

# SOUTH DAKOTA WEEKLY CROP-WEATHER REPORT



SOUTH DAKOTA  
FIELD OFFICE  
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

Released: August 7, 2006 -- 3:00 p.m. CST  
For Week Ending August 6, 2006  
SD-CW5531 Volume 55 Issue 31

**AGRICULTURAL SUMMARY:** Temperatures were above normal in most areas across the state last week, with precipitation amounts greatest in eastern areas. The driest areas of the state generally received less than half an inch of rainfall, if any at all. Topsoil moisture levels improved last week in those areas receiving precipitation. Row crop development continues to advance ahead of normal, while the small grain harvest nears completion. Major farm activities included haying, combining, moving hay and grain, irrigating, and caring for livestock. State-wide, there were 6.0 days 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 last week ranged from 2 degrees below normal to 6 degrees above normal. Last week's high temperature was 112, reported in Mobridge. The low temperature was 41 degrees, reported in Hot Springs. Sioux Falls received the most precipitation, at 3.09 inches.

**SOIL CONDITION:** Precipitation across the state helped topsoil and subsoil moisture levels improve slightly. Topsoil moisture levels increased from 3 percent rated adequate last week to 14 percent rated adequate this week. Subsoil moisture levels hardly changed, with 11 percent rated adequate, compared 10 percent the previous week.

**FIELD CROPS REPORT:** Scattered showers across the state provided needed moisture for row crops to hold steady. Corn tasseling advanced to 96 percent, while 86 percent has silked, and dough is at 27 percent; compared to the five-year averages of 94 percent tasseling, 79 percent silked, and 17 percent dough. Soybeans blooming increased to 96 percent, while setting pods advanced to 70 percent; compared to last year's 91 percent blooming and 56 percent setting pods. Sorghum headed is at 83 percent, ahead of the five-year average of 61 percent. Sorghum turning color is reported at 29 percent, compared to the five-year average of 10 percent. Small grain harvest is nearing completion, ahead of both last year and the five-year averages.

**LIVESTOCK, PASTURE, AND RANGE REPORT:** Cattle and sheep remain in mostly fair to good condition, while range and pasture conditions continued to decline. Stock water supplies showed little change, with 35 percent rated very short, 34 percent rated short, and 31 percent in adequate supply. Second cutting of alfalfa hay advanced to 86 percent cut, with the third cutting of alfalfa hay at 22 percent cut.

## FEED AND WATER SUPPLIES COMPARISON AS OF AUGUST 6, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave.	This Year	Last Year	5-Yr. Ave.
	Percent					
Very Short	22	3	11	35	11	19
Short	41	8	19	34	21	23
Adeq.	36	80	65	31	65	55
Surplus	1	9	5	0	3	3

## SOIL MOISTURE CONDITION COMPARISON AS OF AUGUST 6, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent					
Very Short	57	64	19	55	56	14
Short	29	33	38	34	34	34
Adeq.	14	3	42	11	10	51
Surplus	0	0	1	0	0	1

## CROP AND LIVESTOCK CONDITIONS AS OF AUGUST 6, 2006

ITEM	V POOR	POOR	FAIR	GOOD	EXCEL
	Percent				
Spring Wheat	35	25	22	15	3
Barley	36	31	23	9	1
Corn	24	26	28	20	2
Soybeans	13	21	38	25	3
Sorghum	26	39	29	6	0
Sunflower	37	28	30	5	0
Alfalfa	42	28	24	5	1
Cattle	1	7	29	52	11
Sheep	1	3	18	61	17
Range & Pasture	40	32	22	6	0

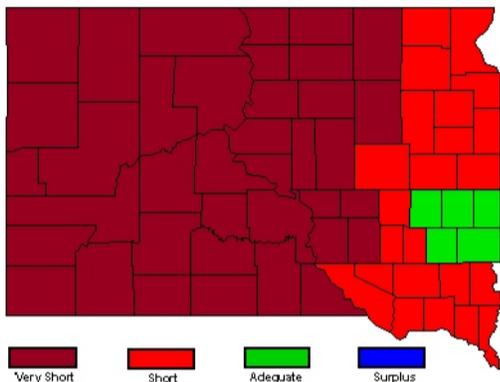
## CROP PROGRESS AS OF AUGUST 6, 2006 1/

ITEM	This Week	Last Week	Last Year	5-Yr. Ave
	Percent			
<b>Barley</b>				
ripe	95	84	76	81
harvested	77	51	54	46
<b>Spring wheat</b>				
ripe	98	85	93	88
harvested	87	54	64	58
<b>Oats</b>				
ripe	98	91	88	91
harvested	91	72	74	70
<b>Corn</b>				
tasseling	96	89	96	94
silked	86	66	85	79
dough	27	12	13	17
dented	3	2	0	2
<b>Sorghum</b>				
headed	83	55	58	61
coloring	29	11	3	10
<b>Soybeans</b>				
blooming	96	93	92	91
setting pods	70	49	57	56
<b>Sunflower</b>				
blooming	58	23	41	42
ray flowers dry	4	0	3	5
bracts yellow	1	0	0	2
<b>Alfalfa</b>				
2 <sup>nd</sup> cutting	86	81	84	83
3 <sup>rd</sup> cutting	22	15	13	18
<b>Other hay</b>				
harvested	93	90	91	89

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

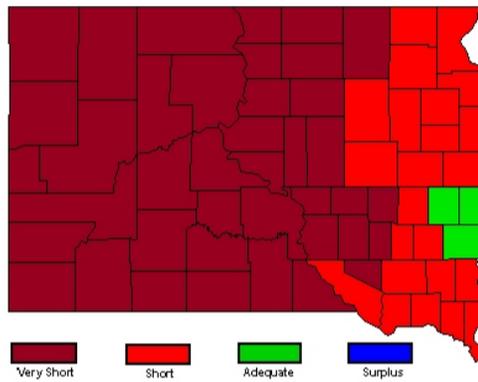
**TOPSOIL MOISTURE**

As of Sunday, August 6, 2006



**SUBSOIL MOISTURE**

As of Sunday, August 6, 2006



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

WEEK ENDING SUNDAY, August 6, 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	77	4	101	54	0.08	5.73	3.52	-6.66	-6.91	2050	522
	Buffalo	74	3	105	47	0.01	5.97	5.41	-4.02	-3.40	1856	404
	Dupree	77	3	107	51	0.15	6.06	4.25	-6.16	-6.28	2172	483
	McIntosh	78	5	106	52	0.00	4.63	3.57	-7.03	-6.62	2146	562
	Newell	74	1	106	49	0.31	9.25	7.81	-1.61	-1.55	1928	403
	Timber Lake	77	4	106	52	0.00	4.49	3.26	-8.06	-7.33	2085	460
NC	Aberdeen	76	4	106	50	0.15	9.74	8.70	-3.12	-1.98	1895	248
	Eureka	77	5	105	52	0.09	6.43	5.80	-5.34	-4.39	2106	581
	Faulkton	79	6	109	55	0.06	5.54	4.15	-7.31	-6.60	2064	451
	Mobridge	79	6	112	50	0.00	3.18	2.65	-8.86	-7.49	2261	593
	Roscoe	76	4	107	52	0.35	7.61	6.87	-5.80	-4.62	1847	241
NE	Britton	76	3	94	55	0.79	10.42	8.71	-2.41	-2.41	2076	399
	Clear Lake	74	2	99	57	1.19	12.39	10.26	-3.62	-2.84	1750	121
	Sisseton	77	4	104	55	0.15	9.81	8.24	-4.16	-3.30	1909	186
	Webster	75	4	96	60	0.00	11.71	10.24	-2.40	-1.58	1857	238
	Watertown	76	4	103	55	0.34	8.29	7.07	-6.57	-5.26	1862	234
WC	Faith	78	4	111	57	0.57	5.28	3.83	-7.10	-6.74	2146	469
	Milesville	78	2	99	55	0.94	7.77	6.12	-5.08	-4.81	2260	466
	Long Valley	78	3	103	52	0.09	7.40	5.61	-5.83	-5.75	2258	492
	Philip	79	3	110	50	0.01	6.17	4.11	-5.64	-6.06	2272	429
	Rapid City	79	6	109	51	0.00	7.15	5.61	-4.82	-4.42	2131	631
	Spearfish	74	3	102	52	0.47	11.21	9.08	-4.46	-3.80	2030	595
C	Chamberlain	79	3	108	57	0.82	7.65	5.13	-4.93	-5.68	2250	291
	Highmore	79	4	105	55	0.43	8.54	7.22	-5.26	-4.51	2280	518
	Huron	79	5	108	53	0.45	6.80	5.97	-7.35	-5.43	2090	328
	Onida	76	0	99	53	0.37	6.48	4.56	-6.61	-6.20	2184	365
	Pierre	80	4	111	55	0.57	5.48	4.02	-8.02	-7.44	2349	486
EC	Brookings	74	4	99	51	1.35	10.62	8.60	-4.56	-4.60	1739	254
	Madison	75	4	100	53	2.23	11.10	9.30	-4.61	-3.30	1877	258
	Mitchell	77	3	103	56	1.45	12.65	10.20	-2.19	-2.01	1988	80
	Sioux Falls	77	4	100	56	3.09	18.23	14.71	3.32	2.59	2049	263
SW	Custer	69	4	99	45	0.09	12.17	9.56	-1.65	-2.38	1274	293
	Hot Springs	75	2	103	41	0.00	8.86	5.31	-2.83	-4.89	2032	360
	Oelrichs	77	2	107	48	0.01	11.69	9.06	-0.63	-1.34	2041	301
	Porcupine	74	-2	104	47	0.05	11.27	8.18	-0.62	-2.23	2008	310
SC	Murdo	78	4	106	59	0.52	7.68	4.72	-5.58	-6.28	2307	551
	Winner	79	2	100	60	0.00	8.79	5.91	-8.10	-8.15	2432	373
SE	Armour	78	3	107	57	1.74	10.66	8.73	-5.18	-4.23	2312	335
	Centerville	78	5	100	55	1.95	13.46	11.06	-3.23	-2.85	2069	250
	Marion	77	4	100	56	2.03	14.66	11.62	-1.14	-1.19	1965	185
	Pickstown	80	4	105	57	1.63	14.07	10.92	-0.87	-1.53	2186	266
	Vermillion	80	5	101	58	0.63	12.80	9.70	-3.62	-4.09	2409	328
	Yankton	78	4	101	56	0.82	16.31	11.61	0.42	-1.77	2165	263

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