



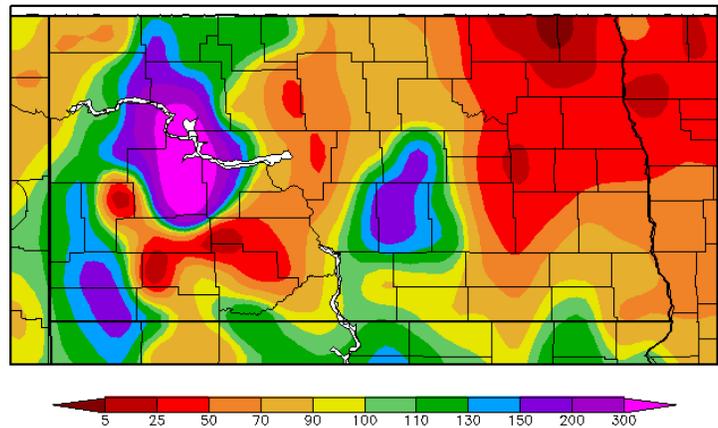
North Dakota Monthly Climate Summary

November 2014

Precipitation:

There were pockets of above average precipitation during November 2014 in both western and far southern North Dakota, but otherwise, the rest of North Dakota recorded below average precipitation for the month (Figure 1). Using data from the Cooperative Network, the statewide average precipitation for November 2014 was 0.57 inches. That is below the 30 year average of 0.68 inches. November was the third consecutive month with below average precipitation in many parts of North Dakota. Because of that recent dryness, the U.S. Drought Monitor now lists 56% of North Dakota in either Abnormally Dry or Moderate Drought conditions.

Percent of Normal Precipitation (%)
11/1/2014 – 11/30/2014



Generated 12/2/2014 at HPRCC using provisional data.

Regional Climate Centers

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

Temperature:

The first week of November 2014 recorded above average temperatures, but the rest of the month was exceptionally cold. In fact, the period from November 10th to the 30th all NDAWN (North Dakota Agricultural Weather Network) stations in North Dakota recorded temperatures from 9 to 15 degrees below normal. The mild start to the month offset that cold snap making the temperature anomalies for the month mostly in the 5 to 10 degrees below average range (Figure 2). The NDAWN average temperature was 20.0 degrees which is 7.3 degrees below the average temperature of 27.3 degrees. That would rank November 2014 as one of the Top 15 coldest Novembers since such records began in 1895.

Departure from Normal Average Air Temperature (°F) (2014-11-01 – 2014-11-30)

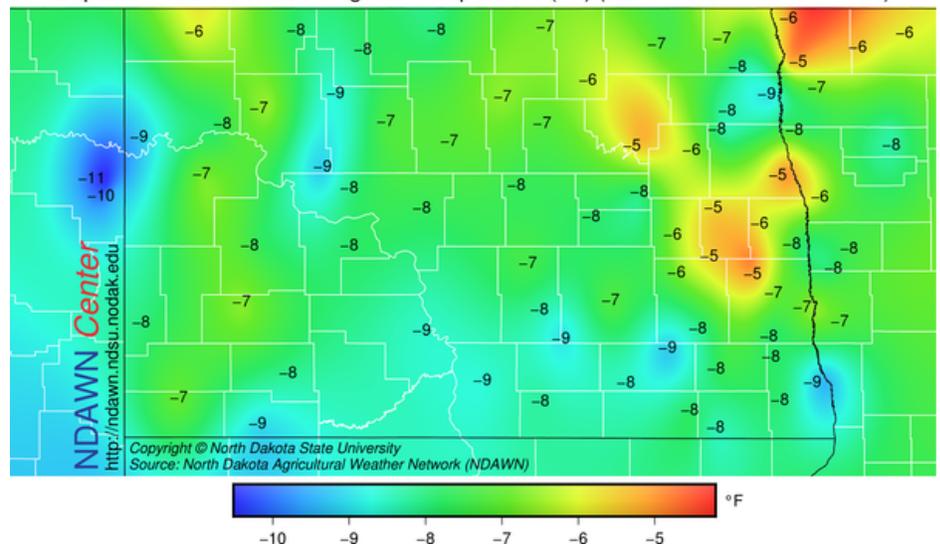


Figure 2. Temperature Departure from Normal in November 2014 for North Dakota (North Dakota Agricultural Weather Network, NDAWN)

Notable Weather:

The persistent cold weather for the final three weeks of November was the most notable weather feature during the month of November. The coldest readings for most of the state occurred on Thanksgiving morning, November 27 (Figure 3). The cold temperatures lead to at least two record lows being recorded that morning. Although the NDAWN station near Jamestown recorded a low of -21 degrees F that morning, the airport (KJMS) dropped to -28 degrees. That was significantly colder than the previous record of -13 degrees set in 1985. The Minot airport also recorded a record low that morning with a minimum temperature of -18 degrees which surpassed the old record of -17 degrees set in 1985.

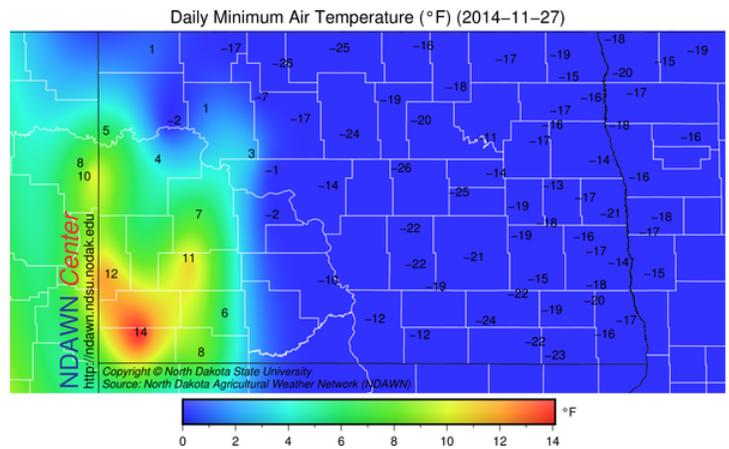


Figure 3. Minimum Temperatures on November 27, 2014 across the North Dakota Agricultural Weather Network (NDAWN)