



North Dakota Monthly Climate Summary

December 2013

Precipitation:

December 2013 precipitation totals were above normal for nearly all of North Dakota (Figure 1). Parts of the east central and northeast had below normal precipitation. A snow storm from the 2nd through the 4th produced varying snowfall totals across the state with between 4 and 10 inches. The greater snowfall totals of 8 to 10 inches fell in parts of the far southwest corner and the northeast. The U.S. Drought Monitor December 31st report listed the northeast corner as abnormally dry with no drought conditions for the remainder of the state.

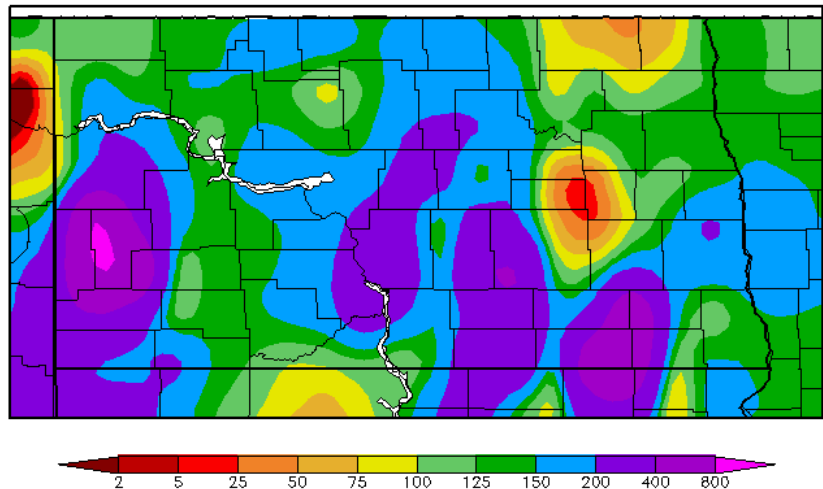


Figure 1. Precipitation Percent of Normal in December 2013 for North Dakota (High Plains Regional Climate Center)

Temperature:

NDAWN December average air temperatures ranged from -2 °F in the north to 11 °F in the southwest. Departure from normal average air temperatures were from 7 °F to 14 °F below normal (Figure 2). Daily average air temperatures were above normal for most on the 1st, 16th through the 18th, and the 25th through the 27th. All other days were generally below or far below normal across the state. The National Weather Service ranked Bismarck December average air temperature as the 18th coldest on record with 7.4 °F, Williston as 17th coldest with 7.5 °F, Fargo as 11th coldest with 4.0 °F, and Grand Forks as 4th coldest with -0.1 °F.

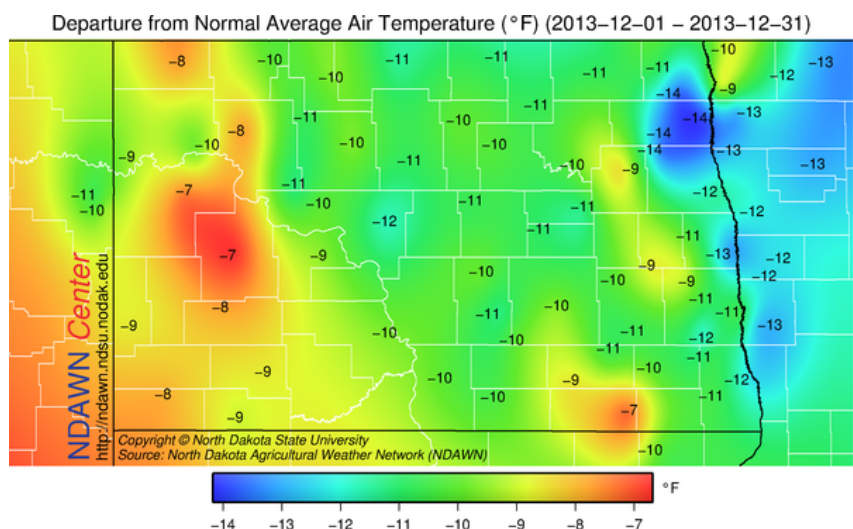


Figure 2. Temperature Departure from Normal in December 2013 for North Dakota (North Dakota Agricultural Weather Network, NDAWN)