

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

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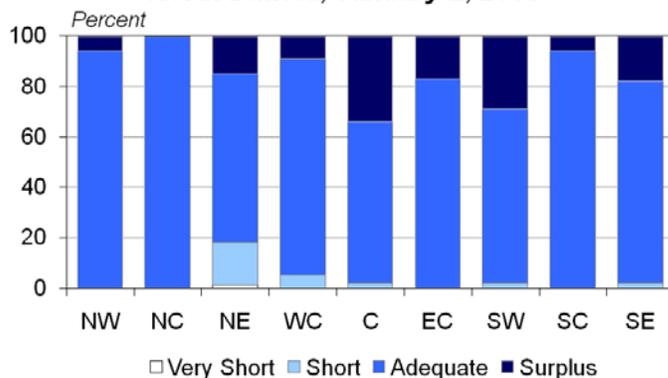
**General:** Below average temperatures and a strong late December snowstorm marked the change from autumn to winter, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Road conditions in some areas made hauling grain and livestock feed difficult, as more than two-thirds of the roads in the state were described as drifted or icy. County and secondary roads on January 2 were rated as 67 percent open, 25 difficult and 8 closed. Road conditions were 45 percent drifted, 23 icy and 32 dry. Agricultural activities during December included moving hay and livestock to winter yards, marketing cattle and removing snow.

Statewide, average snow depth was 18.3 inches on January 2, compared with 11.3 inches at this time last year. The north central, east central and southeast districts reported the highest snow depths, with more than 22 inches received in each. The southwest district reported the lowest snow depth at 8.6 inches.

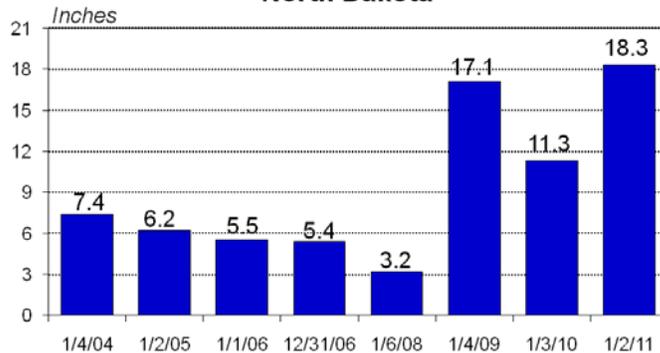
**Crops:** As of January 2, snow cover protection for alfalfa was rated 1 percent poor, 23 adequate and 76 excellent. Snow cover protection for winter wheat was rated 1 percent poor, 20 adequate and 79 excellent.

**Livestock:** Cattle conditions were rated 1 percent poor, 10 fair, 78 good and 11 excellent. Sheep conditions were rated 1 percent very poor, 2 poor, 12 fair, 72 good and 13 excellent. Hay and forage supplies were rated 2 percent short, 83 adequate and 15 surplus.

Hay and Forage Supplies by District  
North Dakota, January 2, 2011



Average Snow Depth by Date  
North Dakota



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**Weather:** Overall, December had below normal temperatures. Precipitation was above normal across much of the state with near normal precipitation in the southwest and northeast. Snowfall amounts of up to 8 inches fell in the northwest, central and southeast on December 3. Another heavy snowfall occurred on December 10 with up to 14 inches in parts of the northwest, and 4 to 8 inches in the central areas of the state. Heavy snow fell in parts of the central and southeast on December 16 with amounts ranging from 4 to 12 inches. Widespread snow fell across much of the state on December 20-21 with amounts ranging from 4 to 10 inches in most areas. Heavy snowfall and blizzard conditions occurred on December 29-31 across much of the state. Snowfall ranged from 4 to 8 inches across much of the state with amounts near 12 inches in the southeast. Other lighter snowfalls occurred as well throughout the month. Most storms tracked from the northwest part of the state to the southeast resulting in much above normal snowfall in these areas.

**Outlook, January:** January will start out with below normal temperatures with near normal precipitation. Below normal temperatures will continue across much of the state for the second week of the month with above normal precipitation. Temperatures for the second half of the month should be near normal with near normal precipitation. Overall for the month of January, the state will see near to above normal temperatures and near to below normal precipitation.

**TEMPERATURE, December 1-31, 2010**

District & Stations	Temperature			
	High <i>Degrees F</i>	Low <i>Degrees F</i>	Average <i>Degrees F</i>	Depart/Norm <sup>1</sup> <i>Degrees F</i>
<b>NORTHWEST</b>				
Bowbells	37	-16	11	-2
Williston	34	-10	11	-2
Mohall	36	-16	9	-4
Minot	33	-14	9	-7
<b>NORTH CENTRAL</b>				
Baker	32	-11	11	1
Bottineau	30	-17	4	-5
Rugby	32	-15	6	-6
<b>NORTHEAST</b>				
Cando	32	-22	5	-11
Cavalier	31	-17	7	-3
Forest River	34	-12	8	-4
Grand Forks	34	-14	8	-4
Langdon	28	-14	6	-2
St. Thomas	31	-11	12	0
<b>WEST CENTRAL</b>				
Hazen	36	-15	9	-7
Turtle Lake	35	-16	9	-4
Waford City	37	-13	12	-6
<b>CENTRAL</b>				
Carrington	34	-13	7	-6
Harvey	34	-15	6	-10
Jamestown	35	-11	11	-4
Robinson	35	-12	7	-9
Streeter	35	-14	9	-4
<b>EAST CENTRAL</b>				
Dazey	35	-12	12	0
Fargo	34	-14	9	-4
Hillsboro	31	-17	10	-3
<b>SOUTHWEST</b>				
Beach	38	-8	15	-4
Bowman	39	-9	14	-4
Dickinson	38	-11	13	-6
Hettinger	39	-9	14	-5
<b>SOUTH CENTRAL</b>				
Mandan	38	-12	11	-5
Linton	38	-10	11	-4
<b>SOUTHEAST</b>				
Edgeley	37	-13	10	-5
Oakes	38	-13	10	-4
Wyndmere	40	-18	9	-7

<sup>1</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.