

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service
South Dakota Field Office
P.O. Box 5068
Sioux Falls, SD 57117-5068
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 28, 2012
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AGRICULTURAL SUMMARY

Despite the rain and wind last week there were still 5.0 days suitable for field work that brought the harvest season even closer to the end. Major activities last week included finishing up row crop harvest, fall tillage, hauling grain and hay, fertilizing, moving cattle to stubble fields and preparing for winter.

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

WEATHER INFORMATION

Storm systems brought lighter precipitation to most of the state over the week with cooler temperatures again, according to the State Climate Office of South Dakota. Statewide averages were in the 30's across the north to low 40's in the south. The whole state ended the week cooler than average again. Most of the eastern part of the state was up to 5° F below average. Western parts ranged from 5° – 10° F below average. Several stations did reach into the 70's again. Mission had the high at 78° F. Many teens were also reported with Custer, Faulkton and Roscoe the coldest at 12° F.

More precipitation did occur across the state. Most was rather light and not very helpful in changing drought conditions. The largest amounts were in the southwest. Hot Springs had the highest total at 0.58 inches. Some of the precipitation fell as snow with several inches reported in places. Dupree had the least for the week with only a trace reported (officially zero precipitation). The US Drought Monitor map showed some decrease in drought level in the northeast part of the state after heavier rains the previous week.

SOIL CONDITION

Soil temperatures at the 4 inch depth took a sharp fall statewide with cooler temperatures and shorter day. All locations now were in the 40's, with the exception of Beresford at 50° F; Cottonwood had the low at 41° F.

Topsoil moisture was rated at 16 percent adequate, 24 percent short and 60 percent very short. Subsoil moisture was rated at 8 percent adequate, 20 percent short and 72 percent very short.

FIELD CROPS REPORT

Winter wheat was 95 percent planted, behind last year and five year averages of 98 percent. Twenty-three percent of winter wheat had emerged, behind last year's estimate of 90 percent and the five year average of 88 percent emerged. There some reports this past week of winter wheat being blown out in some areas due to two days of high winds. Ninety-two percent of sunflower was harvested, ahead of last year's 78 percent and the five year average of 42 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 67 percent good to excellent, 29 percent fair and 4 percent poor. Sheep conditions were rated at 71 percent good to excellent condition, 24 percent fair and 5 percent poor. Stock water supplies were rated at 42

percent very short, 36 percent short and 22 percent adequate. Feed supplies were rated at 22 percent very short, 33 percent short and 45 percent adequate to surplus. Range and pasture conditions were rated at 51 percent very poor, 32 percent poor, 15 percent fair and 2 percent good.

Feed and Water Supplies Comparison as of October 28, 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	22	0	0	42	1	3
Short	33	5	4	36	8	8
Adequate	43	82	84	22	86	79
Surplus	2	13	12	0	5	10

Soil Moisture Condition Comparison as of October 28, 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	60	66	8	72	71	6
Short	24	20	44	20	20	37
Adequate	16	14	47	8	9	54
Surplus	0	0	1	0	0	3

Crop and Livestock Conditions as of October 28, 2012

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	24	37	34	5	0
Cattle	0	4	29	61	6
Sheep	0	5	24	60	11
Range & Pasture	51	32	15	2	0

Crop Progress as of October 28, 2012 ¹

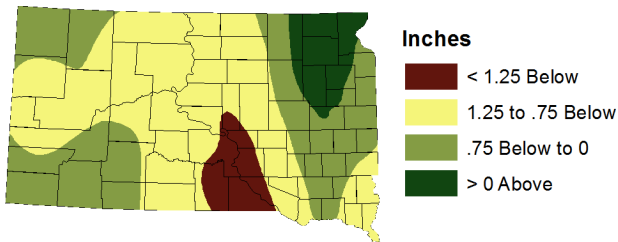
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	95	83	98	98
Emerged	23	13	90	88
Sunflower				
Harvested	92	74	78	42

¹ Percents represent all acreage in or beyond each stage.

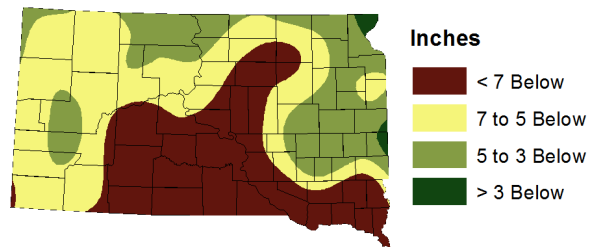
Average Soil Temperatures Week Ending October 28, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	43	Nisland	43
Beresford	50	Oacoma	49
Bowdle	45	Parkston	43
Brookings	47	Pierre	44
Caputa	43	Redfield	44
Cottonwood	41	South Shore	43

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 29 to October 28, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 28, 2012



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 28, 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	35	-9	53	20	0.26	0.51	9.03	-0.85	-7.83
Buffalo	33	-9	46	20	0.36	0.55	7.47	-0.04	-7.59
Dupree	37	-6	56	16	0.00	0.23	10.44	-1.21	-4.49
McIntosh	36	-7	55	14	0.11	0.25	9.94	-1.02	-5.06
Newell	37	-6	55	21	0.26	0.52	9.03	-0.72	-4.57
Timber Lake	36	-7	52	17	0.09	0.31	11.61	-1.14	-4.88
North Central									
Aberdeen	39	-2	61	13	0.06	1.03	10.74	-0.83	-8.94
Faulkton	38	-5	62	12	0.05	0.39	11.18	-1.31	-7.39
Mobridge	38	-5	56	16	0.07	0.38	12.02	-1.02	-3.95
Roscoe	38	-3	57	12	0.11	0.44	11.50	-1.21	-7.44
Northeast									
Britton	41	-3	60	18	0.03	2.55	14.37	0.64	-5.06
Clear Lake	39	-3	60	20	0.20	1.53	16.46	-0.64	-6.35
Sisseton	40	-2	59	21	0.07	2.06	15.15	0.11	-4.16
Watertown	39	-3	59	21	0.10	1.57	15.17	-0.22	-4.98
Webster	38	-4	58	22	0.10	4.08	19.52	2.17	-4.57
West Central									
Faith	35	-8	54	20	0.04	0.26	10.45	-1.12	-4.60
Milesville	38	-7	60	21	0.25	0.45	8.71	-1.17	-8.36
Philip	38	-6	63	20	0.49	0.59	6.05	-0.74	-9.23
Rapid City	36	-8	56	16	0.32	0.44	9.85	-0.88	-3.70
Spearfish	37	-10	76	22	0.44	1.42	10.74	-0.52	-7.54
Central									
Chamberlain	41	-5	68	23	0.34	0.37	10.23	-1.45	-8.25
Highmore	39	-3	66	18	0.11	0.28	10.94	-1.17	-9.33
Huron	41	-3	62	21	0.22	1.09	14.65	-0.57	-4.01
Onida	39	-6	70	18	0.15	0.35	11.14	-1.18	-6.26
Pierre	39	-6	70	18	0.15	0.35	8.48	-1.19	-7.74
Wessington Spr.	40	-6	60	23	0.07	0.49	16.49	-1.41	-4.31
East Central									
Brookings	42	0	62	20	0.18	1.43	17.90	-0.49	-4.26
Madison	43	-1	62	23	0.20	1.33	20.25	-0.69	-1.99
Mitchell	42	-4	63	22	0.09	0.72	17.08	-0.82	-2.02
Sioux Falls	42	-2	60	24	0.22	0.86	11.73	-1.16	-8.59
Southwest									
Custer	33	-7	56	12	0.51	1.29	11.11	-0.12	-5.70
Hot Springs	42	-4	66	20	0.58	0.69	9.47	-0.50	-5.66
Oelrichs	40	-5	70	20	0.54	0.86	9.96	-0.36	-5.34
Porcupine	38	-6	74	23	0.43	0.58	10.62	-1.00	-6.61
South Central									
Kennebec	41	-5	72	21	0.23	0.35	11.08	-1.08	-7.05
Mission	39	-6	78	15	0.40	0.57	9.48	-0.93	-8.34
Murdo	40	-6	73	22	0.29	0.45	9.90	-1.14	-6.75
Winner	40	-7	77	20	0.33	0.36	8.85	-1.61	-10.79
Southeast									
Academy	41	-4	67	22	0.17	0.28	11.35	-1.48	-9.17
Centerville	44	-1	69	23	0.27	0.51	9.02	-1.58	-12.50
Pickstown	45	-2	66	28	0.28	0.47	9.68	-1.51	-11.62
Vermillion	44	-4	71	24	0.43	1.06	12.63	-1.02	-11.35
Yankton	43	-4	67	20	0.44	1.16	9.66	-1.00	-12.55

DATA AND MAPS SOURCE: State Climate Office of South Dakota