

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service
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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 October 29, 2006
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AGRICULTURAL SUMMARY

Statewide, average temperatures this week were slightly cooler than normal. With 6.6 days suitable for field work, the dry weather allowed harvest to progress easily. Virtually all the soybean harvest is complete, while corn, sorghum and sunflower harvest is making good progress. Much of the western part of the state continues to be short of moisture. Nearly all the winter wheat has emerged. The main activities on farms last week were moving livestock to stubble fields, fall tillage, preparation for winter and harvesting corn, sorghum, and sunflowers.

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

WEATHER INFORMATION

None of the reporting weather stations in the state received precipitation last week. Average temperatures in the upper 30's to lower 40's rated slightly below normal for this time of year. The high temperature in the state last week was 78 degrees, reported in Armour, while Huron, Roscoe and Aberdeen tied for this week's low, at 14 degrees.

SOIL CONDITION

Soil temperatures had only a slight decrease into the lower to mid-40's. The lack of precipitation last week caused a drop in topsoil moisture; however, the subsoil moisture held steady. Topsoil moisture levels dropped from 73 percent adequate to surplus last week to 66 percent this week. Fifty percent of the state had subsoil moisture levels rated adequate to surplus, which is identical to last week's rating.

FIELD CROPS REPORT

Dry weather this week helped harvest to progress quickly. Soybean harvest is nearly finished, at 97 percent complete. This puts soybean harvest progress equal to last year, but slightly ahead of the five-year average of 95 percent. Corn harvested for grain is 59 percent complete, behind last year's 72 percent, but equal to the five-year average. Sorghum harvested for grain is 83 percent complete, behind the pace of 93 percent last year but ahead of 82 percent for the five-year average. The sunflower harvest advanced 25 percentage points, with a jump in harvest numbers from 32 percent last week to 57 percent this week. However, sunflower harvest still lags behind last year and the five-year average of 76 and 69 percent, respectively. Winter wheat emergence is now at 94 percent, rating it ahead of last year's 88 percent and the five-year average of 86 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle and sheep conditions continue to be stable with little change week to week. Many farmers and ranchers are moving livestock off summer pastures to stubble fields or winter pens. In the process, many calves, if not weaned earlier, are being weaned now, as well as, being sold. Range and pasture conditions also show little change with reports that they are green but have very little forage value.

Feed and Water Supplies Comparison as of October 29, 2006

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	13	3	11	23	16	22
Short	25	6	19	27	23	24
Adequate	59	83	66	49	58	52
Surplus	3	8	5	1	3	2

Soil Moisture Condition Comparison as of October 29, 2006

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	11	9	10	22	21	18
Short	23	18	24	28	29	28
Adequate	64	71	62	48	48	51
Surplus	2	2	4	2	2	3

Crop and Livestock Conditions as of October 29, 2006

Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Winter Wheat	2	2	34	50	12
Cattle	0	2	21	62	15
Sheep	0	1	20	57	22
Range & Pasture	17	27	33	22	1

Crop Progress as of October 29, 2006 ¹

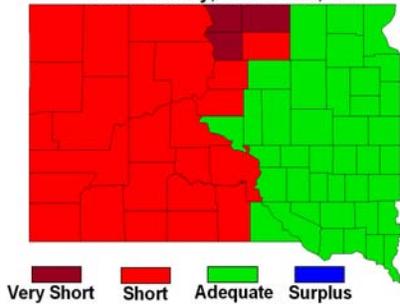
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Emerged	94	88	88	86
Corn				
Grain Harvested	59	36	72	59
Soybeans				
Harvested	97	93	97	95
Sorghum				
Grain Harvested	83	60	93	82
Sunflower				
Mature	99	93	96	98
Harvested	57	32	76	69

¹ Percents represent all acreage in or beyond each stage.

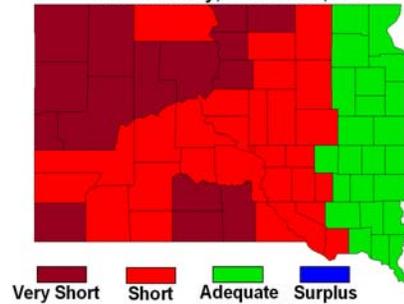
Soil Temperatures Week Ending Oct 29, 2006 (4-inch Depth)

Location	Temp	Location	Temp
Beresford	44	Gettysburg	42
Brookings	43	Nisland	45
Caputa	43	Pierre	45
Oacoma	45	Redfield	42
Cottonwood	43	South Shore	42

TOPSOIL MOISTURE
As of Sunday, October 29, 2006



SUBSOIL MOISTURE
As of Sunday, October 29, 2006



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 29, 2006

District And Station	Temperatures Past Week				Precipitation				
	Average	Departure From Norm	High	Low	Total			Departure From Norm.	
					Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 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	42	-2	69	19	0.00	11.47	9.26	-4.42	-4.67
Buffalo	41	-2	61	19	0.00	9.30	8.74	-3.81	-3.19
Dupree	43	-2	70	16	0.00	11.32	9.51	-4.36	-4.48
McIntosh	43	0	71	18	0.00	11.25	10.19	-4.33	-3.92
Newell	41	-3	66	20	0.00	13.16	11.72	-1.01	-0.95
Timber Lake	42	-2	70	15	0.00	9.28	8.05	-7.31	-6.58
North Central									
Aberdeen	36	-7	58	14	0.00	14.89	13.85	-2.61	-1.47
Eureka	41	-2	68	17	0.00	12.67	12.04	-3.31	-2.36
Faulkton	37	-6	59	17	0.00	12.21	10.82	-5.35	-4.64
Mobridge	40	-4	61	16	0.00	7.70	7.17	-8.19	-6.82
Roscoe	36	-7	56	14	0.00	13.40	12.66	-4.25	-3.07
Northeast									
Britton	40	-3	66	18	0.00	18.33	16.62	0.61	0.61
Clear Lake	37	-7	56	21	0.00	23.91	21.78	1.38	2.16
Sisseton	38	-6	56	22	0.00	19.92	18.35	0.31	1.17
Webster	40	-3	65	21	0.00	20.00	18.53	0.27	1.09
Watertown	38	-6	55	23	0.00	16.55	15.33	-4.23	-2.92
West Central									
Faith	43	-3	64	21	0.00	11.68	10.23	-4.01	-3.65
Milesville	45	0	74	20	0.00	14.16	12.51	-2.84	-2.57
Long Valley	45	-2	74	19	0.00	12.56	10.77	-4.32	-4.24
Philip	43	-4	68	20	0.00	10.01	7.95	-5.15	-5.57
Rapid City	44	-1	67	23	0.00	11.26	9.72	-4.29	-3.89
Spearfish	48	4	70	23	0.00	19.09	16.96	-1.37	-0.71
Central									
Chamberlain	40	-7	62	20	0.00	12.86	10.34	-3.72	-4.47
Highmore	42	-3	72	17	0.00	14.87	13.55	-3.69	-2.94
Huron	39	-5	61	14	0.00	15.57	14.74	-3.24	-1.32
Onida	42	-4	71	17	0.00	14.87	12.95	-2.31	-1.90
Pierre	41	-5	60	18	0.00	10.73	9.27	-6.81	-6.23
East Central									
Brookings	36	-7	56	19	0.00	21.23	19.21	-0.44	-0.48
Madison	37	-6	58	18	0.00	20.16	18.36	-2.00	-0.69
Mitchell	38	-7	59	19	0.00	23.35	20.90	2.89	3.07
Sioux Falls	39	-6	59	19	0.00	23.77	20.25	1.78	1.05
Southwest									
Custer	42	0	63	24	0.00	17.32	14.71	-0.54	-1.27
Hot Springs	46	-2	71	19	0.00	12.05	8.50	-2.94	-5.00
Oelrichs	43	-3	70	19	0.00	14.85	12.22	-0.95	-1.66
Porcupine	42	-2	67	15	0.00	18.28	15.19	3.23	1.62
South Central									
Murdo	43	-2	64	26	0.00	12.71	9.75	-4.23	-4.93
Winner	45	-4	75	19	0.00	15.90	13.02	-6.26	-6.31
Southeast									
Armour	43	-4	78	20	0.00	21.96	20.03	0.54	1.49
Centerville	38	-7	60	20	0.00	24.42	22.02	1.13	1.51
Marion	38	-6	59	20	0.00	24.89	21.85	2.31	2.26
Pickstown	40	-7	63	23	0.00	23.13	19.98	2.42	1.76
Vermillion	42	-6	62	18	0.00	21.66	18.56	-1.19	-1.66
Yankton	38	-9	61	17	0.00	24.15	19.45	2.27	0.08

SOURCE: National Weather Service, provided by AWIS, Inc.