WB Form 1080

W.B.O., San Francisco 12-2-47—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

November 1947

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

Although relatively cool, November was dry and sunny, with slightly less than average wind movement. Two brief storms, netting rainfall of 0.35″ on the 1st, and 1.00″ on the 15th, accounted for most of the rain. The low temperature of 43° on the 23d is the lowest recorded so far this season.

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, mph (for 5 min.) and direction	Average hourly velocity, mph	WEATHER City Office Percentage of sunshine	Standard times of Sunrise	Sunset	Average cloudiness (scale 0 to 10)	Date
1	60	55	58	− 1	7	60	52	56	+ 1	9	.35	.24	29 w.	12.6	39	6:36	5:11	8	1
82	62	52	57	− 2	8	61	46	54	− 1	11	0	0	13 w.	7.8	75	6:37	5:10	6	2
3	64	52	58	0	7	62	48	55	0	10	0	0	17 w.	7.3	92	6:38	5:09	6	3
4	62	52	57	− 1	8	61	49	55	0	10	T.	.02	19 w.	10.2	45	6:39	5:08	6	4
5	62	49	56	− 2	9	61	45	53	− 1	12	0	0	15 n.	9.3	100	6:40	5:07	0	5
6	64	52	58	0	7	64	43	54	0	11	0	0	12 n.	7.7	100	6:41	5:06	2	6
7	66	51	58	0	7	64	42	53	− 1	12	0	0	14 w.	5.2	100	6:42	5:05	1	7
8	65	51	58	0	7	63	44	54	0	11	0	0	15 w.	6.8	100	6:43	5:04	1	8
89	65	52	58	0	7	64	47	56	+ 2	9	0	0	19 nw.	10.3	100	6:44	5:03	0	9
10	67	52	60	+ 3	5	66	41	54	+ 1	11	0	0	14 n.	5.0	100	6:44	5:03	1	10
11	62	47	54	− 3	11	59	43	51	− 2	14	0	T.	16 w.	8.0	81	6:46	5:02	3	11
12	62	54	58	+ 1	7	62	47	54	+ 1	11	0	0	20 nw.	12.2	100	6:47	5:01	1	12
13	56	49	52	− 5	13	57	41	49	− 4	16	0	T.	17 w.	6.9	31	6:48	5:00	10	13
14	58	50	54	− 3	11	57	44	50	− 2	15	T.	0	13 w.	6.6	52	6:49	4:59	6	14
15	55	49	52	− 4	13	56	50	53	+ 1	12	1.00	.68	14 se.	6.3	0	6:50	4:59	10	15
s16	58	47	52	− 4	13	57	44	50	− 2	15	0	T.	16 w.	5.8	80	6:51	4:58	6	16
17	56	47	52	− 4	13	55	42	48	− 4	17	0	T.	8 nw.	4.1	0	6:52	4:57	8	17
18	59	46	52	− 4	13	58	43	50	− 2	15	0	0	10 w.	4.6	61	6:53	4:57	4	18
19	63	50	56	0	9	61	41	51	− 1	14	0	0	18 n.	8.8	100	6:55	4:56	0	19
20	59	46	52	− 3	13	58	38	48	− 3	17	0	0	13 sw.	5.3	100	6:56	4:56	0	20
21	55	45	50	− 5	15	55	37	46	− 5	19	0	0	13 w.	5.1	83	6:57	4:55	2	21
22	58	45	52	− 3	13	56	36	46	− 5	19	0	0	14 w.	6.3	60	6:58	4:55	7	22
s23	58	43	50	− 5	15	60	33	46	− 5	19	0	0	9 w.	4.2	100	6:59	4:54	1	23
24	58	44	51	− 4	14	61	36	48	− 3	17	0	0	11 nw.	5.0	88	7:00	4:54	2	24
25	54	47	56	+ 1	9	61	39	50	0	15	0	0	9 n.	5.1	78	7:01	4:53	4	25
26	69	50	60	+ 6	5	63	42	52	+ 2	13	0	0	6 nw.	3.8	78	7:02	4:53	4	26
27	68	52	60	+ 6	5	65	44	54	+ 4	11	0	0	7 n.	3.4	36	7:03	4:53	8	27
28	65	50	58	+ 4	7	62	47	54	+ 4	11	0	0	11 w.	5.0	7	7:04	4:52	10	28
29	61	50	56	+ 2	19	61	43	52	+ 2	13	0	0	11 sw.	6.1	22	7:04	4:52	10	29
s30	58	51	54	0	11	58	51	54	+ 4	11	.04	.02	12 w.	6.3	0	7:05	4:52	10	30
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
Mean	61.8	49.3	55.3	−1.0	§291	60.3	43.3	51.8	−0.5	§400	§1.39	§0.96	.....	6.7	67	.....	.....	4.6	Mean
Normal	63.2	50.4	56.3	.....	§242	.....	.....	52.3	.....	.....	§2.35	§1.56	.....	7.0	63	.....	.....	4.6	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 30.12
Highest ..... 30.37; date, 7
Lowest ..... 29.90; date, 13

Temperature

Highest ..... 69; date, 26
Lowest ..... 43; date, 23
Greatest daily range ..... 19; date, 26
Accumulated excess (+) or deficiency (−) since January 1 ..... +407
Average daily excess (+) or deficiency (−) since January 1 ..... +1.2
Highest this month since 1871 .. 83; date, 16, 1895
Lowest this month since 1871 ... 38; date, 27, †1896

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.	7.4	3.9	4.1	5.0
% of hours	23	3	6	6

Direction	s.	sw.	w.	nw.	calm
Aver. hrly. vel.	3.6	6.5	7.7	8.0	1.0
% of hours	8	5	35	13	1

Average hourly velocity (mph) 6.7
Prevailing direction ..... west
Total movement for the month (miles) 4832
Aver. hrly. vel. (mph) (1890-1946) 7.0
Prevailing direction (1890-1946) ..... west

Weather (Number of days)

	This month	(1885-1946)
Clear (scale, 0 to 3)	13	13
Pt. cloudy (scale, 4 to 7)	9	9
Cloudy (scale, 8 to 10)	8	8

	This month	(1871-1946)
0.01 in. or more precip.	3	7
0.25 in. or more precip.	2	1

Greatest number of days this month with 0.01 in. or more of precipitation ..... 21; year, 1885
Sunshine, hours: this month 204.7; possible 304.3

Flying Weather (Airport)

Hours ceiling below 500 ft. and/or visibility less than 1 mile (from record observations) ..... 33 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 17, 18
Thunderstorms 0

San Francisco, California (*city office*) PRECIPITATION

Date	Hourly Amounts																								Total
	A. M.												P. M.												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1			.03	.08	.07	.05	.01	.09						T.	.02										0.35
2																									0
3																									0
4							T.	T.	T.	T.	T.	T.	T.	T.											T.
5																									0
6																									0
7																									0
8																									0
9																									0
10																									0
11																									0
12																									0
13																									0
14																				T.	T.	T.	T.	T.	T.
15	T.	.02	.08	.08	.12	.31	.22	.09	.02	.01	T.	T.	.02	.01	T.	.01	.01								1.00
16																									0
17																									0
18																									0
19																									0
20																									0
21																									0
22																									0
23																									0
24																									0
25																									0
26																									0
27																									0
28																									0
29																									0
30							.02	T.	.01	.01															0.04
..																									
Total	T.	0.02	0.11	0.16	0.19	0.36	0.25	0.18	0.03	0.02	T.	T.	0.02	0.01	0.02	0.01	0.01	0.00	0.00	T.	T.	T.	T.	T.	1.39

Greatest in—	This month	Years 1906-1947
5 minutes	0.07; date, 15	0.33; date, 1, 1926
10 minutes	0.12; date, 15	0.51; date, 4, 1918
15 minutes	0.14; date, 15	0.65; date, 4, 1918
30 minutes	0.20; date, 15	0.81; date, 4, 1918
1 hour	0.33; date, 15	0.92; date, 4, 1918
2 hours	0.63; date, 15	0.95; date, 4, 1918
		Years 1871-1947
24 hours	1.00; date, 15	3.98; date, 23, 1874

† Also other dates.

Excess (+) or deficiency (−) this month as compared with normal	−0.96
Seasonal precipitation, since July 1	3.48
Accumulated excess (+) or deficiency (−) since July 1	−0.47
Seasonal precipitation, since September 1	3.48
Accumulated excess (+) or deficiency (−) since Sept. 1	−0.47
Annual precipitation, since January 1	12.60
Accumulated excess (+) or deficiency (−) since January 1	−5.47
Greatest snowfall in 24 hours	0.0
Greatest snowfall in 24 hours this month since 1871	0.0
Greatest total snowfall this month since 1871	0.0

PSYCHROMETRIC DATA

Date	City Office				Airport																Date
	Local noon				4:30 a. m.				10:30 a. m.				4:30 p. m.				10:30 p. m.				
	Dry bulb	Wet bulb	Dew point	Relative humidity	Dry bulb	Wet bulb	Dew point	Relative humidity	Dry bulb	Wet bulb	Dew point	Relative humidity	Dry bulb	Wet bulb	Dew point	Relative humidity	Dry bulb	Wet bulb	Dew point	Relative humidity	
1	58.4	53.0	49	70	56.1	55.0	54	93	56.0	53.0	51	82	56.0	51.9	48	76	54.2	50.0	46	75	1
2	60.0	50.0	40	48	50.0	46.3	42	75	57.2	48.8	41	54	58.0	52.3	48	69	53.0	50.0	47	81	2
3	62.6	55.2	50	63	49.2	47.8	47	94	58.4	53.0	49	70	57.0	53.8	51	82	53.4	50.6	48	82	3
4	59.5	56.2	54	81	53.8	52.0	50	88	58.5	55.0	52	81	55.0	50.5	46	73	50.0	46.0	42	74	4
5	57.8	45.1	30	34	46.9	42.1	36	67	55.0	46.0	36	49	56.0	48.8	42	61	49.2	44.6	40	69	5
6	60.0	48.0	35	39	46.0	42.8	39	76	54.9	48.2	42	61	58.5	50.5	43	57	51.2	45.8	40	65	6
7	62.1	50.1	39	42	47.1	43.3	39	74	58.0	49.9	42	56	59.0	50.8	43	56	49.4	45.9	42	76	7
8	60.5	49.5	39	44	44.0	43.1	42	93	55.0	50.5	47	73	59.0	50.7	43	56	50.4	47.9	46	83	8
9	62.8	48.0	31	30	52.0	45.4	38	59	59.0	45.0	27	29	61.8	50.6	40	44	55.4	43.6	27	33	9
10	64.0	49.4	32	30	46.0	41.0	35	65	60.0	49.0	38	44	59.0	51.0	44	57	50.0	48.4	47	89	10
11	60.3	50.4	41	49	49.0	48.1	47	94	53.0	50.0	47	80	55.0	50.2	46	71	56.2	45.8	34	43	11
12	60.0	46.1	30	30	55.0	44.0	30	39	56.8	45.0	31	37	61.0	47.6	32	34	50.0	41.6	31	47	12
13	55.5	51.0	47	74	47.0	42.0	36	65	52.0	48.3	45	77	54.8	52.2	50	85	48.6	46.8	45	88	13
14	55.3	50.1	45	69	45.8	46.0	44	95	53.0	50.6	49	85	53.0	48.9	45	75	51.9	48.0	44	76	14
15	53.0	52.5	53	96	50.0	48.5	47	90	52.0	51.0	50	94	55.0	54.0	53	94	53.9	53.0	52	95	15
16	53.5	50.5	48	80	52.5	50.0	48	85	55.8	50.5	46	69	51.6	49.0	47	83	45.0	44.6	44	97	16
17	54.4	51.2	49	81	44.3	44.1	44	99	47.5	47.0	47	98	53.4	50.8	49	83	47.0	46.8	47	99	17
18	57.2	52.2	48	72	45.0	45.0	45	100	48.0	48.0	48	100	54.4	49.8	46	72	49.0	47.0	45	87	18
19	59.3	47.0	33	37	46.4	43.0	39	76	55.3	45.5	34	45	57.8	49.2	41	53	44.0	40.8	37	76	19
20	55.0	46.1	36	49	41.8	39.2	36	80	50.0	46.0	42	74	53.0	47.8	43	68	45.8	44.8	44	93	20
21	53.5	48.5	44	70	40.0	39.4	39	95	49.3	46.0	43	78	51.7	47.3	43	72	44.0	42.5	41	89	21
22	51.1	40.0	24	33	40.0	37.3	34	78	49.1	39.0	24	36	54.2	42.6	27	34	43.4	41.7	40	87	22
23	55.1	44.0	30	38	36.2	35.9	35	97	48.5	43.0	37	64	57.4	45.0	30	34	43.0	39.2	35	73	23
24	55.2	46.5	37	50	40.4	38.6	36	86	50.3	45.0	39	65	54.8	47.0	39	55	44.6	40.2	35	68	24
25	60.0	48.0	35	39	41.1	39.8	38	89	52.0	46.0	40	63	59.0	49.4	40	49	49.0	44.8	40	72	25
26	63.0	52.0	42	46	46.2	42.6	38	73	57.0	49.0	41	56	61.0	51.2	42	50	50.2	45.2	40	68	26
27	64.5	53.0	43	45	47.4	45.7	44	88	57.5	51.3	46	65	61.0	52.2	45	55	55.2	49.2	44	65	27
28	60.5	54.0	49	65	48.5	46.6	45	88	55.9	51.9	49	77	55.5	53.0	51	85	50.0	49.1	48	93	28
29	55.1	52.0	50	81	45.1	44.6	44	97	52.0	50.2	49	88	58.0	54.0	51	77	56.0	53.0	51	83	29
30	58.0	53.0	49	72	54.0	52.5	51	91	54.1	53.0	52	94	56.0	52.3	49	76	52.8	52.0	51	95	30
..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Mean	58.2	49.8	41	55	46.9	44.4	41	83	54.0	48.5	43	68	56.6	50.1	44	65	49.9	46.3	42	77	Mean
Normal	60.7	52.3	44	60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Normal

Ceiling and Visibility Frequencies for November 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	12	0	0	0	0	0	0	0	2	14
3/16 to 3/8	0	3	1	0	0	0	0	0	0	4
1/2 to 3/4	1	1	1	2	0	0	0	0	5	10
1 to 2 1/2	2	0	2	5	6	0	0	3	45	63
3 to 6	0	0	1	3	14	1	6	0	132	157
7 to 15	0	0	0	7	21	17	15	1	315	376
20 to 30	0	0	0	0	0	0	0	0	96	96
35 or more	0	0	0	0	0	0	0	0	0	0
Total	15	4	5	17	41	18	21	4	595	720

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	19	0	0	0	0	0	0	0	1	20
3/16 to 3/8	2	1	0	0	0	0	0	0	0	3
1/2 to 3/4	1	1	1	3	0	0	0	0	9	15
1 to 2 1/2	0	1	2	7	6	1	1	0	65	83
3 to 6	0	0	1	12	11	8	5	0	135	167
7 to 15	0	0	0	11	20	13	8	2	273	327
20 to 30	0	0	0	0	2	0	0	0	99	101
35 or more	0	0	0	0	0	0	0	0	4	4
Total	22	3	4	33	39	17	14	2	586	720

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	55.1	78	45	2.81	1.24	1891	58.6	78	47	0.56	0.26	1911	57.3	77	42	0.60	0.45	1931	54.4	80	39	2.93	2.05
1872	56.0	67	44	2.79	2.06	1892	56.9	78	42	3.91	1.45	1912	56.6	68	46	1.94	0.94	1932	60.6	82	49	1.00	0.61
1873	57.7	72	47	1.16	0.80	1893	55.6	74	44	4.18	1.69	1913	55.2	72	46	6.22	2.21	1933	60.0	80	46	**0.00**	**0.00**
1874	56.1	69	44	6.55	**3.98**	1894	59.4	70	46	0.88	0.88	1914	59.0	77	45	0.70	0.35	1934	58.5	75	49	3.76	1.44
1875	57.4	68	49	7.27	2.37	1895	56.2	**83**	42	1.78	1.06	1915	56.1	75	45	0.92	0.66	1935	54.8	71	42	1.24	1.08
1876	58.0	70	50	0.25	0.19	1896	53.4	66	38	4.56	2.79	1916	54.4	73	44	1.50	0.76	1936	58.0	78	45	0.01	0.01
1877	57.2	69	49	1.57	0.56	1897	53.1	68	44	1.05	0.42	1917	58.7	72	48	0.81	0.40	1937	58.2	74	49	2.46	0.65
1878	57.1	68	47	0.57	0.45	1898	55.4	78	43	0.46	0.36	1918	55.6	72	45	5.60	2.25	1938	56.8	73	44	0.88	0.50
1879	55.0	65	45	4.03	1.38	1899	56.8	65	43	3.79	1.51	1919	56.0	73	**39**	0.44	0.44	1939	59.2	78	49	0.20	0.20
1880	54.2	75	41	0.33	0.32	1900	56.3	79	45	3.91	1.66	1920	55.4	69	45	2.70	0.66	1940	57.0	73	47	2.22	1.06
1881	56.1	66	44	1.94	1.34	1901	57.2	75	49	3.48	1.59	1921	57.8	79	45	1.43	0.85	1941	58.4	78	46	1.99	0.61
1882	53.2	64	45	4.18	2.41	1902	54.8	67	45	1.98	1.39	1922	54.3	65	43	3.77	2.09	1942	56.0	75	46	4.45	2.44
1883	54.1	67	44	1.60	1.01	1903	56.6	67	46	4.25	2.39	1923	60.8	78	51	0.49	0.29	1943	59.0	75	48	0.80	0.56
1884	57.4	70	50	0.26	0.19	1904	58.0	74	49	1.07	0.56	1924	56.7	73	46	1.50	0.86	1944	55.7	66	48	6.24	1.53
1885	57.8	70	50	**11.78**	2.58	1905	56.2	74	44	0.92	0.33	1925	56.6	66	47	2.32	0.52	1945	61.4	82	47	3.24	0.77
1886	56.8	75	45	0.84	0.77	1906	55.4	77	40	1.59	0.67	1926	60.9	79	49	7.21	1.75	1946	54.6	68	45	2.73	1.74
1887	56.4	74	42	0.99	0.48	1907	57.8	78	45	0.04	0.02	1927	58.1	77	44	3.18	1.36	1947	55.3	69	43	1.39	1.00
1888	57.0	74	47	3.99	1.68	1908	55.4	74	44	1.34	0.70	1928	56.4	70	45	3.35	1.48	....	....	..	..	....	....
1889	58.6	77	47	2.90	0.92	1909	54.8	74	43	2.43	0.97	1929	59.7	82	46	**0.00**	**0.00**	....	....	..	..	....	....
1890	59.0	78	46	**0.00**	**0.00**	1910	54.8	76	44	0.48	0.27	1930	58.0	79	45	1.56	1.04	....	....	..	..	....	....

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	nw.	42 wnw.	47	wnw.	**3:45**	..	..	7
2	nw.	22 wnw.	25	wnw.	**4:16**	..	..	5
3	nw.	27 wnw.	..	.....	.....	..	..	5
4	nw.	29 wnw.	34	wnw.	**4:40**	..	..	7
5	nw.	22 wnw.	..	.....	.....	..	..	0
6	nw.	18 w.	..	.....	.....	..	..	3
7	ne.	19 wnw.	..	.....	.....	..	..	2
8	nw.	29 wnw.	30	wnw.	**8:35**	..	..	1
9	nw.	30 wsw.	33	w.	**10:42**	..	..	1
10	nw.	19 wnw.	..	.....	.....	..	..	1
11	nw.	30 wnw.	..	.....	.....	4	..	2
12	n.	30 n.	34	n.	**4:29**	..	..	0
13	w.	28 w.	..	.....	.....	..	..	5
14	w.	22 w.	..	.....	.....	..	..	6
15	se.	19 se.	..	.....	.....	16	..	10
16	nw.	20 nw.	..	.....	.....	..	..	7
17	nw.	13 wnw.	..	.....	.....	1	..	8
18	nw.	18 wnw.	..	.....	.....	8	9	7
19	n.	26 n.	..	.....	.....	4	8	0
20	w.	21 w.	..	.....	.....	..	..	3
21	w.	20 w.	..	.....	.....	..	..	1
22	w.	15 wnw.	..	.....	.....	..	..	4
23	w.	9 w.	..	.....	.....	..	..	0
24	w.	16 wnw.	..	.....	.....	..	..	4
25	ne.	11 nne.	..	.....	.....	..	..	3
26	se.	8 ne.	..	.....	.....	..	..	3
27	w.	9 w.	..	.....	.....	..	..	7
28	nw.	12 wnw.	..	.....	.....	..	..	9
29	w.	14 sw.	..	.....	.....	..	..	6
30	w.	18 w.	..	.....	.....	3	..	10
.....	.....	.. ..	..	.....	.....	..	..	..

TEMPERATURE

Highest temperature ..... 66, date, 10
Lowest temperature ..... 33, date, 23
Greatest daily range ..... 27, date, 23

WIND

Average hourly wind velocity (mph) 8.0
Prevailing wind direction ..... nw
Total movement (from dial readings) (miles) 5,731
Maximum velocity for month (for one minute§) ..... 42 wnw., date, 1

WEATHER (Number of days)

Clear 14
Partly cloudy 12
Cloudy 4
With .01 inch or more precipitation 4
With .25 inches or more precipitation 1
Greatest 24-hour precipitation ..... 0.68, date, 15
Average daily cloudiness 4.3

§ One-minute maximum wind velocity from anemograph record.