

Form No. 1030-Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

MONTHLY
METEOROLOGICAL SUMMARY.

STATION

Idaho Falls

MONTH

August 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, IDAHO, Month, AUGUST 1898 1898

| Date | TEMPERATURE. | | | Precipitation, in inches and hundredths. | Character of day. | <div>IDAHO FALLS ID</div> <div>SUMMARY</div> | |
|------|--------------|------|-------|--|-------------------|--|-------------------------------------|
| | Max. | Min. | Mean. | | | | |
| 1 | 15 | 48 | 66 | 0 | Clear | MEAN ATMOSPHERIC PRESSURE | 29.89 |
| 2 | 88 | 50 | 69 | 0 | Clear | Highest pressure | 30.06 date 10" |
| 3 | 94 | 50 | 72 | 0 | Clear | Lowest pressure | 29.64 date 8" |
| 4 | 87 | 54 | 70 | 0 | Clear | MEAN TEMPERATURE | 70 |
| 5 | 82 | 46 | 64 | T | Clear | Highest temp | 95 date 11" Lowest temp 41 date 23" |
| 6 | 83 | 43 | 63 | 0 | Clear | Greatest daily range of temperature | 48 date 24" |
| 7 | 86 | 51 | 68 | 0 | Clear | Least daily range of temperature | 16 date 29" |
| 8 | 90 | 51 | 70 | 0 | Clear | MEAN TEMPERATURE for this month in | |
| 9 | 92 | 51 | 72 | 0 | Clear | 1871 | 1878 1885 1892 67 |
| 10 | 92 | 50 | 71 | 0 | Clear | 1872 | 1879 1886 1893 67 |
| 11 | 95 | 49 | 72 | 0 | Clear | 1873 | 1880 64 1887 1894 69 |
| 12 | 93 | 58 | 76 | T | Cloudy | 1874 | 1881 64 1888 1895 67 |
| 13 | 85 | 59 | 72 | .01 | Cloudy | 1875 | 1882 70 1889 1896 67 |
| 14 | 86 | 57 | 72 | 0 | Clear | 1876 | 1883 1890 1897 69 |
| 15 | 87 | 50 | 68 | 0 | Clear | 1877 | 1884 1891 1898 70 |
| 16 | 83 | 52 | 68 | 0 | Clear | Mean temperature for this month for 9 years | |
| 17 | 89 | 50 | 70 | 0 | Clear | Average + excess of daily mean temp. during month | |
| 18 | 94 | 48 | 71 | 0 | Clear | Accumulated + deficiency of daily mean temp. since Jan. 1 | |
| 19 | 92 | 54 | 73 | 0 | Clear | Average daily + deficiency since January 1 | |
| 20 | 94 | 52 | 73 | 0 | Clear | Prevailing direction of wind North, 36% | |
| 21 | 89 | 61 | 75 | 0 | Clear | Total movement of wind 6529 miles | |
| 22 | 81 | 51 | 66 | 0 | Clear | * Maximum velocity of wind, direction, and date 42-NW | |
| 23 | 87 | 41 | 64 | 0 | Partly Cloudy | TOTAL PRECIPITATION 0.34 inches | |
| 24 | 92 | 44 | 68 | 0 | Clear | Number of days with .01 inch or more of precipitation 3 | |
| 25 | 91 | 43 | 67 | 0 | Partly Cloudy | TOTAL PRECIPITATION (in inches) for this month in | |
| 26 | 95 | 49 | 72 | 0 | Clear | 1871 | 1878 1885 1892 0.20 |
| 27 | 91 | 62 | 76 | T | Clear | 1872 | 1879 1886 1893 0.36 |
| 28 | 91 | 50 | 70 | 0 | Partly Cloudy | 1873 | 1880 0.95 1887 1894 0.58 |
| 29 | 77 | 61 | 69 | .10 | Cloudy | 1874 | 1881 0.07 1888 1895 0.11 |
| 30 | 75 | 56 | 66 | .23 | Cloudy | 1875 | 1882 1889 1896 1.08 |
| 31 | 78 | 49 | 64 | T | Cloudy | 1876 | 1883 1890 1897 T |
| | | | | | | 1877 | 1884 1891 1898 0.54 |
| | | | | | | Average precipitation for this month for 9 years | |
| | | | | | | Total + deficiency in precipitation during month | |
| | | | | | | Accumulated + deficiency in precipitation since Jan. 1 | |
| | | | | | | Number of clear days 23 Partly cloudy days 3 Cloudy days 5 | |
| | | | | | | Dates of frost { Light Heavy Killing } None. | |

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.

W. M. Carson