WB Form 1030

W.B.O., San Francisco 1-2-48—300

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

MONTHLY METEOROLOGICAL SUMMARY

120th Meridian Time

SAN FRANCISCO, CALIFORNIA

City Office: 557 Federal Office Bldg. / 50 Fulton Street

Prepared Under Direction of
E. E. EKLUND, Acting Official in Charge

December 1947

Airport Station: San Francisco Airport / One mile east of San Bruno

December was about average as to cloudiness and temperature but had less than half the normal amount of rainfall for the month. Almost all of the rain accumulated in one stormy period, December 17 to 20. Wind velocities were somewhat below average; sunshine 41% of possible, 14% below average.

Date	TEMPERATURE (°F.) City Office Maximum	City Office Minimum	City Office Mean	City Office Departure from normal	City Office Degree days	Airport Maximum	Airport Minimum	Airport Mean	Airport Departure from normal	Airport Degree days	PRECIPITATION City Office Total inches, mid. to mid.	PRECIPITATION Airport Total inches, mid. to mid.	*WIND City Office Max. velocity, mph (for 5 min.) and direction	*WIND City Office Average hourly velocity, mph	WEATHER City Office Percentage of sunshine	WEATHER City Office Standard times of Sunrise	WEATHER City Office Standard times of Sunset	WEATHER City Office Average cloudiness (scale 0 to 10)	Date
1	62	51	56	+ 3	9	57	48	52	+ 3	13	T.	T.	16 w.	8.6	100	7:06	4:52	0	1
2	69	51	60	+ 7	5	68	45	56	+ 7	9	0	0	17 n.	8.0	100	7:07	4:51	0	2
3	56	50	53	0	12	54	42	48	− 1	17	0	T.	21 w.	10.2	72	7:08	4:51	2	3
4	54	47	50	− 3	15	52	45	48	− 1	17	T.	.07	13 w.	7.6	26	7:09	4:51	7	4
5	58	44	51	− 2	14	59	37	48	− 1	17	0	0	11 nw.	4.9	72	7:10	4:51	2	5
6	55	45	50	− 3	15	52	37	44	− 5	21	0	0	9 e.	4.8	2	7:11	4:51	8	6
s7	54	45	50	− 2	15	53	35	44	− 5	21	.02	T.	18 w.	7.7	56	7:12	4:51	2	7
8	57	46	52	0	13	55	40	48	− 1	17	0	0	13 w.	6.6	66	7:13	4:51	1	8
9	56	44	50	− 2	15	52	36	44	− 4	21	0	0	18 w.	6.6	40	7:13	4:51	4	9
10	57	45	51	− 1	14	54	36	45	− 3	20	0	0	16 w.	7.2	37	7:14	4:51	8	10
11	56	44	50	− 2	15	57	40	48	0	17	T.	T.	10 n.	5.7	18	7:15	4:51	8	11
12	57	45	51	− 1	14	61	39	50	+ 2	15	0	0	10 nw.	5.3	68	7:16	4:52	3	12
13	56	45	50	− 2	15	56	38	47	− 1	18	0	0	12 n.	5.7	68	7:17	4:52	4	13
s14	61	44	52	+ 1	13	56	39	48	0	17	0	0	8 w.	3.7	5	7:17	4:52	7	14
15	55	47	51	0	14	52	42	47	− 1	18	0	T.	11 w.	4.9	1	7:18	4:52	9	15
16	54	46	50	− 1	15	54	42	48	0	17	0	T.	9 se.	4.7	1	7:19	4:53	10	16
17	56	49	52	+ 1	13	55	45	50	+ 2	15	.76	.74	20 w.	8.8	54	7:19	4:53	6	17
18	55	45	50	− 1	15	52	42	47	− 1	18	0	0	10 nw.	4.5	25	7:20	4:53	5	18
19	56	45	50	− 1	15	55	43	49	+ 1	16	.20	.13	19 se.	7.4	9	7:20	4:54	10	19
20	53	49	51	0	14	53	48	50	+ 3	15	.86	.86	19 se.	11.2	0	7:21	4:54	9	20
s21	58	49	54	+ 4	11	57	46	52	+ 5	13	T.	T.	12 w.	4.5	21	7:21	4:54	9	21
22	57	48	52	+ 2	13	55	45	50	+ 3	15	T.	T.	9 se.	4.2	0	7:21	4:54	7	22
23	56	48	52	+ 2	13	57	43	50	+ 3	15	0	0	11 n.	4.9	6	7:22	4:56	7	23
24	58	46	52	+ 2	13	58	40	49	+ 2	16	0	0	11 nw.	6.1	42	7:23	4:56	7	24
25	54	45	50	0	15	57	39	48	+ 1	17	0	0	13 n.	7.6	54	7:23	4:57	8	25
26	53	42	48	− 2	17	53	39	46	− 2	19	0	0	12 n.	6.9	54	7:24	4:57	9	26
27	49	41	45	− 5	20	49	38	44	− 3	21	0	0	13 nw.	6.3	2	7:24	4:58	10	27
s28	56	45	50	0	15	55	44	50	+ 3	15	0	T.	18 w.	7.5	74	7:24	4:58	3	28
29	56	44	50	0	15	56	36	46	− 1	19	0	0	16 n.	9.5	100	7:25	5:00	7	29
30	55	43	49	− 1	16	56	37	46	− 1	19	0	0	16 w.	7.0	100	7:25	5:00	2	30
31	52	42	47	− 3	18	51	35	43	− 4	22	0	T.	8 e.	4.5	0	7:25	5:01	10	31
Mean	56.2	45.8	51.0	−0.3	§436	55.2	40.7	48.0	+0.1	§530	§1.84	§1.67	.....	6.5	41	.....	.....	5.6	Mean
Normal	56.1	46.5	51.3	.....	§426	.....	.....	47.9	.....	.....	§3.95	§3.97	.....	7.2	55	.....	.....	6.0	Normal

DATA BELOW are for CITY OFFICE EXCEPT PRESSURE AND FLYING WEATHER which are for SAN FRANCISCO AIRPORT

Atmospheric Pressure (Airport)

(Reduced to sea-level: inches)

Mean 30.15
Highest ..... 30.41; date, 13
Lowest ..... 29.86; date, 3

Temperature

Highest ..... 62; date, 2
Lowest ..... 41; date, 27
Greatest daily range ..... 19; date, 26
Accumulated excess (+) or deficiency (−) since January 1 ..... +397
Average daily excess (+) or deficiency (−) since January 1 ..... +1.1
Highest this month since 1871 .. 74; date, 5, 1929
Lowest this month since 1871 .... 27; date, 11, 1932

Notes

§ Sum.
T. Trace, .005 inch or less.
* All wind velocities are true values.
† Also other dates.
s Opposite date indicates Sunday.
‡ Less than one-half.

* Wind

Direction	n.	ne.	e.	se.
Aver. hrly. vel.	6.7	4.0	4.5	7.4
% of hours	23	1	19	12

Direction	s.	sw.	w.	nw.	calm
Aver. hrly. vel.	4.2	4.7	8.1	7.4	0
% of hours	6	4	23	12	0

Average hourly velocity (mph) 6.5
Prevailing direction ..... west
Total movement for the month (miles) 4873
Aver. hrly. vel. (mph) (1890-1946) 7.2
Prevailing direction (1890-1946) ..... north

Weather (Number of days)

	This month	(1885-1946)
Clear (scale, 0 to 3)	11	11
Pt. cloudy (scale, 4 to 7)	8	8
Cloudy (scale, 8 to 10)	12	12

	This month	(1871-1946)
0.01 in. or more precip.	4	10
0.25 in. or more precip.	2	5

Greatest number of days this month with 0.01 in. or more of precipitation ..... 24; year, 1889
Sunshine, hours: this month 122.5; possible 297.8

Flying Weather (Airport)

Hours ceiling below 500 ft. and/or visibility less than 1 mile (from record observations) ..... 43 hrs.

Frost (1897-1945)

Average date last killing frost in spring ... Jan. 10
Latest date last killing frost in spring ..... Mar. 27
Average date first killing frost in autumn. Dec. 28
Earliest date first killing frost in autumn .. Dec. 4

Miscellaneous Phenomena

(Dates of)

Frosts: Light 0
Heavy 0
Killing 0
Auroras 0
Halos: Solar 0
Lunar 0
Hail 0
Sleet 0
Heavy fog 0
Thunderstorms 0

San Francisco, California (*city office*) PRECIPITATION

Date	Hourly Amounts A. M. 1	2	3	4	5	6	7	8	9	10	11	12	P. M. 1	2	3	4	5	6	7	8	9	10	11	12	Total
1			T.	T.	T.	T.	T.																		T.
2																									0
3																									0
4																T.	T.								T.
5																									0
6																									0
7														.02											0.02
8																									0
9																									0
10																									0
11							T.	T.	T.																T.
12																									0
13																									0
14																									0
15																									0
16																									0
17			.28	.34	.11	.01	.02																		0.76
18																									0
19																								.20	0.20
20	.12	.14	T.	.13	.09				T.	.04	.08	.19	.06	.01											0.86
21										T.	T.	T.													T.
22								T.	T.																T.
23																									0
24																									0
25																									0
26																									0
27																									0
28																									0
29																									0
30																									0
31																									0
Total	0.12	0.14	0.28	0.47	0.20	0.01	0.02	T.	T.	0.04	0.08	0.19	0.06	0.03	0.00	T.	T.	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.84

Greatest in—	This month	Years 1906-1947
5 minutes	0.14; date, 17	0.21; date, 22, 1926
10 minutes	0.24; date, 17	0.28; date, 24, 1918
15 minutes	0.32; date, 17	0.36; date, 10, 1918
30 minutes	0.42; date, 17	0.50; date, 10, 1918
1 hour	0.50; date, 17	0.70; date, 21, 1918
2 hours	0.69; date, 17	1.09; date, 21, 1918
		Years 1871-1947
24 hours	1.06; date, 19-20	3.44; date, 20-21, 1924

† Also other dates.

Excess (+) or deficiency (−) this month as compared with normal	−2.11
Seasonal precipitation, since July 1	5.32
Accumulated excess (+) or deficiency (−) since July 1	−2.58
Seasonal precipitation, since September 1	5.32
Accumulated excess (+) or deficiency (−) since Sept. 1	−2.58
Annual precipitation, since January 1	14.44
Accumulated excess (+) or deficiency (−) since January 1	−7.58
Greatest snowfall in 24 hours	0.0
Greatest snowfall in 24 hours this month since 1871	3.5
Greatest total snowfall this month since 1871	3.5

PSYCHROMETRIC DATA

Date	City Office Local noon Dry bulb	Wet bulb	Dew point	Relative humidity	Airport 4:30 a. m. Dry bulb	Wet bulb	Dew point	Relative humidity	10:30 a. m. Dry bulb	Wet bulb	Dew point	Relative humidity	4:30 p. m. Dry bulb	Wet bulb	Dew point	Relative humidity	10:30 p. m. Dry bulb	Wet bulb	Dew point	Relative humidity	Date
1	58.8	53.0	48	68	49.9	48.9	48	93	55.2	51.0	47	75	54.0	50.5	48	79	52.0	48.3	45	77	1
2	64.0	47.1	26	23	56.0	46.3	36	46	59.0	45.7	30	32	60.0	50.5	42	51	47.8	46.0	44	88	2
3	54.2	50.0	46	74	45.7	43.2	41	82	52.2	49.0	46	80	51.2	47.0	43	73	48.7	45.8	43	80	3
4	51.3	46.8	42	71	48.5	46.1	44	84	52.0	45.0	37	57	50.9	46.0	41	69	48.0	44.3	40	75	4
5	55.6	48.0	40	57	40.0	39.0	38	92	48.4	44.9	41	76	52.0	48.0	44	75	41.0	39.0	37	84	5
6	50.0	47.0	44	80	42.0	39.9	37	84	47.0	44.0	41	79	50.0	46.8	44	79	42.2	41.0	40	91	6
7	52.5	47.5	43	69	38.1	37.3	36	93	50.7	46.5	42	73	50.8	47.0	43	76	47.2	44.3	41	80	7
8	51.1	46.0	41	68	46.0	44.0	42	86	49.5	46.0	42	77	52.0	47.0	42	69	42.0	41.0	40	93	8
9	50.6	47.0	44	77	40.0	39.0	38	92	48.8	45.5	42	77	50.0	47.5	45	83	47.0	45.4	44	89	9
10	53.5	42.0	27	35	40.7	38.9	37	85	50.6	42.0	32	50	50.0	45.8	42	75	44.2	43.0	42	91	10
11	52.0	46.2	40	64	43.0	42.0	41	93	48.4	44.5	40	73	54.6	48.0	42	61	43.0	41.0	39	85	11
12	54.0	47.2	40	59	45.0	44.1	43	93	45.4	44.9	44	96	57.0	47.9	39	50	44.9	41.0	36	72	12
13	51.9	46.1	40	64	41.2	40.1	39	92	49.2	45.2	41	73	51.0	47.9	42	64	40.0	38.9	38	91	13
14	53.9	49.8	46	75	41.8	41.1	40	95	43.0	43.0	43	100	52.2	51.0	50	93	51.9	51.0	50	94	14
15	53.0	50.5	48	85	49.5	49.0	49	97	49.0	47.8	47	92	49.0	48.0	47	93	44.0	43.2	42	94	15
16	52.4	49.0	46	78	44.0	43.8	44	99	46.3	46.3	46	100	53.0	49.3	46	77	53.3	50.9	49	85	16
17	55.0	51.0	48	77	48.0	48.0	48	100	52.6	49.0	46	78	52.0	50.0	48	87	48.0	47.0	46	94	17
18	51.8	49.0	47	83	47.6	46.8	46	95	51.8	47.8	44	75	51.7	48.0	45	77	47.0	45.0	43	86	18
19	53.2	47.1	41	64	44.5	43.1	42	90	44.9	43.9	43	93	52.3	47.2	42	68	54.4	47.2	40	58	19
20	50.0	50.0	50	100	55.0	49.0	48	94	50.0	49.3	49	96	52.0	50.0	48	87	48.8	48.0	47	94	20
21	54.0	51.0	48	82	50.2	49.2	48	93	52.0	50.5	49	90	54.9	52.0	50	83	51.0	49.2	48	88	21
22	54.0	51.0	49	82	47.0	47.0	47	100	49.0	48.0	47	93	54.0	51.0	48	81	49.1	48.0	47	92	22
23	53.8	49.3	45	73	46.1	45.0	44	93	49.8	47.8	46	87	54.9	50.3	46	73	47.0	46.2	45	94	23
24	53.2	49.0	45	74	43.0	42.2	41	94	46.8	45.0	43	87	57.1	51.0	46	66	48.0	45.0	42	80	24
25	51.5	46.5	42	69	43.1	41.2	39	86	47.2	44.0	41	78	52.3	48.0	44	73	46.0	44.0	42	85	25
26	51.0	46.0	41	68	41.2	40.4	40	94	45.9	43.2	40	81	52.9	48.0	43	70	44.2	43.0	42	91	26
27	47.5	44.0	40	76	42.1	41.1	40	92	43.5	41.5	39	85	47.4	45.0	43	83	46.0	44.8	44	92	27
28	56.0	48.5	42	58	46.0	45.0	44	93	53.0	48.9	45	74	53.9	48.8	44	70	48.1	43.0	37	66	28
29	53.1	43.1	31	42	42.1	39.0	35	76	47.4	42.0	35	63	52.8	46.0	39	59	45.8	40.8	35	65	29
30	51.1	40.0	24	33	43.9	37.2	28	52	48.8	43.5	38	66	51.8	44.5	36	53	43.1	40.6	38	81	30
31	49.4	43.1	36	60	37.1	36.0	35	90	44.0	41.6	39	82	50.9	44.1	36	58	48.4	45.8	43	83	31
Mean	53.0	47.5	42	67	44.6	43.0	41	89	49.1	45.7	42	79	52.6	48.1	44	73	46.8	44.6	42	84	Mean
Normal	54.5	48.9	43	68																	Normal

Ceiling and Visibility Frequencies for December 1947

(Based on Hourly Record Observations)

Weather Bureau Airport Stations

Ca

SAN FRANCISCO AIRPORT

Visibility (miles)	CEILING (feet) 0	100–200	300–400	500–900	1000–1900	2000–2900	3000–4900	5000–9500	Over 9500	Total
0 to 1/8	24	0	0	0	0	0	0	0	1	24
3/16 to 3/8	1	0	0	0	0	0	0	0	3	1
1/2 to 3/4	1	3	4	1	0	0	0	0	3	12
1 to 2 1/2	0	0	3	14	3	0	0	1	38	59
3 to 6	0	0	0	9	12	9	1	0	146	177
7 to 15	0	0	3	10	42	22	11	3	335	426
20 to 30	0	0	0	0	0	0	0	0	45	45
35 or more	0	0	0	0	0	0	0	0	0	0
Total	26	3	10	34	57	31	12	4	567	744

OAKLAND AIRPORT

Visibility (miles)	CEILING (feet) 0	100–200	300–400	500–900	1000–1900	2000–2900	3000–4900	5000–9500	Over 9500	Total
0 to 1/8	24	4	0	0	0	0	0	0	1	28
3/16 to 3/8	4	2	1	0	0	0	0	0	0	7
1/2 to 3/4	0	4	3	2	1	0	0	1	2	13
1 to 2 1/2	0	1	0	7	6	0	0	2	49	65
3 to 6	0	1	0	3	20	11	4	6	154	199
7 to 15	0	0	0	0	8	25	22	10	294	359
20 to 30	0	0	0	0	1	0	3	1	68	73
35 or more	0	0	0	0	0	0	0	0	0	0
Total	28	12	4	12	36	36	29	20	567	744

COMPARATIVE DATA FOR THIS MONTH FROM THE RECORDS OF PREVIOUS YEARS

SAN FRANCISCO CITY OFFICE

	Temperature Mean	Highest	Lowest	Precipitation Total	Greatest in 24 Hours		Temperature Mean	Highest	Lowest	Precipitation Total	Greatest in 24 Hours		Temperature Mean	Highest	Lowest	Precipitation Total	Greatest in 24 Hours		Temperature Mean	Highest	Lowest	Precipitation Total	Greatest in 24 Hours
1871	52.9	62	42	**14.36**	3.14	1891	49.6	64	37	5.62	2.21	1911	51.7	71	39	2.54	0.66	1931	49.4	60	39	9.24	**2.69**
1872	52.1	62	41	5.95	2.33	1892	51.1	64	38	5.08	2.34	1912	51.6	67	41	1.30	0.59	1932	47.4	65	**27**	2.75	1.07
1873	50.7	59	44	9.72	2.33	1893	52.4	72	37	2.25	0.97	1913	50.6	66	41	5.41	1.14	1933	50.5	64	39	4.19	**1.43**
1874	50.3	62	40	0.33	0.15	1894	49.7	61	40	9.01	1.64	1914	48.7	67	41	5.49	1.59	1934	52.9	69	42	4.06	1.51
1875	51.4	65	39	4.15	1.50	1895	48.6	60	39	1.43	0.51	1915	52.2	66	36	6.42	3.40	1935	52.8	63	43	3.25	1.33
1876	53.0	64	**42**	**0.00**	**0.00**	1896	52.8	64	42	4.34	1.65	1916	48.9	62	37	4.79	1.30	1936	51.6	67	40	2.94	1.06
1877	52.7	64	42	2.66	1.11	1897	50.7	63	39	1.22	1.02	1917	54.6	68	43	0.72	0.67	1937	54.8	69	42	3.73	**1.93**
1878	51.6	68	40	0.58	0.33	1898	49.7	66	33	1.62	0.70	1918	50.2	64	38	2.62	1.49	1938	53.6	67	43	1.48	0.70
1879	50.0	64	34	4.46	1.55	1899	49.6	63	37	2.65	1.17	1919	48.8	62	37	3.21	1.09	1939	55.3	69	44	1.05	0.24
1880	53.2	61	42	12.33	2.36	1900	50.2	63	40	1.37	0.74	1920	51.0	61	42	7.48	2.02	1940	55.4	71	42	6.25	1.20
1881	51.0	63	43	3.85	1.35	1901	52.9	72	41	0.90	0.34	1921	52.9	66	44	6.39	2.04	1941	53.4	68	41	7.29	**1.96**
1882	52.8	65	34	2.01	0.76	1902	50.6	62	39	2.32	0.85	1922	50.6	61	41	7.77	1.81	1942	52.1	68	43	2.87	1.21
1883	50.8	62	40	0.92	0.28	1903	52.4	66	42	1.63	1.06	1923	51.0	65	42	1.91	1.18	1943	53.6	68	45	2.09	1.17
1884	52.8	64	40	7.68	2.07	1904	50.6	61	38	1.59	0.57	1924	47.8	62	36	7.37	**3.44**	1944	54.2	68	45	3.97	1.31
1885	54.0	67	44	4.99	2.78	1905	50.7	67	39	2.05	0.65	1925	52.7	70	40	1.01	0.50	1945	52.8	68	41	9.84	**3.14**
1886	53.6	66	43	2.07	1.10	1906	49.6	61	40	6.90	2.47	1926	51.5	68	39	1.04	0.35	1946	51.4	64	41	2.77	1.26
1887	52.2	69	40	3.34	1.14	1907	52.4	68	41	3.66	0.96	1927	51.8	72	43	3.94	0.91	1947	51.0	69	41	1.84	**1.06**
1888	53.2	65	43	5.80	1.51	1908	47.0	61	35	2.15	0.99	1928	49.6	63	36	4.89	**1.40**	.....	....	..	..	....	....
1889	51.3	63	40	13.81	1.46	1909	49.2	63	38	5.59	1.41	1929	54.2	**74**	39	3.09	1.29	.....	....	..	..	....	....
1890	49.8	60	39	3.25	1.90	1910	53.0	68	43	1.73	0.99	1930	52.1	63	39	0.98	1.32	.....	....	..	..	....	....

Extremes in comparative table in **bold face** type.

LOCATION OF STATIONS AND INSTRUMENTS

	CITY OFFICE	AIRPORT
Latitude	37° 47′ N.	37° 37′ N.
Longitude	122° 25′ W.	122° 23′ W.
Elevation of ground	52 feet above sea level	1 foot above sea level
Elevation of rain gage	104 feet above ground	38 feet above ground
Elevation of wind instruments	132 feet above ground	70 feet above ground
Elevation of thermometers	112 feet above ground	37 feet above ground

Ca

SUPPLEMENTARY DATA FOR SAN FRANCISCO AIRPORT STATION

Date	Prevailing wind direction	Maximum velocity (mph) and direction from §	Peak gusts recorded			Hours of fog per day		Average cloudiness (scale 0-10)
			Velocity (m.p.h.)	Direction from	Time (P.M. in bold face)	Light (and moderate)	Heavy	
1	nw.	30 wnw.	33	wnw.	**3:38**	..	..	4
2	n.	23 nnw.	26	nnw.	4:30	..	..	1
3	w.	31 w.	36	w.	**4:06**	..	..	5
4	e.	20 ne.	..	.....	.....	..	..	9
5	nw.	14 wnw.	..	.....	.....	..	..	3
6	nw.	12 wnw.	..	.....	.....	..	..	7
7	nw.	26 wnw.	..	.....	.....	..	..	1
8	nw.	17 wnw.	..	.....	.....	..	..	2
9	nw.	.. ..	..	.....	.....	..	..	4
10	w.	.. ..	..	.....	.....	..	..	6
11	ne.	10 ne.	..	.....	.....	..	..	8
12	s.	8 ese.	..	.....	.....	6	..	5
13	nw.	12 wnw.	..	.....	.....	..	..	3
14	nw.	20 wnw.	..	.....	.....	1	7	9
15	nw.	16 wnw.	..	.....	.....	8	4	9
16	sw.	17 ssw.	26	ssw.	**11:38**	1	11	10
17	w.	34 w.	37	w.	8:07	..	..	6
18	ne.	18 ene.	..	.....	.....	..	..	5
19	se.	19 s.	24	se.	**9:35**	5	..	10
20	se.	22 ese.	..	.....	.....	..	..	8
21	w.	9 nne.	..	.....	.....	..	..	8
22	se.	12 e.	..	.....	.....	3	3	8
23	se.	12 e.	..	.....	.....	..	..	4
24	se.	14 se.	..	.....	.....	7	1	4
25	se.	14 ene.	..	.....	.....	..	..	8
26	se.	12 nne.	..	.....	.....	..	..	7
27	se.	10 nne.	..	.....	.....	4	..	9
28	w.	28 w.	30	w.	**1:33**	3	..	5
29	nw.	22 nnw.	28	nnw.	**2:18**	..	..	0
30	nw.	20 wnw.	..	.....	.....	..	..	1
31	e.	12 se.	..	.....	.....	..	..	10

TEMPERATURE

Highest temperature	68, date, 2
Lowest temperature	35, date, 7
Greatest daily range	23, date, 2

WIND

Average hourly wind velocity (mph)	7.8
Prevailing wind direction	nw
Total movement (from dial readings) (miles)	5,820
Maximum velocity for month (for one minute§)	34 w., date, 17

WEATHER (Number of days)

Clear	7
Partly cloudy	12
Cloudy	12
With .01 inch or more precipitation	4
With .25 inches or more precipitation	2
Greatest 24-hour precipitation	0.86, date, 19-20
Average daily cloudiness	5.8

§ One-minute maximum wind velocity from anemograph record.