47.7	SW	1	0	-	h	h	-	-	0.73	-	K
14	1012.6	49.6	48.7	45.6	W	3	0	-	h	h	h	h	0.73	h	K
15	1007.3	53.6	54.3	52.7	SW	2	9	Sc	c	c	.07	.08	0.81	2.0	K
16	1014.0	53.6	52.5	51.5	SW	2	10	Sc	o	or, o	.13	.13	0.94	3.3	K
17	1016.0	52.2	52.7	51.0	WSW	2	10	Ac	o	o	-	-	0.94	-	K
18	1019.4	53.6	53.6	51.2	SSW	1	10	Sc	o	o	-	-	0.94	-	K
19	1017.6	54.0	56.2	53.2	SSE	2	8	Sc	c	c	-	-	0.94	-	K
20	1015.0	53.0	54.4	51.0	S	2	0	-	h	h	-	-	0.94	-	J
21	1006.3	52.8	55.2	52.0	SSE	3	0	-	h	h	.10	.10	1.04	2.54	J
22	996.8	53.6	52.2	51.7	ENE	3	10	Ns	or	c, op.	.28	.28	1.32	7.1	I
23	1007.1	52.4	52.1	51.1	N	1	10	Sc	o	o	.37	.37	1.69	9.4	I
24	1010.0	50.6	48.0	47.8	NNE	1	10	h	od	or, o, od	-	-	1.69	-	H
25	1011.7	50.4	51.8	50.5	E	1	4	Ac	h	c, h.	-	-	1.69	-	I
26	1018.8	47.5	48.7	45.5	WNE	1	6	Ac Ci	c	h, c	-	-	1.69	-	K
27	1016.7	47.0	45.0	43.5	NE	2	10	Sc	o	o	-	-	1.69	-	K
28	1016.2	48.6	47.8	46.6	NE	1	10	Sc	o	o	-	-	1.69	-	K
29	1011.0	46.4	45.7	44.2	NE	1	7	Sc Ci	c	c	.11	.11	1.80	2.8	J
30	1000.1	46.0	41.3	41.0	SSW	1	5	Ac	cl	cl	-	-	1.80	-	C
31	1001.7	44.6	38.8	38.6	SSW	2	2	Ac	h	h	.14	.14	1.94	3.6	E

1.96

1.94

194.7

Corrected Barometer

Humidity

IN
GROUND

	Bar. (mb.)	Bar. (ins.)	Atm. TA. °A.	V.P.	%	Grass Min.	1 Ft.	4 Ft.	Cloud Dir.	STATE OF GROUND	Remarks: —
1	1024.4	30.348	85.0	12.6	95	46.2	54.4	56.4	W	0	Overcast morning tending to brighten.
2	1026.4	30.318	84.4	11.8	96	34.6	54.4	56.2	NNE	0	Bright sunny calm morning, warm.
3	1031.6	30.463	84.0	10.2	87	33.8	54.3	56.0	-	0	Bright sunny morning, misty.
4	1031.2	30.451	85.2	12.3	99	37.8	54.3	56.0	-	0	Calm morning, thick fog.
5	1021.9	30.146	85.0	11.6	84	33.4	54.4	55.8	-	0	Bright sunny morning, fog early.
6	1020.1	30.123	86.0	12.1	91	38.2	54.4	55.4	SW	0	Overcast dull calm morning.
7	1016.2	30.008	86.2	12.4	86	49.2	55.0	55.6	S	0	Cloudy morning, tending to brighten.
8	1010.0	29.925	85.8	12.6	81	44.8	55.0	55.6	SW	0	Cloudy bright breezy morning.
9	1012.1	29.984	86.4	13.9	88	49.2	55.2	55.4	SW	0	Fresh breezy morning, wind rising.
10	1018.9	30.088	85.8	12.4	88	46.0	54.8	55.4	SW	0	Cloudy rather dull morning, breezy.
11	1021.9	30.141	86.8	16.2	92	51.8	55.0	55.3	WSW	1	Breezy fresh morning.
12	1021.8	30.156	88.2	14.4	80	66.2	56.6	56.2	SW	0	Fresh windy morning.
13	1026.8	30.321	84.2	9.9	79	36.0	55.3	55.3	-	0	Bright sunny calm morning.
14	1021.5	30.163	82.8	8.9	77	33.3	53.4	55.3	-	0	Bright sunny breezy morning.
15	1015.9	30.000	85.0	12.8	89	44.8	53.6	55.2	WSW	1	Cloudy rather fresh breezy morning.
16	1022.7	30.200	85.0	12.5	93	50.0	53.8	55.0	W	1	Overcast dull morning with rain during night.
17	1024.8	30.262	84.2	11.9	88	41.8	53.4	54.8	W	0	Overcast very dull morning.
18	1028.1	30.360	85.0	11.8	84	49.3	54.0	54.4	SW	0	Overcast dull calm morning.
19	1026.1	30.300	85.2	12.5	81	50.0	54.0	54.4	S	0	Cloudy bright morning, slightly breezy.
20	1023.4	30.230	84.4	11.3	78	39.4	54.2	54.4	-	0	Bright sunny calm morning.
21	1014.4	29.944	84.6	11.8	80	35.3	53.2	54.4	-	0	Fresh sunny bright morning.
22	1005.3	29.686	85.0	12.9	96	48.4	53.0	54.6	NE	1	Overcast with rain, passing showers from 4 ^h .
23	1015.8	29.994	84.3	12.3	93	45.2	52.8	54.3	N	0	Overcast dull muggy morning.
24	1018.9	30.099	82.4	11.2	93	45.2	52.4	54.2	N	1	At. dull morning, rain during night.
25	1020.6	30.138	83.2	11.9	90	34.0	52.0	54.0	E	0	Bright rather pleasant morning.
26	1028.0	30.354	81.6	8.9	76	29.3	50.4	53.8	ENE	0	Bright sunny calm morning, cold.
27	1026.0	30.294	81.3	8.9	88	30.0	49.6	53.4	NE	0	Overcast, dull but rather pleasant morning.
28	1025.4	30.290	82.2	10.2	91	44.2	49.8	53.3	ENE	0	Overcast very dull morning.
29	1020.2	30.126	81.0	9.2	88	30.0	49.3	52.0	E	0	Cloudy bright pleasant morning.
30	1009.4	29.804	80.8	8.6	98	31.2	49.0	52.8	SW	1	Cloudy morning: rain from 4 ^h - 5 ^h 42 ^m .
31	1011.2	29.861	80.0	7.8	98	29.0	48.2	52.6	SW	0	Bright morning, calm, cold.

1947.	Evening		24 hrs.		Anemometer.		Clouds.		Weather.		Temperature			
October	Bar.	°Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.		
1	1011.3	57.2	50.2	48.2	SW	2	8	Ac Sc	c	c, bc, ci	63.4	48.0	Total Rainfall 1.94 inches	
2	1010.8	58.5	48.4	44.6	S	2	0	-	bc	bc, ci	64.4	40.2	Total Sunshine 92.4 hours.	
3	1023.3	59.0	52.8	52.0	SW	2	0	-	bc	bc	64.8	38.0		
4	1018.4	58.4	52.0	51.0	SSW	2	0	-	bc	bc	69.2	42.3	max. temp. 69.2°F on 4th	
5	1011.4	59.4	51.2	49.4	NN	2	0	-	bc	bc, ci	66.8	38.0	min. temp. 31.0°F on 31st	
6	1011.0	57.2	53.8	52.8	SW	2	10	Sc	o	c, bc, ci	59.8	45.8		
7	1001.9	55.8	54.8	53.6	SW	2	10	Sc	o	o	54.2	51.8	Lowest max. temp. 50.0°F on 30th	
8	1004.9	54.2	55.2	53.4	S	3	4	Sc	c	c, bc, ci	61.3	51.2	Highest min. temp. 54.3°F on 11th	
9	1004.9	56.5	51.2	49.8	W	2	0	-	bc	cp	61.4	50.8		
10	1013.0	56.2	55.4	52.8	SW	3	0	-	bc	c	59.8	50.3	Average max. temp. 58.2°F	
11	1013.4	60.4	62.4	60.2	SW	6	10	Sc	o	c, o,	64.8	54.3	Average min. temp. 45.8°F	
12	1015.0	57.2	50.0	49.4	S	1	10	Ns	OR	o, od, or, ad	63.2	49.8		
13	1018.0	54.8	46.2	45.0	SSW	1	0	-	bc	c, bc,	59.2	42.2	mean temp for month 52.0°F	
14	1009.8	52.8	50.8	49.5	W	2	8	Sc	c	bc, ci	55.0	40.0		
15	1009.4	63.8	53.2	52.0	NW	3	10	Sc	o	ci	55.8	49.2	min. grass temp. 29.0°F on 31st	
16	1016.4	63.0	49.8	49.0	S	1	10	Sc	o	orr, o,	54.6	49.0		
17	1018.3	54.2	54.0	52.3	SW	1	10	Sc	o	o	54.2	48.8	Highest Bar. at M.S.L. 1023.3 mb. on 3rd	
18	1018.9	54.4	54.1	51.9	S	1	10	Sc	o	o	54.0	51.0	Lowest Bar. at M.S.L. 996.8 mb. on 22nd	
19	1016.4	55.8	55.6	53.0	S	4	10	Sc	o	c	60.2	52.2		
20	1011.0	54.5	49.8	48.3	SSW	2	0	-	bc	bc	58.4	48.4	Greatest Daily Rainfall 0.62 ins. on 12th	
21	1002.3	54.5	53.0	50.2	SE	4	0	-	bc	bc, ci, bc,	58.2	46.8	Greatest Daily Sunshine 9.7 hrs. on 2nd	
22	1000.3	52.4	50.4	50.0	N	3	10	Sc	o	orr, o,	54.8	49.4		
23	1010.5	52.2	48.8	48.1	NNE	2	10	Ns	od	o, or, ad.	53.2	45.0		
24	1010.0	51.8	50.8	51.2	ESE	1	8	Sc	c	odp, bc,	56.4	45.8	Snow or Sleet	
25	1015.5	49.6	46.0	45.0	ENE	1	2	Sc ci	bc,	c, bc,	54.8	45.8	Snow lying	
26	1014.3	48.6	43.4	42.0	NE	1	8	Co Ci Pa	c	c	51.2	40.4	Hail	
27	1014.8	49.4	49.3	46.8	NE	3	10	Sc	o	o	51.2	41.3	Thunder heard	
28	1014.6	48.6	44.8	45.0	NE	1	9+	Sc	c	o, ci,	50.8	46.8	Fog	
29	1005.5	44.6	46.9	45.0	E	4	10	Sc	o, od,	c, o, r,	50.5	38.5	Ground Frost	
30	999.7	46.8	39.0	38.8	E	2	10	Sc	q,	c, q,	50.0	38.8	Gale (force 8 or more)	
31	1000.6	48.2	49.5	46.8	SSW	5	10	Sc	o	bc, ci	52.4	34.0	Air Frost	
												1803.9	1419.8	

1944.

Corrected Barometer

Humidity

	Bar. (mb.)	Bar. (in.)	Alt. Th. °A.	V.P.	%	Sun- Shine.	CLOUD Dir.	STATE OF GROUND	Vis.	Remarks: —
1	1025.6	30.296	84.0	10.6	86	4.0	SW	0	K	Cloudy and dull in morning; brightening in afternoon.
2	1028.9	30.383	84.4	10.8	91	9.4	—	0	F	Bright sunny day, misty night.
3	1031.4	30.464	88.0	12.9	94	9.3	—	0	F	Bright day with uninterrupted sunshine.
4	1026.9	30.324	84.6	12.3	93	4.3	—	0	G	Fog early: becoming bright and sunny later.
5	1019.4	30.112	88.2	11.5	89	9.3	—	0	J	Bright and sunny becoming cloudy to clear night.
6	1019.2	30.094	84.0	13.2	93	1.1	S?	0	J	Mainly cloudy day: exceptional bright interval around 13h.
7	1010.2	29.831	86.2	13.5	92	0.0	S	1	J	Overcast very dull day with drizzle at intervals.
8	1012.8	29.908	84.0	13.4	90	5.3	S	1	K	Only morning with sunny periods: slight drizzle at intervals.
9	1016.1	30.005	86.6	11.6	90	3.5	—	0	K	Cloudy day with heavy passing showers.
10	1021.1	30.153	86.4	12.4	82	0.4	—	0	K	Mainly cloudy day with little sunshine.
11	1021.4	30.162	88.8	16.8	86	0.8	SW	0	K	Mainly overcast day with little sunshine.
12	1023.3	30.218	84.0	12.0	98	0.0	S	1	I	Overcast day with drizzle from 14h. on from 19h.
13	1026.5	30.312	85.4	9.6	91	6.5	—	0	K	Cloudy in later morning becoming sunny in afternoon.
14	1018.4	30.043	84.6	11.5	90	4.3	SW	0	K	Bright & sunny to cloudy day, night dull.
15	1018.3	30.040	85.1	12.4	92	0.4	N?	0	K	Mainly cloudy day with drizzle at intervals.
16	1025.1	30.241	84.4	11.5	94	0.0	S	0	K	Overcast very dull day and night.
17	1021.0	30.324	85.3	12.6	88	0.0	SW	0	K	Mainly overcast dull day.
18	1024.5	30.342	85.4	12.1	85	0.0	S	0	K	Overcast very dull calm day and night.
19	1025.0	30.368	86.2	12.6	84	1.2	S	0	K	Mainly cloudy pleasant breezy day.
20	1019.5	30.106	85.5	10.8	84	8.5	—	0	K	Bright pleasant day with uninterrupted sunshine.
21	1010.4	29.846	85.5	11.1	81	5.4	—	0	J	Bright and sunny in morning: increasing cloudiness in afternoon.
22	1008.9	29.792	84.3	11.0	95	0.0	N?	1	J	Overcast with art. rain to 16h. 42m. to overcast day.
23	1019.2	30.094	84.2	11.1	94	0.0	N?	1	I	Overcast dull day with a. from 19h. 30m.: drizzle at night.
24	1018.4	30.082	84.0	11.1	96	2.9	E	0	J	Oct. 10. dull morning: brightening in afternoon.
25	1024.5	30.254	82.8	9.4	92	2.5	N	0	J	Cloudy in morning to sunny and bright in afternoon.
26	1026.6	30.315	82.2	8.3	86	2.4	NE	0	K	Mainly cloudy day with short sunny periods.
27	1025.9	30.294	82.6	9.8	82	0.0	NE	0	K	Mainly overcast very cold dull day and night.
28	1023.8	30.233	82.2	8.9	49	0.0	E	0	J	Overcast dull day becoming cloudy around 15h.
29	1015.2	29.949	81.4	9.4	92	0.5	E	1	J.	A few sun intervals early: Rain 15h. - 19h. 30m.; cold breezy night.
30	1009.0	29.795	81.2	7.8	96	3.4	E	0	D	Mainly cloudy day with sunny periods.
31	1009.6	29.813	82.0	9.4	80	3.1	S?	0	J	Bright day becoming cloudy around 15h.

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1947.	Morning		9 hrs.		Anemometer.		Clouds.		Weather.		Rain		Total ins.	Check ins.	Vis.
November	Bar.	°F. Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Auto ins.	Check ins.			
1	994.1	51.2	56.2	54.4	SSW	6	10	Sc	o	o,od.	.06	.04	0.04	1.8	K
2	983.2	53.6	55.2	53.7	S	6	10	Sc Fe	or	o,or	.32	.32	0.39	8.1	K
3	990.5	44.8	48.8	45.0	SW	6	4	Li Co	lc	lc	.06	.04	0.46	1.8	K
4	1002.3	45.0	45.3	44.0	SW	3	3	Soli	lc	lc	-	-	0.46	-	K
5	1015.2	43.2	41.8	40.7	SW	2	1	Li	lc	lc	lc	lc	0.46	lc	H
6	1014.8	50.4	54.7	53.6	SE	2	10	Sc	o	o	.05	.06	0.52	1.5	J
7	1011.4	51.8	53.8	52.8	SW	2	10	Sc	o	o	-	-	0.52	-	J
8	1004.0	54.6	57.8	55.0	SSW	4	10	Sc	o	o	.34	.34	0.86	8.6	K
9	998.8	50.4	50.0	47.6	SW	5	3	Li	lc	b, lc.	.06	.07	0.93	1.8	K
10	1003.3	44.8	49.2	46.4	SW	3	4	Li Co	lc	lc	.49	.49	1.42	20.1	K
11	993.4	52.2	56.0	55.5	SW	4	10	Ns Fs	od	orr, od.	.32	.32	2.04	8.1	J
12	984.0	52.8	50.0	49.0	NN	2	10	Ns	or	o,orr	.04	.05	2.09	1.3	I
13	999.7	44.2	45.0	41.5	WSW	2	2	Li	lc	lc	-	-	2.09	-	K
14	1003.5	42.4	39.4	34.2	SSW	1	10	Sc	o	o	.09	.09	2.18	2.3	K
15	1002.2	38.2	36.2	33.8	WSW	2	0	-	lc	lc	-	-	2.18	-	K
16	1009.4	36.8	35.0	32.7	SW	1	2	Li Co	lc	b, lc	-	-	2.18	-	K
17	1006.1	34.2	31.7	30.2	SW	2	5	Li	c	c.	-	-	2.18	-	K
18	996.1	54.0	35.0	32.0	NE	2	10	Sc	o	o	-	-	2.18	-	K
19	996.8	38.0	38.3	34.2	NE	1	10	Sc	o	o	.18	.19	2.34	4.8	I
20	994.6	50.0	59.0	54.6	SW	6	10	Sc	o	or, o.	.09	.09	2.46	2.3	K
21	998.8	55.4	59.0	54.8	SSW	6	10	Ns Fs.	or	o, or	.46	.46	2.91	11.4	K
22	999.4	54.0	54.8	54.5	SW	2	10	Ns	or	orr	.68	.68	3.59	17.3	J.0
23	999.1	54.2	50.8	49.8	SW	5	8	Sc	c	orr, c.	.12	.12	3.71	3.1	K
24	1012.8	43.8	44.4	41.8	WSW	3	2	Sc	lc	b, lc	.12	.13	3.84	3.3	K
25	1012.9	40.5	40.0	34.4	NW	2	2	Ac Li Co	lc	lc	.06	.04	3.91	1.8	K
26	1007.8	39.2	36.0	34.1	SW	2	6	Sc An	c	c	-	-	3.91	-	K
27	1003.1	36.0	31.8	30.0	WSW	2	1	-	lc	lc	.04	.04	3.98	1.8	H
28	999.9	36.2	32.8	32.1	-	0	0	-	lc	s, lc	.03	.02	4.00	0.5	J
29	997.0	35.6	31.4	30.8	NE	1	4	Li	lc	lc	-	-	4.00	-	K
30	991.2	33.8	31.8	29.8	SSW	2	2	Li Li	lc	lc	-	-	4.00	-	K
31															

3.93

4.00

1947..	Corrected Barometer			Humidity			IN GROUND						Remarks:—
	Bar. mb.	Bar. ins.	Alt. Th. °A.	V.P.	%.	Grass Hib.	1 FT.	4 FT.	Wind Dir.	STATE of GROUND			
1	1006.2	29.713	83.4	13.8	88	44.2	48.8	52.2	SW	1			Overcast fresh windy morning
2	998.3	29.184	85.0	13.4	91	51.0	50.4	52.0	S	1			Overcast windy morning; rain from 7h.
3	999.4	29.512	81.8	8.5	72	34.4	49.8	52.0	SW	0			Bright fresh windy morning.
4	1011.6	29.843	80.2	9.2	90	34.8	48.2	52.0	SW	0			Bright breezy morning, rather cold.
5	1025.1	30.241	79.2	8.1	90	26.6	44.2	51.8	WSW	0			Bright sunny morning, calm cold.
6	1023.8	30.232	83.2	13.6	92	48.8	48.5	51.6	SE	1			Overcast morning, dull and calm.
7	1020.1	30.123	84.0	13.2	93	46.2	49.8	51.3	SW	1			Overcast morning, rain at 1h.
8	1012.2	29.890	85.6	13.5	83	50.2	51.8	51.2	SW	0			Overcast pleasant breezy morning.
9	1004.6	29.754	83.2	10.0	83	40.6	51.6	51.4	W	0			Bright sunny breezy morning; showers 4-6h.
10	1012.3	29.893	81.8	9.5	80	34.8	50.2	51.4	SW	0			Bright sunny breezy morning.
11	1001.8	29.583	84.2	14.8	96	44.8	49.8	51.6	WSW	1			A with drizzle; cat. heavy rain during night.
12	995.3	29.391	84.6	11.4	93	45.2	51.0	51.5	NNW?	1			A with heavy rain from 1st 20m.
13	1009.0	29.446	79.8	7.3	72	29.0	49.0	51.4	W	0			P. cldy bright sunny morning.
14	1013.1	29.914	78.8	6.9	86	28.0	46.8	51.4	SW	0			Overcast rather pleasant cold morning.
15	1012.4	29.896	76.4	5.5	76	19.8	45.2	51.2	-	0			Bright sunny morning, rather cold.
16	1019.7	30.112	75.4	5.3	77	20.0	43.4	51.0	SW	0			Bright sunny morning, very cold.
17	1016.8	30.026	74.2	5.0	82	17.2	41.8	50.4	W	0			Bright very cold morning.
18	1004.4	29.669	85.2	4.8	70	21.4	40.9	49.8	NE	0			Overcast rather dull calm morning
19	1007.0	29.736	76.3	7.0	90	32.8	41.2	49.1	NE	0			Overcast very dull morning.
20	1003.1	29.621	83.0	15.6	91	42.8	43.3	48.4	SW	1			Fresh windy pleasant morning.
21	1006.9	29.733	86.0	15.8	92	56.0	47.4	48.3	SW	1			Stormy morning, rain during night.
22	1004.9	29.763	83.2	14.4	98	48.4	49.0	48.4	SW?	1			Overcast morning with heavy rain
23	1004.4	29.751	84.2	11.4	93	46.0	49.4	48.4	W	1			Overcast with heavy rain early, clearing later.
24	1022.3	30.188	79.6	7.4	77	29.4	47.4	49.4	W	3			Partly cloudy breezy morning, rain at 5th 12m.
25	1023.9	30.236	74.4	6.4	79	24.8	43.4	49.2	NNW	3			Bright sunny morning, colder
26	1014.8	30.055	74.0	5.8	81	26.2	43.8	49.1	NW	1			Cloudy cold sunny morning
27	1012.6	29.932	75.2	4.9	81	10.8	42.2	48.8	-	3			Bright morning, cold with fog.
28	1010.4	29.884	75.3	5.9	93	20.1	40.8	48.6	-	4			Bright morning, sl. haze & snow on ground snow falling at
29	1007.5	29.751	75.0	5.5	93	19.9	40.0	48.0	NNE?	1			Bright sunny morning, fog in valley.
30	1001.1	29.580	74.0	4.8	79	14.8	39.0	44.6	W?	3			Bright sunny morning, very cold.
31													

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2561

1947.	Evening		21h.		Anemometer.		Clouds.		Weather.		Temperature		November, 1947
November	Bar.	# Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max.	Min.	
1	996.4	52.5	54.2	55.1	SSW	6	9r	Sc	c	od,	58.3	49.0	Total Rainfall 4.00 inches
2	983.6	48.2	45.4	43.5	SSW	2	2	Cw	h	orr, c, h,	51.8	44.6	Total Sunshine 79.7 hours
3	996.8	44.0	44.1	41.8	SSW	4	0	-	h	h, or, h,	52.8	43.2	
4	1008.6	44.0	43.3	42.8	W	2	0	-	h	h, or, c,	52.4	40.0	max. temp. 61.8°F on 20th
5	1017.0	48.6	49.8	49.0	SW	2	10	Sc	o	h, c, o,	55.2	34.0	min. temp. 26.2°F on 30th
6	1012.2	51.8	53.0	50.2	SE	3	10	Sc	o	o, c, o,	54.0	49.3	
7	1010.0	54.0	54.2	52.4	SW	2	4	Sc	h	o, c, h,	58.4	51.8	Lowest max. temp. 35.3°F on 17th
8	998.1	55.8	58.0	54.2	SW	3	10	Sc	od, or	o, or,	59.8	53.6	Highest min. temp. 56.8°F on 21st
9	995.0	50.4	47.8	46.8	SW	4	10	Ns Fo	or	h, or,	58.2	46.8	
10	1004.1	50.0	48.3	46.8	SW	2	10	Ns Fo	od	h, c, o,	54.4	43.0	Average max. temp. 50.5°F
11	984.0	55.4	54.2	56.4	SW	4	10	Ns Fo	od	o, c, h,	54.8	45.0	Average min. temp. 39.0°F
12	997.0	44.8	39.6	34.0	N	3	0	-	h	or, c, h,	54.8	38.8	
13	1003.9	45.2	34.3	36.8	SW	2	0	-	h	h,	51.2	36.8	mean temp. for month 44.8°F
14	995.3	41.6	39.6	38.2	NNW	3	0	-	h	o, c,	41.8	35.8	
15	1007.0	40.5	34.0	33.0	WSW	2	0	-	h	h, c,	44.4	29.9	min. grass temp. 10.8°F on 27th
16	1008.5	34.8	32.5	31.0	NNW	2	0	-	h	h,	41.2	28.8	
17	1000.0	36.5	32.6	32.0	SW	2	10	Sc	o	c, o,	35.3	24.2	Highest Bar. at M.S.L. 1017.0 mb. on 5th
18	994.0	36.8	33.2	32.7	SE	2	6	Sc	c	o, c,	34.4	30.8	Lowest Bar. at M.S.L. 981.1 mb. on 30th
19	995.4	38.6	44.0	43.5	SW	5	10	Ns	or	o, or,	44.2	34.3	
20	998.5	54.0	58.4	54.6	WSW	5	10	Sc	o	od,	61.8	43.8	Greatest Daily Rainfall 0.79 ins. on 10th
21	1001.5	55.4	54.3	55.1	SW	5	8	Sc	c	or, c,	61.2	56.8	Greatest Daily Sunshine 7.0 hrs. on 3rd.
22	1002.9	54.0	52.8	52.1	SW	2	9	Sc	c	or, c, h,	58.2	52.0	Weather Summary
23	1012.3	46.0	44.0	39.0	SW	2	4	Sc	h	or, c,	54.2	39.4	9 ^h 24 ^h
24	1010.0	43.8	34.2	36.6	NNW	3	1	ci	h	cp,	48.2	36.8	Snow or Sleet
25	1012.3	42.4	36.8	36.8	NW	2	9+	Sc	cd	o, cp,	44.8	34.4	Snow lying
26	1002.3	54.6	32.6	32.0	SW	2	4	Sc	c	cp,	48.4	32.2	Hail
27	1003.2	38.6	30.2	29.6	WSW	2	1	ci	h	h, s, h,	44.8	24.4	Thunder heard
28	1000.0	38.4	34.2	33.8	SW	2	10	Sc	od	h, or,	42.2	29.0	Fog
29	994.4	55.0	32.2	31.8	NE	2	8	Sc	c	h, c,	41.4	30.9	Ground Frost
30	981.1	35.2	30.2	30.4	SSW	2	0	-	h	h	40.3	26.2	Ice (frozen 8 or more)
31											151.6.9	471.6	Air Frost

1947.

Corrected Barometer

Humidity

	Bar. mb.	Bar. ins.	Alt. Th. ft.	R.P.	%	Sun- shine	Cloud Dir?	Vis.	STATE of Ground
1	1004.8	29.641	84.4	13.9	86	0.0	SW	J	1
2	991.4	29.246	82.0	8.8	85	0.0	WSW	K	0
3	1006.1	29.410	81.3	8.0	81	1.0	-	K	0
4	1018.0	30.061	81.3	9.1	96	1.8	-	K	0
5	1026.2	30.303	82.2	11.5	98	3.9	SW?	K	0
6	1020.9	30.144	84.0	11.1	81	0.4	SE	K	0
7	1018.6	30.049	85.2	12.8	90	3.4	SW	J	1
8	1006.2	29.413	86.2	15.6	95	0.0	SW	J	1
9	1003.8	29.642	83.2	10.4	92	2.8	SW	J	1
10	1012.9	29.911	83.0	10.2	88	4.2	SW	K	0
11	995.0	29.382	86.0	15.5	96	0.0	SW	J	1
12	1006.4	29.410	81.8	6.3	74	1.0	-	K	0
13	1013.4	29.926	80.3	4.2	95	6.4	-	K	0
14	1005.2	29.683	78.4	4.3	84	0.0	-	K	0
15	1016.9	30.029	74.4	5.9	90	5.3	-	K	0
16	1019.0	30.091	76.2	5.2	84	5.4	-	K	0
17	1010.4	29.834	75.5	5.8	93	0.8	SW	K	0
18	1004.1	29.651	75.4	5.1	75	0.0	E?	K	0
19	1005.8	29.701	76.4	9.4	96	0.0	SW	I	1
20	1006.8	29.730	85.2	15.8	95	0.0	W	J	1
21	1009.6	29.813	86.0	13.8	86	0.6	WSW	K	1
22	1011.4	29.864	86.0	12.9	95	1.4	SW	K	1
23	1021.7	30.140	80.8	1.2	82	1.6	WNN	K	1
24	1019.7	30.111	79.6	4.0	94	5.1	NW	K	1
25	1022.0	30.149	78.8	6.9	93	4.4	NNW?	K	1
26	1010.8	29.849	84.2	5.8	93	4.9	W	K	3
27	1013.4	29.926	76.4	5.2	92	4.4	SW	K	3
28	1010.1	29.823	76.5	6.4	96	6.3	N?	I	1
29	1003.0	29.618	85.8	5.9	96	3.9	NE	K	0
30	991.4	29.246	74.8	-	-	3.8	-	K	3
31									

Remarks: —

Overcast day with int. very light rain.
 Overcast with cont. rain to 15 h. brightening around 15^h 30^m.
 Mainly bright sunny day, sleet shower at 13 h. 30^m.
 Bright and sunny to cloudy day.
 Bright and sunny, increasing cloudiness around 13 h.
 Mainly overcast day with bright period around 15 h.
 Overcast to cloudy day, sunny in afternoon.
 O. to overcast with int. heavy rain from 14 h.
 Sunny in morning becoming cloudy in evening.
 Bright and sunny becoming cloudy: drizzle at 21 h.
 Overcast day with int. heavy rain.
 O. with rain; clearing around 13 h.: cold night.
 Bright sunny day to clear night, cold.
 Overcast day with rain from 12 h. - 14 h., cold.
 Bright & sunny to cloudy day, very cold.
 Mainly bright sunny day: very cold throughout.
 Bright in morning with increasing cloudiness in afternoon.
 Mainly overcast very dull day.
 Mainly overcast very dull day: rain from 18 h. 42^m.
 Mainly overcast day with int. very sl. drizzle.
 O. with rain (10 h. 20^m - 11 h.) to ddy in afternoon.
 O. sunny periods in afternoon, rain at night.
 O with showers to ddy day.
 Variable day with showers & sunny periods.
 Mainly bright day, hail shower 12 h. 45^m. showers in afternoon.
 Bright & sunny becoming ddy around 15 h., very sl. showers.
 Cold bright sunny day, sleet shower 14 h. 15^m.
 Mainly bright sunny day becoming overcast with rain.
 Bright & sunny, ddy around 15 h.
 Mainly bright sunny day, very cold night.

2607 79.7 11

1947.	Houming		gh.		Anemometer.		Clouds.		Weather.		Rain		Total	Rain	Vis.
December	Bar.	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Auto	Check			
1	986.4	31.2	22.0	21.4	NE	1	0	-	h	h	-	-	0.00	-	G
2	985.4	30.1	25.8	25.0	ESE	1	9	Sc, Co,	c	c	-	-	0.00	-	G
3	994.3	34.5	30.1	36.4	SSE	4	9+	Sc, Wi,	c	c	.10	.09 ✓	0.09	2.3	K
4	980.4	34.6	38.9	38.1	S'E	3	9+	Sc	c	c, p	.06	.46 ✓	0.55	11.4	J
5	941.1	39.2	40.1	39.6	EIS	4	10	Ns, Fe	orr	orr	.14	.94 ✓	1.32	24.6	I
6	983.0	40.2	41.9	40.4	NNW	3	3	Sc, Wi	h	orr, h	-	-	1.52	-	K
7	999.8	38.8	34.8	36.8	SW	1	6	Wi, Co	c	c	.13	.14 ✓	1.66	3.6	K
8	1000.4	34.4	35.5	34.8	SSW	1	2	Sc	h	h	-	-	1.66	-	K
9	1021.0	35.4	29.6	28.8	-	0	+	-	f	f	-	-	1.66	-	B
10	1021.2	38.4	41.4	39.5	SW	4	9	Co	c	c	-	-	1.66	-	K
11	1023.4	43.6	43.0	44.5	SSW	2	10	SR	o	o	-	-	1.66	-	I
12	1025.9	46.8	50.8	49.8	WSW	2	4	Sc, Wi	c	c	-	-	1.66	-	I
13	1028.4	46.2	46.1	45.6	NW	1	10	Sc	o	o	.03	.04	1.40	1.0	I
14	1028.6	45.0	44.8	44.5	N	1	10	Ns	or	od, or	.03	.02	1.42	0.5	C
15	1030.6	44.0	41.9	41.4	-	0	-	-	f	f	-	-	1.42	-	B
16	1032.4	42.8	41.8	40.6	-	0	10	Sc	o	o	-	-	1.42	-	J
17	1033.4	42.8	43.3	41.8	NW	1	10	Sc	o	o	-	-	1.42	-	K
18	1028.5	43.4	44.8	42.8	N	1	10	Sc	o	o	-	-	1.42	-	K
19	1026.4	43.5	45.4	44.0	NW	2	9+	Sc	c	o	-	-	1.42	-	K
20	1025.8	46.2	50.2	49.6	NNW	3	9+	Sc	c	c, d	-	-	1.42	-	K
21	1024.2	45.6	46.2	43.6	NW	4	9	Sc, Wi	c	c	h	h	1.42	h	K
22	1019.9	43.8	44.4	43.2	W	4	8	Sc, Wi	c	c, d	.02	.02	1.44	0.5	K
23	1016.4	45.2	43.8	42.8	NNW	3	9	Sc	c	c, r,	.05	.05	1.49	1.3	K
24	1002.9	48.6	51.1	50.5	W	4	9+	Sc, Fe	c	c, r,	.03	.03	1.82	0.8	K
25	992.4	41.4	39.1	34.5	SW	6	1	Cl, Ae	h	o, r, c	.32	.32	2.14	8.1	L
26	995.6	56.4	36.5	35.8	SW	5	9	Co, Fe, r,	c	h, h, c, p,	.23	.29	2.43	4.4	K
27	946.2	45.5	49.0	46.1	SSW	6	9+	Sc	c	o, r,	.33	.34	2.74	8.6	K
28	944.0	40.5	39.0	34.6	SSW	5	3	Cl, Fe.	h	c, p, c	.13	.13	2.90	3.3	K
29	980.8	35.0	32.1	31.4	W	5	9+	Sc	c	h, c, p, s,	.16	.16	3.06	4.1	I
30	984.2	34.0	32.4	32.0	W	2	9+	Sc	c	c, s,	-	-	3.06	-	J
31	998.0	33.8	34.0	33.0	SW	4	9	Sc, Wi, Sc	c	h, c,	.12	.12	3.18	3.0	K

2.58

8

1941.

Corrected Barometer

Humidity

IN
GROUND.

	Bar. (mb.)	Bar. (mm.)	ATT. TH. °A.	V.P.	%	GRASS Min.	1 FT.	4 FT.	CLOUD DIR ²	STATE OF GROUND	Remarks.
1	994.2	29.444	42.5	3.8	86	14.3	38.0	44.0	-	3	Bright sunny morning, very cold, severe ground frost.
2	996.2	29.418	41.9	4.1	84	15.9	34.5	46.4	NNE	3	Dullish morning, visibility patchy, fog over city & valley.
3	989.6	29.223	44.4	5.9	69	28.5	34.2	46.1	SE	4	Dull morning, snow on distant hills.
4	990.0	29.235	80.0	7.5	92	30.3	34.8	46.6	ESE	1	Dull morning, tending to brighten, showers 4h.
5	980.8	28.963	44.0	8.0	95	34.8	39.0	44.8	ENE	2	Dark rainy morning, mild, cat. rain from 1h.
6	992.4	29.314	44.5	8.1	90	30.9	40.0	45.0	N	1	Bright sunny morning, rain ceased 3h.
7	1004.8	29.819	46.8	4.0	91	28.6	40.2	44.8	SW	1	Bright sunny morning, rather cold.
8	1010.9	29.852	46.0	6.5	93	23.9	39.8	44.9	W	1	Bright morning, rather cold, fog in valley.
9	1031.4	30.466	44.9	5.0	90	21.1	39.0	44.9	-	3	Calm foggy morning, ground frost.
10	1031.5	30.460	46.5	4.4	83	33.8	38.5	44.8	W	0	Fresh lighter breezy morning.
11	1032.0	30.504	49.5	11.0	96	41.8	40.0	44.8	?	0	Very dull mild morning, windy night.
12	1035.2	30.569	81.2	11.8	93	45.8	42.4	44.3	NW	1	Cloudy rather dull mild morning.
13	1038.1	30.655	80.9	10.1	96	42.9	43.5	44.4	W	0	Very dull overcast mild morning.
14	1038.2	30.658	80.2	9.9	98	39.3	43.6	44.4	W?	1	Dull to or very dull mild morning.
15	1040.4	30.423	49.4	8.9	98	40.0	43.6	45.0	-	1	Dull foggy morning, calm, foggy night.
16	1042.4	30.491	49.0	8.1	90	39.4	43.2	45.0	?	0	Dull calm night and morning.
17	1043.4	30.812	49.0	8.3	84	39.9	43.2	45.2	?	0	Dull overcast night and morning.
18	1038.3	30.661	49.3	8.5	84	40.8	43.2	45.2	NW	0	Overcast dull mild morning.
19	1036.4	30.605	49.4	9.0	86	40.1	43.3	45.3	N	0	Mild, pleasant but rather dull morning & night.
20	1035.1	30.566	80.9	11.8	96	35.8	43.9	45.4	NNW	1	Mild, dull, probably slight drizzle, early morning.
21	1036.4	30.614	80.6	8.4	80	39.9	44.3	45.3	NW	0	Mild pleasant morning & night, breezy.
22	1029.5	30.401	49.6	8.9	90	31.5	43.9	45.5	NN	1	Bright sunny morning, breezy at. snow on hills 4-6h.
23	1026.4	30.309	80.3	8.9	92	38.1	44.1	45.6	W	1	Windy night, slight rain from 5h, fresh morning.
24	1011.9	29.881	83.2	12.2	96	44.0	45.0	45.4	W	1	Windy night, slight rain from 1h, fresh morning.
25	1003.1	29.621	48.2	6.9	86	32.1	45.2	45.8	W	1	Windy night, slight rain, shown 6h: sun & fresh morn.
26	1005.4	29.698	46.5	6.9	93	30.0	42.9	46.0	WSW	1	Showers 1h 3h 4h 5h 8h squally at. & morn. snow on hills.
27	985.2	29.100	80.5	9.2	78	38.5	42.6	45.9	WSW	1	Rain 2h - 4h Strong mild morning.
28	983.5	29.043	44.4	4.1	84	31.0	42.8	45.9	W	1	Showers 2h 3h 5h 30: 4h 20: windy bright fresh morning.
29	991.1	29.264	44.4	5.6	92	22.1	40.9	45.6	W	8	Snowstorm during at. windy, snow lying 1h.
30	999.8	29.524	44.1	5.4	92	21.9	39.9	45.4	NW	8	Slight snow showers, milder morning, calm.
31	1008.5	29.480	44.0	5.9	90	22.3	39.0	45.4	W	4	Bright breezy morning & night.

1947.

Evening

24h.

Anemometer.

Clouds.

Weather.

Temperature

Total Rainfall 1947 - 34.22 inches

December, 1947

December	Bar.	Att. Ther.	Dry.	Wet.	Dir.	Force.	Amount	Form.	At time of obs.	Since last obs.	Max	Min.	
1	983.5	32.0	22.8	22.1	SSW	1	3	Ac	bc	41	31.9	20.8	Total Rainfall 3.18 inches
2	994.5	33.4	35.8	33.8	SE	1	9+	Sc	c	c, o	31.3	20.4	Total Sunshine 21.2 hours
3	998.6	34.8	39.2	38.6	SE	1	10	Ns	od	c, o, c	42.8	35.4	
4	996.1	38.8	41.4	40.0	SE	4	10	Sc	o	c, o	41.4	34.4	Max. temp. 53.7°F on 24th
5	993.4	40.0	42.0	41.4	NB	4	10	Ns	orr	orr	42.4	39.0	Min. temp. 20.7°F on 2nd
6	993.4	42.2	42.3	41.6	NW	2	10	Sc	o	bc, c, od	48.4	40.4	
7	996.5	41.4	42.0	41.4	SW	1	10	Sc	o	c, o, orr	45.2	35.6	Lowest Max. temp. 31.9°F on 1st
8	1012.7	38.8	34.4	34.2	N	1	9	Sc	c	c, bc, c	43.3	34.0	Highest min. temp. 47.3°F on 12th
9	1022.1	36.8	40.0	38.2	SW	1	0	-	bc	c	40.8	24.8	
10	1022.2	41.4	44.8	43.0	SSW	3	10	Sc	o	bc, c	45.8	38.0	Average max. temp. 45.2°F
11	1023.4	46.4	50.8	49.8	SW	2	10	Sc	o	o	51.0	44.1	Average min. temp. 37.5°F
12	1026.9	44.0	48.3	46.4	W	1	10	Sc	o	o	51.4	44.3	
13	1028.2	45.8	45.2	44.2	WNW	1	10	Sc	o	o	49.4	44.8	Mean temp. for month 41.4°F
14	1029.0	46.0	43.4	43.5	NW	1	-	-	bc	o	46.6	43.3	
15	1030.6	43.8	42.0	41.3	-	0	10	SR	o	o	44.8	41.2	Min. grass temp. 14.3°F on 1st
16	1032.4	43.0	42.2	41.2	-	0	10	SR	o	bc, o	43.2	40.8	
17	1038.4	43.2	43.4	41.6	NNW	2	10	Sc	o	o	45.4	41.3	Highest Bar. at M.S.L. 1043.4 mb. on 17th
18	1028.5	43.5	43.0	41.4	NW	3	10	Sc	o	o	45.1	42.8	Lowest Bar. at M.S.L. 971.1 mb. on 5th
19	1024.9	45.0	44.3	46.0	WNW	2	4	Ac	c	c	49.4	42.6	
20	1029.8	46.0	46.5	45.1	NW	4	9+	Sc	c	c, c	52.4	43.9	Greatest Daily Rainfall 0.97 in. on 5th
21	1022.2	45.2	45.2	44.5	WNW	4	9	Sc	c	c	44.8	43.3	Greatest Daily Sunshine 3.3 hrs. on 6th
22	1018.0	46.0	46.8	45.8	WNW	5	9	Sc	c	cd	50.2	43.0	
23	1009.5	44.0	49.2	48.5	SW	5	10	Sc	o	c, o	49.4	43.2	Weather Summary
24	996.9	48.6	48.1	46.6	SW	6	6	Sc, Fsh	cl	o, r, c	53.4	44.4	Snow or Sleet
25	991.2	40.6	35.8	35.2	SW	4	4	Ac, Ac	cl	bc, bc, p	48.6	34.0	Snow lying
26	989.6	40.4	40.0	39.2	S	3	10	Ac	o, r, o	c, p, o	41.1	35.3	Hail
27	993.8	43.6	41.1	40.2	SW	5	8	Cl	cl, p	c, p	52.1	39.5	Thunder heard
28	980.3	38.8	32.4	29.4	W	5	bc	bc	bc	bc, bc, p	42.5	32.0	Fog
29	983.0	35.0	32.3	31.5	SW	2	4	Sc	c	c, s	36.0	29.9	Ground Frost
30	995.8	33.8	30.4	29.8	SW	2	2	Sc	bc	bc	34.3	25.9	Gale (force 8 or more)
31	993.4	36.2	34.8	34.5	SE	2	10	Sc	o	c, orr, o	40.2	28.0	Rise Frost

1002.4

1038.4

1163.0

1163.4

1941.

Corrected Barometer

Humidity

	Bar. (H.)	Bar. (in.)	Alt. Th. A.	V.P.	%	Sum- shine	Vis.	CLOUD DIR?	STATE of Ground	Remarks
1	994.3	29.362	73.0	3.4	85	1.04	F	N?	3	Mainly bright day with thick fog at intervals
2	994.8	29.376	73.8	5.4	80	0.0	J	E?	0	Dull overcast day, misty at times.
3	988.5	29.190	76.2	4.6	94	0.0	J	SE	1	Mainly cloudy very dull day, drizzle at 20h. 30m.
4	985.9	29.113	76.8	7.8	88	0.4	J	SE	1	Very dull day, sunny period around 12h.
5	983.1	29.031	77.4	8.6	95	0.0	I	E?	2	Overcast very dull day, cast. heavy rain
6	1002.9	29.615	78.7	8.6	94	3.3	K	N	1	Bright sunny morning, cloudy in afternoon, drizzle at night.
7	1006.4	29.719	78.2	8.9	94	1.2	K	SW	1	Cloudy day with little sunshine, rain 17h. 30m to 19h.
8	1022.8	30.203	76.8	4.3	95	1.8	H	N?	1	Mainly cloudy day, little sunshine, mist on distant hills.
9	1032.5	30.490	76.4	7.1	84	0.0	J	-	0	Mainly cloudy very cold day.
10	1032.1	30.478	78.2	8.7	85	1.1	K	WSW	0	Mainly cloudy day, sunny period 12h.
11	1033.0	30.504	81.0	11.8	93	0.0	K	W	1	Mainly overcast very dull day and night.
12	1036.2	30.599	81.3	10.1	88	0.2	K	W?	1	Overcast very dull day and night, mild.
13	1037.7	30.643	80.7	9.4	92	0.0	K	W	1	Mainly overcast very dull day & night, mild throughout.
14	1038.8	30.645	80.2	9.5	98	0.0	C	-	0	Overcast very dull day, foggy throughout.
15	1040.1	30.714	79.6	8.5	94	0.0	H	?	0	Dull foggy day, calm night
16	1042.3	30.749	79.1	8.3	91	0.0	J	?	0	Overcast very dull mild day and night.
17	1041.9	30.767	79.2	8.1	84	0.0	K	NW?	0	Overcast dull mild day, night breezy.
18	1037.4	30.634	79.4	8.4	89	0.0	J	N?	0	Dull overcast day & night.
19	1034.4	30.546	80.2	10.0	90	0.0	K	W	0	Cloudy very dull mild day & night.
20	1038.7	30.642	80.8	9.6	89	0.0	K	NW	0	Mild day & night, mainly overcast, dull morning with brighter spots
21	1031.7	30.466	80.3	9.6	94	0.2	K	NW	1	Cloudy day, bright periods, slight drizzle at intervals.
22	1027.3	30.336	80.8	10.0	92	0.4	K	NW	1	Fairly bright pleasant day, drizzle at intervals.
23	1018.7	30.088	81.3	11.2	95	0.3	K	W	1	Cloudy day, brighter around 12h.
24	1008.9	29.704	82.2	10.1	88	0.0	K	W?	1	Mainly overcast, clearing about 19h. fresh breezy night
25	1001.0	29.569	77.8	6.7	94	3.1	L	WSW	1	Bright sunny morning until noon, shower 12h, fresh night.
26	999.4	29.512	77.6	7.8	93	0.8	J	SW	2	Brief sunny periods, shower 11h, rain from 22h
27	982.9	29.025	79.5	8.1	92	0.9	K	SW	2	Stormy day, showers 19h, 21h, few bright periods.
28	990.2	29.241	76.8	4.3	68	3.1	L	W	1	Windy day, squally showers, dry morning, cold clear breezy night
29	993.3	29.282	77.7	5.6	91	1.3	K	W	8	Mainly cloudy day, int. showers of snow.
30	1006.5	29.722	74.0	5.3	92	1.4	K	NW	8	Mainly bright sunny day, very cold.
31	1003.6	29.630	75.3	8.2	97	0.0	J	S	4	Cloudy to overcast day, rain from 18h - 19h 45m.

2791

21.2