

# South Dakota Weekly Crop Weather Report

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For Week Ending July 10, 2011  
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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

## AGRICULTURAL SUMMARY

Another week of mixed weather conditions brought 5.2 day suitable for fieldwork in the past seven days. Some farmers were busy haying and spraying, while others rebuild some roads and assessed hail damaged areas. Crop development made good progress and conditions improved in areas untouched from the weeks weather. Farm activities included applying fertilizer, herbicides, and pesticides, haying, and repairing washed out roads.

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

## WEATHER INFORMATION

Warmer temperatures overspread the whole state during the week bringing some badly needed warmth for crops short of heat for most of the spring and early summer, according to the State Climate Office of South Dakota. But high temperatures well into the 90°s could be potentially stressful conditions for crops in some areas of the state. Average temperatures were in the 70°s except for areas of the Black Hills. For most locations these were 1-4° F above average. Kennebec and Pickstown had the high temperatures for the week at 97° F; Custer had the low at 52° F.

Precipitation continued its spotty mid-summer pattern. The wettest area was in the northeast where several stations reported over 2 inches for the week. A few areas in the central reported over an inch. In contrast several locations in the southeast received no precipitation. Isolated storms in Brown and northern Minnehaha Counties (while not included in the reports) did cause serious localized flooding as storm reports in each indicated area of 5 inches or more. Britton reported the highest total here at 3.85 inches. Academy, Centerville, Mitchell and Vermillion reported no precipitation.

## FIELD CROPS REPORT

Mixed weather conditions brought for a interesting week. Much of the state was hot and dry, which contributed to good crop development. Soybean progress jumped this week, with 24 percent now blooming, slightly behind the 5-year average of 31 percent. Average corn height is now 32 inches, behind 45 inches for the previous year. Small grains also made significant progress. Winter Wheat turning coloring, now at 64 percent is still behind the 5-year average of 89 percent. Spring wheat is 76 percent headed, lagging behind the average 94 percent. Oats are 68 percent headed, behind both last year and the average of 93 percent. 1<sup>st</sup> cutting of alfalfa is now 84 percent complete and the 2<sup>nd</sup> cutting is started with 15 percent harvested, both behind the 5-year averages of 92 and 25 percent respectively.

## LIVESTOCK, PASTURE, AND RANGE REPORT

The heat and insects did not seem to have much of an effect on the livestock conditions. Ninety-three percent of both cattle and sheep are rated in good to excellent condition, ahead of the 5-year averages of 85 and 87 percent respectively. Pasture conditions stayed mostly in the good to excellent condition, with adequate water supplies. Stock water supplies also continue to be stable at 98 percent rated adequate to surplus; ahead of 80 percent on the 5-year average Feed supplies remain steady with 97 percent rated adequate to surplus, ahead of the 5-year average of 87 percent.

## Feed and Water Supplies Comparison as of July 10, 2011

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	0	3	0	0	7
Short	3	1	10	2	2	12
Adequate	83	77	77	65	63	66
Surplus	14	22	10	33	35	14

## Soil Moisture Condition Comparison as of July 10, 2011

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	1	0	2	1	0	1
Short	3	1	7	2	1	5
Adequate	65	62	61	62	62	61
Surplus	31	37	30	35	37	33

## Crop and Livestock Conditions as of July 10, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	3	16	55	26
Spring Wheat	0	2	21	61	16
Barley	0	0	11	73	16
Oats	0	0	13	71	16
Corn	2	4	18	60	16
Soybeans	2	5	23	57	13
Sorghum	0	0	17	73	10
Sunflower	0	1	22	61	16
Alfalfa	1	3	15	63	18
Cattle	0	0	7	75	18
Sheep	0	0	7	73	20
Range & Pasture	1	2	8	62	27

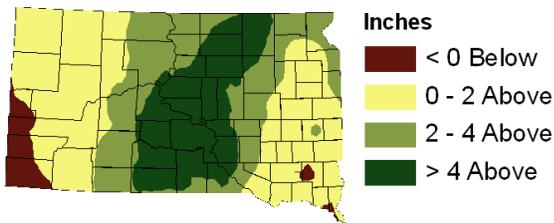
## Crop Progress as of July 10, 2011 <sup>1</sup>

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>				
Headed	99	92	100	100
Turning Color	64	28	88	89
<b>Barley</b>				
Boot	97	91	100	98
Headed	41	12	86	89
<b>Oats</b>				
Boot	96	89	99	99
Headed	68	54	93	93
<b>Spring Wheat</b>				
Boot	99	93	100	100
Headed	76	50	94	94
<b>Corn</b>				
Ave. Height (in.)	32	22	45	44
1st cult./spray	94	90	99	98
2nd cult./spray	45	30	61	68
Silked	0	0	1	2
<b>Soybeans</b>				
Blooming	24	1	30	31
<b>Sorghum</b>				
Headed	1	0	0	5
<b>Sunflower</b>				
Blooming	0	0	1	1
<b>Alfalfa</b>				
1st Cutting	84	76	88	92
2nd Cutting	15	8	28	25
<b>Other Hay</b>				
Cut	49	38	54	62

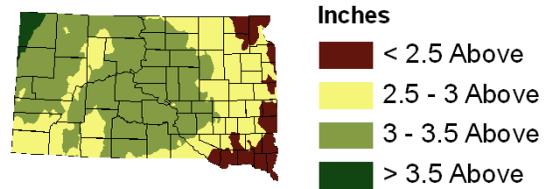
<sup>1</sup> Percents represent all acreage in or beyond each stage.

**ADDRESS SERVICE REQUESTED**

**PAST 30 DAYS**  
Accumulated Precip Deviation from Average  
From June 11 to July 10, 2011



**GROWING SEASON**  
Accumulated Precip Deviation from Average  
From April 1 to July 10, 2011



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
**Week Ending Sunday, July 10, 2011**

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		
<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>			
<b>Northwest</b>											
Bison	71	0	86	56	0.74	14.63	10.12	1.45	1.61	942	-170
Buffalo	72	3	87	55	0.03	14.68	11.02	2.75	2.78	814	-214
Dupree	73	2	91	58	0.45	19.12	13.08	5.55	3.97	952	-255
McIntosh	71	0	88	58	0.38	13.57	9.67	1.54	1.42	819	-338
Newell	74	2	90	59	0.09	15.20	10.54	2.41	2.05	870	-233
Timber Lake	74	2	89	58	0.62	19.17	13.07	5.29	4.15	992	-175
<b>North Central</b>											
Aberdeen	75	4	89	60	2.39	19.90	13.62	5.85	4.63	1,067	-129
Faulkton	74	2	89	59	0.62	19.32	13.28	6.72	4.57	995	-232
Mobridge	73	1	91	58	0.12	15.39	10.18	3.17	3.11	954	-219
Roscoe	75	4	91	61	1.48	19.95	12.89	5.52	3.41	920	-124
<b>Northeast</b>											
Britton	77	5	90	58	3.85	20.07	12.15	5.86	2.94	1,127	-123
Clear Lake	73	3	87	57	2.06	22.03	13.74	4.09	2.86	898	-287
Sisseton	75	4	89	57	2.75	21.49	12.33	6.00	3.15	1,028	-197
Watertown	73	4	88	55	0.89	18.95	10.16	3.80	0.63	944	-214
Webster	75	4	88	61	0.84	20.15	9.30	5.35	-0.06	991	-172
<b>West Central</b>											
Faith	74	1	92	58	0.67	16.12	10.82	2.80	2.66	896	-293
Milesville	74	1	91	58	0.46	16.73	12.15	2.34	2.71	1,051	-195
Philip	76	3	94	56	0.34	15.54	11.12	2.88	2.62	969	-272
Rapid City	72	2	91	55	0.25	15.67	11.70	3.06	3.38	896	-206
Spearfish	72	1	84	55	0.54	16.84	10.84	0.71	1.17	890	-153
<b>Central</b>											
Chamberlain	77	4	92	62	0.07	17.09	12.92	7.13	3.61	1,150	-158
Highmore	74	3	89	60	0.05	14.73	10.22	4.18	1.47	1,021	-239
Huron	78	5	95	59	0.16	17.69	10.94	2.55	1.46	1,149	-105
Onida	74	1	89	58	1.05	17.54	11.56	2.94	2.72	1,043	-234
Pierre	74	0	90	57	1.35	22.08	15.44	7.39	5.87	1,043	-248
Wessington Spr.	77	3	91	62	0.05	19.23	13.19	3.01	3.07	1,122	-207
<b>East Central</b>											
Brookings	75	4	88	57	0.41	19.09	12.90	3.66	2.54	1,012	-85
Madison	75	4	88	58	1.98	19.56	14.36	2.22	3.61	1,032	-164
Mitchell	79	6	94	61	0.00	18.40	12.79	2.64	3.12	1,244	-67
Sioux Falls	76	4	91	58	0.22	18.77	12.99	1.62	2.55	1,144	-142
<b>Southwest</b>											
Custer	68	3	86	52	1.05	17.58	11.79	3.32	2.36	701	-117
Hot Springs	74	3	92	56	0.15	14.55	10.45	1.89	1.66	1,078	-144
Oelrichs	75	2	93	56	0.13	12.56	9.77	-0.23	1.12	1,021	-204
Porcupine	74	3	92	54	0.09	17.87	11.21	4.98	2.60	997	-239
<b>South Central</b>											
Kennebec	77	2	97	59	0.15	15.59	11.42	2.15	2.40	1,182	-216
Mission	75	3	91	57	0.72	23.19	18.18	8.58	8.27	1,019	-145
Murdo	76	3	93	61	1.68	21.94	16.43	6.82	6.86	1,030	-231
Winner	78	3	93	61	0.43	16.98	13.24	1.88	2.34	1,125	-293
<b>Southeast</b>											
Academy	75	2	91	60	0.00	19.38	16.39	2.70	5.57	1,086	-222
Centerville	77	4	94	62	0.00	16.96	13.53	0.30	2.16	1,182	-122
Pickstown	79	5	97	64	0.04	16.47	10.72	-0.32	-0.22	1,282	-76
Vermillion	78	3	95	63	0.00	16.22	11.53	-1.67	0.26	1,389	-131
Yankton	78	4	96	64	0.10	21.54	14.96	3.75	3.51	1,268	-95