

# 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 August 10, 2008  
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## AGRICULTURAL SUMMARY

There were 5.8 days suitable for fieldwork in the past week which allowed the small grain harvest to progress at a strong pace. Farm activities focused on the small grain harvest, general care of livestock, spraying soybeans for aphids, and assessing the crop and structural damage from recent weather events in some areas.

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

## WEATHER INFORMATION

Widespread heavier rainfalls occurred over the western part of the state, leading to some flooding over the weekend in Fall River, Custer, Butte, and Harding Counties, according to the State Climate Office of South Dakota. Some flooding was also reported around the Watertown area. Eleven stations reported over 1" of rainfall with two of these stations (Porcupine and Murdo) reporting over 2" of rainfall. Radar data and other stations (not reported here) indicated 3"+ amounts in certain areas of these counties. This was in contrast to much of the eastern area of the state where little precipitation was reported with four stations reporting no rainfall and several other stations less than 0.10". Temperatures were generally near average across the state with some variability by location. Nearly all stations were within 1 F of average. Conditions on the US Drought Monitor included spotty 'abnormally dry' conditions across the state, mostly east of the river. Small 'moderately dry' areas were still reported in the far northeast corner of the state and far southern Fall River County of the southwest.

## SOIL CONDITION

Topsoil moisture ratings decreased slightly, now rated at 77 percent adequate to surplus. Subsoil moisture ratings remained at 78 percent adequate to surplus, but still remains 37 percentage points higher than the five-year average.

## FIELD CROPS REPORT

Winter wheat harvest continued, with 90 percent complete. The harvest of spring wheat jumped to 34 percent complete. Oats and barley were reported at 59 and 33 percent harvested, respectively. However, rain and storms over the weekend have slowed small grain harvest in northern areas of the state. Corn was 80 percent silked, and 15 percent was in the dough stage. Soybeans were progressing quickly with 54 percent setting pods. Thirty-four percent of sunflowers were blooming, and 60 percent of the sorghum crop was headed. Crop damage from flooding, hail, and high winds was reported in some areas in the northern part of the state.

## LIVESTOCK, PASTURE, AND RANGE REPORT

The second cutting of alfalfa was 83 percent complete, and a third cutting was 13 percent complete. Range and pasture conditions remained fairly stable, at 74 percent good to excellent. Feed supplies and stock water supplies remained strong at 95 and 89 percent adequate to surplus, respectively. Livestock conditions were high with cattle rated 89 percent good to excellent and sheep rated 93 percent good to excellent. However, some producers are concerned about the effect of flies and humidity on livestock.

### Feed and Water Supplies Comparison as of August 10, 2008

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	0	2	9	1	13	21
Short	5	15	21	10	23	26
Adequate	83	77	65	77	58	50
Surplus	12	6	5	12	6	3

### Soil Moisture Condition Comparison as of August 10, 2008

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	4	1	19	5	2	17
Short	19	18	36	17	20	40
Adequate	72	77	43	71	74	41
Surplus	5	4	2	7	4	2

### Crop and Livestock Conditions as of August 10, 2008

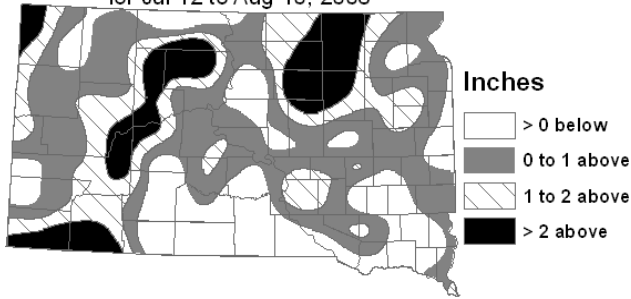
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring Wheat	3	9	17	48	23
Barley	4	6	18	59	13
Oats	3	4	17	58	18
Corn	1	4	17	50	28
Soybeans	0	6	17	49	28
Sorghum	3	2	18	59	18
Sunflower	1	4	17	59	19
Alfalfa	1	3	17	62	17
Cattle	0	1	10	68	21
Sheep	0	1	6	71	22
Range & Pasture	2	4	20	54	20

### Crop Progress as of August 10, 2008 <sup>1</sup>

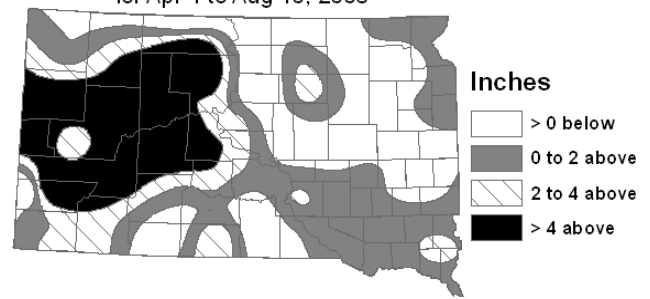
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Harvested	90	67	100	99
<b>Barley</b>				
Ripe	91	71	99	92
Harvested	33	10	72	67
<b>Oats</b>				
Ripe	90	75	99	96
Harvested	59	29	94	86
<b>Spring Wheat</b>				
Ripe	88	62	99	97
Harvested	34	9	85	79
<b>Corn</b>				
Tasseled	94	86	99	98
Silked	80	60	95	90
Dough	15	6	34	27
Dent	0	0	8	4
<b>Soybeans</b>				
Blooming	93	86	99	96
Setting Pods	54	24	77	71
<b>Sorghum</b>				
Headed	60	30	88	80
Coloring	5	1	14	15
<b>Sunflower</b>				
Blooming	34	16	55	58
Ray Flowers Dry	2	0	6	5
<b>Alfalfa</b>				
2nd Cutting	83	76	94	90
3rd Cutting	13	4	28	22
<b>Other Hay</b>				
Cut	89	87	94	93

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

PAST 30 DAYS  
Accumulated Precip Deviation from Average  
for Jul 12 to Aug 10, 2008



GROWING SEASON  
Accumulated Precip Deviation from Average  
for Apr 1 to Aug 10, 2008



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
**Week Ending Sunday, August 10, 2008**

District And Station	Temperatures Past Week				Precipitation					Growing Degree Days	
	Average	Departure From Normal	High	Low	Total			Departure From Normal		Total	Departure From Normal
					Current Week	Since Oct. 1	Since Apr. 1	Since Oct. 1	Since Apr. 1		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
<b>Northwest</b>											
Bison	74	0	90	55	1.15	15.69	13.25	0.53	2.78	1,685	-116
Buffalo	73	3	91	54	0.10	12.98	11.38	-1.62	0.73	1,531	23
Dupree	73	-1	89	52	0.80	21.76	19.17	6.16	8.06	1,754	-75
McIntosh	72	-1	94	55	0.04	9.96	8.46	-4.11	-1.67	1,524	-301
Newell	73	-1	91	56	0.46	18.72	15.73	5.02	6.14	1,604	-194
Timber Lake	73	0	90	55	1.40	23.25	20.97	7.07	9.78	1,711	-105
<b>North Central</b>											
Aberdeen	72	-1	87	53	0.46	15.37	10.90	-1.47	-0.85	1,725	-118
Faulkton	72	-1	89	56	0.21	18.19	14.30	1.36	2.96	1,682	-173
Mobridge	74	0	90	55	0.46	13.91	11.13	-0.51	0.98	1,706	-162
Roscoe	72	0	90	55	0.24	17.56	13.40	0.45	1.27	1,605	-95
<b>Northeast</b>											
Britton	73	1	87	55	0.00	15.59	12.70	-1.56	0.53	1,821	-4
Clear Lake	71	1	84	59	0.29	20.64	14.35	-0.64	0.22	1,558	-129
Sisseton	72	0	87	56	0.00	18.19	12.57	-0.28	0.44	1,662	-157
Watertown	72	2	85	58	1.29	17.34	12.47	-0.67	0.06	1,568	-72
Webster	73	2	87	61	0.00	17.16	11.58	-1.09	-1.20	1,625	-108
<b>West Central</b>											
Faith	73	-1	90	56	1.27	20.83	18.17	5.15	7.23	1,687	-220
Milesville	74	-1	89	59	1.69	24.75	21.65	7.63	9.51	1,787	-163
Philip	76	1	91	60	0.24	19.41	15.48	4.52	4.84	1,853	-93
Rapid City	71	-1	88	54	1.20	19.47	17.01	4.92	6.73	1,535	-171
Spearfish	75	3	91	59	1.72	28.38	21.97	9.24	9.32	1,669	-53
<b>Central</b>											
Chamberlain	75	1	89	61	0.21	22.73	15.22	3.81	2.08	1,886	-38
Highmore	74	0	91	58	0.21	17.17	11.14	-1.02	-1.78	1,687	-176
Huron	75	1	90	57	0.01	16.18	10.47	-1.61	-1.69	1,835	-97
Onida	74	1	88	60	0.85	18.58	12.72	1.63	1.38	1,760	-106
Pierre	74	-2	91	62	0.83	22.26	15.42	5.09	3.34	1,807	-214
<b>East Central</b>											
Brookings	72	1	85	56	0.54	18.27	12.78	-0.05	-0.45	1,614	-94
Forestburg	74	-1	87	59	0.12	19.53	13.34	0.66	0.50	1,930	-135
Madison	72	1	85	57	0.07	19.06	12.53	-1.37	-1.28	1,636	-76
Mitchell	75	1	90	59	0.10	19.68	13.09	0.67	0.18	1,999	-1
Sioux Falls	74	1	86	61	0.43	23.54	13.98	3.47	0.58	1,928	3
<b>Southwest</b>											
Custer	65	-1	80	51	0.88	21.25	17.60	4.04	5.17	1,195	-86
Hot Springs	72	0	86	57	1.01	17.67	13.42	2.77	2.41	1,719	-110
Oelrichs	73	-1	92	54	1.00	16.05	13.27	1.15	2.65	1,697	-173
Porcupine	73	0	87	59	2.01	16.26	13.35	1.03	2.42	1,768	-66
<b>South Central</b>											
Kennebec	75	-2	90	56	0.48	17.60	12.06	1.57	0.48	1,972	-158
Mission	74	0	88	60	0.44	22.30	16.13	4.96	3.52	1,782	-61
Murdo	75	1	90	60	2.26	21.19	14.81	3.63	2.83	1,820	-103
Winner	77	1	92	63	0.11	18.50	11.51	-1.79	-2.45	1,958	-203
<b>Southeast</b>											
Armour	74	-2	87	59	0.23	22.42	14.41	2.38	0.90	1,968	-206
Centerville	74	1	97	58	0.17	24.90	16.74	4.18	2.35	1,886	-137
Pickstown	77	2	94	61	0.22	23.13	14.47	3.68	0.90	1,932	-136
Vermillion	75	0	96	59	0.00	25.18	15.83	4.06	1.36	2,100	-165
Yankton	77	3	104	59	0.02	25.85	16.04	4.82	1.39	2,021	-40