



North Dakota

Monthly Climate Summary

June 2010

Precipitation:

Monthly precipitation totals ranged from about 2 to 6 inches. The highest amounts of 4 to 6 inches fell primarily in the north central, northeast, and southwest regions. The lowest amounts of 2 to 4 inches fell in the northwest and southeast regions. Percent of normal precipitation ranged from approximately 30% to 200%. The northwest and southeast regions had less than 100% of normal with greater than 100% elsewhere (Figure 1. North Dakota State Climate Office). Daily rainfall events were scattered throughout the month. According to the USDA, National Agricultural Statistics Service, ND Field Office, the wet conditions hampered fieldwork for much of the month. A severe storm on the 17th produced high winds, hail, and tornadoes. Approximately 20 tornadoes were reported across the eastern part of North Dakota and northwestern Minnesota. The tornadoes reported from Holmes ND, Wadena MN, and Almora MN were rated EF4 (166 to 200 mph) by the National Weather Service (NWS). There were three fatalities in MN from the June 17th tornadoes that struck at Almora, Mentor, and Albert Lea. The NWS reported record rainfall on the 17th at Fargo with 1.89 inches, Grand Forks airport with 1.67 inches, and Minot with 3.75 inches.

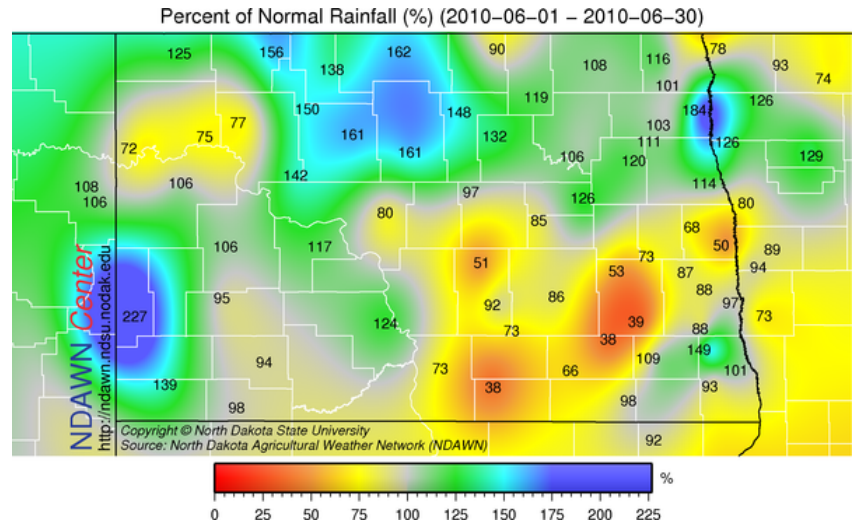


Figure 1. Precipitation Percent of Normal in June 2010 for North Dakota (North Dakota State Climate Office)

Temperature:

June average air temperatures ranged from 60°F to 67°F with the lower temperatures in the north and higher temperatures in the southeast. June average temperatures were near normal across the state. Departure from normal average air temperatures ranged of -3°F to 2°F (Figure 2. North Dakota State Climate Office). The temperatures that were slightly above normal fell in the southeast. Temperatures that were 3°F below normal fell in the northeast.

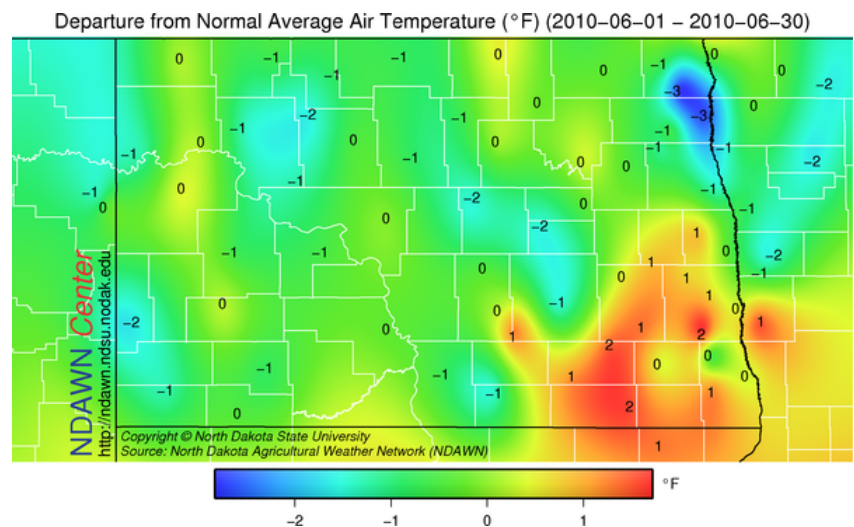


Figure 2. Temperature Departure from Normal in June 2010 for North Dakota (North Dakota State Climate Office)