



# North Dakota Monthly Climate Summary

July 2010

## Precipitation:

Monthly precipitation totals ranged from about 1 to 7 inches. The highest amounts of 4 to 7 inches fell primarily in the southeast with 1 to 4 inches elsewhere. Percent of normal precipitation ranged from approximately 40% to 200%. Areas of the east, southeast, southwest and the far northeast corner had greater than 100% of normal precipitation with less than 100% elsewhere (Figure 1. North Dakota State Climate Office). Daily rainfall events were scattered throughout the month. Most of the Storm Prediction Center's (SPC) reports of high winds, hail, and tornadoes fell on the 13<sup>th</sup>, 20<sup>th</sup>, and 26<sup>th</sup>. The SPC had 87 reported hail events in July. A record setting hailstone was recorded near Vivian, SD on the 23<sup>rd</sup>. The hailstone was 8 inches in diameter with a circumference of 18.625 inches and weighed 1.9375 lbs.

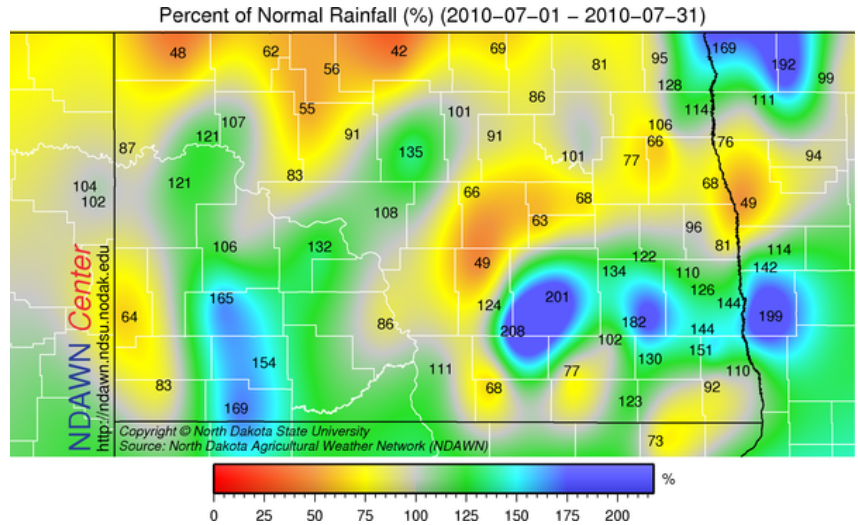


Figure 1. Precipitation Percent of Normal in July 2010 for North Dakota (North Dakota State Climate Office)

## Temperature:

July average air temperatures ranged from 65°F to 73°F with the lower temperatures in the north and higher temperatures in the southeast. July average temperatures were close to normal across the state with western region being slightly below normal and the eastern regions being slightly above normal. Departure from normal average air temperatures ranged from -2.2°F to 3.4°F (Figure 2. North Dakota State Climate Office). July's warm temperatures promoted good crop development throughout most of the month according to the USDA, National Agricultural Statistics Service, North Dakota Field Office.

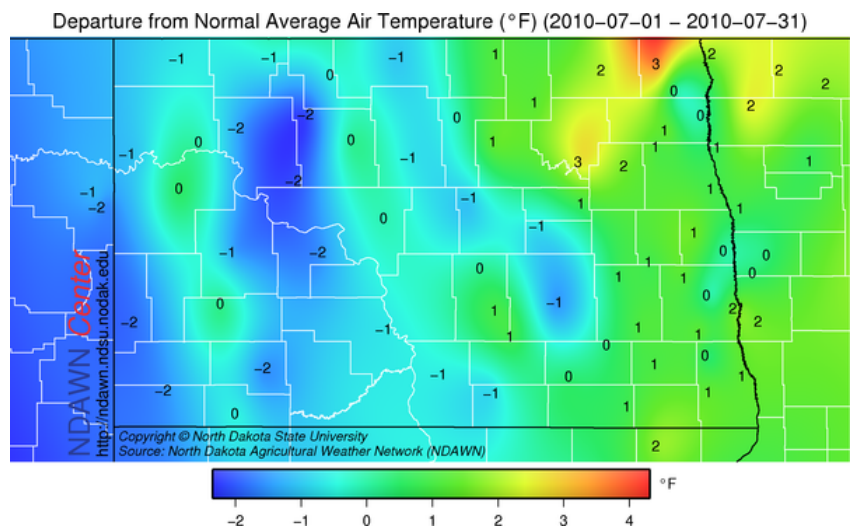


Figure 2. Temperature Departure from Normal in July 2010 for North Dakota (North Dakota State Climate Office)