



North Dakota

Monthly Climate Summary

February 2009

Precipitation:

All areas across the State had above normal precipitation. The East half of the state had primarily between 150% and 300% of normal precipitation. The West half of the state had between 150% to 500% plus, percent of normal precipitation (Figure 1, North Dakota State Climate Office). February precipitation totals ranged from between 0.5 to 1.25 inches in the East and 0.5 to 2 inches plus in the West. Scattered light snows fell throughout the month with two major high precipitation events falling from the 8th through the 11th and from the 25th through the 27th. The National Weather Service (NWS) reported breaking several records from the 8th through the 10th at Bismarck, Jamestown, Grand Forks, Fargo, Minot, and Williston.

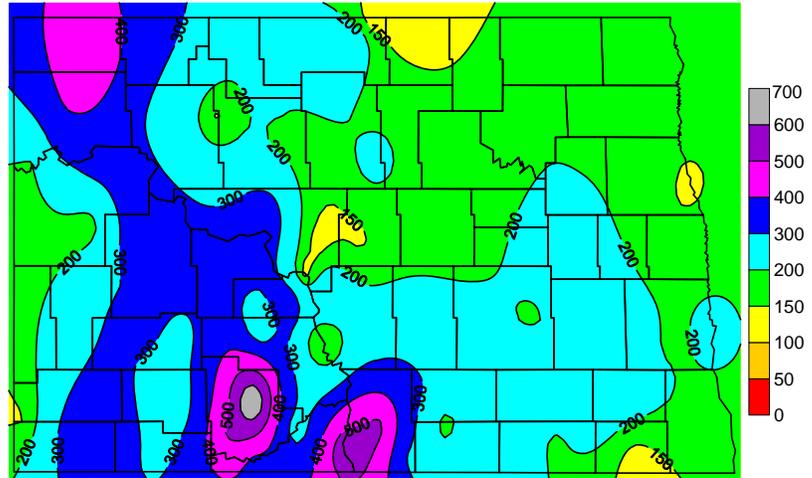


Figure 1. Precipitation Percent of Normal in February 2009 for North Dakota (North Dakota State Climate Office)

Temperature:

February average air temperatures ranged from less than 4°F in the North to 20°F in the far Southwest corner with most of the state falling between less than 4°F to 16°F. The departures were below normal across the State. The temperature departures ranged from 8 degrees below normal, primarily in the Northwest, to 2 degrees below normal in the East and the far Southwest corner (Figure 2, North Dakota State Climate Office). The first few days of February were very cold but temperatures rebounded from the 5th through the 11th. The National Weather Service (NWS) recorded record high minimum air temperatures on the 9th at Fargo and Bismarck, and on the 10th 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 26th through the 28th.

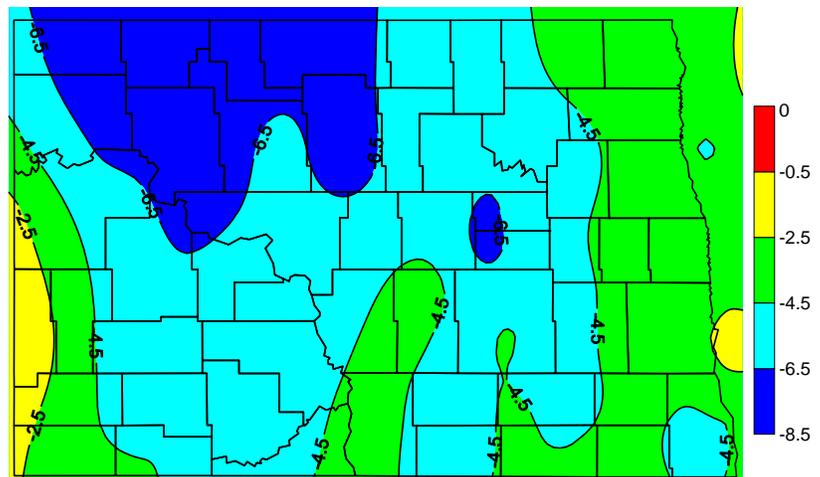


Figure 2. Temperature Departure from Normal in February 2009 for North Dakota (North Dakota State Climate Office)