



# North Dakota

## Monthly Climate Summary

February 2009

### Precipitation:

The greatest majority of the state had above normal precipitation. The East half of the state had primarily between 130% and 200% of normal precipitation. The West half of the state had around 150% through 300% plus, percent of normal precipitation (Figure 1, High Plains Regional Climate Center). February precipitation totals ranged from between 0.3 to 1.2 inches in the East and 0.6 to 1.8 inches plus in the West. Scattered light snows fell throughout the month with two major high precipitation events falling from the 8<sup>th</sup> through the 11<sup>th</sup> and from the 25<sup>th</sup> through the 27<sup>th</sup>. The National Weather Service (NWS) reported breaking several records from the 8<sup>th</sup> through the 10<sup>th</sup> at Bismarck, Jamestown, Grand Forks, Fargo, Minot, and Williston.

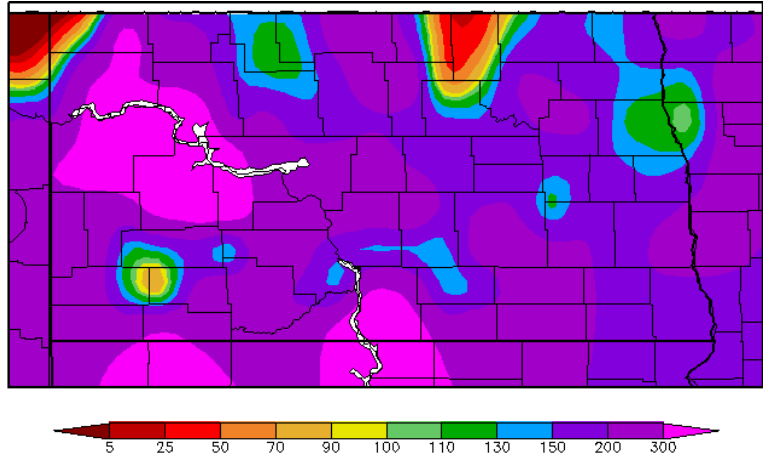


Figure 1. Precipitation Percent of Normal in February 2009 for North Dakota (High Plains Regional Climate Center)

### Temperature:

February average air temperatures ranged from less than 5°F in the North to 20°F in the far Southwest corner with most of the state falling between less than 6°F to 15°F. The temperature departures ranged from 8 degrees below normal in the West, to between 6 degrees below normal to near normal in the East. A small area in the Southwest corner had slightly above normal temperatures (Figure 2, High Plains Regional Climate Center). The first few days of February were very cold but temperatures rebounded from the 5<sup>th</sup> through the 11<sup>th</sup>. The National Weather Service (NWS) recorded record high minimum air temperatures on the 9<sup>th</sup> at Fargo and Bismarck, and on the 10<sup>th</sup> at Grand Forks and Fargo. The last half of the month was cooler than normal for all of North Dakota with extreme cold temperatures on the 26<sup>th</sup> through the 28<sup>th</sup>.

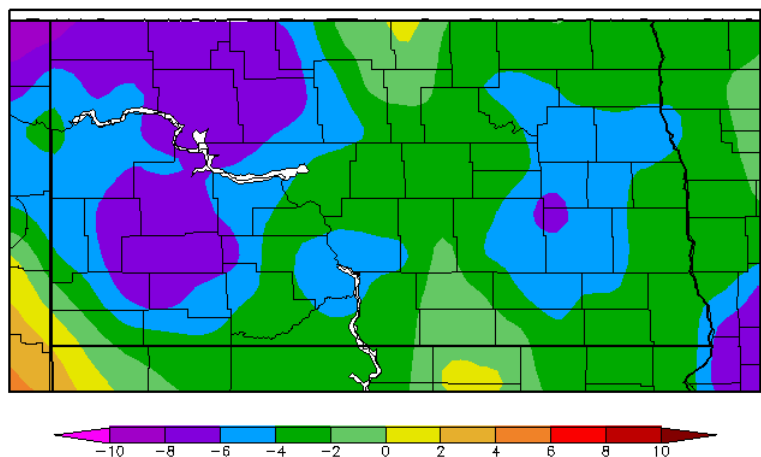


Figure 2. Temperature Departure from Normal in February 2009 for North Dakota (High Plains Regional Climate Center)