

South Dakota Weekly Crop Weather Report

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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Another dry week with frost allowed harvest to advance. Statewide average of days suitable for fieldwork was 6.5 days. Major farm activities included moving livestock to row crop stubble and harvesting row crops.

This report is based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

WEATHER INFORMATION

Another quiet weather week across South Dakota resulted in only a few light showers north and east of the Black Hills and in the Aberdeen area, according to the State Climate Office of South Dakota. Reported totals were less than 0.2 of an inch. The limited precipitation again allowed drying of surface soils for further progression on the harvest. Above-average temperatures and windy conditions continued to help dry field conditions across the whole state.

Despite the recent dryness, October overall resulted in 150 to 300 percent of average precipitation over an area south of US Highway 12 and east of a Gettysburg to Martin line. Much of the state outside of this area was below average for the month of October. At least two stations (Centerville and Yankton) unofficially have set record October precipitation totals. Temperatures were 1 to 5° F above average for the month.

SOIL CONDITION

Soil temperatures at 4-inch depth have fallen to 50° F or below over the whole state and should continue downward for the rest of the fall. October precipitation has boosted soil moisture conditions for winter wheat as well as recharged the soil to benefit the spring growing season. Topsoil moisture is rated at 88 percent adequate to surplus, while subsoil moisture is rated at 78 percent. Areas rated in the short to very short categories are mainly in the western third of the state.

FIELD CROPS REPORT

Row crop harvest advanced quickly as conditions remain dry, with some overnight frost. Harvest of soybeans is nearing completion at 95 percent complete, which is almost caught up to the five-year average of 98 percent. Corn harvest is now rated at 72 percent complete placing it back on schedule, only slightly behind last year's 74 percent, but ahead of the five-year average of 69 percent. Sorghum harvest is rated at 91 percent complete, ahead of both last year's 89 percent and the normal of 87 percent. Sunflower harvest rounds out the row crops with harvest rated at 67 percent, an advancement of 25 percentage points over last week. However, it remains behind the normal of 75 percent. Winter wheat is nearly all emerged, with a rating of 97 percent. Some reporters say that the wetter areas may not be harvested until the ground is frozen.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle condition was rated as 91 percent good to excellent. Also, sheep were rated at 92 percent good to excellent. Many producers are moving cattle and feed supplies in preparation for winter.

Feed and Water Supplies Comparison as of November 4, 2007

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	1	13	12	13	24	25
Short	8	26	22	11	28	26
Adequate	82	57	62	66	45	47
Surplus	9	4	4	10	3	2

Soil Moisture Condition Comparison as of November 4, 2007

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	3	4	11	11	10	24
Short	9	9	29	11	11	29
Adequate	78	78	58	69	72	44
Surplus	10	9	2	9	7	3

Crop and Livestock Conditions as of November 4, 2007

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	3	24	60	13
Sunflower	3	6	37	46	8
Cattle	0	1	8	73	18
Sheep	0	1	7	72	20

Crop Progress as of November 4, 2007¹

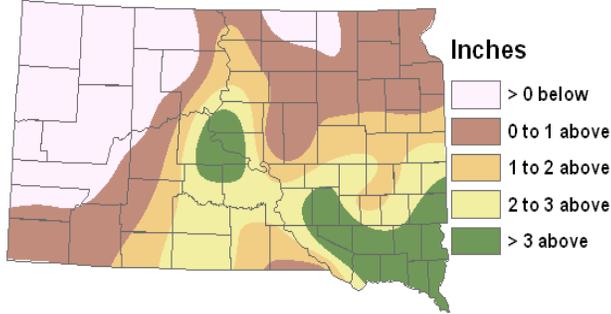
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Emerged	97	93	97	92
Corn				
Grain Harvested	72	50	74	69
Soybeans				
Harvested	95	84	100	98
Sorghum				
Grain Harvested	91	80	89	87
Sunflower				
Harvested	67	42	75	75

¹ Percents represent all acreage in or beyond each stage.

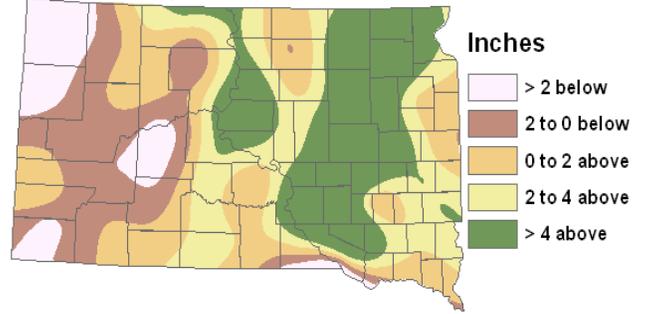
Average Soil Temperatures Week Ending November 4, 2007 (4-inch Depth)

Location	Temp	Location	Temp
Beresford	44	Nisland	45
Brookings	45	Oacoma	50
Caputa	43	Pierre	49
Cottonwood	45	Redfield	46
Gettysburg	NA	South Shore	43

Accumulated Precip Departure from Normal
for Oct 6 to Nov 4, 2007



Accumulated Precip Departure from Normal
for Apr 1 to Nov 4, 2007



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 4, 2007

District and Station	Temperatures Past Week				Precipitation					
	Average	Departure from Normal	High	Low	Total			Departure from Normal		
					Current Week	Since Oct. 1	Since Apr. 1	Since Oct. 1	Since Apr. 1	
<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	
Northwest										
Bison	46	7	76	22	0.00	0.38	13.49	-1.20	-0.68	
Buffalo	45	8	74	24	0.00	0.86	9.99	-0.74	-4.35	
Dupree	46	7	73	22	0.00	1.13	15.72	-0.57	0.64	
McIntosh	44	6	74	20	0.00	0.71	18.02	-0.82	3.97	
Newell	47	7	75	22	0.00	0.87	11.00	-0.65	-1.91	
Timber Lake	47	8	75	23	0.00	0.74	13.77	-1.04	-1.65	
North Central										
Aberdeen	42	4	71	16	0.01	1.48	24.11	-0.31	7.16	
Faulkton	47	9	75	26	0.00	2.27	18.32	0.45	1.65	
Mobridge	46	7	71	20	0.00	2.61	18.16	0.94	3.80	
Roscoe	44	8	73	24	0.00	1.74	17.01	0.03	-0.01	
Northeast										
Britton	47	9	73	27	0.00	1.91	23.15	0.15	5.67	
Clear Lake	45	8	73	26	0.00	3.71	21.71	1.45	0.79	
Sisseton	48	9	70	32	0.00	2.72	23.16	0.70	5.37	
Watertown	44	7	69	23	0.00	2.46	20.33	0.36	1.86	
Webster	45	8	72	27	0.00	2.44	26.28	0.59	7.81	
West Central										
Faith	47	7	73	23	0.00	0.80	16.00	-0.89	1.37	
Milesville	47	7	71	25	0.00	1.75	13.63	-0.11	-2.91	
Philip	48	8	76	20	0.00	1.82	11.87	0.38	-2.45	
Rapid City	47	7	76	24	0.00	0.61	12.79	-0.88	-1.09	
Spearfish	49	9	71	29	0.14	2.14	15.97	-0.14	-1.51	
Central										
Chamberlain	50	9	78	26	0.00	4.02	25.85	2.10	7.33	
Highmore	46	7	72	23	0.00	2.10	21.28	0.15	3.34	
Huron	47	7	73	23	0.00	3.12	26.40	1.37	9.35	
Onida	47	8	71	23	0.00	4.53	23.79	2.79	7.79	
Pierre	47	7	74	23	0.00	5.71	21.13	3.93	4.54	
East Central										
Brookings	42	4	69	18	0.00	4.44	20.70	2.48	1.00	
Forestburg	48	7	74	19	0.00	4.20	26.48	2.26	8.36	
Madison	44	6	69	19	0.00	4.80	24.69	2.67	4.00	
Mitchell	50	9	74	25	0.00	3.29	19.80	1.57	1.29	
Sioux Falls	46	7	70	23	0.00	5.98	24.21	3.83	4.01	
Southwest										
Custer	42	4	67	20	0.00	1.05	18.80	-0.54	1.77	
Hot Springs	46	6	73	21	0.00	1.53	12.52	0.15	-2.32	
Oelrichs	46	5	72	21	0.00	1.55	12.54	0.13	-1.87	
Porcupine	44	5	74	17	0.00	1.89	15.07	0.34	0.28	
South Central										
Kennebec	48	7	78	21	0.00	3.92	16.79	2.31	0.89	
Mission	49	9	76	27	0.00	4.12	19.84	2.41	2.76	
Murdo	49	8	75	28	0.00	4.17	18.98	2.37	2.96	
Winner	51	8	82	21	0.00	3.51	21.21	1.42	1.70	
Southeast										
Armour	49	6	73	21	0.00	6.46	31.22	4.53	12.06	
Centerville	45	3	71	21	0.00	6.18	22.20	4.18	1.69	
Pickstown	50	7	76	26	0.00	3.72	18.16	1.79	-1.29	
Vermillion	50	7	73	23	0.00	5.35	21.51	3.14	0.56	
Yankton	46	3	76	23	0.00	5.83	21.44	3.78	0.64	

DATA AND MAPS SOURCE: State Climate Office of South Dakota