

# SOUTH DAKOTA WEEKLY CROP-WEATHER REPORT


 SOUTH DAKOTA  
FIELD OFFICE  
NATIONAL AGRICULTURAL  
STATISTICS SERVICE  
P.O. Box 5068  
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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 June 18, 2006  
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**AGRICULTURAL SUMMARY:** Temperatures were above normal for most areas across the state last week. Precipitation amounts were greatest in the eastern areas. The combination of warm weather and rain advanced row crop development, with small grain development moving well ahead of normal. Major farm activities include haying, cultivation, spraying, irrigating crops, and tending to livestock. Statewide, there were 5.4 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:** Average temperatures last week ranged from 2 degrees below normal to 9 degrees above normal. Last week's high temperature was reported in Newell, Rapid City, and Philip at 102 degrees. The low temperature was 41 degrees, reported in Brookings. Precipitation totals ranged from 0.02 inch in Philip to 2.85 inches in Yankton.

**SOIL CONDITION:** Topsoil and subsoil moisture levels improved slightly last week, due to scattered rain showers. Topsoil moisture levels improved from 42 percent adequate to surplus the previous week, to 49 percent adequate to surplus last week. Subsoil moisture remained at 45 percent adequate to surplus.

**FIELD CROPS REPORT:** A combination of warmer weather and moisture has helped row crop development move ahead of last year and the five-year average. Average corn height has increased to 15 inches, compared to the average of 10 inches. Soybean planting is 99 percent complete, while emergence is at 94 percent, compared to the average 96 percent planted and 86 percent emerged. Sorghum planting is at 97 percent, ahead of the five-year average of 84 percent. Sunflower planting is at 91 percent, ahead of last year's 62 percent and the five-year average of 78 percent. Winter wheat headed is rated at 98 percent, ahead of last year's 88 percent and the 81 percent average. Winter wheat turning color is at 47 percent, compared to the five-year average of 6 percent. Small grain development continues ahead of last year and the five-year averages.

**LIVESTOCK, PASTURE, AND RANGE REPORT:** Cattle and sheep remain in mostly good to excellent condition. Range and pasture conditions continue to deteriorate across the state. Stock water supplies remained the same, with 57 percent in adequate to surplus supply. First cutting of alfalfa hay has advanced to 82 percent cut, an increase of 24 points. Second cutting of alfalfa hay began last week, with 2 percent cut.

## FEED AND WATER SUPPLIES COMPARISON AS OF JUNE 18, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave.	This Year	Last Year	5-Yr. Ave.
	Percent					
Very Short	11	6	11	17	11	15
Short	27	6	17	26	12	19
Adeq.	56	81	69	55	65	59
Surplus	6	7	4	2	12	7

## SOIL MOISTURE CONDITION COMPARISON AS OF JUNE 18, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Percent						
Very Short	25	27	1	31	25	3
Short	26	31	2	24	30	7
Adeq.	46	40	64	42	42	65
Surplus	3	2	33	3	3	25

## CROP AND LIVESTOCK CONDITIONS AS OF JUNE 18, 2006

ITEM	V POOR	POOR	FAIR	GOOD	EXCEL
Percent					
Winter Wheat	28	29	28	13	2
Spring Wheat	17	34	26	17	6
Barley	18	28	29	24	1
Oats	16	29	29	23	3
Corn	2	5	27	53	13
Soybeans	1	4	31	54	10
Sorghum	5	8	62	25	0
Alfalfa	17	27	17	31	8
Cattle	0	1	17	64	18
Sheep	0	1	12	60	27
Range & Pasture	15	27	23	28	7

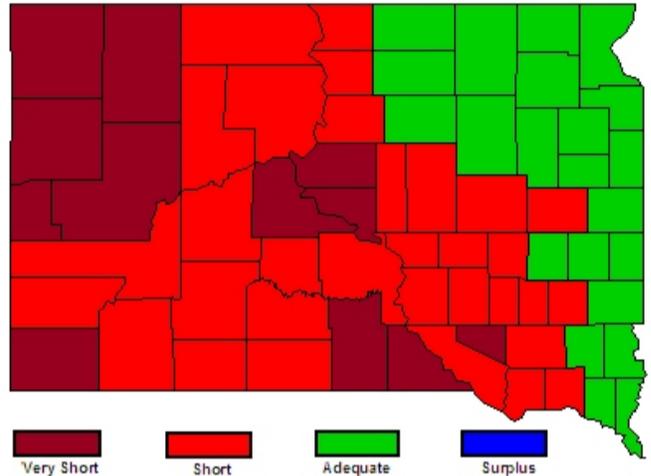
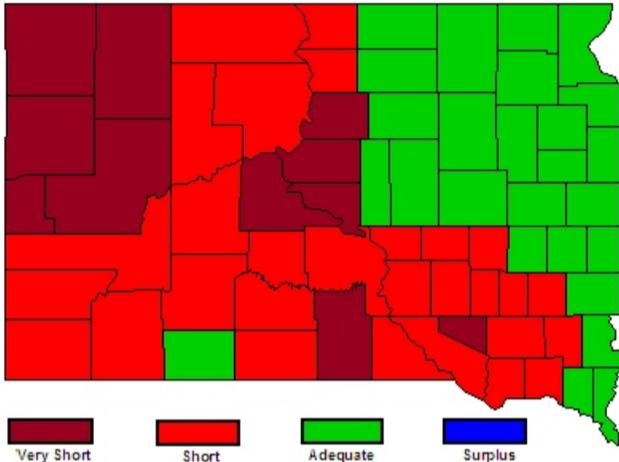
## CROP PROGRESS AS OF JUNE 18, 2006 1/

ITEM	This Week	Last Week	Last Year	5-Yr. Ave
Percent				
<b>Barley</b>				
boot	80	54	60	62
headed	47	13	19	20
<b>Spring wheat</b>				
boot	85	64	71	71
headed	56	22	23	26
turning color	2	0	0	0
<b>Oats</b>				
boot	88	60	67	68
headed	55	24	24	26
turning color	2	0	0	0
<b>Corn</b>				
ave. height (in.)	15	8	11	10
1 <sup>st</sup> cult./sprayed	90	61	61	60
2 <sup>nd</sup> cult./sprayed	24	4	8	9
<b>Sorghum</b>				
seeded	97	80	72	84
emerged	73	53	44	22
<b>Soybeans</b>				
planted	99	94	90	96
emerged	94	76	76	86
<b>Sunflower</b>				
seeded	91	67	62	78
<b>Winter wheat</b>				
boot	100	99	98	95
headed	98	83	88	81
turning color	47	6	5	6
<b>Alfalfa</b>				
1 <sup>st</sup> cutting	82	58	27	45
2 <sup>nd</sup> cutting	2	0	0	0
<b>Other hay</b>				
cut	37	21	8	13

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

**TOPSOIL MOISTURE**  
As of Sunday, June 18, 2006

**SUBSOIL MOISTURE**  
As of Sunday, June 18, 2006



**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS**

WEEK ENDING SUNDAY, June 18, 2006

Dist.	Station	Temperature Past Week				Precipitation					Growing Degree Days	
		Average	Departure from Normal	High	Low	Total			Departure from Normal		Accum. Total	Departure from Normal
						Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 1	Since Apr. 1		
		----- Degrees -----				----- Inches -----						
NW	Bison	70	5	90	49	0.18	5.19	2.98	-3.64	-3.89	756	265
	Buffalo	66	3	91	49	1.10	5.13	4.57	-1.77	-1.15	649	197
	Dupree	72	6	91	53	0.56	5.21	3.40	-3.36	-3.48	791	228
	McIntosh	71	6	89	51	0.35	3.92	2.86	-3.97	-3.56	786	266
	Newell	70	6	102	49	0.20	8.48	7.04	0.83	0.89	688	215
	Timber Lake	71	5	89	49	0.12	3.28	2.05	-5.65	-4.92	740	189
NC	Aberdeen	68	2	87	48	2.54	8.56	7.52	0.15	1.29	722	147
	Eureka	72	7	90	49	1.02	4.94	4.31	-2.78	-1.83	811	306
	Faulkton	70	4	92	44	0.26	3.74	2.35	-5.12	-4.41	771	232
	Mobridge	73	7	93	50	0.04	2.29	1.76	-6.19	-4.82	866	304
	Roscoe	67	2	89	47	0.47	5.28	4.54	-3.68	-2.50	640	89
NE	Britton	70	4	85	49	1.01	8.16	6.45	-0.26	-0.26	821	223
	Clear Lake	66	-2	86	44	1.44	9.36	7.23	-0.95	-0.17	648	68
	Sisseton	68	1	85	46	0.82	8.46	6.89	-1.01	-0.15	731	108
	Webster	68	2	83	48	1.28	10.31	8.84	1.34	2.16	683	114
	Watertown	67	1	83	46	1.16	6.96	5.74	-2.91	-1.60	698	134
WC	Faith	72	7	92	54	0.52	4.28	2.83	-4.33	-3.97	805	250
	Milesville	74	7	96	55	0.97	5.50	3.85	-3.54	-3.27	839	224
	Long Valley	75	8	99	54	0.66	6	4.21	-2.76	-2.68	884	286
	Philip	76	8	102	55	0.02	5.01	2.95	-2.95	-3.37	859	229
	Rapid City	73	9	102	53	0.13	6.10	4.56	-2.32	-1.92	788	324
	Spearfish	71	8	100	53	0.17	9.4	7.27	-2.54	-1.88	741	307
C	Chamberlain	71	2	93	50	0.86	5.90	3.38	-2.62	-3.37	852	146
	Highmore	74	6	92	50	0.82	6.43	5.11	-2.55	-1.80	887	277
	Huron	71	3	91	49	0.16	4.63	3.80	-5.12	-3.20	800	189
	Onida	73	6	93	49	0.21	5.33	3.41	-3.49	-3.08	817	181
	Pierre	74	6	97	53	0.07	3.54	2.08	-5.58	-5.00	912	271
EC	Brookings	66	2	83	41	1.02	8.19	6.17	-1.38	-1.42	668	163
	Madison	68	2	86	43	1.08	7.30	5.50	-3.34	-2.03	731	160
	Mitchell	69	-1	88	47	1.29	9.08	6.63	-1.43	-1.25	771	65
	Sioux Falls	69	1	87	42	2.37	13.42	9.90	2.98	2.25	827	188
SW	Custer	64	5	88	47	0.82	8.62	6.01	-0.14	-0.87	403	161
	Hot Springs	74	9	99	51	0.09	7.48	3.93	-0.16	-2.22	788	221
	Oelrichs	72	6	101	49	0.20	8.47	5.84	-0.18	-0.89	755	177.00
	Porcupine	72	6	100	46	0.03	8.70	5.61	0.93	-0.68	773	223
SC	Murdo	75	8	98	52	0.30	6.37	3.41	-2.79	-3.49	893	307
	Winner	74	4	97	53	1.08	8.07	5.19	-3.39	-3.44	1016	242
SE	Armour	72	3	95	48	1.22	7.18	5.25	-3.55	-2.60	961	209
	Centerville	69	0	88	48	1.57	10.33	7.93	-0.73	-0.35	888	199
	Marion	69	0	86	45	1.77	10.68	7.64	-0.28	-0.33	785	138
	Pickstown	70	2	92	49	1.43	10.01	6.86	-0.22	-0.88	884	187
	Vermillion	72	2	90	48	1.72	10.84	7.74	-0.24	-0.71	1077	238
	Yankton	70	1	92	48	2.85	14.01	9.31	3.33	1.14	932	220

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