

# 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 November 2, 2008  
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## AGRICULTURAL SUMMARY

Harvest progressed nicely during the week as the warm, dry weather enabled producers to make substantial gains on the late-maturing crops. This was a notable change from previous weeks, when widespread precipitation and late maturing crops slowed harvest progress dramatically. There were 6.0 days suitable for fieldwork in the past week. Farm activities focused on harvesting of row crops, general care of livestock, and weaning calves.

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

## WEATHER INFORMATION

Indian Summer-like conditions dominated the week across South Dakota, according to the State Climate Office of South Dakota. Temperatures were generally above average but experienced a great deal of variability. The highest temperatures were in the 70s and even lower 80s in the southwest (Porcupine 83° F). The lowest temperatures reached the 20s and low 10s in some locations (also Porcupine 11° F). Overall, the far west experienced temperatures of 10°-16° F above average for the week. The eastern part of the state was not as warm overall, with temperatures a few degrees above average and right at average in the far southeast corner.

No precipitation was reported during the week at any location. Most of the state is still wetter than average since October 1.

## SOIL CONDITION

Soil temperatures (4") generally are in the 40s across the state. The lowest temperatures are in the northeast (South Shore 41° F and Aberdeen 42° F). Oacoma and Pierre in the central are the warmest at 47° F. Topsoil moisture was rated as 17 percent surplus, compared to 24 percent last week and 5 percent for the five-year average. Only 2 percent of topsoil was rated as very short, which is 12 points less than the five-year average. Subsoil moisture also saw an increase of 2 points for the short to very short categories from last week, still 29 points lower than the five-year average.

## FIELD CROPS REPORT

Favorable weather conditions facilitated good harvest progress in field crops, with progress still behind schedule. Corn is 33 percent harvested, a 17 percentage point gain over last week, but 35 percentage points behind the five-year average. The soybean harvest is 94 percent complete, 11 percentage points ahead of last week but 3 percentage points behind the five-year average. Sorghum is 42 percent harvested and sunflower is 40 percent harvested. There were some reports of downed corn and sunflower from the sustained high winds on Sunday, October 26<sup>th</sup>.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Range and pasture conditions deteriorated, with drier weather and high winds. Fifty-seven percent of range and pasture conditions were rated good to excellent. Feed supplies decreased slightly, now estimated at 96 percent adequate to surplus. Stock water supplies also decreased, to 87 percent adequate to surplus. Cattle condition moved upward 1 percentage point, to a rating of 88 percent good to excellent, but sheep condition dropped 1 percentage point, to a rating of 89 percent good to excellent. There were reports of producers weaning calves and turning cattle out onto the corn stubble.

## Feed and Water Supplies Comparison as of November 2, 2008

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	7	2	12	21
Short	4	8	17	11	12	23
Adequate	80	82	70	74	67	52
Surplus	16	9	6	13	9	4

## Soil Moisture Condition Comparison as of November 2, 2008

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	2	1	3	4	3	11
Short	8	7	9	14	13	11
Adequate	73	68	78	67	68	70
Surplus	17	24	10	15	16	8

## Crop and Livestock Conditions as of November 2, 2008

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	3	33	54	10
Corn	2	3	16	50	29
Sorghum	2	5	23	55	15
Sunflower	8	6	23	53	10
Cattle	0	1	11	67	21
Sheep	0	1	10	69	20
Range & Pasture	3	11	29	44	13

## Crop Progress as of November 2, 2008 <sup>1</sup>

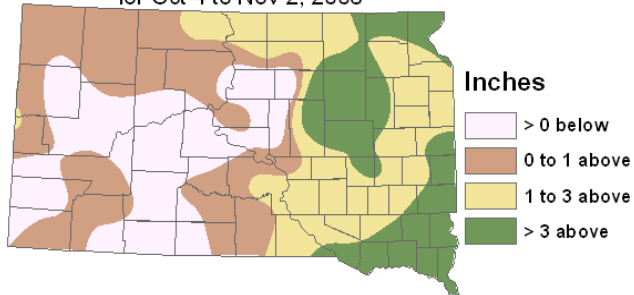
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Emerged	89	82	96	91
<b>Corn</b>				
Mature	98	94	100	100
Grain Harvested	33	16	66	68
<b>Soybeans</b>				
Harvested	94	83	92	97
<b>Sorghum</b>				
Mature	100	93	100	100
Grain Harvested	42	25	88	88
<b>Sunflower</b>				
Mature	92	86	99	99
Harvested	40	16	60	68

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

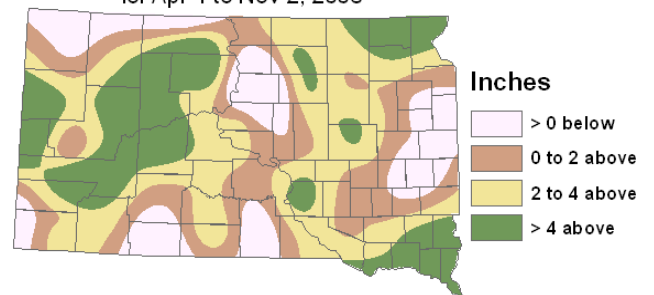
## Average Soil Temperatures Week Ending November 2, 2008 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	42	Nisland	45
Beresford	44	Oacoma	47
Bowdle	44	Parkston	45
Brookings	43	Pierre	47
Caputa	44	Redfield	NA
Cottonwood	45	South Shore	41

**PAST 30 DAYS**  
Accumulated Precip Deviation from Average  
for Oct 4 to Nov 2, 2008



**GROWING SEASON**  
Accumulated Precip Deviation from Average  
for Apr 1 to Nov 2, 2008



**TEMPERATURE and PRECIPITATION**  
**Week Ending Sunday, November 2, 2008**

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>	<i>Inches</i>	
<b>Northwest</b>										
Bison	50	10	73	27	0.00	1.89	15.90	0.37	1.79	
Buffalo	52	14	75	27	0.00	1.56	13.73	0.02	-0.55	
Dupree	44	4	73	17	0.00	1.60	21.87	-0.04	6.85	
McIntosh	46	7	72	14	0.00	2.30	12.69	0.83	-1.30	
Newell	53	12	77	16	0.00	1.11	17.70	-0.35	4.85	
Timber Lake	46	6	72	17	0.00	2.38	24.86	0.67	9.51	
<b>North Central</b>										
Aberdeen	44	5	70	18	0.00	4.64	19.17	2.93	2.30	
Faulkton	46	6	77	21	0.00	2.08	20.10	0.34	3.51	
Mobridge	47	7	74	25	0.00	2.41	16.19	0.80	1.89	
Roscoe	41	3	71	19	0.00	2.41	20.79	0.78	3.85	
<b>Northeast</b>										
Britton	46	7	73	21	0.00	5.03	24.08	3.35	6.68	
Clear Lake	42	3	69	22	0.00	3.87	19.90	1.72	-0.91	
Sisseton	46	6	72	21	0.00	5.38	23.15	3.46	5.46	
Watertown	43	5	66	21	0.00	3.07	17.98	1.05	-0.41	
Webster	45	7	64	22	0.00	3.55	21.79	1.78	3.40	
<b>West Central</b>										
Faith	51	10	73	24	0.00	1.63	20.66	0.00	6.09	
Milesville	48	6	75	20	0.00	1.25	23.60	-0.54	7.13	
Philip	50	9	81	19	0.00	1.08	17.73	-0.30	3.47	
Rapid City	50	9	77	16	0.00	1.47	19.65	0.04	5.83	
Spearfish	57	16	77	22	0.00	2.91	26.49	0.73	9.11	
<b>Central</b>										
Chamberlain	50	8	77	24	0.00	2.92	22.96	1.08	4.52	
Highmore	46	6	73	20	0.00	1.35	17.79	-0.52	-0.07	
Huron	46	6	72	21	0.00	5.04	21.02	3.37	4.05	
Onida	46	6	74	18	0.00	1.86	16.58	0.20	0.66	
Pierre	46	4	74	21	0.00	1.25	19.27	-0.47	2.74	
<b>East Central</b>										
Brookings	41	2	69	20	0.00	4.93	19.57	3.05	-0.05	
Forestburg	48	5	72	19	0.00	4.77	19.41	2.93	1.39	
Madison	42	2	69	20	0.00	4.49	18.61	2.46	-1.98	
Mitchell	49	7	75	21	0.00	4.07	18.89	2.45	0.48	
Sioux Falls	47	6	76	22	0.00	5.58	22.83	3.53	2.73	
<b>Southwest</b>										
Custer	51	12	70	29	0.00	0.81	20.45	-0.72	3.48	
Hot Springs	51	9	78	15	0.00	1.01	16.26	-0.31	1.48	
Oelrichs	51	10	81	15	0.00	2.01	17.75	0.65	3.40	
Porcupine	46	6	83	11	0.00	1.41	17.26	-0.08	2.53	
<b>South Central</b>										
Kennebec	48	5	78	18	0.00	2.52	16.92	0.97	1.08	
Mission	45	3	74	20	0.00	1.50	20.44	-0.15	3.42	
Murdo	47	5	74	19	0.00	1.67	18.38	-0.05	2.44	
Winner	53	9	80	25	0.00	2.38	17.85	0.37	-1.58	
<b>Southeast</b>										
Armour	48	4	79	21	0.00	3.99	20.66	2.14	1.58	
Centerville	43	0	71	22	0.00	5.41	27.05	3.51	6.64	
Pickstown	47	3	75	22	0.00	4.97	22.77	3.12	3.40	
Vermillion	45	0	74	20	0.00	6.72	25.98	4.63	5.15	
Yankton	44	0	71	18	0.00	6.45	25.68	4.50	4.98	

DATA AND MAPS SOURCE: State Climate Office of South Dakota