

# South Dakota Weekly Crop Weather Report

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For Week Ending July 22, 2012  
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Cooperating with:  
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AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

## AGRICULTURAL SUMMARY

Some scattered rain was seen across the state this past week, but more was still needed to give row crops relief from the heat. Small grain harvest was able to advance with the dry conditions; as well as cutting of hay with 6.5 days suitable for field work. Major activities last week included harvesting of small grains, hauling water for livestock, caring for livestock, spraying late season weeds and cutting hay.

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

## WEATHER INFORMATION

Very warm temperatures again covered the whole state with little relief from drought conditions, according to the State Climate Office of South Dakota. Some locations did receive precipitation amounts exceeding an inch helping provide a little relief. Most of these were not widespread leaving many with little change in conditions.

Most of the state did receive some precipitation, but amounts were typically very small. Webster was the big winner with 4.20 inches for the week. Another seven stations received over an inch. Many places received a few tenths of precipitation at most. Dupree had the least with no reported precipitation. Small amounts of precipitation do little to change moisture conditions because of high evaporation rates at this time of year.

Temperatures for the week averaged in the low 80's statewide, ranging from 6-15° F above average. Most of the state reached triple digit highs again except for the far east and Black Hills. The highest temperature was 111° F at Milesville and Philip. The lowest reported was 57° F at Custer.

The US Drought Monitor map again increased coverage in the state. Most of the south, far west and Aberdeen areas were at D2 (Moderate Drought). Most of the rest of the state was in D1 (Moderate Drought).

## SOIL CONDITION

Topsoil moisture was rated at 13 percent adequate, 35 percent short and 52 percent very short. Subsoil moisture was rated at 14 percent adequate, 35 percent short and 51 percent very short.

## FIELD CROPS REPORT

Small grain harvest was in full swing last week, with winter wheat at 98 percent harvested, oats at 76 percent, spring wheat at 55 percent and barley at 21 percent. Eighty-two percent of the corn had tasseled, with 63 percent silked. Seven percent of the corn was reported in the dough stage. Soybeans were at 87 percent blooming with 27 percent setting pods ahead of the five year average of 11 percent setting pods. Sorghum had 28 percent of the crop headed. Sunflowers were at 19 percent blooming ahead of the five year average of 5 percent.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated 69 percent in the good to excellent range, while sheep conditions were rated 80 percent good to excellent. Stock water supplies were 16 percent very short, 37 percent short and 47 percent adequate. Feed supplies were 11 percent very short, 40 percent short and 49 percent adequate to surplus. Range and pasture conditions were rated 20 percent very poor, 34 percent poor, 35 percent fair and 11 percent good to excellent.

## Feed and Water Supplies Comparison as of July 22, 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	11	0	0	16	0	3
Short	40	0	4	37	2	9
Adequate	48	85	84	47	73	71
Surplus	1	15	12	0	25	17

## Soil Moisture Condition Comparison as of July 22, 2012

Rating	Topsoil			Subsoil		
	This Week	Last Year	Last Year	This Week	Last Year	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	52	51	1	51	39	1
Short	35	38	13	35	46	8
Adequate	13	11	66	14	15	64
Surplus	0	0	20	0	0	27

## Crop and Livestock Conditions as of July 22, 2012

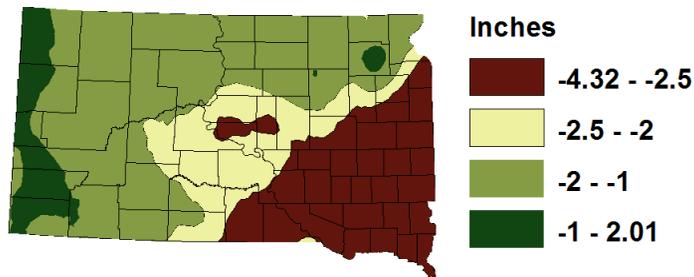
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring Wheat	3	30	28	36	3
Barley	1	23	41	34	1
Corn	13	22	34	29	2
Soybeans	4	20	42	31	3
Sorghum	3	25	53	18	1
Sunflower	1	37	30	31	1
Alfalfa	24	39	30	7	0
Cattle	1	3	27	61	8
Sheep	0	3	17	63	17
Range & Pasture	20	34	35	9	2

## Crop Progress as of July 22, 2012 <sup>1</sup>

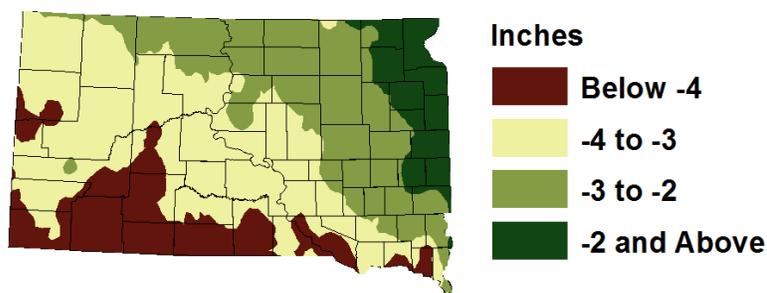
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Harvested	98	82	21	36
<b>Barley</b>				
Ripe	95	56	3	17
Harvested	21	2	0	2
<b>Oats</b>				
Ripe	98	68	19	33
Harvested	76	48	4	10
<b>Spring Wheat</b>				
Ripe	96	60	5	20
Harvested	55	12	0	3
<b>Corn</b>				
Tasseled	82	60	47	44
Silked	63	36	18	22
Dough	7	3	0	1
<b>Soybeans</b>				
Blooming	87	74	56	62
Setting Pods	27	12	7	11
<b>Sorghum</b>				
Headed	28	12	9	17
<b>Sunflower</b>				
Blooming	19	8	4	5
<b>Alfalfa</b>				
2nd Cutting	83	79	49	53
3rd Cutting	22	9	0	1
<b>Other Hay</b>				
Cut	90	84	71	76

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

**PAST 30 DAYS**  
**Accumulated Precip Deviation from Average**  
**From June 21 to July 22, 2012**



**GROWING SEASON**  
**Accumulated Precip Deviation from Average**  
**From April 1 to July 22, 2012**



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
**Week Ending Sunday, July 22, 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
<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>	<i>Inches</i>			
<b>Northwest</b>												
Bison	80	7	104	63	0.85	11.02	7.82	-6.41	-4.97	1,577	222	
Buffalo	81	10	100	62	1.08	8.62	6.28	-7.79	-5.75	1,577	321	
Dupree	84	11	104	64	0.00	10.76	8.00	-4.98	-3.29	1,627	164	
McIntosh	80	8	100	62	0.34	9.58	8.80	-5.12	-2.05	1,573	165	
Newell	82	9	106	61	0.02	7.30	5.18	-7.72	-5.77	1,678	329	
Timber Lake	82	9	100	63	0.84	13.24	10.40	-3.71	-1.61	1,674	252	
<b>North Central</b>												
Aberdeen	80	9	98	66	1.87	11.30	8.19	-5.41	-3.48	1,684	228	
Faulkton	81	8	101	65	0.67	10.57	8.68	-6.32	-2.80	1,652	164	
Mobridge	83	9	103	65	1.34	13.24	10.00	-1.89	0.21	1,634	197	
Roscoe	80	9	100	65	0.63	11.12	8.70	-6.19	-3.67	1,584	310	
<b>Northeast</b>												
Britton	80	7	95	66	0.66	11.66	9.31	-5.55	-2.94	1,670	157	
Clear Lake	78	7	98	64	0.38	16.11	11.66	-4.90	-2.27	1,527	83	
Sisseton	80	8	98	66	0.52	12.93	10.12	-5.74	-2.51	1,673	185	
Watertown	81	10	97	66	0.26	13.96	11.13	-3.96	-1.24	1,622	210	
Webster	81	9	98	66	4.20	16.54	13.62	-1.65	0.81	1,653	234	
<b>West Central</b>												
Faith	83	9	107	63	0.28	11.58	9.14	-5.20	-2.44	1,684	237	
Milesville	88	13	111	71	0.14	9.38	7.08	-8.06	-5.46	1,799	286	
Philip	87	12	111	65	0.13	6.21	4.62	-9.31	-6.70	1,807	306	
Rapid City	83	10	107	62	0.50	11.54	8.42	-1.91	-0.81	1,630	283	
Spearfish	81	6	100	59	0.27	11.20	7.29	-8.15	-5.61	1,699	414	
<b>Central</b>												
Chamberlain	88	14	108	66	0.01	15.53	8.88	-2.02	-2.88	1,854	306	
Highmore	83	12	103	66	1.24	13.01	9.41	-6.84	-5.39	1,597	75	
Huron	85	11	104	68	0.27	16.72	10.91	-1.23	-1.40	1,844	318	
Onida	86	12	103	64	1.33	15.82	9.71	-0.28	-0.88	1,695	151	
Pierre	87	12	109	65	0.02	11.08	7.18	-5.32	-4.18	1,740	170	
Wessington Spr.	85	10	105	68	0.09	17.29	13.20	-3.09	-1.00	1,730	147	
<b>East Central</b>												
Brookings	80	10	98	63	0.06	15.55	11.94	-3.94	-1.23	1,666	324	
Madison	83	12	102	63	0.38	18.92	14.68	-1.18	1.14	1,777	318	
Mitchell	89	15	106	71	0.04	18.88	13.33	0.07	0.38	1,983	387	
Sioux Falls	85	12	101	66	0.01	12.99	7.75	-6.31	-4.96	1,878	314	
<b>Southwest</b>												
Custer	75	8	95	57	1.11	11.86	9.02	-4.15	-2.15	1,221	205	
Hot Springs	82	9	105	61	0.40	10.71	7.94	-4.12	-3.04	1,802	333	
Oelrichs	83	9	107	61	0.05	11.32	8.66	-5.03	-3.45	1,763	283	
Porcupine	85	11	110	61	0.62	12.05	8.84	-4.46	-3.41	1,756	265	
<b>South Central</b>												
Kennebec	87	11	106	66	1.23	13.98	9.63	-2.53	-2.48	1,932	253	
Mission	85	11	104	61	0.95	12.08	7.41	-4.73	-4.71	1,767	346	
Murdo	88	13	110	66	0.18	11.42	8.74	-6.47	-3.63	1,830	299	
Winner	89	13	107	59	0.21	12.72	8.04	-7.77	-6.19	1,935	230	
<b>Southeast</b>												
Academy	86	12	110	64	0.11	14.00	9.27	-4.78	-4.28	1,792	212	
Centerville	84	11	100	63	0.12	10.99	7.27	-9.21	-6.81	1,891	316	
Pickstown	88	13	107	70	0.42	11.53	7.87	-8.37	-6.21	1,983	336	
Vermillion	85	10	101	66	0.15	14.28	9.90	-9.99	-7.79	2,101	285	
Yankton	85	10	102	67	0.05	13.37	7.34	-7.86	-7.58	1,932	285	

<sup>0</sup> DATA AND MAP SOURCE: State Climate Office of South Dakota