

## Weather Report.

Monthly meteorological summary of the North and South Dakota weather service in co-operation with the U. S. Signal Service for March, 1891.

Temperature: Monthly mean, 19.6; highest monthly mean, 26.2 at Millbank; lowest monthly mean, 12.9 at Kelsey; maximum, 64 at Rapid City; minimum, -36 at Wahpeton; range for the states, 100; greatest local monthly range, 92 at New England City; least local monthly range, 62 at Napoleon.

Precipitation: Monthly mean, 1.46 inch; greatest monthly, 6.76 inches at Webster; least monthly, 0.20 of an inch at Oelrichs.

In the U. S. S. S. Weather Review for January 1891, we found a few extremes that we thought were worth mentioning. At Cumbres and Fort Lewis, Colo., and Alta, Utah, the snowfall for the month was 50. inches; and at Calais, Me., Somerset, Pa., and Marquette, Mich. it exceeded 40. inches. The greatest depth on the ground the 31, of January 1891, was reported at Cumbres, Colo., 60. inches.

Summary for Riverside for April, 1891.

Temperature: Monthly mean, 40.3; greatest daily mean, 70; least daily mean, 8; maximum 90; minimum, 0; range, 90.

Precipitation: Monthly, 1.69 inch.

Snowfall, 1.00 inch.

The total snowfall for the winter including September and April, 27.75 inches. I am often asked what that's equivalent is in precipitation. According to the U. S. Standard Rain-gauge, it equals 1.11 inch.

Now about two thirds of the water from the melting snow runs down into the sloughs, creeks and off into the rivers, leaving our cultivated land about 0.33 of an inch of precipitation for all the snow we had last winter, which amounts to about as much to our cultivated soil as one light local shower, after the frost has gone out of the ground.

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