

# 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 December 6, 2009  
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## AGRICULTURAL SUMMARY

Producers who are trying to finish row crop harvest welcomed a nice first week of December. There were 6.1 days suitable for fieldwork in the past week. Cold temperatures are freezing the ground allowing some producers to harvest soybeans that were previously inaccessible due to wet conditions. Farm activities focused on harvesting row crops, moving livestock to row crop stubble, baling corn stocks, and tending to livestock.

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

## WEATHER INFORMATION

The first week of December brought another shift in conditions across the state, according to the State Climate Office of South Dakota. Cooler temperatures overspread the state bringing temperatures closer to average for this time of year and bringing some light snow over most of the state. Temperatures averaged mainly in the 20s F for the week. These numbers ranged from slightly above average from north central to southeast to a few degrees below average in the west. Custer came in much colder at 11° F below average for the week. Pickstown had the highest daily temperature at 61° F; Timber Lake had the lowest at -5° F.

Some light snow did occur during the week with some places receiving up to a few inches. Sisseton and Webster reported the largest weekly total at 0.11 inch of liquid. Twelve of the reporting stations listed here reported no precipitation. Snow cover ranged from a trace to several inches over most of the state.

## SOIL CONDITION

Soil temperatures at the 4 inch-depth for all stations were in the low to mid 30s F for the week. Cottonwood was the coolest at 32° F; Beresford was the warmest at 36° F. Topsoil moisture was rated at 92 percent in the adequate to surplus range last week, compared to 96 percent last year. Subsoil was rated at 78 percent in the adequate to surplus range, compared to 87 percent last year.

## FIELD CROPS REPORT

Corn harvested advanced 15 percentage points in the past week, now estimated at 73 percent complete. This year's corn harvest remains behind last year's pace of 92 percent harvested and 98 percent for the five-year average. The sorghum and sunflower harvest are both near completion. Ninety-eight percent of the sorghum for grain has been harvested, compared to 97 percent last year and 99 percent for the five-year average. The sunflower harvest is 96 percent complete, compared to 89 percent last year and 97 percent for the five-year average.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock conditions continue to be remain mostly in the good to excellent range. Cattle are rated 84 percent in the good to excellent condition. Sheep are rated 84 percent in the good to excellent condition. Feed supplies remain very strong in the state, this week rated at 97 percent adequate to surplus. Stock water supplies are also in good shape with 94 percent in the adequate to surplus categories.

## Feed and Water Supplies Comparison as of December 6, 2009

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	0	0	NA	0	1	NA
Short	3	5	NA	6	9	NA
Adequate	84	82	NA	83	78	NA
Surplus	13	13	NA	11	12	NA

## Soil Moisture Condition Comparison as of December 6, 2009

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	1	0	0	2	2	1
Short	7	7	4	20	21	12
Adequate	82	82	81	70	69	73
Surplus	10	11	15	8	8	14

## Crop and Livestock Conditions as of December 6, 2009

Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Winter Wheat	1	3	23	64	9
Cattle	0	1	15	67	17
Sheep	0	1	15	68	16

## Crop Progress as of December 6, 2009 <sup>1</sup>

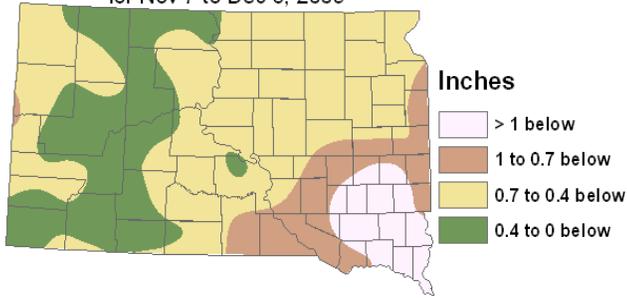
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
<b>Corn</b>				
Grain Harvested	73	58	92	98
<b>Sorghum</b>				
Grain Harvested	98	93	97	99
<b>Sunflower</b>				
Harvested	96	93	89	97

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

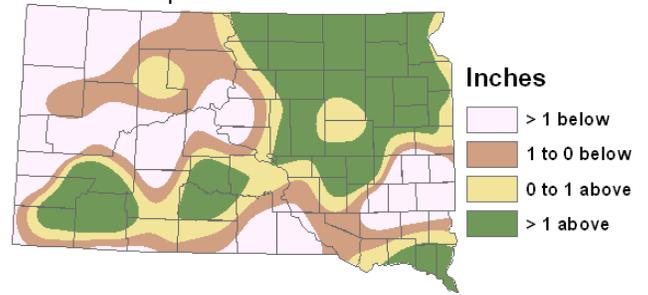
## Average Soil Temperatures Week Ending December 6, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	34	Nisland	34
Beresford	36	Oacoma	34
Bowdle	33	Parkston	35
Brookings	34	Pierre	33
Caputa	34	Redfield	35
Cottonwood	32	South Shore	34

PAST 30 DAYS  
Accumulated Precip Deviation from Average  
for Nov 7 to Dec 6, 2009



GROWING SEASON  
Accumulated Precip Deviation from Average  
for Apr 1 to Dec 6 2009



**TEMPERATURE and PRECIPITATION**  
Week Ending Sunday, December 6, 2009

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	
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches	
<b>Northwest</b>										
Bison	22	-2	52	1	0.00	3.34	12.60	1.25	-2.08	
Buffalo	19	-2	54	0	0.00	1.88	9.37	-0.23	-5.48	
Dupree	20	-2	54	0	0.09	2.38	16.34	0.22	0.80	
McIntosh	18	-3	53	-4	0.06	2.86	13.55	0.88	-0.95	
Newell	21	-3	57	-1	0.01	1.97	13.07	-0.07	-0.36	
Timber Lake	20	-1	52	-5	0.03	2.73	15.38	0.36	-0.63	
<b>North Central</b>										
Aberdeen	20	0	52	3	0.02	4.57	20.09	2.08	2.44	
Faulkton	22	1	55	3	0.01	4.88	19.29	2.26	1.82	
Mobridge	22	0	54	6	0.01	3.38	15.07	1.23	0.23	
Roscoe	21	2	51	-1	0.02	4.65	21.63	2.11	3.78	
<b>Northeast</b>										
Britton	20	0	48	-4	0.08	5.33	24.24	2.82	6.01	
Clear Lake	21	2	49	2	0.10	7.57	23.21	4.08	1.06	
Sisseton	20	-1	48	-2	0.11	7.65	20.60	4.58	1.76	
Watertown	22	3	48	2	0.05	6.68	21.95	3.74	2.64	
Webster	20	1	47	6	0.11	5.50	23.45	2.84	4.17	
<b>West Central</b>										
Faith	20	-4	56	2	0.06	2.24	15.20	0.03	0.05	
Milesville	22	-2	52	3	0.00	3.83	15.08	1.46	-1.97	
Philip	22	-3	59	2	0.01	3.67	12.47	1.65	-2.43	
Rapid City	24	-2	59	0	0.00	2.54	14.99	0.46	0.52	
Spearfish	26	-2	55	0	0.06	3.72	15.46	0.53	-2.93	
<b>Central</b>										
Chamberlain	23	-1	59	4	0.05	3.01	18.76	0.25	-0.60	
Highmore	20	-1	55	1	0.00	3.63	19.82	0.97	1.17	
Huron	22	0	57	4	0.03	4.00	18.72	1.40	0.82	
Onida	24	2	57	5	0.00	4.44	15.02	1.92	-1.76	
Pierre	23	-2	58	4	0.00	4.37	15.88	1.97	-1.33	
<b>East Central</b>										
Brookings	22	1	51	1	0.03	6.50	21.02	3.64	0.42	
Forestburg	23	-1	56	6	0.00	5.03	23.49	1.97	4.25	
Madison	21	0	54	1	0.01	5.18	17.51	1.81	-4.42	
Mitchell	23	0	57	7	0.01	4.48	19.28	1.58	-0.41	
Sioux Falls	23	0	54	5	0.04	5.73	19.07	2.28	-2.43	
<b>Southwest</b>										
Custer	16	-11	48	-3	0.07	2.38	15.93	0.12	-1.77	
Hot Springs	24	-3	53	1	0.08	3.89	17.36	2.00	2.01	
Oelrichs	24	-1	53	4	0.02	3.42	15.87	1.35	0.81	
Porcupine	23	-1	55	2	0.10	5.00	18.48	2.85	3.09	
<b>South Central</b>										
Kennebec	22	-3	58	-1	0.05	3.74	17.41	1.57	0.95	
Mission	25	-1	58	4	0.04	2.48	18.24	0.08	0.47	
Murdo	25	0	58	10	0.06	4.01	19.37	1.49	2.63	
Winner	23	-4	60	1	0.00	2.01	18.98	-0.98	-1.43	
<b>Southeast</b>										
Armour	24	-2	58	8	0.00	4.24	19.69	1.26	-0.52	
Centerville	23	-1	54	8	0.01	4.84	23.24	1.51	1.40	
Pickstown	28	1	61	11	0.00	4.50	19.69	1.60	-0.73	
Vermillion	28	1	57	9	0.00	5.57	24.54	1.96	2.19	
Yankton	27	1	57	10	0.02	5.98	23.75	2.73	1.75	

DATA AND MAPS SOURCE: State Climate Office of South Dakota