

South Dakota Weekly Crop Weather Report

Released: October 9, 2012 -- 3:00 p.m. CST
For Week Ending October 7, 2012
SD-CW6141 Volume 61 Issue 41



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U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Row crop harvest advanced again this past week with soybean harvest near completion. There were 6.9 days suitable for field work this past week. Major activities last week included harvesting row crops, planting winter wheat, moving cattle to stubble fields and caring for livestock.

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

WEATHER INFORMATION

Light showers teased parts of the state over the weekend providing enough precipitation to settle the dust in a few areas, but make no significant dent in the growing season precipitation deficits, nor slow the harvest pace, according to the State Climate Office of South Dakota. Windier conditions statewide and a final hard freeze statewide were the other main issues of the week.

Precipitation was fairly widespread. But the totals were still fairly limited. More than half the state received some precipitation during the week. Areas of the Black Hills and northwest received the most. Custer reported the most precipitation at 0.59 inches. Fifteen stations reported no precipitation. The lack of precipitation continues to limit soil moisture recovery for next year's growing season and fall seeding of winter wheat and cover crops. The US Drought Monitor increased the areas in D3 and D4 (the highest levels of drought) in western areas of the state in response to this combination of conditions.

Cooler air masses dropped average temperatures for the week. Average temperatures were in the 40's except for a few southern locations. All locations were below average, generally from 3-8° F below the 30 year averages. The highest temperature reported was 90° F at Philip. Many stations had lows falling into the teens. The lowest reported was 14° F at Aberdeen and Highmore. GDD accumulations are no longer being reported because of the end of the growing season.

SOIL CONDITION

Soil temperatures were mainly in the 50's across southern parts of the state and in the upper 40's in the northern parts of the state. Bowdle and South Shore had the low 4 inch soil temperature at 49° F; Oacoma was the warmest at 60° F. Topsoil moisture was rated at 5 percent adequate, 18 percent short and 77 percent very short. Subsoil moisture was rated at 7 percent adequate, 20 percent short and 73 percent very short.

FIELD CROPS REPORT

Seventy-eight percent of corn for grain has been harvested, up from 55 percent from the previous week; still well ahead of the five year average of 12 percent. Soybeans harvested were at 94 percent, up from 79 percent the previous week; well ahead of the five year average of 43 percent. Sixty-four percent of sorghum for grain has been harvested, up from 55 percent harvested the previous week. Ninety-five percent of sunflowers were mature with 26 percent harvested. Winter wheat was 67 percent planted, behind last year and five year averages of 78 percent and 82 percent, respectively. Eight percent of winter wheat had emerged, behind last year's estimate of 40 percent and the five year average of 49 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 74 percent good to excellent condition, 21 percent fair

and 5 percent poor. Stock water supplies were rated at 38 percent very short, 39 percent short and 23 percent adequate. Feed supplies were rated at 18 percent very short, 41 percent short and 41 percent adequate to surplus. Range and pasture conditions were rated at 43 percent very poor, 36 percent poor, 18 percent fair and 3 percent good.

Feed and Water Supplies Comparison as of October 7, 2012

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
Very Short	18	0	0	38	0	3
Short	41	5	5	39	8	10
Adequate	40	82	83	23	82	77
Surplus	1	13	12	0	10	10

Soil Moisture Condition Comparison as of October 7, 2012

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	77	73	13	73	72	10
Short	18	22	44	20	22	38
Adequate	5	5	42	7	6	47
Surplus	0	0	1	0	0	5

Crop and Livestock Conditions as of October 7, 2012

Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Sunflower	15	25	34	25	1
Cattle	0	5	30	59	6
Sheep	0	5	21	63	11
Range & Pasture	43	36	18	3	0

Crop Progress as of October 7, 2012 ¹

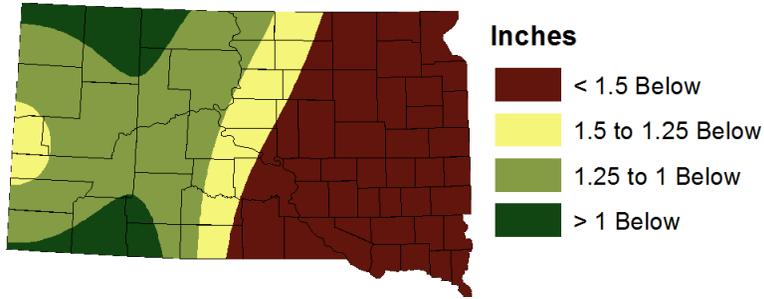
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Seeded	67	50	78	82
Emerg'd	8	5	40	49
Corn				
Grain Harvested	78	55	15	12
Soybeans				
Harvested	94	79	61	43
Sorghum				
Grain Harvested	64	55	31	26
Sunflower				
Mature	95	85	75	61
Harvested	26	14	5	5

¹ Percents represent all acreage in or beyond each stage.

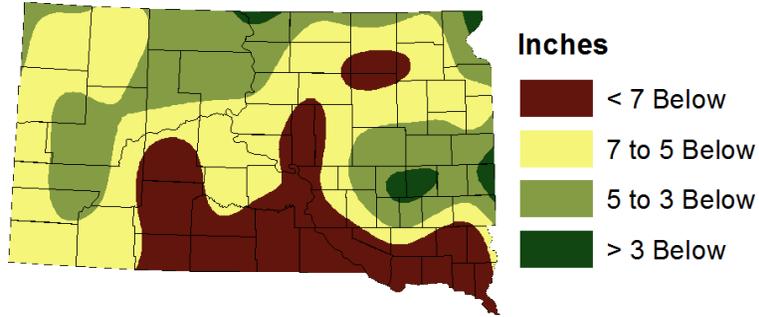
Average Soil Temperatures Week Ending October 7, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	50	Nisland	51
Beresford	54	Oacoma	60
Bowdle	49	Parkston	53
Brookings	51	Pierre	52
Caputa	52	Redfield	51
Cottonwood	51	South Shore	49

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 8 to October 7, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 7, 2012



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 7, 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>	
Northwest									
Bison	45	-8	81	16	0.22	0.22	8.74	-0.17	-7.15
Buffalo	43	-7	79	17	0.06	0.06	6.98	0.02	-7.53
Dupree	48	-5	81	16	0.20	0.20	10.41	-0.20	-3.48
McIntosh	45	-8	83	19	0.11	0.11	9.80	-0.23	-4.27
Newell	48	-4	82	18	0.12	0.12	8.63	-0.23	-4.08
Timber Lake	45	-8	80	17	0.21	0.21	11.51	-0.20	-3.94
North Central									
Aberdeen	44	-7	80	14	0.02	0.02	9.73	-0.52	-8.63
Faulkton	48	-5	86	19	0.06	0.06	10.85	-0.45	-6.53
Mobridge	45	-7	81	23	0.13	0.13	11.77	-0.26	-3.19
Roscoe	47	-4	83	22	0.00	0.00	11.06	-0.50	-6.73
Northeast									
Britton	48	-6	85	17	0.06	0.06	11.88	-0.48	-6.18
Clear Lake	49	-2	82	24	0.00	0.00	14.93	-0.68	-6.39
Sisseton	46	-6	76	24	0.03	0.03	13.12	-0.63	-4.90
Watertown	45	-6	77	21	0.02	0.02	13.62	-0.50	-5.26
Webster	46	-5	73	26	0.00	0.00	15.44	-0.55	-7.29
West Central									
Faith	44	-7	83	16	0.12	0.12	10.31	-0.12	-3.60
Milesville	47	-7	85	16	0.10	0.10	8.36	-0.36	-7.55
Philip	47	-7	90	19	0.00	0.00	5.46	-0.37	-8.86
Rapid City	45	-7	85	18	0.00	0.00	9.41	-0.38	-3.20
Spearfish	49	-5	82	24	0.32	0.32	9.64	-0.29	-7.31
Central									
Chamberlain	48	-7	85	21	0.01	0.01	9.87	-0.74	-7.54
Highmore	48	-4	83	14	0.01	0.01	10.67	-0.45	-8.61
Huron	46	-7	85	19	0.00	0.00	13.56	-0.47	-3.91
Onida	45	-8	84	18	0.00	0.00	10.79	-0.46	-5.54
Pierre	46	-8	86	19	0.00	0.00	8.13	-0.47	-7.02
Wessington Spr.	50	-5	83	23	0.01	0.01	16.01	-0.53	-3.43
East Central									
Brookings	49	-2	82	25	0.05	0.05	16.52	-0.57	-4.34
Madison	51	-1	82	25	0.03	0.03	18.95	-0.64	-1.94
Mitchell	49	-6	86	25	0.00	0.00	16.36	-0.45	-1.65
Sioux Falls	47	-6	80	22	0.00	0.00	10.87	-0.61	-8.04
Southwest									
Custer	40	-6	79	18	0.59	0.59	10.41	0.14	-5.44
Hot Springs	51	-3	86	18	0.05	0.05	8.83	-0.29	-5.45
Oelrichs	48	-5	89	22	0.07	0.07	9.17	-0.29	-5.27
Porcupine	46	-7	89	19	0.00	0.00	10.04	-0.45	-6.06
South Central									
Kennebec	49	-7	87	15	0.07	0.07	10.80	-0.35	-6.32
Mission	47	-6	87	16	0.10	0.10	9.01	-0.35	-7.76
Murdo	50	-5	89	21	0.05	0.05	9.50	-0.43	-6.04
Winner	54	-2	88	22	0.00	0.00	8.49	-0.51	-9.69
Southeast									
Academy	50	-4	86	20	0.02	0.02	11.09	-0.51	-8.20
Centerville	49	-5	83	19	0.00	0.00	8.51	-0.60	-11.52
Pickstown	55	-1	87	25	0.00	0.00	9.21	-0.58	-10.69
Vermillion	49	-8	83	18	0.00	0.00	11.57	-0.59	-10.92
Yankton	49	-7	84	20	0.03	0.03	8.53	-0.61	-12.16

DATA AND MAPS SOURCE: State Climate Office of South Dakota