

# South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service

South Dakota Field Office

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Cooperating with:

SOUTH DAKOTA STATE UNIVERSITY  
AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

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For Week Ending October 14, 2012  
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## AGRICULTURAL SUMMARY

Row crop harvested continues to advance ahead of average this past week; as there were 6.9 days suitable for field work. Major activities last week included harvesting row crops, hauling grain, fall tillage, planting winter wheat, and moving cattle to stubble fields.

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

## WEATHER INFORMATION

Temperatures cooled across the state during the week along with scant precipitation. This was a little change in the precipitation pattern with very limited amounts (or none) statewide. The largest amounts were in the west central to southwest. Spearfish had the highest total at 0.33 inches. Most of the rest of the state had totals of 0.12 inches or less. Twenty-six stations had no precipitation.

Average temperatures statewide were mostly in the 40's with a few lower 50's in the western and southern parts of the state. These temperatures were below average except for a few areas of the far west. Temperatures were farthest below at 4-8° F below average in the east to northeast. Daily temperatures are still exhibiting large extremes with 70's very common across the state along with lows falling into the teens. Milesville and Philip shared the high for the week at 77° F. Aberdeen and Centerville shared the low for the week at 17 F.

## SOIL CONDITION

Soil temperatures at the 4 inch depth were largely stable for the week with some increasing slightly and some decreasing slightly. Most of the state still had soil temperatures in the low 50's. Oacoma had the high temperature at 58° F; South Shore and Bowdle had the low at 48° F. Topsoil moisture was rated at 4 percent adequate, 17 percent short and 79 percent very short. Subsoil moisture was rated at 6 percent adequate, 16 percent short and 78 percent very short.

## FIELD CROPS REPORT

Ninety percent of corn for grain has been harvested, up from the 78 percent from the previous week; still well ahead of the five year average of 22 percent. Soybeans harvested were at 98 percent, up from the 94 percent the previous week; well ahead of the five year average of 62 percent. Seventy-four percent of sorghum for grain has been harvested, up from 64 percent harvested the previous week. Forty-six percent of sunflowers have been harvested. Winter wheat was 77 percent planted, behind last year and five year averages of 90 percent and 91 percent, respectively. Eleven percent of winter wheat had emerged, behind last year's estimate of 65 percent and the five year average of 67 percent emerged.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 65 percent good to excellent, 30 percent fair and 5 percent poor. Sheep conditions were rated at 76 percent good to excellent condition, 20 percent fair and 4 percent poor. Stock water supplies were rated at 35 percent very short, 41 percent short and 24 percent adequate. Feed supplies were rated at 18 percent very short, 36 percent short and 46 percent adequate to surplus. Range and pasture conditions were rated at 51 percent very poor, 29 percent poor, 17 percent fair and 3 percent good.

## Feed and Water Supplies Comparison as of October 14, 2012

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	18	0	0	35	1	3
Short	36	3	5	41	7	11
Adequate	44	83	83	24	82	76
Surplus	2	14	12	0	10	10

## Soil Moisture Condition Comparison as of October 14, 2012

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	79	77	8	78	73	9
Short	17	18	39	16	20	34
Adequate	4	5	52	6	7	52
Surplus	0	0	1	0	0	5

## Crop and Livestock Conditions as of October 14, 2012

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sunflower	10	20	42	26	2
Cattle	0	5	30	59	6
Sheep	0	4	20	64	12
Range & Pasture	51	29	17	3	0

## Crop Progress as of October 14, 2012 <sup>1</sup>

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Seeded	77	67	90	91
Emerging	11	8	65	67
<b>Corn</b>				
Grain Harvested	90	78	32	22
<b>Soybeans</b>				
Harvested	98	94	84	62
<b>Sorghum</b>				
Grain Harvested	74	64	56	46
<b>Sunflower</b>				
Harvested	46	26	27	17

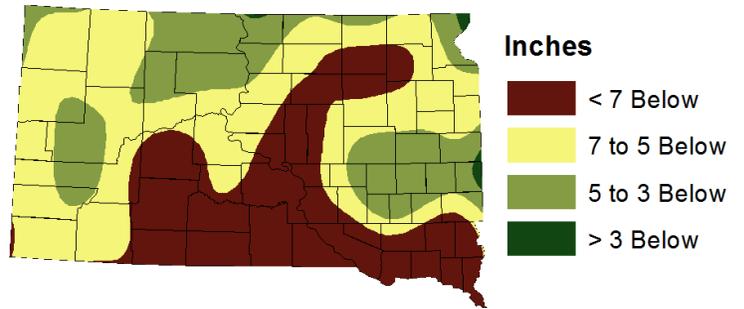
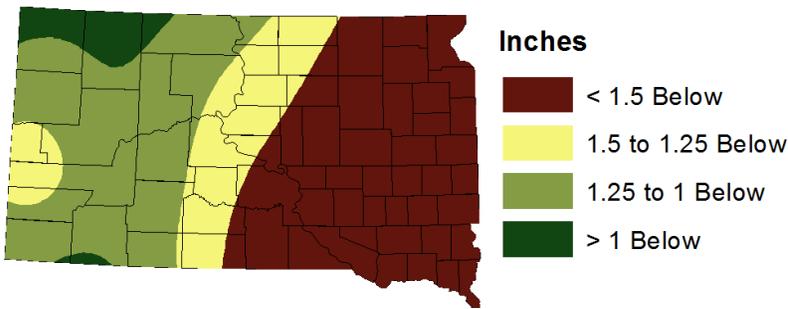
<sup>1</sup> Percents represent all acreage in or beyond each stage.

## Average Soil Temperatures Week Ending October 14, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	51	Nisland	51
Beresford	51	Oacoma	58
Bowdle	48	Parkston	54
Brookings	52	Pierre	53
Caputa	53	Redfield	51
Cottonwood	52	South Shore	48

**PAST 30 DAYS**  
**Accumulated Precip Deviation from Average**  
**From September 15 to October 14, 2012**

**GROWING SEASON**  
**Accumulated Precip Deviation from Average**  
**From April 1 to October 14, 2012**



**TEMPERATURE and PRECIPITATION**  
**Week Ending Sunday, October 14, 2012**

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>	
<b>Northwest</b>									
Bison	45	-5	72	25	0.01	0.23	8.75	-0.49	-7.47
Buffalo	47	0	71	28	0.02	0.08	7.00	-0.04	-7.59
Dupree	45	-5	73	22	0.03	0.23	10.44	-0.56	-3.84
McIntosh	43	-7	72	20	0.00	0.11	9.80	-0.54	-4.58
Newell	43	-6	71	20	0.12	0.24	8.75	-0.41	-4.26
Timber Lake	48	-2	71	22	0.00	0.21	11.51	-0.56	-4.30
<b>North Central</b>									
Aberdeen	44	-3	74	17	0.00	0.02	9.73	-0.99	-9.10
Faulkton	45	-5	75	23	0.00	0.06	10.85	-0.88	-6.96
Mobridge	47	-2	75	20	0.00	0.13	11.77	-0.58	-3.51
Roscoe	43	-5	72	24	0.00	0.00	11.06	-0.91	-7.14
<b>Northeast</b>									
Britton	73	-8	71	19	0.00	0.06	11.88	-0.95	-6.65
Clear Lake	41	-7	63	18	0.00	0.00	14.93	-1.23	-6.94
Sisseton	44	-5	70	19	0.01	0.04	13.13	-1.13	-5.40
Watertown	44	-4	65	20	0.00	0.02	13.62	-0.98	-5.74
Webster	46	-2	67	27	0.00	0.00	15.44	-1.01	-7.75
<b>West Central</b>									
Faith	48	-1	74	29	0.05	0.17	10.36	-0.31	-3.79
Milesville	52	1	77	26	0.00	0.10	8.36	-0.76	-7.95
Philip	50	-1	77	27	0.05	0.05	5.51	-0.65	-9.14
Rapid City	49	-1	74	24	0.00	0.00	9.41	-0.73	-3.55
Spearfish	51	-1	74	26	0.33	0.65	9.97	-0.47	-7.49
<b>Central</b>									
Chamberlain	49	-3	73	24	0.00	0.01	9.87	-1.27	-8.07
Highmore	44	-5	75	21	0.00	0.01	10.67	-0.84	-9.00
Huron	46	-4	69	24	0.00	0.00	13.56	-0.90	-4.34
Onida	49	-2	75	28	0.00	0.00	10.79	-0.86	-5.94
Pierre	49	-2	75	28	0.00	0.00	8.13	-0.87	-7.42
Wessington Spr.	44	-8	67	25	0.00	0.01	16.01	-1.03	-3.93
<b>East Central</b>									
Brookings	41	-7	68	18	0.00	0.05	16.52	-1.08	-4.85
Madison	44	-5	69	18	0.00	0.03	18.95	-1.16	-2.46
Mitchell	49	-3	70	24	0.00	0.00	16.36	-0.88	-2.08
Sioux Falls	48	-2	74	20	0.00	0.00	10.87	-1.17	-8.60
<b>Southwest</b>									
Custer	43	-1	70	24	0.04	0.63	10.45	-0.20	-5.78
Hot Springs	51	0	73	24	0.02	0.07	8.85	-0.57	-5.73
Oelrichs	49	-2	75	22	0.02	0.09	9.19	-0.57	-5.55
Porcupine	49	-1	71	25	0.02	0.02	10.06	-0.82	-6.43
<b>South Central</b>									
Kennebec	51	-1	75	22	0.00	0.07	10.80	-0.72	-6.69
Mission	45	-5	70	24	0.02	0.12	9.03	-0.70	-8.11
Murdo	49	-3	74	26	0.00	0.05	9.50	-0.82	-6.43
Winner	51	-2	73	31	0.00	0.00	8.49	-0.91	-10.09
<b>Southeast</b>									
Academy	47	-4	73	21	0.00	0.02	11.09	-0.98	-8.67
Centerville	47	-4	76	17	0.09	0.09	8.60	-1.14	-12.06
Pickstown	50	-3	74	26	0.04	0.04	9.25	-1.08	-11.19
Vermillion	53	-1	75	22	0.11	0.11	11.68	-1.04	-11.37
Yankton	46	-7	76	22	0.06	0.09	8.59	-1.12	-12.67

DATA AND MAPS SOURCE: State Climate Office of South Dakota