

HAWAII EXPERIMENT STATION,

Bulletin No. 13.

1898.

UNIVERSITY OF IDAHO AGRICULTURAL EXPERIMENT STATION.

MOSCOW, IDAHO.

DEPARTMENT OF PHYSICS.

Meteorology.

By J. E. BONEBRIGHT.

LEWISTON
TRIBUNE JOB ROOMS
1898

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BULLETINS.

The regular bulletins of the Station are sent free to all who request them.
Bulletins issued since the close of the fiscal year, June 30, 1897:

11. Smuts and Rusts of Grain in Idaho, and the Most Approved Methods of Dealing With Them.
12. Sugar Beets in Idaho.
13. Meteorology.

IDAHO METEOROLOGY.

J. E. BONEBRIGHT.

In this bulletin will be found the monthly and yearly summaries of the more important meteorological records taken by the Experiment Station of the University of Idaho, at Moscow for 1894, '95, '96, '97, at Grangeville for 1894, '95, '96, and at Nampa for 1894, '95, '97. We are indebted to Mr. E. G. Nettleton for the Nampa records for 1897.

In addition to the summaries given in this bulletin the meteorologist has records of storms, soil, temperature, and the direction and velocity of the wind.

The records of the three Stations given cover fairly well the different climatic conditions of Idaho, but in order to answer questions more in detail the Department has secured records from the U. S. Government Meteorological Stations of Idaho. The meteorologist would consider it a favor to furnish information to any one wishing a more detailed statement of Idaho weather.

EXPLANATION OF TABLES.

During the year 1894 the daily readings were taken at 7 A. M., 2 P. M. and 9 P. M. Since 1894 the daily readings were taken at 7 A. M. and 7 P. M. All temperatures are given in Fahrenheit degrees. The first mean temperatures are computed from the maximum and minimum temperatures, and the second mean temperatures are taken from the daily readings of the dry bulb. The snowfall in inches can be determined by multiplying the record of melted snow by ten. The barometric pressure is given in inches of mercury. Relative humidity is given as a per cent. of full saturation. The growing season covers the months from April to September.

The Instruments used were all of U. S. Government standard and the averages were computed according to Government methods.

Moscow, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|-------------|--------------|-------------------------|-------------|-------|--------------|--------------|----------------------|-----------|------------|
| | Max | Min. | First Mean. | Second Mean. | Rainfall | Melted Snow | Total | Mean. Inches | Range Inches | Days Clear | Days Fair | Days Cl'dy |
| 1894 | | | | | | | | | | | | |
| Jan. | 45 | -3 | 27.3 | 21.0 | 1.78 | 4.23 | 6.01 | 27.154 | 1.010 | 2 | 2 | 27 |
| Feb. | 45 | -8 | 25.6 | 52.2 | .... | 2.98 | 2.98 | 27.273 | 1.132 | 11 | 9 | 8 |
| Mar. | 58 | 12 | 37.3 | 39.0 | 1.42 | 1.01 | 2.43 | 27.207 | 1.052 | 13 | 5 | 13 |
| April | 76 | 25 | 46.5 | 47.4 | 1.38 | .... | 1.38 | 27.261 | .699 | 7 | 8 | 15 |
| May | 86 | 30 | 54.5 | 57.4 | 1.53 | .... | 1.53 | 27.207 | .560 | 15 | 7 | 9 |
| June | 84 | 32 | 57.3 | 62.0 | 1.23 | .... | 1.23 | 27.166 | 1.661 | 19 | 3 | 8 |
| July | 93 | 40 | 71.7 | 78.0 | .12 | .... | .12 | 27.332 | .517 | 29 | 2 | 0 |
| Aug. | 96 | 34 | 67.5 | 70.5 | .25 | .... | .25 | 27.269 | .346 | 26 | 3 | 2 |
| Sept. | 85 | 32 | 53.8 | 58.8 | .89 | .... | .89 | 27.233 | .602 | 25 | 2 | 3 |
| Oct. | 74 | 28 | 46.2 | 40.4 | 3.70 | .... | 3.70 | 27.255 | .614 | 9 | 9 | 13 |
| Nov. | 57 | 20 | 41.0 | 42.7 | 1.48 | .73 | 2.21 | 27.425 | .739 | 12 | 6 | 12 |
| Dec. | 48 | 3 | 29.3 | 25.6 | 1.07 | .08 | 1.15 | 27.380 | .910 | 13 | 3 | 15 |
| Sum. | 847 | 245 | 558.0 | 595.0 | 14.85 | 9.03 | 23.88 | 327.162 | 9.842 | 181 | 59 | 125 |
| M'n. | 70.5 | 20.4 | 46.5 | 40.5 | 1.35 | .... | 1.99 | 27.263 | .820 | .... | .... | .... |

Moscow, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|------------|-------------|-------------------------|-------------|-------|-------------|--------------|------------|----------------------|------------|--|
| | Max. | Min. | First Mean | Second Mean | Rainfall | Melted Snow | Total | Mean inches | Range inches | Days clear | Days Fair | Days Cld'y | |
| 1895 | | | | | | | | | | | | | |
| Jan. | 46 | 1 | 28.6 | 29.3 | .12 | 2.01 | 2.13 | 27.360 | .808 | 9 | 6 | 16 | |
| Feb. | 47 | 9 | 32.7 | 33.7 | .72 | .22 | .94 | 27.410 | .440 | 10 | 9 | 9 | |
| Mch. | 56 | 12 | 36.8 | 39.1 | ..... | 1.16 | 1.16 | 27.430 | .560 | 19 | 3 | 9 | |
| Ap'l. | 76 | 26 | 48.6 | 48.1 | 1.14 | .16 | 1.30 | 27.430 | .700 | 12 | 5 | 13 | |
| May | 81 | 30 | 51.2 | 51.9 | 2.17 | .... | 2.17 | 27.410 | .640 | 22 | 2 | 7 | |
| June | 96 | 33 | 57.4 | 59.4 | .41 | .... | .41 | 27.440 | .800 | .. | .. | .. | |
| July | 92 | 41 | 65.0 | 72.7 | .90 | .... | .90 | 27.226 | .543 | 29 | 1 | 1 | |
| Aug. | 94 | 33 | 62.2 | 74.5 | .32 | .... | .32 | 27.280 | .567 | 26 | 3 | 2 | |
| Sept. | 84 | 28 | 48.4 | 49.8 | 3.33 | .... | 3.33 | 27.369 | .944 | 20 | 2 | 8 | |
| Oct. | 74 | 21 | 45.3 | 46.1 | ..... | .... | ..... | 27.390 | .903 | 27 | 2 | 2 | |
| Nov. | 67 | 10 | 37.8 | 41.5 | 1.12 | .22 | 1.34 | 27.375 | .790 | 3 | 1 | 26 | |
| Dec. | 56 | -1 | 32.2 | 32.2 | ..... | 1.81 | 1.81 | 27.361 | .610 | 2 | 2 | 27 | |
| Sum. | 869 | 243 | 546.2 | 578.3 | 10.23 | 5.58 | 15.81 | 328.481 | 8.377 | 179 | 36 | 120 | |
| M'n | 72.4 | 20.2 | 45.5 | 48.2 | 1.02 | ..... | ..... | 27.373 | .698 | ... | ... | ... | |

Moseow, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|-------------|--------------|-------------------------|-------------|-------|-------------|--------------|----------------------|-----------|------------|
| | Max. | Min. | First Mean. | Second Mean. | Rainfall | Melted Snow | Total | Mean-Inches | Range Inches | Days Clear | Days Fair | Days Cld'y |
| 1896 | | | | | | | | | | | | |
| Jan. | 48 | 20 | 36.0 | 35.4 | .9 | .20 | .29 | 27.365 | .806 | 2 | 0 | 20 |
| Feb. | 57 | 25 | 40.6 | 40.1 | 1.27 | .... | 1.27 | 27.307 | .666 | 7 | 2 | 20 |
| Mar. | 68 | 18 | 40.4 | 39.0 | 1.11 | .... | 1.11 | 27.283 | .684 | 8 | 5 | 18 |
| April | 68 | 26 | 44.9 | 42.5 | .57 | .... | .57 | 27.324 | .741 | 10 | 12 | 8 |
| May | 84 | 31 | 47.4 | 46.5 | 3.01 | .59 | 3.60 | 27.383 | .768 | 13 | 4 | 14 |
| June | 92 | 34 | 60.3 | 61.1 | 2.21 | .... | 2.21 | 27.392 | .661 | 30 | 0 | 0 |
| July | 97 | 40 | 69.9 | 70.4 | .17 | .... | .17 | 27.320 | .282 | 30 | 0 | 1 |
| Aug. | 93 | 38 | 65.0 | 67.1 | 1.33 | .... | 1.33 | 27.332 | .375 | 26 | 0 | 5 |
| Sept | 85 | 30 | 56.1 | 54.6 | .81 | .... | .81 | 27.338 | .441 | 22 | 0 | 8 |
| Oct. | 76 | 28 | 50.3 | 46.3 | 1.07 | .... | 1.07 | 27.338 | .746 | 17 | 2 | 12 |
| Nov. | 56 | -14 | 30.7 | 26.4 | 4.10 | 1.42 | 5.52 | 27.273 | .981 | 5 | 2 | 23 |
| Dec. | 57 | 20 | 37.9 | 35.9 | 2.65 | .45 | 3.10 | 27.224 | .837 | 7 | 5 | 19 |
| Sum. | 881 | 296 | 579.5 | 565.3 | 18.39 | 2.66 | 21.05 | 327.924 | 7.981 | 177 | 32 | 157 |
| M'n. | 73.4 | 24.6 | 48.1 | 47.1 | 1.53 | .... | 1.75 | 27.327 | .665 | ... | ... | ... |

Moscow, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|-------------|--------------|-------------------------|-------------|-------|--------------|--------------|----------------------|-----------|------------|
| | Max. | Min. | First Mean. | Second Mean. | Rainfall | Melted Snow | Total | Mean. Inches | Range Inches | Days Clear | Days Fair | Days Cl'dy |
| 1897 | | | | | | | | | | | | |
| Jan. | 48 | -12 | 23.9 | 21.6 | .28 | .73 | 1.01 | 27.414 | .879 | 5 | 3 | 23 |
| Feb. | 62 | 10 | 33.5 | 30.3 | 1.00 | 1.19 | 2.19 | 27.278 | .603 | 5 | 3 | 21 |
| Mar. | 56 | 0 | 32.5 | 31.8 | 2.52 | .93 | 3.45 | 27.178 | .528 | 12 | 0 | 19 |
| April | 78 | 32 | 49.7 | 49.8 | .40 | .... | .40 | 27.388 | .562 | 19 | 0 | 11 |
| May | 92 | 32 | 58.8 | .... | 1.20 | .... | 1.20 | 27.374 | .539 | 21 | 0 | 10 |
| June | 89 | 36 | 55.8 | 53.8 | 2.72 | .... | 2.72 | 27.272 | .423 | 25 | 0 | 5 |
| July | 92 | 38 | 62.5 | 69.8 | .85 | .... | .85 | 27.358 | .461 | 26 | 0 | 5 |
| Aug. | 93 | 30 | 64.0 | 72.0 | .35 | .... | .35 | 27.232 | .487 | 29 | 0 | 2 |
| Sept. | 85 | 32 | 52.6 | 59.2 | 1.67 | .... | 1.67 | 27.208 | .495 | 22 | 0 | 8 |
| Oct. | 80 | 31 | 51.4 | .... | 1.10 | .... | 1.10 | 27.306 | .657 | 21 | 3 | 6 |
| Nov. | 59 | 0 | 34.3 | 35.8 | 4.29 | 1.07 | 5.36 | 27.318 | .658 | 5 | 4 | 21 |
| Dec. | 48 | 8 | 28.6 | 30.0 | 2.21 | .35 | 2.56 | 27.525 | .938 | 5 | 2 | 24 |
| Sum | 882 | 237 | 547.6 | 454.1 | 18.59 | 4.27 | 22.86 | 327.851 | 7.230 | 195 | 15 | 155 |
| M'n. | 73.5 | 19.7 | 45.6 | 45.4 | 1.54 | .... | 1.90 | 27.321 | .603 | .... | .... | .... |

Grangeville, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|-------------|-------------|-------------------------|-------------|-------|--------------|--------------|----------------------|-----------|------------|
| | Max. | Min. | First Mean. | Second Mean | Rainfall | Melted Snow | Total | Mean. Inches | Range Inches | Days Clear | Days Fair | Days Cl'dy |
| 1894 | | | | | | | | | | | | |
| Jan. | 47 | 5 | 27.9 | 26.2 | .52 | 4.34 | 4.86 | 26.231 | .821 | 0 | 7 | 24 |
| Feb. | 46 | -2 | 24 | 24.1 | .07 | 1.32 | 1.39 | 26.287 | .875 | 3 | 13 | 12 |
| Mar. | 55 | 15 | 34 | 33.2 | 1.16 | 2.21 | 3.37 | 26.244 | 1.150 | 1 | 15 | 15 |
| April | 70 | 26 | 42 | 42.7 | .75 | 1.10 | 1.85 | 26.341 | .735 | 4 | 6 | 20 |
| May | 83 | 29 | 53 | 52.0 | 2.05 | .25 | 2.30 | 26.286 | .610 | 15 | 7 | 9 |
| June | 81 | 32 | 55 | 53.9 | 4.65 | .... | 4.65 | 26.299 | .485 | 8 | 9 | 13 |
| July | 93 | 41 | 66 | 66.6 | .66 | .... | .66 | 26.423 | .301 | 25 | 4 | 2 |
| Aug. | 95 | 44 | 69 | 69.0 | .38 | .... | .38 | 26.392 | .428 | 15 | 10 | 6 |
| Sept. | 83 | 33 | 53 | 51.0 | 3.39 | .... | 3.39 | 26.332 | .593 | 11 | 5 | 14 |
| Oct. | 71 | 24 | 46 | 44.9 | 3.58 | .04 | 3.62 | 26.324 | .681 | 5 | 13 | 13 |
| Nov. | 62 | 16 | 42 | 41.0 | 1.05 | .20 | 1.25 | 26.464 | .731 | 3 | 5 | 22 |
| Dec. | 45 | 3 | 27 | 26.0 | 2.04 | .... | 2.04 | 26.333 | 1.080 | 9 | 14 | 8 |
| Sum. | 831 | 266 | 538.9 | 530.6 | 20.30 | 9.46 | 29.76 | 315.956 | 8.490 | 99 | 108 | 158 |
| M'n. | 69.2 | 22.1 | 44.9 | 44.2 | 1.69 | .... | 2.48 | 26.329 | .707 | ... | ... | ... |

Grangeville, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|-------------|--------------|-------------------------|-------------|-------|--------------|--------------|----------------------|-----------|------------|
| | Max. | Min. | First Mean. | Second Mean. | Rainfall | Melted Snow | Total | Mean. Inches | Range Inches | Days Clear | Days Fair | Days Cld'y |
| 1895 | | | | | | | | | | | | |
| Jan. | .. | .. | .... | .... | .... | .... | .... | .... | .... | .. | .. | .. |
| Feb. | .. | .. | .... | .. | .... | .... | .... | .... | .... | .. | .. | .. |
| Mar. | 65 | 3 | 35.8 | 34.7 | .35 | 2.44 | 2.79 | 26.248 | .674 | 5 | 8 | 18 |
| April | 74 | 22 | 46.0 | 46.6 | 3.13 | .... | 3.13 | 26.338 | .739 | 9 | 12 | 9 |
| May | 76 | 31 | 50.0 | 49.1 | 4.76 | .... | 4.76 | 26.308 | .913 | 11 | 16 | 4 |
| June | 85 | 32 | 56.0 | 55.3 | 2.09 | .... | 2.09 | 26.427 | .426 | 13 | 12 | 5 |
| July | 90 | 42 | 63.5 | 61.7 | 1.53 | .... | 1.53 | 26.389 | .443 | 22 | 8 | 1 |
| Aug. | 92 | 42 | 66.3 | 66.9 | 1.09 | .... | 1.09 | 26.371 | .367 | 22 | 8 | 1 |
| Sept | 83 | 28 | 51.2 | 49.6 | 2.20 | .10 | 2.39 | 26.335 | .625 | 12 | 7 | 11 |
| Oct. | 75 | 29 | 50.6 | 48.4 | .24 | .... | .24 | 26.444 | .404 | 20 | 5 | 6 |
| Nov. | 61 | 5 | 35.6 | 34.3 | .76 | .44 | 1.20 | 26.406 | .815 | 3 | 19 | 8 |
| Dec. | 52 | 9 | 29.3 | .... | .... | 1.94 | 1.94 | 26.333 | 1.204 | 0 | 8 | 23 |
| Sum. | 753 | 243 | 484.3 | 496.6 | 16.24 | 4.92 | 21.16 | 263.599 | 6.610 | 117 | 103 | 86 |
| M'n. | 75.3 | 24.3 | 48.4 | 49.66 | 1.62 | .... | 2.11 | 26.359 | .661 | ... | .. | ... |

Grangeville, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|---------------|----------------|----------------------------|----------------|-------|----------------|-----------------|-------------------------|-----------|-----------|
| | Max. | Min. | First Mean | Second Mean | Rainfall | Melted Snow | Total | Mean inches | Range inches | Days clear | Days Fair | Days Cldy |
| 1896 | | | | | | | | | | | | |
| Jan. | 55 | 9 | 33.5 | 32.1 | 2.77 | .30 | 3.07 | 26.231 | .837 | 5 | 4 | 22 |
| Feb. | 58 | 13 | 35.4 | 33.7 | 1.17 | 1.01 | 2.18 | 26.391 | .890 | 0 | 12 | 17 |
| Mch. | 64 | -5 | 35.2 | 33.7 | 2.11 | .67 | 2.78 | 26.327 | .942 | 6 | 5 | 20 |
| Ap'l. | 61 | 24 | 40.3 | 38.8 | 2.42 | .85 | 3.27 | 26.213 | 1.253 | .. | .. | .. |
| May | 78 | 28 | 44.9 | 44.5 | 4.94 | 1.53 | 6.47 | 26.267 | .579 | 6 | 15 | 10 |
| June | 89 | 37 | 58.9 | 60.1 | 3.24 | .... | 3.24 | 26.361 | .430 | 15 | 8 | 7 |
| July | 93 | 48 | 70.5 | 69.7 | .92 | .... | .92 | 26.372 | .279 | 13 | 8 | 10 |
| Aug. | 91 | 45 | 67.6 | 65.3 | 1.61 | .... | 1.61 | 26.384 | .306 | 19 | 6 | 6 |
| Sept. | 86 | 31 | 55.6 | 52.8 | 2.14 | .... | 2.14 | 26.377 | .561 | 11 | 10 | 9 |
| Oct. | 77 | 28 | 49.2 | 47.7 | 1.99 | .... | 1.99 | 26.422 | .550 | 11 | 7 | 13 |
| Nov. | 57 | -11 | 28.3 | 28.6 | 1.94 | 1.27 | 3.21 | 26.283 | 1.446 | 2 | 3 | 25 |
| Dec. | 57 | 21 | 37.0 | 37.6 | .86 | .63 | 1.49 | 26.465 | .736 | 2 | 7 | 22 |
| Sum. | 866 | 268 | 557.3 | 544.6 | 26.11 | 6.26 | 32.37 | 316.093 | 8.809 | 90 | 85 | 161 |
| M' n. | 72.16 | 22.3 | 46.4 | 45.3 | 2.17 | .... | 2.69 | 26.341 | .734 | .... | .. | .. |

Nampa, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|-------------|--------------|-------------------------|-------------|-------|-----------|-------|----------------------|-----------|------------|
| | Max. | Min. | First Mean. | Second Mean. | Rainfall | Melted Snow | Total | Mean. | Range | Days Clear | Days Fair | Days Cl'dy |
| 1894 | | | | | | | | | | | | |
| Jan. | 62 | -1 | 33.0 | 30.9 | .56 | .43 | .99 | 27.371 | .773 | 2 | 14 | 15 |
| Feb. | 48 | -7 | 26.7 | 26.6 | .17 | .30 | .47 | 27.478 | 1.020 | 9 | 12 | 7 |
| Mar. | 60 | 20 | 41.5 | 39.5 | .58 | .18 | .76 | 27.331 | 1.100 | 9 | 11 | 11 |
| April | 79 | 22 | 47.3 | 48.3 | 1.72 | .12 | 1.84 | 27.398 | .751 | 13 | 12 | 5 |
| May | 91 | 28 | 57.4 | 59.6 | 1.00 | .... | 1.00 | 27.288 | .711 | 18 | 7 | 6 |
| June | 92 | 32 | 62.2 | 63.3 | .27 | .... | .27 | 27.283 | .517 | 10 | 15 | 5 |
| July | 99 | 40 | 73.8 | 75.5 | .08 | .... | .08 | 27.374 | .435 | 17 | 13 | 1 |
| Aug. | 102 | 41 | 74.8 | 73.0 | .02 | .... | .02 | 27.324 | .336 | 19 | 9 | 3 |
| Sept. | 89 | 32 | 59.2 | 68.9 | .41 | .... | .41 | 27.336 | .783 | 13 | 12 | 5 |
| Oct. | 83 | 24 | 49.5 | 48.8 | 1.69 | .... | 1.69 | 27.377 | .819 | 14 | 11 | 6 |
| Nov. | 68 | 11 | 41.7 | 40.4 | .06 | .... | .06 | 27.540 | .771 | 14 | 10 | 6 |
| Dec. | 50 | 4 | 28.0 | 28.1 | .49 | .67 | 1.16 | 27.448 | 1.123 | 7 | 11 | 13 |
| Sum. | 932 | 246 | 595.1 | 602.9 | 7.95 | 1.70 | 9.65 | 328.548 | 0.139 | 145 | 137 | 83 |
| M'n. | 77.6 | 20.5 | 49.5 | 50.5 | .66 | .... | .80 | 27.379 | .761 | ... | ... | ... |

Nampa, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|-------|-------------|--------------|-------------------------|-------------|-------|-------------|--------------|----------------------|-----------|------------|
| | Max. | Min. | First Mean. | Second Mean. | Rainfall | Melted Snow | Total | Mean Inches | Range Inches | Days Clear | Days Fair | Days Cl'dy |
| 1895 | | | | | | | | | | | | |
| Jan. | 51 | 2 | 28.7 | 28.5 | .06 | .53 | .59 | 27.316 | 1.049 | 8 | 8 | 15 |
| Feb. | 57 | 3 | 29.7 | 30.2 | .10 | .09 | .19 | 27.344 | .804 | 10 | 11 | 7 |
| Mar. | 78 | 12 | 44.7 | 39.8 | .04 | .05 | .09 | 27.352 | .780 | 18 | 5 | 8 |
| April | 85 | 25 | 55.0 | 51.4 | 1.03 | .... | 1.03 | 27.399 | .871 | 18 | 8 | 4 |
| May | 85 | 27 | 56.0 | 56.8 | 1.29 | .... | 1.29 | 27.304 | .895 | 13 | 13 | 5 |
| June | 92 | 30 | 61.2 | 63.3 | .04 | .... | .04 | 27.391 | 6.13 | 23 | 7 | 0 |
| July | 102 | 40 | 71.0 | 71.5 | .31 | .... | .31 | 27.324 | .544 | 25 | 5 | 1 |
| Aug. | 98 | 41 | 69.7 | 70.7 | .11 | .... | .11 | 27.324 | .654 | 19 | 11 | 1 |
| Sept. | 87 | 24 | 56.7 | 57.1 | .61 | .... | .61 | 27.349 | .801 | 14 | 11 | 5 |
| Oct. | 84 | 21 | 52.7 | 50.5 | .... | .... | .... | 27.450 | .439 | 26 | 5 | 0 |
| Nov. | 64 | 7 | 36.7 | 35.9 | .50 | .02 | .52 | 27.468 | .931 | 9 | 10 | 11 |
| Dec. | 50 | 3 | 29.9 | 29.1 | .08 | .47 | .55 | 27.514 | .020 | 4 | 16 | 11 |
| Sum. | 933.0 | 235.0 | 592.0 | 584.8 | 4.17 | 1.16 | 5.33 | 328.735 | 9.401 | 187 | 110 | 68 |
| M'n. | 77.8 | 19.5 | 49.3 | 48.7 | .34 | .23 | .44 | 27.394 | .783 | .... | .... | .. |

Nampa, Idaho.

| Year | Temperature | | | | Precipitation in inches | | | Barometer | | Condition of Weather | | |
|-------|-------------|------|-------------|-------------|-------------------------|-------------|-------|--------------|--------------|----------------------|-----------|------------|
| | Max. | Min. | First Mean. | Second Mean | Rainfall | Melted Snow | Total | Mean. Inches | Range Inches | Days Clear | Days Fair | Days Cl'dy |
| 897 | | | | | | | | | | | | |
| Jan. | .. | .. | .. | .... | .. | .... | .... | ..... | .... | .. | .. | .. |
| Feb. | 57 | 19 | 34 | 29.5 | .46 | .... | .46 | 27.604 | .681 | 7 | 13 | 8 |
| Mar. | 63 | 10 | 36.3 | 33.8 | .70 | .76 | 1.46 | 27.344 | .802 | 2 | 23 | 6 |
| April | 87 | 27 | 50.7 | 49.6 | .96 | .... | .96 | 27.493 | .763 | 16 | 10 | 4 |
| May | 98 | 28 | 63.5 | 63.1 | .49 | .... | .49 | 27.389 | .562 | 18 | 13 | 0 |
| June | 96 | 34 | 63.8 | 65.6 | .60 | .... | .60 | 27.486 | .609 | 11 | 17 | 2 |
| July | 107 | 39 | 69.3 | 68.3 | .23 | .... | .23 | 27.393 | .588 | 23 | 8 | 0 |
| Aug. | 106 | 42 | 75.6 | 75.4 | .12 | .... | .12 | 27.376 | .458 | 25 | 6 | 0 |
| Sept. | 93 | 33 | 62.3 | 59.1 | .61 | .... | .61 | 27.417 | .620 | 15 | 13 | 2 |
| Oct. | 84 | 21 | 49.7 | 44 | 1.11 | .... | 1.11 | 27.469 | .654 | 20 | 6 | 5 |
| Nov. | 72 | 14 | 40.4 | 35.6 | .96 | .04 | 1.00 | 27.476 | .691 | 6 | 12 | 12 |
| Dec. | 49 | 9 | 30.5 | 27.2 | 1.72 | .62 | 2.34 | 27.608 | .896 | 7 | 8 | 16 |
| Sum. | 912 | 276 | 576.1 | 551.2 | 7.96 | 1.42 | 9.38 | 302.055 | 7.324 | 150 | 120 | 55 |
| M'n. | 82.9 | 25 | 52.4 | 50.1 | 72.4 | .... | .85 | 27.459 | .666 | ... | ... | .. |

MISCELLANEOUS DATA.

| | Frosts | | Relative Humidity for Growing Season | | Mean Dew Point for Growing Season |
|----------------------------|-----------------------|-----------------------|--------------------------------------|--------------|-----------------------------------|
| | Latest Killing Spring | Earliest Killing Fall | Mean | Lowest | |
| | | | | | |
| Moscow 1894 | June 11 | Sep. 22 | 74.25 p. ct. | 43.30 p. ct. | 42.6 |
| “ 1895 | May 30 | Sep. 6 | 68.50 “ | 41.00 “ | 39.3 |
| “ 1896 | May 12 | Sep. 17 | 68.50 “ | 41.80 “ | 45.7 |
| “ 1897 | May 27 | Sep. 30 | 67.20 “ | 39.60 “ | 45.1 |
| Grangeville 1894 | June 10 | Sep. 29 | 68.30 “ | 44.00 “ | 38.0 |
| “ 1895 | June 16 | Sep. 19 | 64.60 “ | 28.90 “ | 39.3 |
| “ 1896 | May 17 | Sep. 9 | 67.89 “ | 37.93 “ | 39.7 |
| Nampa 1894 | June 11 | Sep. 14 | 71.10 “ | 39.30 “ | 47.8 |
| “ 1895 | June 17 | Sep. 22 | 74.50 “ | 41.80 “ | 42.4 |
| “ 1896 | May 20 | Sep. 26 | 73.15 “ | 35.27 “ | 47.3 |
| “ 1897 | May 8 | Sep. 4 | 53.90 “ | 33.00 “ | 47.0 |

