

# South Dakota Weekly Crop Weather Report

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Cooperating with:  
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AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

## AGRICULTURAL SUMMARY

The majority of the crops saw a decline in condition ratings this past week, as temperatures climbed. There were 6.8 days suitable for field work this past week. Major activities last week included haying CRP acres, hauling water for livestock, 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

Warm temperatures returned to the state during the week with temperatures reaching into the 90's and low 100's in a few places, according to the State Climate Office of South Dakota. Along with the warm temperatures little precipitation fell anywhere in the state. The combination of conditions did not improve drought conditions anywhere in the state. Soil moisture recovery needed for fall seeding consideration and overall recharge was also obviously limited.

Temperatures for the week averaged in the upper 60's to low 70's statewide. Not only warmer than the previous week, they were also warmer than average nearly statewide. Most locations were 1-3° F above average except for a couple eastern stations, which were below average. The highest daily temperature was 103° F at Winner. All other stations reached the 90's for highs. The lowest reported temperature was 42° F at Custer and Buffalo.

Precipitation was minimal for the week with only 18 stations reporting precipitation. Faulkton had the highest total at 0.44 inches. Over half the stations reported no precipitation. No station was above average for weekly precipitation. Growing season total precipitation deficits exceed seven inches over most of the southeast stations. Other stations statewide are below average, though only showing deficits of 3-5 inches in many locations.

## SOIL CONDITION

Topsoil moisture was rated at 64 percent very short, 27 percent short and 9 percent adequate; a decrease from the previous week's estimate of 19 percent adequate. Subsoil moisture was rated at 68 percent very short, 22 percent short and 10 percent adequate.

## FIELD CROPS REPORT

Ninety-three percent of the corn crop was in the dough stage with 66 percent dented, both well ahead of the five year averages of 74 percent for the dough stage and 27 percent dented. Corn in the mature stage was at 7 percent, ahead of the five year average of 1 percent. Sixty-nine percent of the corn silage has been cut, well ahead of the previous year and five year averages of 5 and 4 percent, respectively. Soybeans setting pods has reached 100 percent with 26 percent dropping leaves. Sorghum, at 98 percent headed and 53 percent turning color, had 38 percent of silage harvest completed. Sunflowers were 53 percent in the ray flowers dry stage and 8 percent at the bracts yellow stage, both stages well ahead of the five year averages of 22 percent for ray flowers dry and 4 percent for bracts yellow.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 69 percent good to excellent, 25 percent fair, and 6 percent poor to very poor. Sheep conditions were rated at 79 percent good to excellent condition, 18 percent fair and 3 percent poor. Stock water supplies were rated at 25 percent very short, 42 percent short and 33 percent adequate. Feed supplies were rated at 17

percent very short, 42 percent short and 41 percent adequate. Range and pasture conditions decreased with 39 percent very poor, 36 percent poor, 20 percent fair and 5 percent good to excellent.

## Feed and Water Supplies Comparison as of August 26, 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	25	1	3
Short	42	2	4	42	5	9
Adequate	41	82	83	33	80	75
Surplus	0	16	13	0	14	13

## Soil Moisture Condition Comparison as of August 26, 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	64	51	5	68	56	4
Short	27	30	26	22	27	17
Adequate	9	19	61	10	16	68
Surplus	0	0	8	0	1	11

## Crop and Livestock Conditions as of August 26, 2012

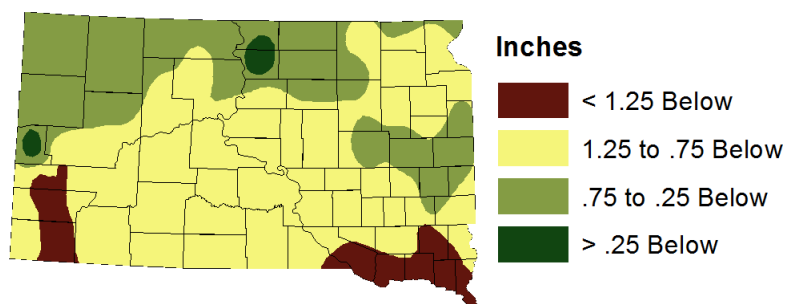
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	26	29	28	15	2
Soybeans	16	28	31	22	3
Sorghum	14	45	33	8	0
Sunflower	8	32	36	23	1
Alfalfa	36	40	21	3	0
Cattle	1	5	25	63	6
Sheep	0	3	18	66	13
Range & Pasture	39	36	20	4	1

## Crop Progress as of August 26, 2012 <sup>1</sup>

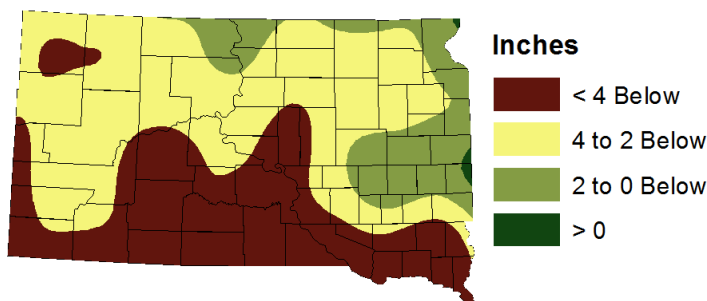
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Seeded	1	0	1	2
<b>Corn</b>				
Dough	93	84	78	74
Dent	66	44	21	27
Mature	7	1	0	1
Silage Harvested	69	48	5	4
<b>Soybeans</b>				
Setting Pods	100	93	93	95
Dropping Leaves	26	10	5	7
<b>Sorghum</b>				
Headed	98	92	96	94
Coloring	53	43	40	44
Mature	4	0	0	1
Silage Harvested	38	21	0	4
<b>Sunflower</b>				
Ray Flowers Dry	53	11	12	22
Bracts Yellow	8	1	3	4
<b>Alfalfa</b>				
3rd Cutting	69	61	47	45

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

**PAST 30 DAYS**  
**Accumulated Precip Deviation from Average**  
**From July 28 to August 26, 2012**



**GROWING SEASON**  
**Accumulated Precip Deviation from Average**  
**From April 1 to August 26, 2012**



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
**Week Ending Sunday, August 26, 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		
	Since April 1										
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
<b>Northwest</b>											
Bison	72	1	98	48	0.00	11.72	8.52	-6.95	-5.51	2,266	142
Buffalo	71	3	96	42	0.00	9.25	6.91	-8.40	-6.36	2,286	371
Dupree	72	1	97	47	0.10	12.82	10.06	-3.52	-1.83	2,352	175
McIntosh	71	1	98	50	0.01	10.27	9.49	-5.72	-2.65	2,237	94
Newell	71	1	96	47	0.00	10.63	8.51	-4.59	-2.64	2,259	180
Timber Lake	72	2	96	50	0.25	14.09	11.25	-4.23	-2.13	2,391	200
<b>North Central</b>											
Aberdeen	68	0	91	43	0.12	12.62	9.51	-7.66	-5.73	2,352	322
Faulkton	68	-2	92	45	0.44	12.68	10.79	-7.04	-3.52	2,319	139
Mobridge	72	1	96	48	0.04	14.83	11.59	-3.24	-1.14	2,347	107
Roscoe	70	3	93	51	0.00	13.48	11.06	-6.40	-3.88	2,254	295
<b>Northeast</b>											
Britton	69	-2	93	44	0.00	13.69	11.34	-5.36	-2.75	2,348	45
Clear Lake	68	0	90	46	0.04	18.89	14.44	-5.18	-2.55	2,180	233
Sisseton	69	0	95	44	0.00	15.52	12.71	-4.87	-1.64	2,334	224
Watertown	70	3	90	45	0.04	15.62	12.79	-4.81	-2.09	2,308	330
Webster	72	4	91	53	0.00	18.03	15.11	-6.20	-3.74	2,368	350
<b>West Central</b>											
Faith	73	2	100	52	0.00	12.52	10.08	-4.81	-2.05	2,417	208
Milesville	74	2	100	49	0.08	10.51	8.21	-8.05	-5.45	2,564	276
Philip	73	1	98	47	0.05	6.83	5.24	-9.58	-6.97	2,561	286
Rapid City	72	2	99	47	0.00	12.51	9.39	-2.44	-1.34	2,365	283
Spearfish	74	2	96	48	0.00	13.23	9.32	-7.55	-5.01	2,459	173
<b>Central</b>											
Chamberlain	75	3	99	51	0.00	16.38	9.73	-3.51	-4.37	2,634	336
Highmore	71	2	94	47	0.02	13.92	10.32	-7.85	-6.40	2,288	42
Huron	72	1	92	47	0.06	18.73	12.92	-1.11	-1.28	2,582	294
Onida	73	2	97	48	0.00	16.90	10.79	-2.29	-2.89	2,406	172
Pierre	73	1	97	48	0.00	12.03	8.13	-5.57	-4.43	2,487	148
Wessington Spr.	72	0	91	55	0.17	18.48	14.39	-3.51	-1.42	2,460	74
<b>East Central</b>											
Brookings	70	3	91	45	0.11	19.25	15.64	-3.14	-0.43	2,349	406
Madison	69	0	92	46	0.07	21.61	17.37	-1.50	0.82	2,504	413
Mitchell	73	2	94	49	0.00	20.52	14.97	-0.26	0.05	2,796	309
Sioux Falls	73	3	95	49	0.05	14.94	9.70	-6.68	-5.33	2,656	424
<b>Southwest</b>											
Custer	66	1	90	42	0.00	12.52	9.68	-5.87	-3.87	1,816	309
Hot Springs	72	1	98	46	0.00	11.52	8.75	-4.59	-3.51	2,548	334
Oelrichs	72	1	100	45	0.00	11.58	8.92	-5.10	-3.52	2,503	328
Porcupine	74	3	102	48	0.00	13.14	9.93	-4.83	-3.78	2,497	304
<b>South Central</b>											
Kennebec	73	0	97	45	0.00	14.91	10.56	-4.12	-4.07	2,689	236
Mission	71	0	100	44	0.19	13.11	8.44	-5.95	-5.93	2,500	276
Murdo	75	2	99	56	0.00	12.09	9.41	-6.65	-3.81	2,646	322
Winner	77	5	103	50	0.00	13.11	8.43	-8.52	-6.94	2,743	333
<b>Southeast</b>											
Academy	73	2	101	50	0.07	15.69	10.96	-5.49	-4.99	2,532	270
Centerville	71	1	94	46	0.00	11.91	8.19	-10.22	-7.82	2,612	302
Pickstown	76	3	98	54	0.00	12.52	8.86	-9.72	-7.56	2,811	342
Vermillion	74	2	92	51	0.00	15.13	10.75	-9.97	-7.77	2,900	333
Yankton	73	1	93	50	0.00	14.11	8.08	-9.15	-8.87	2,713	262