



# North Dakota

## Monthly Climate Summary

November 2010

### Precipitation:

November's percent of normal precipitation ranged from roughly 25% to 300% of normal (Figure 1. High Plains Regional Climate Center). Most of the eastern part of the state and parts of the west central and southwestern part of the state had below normal precipitation. Most of the highest amounts fell along the western edge and north central regions. Precipitation amounts ranged from about 0.15 inches to 2.5 inches. Warm, dry weather stretched from the 1<sup>st</sup> through the 9<sup>th</sup> of November across the state. Light snow fell from the 10<sup>th</sup> through the 11<sup>th</sup> in western ND. The following days from the 12<sup>th</sup> through the 16<sup>th</sup> were relatively dry with scattered pockets of light snow. Western ND had snowfall on the 17<sup>th</sup> and 18<sup>th</sup>. On the 19<sup>th</sup>, snow fell across the upper northern part of the state and the 20<sup>th</sup> had snowfall in the southwest corner. A major storm system from the 21<sup>st</sup> through the 26<sup>th</sup> brought snowfall across the state with blowing snow and some areas receiving freezing drizzle. The storm system caused hazardous travel for many on the Thanksgiving holiday. Fargo was caught in a small band of heavy snow and received a record 12.6 inches on the 22<sup>nd</sup>. Following the 26<sup>th</sup> was a quiet two days but another state wide snowstorm on the 29<sup>th</sup> and 30<sup>th</sup> caused snow and blowing snow with wind gusts of 40 mph.

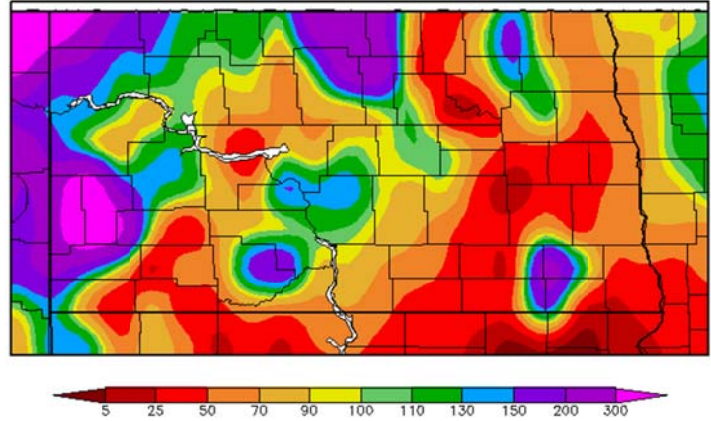


Figure 1. Precipitation Percent of Normal in November 2010 for North Dakota (High Plains Regional Climate Center)

### Temperature:

The North Dakota Agricultural Weather Network (NDAWN) November average air temperatures ranged from 24 °F to 30 °F. NDAWN departure from normal temperatures ranged from -2 °F to 3 °F (Figure 2. North Dakota State Climate Office). The eastern half of the state had above normal average temperatures and the western half had normal to slightly below normal average air temperatures. State wide above normal daily average air temperatures were enjoyed from the 1<sup>st</sup> through the 9<sup>th</sup> of November. Bismarck had a record high temperature of 73 °F on the 6<sup>th</sup>. Grand Forks Airport and Fargo Airport had record high temperatures on the 9<sup>th</sup> of 61 °F and 66 °F, respectively. Average temperatures then hovered at near normal from the 10<sup>th</sup> through the 18<sup>th</sup>. From the 20<sup>th</sup> through the 25<sup>th</sup> average air temperatures for most were 10 to 20 °F below normal. The 26<sup>th</sup> through the 30<sup>th</sup> had below normal or near normal average air temperatures for most areas.

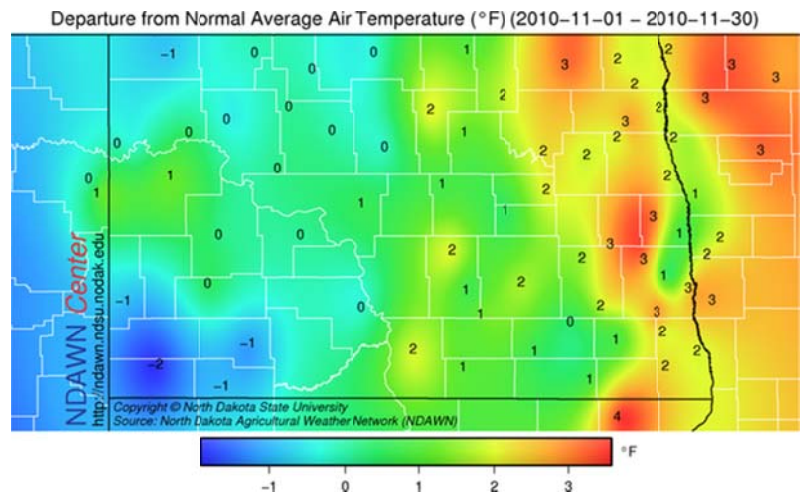


Figure 2. Temperature Departure from Normal in November 2010 for North Dakota (North Dakota State Climate Office)