



North Dakota

Monthly Climate Summary

November 2011

Precipitation:

The High Plains Regional Climate Center (HPRCC) November percent of normal rainfall ranged from approximately 1% to 50%. (Figure 1. High Plains Regional Climate Center). The northwest corner had the most precipitation ranging from 25% to 50% of normal. Williston ranked 54th driest November since 1895 with 0.39 inches. Minot ranked 17th driest November since 1948 with 0.23 inches. Bismarck ranked 13th driest November with 0.06 inches. Fargo ranked 31st driest November since 1881 with 0.26 inches. Grand Forks ranked 13th driest November since 1893 with 0.12 inches. HPRCC total November precipitation ranged from roughly a trace to 0.4 inches with the higher amounts falling in the northwest and northern regions and amounts of less than 0.2 inches falling most elsewhere. As of December 1st, moderate drought spread into eastern North Dakota after 115 consecutive weeks of no drought conditions any place in North Dakota. It was the longest stretch with no drought in North Dakota's recorded history since the inception of the Drought Monitor in 2000.

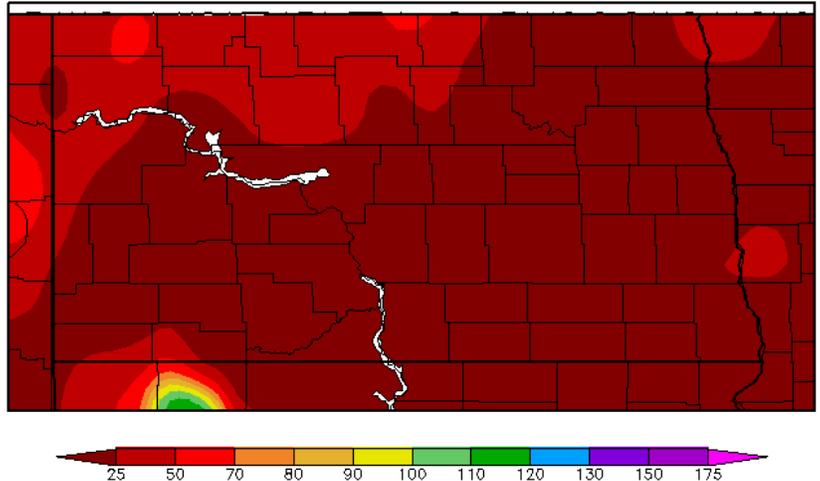


Figure 1. Precipitation Percent of Normal in November 2011 for North Dakota (High Plains Regional Climate Center)

Temperature:

NDAWN November average air temperatures ranged from 26 °F to 33 °F. NDAWN departure from normal temperatures were above normal across the state and ranged from 3 °F to 7 °F (Figure 2. North Dakota State Climate Office). The 1st through the 15th had near normal to above normal temperatures across the state. From the 16th through the 21st temperatures dropped significantly below normal. Temperatures again rebounded to near and above normal temperatures for the remainder of the month. Williston ranked 53rd warmest November since 1895 with 29.0 °F. Minot ranked 17th warmest November since 1948 with 31.2 °F. Bismarck ranked 38th warmest November with 31.4 °F. Fargo ranked 20th warmest November since 1881 with 33.8 °F. Grand Forks ranked 20th warmest November since 1893 with 31.5 °F. Lack of permanent snow pack for many areas contributed to the warm temperatures.

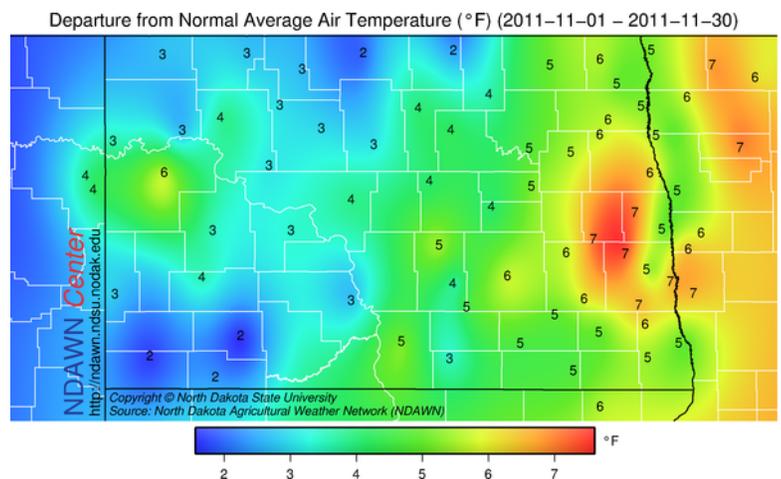


Figure 2. Temperature Departure from Normal in November 2011 for North Dakota (North Dakota State Climate Office)