

South Dakota Weekly Crop Weather Report



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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 November 7, 2010
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AGRICULTURAL SUMMARY

Good weather enabled harvesters to make great progress with row crop harvest and enjoy a considerable lead over the 5 year average, as there were 6.6 days suitable for fieldwork in the past week. Major farm activities included harvesting row crops, fall tillage, fertilizing, hauling hay closer to home, and moving livestock to row crop stubble.

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

WEATHER INFORMATION

The week was generally very quiet across the state, according to the State Climate Office of South Dakota. The generally warm fall continued during the week as average temperatures were in the 40s F, except for a few stations around the Black Hills. Temperatures statewide were above average ranging from 4° F above average in the southeast to more than 10° F in the northwest. Philip had the high temperature for the week at 81° F; Porcupine had the low at 13° F.

There was very little precipitation for the week. Fewer than half the stations here reported any precipitation. Those that did were all less than 0.10 inch. McIntosh reported the high for the week at 0.06 inch. More than 20 stations reported a trace or no precipitation.

SOIL CONDITION

Soil temperatures were mostly in the 40s F. Oacoma had the warmest at 50° F; several stations were at 41° F. Topsoil moisture rated at 75 percent adequate to surplus for last week, below the five-year average of 79 percent and below last year's rating of 94 percent. Subsoil moisture was rated at 77 percent adequate to surplus, below last year's rating of 82 percent and above the five-year average of 68 percent.

FIELD CROPS REPORT

Ninety-three percent of the corn for grain is harvested, compared to only 17 percent last year and 63 percent for the five-year average. Sunflowers are 81 percent harvested, which is ahead of the five-year average of 64 percent. Ninety-six percent of the winter wheat has emerged, ahead of the five-year average of 95 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle are rated 89 percent in good to excellent condition, compared to 85 percent for the five-year average. Sheep are rated 89 percent in good to excellent condition, compared to 88 percent last year and 86 percent for the five-year average. Feed supplies remain in good shape and are rated at 98 percent adequate to surplus, up from the five-year average of 86 percent.

Feed and Water Supplies Comparison as of November 7, 2010

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	0	1	4	0	2	11
Short	2	4	10	5	7	16
Adequate	81	84	77	80	83	66
Surplus	17	11	9	15	8	7

Soil Moisture Condition Comparison as of November 7, 2010

Rating	Topsoil			Subsoil		
	This Week	Last Year	Last Year	This Week	Last Year	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	3	3	1	6	5	3
Short	22	17	5	17	15	15
Adequate	70	70	78	65	67	71
Surplus	5	10	16	12	13	11

Crop and Livestock Conditions as of November 7, 2010

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	2	36	49	13
Cattle	0	1	10	69	20
Sheep	1	1	9	62	27
Range & Pasture	2	11	27	52	8

Crop Progress as of November 7, 2010 ¹

Item	This Week	Last Year	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Emerged	96	91	91	95
Corn				
Grain Harvested	93	81	17	63
Sunflower				
Harvested	81	64	23	64

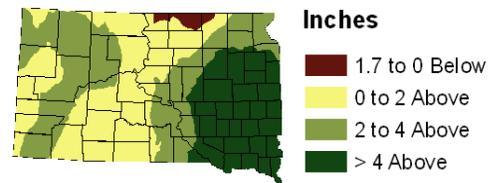
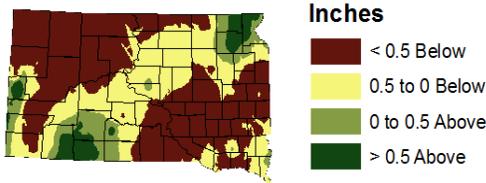
¹ Percents represent all acreage in or beyond each stage.

Average Soil Temperatures Week Ending November 7, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	41	Nisland	43
Beresford	46	Oacoma	50
Bowdle	43	Parkston	45
Brookings	42	Pierre	45
Caputa	43	Redfield	41
Cottonwood	43	South Shore	41

PAST 30 DAYS
Accumulated Precip Deviation from Average
From October 9 to November 7, 2010

GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to November 7, 2010



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 7, 2010

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	47	10	69	24	0.00	0.75	17.68	-0.98	3.23
Buffalo	49	9	75	24	0.00	0.33	14.02	-1.18	1.00
Dupree	47	10	71	24	0.00	0.53	22.54	-1.26	7.42
McIntosh	45	8	74	25	0.06	0.35	15.94	-1.36	-1.70
Newell	47	9	77	19	0.00	1.02	14.25	-0.67	0.59
Timber Lake	46	9	70	23	0.02	0.87	16.11	-1.00	0.60
North Central									
Aberdeen	41	5	63	18	0.01	1.03	22.49	-0.88	5.06
Faulkton	43	7	71	22	0.00	0.84	18.55	-1.07	1.90
Mobridge	44	8	70	26	0.05	0.77	12.73	-1.04	0.42
Roscoe	42	7	65	27	0.05	1.29	18.20	-0.54	1.06
Northeast									
Britton	42	6	60	20	0.00	1.48	17.89	-0.41	-0.01
Clear Lake	41	5	58	21	0.00	1.18	25.59	-1.16	5.46
Sisseton	44	7	62	21	0.00	2.33	20.44	0.16	1.77
Watertown	40	5	58	19	0.01	1.18	22.82	-1.07	4.14
Webster	44	9	67	25	0.00	4.06	23.29	2.09	4.70
West Central									
Faith	47	8	76	25	0.03	0.70	16.65	-1.10	1.71
Milesville	47	8	77	23	0.00	0.82	19.80	-1.13	3.52
Philip	47	8	81	17	0.01	1.05	13.94	-0.49	-0.54
Rapid City	49	10	79	25	0.00	0.32	18.33	-1.27	4.29
Spearfish	52	13	75	27	0.00	2.16	17.30	-0.24	-0.30
Central									
Chamberlain	47	7	70	25	0.04	0.41	19.56	-1.62	0.76
Highmore	44	6	68	25	0.00	0.35	21.19	-1.70	4.44
Huron	44	6	65	23	0.00	0.86	26.05	-1.03	8.82
Onida	42	6	70	22	0.00	1.02	18.84	-0.79	2.63
Pierre	45	5	71	21	0.00	0.98	18.72	-0.92	1.75
East Central									
Brookings	42	5	59	22	0.00	1.12	35.24	-0.96	15.42
Forestburg	46	6	67	22	0.00	0.50	27.14	-1.52	8.93
Madison	44	7	66	20	0.00	1.06	33.00	-1.22	12.16
Mitchell	46	6	71	21	0.00	1.23	27.94	-0.61	8.97
Sioux Falls	43	5	62	20	0.00	0.91	32.93	-1.41	12.51
Southwest									
Custer	45	11	70	24	0.00	1.10	16.00	-0.58	-1.28
Hot Springs	50	11	77	19	0.00	0.25	22.85	-1.20	7.94
Oelrichs	48	10	78	18	0.00	0.27	16.14	-1.24	1.62
Porcupine	46	9	78	13	0.01	2.35	16.01	0.71	1.13
South Central									
Kennebec	47	8	78	18	0.00	0.55	21.31	-1.15	5.32
Mission	48	9	79	23	0.00	1.04	15.40	-0.75	-1.76
Murdo	48	9	78	26	0.01	0.82	17.18	-1.07	1.07
Winner	49	8	80	25	0.03	0.39	20.81	-1.72	1.35
Southeast									
Academy	45	7	78	22	0.03	0.79	22.24	-1.32	-0.32
Centerville	43	5	64	19	0.00	1.21	31.13	-0.90	9.55
Pickstown	47	6	76	25	0.00	0.81	20.05	-1.25	0.42
Vermillion	46	4	67	21	0.00	1.62	31.44	-0.70	10.45
Yankton	44	4	69	19	0.01	1.01	33.26	-1.19	12.30

DATA AND MAPS SOURCE: State Climate Office of South Dakota