



North Dakota

Monthly Climate Summary

August 2012

Precipitation:

Based on the North Dakota Agricultural Weather Network (NDAWN), August precipitation in North Dakota ranged from mostly well below normal conditions to well above normal conditions (Figure 1, NDAWN Center). The greatest majority of the state had below normal precipitation with the driest areas of less than 50% of normal in the north western and east central regions. Throughout August the drought conditions did not differ significantly from July. According to the U.S.

Drought Monitor August 28st assessment, 17.5% of the state was experiencing severe drought (D2), and 22% of the state was experiencing moderate drought (D1). Based on the short and medium range forecast, below normal precipitation drought conditions will intensify through the end of the growing season. According to the NASS ND Field Office, 23% of the corn is in mature stage, and 26% and 90% of dry edible beans, and canola respectively are harvested.

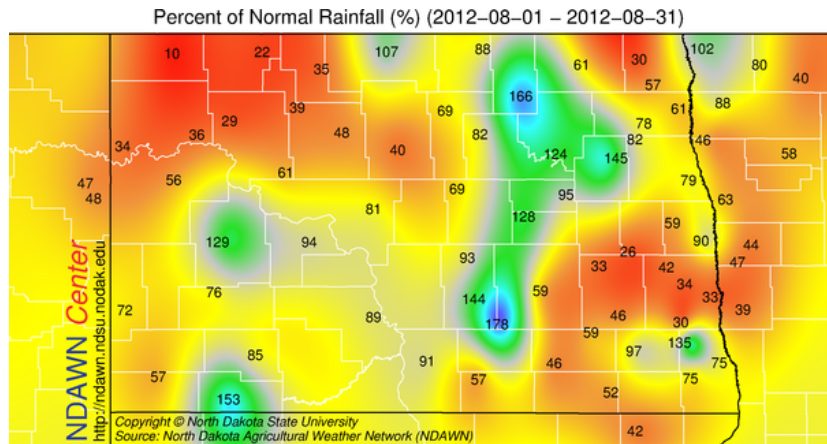


Figure 1. Precipitation Percent of Normal in August 2012 for North Dakota (North Dakota Agricultural Weather Network)

Temperature:

August daily average air temperatures ranged from ~65 °F in the northeast to ~70 °F in the western regions. The departure from normal average air temperatures were below normal across the state with a range of ~2 °F to ~3 °F (Figure 2, NDAWN Center) with the exception of pockets of above normal areas. Below normal temperature conditions slowed down the impacts of below normal precipitation in drought stricken areas. After the official ranking for August is available, this would be the first time ND would have a cooler than normal month after 12 consecutive months of warmer than normal months since June 2011, if August is indeed cooler than normal in ND.

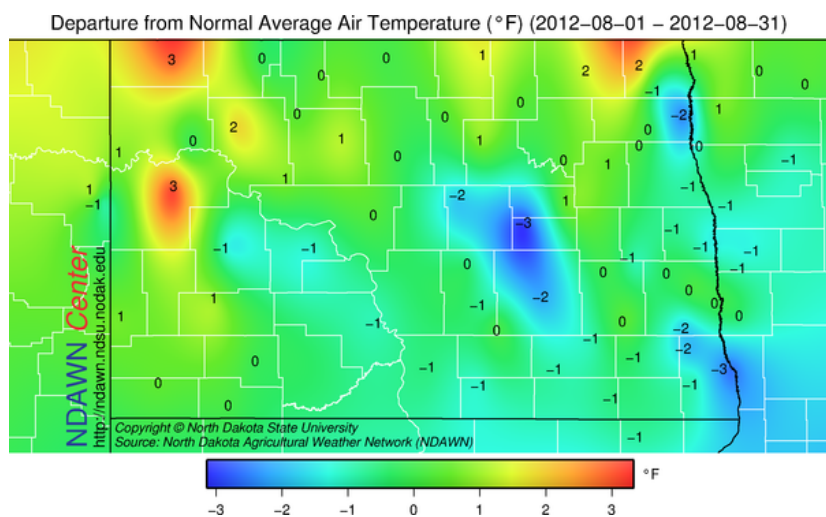


Figure 2. Temperature Departure from Normal in August 2012 for North Dakota (North Dakota Agricultural Weather Network)