

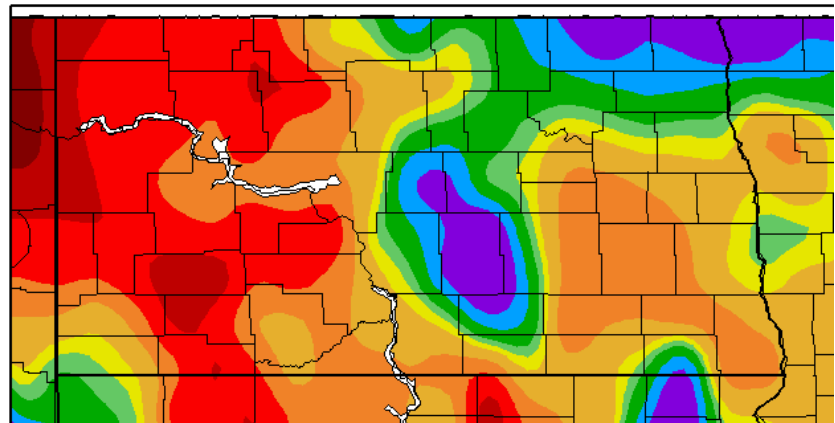


North Dakota Monthly Climate Summary

January 2014

Precipitation:

Preliminary statewide average January 2014 precipitation total was 0.33" that is about 67% of the 1981-2010 average of 0.49". Even though the entire state average was ranked as the 42nd driest January since 1881, there were notable areas receiving much above normal precipitation including central and northeastern ND (Figure 1). The driest parts of the state in the west-central and north eastern ND received only 5 to 25% of normal precipitation. The North Central River Forecast Center issued the spring hydrological outlook delineating probability of the Red River of the North exceeding certain flood stages. Based on the hydrological outlook the Red River in Wahpeton, Fargo, Grand Forks and Pembina has 6, 32, <5, and 20% chance of exceeding their respective major flood stages respectively during the next 3-month period which usually includes the spring flooding period. The U.S. Drought Monitor Jan 28th report listed the northeast corner as abnormally dry with no drought conditions for the remainder of the state.



erated 2/2/2014 at HPRCC using provisional data.

Regional Climate Ce

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

Temperature:

NDAWN January average air temperatures ranged from a minimum of -13 °F in northeast to 24 °F in the West central ND. Departure from normal average air temperatures were from 7 °F below normal to 4°F above normal (Figure 2). The state average temperature based on the preliminary results was 8.1°F which is 2.1°F below the 1981-2010 average. January 2014 was ranked the 63rd coldest January since 1890. The coldest temperature was -34° that was recorded in Turtle Lake on January 6, 2014. The warmest temperature was 69° and was recorded in Dunn Center on Jan 14, 2014.

Departure from Normal Average Air Temperature (°F) (2014-01-01 – 2014-01-31)

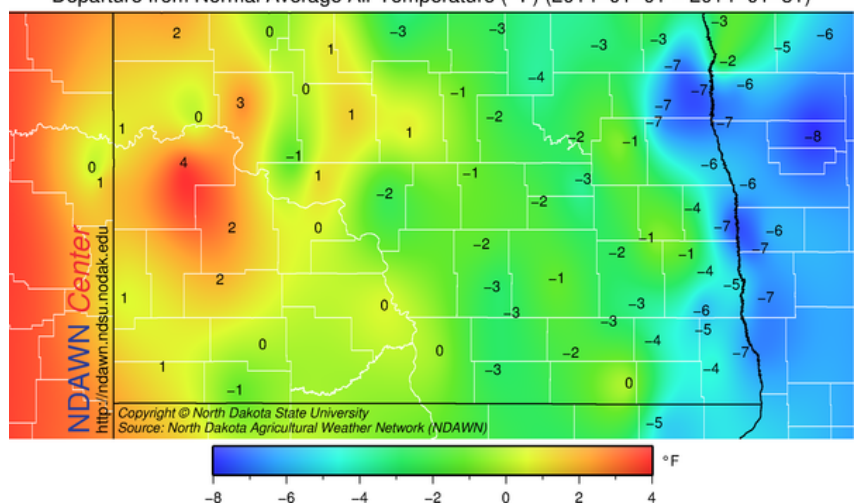


Figure 2. Temperature Departure from Normal in January 2014 for North Dakota (North Dakota Agricultural Weather Network, NDAWN)