



North Dakota Monthly Climate Summary

February 2014

Precipitation:

February 2014 precipitation totals were below average for most of the state (Figure 1). Preliminary statewide average February 2014 precipitation total was 0.18 inches which was 40% lower than the 1981-2010 average of 0.45 inches. A precipitation total of 0.18" puts February 2014 as the 12th driest in the past 120 years. Recent years of February 2005 (0.12") and 2002 (0.13") ranked 5th and 7th driest, respectively. The top three February 2014 snowfall totals were Elgin (COOP) with 9.5", Grand Forks 0.6 WS (CoCoRaHS) with 7.7" and Pembina (WBAN) with 7.5". The U.S. Drought Monitor February 25th report listed the northeast corner as abnormally dry with no drought conditions for the remainder of the state.

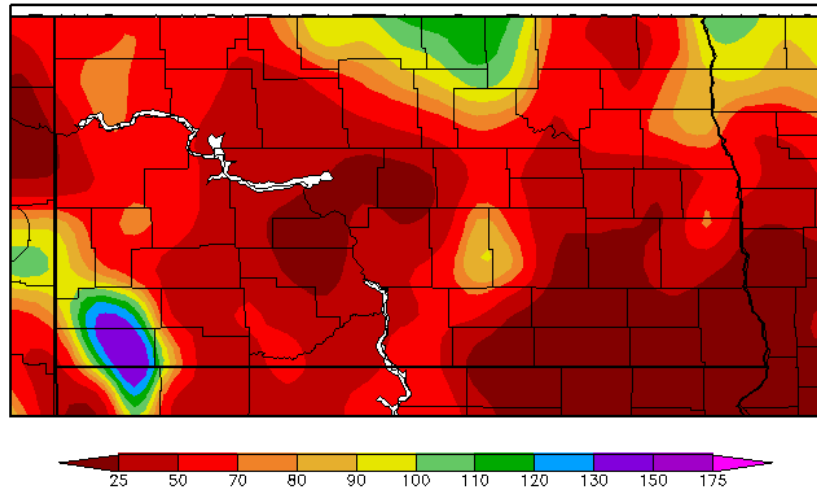


Figure 1. Precipitation Percent of Normal in February 2014 for North Dakota (High Plains Regional Climate Center)

Temperature:

NDAWN February average air temperatures ranged from a minimum of -2 °F in northeast to 11 °F in the southwest. Departure from normal average air temperatures were between 7 °F and 14 °F below normal (Figure 2). The preliminary state average temperature was 5.5 °F which is 10.1 °F below the 1981-2010 average of 15.6 °F. This puts February's rank as 20th coldest in the past 120 years. This ties 2001 which is the most recent year to rank 20th or less. February daily average temperatures were consistently below normal for most places with only a few days from the 17th through the 20th with above normal temperatures.

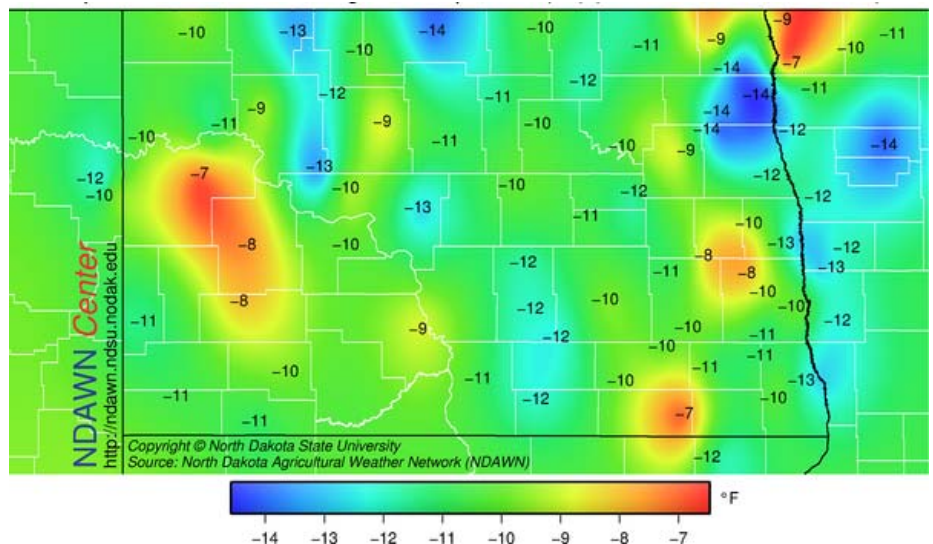


Figure 2. Temperature Departure from Normal in February 2014 for North Dakota (North Dakota Agricultural Weather Network, NDAWN)