

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 October 8, 2006
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AGRICULTURAL SUMMARY

Last week's reports showed 6.4 days suitable for fieldwork. Warmer-than-normal temperatures enabled soybean harvest to progress quickly. Corn and sorghum are nearly mature with sunflowers following close behind. Light and widely scattered precipitation throughout the state had little impact on conditions and fieldwork. Much of the western part of the state continues to be short of moisture. The winter wheat seeding is nearing completion. The main activities on farms last week were harvesting soybeans and other crops, and tending to livestock.

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

WEATHER INFORMATION

Last week's temperatures were above average, in the upper 50's to lower 60's. The high temperature for the week was 93 degrees, reported in Vermillion, while Aberdeen had the low for the week, at 32 degrees. Widely scattered showers fell around the state with Long Valley reporting the most precipitation, at 0.55 inch.

SOIL CONDITION

The topsoil moisture level was reported to be slightly drier in the state last week. Topsoil moisture levels dropped from 81 percent adequate to surplus the previous week, to 75 percent adequate to surplus last week. Also, subsoil moisture levels were slightly drier, dropping from 53 percent adequate to surplus the previous week, to 50 percent rated adequate to surplus last week.

FIELD CROPS REPORT

Corn and sorghum silage harvest was completed last week. Corn maturity has advanced to 95 percent, ahead of the five-year average of 90 percent. Corn harvested for grain is 16 percent complete. The soybean crop has advanced to 96 percent rated mature, jumping ahead of the five-year average of 92 percent. The warm weather advanced the soybean harvest from 8 percent the previous week to 52 percent complete this week, nearly catching up to last year's 55 percent. The sunflower crop is rated 69 percent mature, which is on pace with last year and the five-year average. However, the sunflower harvest is only at 8 percent complete, behind last year's 14 percent and the five-year average of 22 percent. The grain sorghum crop is 30 percent harvested, behind last year at 39 percent and the five-year average of 35 percent. Winter wheat seeding is nearing completion, at 90 percent, with 60 percent emerged.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle and sheep have enjoyed the cooler temperatures of autumn. Cattle conditions improved from 72 percent rated good to excellent the previous week to 76 percent last week. Similarly, sheep conditions improved from 77 percent good to excellent to 81 percent this week. Range and pasture conditions and stock water supplies held nearly level last week. Much of the western part of the state remains dry. Of the alfalfa intended for a third cutting, 92 percent has been harvested.

Feed and Water Supplies Comparison as of October 8, 2006

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	15	2	10	24	16	22
Short	26	8	22	28	22	23
Adequate	56	82	64	47	58	53
Surplus	3	8	4	1	4	2

Soil Moisture Condition Comparison as of October 8, 2006

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	7	6	8	25	18	17
Short	18	13	19	25	29	25
Adequate	73	77	67	48	50	54
Surplus	2	4	6	2	3	4

Crop and Livestock Conditions as of October 8, 2006

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	21	23	23	28	5
Soybeans	9	14	27	41	9
Sorghum	23	28	35	13	1
Sunflower	31	27	29	12	1
Winter Wheat	2	1	27	55	15
Alfalfa	18	20	34	25	3
Cattle	0	3	21	62	14
Sheep	0	1	18	66	15
Range & Pasture	18	26	30	23	3

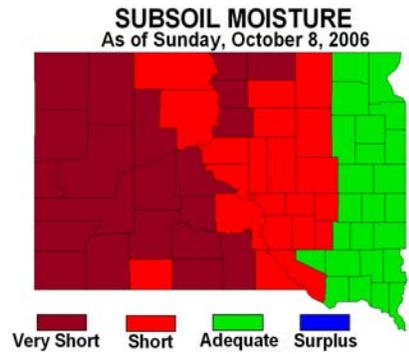
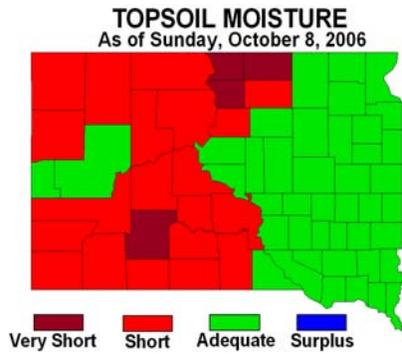
Crop Progress as of October 8, 2006¹

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	90	78	91	87
Emerged	60	40	48	49
Corn				
Mature	95	82	94	90
Grain Harvested	16	9	20	18
Soybeans				
Mature	96	68	97	92
Harvested	52	8	55	47
Sorghum				
Mature	93	75	89	85
Grain Harvested	30	7	39	35
Sunflower				
Mature	69	41	62	72
Harvested	8	5	14	22
Alfalfa				
3rd Cutting	92	87	91	91

¹ Percents represent all acreage in or beyond each stage.

Soil Temperatures Week Ending Oct 8, 2006 (4-inch Depth)

Location	Temp	Location	Temp
Beresford	68	Gettysburg	59
Brookings	56	Nisland	59
Caputa	55	Pierre	61
Chamberlain	61	Redfield	56
Cottonwood	58	Watertown	55



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 8, 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	56	5	81	38	0.05	10.87	8.66	-4.35	-4.60
Buffalo	58	8	80	37	0.12	8.94	8.38	-3.59	-2.97
Dupree	58	5	85	40	0.06	11.19	9.38	-3.77	-3.89
McIntosh	57	5	84	36	0.19	10.98	9.92	-3.95	-3.54
Newell	58	7	84	39	0.09	12.59	11.15	-0.87	-0.81
Timber Lake	59	6	85	39	0.16	9.15	7.92	-6.69	-5.96
North Central									
Aberdeen	61	9	88	32	0.01	14.74	13.70	-2.06	-0.92
Eureka	61	10	87	37	0.14	12.22	11.59	-2.97	-2.02
Faulkton	60	8	87	36	0.08	12.08	10.69	-4.69	-3.98
Mobridge	64	11	88	42	0.14	7.34	6.81	-7.84	-6.47
Roscoe	59	7	88	36	0.00	13.23	12.49	-3.67	-2.49
Northeast									
Britton	62	10	85	40	0.49	17.98	16.27	1.09	1.09
Clear Lake	60	8	83	35	0.00	23.57	21.44	2.33	3.11
Sisseton	62	9	87	34	0.13	19.70	18.13	1.10	1.96
Webster	59	8	82	40	0.07	19.77	18.30	0.99	1.81
Watertown	61	9	83	35	0.00	16.40	15.18	-3.14	-1.83
West Central									
Faith	61	7	85	40	0.04	11.49	10.04	-3.50	-3.14
Milesville	61	7	87	44	0.10	13.69	12.04	-2.51	-2.24
Long Valley	63	8	87	41	0.55	12.20	10.41	-4.03	-3.95
Philip	64	10	90	44	0.02	9.70	7.64	-4.76	-5.18
Rapid City	62	9	87	44	0.01	10.93	9.39	-3.90	-3.50
Spearfish	58	6	85	40	0.10	18.05	15.92	-1.31	-0.65
Central									
Chamberlain	62	7	91	38	0.01	12.67	10.15	-3.13	-3.88
Highmore	63	9	88	38	0.00	14.71	13.39	-2.96	-2.21
Huron	63	10	86	35	0.04	15.45	14.62	-2.39	-0.47
Onida	60	6	88	36	0.04	14.69	12.77	-1.72	-1.31
Pierre	63	9	90	39	0.01	10.62	9.16	-6.16	-5.58
East Central									
Brookings	60	10	83	34	0.03	20.91	18.89	0.28	0.24
Madison	62	10	84	34	0.00	19.99	18.19	-1.00	0.31
Mitchell	62	8	86	38	0.04	23.00	20.55	3.47	3.65
Sioux Falls	66	13	88	35	0.00	23.46	19.94	2.58	1.85
Southwest									
Custer	55	7	77	37	0.01	16.91	14.30	-0.33	-1.06
Hot Springs	62	7	85	38	0.00	11.38	7.83	-3.00	-5.06
Oelrichs	62	7	87	42	0.01	14.54	11.91	-0.60	-1.31
Porcupine	62	9	87	40	0.00	17.80	14.71	3.38	1.77
South Central									
Murdo	63	9	87	42	0.05	12.32	9.36	-3.75	-4.45
Winner	64	7	89	41	0.00	15.27	12.39	-5.95	-6.00
Southeast									
Armour	65	10	87	41	0.00	21.77	19.84	1.32	2.27
Centerville	64	11	89	38	0.00	23.83	21.43	1.62	2.00
Marion	63	10	86	38	0.00	24.36	21.32	2.82	2.77
Pickstown	64	9	88	39	0.00	22.58	19.43	2.81	2.15
Vermillion	67	11	93	38	0.02	20.45	17.35	-1.27	-1.74
Yankton	65	11	89	39	0.00	23.61	18.91	2.73	0.54

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