

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service

South Dakota Field Office

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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 September 17, 2006
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AGRICULTURAL SUMMARY

Row crops are progressing to maturity at a normal pace, with harvest beginning across the state. Precipitation throughout the state last week brought slight improvement to soil moisture levels, as well as crop conditions in some areas. Major farm activities included harvesting of silage, seeding winter wheat, fixing fence, tending to livestock, and preparing for row crop harvest. Most farmers with irrigation have finished the irrigation season. Statewide, there were 5.9 days reported suitable for fieldwork.

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

WEATHER INFORMATION

Temperatures across the state were at or up to 8 degrees above normal last week with averages in the mid 60's. Philip reported the high for the week, at 98 degrees, while Custer had the low for the week, at 32 degrees. Most of the state received precipitation last week with the larger amounts falling in the southeastern part. Centerville received the most precipitation, at 2.32 inches.

SOIL CONDITION

Both topsoil and subsoil moisture levels held steady across the state last week. Topsoil moisture levels were rated at 55 percent adequate to surplus compared to 54 percent last week. Subsoil moisture levels improved slightly, with 38 percent adequate to surplus compared to 36 percent last week.

FIELD CROPS REPORT

The dented stage of corn is nearly complete at 97 percent, which is ahead of the five-year average of 89 percent, but similar to last year's 95 percent. This week 36 percent of corn is rated mature, similar to the five-year average of 35 percent, but behind the 40 percent reported last year. Corn silage harvest continues ahead of normal at 82 percent complete, compared to the five-year average of 63 percent. Soybean development is behind last year, with 65 percent of the crop dropping leaves, compared to 83 percent last year and 69 percent for the five year average. Nine percent of the soybean crop is rated mature, well behind last year's 29 percent and the five-year average of 22 percent. Sunflower development is similar to recent years' development with 91 percent of the ray flowers dry, 75 percent of the bracts turning yellow, and 14 percent mature. The state's sorghum crop has nearly completed turning color at 93 percent, while 31 percent is rated mature. Sorghum silage harvest is 80 percent complete, ahead of both last year, at 72 percent, and the five-year average, at 58 percent. Winter wheat seeding is now at 36 percent complete, with 3 percent emerged.

LIVESTOCK, PASTURE, AND RANGE REPORT

Range and pasture conditions continue to hold steady, with 29 percent rated fair and 21 percent rated good to excellent. Pastures are reported to be greening up; however, re-growth has been limited. Stock water supplies have also held steady, with 43 percent rated adequate to surplus compared to 44 percent last week. Likewise, the condition of cattle and sheep are holding steady, with 69 percent of cattle and 78 percent of sheep rated in good to excellent condition. The third cutting of alfalfa has continued to progress ahead of both last year and the five-year average, with 81 percent harvested.

Feed and Water Supplies Comparison as of September 17, 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	22	3	11	28	17	23
Short	27	9	21	29	23	24
Adequate	50	76	62	41	58	50
Surplus	1	12	6	2	2	2

Soil Moisture Condition Comparison as of September 17, 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	19	19	26	36	37	26
Short	26	27	23	26	27	29
Adequate	52	51	47	36	34	44
Surplus	3	3	4	2	2	1

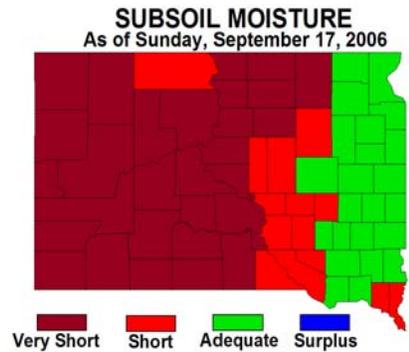
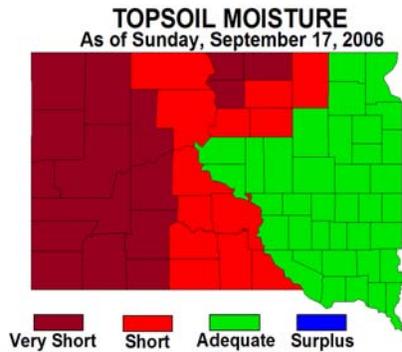
Crop and Livestock Conditions as of September 17, 2006

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	25	25	24	21	5
Soybeans	10	16	29	35	10
Sorghum	26	29	33	10	2
Sunflower	33	27	31	8	1
Alfalfa	23	22	28	22	5
Cattle	1	4	26	54	15
Sheep	0	2	20	55	23
Range & Pasture	24	26	29	19	2

Crop Progress as of September 17, 2006

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	36	22	42	32
Emerged	3	0	4	5
Corn				
Dent	97	91	95	89
Mature	36	17	40	35
Grain Harvested	3	0	2	2
Silage Harvested	82	68	71	63
Soybeans				
Dropping Leaves	65	43	83	69
Mature	9	4	29	22
Harvested	1	0	3	1
Sorghum				
Coloring	93	86	92	91
Mature	31	17	37	32
Grain Harvested	2	0	3	4
Silage Harvested	80	65	72	58
Sunflower				
Ray Flowers Dry	91	79	91	90
Bracts Yellow	75	51	74	69
Mature	14	4	9	18
Harvested	1	0	1	2
Alfalfa				
3rd Cutting	81	73	79	74

¹ Percents represent all acreage in or beyond each stage.



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 17, 2006

District And Station	Temperatures Past Week				Precipitation					Growing Degree Days	
	Average	Departure From Norm	High	Low	Total			Departure From Norm		Accum. Total	Departure From Norm
					Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 1	Since Apr. 1		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	64	5	88	38	0.17	7.89	5.68	-6.49	-6.74	2,855	613
Buffalo	62	4	91	37	0.05	7.59	7.03	-4.11	-3.49	2,612	482
Dupree	65	4	89	39	0.08	9.02	7.21	-5.10	-5.22	3,009	544
McIntosh	64	5	89	35	0.61	9.02	7.96	-4.99	-4.58	2,970	681
Newell	61	2	89	37	0.41	10.78	9.34	-1.84	-1.78	2,654	422
Timber Lake	65	6	91	38	0.18	6.48	5.25	-8.52	-7.79	2,905	570
North Central											
Aberdeen	65	6	85	40	0.29	13.33	12.29	-2.36	-1.22	2,644	290
Eureka	66	8	90	45	0.40	10.65	10.02	-3.64	-2.69	2,931	733
Faulkton	65	5	88	43	0.53	10.18	8.79	-5.55	-4.84	2,847	538
Mobridge	68	8	93	46	0.39	5.39	4.86	-8.90	-7.53	3,160	758
Roscoe	64	5	89	43	0.40	11.52	10.78	-4.44	-3.26	2,565	253
Northeast											
Britton	67	7	88	44	0.45	16.26	14.55	0.53	0.53	2,884	481
Clear Lake	61	1	81	42	0.31	21.42	19.29	1.65	2.43	2,398	82
Sisseton	66	6	88	44	0.25	17.28	15.71	-0.08	0.78	2,645	192
Webster	63	4	82	38	0.24	17.83	16.36	0.23	1.05	2,557	257
Watertown	62	3	82	42	0.32	15.07	13.85	-3.15	-1.84	2,581	257
West Central											
Faith	64	4	88	39	0.07	9.07	7.62	-5.07	-4.71	2,938	487
Milesville	65	4	96	41	0.00	10.64	8.99	-4.59	-4.32	3,112	500
Long Valley	65	2	93	39	0.11	9.79	8.00	-5.60	-5.52	3,108	526
Philip	67	5	98	42	0.03	7.72	5.66	-5.96	-6.38	3,167	478
Rapid City	65	5	92	38	0.07	9.55	8.01	-4.44	-4.04	2,951	735
Spearfish	64	5	90	38	0.20	13.44	11.31	-4.70	-4.04	2,817	705
Central											
Chamberlain	64	0	89	42	0.62	10.63	8.11	-4.33	-5.08	3,106	272
Highmore	67	5	91	43	0.41	12.41	11.09	-4.21	-3.46	3,151	592
Huron	65	4	85	41	0.33	13.58	12.75	-3.14	-1.22	2,909	393
Onida	64	3	92	40	0.38	12.91	10.99	-2.66	-2.25	2,980	348
Pierre	67	5	94	42	0.57	8.74	7.28	-6.99	-6.41	3,244	541
East Central											
Brookings	61	3	82	43	0.48	19.43	17.41	0.44	0.40	2,381	279
Madison	61	1	83	42	1.54	18.40	16.60	-1.09	0.22	2,559	258
Mitchell	63	0	86	44	1.18	21.02	18.57	2.97	3.15	2,730	20
Sioux Falls	63	3	86	44	1.25	21.57	18.05	2.50	1.77	2,824	291
Southwest											
Custer	57	3	84	32	0.90	15.34	12.73	-0.96	-1.69	1,788	324
Hot Springs	64	3	92	39	0.06	11.02	7.47	-2.45	-4.51	2,815	372
Oelrichs	63	0	94	39	0.21	13.81	11.18	-0.49	-1.20	2,811	253
Porcupine	63	3	93	36	0.00	14.04	10.95	0.46	-1.15	2,750	291
South Central											
Murdo	65	3	92	40	0.07	10.11	7.15	-5.10	-5.80	3,155	617
Winner	69	5	92	44	0.23	12.45	9.57	-7.45	-7.50	3,274	320
Southeast											
Armour	66	3	87	43	0.64	19.44	17.51	0.52	1.47	3,153	339
Centerville	62	1	85	45	2.32	18.69	16.29	-1.88	-1.50	2,837	285
Marion	62	2	85	44	1.96	22.47	19.43	2.71	2.66	2,684	183
Pickstown	65	2	89	47	1.34	20.78	17.63	2.52	1.86	2,982	228
Vermillion	66	1	88	46	1.96	18.80	15.70	-1.43	-1.90	3,262	338
Yankton	64	1	90	45	1.81	20.52	15.82	1.07	-1.12	2,968	277

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