WB Form 1080 W.B.O., San Francisco, 11-3-47—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
C. E. NORQUEST, Senior Meteorologist

October 1947

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

October was warm and wet, temperatures averaging 1.5° above normal. The three stormy periods netted 2.09 inches of rain, almost twice the normal, and the greatest October rainfall since 1924. Cloudiness was somewhat more than average, and wind nearly average. Fog on the morning of the 24th slowed traffic in the area.

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	67	54	60	− 1	5	69	56	62	+ 3	3	T.	T.	21 w.	10.9	70	6:05	5:54	6	1
2	71	54	62	+ 1	3	71	53	62	+ 3	3	T.	T.	17 w.	6.7	57	6:06	5:52	8	2
3	78	59	68	+ 7	0	82	55	68	+ 9	0	0	0	17 w.	5.2	100	6:07	5:51	0	3
4	78	53	66	+ 5	0	82	53	68	+ 9	0	0	0	16 w.	7.5	89	6:08	5:49	2	4
s5	62	53	58	− 3	7	68	51	60	+ 1	5	0	T.	17 sw.	10.4	9	6:08	5:48	10	5
6	63	53	58	− 3	7	67	49	58	− 1	7	0	0	20 w.	10.2	56	6:10	5:46	4	6
7	63	57	60	− 1	5	63	52	58	− 1	7	.09	.08	20 sw.	9.3	19	6:11	5:44	9	7
8	67	56	62	+ 1	3	67	48	58	− 1	7	0	0	14 w.	4.8	51	6:12	5:43	7	8
9	65	56	60	− 1	5	66	48	57	− 2	8	.82	.69	18 s.	8.8	5	6:12	5:42	10	9
10	68	56	62	+ 1	3	68	55	62	+ 4	3	.16	.26	19 sw.	8.9	21	6:14	5:40	9	10
11	69	56	62	+ 1	3	68	51	60	+ 2	5	0	0	17 w.	9.0	100	6:14	5:39	0	11
s12	83	64	74	+13	0	81	64	72	+14	0	0	0	15 nw.	9.4	100	6:15	5:37	3	12
13	76	62	69	+ 8	0	76	58	67	+ 9	0	0	0	21 sw.	7.5	100	6:17	5:36	0	13
14	68	60	64	+ 3	1	69	57	63	+ 5	2	0	0	17 sw.	9.7	90	6:17	5:34	4	14
15	67	56	62	+ 1	3	67	52	60	+ 2	5	.01	.02	20 sw.	9.8	67	6:18	5:33	7	15
16	67	57	62	+ 1	3	66	57	62	+ 4	3	.44	.44	21 s.	11.3	55	6:18	5:32	6	16
17	71	55	63	+ 2	2	71	50	60	+ 2	5	0	0	15 w.	5.9	71	6:20	5:30	3	17
18	73	55	64	+ 4	1	71	50	60	+ 2	5	0	0	14 w.	6.1	79	6:21	5:29	3	18
s19	71	56	64	+ 4	1	71	51	61	+ 4	4	0	T.	19 w.	6.0	71	6:23	5:27	4	19
20	65	56	60	0	5	65	55	60	+ 3	5	.03	.02	17 w.	9.1	47	6:23	5:26	6	20
21	65	56	60	0	5	65	54	60	+ 3	5	0	.05	13 w.	8.0	55	6:24	5:25	3	21
22	61	54	58	− 2	7	60	48	54	− 3	11	T.	0	19 w.	7.8	44	6:26	5:23	8	22
23	69	52	60	0	5	67	46	56	− 1	9	0	T.	11 w.	4.4	55	6:26	5:22	6	23
24	72	56	64	+ 4	1	74	49	62	+ 5	3	0	0	16 w.	6.4	61	6:27	5:21	6	24
25	73	54	64	+ 4	1	71	52	62	+ 6	3	0	0	14 w.	6.7	88	6:28	5:20	4	25
s26	64	54	59	− 1	6	64	49	56	0	9	0	T.	19 w.	8.3	60	6:30	5:18	6	26
27	61	53	57	− 3	8	61	52	56	0	9	T.	T.	16 w.	9.2	18	6:31	5:17	9	27
28	60	54	57	− 2	8	61	49	55	− 1	10	.37	.22	15 se.	6.6	0	6:31	5:16	10	28
29	66	55	60	+ 1	5	65	56	60	+ 4	5	.17	.15	15 sw.	8.9	43	6:32	5:15	8	29
30	68	54	61	+ 2	4	64	50	57	+ 1	8	0	0	10 w.	5.0	67	6:33	5:14	8	30
31	70	55	62	+ 3	3	67	47	57	+ 2	8	0	0	13 s.	5.7	100	6:35	5:12	1	31
Mean	68.4	55.6	62.0	+1.5	§110	68.6	52.2	60.4	+2.7	§157	§2.09	§1.93	.....	7.9	60	.....	.....	5.5	Mean
Normal	67.3	53.7	60.5	.....	§140	.....	.....	57.7	.....	.....	§1.12	§0.76	.....	7.8	70	.....	.....	4.3	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 30.00
Highest ..... 30.17; date, 21
Lowest ..... 29.71; date, 16

Temperature

Highest ..... 83; date, 12
Lowest ..... 52; date, 23
Greatest daily range ..... 25; date, 4
Accumulated excess (+) or deficiency (−) since January 1 ..... +437
Average daily excess (+) or deficiency (−) since January 1 ..... +1.4
Highest this month since 1871 .. 96; date, 3, 1917
Lowest this month since 1871 .... 43; date, 31, 1935

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.	8.4	3.8	4.4	6.3
% of hours	5	1	4	7

Direction	s.	sw.	w.	nw.	calm
Aver. hrly. vel.	7.1	10.1	8.2	7.8	1.0
% of hours	15	15	48	3	2

Average hourly velocity (mph) 7.9
Prevailing direction ..... west
Total movement for the month (miles) 5845
Aver. hrly. vel. (mph) (1890–1946) 7.8
Prevailing direction (1890–1946) ..... west

Weather (Number of days)

	This month	(1885–1946)
Clear (scale, 0 to 3)	9	16
Pt. cloudy (scale, 4 to 7)	12	9
Cloudy (scale, 8 to 10)	10	6

	This month	(1871–1946)
0.01 in. or more precip.	8	4
0.25 in. or more precip.	3	1

Greatest number of days this month with 0.01 in. or more of precipitation ..... 6; year, 1940
Sunshine, hours: this month 207.4; possible 347.5

Flying Weather (Airport)

Hours ceiling below 500 ft. and/or visibility less than 1 mile (from record observations) ..... 16 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 2
Lunar 0
Hail 0
Sleet 0
Heavy fog 24
Thunderstorms 0

San Francisco, California (*city office*) **PRECIPITATION** OCTOBER 1947

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	T.	T.																							T.
3																									0
4																									0
5																									0
6																									0
7				T.	T.	.01	.01	T.			.01	.01	.01	.01	.03	T.									0.09
8																									0
9									T.	T.		T.	T.	.05	.04	.26	.27	.03	.02	.02	.10	.02	T.	.01	0.82
10	T.														.02	.03	.01	.02	.05	.01	.01	T.	T.	.01	0.16
11																									0
12																									0
13																									0
14																									0
15																								.01	0.01
16	T.	.02	.07	.04	.03	.03	.10	.03	.06	.06															0.44
17																									0
18																									0
19																									0
20							T.	T.	.01	T.	.02											T.	T.		0.03
21																									0
22					T.	T.																			T.
23																									0
24																									0
25																									0
26																									0
27	T.	T.	T.																						T.
28											T.	.01	.05	.05	.23	T.		.02	T.	.01					0.37
29				.01	.05	.01	T.	T.		.10															0.17
30																									0
31																									0
Total	T.	0.02	0.07	0.05	0.08	0.05	0.11	0.03	0.07	0.16	0.03	0.02	0.06	0.11	0.32	0.29	0.28	0.07	0.07	0.04	0.11	0.02	T.	0.03	2.09

Greatest in—	This month	Years 1906-1947
5 minutes	0.13; date, 9	0.13; date, 9, 1947
10 minutes	0.16; date, 10	0.18; date, 1, 1926
15 minutes	0.18; date, 9	0.22; date, 2, †1938
30 minutes	0.23; date, 9	0.35; date, 3, 1938
1 hour	0.38; date, 9	0.53; date, 3, 1922
2 hours	0.53; date, 9	0.84; date, 3, 1922
		Years 1871-1947
24 hours	0.82; date, 9	2.03; date, 17-18, 1889

† Also other dates.

Excess (+) or deficiency (−) this month as compared with normal	+0.97
Seasonal precipitation, since July 1	2.09
Accumulated excess (+) or deficiency (−) since July 1	+0.49
Seasonal precipitation, since September 1	2.09
Accumulated excess (+) or deficiency (−) since Sept. 1	+0.49
Annual precipitation, since January 1	11.21
Accumulated excess (+) or deficiency (−) since January 1	−4.51
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 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	66.1	59.8	50	67	59.2	55.0	52	77	63.6	58.1	54	72	64.5	59.0	55	73	56.0	55.0	54	94	1
2	68.2	60.4	57	66	54.1	53.7	53	97	63.0	57.9	54	73	64.1	59.0	56	74	59.5	57.2	56	87	2
3	73.4	63.1	57	57	56.1	54.5	53	90	69.6	63.0	59	70	77.0	63.1	55	46	61.5	57.0	54	76	3
4	75.1	62.0	53	47	57.1	54.2	52	83	74.6	63.9	58	56	60.4	56.6	54	79	54.0	52.9	52	92	4
5	69.5	57.8	56	90	51.2	50.3	50	94	61.7	56.2	52	71	64.0	58.1	54	70	54.2	53.0	52	93	5
6	62.1	56.0	51	68	52.9	51.0	50	88	63.2	55.5	50	62	63.0	55.0	49	60	59.0	55.2	52	79	6
7	59.0	56.0	54	83	59.6	56.1	54	81	62.9	56.8	53	69	62.5	58.0	55	77	53.5	52.8	52	96	7
8	64.3	57.5	53	66	50.2	49.5	49	95	61.0	57.1	54	79	66.0	57.5	52	60	51.3	52.0	50	86	8
9	64.3	59.1	56	74	51.1	50.0	49	92	64.8	57.0	51	62	62.0	60.2	59	90	61.0	59.0	58	89	9
10	65.1	59.0	55	64	56.5	55.0	54	91	63.8	58.7	55	74	61.1	58.9	58	88	57.2	56.0	55	93	10
11	66.4	55.0	46	48	54.1	52.4	51	90	63.0	54.2	47	56	63.1	56.0	51	64	66.8	54.1	43	43	11
12	77.4	57.0	40	26	64.2	53.0	43	46	70.5	55.6	43	37	78.0	60.5	48	35	75.0	58.0	45	34	12
13	75.0	58.9	47	38	59.4	51.8	45	60	66.1	57.9	52	61	69.5	58.0	50	49	61.3	55.0	50	67	13
14	68.0	58.0	51	55	60.8	56.3	53	76	65.4	58.0	53	64	64.0	57.5	53	67	59.8	55.0	51	73	14
15	64.0	57.2	53	65	56.8	54.1	52	84	63.9	55.8	52	65	64.3	57.0	52	65	60.0	57.3	55	85	15
16	63.4	60.6	59	85	61.2	59.8	59	93	62.3	61.0	60	93	64.4	59.0	55	72	57.0	56.0	55	94	16
17	68.5	59.0	53	57	53.5	53.0	53	97	62.0	55.2	50	65	66.4	58.0	52	60	56.8	54.9	54	89	17
18	69.9	60.8	55	59	53.0	52.0	51	93	61.4	57.4	55	79	66.0	58.0	52	62	58.0	56.2	55	90	18
19	70.0	62.0	57	64	52.8	52.5	52	98	63.4	59.8	58	82	64.0	58.0	54	70	58.8	57.2	56	91	19
20	61.0	57.5	55	81	59.0	58.0	57	94	57.0	56.4	56	96	62.4	55.0	49	62	58.9	54.0	50	73	20
21	62.2	55.1	50	64	56.1	52.5	50	79	59.0	54.1	50	72	65.2	56.1	49	56	55.0	52.0	50	82	21
22	58.4	53.8	50	74	50.2	49.0	48	92	58.2	53.4	50	74	56.0	52.0	49	77	52.8	50.0	48	83	22
23	64.3	56.0	50	59	48.4	46.5	45	88	55.8	51.8	49	77	65.0	58.0	53	66	57.5	56.5	56	94	23
24	72.0	61.1	54	53	52.6	52.0	52	96	58.8	57.0	56	89	68.2	58.6	52	56	58.6	56.1	54	86	24
25	69.0	59.0	52	55	53.0	53.0	53	100	59.8	57.9	57	89	64.6	58.4	54	69	58.2	55.3	53	83	25
26	62.0	58.0	55	77	50.2	49.5	49	94	61.4	57.4	55	78	57.2	56.0	55	93	54.5	53.9	53	96	26
27	59.3	53.4	49	68	53.6	52.0	51	90	56.9	52.9	50	72	57.6	53.2	50	75	55.3	52.1	50	81	27
28	58.0	55.0	53	80	51.1	49.3	48	88	60.2	53.9	49	67	57.0	55.2	54	90	58.2	55.2	53	83	28
29	64.4	58.2	54	69	57.8	55.2	53	85	62.4	59.3	57	84	62.5	58.1	55	77	57.0	55.4	54	91	29
30	61.0	55.0	50	68	53.5	52.0	51	91	59.0	55.1	52	78	63.5	55.2	49	59	51.3	49.1	47	86	30
31	66.0	56.3	49	54	49.2	48.2	47	93	60.2	54.0	49	67	63.2	56.0	51	64	58.6	55.1	52	80	31
Mean	65.7	58.0	52	64	54.8	52.6	51	88	62.4	56.9	53	72	64.1	57.4	53	68	58.1	54.8	52	83	Mean
Normal	66.2	57.0	50	59																	Normal

Ceiling and Visibility Frequencies for October 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	0	0	0	0	0	0	0	0	1	1
3/16 to 3/8	1	0	0	0	0	0	0	0	3	4
1/2 to 3/4	0	0	0	0	0	0	0	0	0	0
1 to 2 1/2	0	0	0	5	8	1	1	0	11	26
3 to 6	0	1	2	1	13	4	4	0	71	96
7 to 15	0	0	8	23	35	24	18	11	438	557
20 to 30	0	0	0	0	0	0	0	0	60	60
35 or more	0	0	0	0	0	0	0	0	0	0
Total	1	1	10	29	56	29	23	11	584	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	8	2	1	0	0	0	0	0	1	12
3/16 to 3/8	0	1	0	0	0	0	0	0	1	2
1/2 to 3/4	0	0	1	0	0	0	0	0	0	1
1 to 2 1/2	0	0	2	3	3	0	0	0	8	16
3 to 6	0	2	4	16	15	7	3	0	108	155
7 to 15	0	1	2	31	37	43	23	22	342	501
20 to 30	0	0	0	0	4	0	0	0	53	57
35 or more	0	0	0	0	0	0	0	0	0	0
Total	8	6	10	50	58	50	26	22	514	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
1871	61.8	84	51	0.07	0.07
1872	59.8	80	48	0.11	0.11
1873	59.7	79	49	0.83	0.77
1874	59.8	78	50	2.69	1.58
1875	62.0	79	51	0.24	0.22
1876	59.9	72	52	3.36	1.39
1877	59.2	81	49	0.65	0.36
1878	61.6	78	51	1.27	1.27
1879	61.0	81	49	0.78	0.56
1880	59.8	78	50	0.05	0.05
1881	56.6	72	45	0.54	0.21
1882	58.8	76	48	2.66	1.40
1883	57.9	74	48	1.48	1.19
1884	58.2	76	50	2.55	1.15
1885	60.7	76	53	0.72	0.70
1886	58.6	79	46	1.48	0.72
1887	64.2	87	49	T.	T.
1888	61.6	87	50	0.13	0.05
1889	61.8	87	51	**7.23**	**2.03**
1890	62.4	86	48	**0.00**	**0.00**
1891	59.7	85	48	0.04	0.03
1892	59.6	79	47	1.65	0.91
1893	57.6	79	47	0.16	0.10
1894	59.6	89	49	1.73	0.64
1895	58.8	83	48	0.11	0.06
1896	58.8	85	47	1.55	1.46
1897	58.4	85	48	1.70	1.41
1898	61.2	81	50	0.86	0.45
1899	59.3	94	46	3.92	1.94
1900	58.8	83	48	1.48	0.34
1901	61.8	91	50	0.64	0.49
1902	59.3	77	49	1.70	0.69
1903	62.0	85	51	0.17	0.15
1904	62.0	79	52	2.37	0.90
1905	60.4	84	49	T.	T.
1906	61.7	86	47	0.03	0.01
1907	60.6	90	51	1.36	0.99
1908	58.8	82	47	0.61	0.44
1909	59.4	86	48	1.23	0.82
1910	61.2	89	47	0.65	0.48
1911	60.9	87	50	0.28	0.16
1912	60.0	81	48	0.49	0.26
1913	61.5	90	48	0.35	0.35
1914	62.0	89	50	0.29	0.25
1915	61.3	85	49	0.01	0.01
1916	56.9	77	46	0.52	0.21
1917	62.3	**96**	49	**0.00**	**0.00**
1918	64.0	85	52	0.17	0.09
1919	60.7	83	48	0.27	0.17
1920	60.2	78	49	1.83	0.85
1921	61.5	85	50	0.52	0.18
1922	60.6	81	49	2.95	1.54
1923	62.4	86	50	0.46	0.27
1924	59.4	83	48	2.98	0.90
1925	62.2	85	52	0.31	0.26
1926	63.4	83	52	1.90	1.32
1927	62.5	86	48	1.93	1.46
1928	59.6	87	49	0.13	0.10
1929	63.5	90	50	0.01	0.01
1930	63.2	92	52	0.89	0.88
1931	59.8	83	49	0.68	0.45
1932	62.2	80	51	0.01	0.01
1933	62.4	92	50	1.49	1.36
1934	61.8	87	50	0.88	0.69
1935	61.6	80	**43**	1.44	0.98
1936	62.2	86	50	0.69	0.69
1937	63.4	87	50	0.90	0.37
1938	61.6	81	50	1.33	0.74
1939	63.0	90	50	0.17	0.09
1940	62.3	84	51	1.05	0.68
1941	60.8	87	50	0.93	0.83
1942	60.9	82	51	0.95	0.51
1943	61.2	81	50	0.74	0.34
1944	61.4	82	50	1.70	1.09
1945	61.6	83	53	1.95	1.02
1946	60.4	86	47	0.15	0.08
1947	62.0	83	52	2.09	0.82

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.	25 wnw.	..	.....	.....	..	..	9
2	nw.	28 wnw.	30	wnw.	**5:55**	..	..	10
3	nw.	29 nw.	..	.....	.....	..	..	1
4	nw.	30 nw.	..	.....	.....	1	..	0
5	w.	23 wsw.	..	.....	.....	1	..	9
6	w.	26 wsw.	28	wsw.	**3:19**	..	..	3
7	sw.	37 sw.	42	sw.	**1:23**	1	..	9
8	nw.	16 wnw.	..	.....	.....	..	..	5
9	sw.	28 ssw.	33	sw.	**5:54**	..	..	6
10	sw.	25 sw.	27	sw.	**2:06**	..	..	10
11	nw.	26 wnw.	30	n.	**8:22**	..	..	0
12	n.	28 nne.	..	.....	.....	..	..	4
13	sw.	36 sw.	42	sw.	**1:38**	..	..	0
14	sw.	30 sw.	32	wsw.	**3:24**	..	..	5
15	sw.	32 sw.	33	sw.	**2:33**	..	..	8
16	w.	36 sw.	44	sw.	**4:53**	..	..	7
17	nw.	21 w.	..	.....	.....	3	1	2
18	nw.	22 wnw.	..	.....	.....	1	..	1
19	nw.	30 wnw.	..	.....	.....	1	..	1
20	w.	29 wnw.	31	wnw.	**8:40**	3	..	7
21	nw.	22 wnw.	..	.....	.....	..	..	6
22	nw.	30 wnw.	34	wnw.	**3:44**	3	..	4
23	nw.	20 wnw.	..	.....	.....	..	..	4
24	nw.	21 wnw.	..	.....	.....	..	..	6
25	nw.	26 wnw.	..	.....	.....	..	..	2
26	nw.	25 wnw.	..	.....	.....	..	..	3
27	w.	19 w.	..	.....	.....	..	..	9
28	se.	18 se.	..	.....	.....	1	..	10
29	w.	27 ssw.	30	ssw.	**5:06**	..	..	9
30	nw.	13 wnw.	..	.....	.....	..	..	5
31	e.	20 wnw.	..	.....	.....	..	..	0

TEMPERATURE

Highest temperature ..... 82, date, 4
Lowest temperature ..... 46, date, 23
Greatest daily range ..... 29, date, 4

WIND

Average hourly wind velocity (mph) 9.4
Prevailing wind direction ..... nw
Total movement (from dial readings) (miles) 7,001
Maximum velocity for month (for one minute§) ..... 37 sw, date, 7

WEATHER (Number of days)

Clear 12
Partly cloudy 11
Cloudy 8
With .01 inch or more precipitation 9
With .25 inches or more precipitation 4
Greatest 24-hour precipitation ..... 0.69, date, 9
Average daily cloudiness 4.8

§ One-minute maximum wind velocity from anemograph record.