Form No. 1030—Met'l.—Pacific Coast.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

Station, SAN FRANCISCO, CAL. *; month,* DECEMBER *, 190* 9

Date.	Temperature. (Degrees Fahrenheit.) Max.	Min.	Mean.	Precipitation. (In inches and hundredths.)	Character of day.	
1	57	50	54	0.57	Cloudy.	
2	54	45	50	0	Clear.	
3	51	42	46	0	Clear.	
4	48	38	43	0.96	Cloudy.	
5	52	44	48	0.28	Pt. Cl'dy.	
6	51	40	46	0.66	Cloudy.	
7	57	48	52	0.02	Cloudy.	
8	58	51	54	1.40	Cloudy.	
9	57	48	52	0.06	Cloudy.	
10	53	45	49	0.02	Pt. Cl'dy.	
11	56	43	50	0	Clear.	
12	52	44	48	0	Cloudy.	
13	58	43	50	0	Clear.	
14	61	45	53	0	Clear.	
15	63	46	54	0	Clear.	
16	58	45	52	0	Clear.	
17	61	46	54	0	Clear.	
18	58	47	52	0	Clear.	
19	49	42	46	0.01	Cloudy.	
20	43	41	42	0.04	Cloudy.	
21	48	43	46	T	Cloudy.	
22	51	42	46	0	Clear.	
23	52	40	46	0	Clear.	
24	53	41	47	0	Pt. Cl'dy.	
25	50	45	48	0.04	Cloudy.	
26	53	45	49	0.02	Cloudy.	
27	58	47	52	T	Cloudy.	
28	52	46	49	0	Cloudy.	
29	57	45	51	T	Pt. Cl'dy.	
30	54	44	49	0.46	Cloudy.	
31	54	41	48	1.09	Cloudy.	
Mean	54.2	44.3	49.2	5.59	Blank.	Blank.

NOTE.—"T" indicates trace of precipitation.

ATMOSPHERIC PRESSURE.
(Reduced to sea level; inches and hundredths.)

Mean 30.03; highest 30.36, date 11th
lowest 29.62, date 20th

TEMPERATURE.

Highest 63, date 15th; lowest 38, date 4th
Greatest daily range 17, date 15th
Least daily range 2, date 20th

Mean for this month in

1871	53	1879	50	1887	52	1895	49	1903	52
1872	52	1880	53	1888	53	1896	53	1904	51
1873	51	1881	51	1889	51	1897	51	1905	51
1874	50	1882	53	1890	50	1898	50	1906	50
1875	51	1883	51	1891	50	1899	50	1907	52
1876	53	1884	53	1892	51	1900	50	1908	47
1877	53	1885	54	1893	52	1901	53	1909	49
1878	52	1886	54	1894	50	1902	51	1910	

Mean of this month for 39 years 51.3
Absolute maximum for this month for 39 years 72
Absolute minimum for this month for 39 years 34
Average daily excess (+) or deficiency (—) of this month as compared with mean of 39 years −2.1
Accumulated excess (+) or deficiency (—) since January 1 −259.5
Average daily excess (+) or deficiency (—) since January 1 −0.7

PRECIPITATION.

Total this month 5.59; snowfall 0
Greatest precipitation in 24 hours 1.41, date 8th–9th
Snow on the ground at end of month 0

Total precipitation this month in

1871	14.36	1879	4.46	1887	3.34	1895	1.43	1903	1.63
1872	5.95	1880	12.33	1888	5.80	1896	4.34	1904	1.59
1873	9.72	1881	3.85	1889	13.81	1897	1.22	1905	2.05
1874	0.33	1882	2.01	1890	3.25	1898	1.62	1906	6.90
1875	4.15	1883	0.92	1891	5.62	1899	2.65	1907	3.66
1876	0.00	1884	7.68	1892	5.08	1900	1.37	1908	2.15
1877	2.66	1885	4.99	1893	2.25	1901	0.90	1909	5.59
1878	0.58	1886	2.07	1894	9.01	1902	2.32	1910	

Average of this month for 39 years 4.20
Total from September 1, 190 9, to date 10.05
Average from September 1, 190 9, to date 8.36
Excess (+) or deficiency (—) from September 1, 190 9, to date, as compared with average of corresponding period +1.69
Average for wet seasons

WIND.

Prevailing direction NW; total movement 4515 miles; average hourly velocity 6.1; maximum velocity (for five minutes) 33 miles per hour, from SW on 8th

WEATHER.

Number of days, clear 11; partly cloudy 4; cloudy 16; on which .01 inch, or more, of precipitation occurred 14

MISCELLANEOUS PHENOMENA (dates of).

Auroras 0; halos: solar 0, lunar 23, 24, 28.
Hail 0; sleet 0; fog 1, 13, 14, 15, 19
Thunderstorms 0
Frost: light 17th, 18h; heavy 16th, 23d; killing 4th

985

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