

U. S. DEPARTMENT OF AGRICULTURE,
WEATHER BUREAU.

MONTHLY
METEOROLOGICAL SUMMARY.

STATION

Idaho Falls, Idaho

MONTH

October 189*8*

INSTRUCTIONS.

The pressure and precipitation will be recorded to hundredths, and other data to nearest whole number. In obtaining temperature and precipitation departures, the normal as determined from the whole period of observations, will be used. The value entered in the line "Mean temperature for this month for years" will be considered as the normal monthly temperature, for use on this form only, and all departures will be calculated therefrom. To get the accumulated excess or deficiency, multiply the average daily excess or deficiency (the difference between the monthly mean and the normal) by the number of days in the month, and add to the record of the previous month.

When four copies, or less, are issued the form may be prepared by using carbon paper and a hard lead pencil. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will also be forwarded to the Chief of Bureau on the first day of the succeeding month.

In forwarding this form observers should write on left-hand corner of envelope the word "Records."

WILLIS L. MOORE,
Chief of Bureau.

MONTHLY METEOROLOGICAL SUMMARY.

Station, Idaho Falls, Ida. Month, October 1898

Date.	TEMPERATURE.			Precipitation, in inches and hundredths.	Character of day.	SUMMARY.
	Max.	Min.	Mean.			
1	39	34	36	.01	cloudy	MEAN ATMOSPHERIC PRESSURE 30.19
2	45	26	34	.29	pt.cldy	Highest pressure 30.61 date 25th,
3	48	30	39	0	pt.cldy	Lowest pressure 29.69 date 1st,
4	48	21	34	0	clear	MEAN TEMPERATURE 68
5	55	22	38	0	cloudy	Highest temp 68 date 14th Lowest temp 14 date 20
6	53	36	44	T	cloudy	Greatest daily range of temperature 43 date 30
7	60	26	43	0	clear	Least daily range of temperature 5 date 23
8	66	30	48	0	pt.cldy	MEAN TEMPERATURE for this month in 47
9	58	43	50	T	cloudy	1871 1878 1885 1892
10	57	35	46	0	pt.cldy	1872 1879 1886 1893 45
11	63	41	52	T	cloudy	1873 1880 1887 1894 46
12	57	37	47	0	pt.cldy	1874 1881 40 1888 1895 46
13	63	26	44	0	clear	1875 1882 40 1889 1896 46
14	68	32	50	0	pt.cldy	1876 1883 1890 1897 45
15	48	31	40	T	pt.cldy	1877 1884 1891 1898 41
16	48	19	34	0	clear	Mean temperature for this month for 9 years 44
17	51	21	36	0	cloudy	Average Def'cy of daily mean temp. during month 3
18	53	31	42	0	pt.cldy	Accumulated Def'cy of daily mean temp. since Jan. 1 16
19	50	18	34	0	clear	Average daily Def'cy since January 1 1
20	52	14	33	0	clear	Prevailing direction of wind South 41 %
21	60	22	41	0	clear	Total movement of wind 6713
22	67	26	46	0	pt.cldy	*Maximum velocity of wind, direction, and date 40, S, 31.
23	47	42	44	.06	cloudy	TOTAL PRECIPITATION 0.49 inches.
24	44	30	37	.13	pt.cldy	Number of days with .01 inch or more of precipitation 4
25	52	20	36	0	clear	TOTAL PRECIPITATION (in inches) for this month in 1.77
26	48	21	34	0	pt.cldy	1871 1878 1885 1892
27	54	24	39	0	clear	1872 1879 1886 1893 0.14
28	58	31	42	0	clear	1873 1880 1887 1894 1.28
29	56	20	38	0	clear	1874 1881 1.71 1888 1895 0.06
30	64	21	42	0	pt.cldy	1875 1882 1.50 1889 1896 0.58
31	48	30	39	0	cldy	1876 1883 1890 1897 1.48
						1877 1884 1891 1898 0.49
						Average precipitation for this month for 9 years 1.00 inches.
						Total Deficiency in precipitation during month 0.57 inches.
						Accumulated Deficiency in precipitation since Jan. 1 3.97 inches.
						Number of clear days 11 Partly cloudy days 12 Cloudy days 8
						Dates of frost { Light Heavy Killing
						Mean Max 53.9
						Mean 27.7

NOTE.—Pressure reduced to sea level.

"T" indicates trace of precipitation.

*To be taken from any five-minute record.

†Insert "excess" or "deficiency," as the case may be.

J.J.Kelliher

Weather Bureau.