WB Form 1080 W.B.O., San Francisco, 1-4-46—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
C. E. NORQUEST, Senior Meteorologist

December 1945

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

December brought variety in weather. The first moderate storm of the month, December 3-4, brought a peak wind of 31 mph, as well as a brief fall of hail associated with a thunderstorm. Thunder was also heard on the 5th and 22d. In the second week, there followed a period of cool weather and variable cloudiness with light frost on the 13th and the month's low temperature of 41° on the 14th. The last two weeks of the month brought heavy storms with copious amounts of rainfall, particularly on the 27th, on which both moderate and heavy rain boosted the 24 hour total to more than three inches. These storms brought the monthly total to 9.84 inches, not only the greatest December total since 1889, but more than twice the 4.36 inch average for December. The seasonal total since July 1st, 15.07 inches, is the greatest recorded since the 24.00 inches of 1889. The greatest 24 hour rainfall of 3.14 inches on the 26-27th nearly equalled the normal total for the whole month, 3.95 inches.

The month closed with two days of clear, fine weather and the high temperature for the month, 68°, on the 30th, established a new record for that date and made this the fifth successive December with a 68° maximum temperature. The mean temperature for the month, 52.8, was 1.5° above normal and the average cloudiness, 7.2, exceeded the 6.0 December average.

Date	TEMPERATURE (°F.) City Office Maximum	Minimum	Mean	Departure from normal	Degree days	Airport Maximum	Minimum	Mean	Departure from normal	Degree days	PRECIPITATION City Office Total inches, mid. to mid.	Airport Total inches, mid. to mid.	*WIND City Office Max. velocity, and direction miles per hour	Average hourly velocity, mph	WEATHER City Office Percentage of sunshine	Standard times of Sunrise	Sunset	Average cloudiness (scale 0 to 10)	Date
1	58	47	52	− 1	13	57	43	50	+ 1	15	0	0	9 n.	4.2	42	7:08	4:51	9	1
s2	55	47	51	− 2	14	58	40	49	0	16	0	0	11 se.	5.2	63	7:09	4:50	10	2
3	61	52	56	+ 3	9	62	46	54	+ 5	11	.04	T.	18 se.	8.5	0	7:10	4:50	10	3
4	60	50	55	+ 2	10	60	49	54	+ 5	11	1.24	1.56	29 se.	11.9	13	7:10	4:50	9	4
5	58	49	54	+ 1	11	58	49	54	+ 5	11	1.13	.46	16 w.	9.0	43	7:11	4:50	7	5
6	59	49	54	+ 1	11	56	43	49	0	16	0	T.	11 se.	4.5	55	7:12	4:50	5	6
7	57	49	53	+ 1	12	56	42	49	0	16	.02	.02	13 nw.	7.2	99	7:13	4:50	6	7
8	54	46	50	− 2	15	53	38	46	− 3	19	0	0	11 n.	6.5	100	7:14	4:50	4	8
s9	58	46	52	0	13	60	36	48	0	17	0	0	10 w.	3.6	87	7:15	4:50	4	9
10	56	47	52	0	13	56	39	47	− 1	18	0	0	10 n.	5.0	0	7:16	4:51	10	10
11	54	47	50	− 2	15	55	45	50	+ 2	15	0	.01	22 w.	10.2	76	7:16	4:51	5	11
12	55	44	50	− 2	15	54	36	45	− 3	20	0	0	9 n.	5.4	100	7:17	4:51	1	12
13	52	43	48	− 4	17	53	30	42	− 6	23	0	0	10 ne.	5.5	98	7:18	4:51	2	13
14	50	41	46	− 6	19	49	31	40	− 8	25	0	T.	9 n.	4.3	31	7:19	4:51	9	14
15	47	44	46	− 6	19	48	42	45	− 3	20	.19	.06	11 e.	5.8	0	7:19	4:51	10	15
s16	55	46	50	− 1	15	54	42	48	0	17	0	0	9 e.	5.0	100	7:20	4:52	1	16
17	56	46	51	0	14	56	39	48	0	17	0	0	11 n.	5.6	45	7:20	4:52	8	17
18	54	46	50	− 1	15	53	42	48	0	17	0	0	10 n.	5.0	0	7:21	4:53	10	18
19	53	44	48	− 3	17	52	37	44	− 4	21	0	T.	9 n.	4.7	36	7:22	4:53	7	19
20	56	46	51	0	14	56	44	50	+ 3	15	.19	.34	17 se.	7.0	0	7:23	4:53	10	20
21	61	54	58	+ 8	7	61	53	57	+10	8	1.41	1.73	25 s.	13.2	0	7:24	4:54	10	21
22	60	53	56	+ 6	9	62	55	58	+11	7	.64	.53	19 sw.	12.2	3	7:24	4:54	9	22
s23	58	52	55	+ 5	10	59	50	54	+ 7	11	.02	.10	26 w.	9.8	56	7:24	4:55	9	23
24	57	51	54	+ 4	11	59	50	54	+ 7	11	.79	.56	26 sw.	13.3	9	7:24	4:56	9	24
25	56	52	54	+ 4	11	57	51	54	+ 7	11	.33	.19	17 sw	10.5	0	7:25	4:57	10	25
26	57	52	54	+ 4	11	58	54	56	+ 9	9	.11	.03	15 sw.	7.1	0	7:25	4:57	10	26
27	58	52	55	+ 5	10	60	53	56	+ 9	9	3.11	.95	17 se.	10.1	0	7:25	4:57	10	27
28	61	54	58	+ 8	7	64	54	59	+12	6	.53	.06	15 sw.	6.2	1	7:26	4:58	10	28
29	64	56	60	+10	5	64	53	58	+11	7	.09	.01	8 n.	4.0	44	7:26	4:59	7	29
s30	68	49	58	+ 8	7	59	42	56	+ 9	9	0	0	10 w.	3.1	100	7:26	4:59	0	30
31	60	48	54	+ 4	11	61	42	52	+ 5	13	0	0	13 w.	4.3	100	7:27	5:00	1	31
Mean	57.0	48.5	52.8	+1.5	§380	57.4	44.2	50.8	+2.9	§441	§9.84	§6.61	.....	7.0	42	.....	.....	7.2	Mean
Normal	56.1	46.5	51.3	.....	§426	.....	.....	47.9	.....	.....	§3.95	§3.95	.....	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 30.08
Highest ..... 30.30; date, 9
Lowest ..... 29.46; date, 22

Temperature

Highest ..... 68; date, 30
Lowest ..... 41; date, 14
Greatest daily range ..... 19; date, 30
Accumulated excess (+) or deficiency (−) since January 1 ..... +210
Average daily excess (+) or deficiency (−) since January 1 ..... +0.6
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.	5.8	5.5	4.5	9.1
% of hours	21	1	20	18

Direction	s.	sw.	w.	nw.	calm
Aver. hrly. vel.	7.3	11.0	8.0	6.0	1.0
% of hours	8	11	13	6	2

Average hourly velocity (mph) 7.0
Prevailing direction ..... north
Total movement for the month (miles) 5229
Aver. hrly. vel. (mph) (1890-1944) 7.2
Prevailing direction (1890-1944) ..... north

Weather (Number of days)

	This month	(1885-1944)
Clear (scale, 0 to 3)	5	11
Pt. cloudy (scale, 4 to 7)	8	8
Cloudy (scale, 8 to 10)	18	12

	This month	(1871-1944)
0.01 in. or more precip.	15	10
0.25 in. or more precip.	8	5

Greatest number of days this month with 0.01 in. or more of precipitation ..... 24; year, 1889
Sunshine, hours: this month 124.7; possible 296.6

Flying Weather (Airport)

Hours ceiling below 500 ft. and/or visibility less than 1 mile (from record observations) ..... 20 hrs.

Frost (1897-1944)

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 13
Heavy 0
Killing 0
Auroras 0
Halos: Solar 2, 8, 10, 14, 17, 18, 23
Lunar 13, 18
Hail 4
Sleet 0
Heavy fog 0
Thunderstorms 4, 5, 22

San Francisco, California (*city office*) **DECEMBER 1945**

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																									0
2																									0
3											T.			T.	T.	.03	.01	T.							0.04
4					.02	.24	.23	.19	.22	.23				.65	.01	.01	.01	T.	.02			T.	.01		1.24
5			.04	.19	.26	.51	.11	T.						.01			T.	.01							1.13
6																									0
7				T.	.01	.01																			0.02
8																									0
9																									0
10																									0
11																									0
12																									0
13																									0
14																									0
15									.03	.05	.02		T.	.01	.01	.01	T.	.03	.03	T.					.19
16																									0
17																									0
18																									0
19																									0
20			T.	.01			.02	T.		.02	T.			T.	.03	T.	T.	.01	T.	T.	T.	.03	T.	.07	0.19
21	T.	.08	.15	T.	T.	.01	.09	.13	.01	.08	.16	.28	.10	.01	.02	T.	T.	T.	.13	.06	.06	.03	.01		1.41
22										T.			T.	.16	.08	.29	T.					T.	.01	.10	0.64
23	T.	T.	.02																						0.02
24			.04	T.				.06	.01	.02	.07	.01		.14	.29	.06	.04	.01	T.				.01	.03	0.79
25	.02	.02	.01	.02	.01	T.						.01	.04	.09	.04	.03	.01				T.	.01	.02		0.33
26											.01	.01	.04	.01	.01									.03	0.11
27	.07	.08	.10	.14	.19	.28	.31	.29	.32	.36	.20	.10	.11	.10	.13	.09	.05	.07	.02	.03	.04	.03	T.	T.	3.11
28	.04	T.	.07	.08	.12	.03	.04	.02	.01	.01	.03				.01	T.	T.	.01	T.	T.	.02	.03	.01	T.	0.53
29	.01	T.	T.	T.	.01	.04	.03																		0.09
30																									0
31																									0
Total	0.14	0.18	0.43	0.44	0.62	1.12	0.83	0.69	0.60	0.77	0.49	0.41	0.29	0.58	0.63	0.52	0.12	0.14	0.20	0.09	0.12	0.13	0.07	0.23	9.84

Greatest in—	This month	Years 1906-1945
5 minutes	0.10; date, 5	0.21; date, 22, 1913
10 minutes	0.15; date, 5	0.28; date, 24, 1940
15 minutes	0.17; date, 5	0.36; date, 10, 1906
30 minutes	0.32; date, 5	0.50; date, 10, 1906
1 hour	0.51; date, 5	0.70; date, 21, 1924
2 hours	0.77; date, 5	1.09; date, 21, 1924
		Years 1871-1945
24 hours	3.14; date, 26-27	3.44; date, 20-21, 1924

† Also other dates.

Excess (+) or deficiency (−) this month as compared with normal	+5.89
Seasonal precipitation, since July 1	15.07
Accumulated excess (+) or deficiency (−) since July 1	+7.17
Sensonal precipitation, since September 1	15.07
Accumulated excess (+) or deficiency (−) since Sept. 1	+7.20
Annual precipitation, since January 1	24.95
Accumulated excess (+) or deficiency (−) since January 1	+2.93
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	52.4	49.1	46	79	44.4	44.0	44	97	51.0	48.5	46	84	55.8	48.9	42	61	45.5	44.2	43	91	1
2	55.0	48.0	41	60	45.3	44.9	45	97	50.0	46.0	42	74	54.0	49.5	45	72	49.7	47.7	46	87	2
3	60.4	49.1	38	43	56.3	47.4	38	51	57.4	49.3	42	56	60.0	50.4	42	51	57.5	49.1	41	54	3
4	58.9	54.2	51	74	57.9	49.0	40	52	52.9	52.0	51	94	52.2	50.0	48	86	52.0	48.5	45	78	4
5	56.4	54.2	53	87	50.0	49.0	48	93	56.8	52.1	48	73	53.2	50.0	47	80	53.0	51.0	49	87	5
6	54.2	50.2	47	75	45.3	44.8	44	96	53.7	49.8	46	76	54.2	51.0	48	81	51.9	50.4	49	90	6
7	55.7	47.4	39	53	50.8	49.0	48	89	53.7	48.4	43	68	54.2	48.1	42	64	46.2	43.8	41	84	7
8	51.3	44.3	36	57	43.0	41.0	39	85	49.1	44.0	38	66	50.9	45.1	39	63	41.8	40.1	38	87	8
9	55.0	46.5	38	52	40.3	39.7	39	95	52.2	45.0	37	56	52.2	47.0	42	68	45.4	42.2	39	77	9
10	54.0	47.2	40	59	40.4	39.3	38	91	51.8	46.2	40	65	53.8	47.6	41	62	48.4	45.3	42	79	10
11	54.1	48.1	42	64	47.7	45.9	44	88	52.0	47.6	43	72	50.1	46.1	42	74	48.4	44.5	40	74	11
12	50.0	42.8	34	55	37.9	36.3	34	86	49.2	44.0	38	66	53.4	45.8	36	52	40.0	38.4	36	87	12
13	49.9	42.0	32	50	35.7	35.0	34	94	45.7	39.6	32	57	52.9	44.2	34	48	37.0	36.2	35	93	13
14	49.5	42.8	35	57	34.0	33.6	33	96	45.0	41.1	36	72	47.0	43.8	40	77	46.0	43.0	40	78	14
15	46.2	43.0	39	76	44.5	42.0	39	81	46.0	44.0	42	86	44.9	43.4	42	89	44.8	43.0	41	87	15
16	51.6	45.7	40	65	45.1	42.9	41	84	48.8	44.6	40	72	53.2	48.0	43	68	44.5	43.0	41	88	16
17	54.3	47.6	41	61	42.9	41.7	40	91	49.3	46.0	43	78	53.0	48.3	44	71	48.6	46.4	44	85	17
18	52.3	45.6	39	59	48.9	45.2	41	75	49.5	45.0	40	71	51.1	47.0	43	74	45.8	44.3	43	89	18
19	51.8	45.9	40	63	39.9	38.9	38	93	48.0	43.8	39	72	49.0	45.4	42	76	46.4	44.1	42	84	19
20	50.0	47.0	44	80	45.6	43.9	42	87	47.6	45.4	44	86	50.0	46.6	43	77	53.8	53.0	52	95	20
21	56.3	56.0	56	98	57.0	55.5	54	91	55.0	54.3	54	96	61.1	57.8	56	82	57.8	56.2	55	91	21
22	58.0	54.7	52	81	57.3	54.9	53	86	60.2	56.8	55	82	57.8	55.5	54	87	57.2	55.0	53	87	22
23	58.3	53.7	50	75	55.4	49.3	44	65	57.9	54.1	51	78	56.5	53.0	50	80	50.7	49.0	48	88	23
24	54.0	51.0	48	81	52.2	49.9	48	85	54.0	49.5	46	73	55.2	54.9	55	98	55.1	54.7	54	97	24
25	53.8	51.8	50	88	52.1	51.4	51	95	54.0	50.8	48	80	55.0	53.0	52	88	56.8	54.5	53	86	25
26	57.0	55.6	55	92	55.4	54.0	53	92	57.8	54.1	51	79	56.2	53.2	51	82	57.0	53.1	50	77	26
27	55.5	55.3	55	99	54.9	53.5	52	92	55.0	54.1	53	94	59.0	56.2	54	84	59.7	57.5	56	88	27
28	60.0	59.2	59	95	57.3	56.5	56	95	61.0	58.4	57	86	60.0	58.0	57	88	58.7	58.0	58	96	28
29	60.8	58.2	56	85	56.1	55.3	55	95	56.3	56.0	56	98	62.0	59.0	57	84	53.0	53.0	53	100	29
30	59.0	52.5	47	65	45.3	45.3	45	100	54.8	51.6	49	81	66.1	57.0	50	57	50.9	49.1	48	88	30
31	52.5	50.3	43	71	48.1	47.0	46	92	49.0	48.9	49	100	57.1	54.0	52	82	48.9	48.1	47	94	31
Mean	52.8	49.6	43	71	48.0	46.0	44	87	52.4	48.7	45	77	54.6	50.2	46	74	50.3	48.1	46	86	Mean
Normal	54.5	48.9	43	68																	Normal

Ceiling and Visibility Frequencies for December 1945

(Based on Hourly Record Observations)

Weather Bureau Airport Stations

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	3	0	0	0	0	0	0	0	8	11
3/16 to 3/8	0	1	0	0	0	0	0	0	2	3
1/2 to 3/4	0	0	0	0	1	0	0	0	2	3
1 to 2 1/2	0	0	2	3	5	1	1	0	5	17
3 to 6	0	0	1	11	47	10	3	12	74	158
7 to 15	0	0	0	1	70	47	26	31	277	452
20 to 30	0	0	0	0	4	10	3	13	70	100
35 or more	0	0	0	0	0	0	0	0	0	0
Total	3	1	3	15	127	68	33	56	438	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	2	0	0	0	0	0	0	0	4	6
3/16 to 3/8	0	0	0	0	0	0	0	0	3	3
1/2 to 3/4	0	0	2	2	2	0	1	0	2	9
1 to 2 1/2	0	0	0	3	12	2	0	0	7	24
3 to 6	0	0	0	6	36	20	6	10	118	196
7 to 15	0	0	0	1	60	65	27	39	224	416
20 to 30	0	0	0	0	2	2	3	14	67	88
35 or more	0	0	0	0	0	0	0	0	2	2
Total	2	0	2	12	112	89	37	63	427	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	1890	49.8	60	39	3.25	1.90	1909	49.2	63	38	5.59	1.41	1928	49.6	63	36	4.89	1.40
1872	52.1	62	41	5.95	2.33	1891	49.6	64	37	5.62	2.21	1910	53.0	68	43	1.73	0.99	1929	54.2	**74**	39	3.09	1.29
1873	50.7	59	44	9.72	2.33	1892	51.1	64	38	5.08	2.34	1911	51.7	71	39	2.54	0.66	1930	52.1	63	39	0.98	1.32
1874	50.3	62	40	0.33	0.15	1893	52.4	72	37	2.25	0.97	1912	51.6	67	41	1.30	0.59	1931	49.4	60	39	9.24	2.69
1875	51.4	65	39	4.15	1.50	1894	49.7	61	40	9.01	1.64	1913	50.6	66	41	5.41	1.14	1932	47.4	65	**27**	2.75	1.07
1876	53.0	64	42	**0.00**	**0.00**	1895	48.6	60	39	1.43	0.51	1914	48.7	67	41	5.49	1.59	1933	50.5	64	39	4.19	1.43
1877	52.7	64	42	2.66	1.11	1896	52.8	64	42	4.34	1.65	1915	52.2	66	36	6.42	3.40	1934	52.9	69	42	4.06	1.51
1878	51.6	68	40	0.58	0.33	1897	50.7	63	39	1.22	1.02	1916	48.9	62	37	4.79	1.30	1935	52.8	63	43	8.25	1.33
1879	50.0	64	34	4.46	1.55	1898	49.7	66	38	1.62	0.70	1917	54.6	68	43	0.72	0.67	1936	51.6	67	40	2.94	1.06
1880	53.2	61	42	12.33	2.36	1899	49.6	63	37	2.65	1.17	1918	50.2	64	38	2.62	1.49	1937	54.8	69	42	8.73	1.93
1881	51.0	63	43	3.85	1.35	1900	50.2	63	40	1.37	0.74	1919	48.8	62	37	3.21	1.09	1938	53.6	67	43	1.48	0.70
1882	52.8	65	34	2.01	0.76	1901	52.9	72	41	0.90	0.34	1920	51.0	61	42	7.48	2.02	1939	55.3	69	44	1.05	0.24
1883	50.8	62	40	0.92	0.28	1902	50.6	62	39	2.32	0.85	1921	52.9	66	44	6.39	2.04	1940	55.4	71	42	6.25	1.20
1884	52.8	64	40	7.68	2.07	1903	52.4	66	42	1.63	1.06	1922	50.6	61	41	7.77	1.81	1941	53.4	68	41	7.29	1.96
1885	54.0	67	44	4.99	2.78	1904	50.6	61	38	1.59	0.57	1923	51.0	65	42	1.91	1.18	1942	52.1	68	43	2.87	1.21
1886	53.6	66	43	2.07	1.10	1905	50.7	67	39	2.05	0.65	1924	47.8	62	36	7.37	**3.44**	1943	53.6	68	45	2.69	1.17
1887	52.2	69	40	3.34	1.14	1906	49.6	61	40	6.90	2.47	1925	52.7	70	40	1.01	0.50	1944	54.2	68	45	3.97	1.31
1888	53.2	65	43	5.80	1.51	1907	52.4	68	41	3.66	0.96	1926	51.5	68	39	1.04	0.35	1945	52.8	68	41	9.84	3.14
1889	51.3	63	40	13.81	1.46	1908	47.0	61	35	2.15	0.99	1927	51.8	72	43	3.94	0.91	.....	....	....	....	.....	.....

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

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	ne.	9 ne	..	.....	.....	6	..	10
2	s.	12 ese.	..	.....	.....	4	3	7
3	se.	25 sse.	..	.....	.....	..	..	10
4	w.	32 se.	47	se.	4:37	..	..	10
5	w.	35 wsw.	44	wsw.	6:10	..	..	8
6	se.	12 ese.	..	.....	.....	..	.	5
7	nw.	22 wnw.	..	.....	.....	1	..	7
8	nw.	12 ne.	..	.....	.....	..	..	6
9	nw.	13 wnw.	..	.....	.....	..	..	3
10	se.	11 ne.	..	.....	.....	..	..	8
11	nw.	34 wnw.	38	wnw.	10:16	..	..	6
12	w.	18 nw.	..	.....	.....	..	..	1
13	sw.	21 se.	..	.....	.....	4	..	3
14	e.	15 ene.	..	.....	.....	..	..	6
15	e.	20 ene.	..	.....	.....	..	..	9
16	e.	18 e.	..	.....	.....	..	..	4
17	se.	13 ene.	..	.....	.....	..	..	9
18	s.	17 ene.	..	.....	.....	..	..	10
19	se.	17 e.	..	.....	.....	..	..	7
20	s.	16 nne.	..	.....	.....	5	..	10
21	sw.	45 ssw.	54	ssw.	**12:48**	..	..	10
22	w.	38 w.	40	sw.	**3:48**	..	..	8
23	w.	44 w.	48	w.	**3:14**	..	..	6
24	se.	42 sw.	52	wsw.	**4:47**	..	..	10
25	w.	28 wsw.	33	wsw.	**5:15**	..	..	10
26	sw.	27 ssw.	36	ssw.	**10:49**	..	..	10
27	s.	30 s.	43	s.	**11:50**	..	..	10
28	sw.	14 wsw.	..	.....	.....	1	..	10
29	nw.	10 ene.	..	.....	.....	15	2	9
30	nw.	24 wnw.	..	.....	.....	3	6	1
31	nw.	18 wnw.	..	.....	.....	11	3	2

TEMPERATURE

Highest temperature ..... 69, date, 30
Lowest temperature ..... 30, date, 13
Greatest daily range ..... 27, date, 30

WIND

Average hourly wind velocity (mph) 8.0
Prevailing wind direction ..... nw.
Total movement (from dial readings) (miles) 5962
Maximum velocity for month ..... 45 ssw., date, 21

Number of days:

Clear 5
Partly cloudy 9
Cloudy 17
With .01 inches or more precipitation 15
With .25 inches or more precipitation 7

Greatest 24-hour precipitation ..... 1.91, date, 21
Average daily cloudiness 6.2

† One-minute maximum wind from anemoscope record.