

# South Dakota Weekly Crop Weather Report

Released: September 4, 2012 -- 3:00 p.m. CST  
For Week Ending September 2, 2012  
SD-CW6136 Volume 61 Issue 36



National Agricultural Statistics Service  
South Dakota Field Office  
P.O. Box 5068  
Sioux Falls, SD 57117-5068  
Cooperating with:  
SOUTH DAKOTA STATE UNIVERSITY  
AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

## AGRICULTURAL SUMMARY

Scattered isolated showers brought little relief across the state as most crop conditions saw minimal, if any change. There were 6.8 days suitable for field work this past week. Major activities last week included haying CRP acres, hauling water for livestock, early moving of cattle to stubble fields, caring for livestock and preparing for a possible early harvest of row crops for grain.

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

## WEATHER INFORMATION

South Dakota experienced another very dry and very warm week for the end of climatological summer, according to the State Climate Office of South Dakota. High temperatures reached well into the 100's again in all but the northeast. Precipitation was very limited again with most locations receiving no precipitation.

While 100° F temperatures are still fairly common this time of year, highs reaching over 110° F are very uncommon in late August. A few stations with highs reaching into the 110's did come within a few degrees of their all-time highs for August. The weekly averages ranged from 3-5° F above average in the northeast to 10-14° F above average in the south and west. Academy had the high for the week at 113° F. Newell had the lowest temperature at 47° F. Several stations did fall into the 40's for lows during the week.

Precipitation was minimal for the week with only ten stations reporting precipitation. Watertown had the highest total at only 0.52 inches. Much of the state recorded no precipitation for the week adding to the precipitation deficits. Drought conditions worsened on the US Drought Monitor with D3 (Extreme Drought) conditions extending over a larger area of western SD.

## SOIL CONDITION

Topsoil moisture was rated at 67 percent very short, 24 percent short and 9 percent adequate; unchanged from the previous week's estimate for adequate. Subsoil moisture was rated at 68 percent very short, 24 percent short and 8 percent adequate, down from the 10 percent adequate the previous week.

## FIELD CROPS REPORT

For nearly all row crops, progress advanced at a rapid rate the past week due to little relief from the hot weather. Soybeans dropping leaves was at 54 percent compared to 26 percent the previous week. Five percent of soybeans were rated mature. Ninety-four percent of the corn crop was in the dough stage with 80 percent dented, compared to only 66 percent dented the previous week. Corn in the mature stage was at 17 percent, ahead of the five year average of 3 percent. Seventy-five percent of the corn silage has been cut, well ahead of the previous year and five year averages of 16 and 13 percent, respectively. Sorghum, with 79 percent turning color, had 12 percent mature compared to only 4 percent mature the previous week. Sixty-five percent of the sorghum silage has been cut, well ahead of the five year average of 10 percent. Sunflowers were 68 percent in the ray flowers dry stage and 43 percent at the bracts yellow stage, both stages well ahead of the five year averages of 52 percent for ray flowers dry and 23 percent for bracts yellow.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions held steady at 69 percent good to excellent, 25 percent fair, and 6 percent poor to very poor. Sheep

conditions were rated at 76 percent good to excellent condition, 20 percent fair and 4 percent poor. Stock water supplies were rated at 28 percent very short, 48 percent short and 24 percent adequate. Feed supplies were rated at 17 percent very short, 47 percent short and 36 percent adequate. Range and pasture conditions were rated at 34 percent very poor, 41 percent poor, 22 percent fair and 3 percent good.

## Feed and Water Supplies Comparison as of September 2, 2012

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	17	0	0	28	1	3
Short	47	3	5	48	5	10
Adequate	36	83	83	24	84	77
Surplus	0	14	12	0	10	10

## Soil Moisture Condition Comparison as of September 2, 2012

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	67	64	8	68	68	6
Short	24	27	28	24	22	22
Adequate	9	9	58	8	10	62
Surplus	0	0	6	0	0	10

## Crop and Livestock Conditions as of September 2, 2012

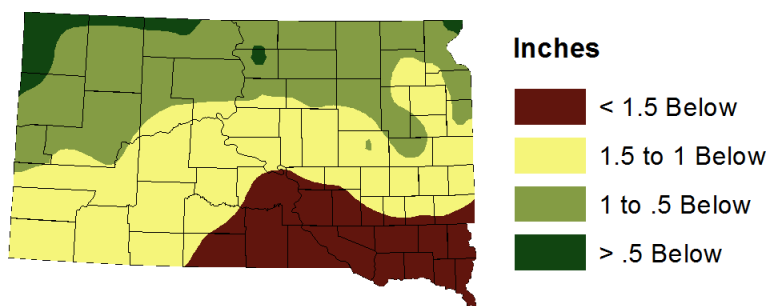
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	23	29	28	18	2
Soybeans	17	29	29	22	3
Sorghum	23	31	32	14	0
Sunflower	13	47	25	12	3
Alfalfa	27	39	31	3	0
Cattle	1	5	25	64	5
Sheep	0	4	20	67	9
Range & Pasture	34	41	22	3	0

## Crop Progress as of September 2, 2012 <sup>1</sup>

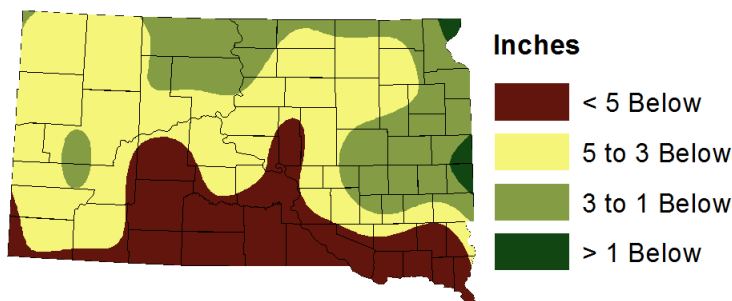
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Seeded	2	1	5	6
<b>Corn</b>				
Dough	94	93	91	88
Dent	80	66	47	51
Mature	17	7	1	3
Silage Harvested	75	69	16	13
<b>Soybeans</b>				
Dropping Leaves	54	26	19	19
Mature	5	0	0	0
<b>Sorghum</b>				
Coloring	79	53	68	66
Mature	12	4	3	5
Silage Harvested	65	38	1	10
<b>Sunflower</b>				
Ray Flowers Dry	68	53	40	52
Bracts Yellow	43	8	12	23
<b>Alfalfa</b>				
3rd Cutting	71	69	67	61

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

**PAST 30 DAYS**  
**Accumulated Precip Deviation from Average**  
**From August 4 to September 2, 2012**



**GROWING SEASON**  
**Accumulated Precip Deviation from Average**  
**From April 1 to September 2, 2012**



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
**Week Ending Sunday, September 2, 2012**

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	75	7	103	54	0.00	11.72	8.52	-7.23	-5.79	2,420	170
Buffalo	77	11	104	54	0.00	9.25	6.91	-8.61	-6.57	2,446	422
Dupree	77	8	107	48	0.00	12.82	10.06	-3.87	-2.18	2,518	211
McIntosh	76	8	105	50	0.18	10.45	9.67	-5.86	-2.79	2,394	128
Newell	75	8	103	47	0.00	10.63	8.51	-4.80	-2.85	2,422	220
Timber Lake	80	12	106	57	0.00	14.09	11.25	-4.54	-2.44	2,551	233
<b>North Central</b>											
Aberdeen	74	8	98	52	0.19	12.81	9.70	-8.02	-6.09	2,503	363
Faulkton	75	7	102	51	0.00	12.68	10.79	-7.54	-4.02	2,462	158
Mobridge	76	7	106	48	0.00	14.83	11.59	-3.63	-1.53	2,510	138
Roscoe	74	9	98	55	0.00	13.48	11.06	-6.88	-4.36	2,402	337
<b>Northeast</b>											
Britton	73	4	97	48	0.22	13.91	11.56	-5.77	-3.16	2,498	65
Clear Lake	71	5	90	53	0.09	18.98	14.53	-5.79	-3.16	2,314	257
Sisseton	70	3	92	48	0.21	15.73	12.92	-5.27	-2.04	2,469	242
Watertown	74	8	95	51	0.52	16.14	13.31	-5.42	-2.70	2,458	371
Webster	75	9	97	60	0.33	18.36	15.44	-6.59	-4.13	2,531	399
<b>West Central</b>											
Faith	78	9	107	53	0.00	12.52	10.08	-5.10	-2.34	2,583	240
Milesville	82	12	110	58	0.00	10.51	8.21	-8.39	-5.79	2,733	306
Philip	82	13	111	57	0.00	6.83	5.24	-9.93	-7.32	2,729	318
Rapid City	82	14	106	62	0.00	12.51	9.39	-2.74	-1.64	2,528	320
Spearfish	79	9	102	53	0.00	13.23	9.32	-7.87	-5.33	2,628	200
<b>Central</b>											
Chamberlain	82	12	112	54	0.00	16.38	9.73	-3.99	-4.85	2,809	372
Highmore	77	10	105	53	0.00	13.92	10.32	-8.33	-6.88	2,451	75
Huron	76	7	101	49	0.04	18.77	12.96	-1.57	-1.74	2,735	317
Onida	81	12	109	56	0.00	16.90	10.79	-2.72	-3.32	2,568	204
Pierre	81	11	111	57	0.00	12.03	8.13	-5.93	-4.79	2,652	172
Wessington Spr.	77	7	103	57	0.00	18.48	14.39	-4.06	-1.97	2,618	91
<b>East Central</b>											
Brookings	75	9	94	55	0.17	19.42	15.81	-3.83	-1.12	2,506	453
Madison	76	9	97	56	0.00	21.61	17.37	-2.23	0.09	2,659	448
Mitchell	83	14	104	64	0.00	20.52	14.97	-0.79	-0.48	2,971	345
Sioux Falls	80	12	104	58	0.03	14.97	9.73	-7.35	-6.00	2,824	467
<b>Southwest</b>											
Custer	74	10	95	54	0.00	12.52	9.68	-6.29	-4.29	1,965	366
Hot Springs	80	11	103	52	0.00	11.52	8.75	-4.94	-3.86	2,705	360
Oelrichs	78	9	106	51	0.00	11.58	8.92	-5.38	-3.80	2,656	348
Porcupine	81	13	110	58	0.00	13.14	9.93	-5.21	-4.16	2,654	333
<b>South Central</b>											
Kennebec	84	13	111	61	0.00	14.91	10.56	-4.54	-4.49	2,861	261
Mission	79	10	107	54	0.00	13.11	8.44	-6.26	-6.24	2,653	297
Murdo	84	13	111	63	0.00	12.09	9.41	-6.98	-4.14	2,827	359
Winner	82	11	112	60	0.00	13.11	8.43	-8.98	-7.40	2,922	368
<b>Southeast</b>											
Academy	79	10	113	54	0.00	15.69	10.96	-6.02	-5.52	2,688	295
Centerville	80	12	103	56	0.00	11.91	8.19	-10.83	-8.43	2,786	349
Pickstown	82	11	109	60	0.00	12.52	8.86	-10.24	-8.08	2,987	370
Vermillion	80	9	104	57	0.00	15.13	10.75	-10.63	-8.43	3,072	361
Yankton	79	9	106	58	0.00	14.11	8.08	-9.72	-9.44	2,879	287

DATA AND MAPS SOURCE: State Climate Office of South Dakota