Form No. 1030—Met'l

W.B.O., San Francisco, 9-7-43—400

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

MONTHLY METEOROLOGICAL SUMMARY 8/43

Station, SAN FRANCISCO, CALIF. *120th Meridian Time* *Month,* **August 1943**

Date	Temperature (°F.) Thermometers over roof, 112 feet above ground: Extremes Max.	Min.	Mean	Departure from normal	Dry bulb *4:30 a. m.	Local noon	*4:30 p. m.	Moisture: Relative humidity per cent *4:30 a. m.	Local noon	*4:30 p. m.	Vapor pressure, local noon	Precipitation, inches. Total 4:30 a. m. to 4:30 p. m.	Mid. to Mid.	Snowfall, un-melted 4:30 p. m. to 4:30 p. m.	Depth on ground 4:30 p. m.	‡Wind Max. velocity, miles per hour	Direction of max. velocity	†Per cent of sunshine	Degree Days
s1	63	52	58	0	52.9	60.2	59.9	95	79	78	.420	0	0	0	0	27	w.	88	7
2	72	54	63	+ 5	49.5	69.8	62.0	97	54	66	.390	0	0	0	0	17	w.	100	2
3	62	52	57	− 2	53.0	60.0	64.4	93	70	60	.405	0	0	0	0	25	w.	88	8
4	63	52	58	− 1	53.3	62.3	62.9	95	78	84	.436	0	0	0	0	24	w.	71	7
5	67	57	62	+ 3	59.2	63.7	63.0	96	79	80	.468	0	0	0	0	25	w.	93	3
6	63	55	59	0	55.9	61.0	61.6	94	78	77	.420	0	0	0	0	26	w.	65	6
7	64	54	59	0	55.6	59.8	60.6	91	74	77	.390	0	0	0	0	24	w.	88	6
s8	68	55	62	+ 3	51.6	67.9	58.0	94	61	80	.420	0	0	0	0	27	w.	81	3
9	67	52	60	+ 1	54.0	61.5	64.0	93	69	65	.376	0	0	0	0	17	sw.	78	5
10	61	53	57	− 2	54.0	58.6	58.0	90	78	83	.390	0	0	0	0	17	w.	59	8
11	63	52	58	− 1	52.8	60.2	63.4	97	77	68	.405	0	0	0	0	19	w.	64	7
12	60	52	56	− 3	52.3	59.6	62.4	98	80	73	.405	0	0	0	0	22	w.	53	9
13	61	53	57	− 2	51.6	58.8	62.0	96	80	73	.405	0	0	0	0	24	w.	58	8
14	61	53	57	− 2	55.0	58.8	61.2	90	78	69	.390	0	0	0	0	17	w.	47	8
s15	62	56	59	0	52.1	58.9	60.0	86	72	72	.362	0	0	0	0	20	w.	81	6
16	65	54	60	+ 1	54.6	63.1	64.4	84	69	64	.405	0	0	0	0	18	w.	67	5
17	62	55	58	− 1	55.2	61.9	61.7	91	74	76	.420	0	0	0	0	21	w.	46	7
18	61	54	58	− 1	55.3	59.6	59.1	95	80	78	.405	0	0	0	0	20	w.	68	7
19	63	55	59	0	55.4	62.8	61.0	96	70	77	.405	0	0	0	0	30	w.	87	6
20	64	56	60	+ 1	55.9	62.1	62.2	87	73	73	.405	0	0	0	0	27	w.	100	5
21	67	56	62	+ 3	57.3	66.0	63.1	91	75	70	.486	0	0	0	0	23	w.	89	3
s22	66	55	60	+ 1	57.7	62.0	61.3	91	79	80	.436	0	0	0	0	27	w.	95	5
23	63	55	59	− 1	57.8	62.1	59.5	87	78	81	.436	0	0	0	0	25	w.	75	6
24	64	54	59	− 1	57.2	61.8	63.4	86	76	68	.420	0	0	0	0	18	w.	63	6
25	66	54	60	0	53.8	62.1	59.1	96	77	82	.436	0	0	0	0	21	w.	64	5
26	63	54	58	− 2	54.1	58.7	58.5	96	84	81	.420	0	0	0	0	24	w.	59	7
27	74	53	64	+ 4	50.0	68.0	64.3	100	66	71	.452	0	0	0	0	23	w.	78	1
28	63	53	58	− 2	51.7	58.8	58.9	97	84	80	.420	0	0	0	0	26	w.	82	7
s29	67	55	61	+ 1	56.2	62.8	66.1	92	80	56	.468	0	0	0	0	26	w.	100	4
30	81	58	70	+10	53.2	80.7	79.0	80	28	18	.289	0	0	0	0	17	w.	100	0
31	87	55	71	+11	56.4	78.2	80.0	58	33	36	.324	0	0	0	0	20	w.	100	0
Mean	65.6	54.1	59.8		54.3	63.0	62.7	91	72	71	.410	§0	§0	§0	§0			77	§167
Normal	64.9	53.3	59.1						71				0.01					63	180

Atmospheric Pressure, (in inches)
(Reduced to sea-level)

*Mean 29.94
*Highest ..... 30.07; date, 7
*Lowest ..... 29.82; date, 31

Temperature

Highest ..... 87; date, 31
Lowest ..... 52; date, 12
Greatest daily range ..... 32; date, 31
Total degree days 167
Accumulated excess (+) or deficiency (−) since January 1, +262
Average daily excess (+) or deficiency (−) since January 1, +1.1

Precipitation

Greatest this month in 5 minutes, 0; in 10 minutes, 0; in 15 minutes, 0; in 30 minutes, 0; in 1 hour, 0; in 2 hours, 0; in 24 hours, 0.

Precipitation—Continued

Excess (+) or deficiency (−) this month as compared with normal, −0.01
Seasonal precipitation, since July 1, T.
Accumulated excess (+) or deficiency (−) since July 1, −0.03
Annual precipitation, since January 1, 13.42
Accumulated excess (+) or deficiency (−) since January 1, −0.73
Greatest snowfall in 24 hours, 0.

Weather
(Number of days)

Clear (scale 0 to 3) 14
Partly cloudy (scale 4 to 7) 15
Cloudy (scale 8 to 10) 2
With 0.01 inch or more precipitation 0
With 0.25 inch or more precipitation 0
Total sunshine, hours 323.7

‡Wind

Total movement (miles) 8,039
Average hourly velocity (miles) 10.8
Maximum velocity (miles) ..... 30 on 19th
Prevailing direction ..... west

Miscellaneous Phenomena
(Dates of)

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

"T", Trace, amount too small to measure. ‡All wind data are true values. §Sum. ‖Also other dates. s Opposite date indicates Sunday.
†Number hours possible sunshine: 1st, 14.1; 16th, 13.6; 31st, 13.0; for this month, 421.7. *Data from S. F. Airport

L. A. WARREN (OVER)

Precipitation, August 1943

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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

COMPARATIVE DATA FOR THIS MONTH FROM THE RECORDS OF PREVIOUS YEARS

Station, San Francisco, Calif. *Month,* August

	Temperature			Precipitation			Temperature			Precipitation			Temperature			Precipitation			Temperature			Precipitation	
	Mean	Highest	Lowest	Total	Greatest in 24 Hours		Mean	Highest	Lowest	Total	Greatest in 24 Hours		Mean	Highest	Lowest	Total	Greatest in 24 Hours		Mean	Highest	Lowest	Total	Greatest in 24 Hours
1871.....	57.9	69	51	0.02	0.02	1890.....	61.4	85	50	0.00	0.00	1909.....	57.4	82	49	0.00	0.00	1928.....	58.4	72	50	T.	T
1872.....	59.8	77	53	0.00	0.00	1891.....	61.8	92	50	0.02	0.02	1910.....	56.5	79	48	0.00	0.00	1929.....	61.1	77	52	0.00	0.00
1873.....	59.5	72	54	0.08	0.05	1892.....	59.4	92	50	0.00	0.00	1911	56.5	79	49	0.00	0.00	1930.....	61.5	77	52	0.00	0.00
1874.....	59.0	71	51	0.00	0.00	1893.....	56.6	72	47	0.00	0.00	1912.....	59.9	77	50	0.00	0.00	1931.....	60.4	89	51	0.00	0.00
1875.....	58.8	70	50	0.00	0.00	1894.....	59.2	91	49	0.00	0.00	1913.....	62.1	86	52	0.01	0.01	1932.....	61.0	86	51	0.00	0.00
1876.....	59.6	78	51	0.01	0.01	1895.....	58.4	80	50	0.00	0.00	1914.....	58.2	83	51	0.00	0.00	1933.....	59.8	82	50	T.	T.
1877.....	59.8	75	52	0.00	0.00	1896.....	59.5	72	52	0.09	0.06	1915.....	61.3	86	50	0.00	0.00	1934.....	60.9	88	51	T.	T.
1878.....	59.1	73	52	T.	T.	1897.....	57.4	70	49	T.	T.	1916.....	58.5	84	48	0.29	0.22	1935.....	60.0	85	50	0.25	0.25
1879.....	60.5	89	50	0.02	0.02	1898.....	57.0	72	47	T.	T.	1917.....	57.6	69	50	T.	T.	1936.....	59.3	78	49	0.02	0.02
1880.....	59.1	73	51	0.00	0.00	1899.....	58.3	78	50	T.	T.	1918.....	60.9	76	52	0.00	0.00	1937.....	58.9	79	50	T.	T.
1881.....	58.8	70	52	0.00	0.00	1900.....	59.7	82	50	T.	T.	1919.....	58.4	78	50	T.	T.	1938.....	60.1	78	52	0.00	0.00
1882.....	58.6	69	50	0.00	0.00	1901.....	56.4	72	49	T.	T.	1920.....	60.1	79	50	0.00	0.00	1939.....	60.6	81	52	T.	T.
1883.....	59.2	82	52	0.00	0.00	1902.....	60.6	82	52	T.	T.	1921.....	59.6	77	51	0.00	0.00	1940.....	60.0	81	53	T.	T.
1884.....	60.0	75	52	0.04	0.03	1903.....	57.6	77	46	T.	T.	1922.....	60.4	81	51	T.	T.	1941.....	61.2	80	53	0.03	0.02
1885.....	59.6	81	52	T.	T.	1904.....	57.1	75	49	0.06	0.06	1923.....	61.7	83	52	0.01	0.01	1942.....	58.5	67	51	T.	T.
1886.....	60.6	85	48	T.	T.	1905.....	58.4	73	50	T.	T.	1924.....	59.1	71	52	0.01	0.01	1943.....	59.8	87	52	0.00	0.00
1887.....	57.8	74	49	0.01	0.01	1906.....	57.9	76	50	0.11	0.08	1925.....	61.2	84	51	T.	T.	.....	....	....	....	.....	.....
1888.....	60.8	85	51	0.01	0.01	1907.....	59.3	74	51	0.02	0.02	1926.....	60.8	87	50	0.04	0.04	.....	....	....	....	.....	.....
1889.....	60.4	80	49	T.	T.	1908.....	57.4	80	50	0.01	0.01	1927.....	59.8	81	51	T.	T.	.....	....	....	....	.....	.....

Temperature (1871-1943)

Highest this month..... 92; date, 22, 1891†
Lowest this month ..... 46; date, 8, 1903

Precipitation (1906-1943)

Greatest fall this month in—

5 minutes,.....0.02; date, 14, 1916†
10 minutes,.....0.03; date, 14, 1916
15 minutes,.....0.04; date, 14, 1916
30 minutes,..... .0.06; date, 14, 1916
1 hour, ...0.12; date, 14, 1916
2 hours,..... ....0.18; date, 14, 1916
24 hours (1871-1943) .....0.25; date, 26, 1935

†Also other years

Precipitation—Continued

Greatest snowfall in 24 hours this month since 1871: amount, 0.0.

Greatest total snowfall this month since 1871, 0.0;

Wind* (1890-1942)

Average hourly velocity (miles)..... 10.9
Prevailing direction..... west

*Wind velocities have been corrected to true values.

Weather (1885-1942)

Average number days this month—
Clear 13
Partly cloudy.....13
Cloudy 5

Weather (1871-1942)

Average number days this month—
With 0.01 inch or more of precipitation..... 1
With 0.25 inch or more of precipitation..... ‡
Greatest number of days this month with 0.01 inch or more of precipitation, 4; year, 1906

Frost (1897-1942)

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

‡Less than one-half