

South Dakota Weekly Crop Weather Report

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For Week Ending October 21, 2012
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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Despite the rain and wind last week there were still 5.4 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 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

A strong low pressure area crossed the northern plains late in the week bringing strong winds and rain across the state, according to the State Climate Office of South Dakota. Winds gusting over 60 mph across the state tipped several semis and caused other travel, electrical and structural issues. Rainfall occurred fairly widely, but heavily in isolated areas. Precipitation occurred over most of the state with nearly all stations receiving precipitation. Northeast South Dakota received much more precipitation with many stations over 1-2 inches. Webster received the most precipitation at 3.98 inches for the week. Most areas west of the river had very light precipitation. Dupree reported the least with no reported precipitation (the only station reporting no precipitation for the week).

Average temperatures statewide were in the upper 40's F across the north with lower 50's across other parts of the state. Most of the state was above average ranging up to 7° F above average. Academy had the high for the week at 85° F. Buffalo had the low for the week at 24° F.

SOIL CONDITION

Soil temperatures at the 4 inch depth were nearly stable for the week again with some increasing slightly and some decreasing slightly. Oacoma had the high temperature at 57° F; Aberdeen, South Shore and Bowdle had the low at 49° F. Topsoil moisture was rated at 14 percent adequate, 20 percent short and 66 percent very short. Subsoil moisture was rated at 9 percent adequate, 20 percent short and 71 percent very short.

FIELD CROPS REPORT

Ninety-six percent of corn for grain has been harvested, up from 90 percent the previous week; still well ahead of the five year average of 34 percent. Ninety-six percent of sorghum for grain has been harvested, up from 74 percent harvested the previous week. Seventy-four percent of sunflowers have been harvested. Winter wheat was 83 percent planted, behind last year and five year averages of 95 percent. Thirteen percent of winter wheat had emerged, behind last year's estimate of 82 percent and the five year average of 80 percent emerged.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 68 percent good to excellent, 27 percent fair and 5 percent poor. Sheep conditions were rated at 77 percent good to excellent condition, 19 percent fair and 4 percent poor. Stock water supplies were rated at 43 percent very short, 35 percent short and 22 percent adequate. Feed supplies were rated at 24 percent very short, 34 percent short and 42 percent adequate to surplus. Range and pasture conditions were rated at 45 percent very poor, 35 percent poor, 18 percent fair and 2 percent good.

Feed and Water Supplies Comparison as of October 21, 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	24	0	0	43	0	3
Short	34	3	4	35	7	9
Adequate	41	84	84	22	87	78
Surplus	1	13	12	0	6	10

Soil Moisture Condition Comparison as of October 21, 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	66	79	5	71	78	6
Short	20	17	42	20	16	36
Adequate	14	4	53	9	6	55
Surplus	0	0	0	0	0	3

Crop and Livestock Conditions as of October 21, 2012

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cattle	0	5	27	64	4
Sheep	0	4	19	68	9
Range & Pasture	45	35	18	2	0

Crop Progress as of October 21, 2012 ¹

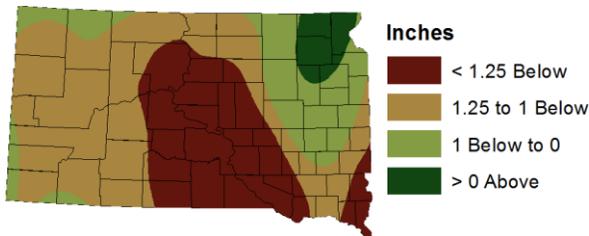
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	83	77	95	95
Emerged	13	11	82	80
Corn				
Grain Harvested	96	90	59	34
Sorghum				
Grain Harvested	96	74	79	56
Sunflower				
Harvested	74	46	50	28

¹ Percents represent all acreage in or beyond each stage.

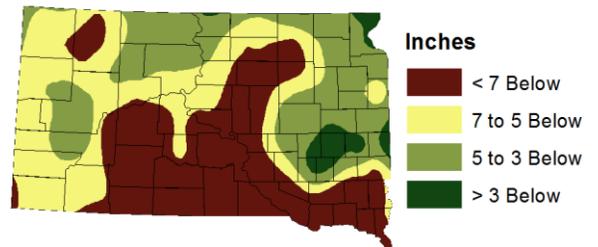
Average Soil Temperatures Week Ending October 21, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	49	Nisland	50
Beresford	51	Oacoma	57
Bowdle	49	Parkston	50
Brookings	50	Pierre	52
Caputa	51	Redfield	50
Cottonwood	51	South Shore	49

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 22 to October 21, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 21, 2012



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 21, 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	50	3	77	26	0.02	0.25	8.77	-0.82	-7.80
Buffalo	49	4	75	24	0.11	0.19	7.11	-0.15	-7.70
Dupree	52	6	78	31	0.00	0.23	10.44	-0.93	-4.21
McIntosh	50	4	77	29	0.03	0.14	9.83	-0.85	-4.89
Newell	50	4	78	25	0.02	0.26	8.77	-0.71	-4.56
Timber Lake	51	5	78	32	0.01	0.22	11.52	-0.92	-4.66
North Central									
Aberdeen	49	5	75	29	0.95	0.97	10.68	-0.52	-8.63
Faulkton	50	3	80	32	0.28	0.34	11.13	-1.02	-7.10
Mobridge	51	5	81	34	0.18	0.31	11.95	-0.79	-3.72
Roscoe	48	4	78	30	0.33	0.33	11.39	-0.99	-7.22
Northeast									
Britton	48	0	73	26	2.46	2.52	14.34	0.96	-4.74
Clear Lake	46	1	73	30	1.33	1.33	16.26	-0.42	-6.13
Sisseton	49	3	74	28	1.95	1.99	15.08	0.38	-3.89
Watertown	47	2	69	30	1.45	1.47	15.07	0.04	-4.72
Webster	48	3	71	33	3.98	3.98	19.42	2.48	-4.26
West Central									
Faith	50	4	78	28	0.05	0.22	10.41	-0.73	-4.21
Milesville	53	5	81	29	0.10	0.20	8.46	-1.08	-8.27
Philip	52	4	82	26	0.05	0.10	5.56	-0.95	-9.44
Rapid City	51	4	80	26	0.12	0.12	9.53	-0.94	-3.76
Spearfish	54	5	75	28	0.33	0.98	10.30	-0.63	-7.65
Central									
Chamberlain	55	6	84	34	0.02	0.03	9.89	-1.57	-8.37
Highmore	51	5	78	34	0.16	0.17	10.83	-1.02	-9.18
Huron	51	4	76	34	0.87	0.87	14.43	-0.44	-3.88
Onida	54	6	81	32	0.20	0.20	10.99	-1.04	-6.12
Pierre	54	6	81	32	0.20	0.20	8.33	-1.05	-7.60
Wessington Spr.	50	1	79	35	0.41	0.42	16.42	-1.09	-3.99
East Central									
Brookings	47	2	71	27	1.20	1.25	17.72	-0.33	-4.10
Madison	47	1	72	29	1.10	1.13	20.05	-0.53	-1.83
Mitchell	52	3	78	34	0.63	0.63	16.99	-0.63	-1.83
Sioux Falls	51	4	74	31	0.64	0.64	11.51	-1.01	-8.44
Southwest									
Custer	46	4	70	26	0.15	0.78	10.60	-0.40	-5.98
Hot Springs	54	5	81	29	0.04	0.11	8.89	-0.83	-5.99
Oelrichs	51	3	79	27	0.23	0.32	9.42	-0.66	-5.64
Porcupine	52	5	79	28	0.13	0.15	10.19	-1.10	-6.71
South Central									
Kennebec	56	7	83	31	0.05	0.12	10.85	-1.02	-6.99
Mission	51	3	79	29	0.05	0.17	9.08	-1.02	-8.43
Murdo	56	7	83	33	0.11	0.16	9.61	-1.11	-6.72
Winner	56	6	83	38	0.03	0.03	8.52	-1.26	-10.44
Southeast									
Academy	52	4	85	29	0.09	0.11	11.18	-1.31	-9.00
Centerville	50	2	76	30	0.15	0.24	8.75	-1.47	-12.39
Pickstown	55	5	83	37	0.15	0.19	9.40	-1.42	-11.53
Vermillion	52	1	76	31	0.52	0.63	12.20	-1.04	-11.37
Yankton	50	0	79	29	0.63	0.72	9.22	-1.03	-12.58

DATA AND MAPS SOURCE: State Climate Office of South Dakota