WB Form 1030 W.B.O., San Francisco 7-1-48—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. L. FELTON

June 1948

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

June was partly cloudy, mild, and dry except for a light sprinkle early the third and a brief warm spell on the 21st and 22d. Temperatures averaged about a degree above normal, sunshine only 50% of possible, and the wind just about seasonal value. Highest wind for the month, 29 mph, was experienced on the 15th.

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	68	51	54	− 4	11	60	52	56	− 1	9	T.	T.	26 w.	10.8	22	4:50	7:26	9	1
2	57	52	54	− 4	11	58	53	56	− 1	9	T.	.02	13 sw.	10.8	0	4:50	7:26	10	2
3	59	53	56	− 2	9	59	52	56	− 1	9	.01	T.	20 w.	12.7	33	4:49	7:27	8	3
4	65	52	58	0	7	65	52	58	+ 1	7	0	T.	18 w.	9.2	31	4:49	7:28	8	4
5	65	53	59	− 1	6	67	54	60	+ 3	5	0	.01	19 w.	8.5	32	4:49	7:28	9	5
s6	63	55	59	+ 1	6	68	54	61	+ 4	4	T.	T.	16 sw.	8.2	34	4:49	7:29	9	6
7	67	53	60	+ 2	5	67	51	59	+ 2	6	0	0	21 w.	9.2	51	4:48	7:29	6	7
8	62	52	57	− 1	8	69	53	61	+ 4	4	0	0	18 w.	9.2	30	4:48	7:30	8	8
9	69	58	64	+ 6	1	69	58	64	+ 7	1	T.	.02	20 sw.	8.2	31	4:48	7:31	8	9
10	67	57	62	+ 4	3	70	57	64	+ 6	1	0	T.	16 sw.	7.4	23	4:48	7:31	8	10
11	66	58	62	+ 4	3	67	57	62	+ 4	3	0	T.	19 w.	8.9	53	4:48	7:32	6	11
12	64	55	60	+ 2	5	64	53	58	0	7	0	0	21 w.	11.9	59	4:48	7:32	3	12
s13	66	56	61	+ 3	4	64	54	59	+ 1	6	0	0	22 w.	12.1	87	4:48	7:32	1	13
14	64	55	60	+ 1	5	63	55	59	+ 1	6	0	0	26 w.	14.8	84	4:48	7:33	1	14
15	63	54	58	− 1	7	62	54	58	0	7	0	0	29 w.	15.7	67	4:48	7:33	3	15
16	63	54	58	− 1	7	62	53	58	0	7	0	0	28 w.	14.0	74	4:48	7:33	1	16
17	65	52	58	− 1	7	64	53	58	0	7	0	0	26 w.	12.0	65	4:48	7:34	1	17
18	62	53	58	− 1	7	60	52	56	− 2	9	0	0	23 w.	12.2	83	4:48	7:34	1	18
19	64	55	60	+ 1	5	67	49	58	0	7	0	0	22 w.	9.9	65	4:48	7:34	3	19
s20	64	54	59	0	6	67	54	60	+ 2	5	0	T.	26 w.	13.2	62	4:48	7:35	3	20
21	75	54	64	+ 5	1	76	52	64	+ 6	1	0	T.	21 w.	8.8	100	4:48	7:35	1	21
22	80	58	69	+10	0	84	52	68	+10	0	0	0	18 w.	9.5	100	4:48	7:35	0	22
23	64	53	58	− 1	7	76	52	64	+ 6	1	0	0	21 w.	13.7	47	4:49	7:35	8	23
24	65	54	60	+ 1	5	75	55	65	+ 7	0	0	0	19 w.	11.9	38	4:49	7:35	6	24
25	62	54	58	− 1	7	69	53	61	+ 2	4	0	0	19 sw.	11.7	29	4:49	7:35	7	25
26	62	55	58	− 1	7	70	55	62	+ 3	3	0	0	22 sw.	11.5	43	4:50	7:36	7	26
s27	64	56	60	+ 1	5	72	52	62	+ 3	3	0	0	18 w.	12.0	43	4:50	7:36	6	27
28	64	54	59	0	6	67	54	60	+ 1	5	T.	0	22 w.	11.3	43	4:51	7:36	7	28
29	63	54	58	− 1	7	62	53	58	− 1	7	T.	T.	22 w.	11.7	32	4:51	7:36	7	29
30	62	55	58	− 1	7	63	54	58	− 1	7	T.	T.	19 w.	12.0	24	4:51	7:36	9	30
..	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	..
Mean	64.5	54.3	59.4	+0.9	§175	66.9	53.4	60.2	+2.3	§150	§0.01	§0.05	.....	11.1	50	.....	.....	5.4	Mean
Normal	65.0	52.0	58.5	.....	§196	.....	.....	57.9	.....	.....	§0.18	§0.13	.....	11.2	76	.....	.....	4.0	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 29.97
Highest ..... 30.14; date, 3
Lowest ..... 29.75; date, 22

Temperature

Highest ..... 80; date, 22
Lowest ..... 51; date, 1
Greatest daily range ..... 22; date, 22
Accumulated excess (+) or deficiency (−) since January 1 ..... −30
Average daily excess (+) or deficiency (−) since January 1 ..... −0.2
Highest this month since 1871 . 100; date, 29, 1891
Lowest this month since 1871.... 46; date, 4, 1908

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.	0.0	0.0	5.3	6.0
% of hours	0	0	2	1

Direction	s.	sw.	w.	nw.	calm
Aver. hrly. vel.	4.5	10.1	12.0	7.4	1.0
% of hours	4	22	70	1	0

Average hourly velocity (mph) 11.1
Prevailing direction ..... west
Total movement for the month (miles) 7986
Aver. hrly. vel. (mph) (1890–1947) 11.2
Prevailing direction (1890–1947) ..... west

Weather (Number of days)

	This month	(1885–1947)
Clear (scale, 0 to 3)	11	17
Pt. cloudy (scale, 4 to 7)	8	9
Cloudy (scale, 8 to 10)	11	4

	This month	(1871–1947)
0.01 in. or more precip.	1	2
0.25 in. or more precip.	0	‡

Greatest number of days this month with 0.01 in. or more of precipitation ..... 9; year, 1883
Sunshine, hours: this month 220.0; possible 441.8

Flying Weather (Airport)

Hours ceiling below 500 ft. and/or visibility less than 1 mile (from record observations) ..... 10 hrs.

Frost (1897–1947)

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.																		T.
2		T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.				T.	T.	T.	T.	T.	T.			T.
3				T.	T.	T.	.01																		0.01
4																									0
5																									0
6				T.	T.	T.	T.	T.	T.																T.
7																									0
8																									0
9											T.														T.
10																									0
11																									0
12																									0
13																									0
14																									0
15																									0
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		T.	T.	T.	T.	T.	T.	T.														T.	T.	T.	T.
29	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.														T.
30				T.	T.	T.	T.	T.	T.	T.											T.	T.	T.	T.	T.
..																									
Total	T.	T.	T.	T.	T.	T.	0.01	T.	T.	T.	T.	T.	T.	0.00	0.00	0.00	T.	T.	T.	T.	T.	T.	T.	T.	0.01

Greatest in—	This month	Years 1906-1948
5 minutes	T. ; date, †1	0.07; date, 7, †1936
10 minutes	T. ; date, †1	0.10; date, 9, 1922
15 minutes	T. ; date, †1	0.12; date, 13, 1907
30 minutes	T. ; date, †1	0.20; date, 13, 1907
1 hour	T. ; date, †1	0.35; date, 13, 1907
2 hours	T. ; date, †1	0.51; date, 13, 1907
		Years 1871-1948
24 hours	0.01; date, 3	1.23; date, 11-12, 1884

† Also other dates.

Excess (+) or deficiency (−) this month as compared with normal	−0.17
Seasonal precipitation, since July 1	15.59
Accumulated excess (+) or deficiency (−) since July 1	−6.61
Seasonal precipitation, since September 1	15.59
Accumulated excess (+) or deficiency (−) since Sept. 1	−6.51
Annual precipitation, since January 1	10.27
Accumulated excess (+) or deficiency (−) since January 1	*−3.93*
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	55.9	53.0	51	84	52.0	51.3	51	96	58.0	54.7	52	81	56.2	54.0	52	87	53.3	52.2	51	93	1
2	56.1	54.4	53	89	53.0	52.0	51	94	56.4	54.0	52	86	55.4	54.0	53	92	54.0	53.0	52	94	2
3	56.5	52.1	48	74	52.1	50.2	49	88	55.2	52.0	49	81	56.3	51.8	48	74	54.0	52.0	50	88	3
4	59.4	54.1	50	72	52.0	51.0	50	94	58.3	53.0	49	70	61.0	54.8	50	68	54.7	52.1	50	85	4
5	63.0	57.2	53	82	55.7	52.0	49	78	61.0	55.3	51	70	64.2	57.0	52	64	56.2	53.0	50	81	5
6	61.0	55.5	51	71	55.0	53.5	52	91	61.9	56.3	52	71	66.4	56.7	50	54	56.7	53.7	51	83	6
7	59.8	56.1	53	79	52.0	50.0	48	87	64.2	58.0	54	69	62.7	56.0	51	66	53.4	52.0	51	91	7
8	58.4	54.6	52	78	53.3	52.2	51	93	64.2	58.0	54	69	64.2	56.7	51	63	57.0	54.7	53	86	8
9	65.7	59.6	56	70	59.0	51.7	55	87	65.8	59.2	55	68	66.2	59.2	55	66	60.7	57.0	54	80	9
10	66.1	59.7	56	69	57.2	52.9	55	92	65.9	58.8	54	66	65.4	59.0	55	68	59.0	57.2	56	90	10
11	63.5	58.2	55	74	58.0	56.0	55	88	60.5	57.1	55	81	63.0	56.0	51	66	58.0	54.2	51	78	11
12	62.5	55.5	50	64	53.1	51.3	50	89	61.9	54.0	48	60	62.7	54.2	47	57	55.0	51.8	49	81	12
13	63.8	57.1	52	66	54.1	52.7	52	92	61.0	55.0	50	68	63.0	56.0	51	66	57.0	54.8	53	87	13
14	62.6	57.0	53	71	55.5	42.6	50	83	62.0	55.2	50	65	61.2	53.7	48	61	56.7	54.0	52	84	14
15	61.1	55.4	51	69	55.8	52.6	50	82	59.0	54.6	51	76	60.0	55.3	52	75	55.4	53.0	51	86	15
16	60.8	55.2	51	70	53.5	51.7	50	89	58.7	54.0	50	74	60.0	55.8	53	77	55.0	52.7	51	86	16
17	61.5	55.6	52	73	53.1	52.0	51	93	59.0	54.0	50	73	60.3	56.0	53	76	54.5	51.3	49	81	17
18	61.1	55.4	51	70	52.8	50.9	49	88	57.4	53.0	50	75	58.4	54.6	52	79	53.8	52.0	51	89	18
19	61.1	55.2	51	68	49.8	48.8	48	93	62.9	56.8	52	69	61.6	56.6	53	74	55.2	53.0	51	86	19
20	63.1	58.9	56	78	54.2	52.2	51	88	64.1	59.3	56	76	62.0	58.3	56	80	55.0	54.2	54	95	20
21	71.1	61.0	55	59	52.3	52.4	52	98	71.0	61.4	55	58	67.0	57.0	50	54	55.2	51.7	49	79	21
22	74.6	59.8	49	41	53.3	50.6	48	83	82.0	57.4	35	19	75.7	58.0	44	33	58.7	53.7	50	72	22
23	64.0	58.2	54	70	53.0	51.0	49	88	66.0	58.2	53	62	72.8	62.0	55	54	56.1	54.4	53	90	23
24	63.0	57.2	53	70	57.0	54.8	53	87	64.2	58.3	54	70	66.7	60.0	56	68	56.4	54.5	53	89	24
25	59.6	56.0	53	80	53.8	52.1	51	90	61.0	56.0	52	73	64.4	58.9	55	73	56.7	53.9	52	83	25
26	61.0	56.0	52	73	56.0	52.8	50	81	62.7	57.0	53	71	68.0	58.0	51	54	56.8	53.6	51	82	26
27	62.1	56.5	53	71	52.8	51.0	50	89	64.3	57.7	53	67	67.0	58.8	53	61	57.6	55.1	53	86	27
28	63.4	59.9	58	80	56.1	54.3	53	89	65.1	58.9	55	69	61.0	58.0	56	84	55.1	54.0	53	93	28
29	61.5	57.4	54	76	53.1	52.4	52	95	58.7	55.6	53	82	58.3	55.8	54	86	55.2	54.2	53	94	29
30	60.2	56.4	54	78	55.0	54.0	53	94	60.4	56.2	53	77	60.2	56.2	53	78	55.3	53.8	53	91	30
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Mean	62.1	56.6	53	70	54.1	52.4	51	89	62.4	56.3	52	70	63.0	56.6	52	69	55.9	53.6	52	86	Mean
Normal	63.2	56.1	51	64	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Normal

Ceiling and Visibility Frequencies for June 1948

(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	0	0
3/16 to 3/8	0	0	0	0	0	0	0	0	0	0
1/2 to 3/4	0	0	0	0	0	0	0	0	0	0
1 to 2 1/2	0	0	1	0	0	0	0	0	0	1
3 to 6	0	0	1	6	8	0	0	0	13	28
7 to 15	0	0	8	59	106	25	7	23	365	593
20 to 30	0	0	0	0	1	7	9	0	81	98
35 or more	0	0	0	0	0	0	0	0	0	0
Total	0	0	10	65	115	32	16	23	458	720

115

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	0	0	0	0	0	0	0	0	0	0
3/16 to 3/8	0	0	0	0	0	0	0	0	0	0
1/2 to 3/4	0	0	0	0	0	0	0	0	0	0
1 to 2 1/2	0	0	0	0	0	0	0	0	0	0
3 to 6	0	0	4	26	3	0	0	0	16	49
7 to 15	0	0	10	75	111	28	11	20	281	536
20 to 30	0	0	0	2	1	2	8	1	121	135
35 or more	0	0	0	0	0	0	0	0	0	0
Total	0	0	14	103	115	30	19	21	418	720

117

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	56.9	77	48	0.01	0.01
1872	59.8	92	52	0.04	0.03
1873	57.1	67	50	0.02	0.01
1874	59.1	82	48	0.14	0.13
1875	59.4	79	49	1.02	0.90
1876	61.4	93	49	0.04	0.04
1877	62.0	92	51	0.01	0.01
1878	58.8	73	51	0.01	0.01
1879	60.2	85	49	0.05	0.05
1880	57.2	82	49	0.00	0.00
1881	58.6	71	50	0.69	0.41
1882	57.9	68	49	0.04	0.02
1883	61.4	95	51	0.01	0.01
1884	60.2	71	52	**2.57**	**1.23**
1885	57.8	67	50	0.19	0.10
1886	59.4	83	48	0.01	0.01
1887	59.4	90	48	0.07	0.07
1888	62.4	80	53	0.27	0.10
1889	60.2	75	52	0.03	0.03
1890	59.2	81	49	0.10	0.05
1891	60.2	**100**	48	0.11	0.10
1892	56.8	73	47	T.	T.
1893	56.5	90	47	0.03	0.03
1894	55.9	69	47	0.56	0.22
1895	58.7	86	48	0.00	0.00
1896	57.2	79	47	0.00	0.00
1897	58.9	83	48	0.22	0.19
1898	59.0	89	49	0.19	0.18
1899	56.9	75	47	0.01	0.01
1900	57.6	74	47	0.05	0.04
1901	56.7	82	47	T.	T.
1902	56.9	73	48	T.	T.
1903	58.5	96	48	T.	T.
1904	59.2	90	48	T.	T.
1905	56.0	67	49	0.00	0.00
1906	59.4	82	48	0.56	0.23
1907	57.1	85	48	1.28	0.74
1908	55.4	86	**46**	0.01	0.01
1909	56.1	94	47	T.	T.
1910	55.9	74	48	0.02	0.02
1911	55.0	77	47	0.03	0.03
1912	60.4	93	48	0.81	0.68
1913	58.2	73	50	0.02	0.01
1914	56.6	84	48	0.29	0.15
1915	58.9	83	48	0.00	0.00
1916	57.4	76	47	T.	T.
1917	58.6	87	46	T.	T.
1918	59.2	83	49	T.	T.
1919	57.8	88	48	T.	T.
1920	60.2	92	49	0.04	0.04
1921	61.4	90	49	T.	T.
1922	60.0	84	50	0.26	0.24
1923	57.2	69	49	0.06	0.05
1924	59.8	87	51	0.00	0.00
1925	60.7	95	50	0.05	0.05
1926	59.2	86	50	T.	T.
1927	59.8	93	49	0.38	0.38
1928	60.6	85	50	T.	T.
1929	63.0	95	50	0.86	0.52
1930	59.9	79	50	T.	T.
1931	62.0	84	52	0.32	0.19
1932	59.2	82	49	0.03	0.03
1933	57.6	73	49	0.01	0.01
1934	61.0	95	50	0.68	0.64
1935	61.3	89	50	T.	T.
1936	61.7	78	52	0.28	0.24
1937	61.4	87	48	0.59	0.38
1938	57.5	72	50	0.00	0.00
1939	57.8	74	49	T.	T.
1940	59.0	72	51	0.01	0.01
1941	60.0	77	51	0.01	0.01
1942	58.6	88	50	T.	T.
1943	57.4	90	49	0.13	0.17
1944	57.8	72	50	0.12	0.09
1945	61.3	87	50	0.01	0.01
1946	58.8	83	51	0.02	0.02
1947	61.8	87	50	0.64	0.29
1948	59.4	80	51	0.01	0.01
.....	....	..	..	....	....

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.....	w.	29 w.	33	w.	2:42	..	..	9
2.....	w.	20 w.	23	w.	0:40	1-	..	10
3.....	w.	30 w.	34	w.	8:56	..	..	9
4.....	w.	29 w.	35	w.	2:32	..	..	9
5.....	w.	21 wnw.	24	wnw.	5:18	..	..	8
6.....	nw.	19 wsw.	23	wnw.	4:34	..	..	10
7.....	nw.	25 wnw.	27	wnw.	1:54	..	..	5
8.....	nw.	22 wnw.	26	wnw.	1:40	..	..	7
9.....	sw.	33 sw.	40	sw.	3:42	..	..	7
10.....	sw.	20 wsw.	22	w.	6:12	..	..	9
11.....	w.	25 w.	27	w.	3:27	..	..	7
12.....	w.	27 w.	29	w.	1:54	..	..	5
13.....	w.	26 w.	30	w.	11:36	..	..	1
14.....	w.	31 w.	39	w.	1:31	..	..	1
15.....	w.	30 w.	35	w.	4:48	..	..	5
16.....	w.	36 w.	42	w.	2:45	..	..	4
17.....	w.	38 w.	46	w.	5:48	..	..	5
18.....	w.	33 w.	40	w.	4:53	..	..	3
19.....	nw.	29 w.	33	w.	5:58	..	..	1
20.....	nw.	37 w.	40	w.	17:09	..	..	4
21.....	nw.	31 w.	34	w.	5:52	1	..	0
22.....	nw.	27 wnw.	29	wnw.	2:56	..	..	0
23.....	nw.	15 nw.	18	nw.	5:45	..	..	0
24.....	nw.	22 wnw.	23	wnw.	5:59	..	..	4
25.....	sw.	19 sw.	22	sw.	2:28	..	..	6
26.....	sw.	16 sw.	18	sw.	2:37	..	..	4
27.....	nw.	21 wnw.	22	wnw.	1:55	..	..	1
28.....	nw.	26 wnw.	30	wnw.	3:00	..	..	4
29.....	nw.	30 wnw.	33	wnw.	3:35	1-	..	7
30.....	nw.	23 wnw.	25	wnw.	3:46	..	..	4
.....	.....	.. ..	..	.....	.....	..	..	..

TEMPERATURE

Highest temperature..... 84, date, 22
Lowest temperature..... 49, date, 19
Greatest daily range..... 32, date, 22

WIND

Average hourly wind velocity (mph)..... 12.9
Prevailing wind direction ..... nw
Total movement (from dial readings) (miles)..... 9,299
Maximum velocity for month (for one minute§)..... 38 w., date, 17

WEATHER (Number of days)

Clear..... 8
Partly cloudy 15
Cloudy 7
With .01 inch or more precipitation..... 8
With .25 inches or more precipitation..... 0
Greatest 24-hour precipitation..... 0.02, date, 2
Average daily cloudiness..... 5.0

MISCELLANEOUS PHENOMENA (Dates of)

Thunderstorms 0
Hail 0
Sleet..... 0

§ One-minute maximum wind velocity from anemograph record.

ERRATA

Correct Meteorological Summary for San Francisco to read:

MAY 1948: City Office—Solar Halo on 8th.