

Form No. 1030-Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

MONTHLY
METEOROLOGICAL SUMMARY.

STATION

Idaho Falls Ida

MONTH

December 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, DECEMBER Dec. 189 8

Date.	TEMPERATURE.			Precipitation, in inches and hundredths.	Character of day.	SUMMARY.	BEST AVAILABLE RECORD
	Max.	Min.	Mean.				
1	36	29	32	.04	Cloudy	MEAN ATMOSPHERIC PRESSURE <u>30.54</u>	
2	32	10	21	0	Clear	Highest pressure <u>30.98</u> date <u>23</u>	
3	20	6	13	0	Partly cloudy	Lowest pressure <u>29.79</u> date <u>28</u>	
4	26	8	17	0	Cloudy	MEAN TEMPERATURE <u>12</u>	
5	26	10	18	.03	Clear	Highest temp <u>39</u> date <u>28</u> Lowest temp <u>-19</u> date <u>9</u>	
6	13	-5	4	0	Cloudy	Greatest daily range of temperature <u>32</u> date <u>11</u>	
7	12	-14	0	0	Cloudy	Least daily range of temperature <u>4</u> date <u>30</u>	
8	18	-9	4	0	Clear	MEAN TEMPERATURE for this month in	
9	13	-19	-3	0	Clear	1871 1878 1885 1892	20
10	11	-18	-4	0	Clear	1872 1879 1886 1893	28
11	15	-17	-1	0	Clear	1873 1880 <u>23</u> 1887 1894	19
12	16	-12	2	0	Clear	1874 1881 <u>27</u> 1888 1895	14
13	15	-12	2	0	Clear	1875 1882 <u>25</u> 1889 1896	27
14	21	-4	8	0	Cloudy	1876 1883 1890 1897	19
15	21	-1	10	0	Partly cloudy	1877 1884 1891 1898	12
16	18	-7	6	0	Cloudy	Mean temperature for this month for <u>10</u> years	21
17	25	3	14	0	Clear	Average <u>Deficiency</u> of daily mean temp. during month <u>9</u>	
18	25	0	12	0	Cloudy	Accumulated <u>Deficiency</u> of daily mean temp. since Jan. 1 <u>6.23</u>	
19	35	23	29	.02	Cloudy	Average daily <u>Deficiency</u> since January 1 <u>1.6</u>	
20	31	19	25	.01	Cloudy	Prevailing direction of wind <u>North</u> <u>31</u>	
21	23	3	13	0	Cloudy	Total movement of wind <u>3773</u>	
22	21	2	12	.02	Cloudy	*Maximum velocity of wind, direction, and date <u>42, S, 28</u>	
23	13	-8	2	0	Partly cloudy	TOTAL PRECIPITATION <u>0.76</u> inches.	
24	19	3	11	0	Cloudy	Number of days with .01 inch or more of precipitation <u>9</u>	
25	22	10	16	0	Cloudy	TOTAL PRECIPITATION (in inches) for this month in	
26	26	-17	-2.2	0	Cloudy	1871 1878 1885 1892	5.10
27	30	21	26	.02	Cloudy	1872 1879 1886 1893	0.59
28	39	25	32	7	Cloudy	1873 1880 <u>4.50</u> 1887 1894	1.16
29	25	6	16	.52	Partly cloudy	1874 1881 <u>0.80</u> 1888 1895	1.01
30	17	13	15	.08	Cloudy	1875 1882 <u>1.24</u> 1889 1896	0.82
31	18	6	12	.02	Cloudy	1876 1883 1890 1897	1.59
						1877 1884 1891 1898	0.76
						Average precipitation for this month for <u>10</u> years	1.41
						Total <u>Deficiency</u> in precipitation during month <u>5.77</u> inches.	
						Accumulated <u>Deficiency</u> in precipitation since Jan. 1 <u>4.69</u> inches.	
						Number of clear days <u>9</u> Partly cloudy days <u>4</u> Cloudy days <u>18</u>	
						Dates of frost { Light _____ Heavy _____	
						mean max. temp. <u>22.0</u>	
						mean min. temp. <u>2.9</u>	

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.K.

J.J. Kelliker

Weather Bureau.