

# South Dakota Weekly Crop Weather Report

Released: June 4, 2012 -- 3:00 p.m. CST  
For Week Ending June 3, 2012  
SD-CW6123 Volume 61 Issue 23



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

Producers were busy spraying for weeds and insects, as well as cutting hay last week with 4.6 days suitable for field work. Warmer weather will be welcomed this coming week to help with the development of row crops. Major activities last week included; planting, weed control, caring for livestock, and haying.

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

## WEATHER INFORMATION

Cool conditions covered the state over much of the week, according to the State Climate Office of South Dakota. Overnight temperatures fell to near or below freezing in north central and northeast South Dakota during the middle of the week causing some damage on various crops. Storms in the northeast also caused some crop damage from hail.

Temperatures for the week averaged from the 50's across the state with some lower 60's along the Nebraska border. Most of the state had temperatures below average by 3°- 10° F. A few places in the southwest were closer to average. The highest temperature was 90° F at Oelrichs and Pickstown. The lowest reported was 31° F at Aberdeen and Timber Lake. Growing degree day accumulations range from near average in the northeast to nearly 10 days ahead of average in the southeast even after the cool week.

Precipitation continues to lag behind average in many places of the state mainly across the west and in the northeast. Cooler temperatures reduced water use for the week reducing some potential chance for crop stress. Vermillion reported the most precipitation for the week at 2.48 inches. Oelrichs reported the least at 0.01 inch for the week. Some changes were made to accumulated values in the data table to correct for missing data.

## SOIL CONDITION

Topsoil moisture is rated at 77 percent in adequate to surplus, 20 percent short and 3 percent very short. Subsoil moisture is rated at 72 percent adequate to surplus, 21 percent short and 7 percent very short.

## FIELD CROPS REPORT

With the early planting season this year, crop progress was still well ahead of the five year average for all crop stages. Corn was 95 percent emerged with an average height of 7 inches, ahead of the five year average by 4 inches. Soybeans were at 93 percent planted, with 65 percent emerged, ahead of the five year average of 30 percent emerged. Sorghum was at 57 percent planted, with 28 percent emerged. Sunflowers were at 45 percent planted. Winter wheat was at 87 percent headed, up 12 points from last week and ahead of the five year average of 26 percent. Spring wheat was at 73 percent in the boot stage, ahead of the five year average of 15 percent. Twenty-one percent of spring wheat was headed. Barley was at 51 percent in the boot stage, ahead of the five year average of 6 percent. Oats were reported at 79 percent in the boot stage, ahead of the five year average of 17 percent. Thirty-five percent of oats were headed.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle moved to pasture is rated at 91 percent complete. Stock water supplies are 2 percent very short, 12 percent short and 86 percent adequate to surplus. Feed supplies are 1 percent very short, 4 percent short and 95 percent adequate to surplus. Range and pasture conditions are rated 1 percent very poor, 5 percent poor, 31 percent fair and 63 percent good to excellent.

## Feed and Water Supplies Comparison as of June 3, 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	1	1	2	2	0	3
Short	4	6	8	12	0	6
Adequate	87	87	83	82	67	71
Surplus	8	6	7	4	33	20

## Soil Moisture Condition Comparison as of June 3, 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	3	2	0	7	4	0
Short	20	20	1	21	19	3
Adequate	72	72	63	67	69	59
Surplus	5	6	36	5	8	38

## Crop and Livestock Conditions as of June 3, 2012

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	2	8	34	46	10
Spring Wheat	0	2	26	52	20
Barley	0	0	8	54	38
Oats	0	6	18	53	23
Corn	0	2	15	63	20
Soybeans	0	0	17	70	13
Sorghum	0	4	36	58	2
Alfalfa	3	18	41	34	4
Cattle	0	0	8	72	20
Sheep	0	0	7	67	26
Range & Pasture	1	5	31	50	13

## Crop Progress as of June 3, 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>				
Headed	87	75	3	26
<b>Barley</b>				
Boot	51	26	0	6
Headed	4	1	0	0
<b>Oats</b>				
Boot	79	54	6	17
Headed	35	10	1	1
<b>Spring Wheat</b>				
Boot	73	54	2	15
Headed	21	7	0	1
<b>Corn</b>				
Emerged	95	86	65	71
Ave. Height (in.)	7	4	1	3
1st cult./spray	60	45	19	28
<b>Soybeans</b>				
Planted	93	86	50	70
Emerged	65	48	17	30
<b>Sorghum</b>				
Planted	57	53	39	54
Emerged	28	18	6	17
<b>Sunflower</b>				
Planted	45	30	29	28
<b>Alfalfa</b>				
1st Cutting	44	35	6	12
<b>Other Hay</b>				
Cut	8	5	2	3

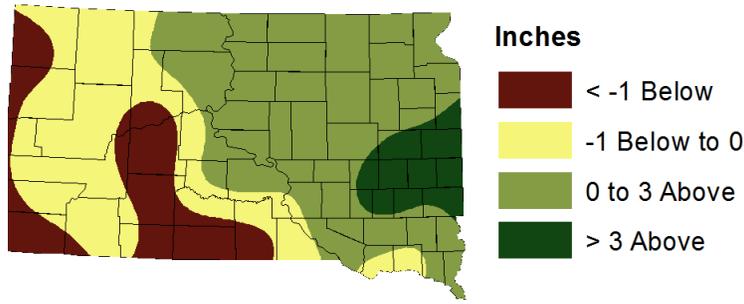
<sup>1</sup> Percents represent all acreage in or beyond each stage.

## Coming Soon – NASS's Annual June Surveys.

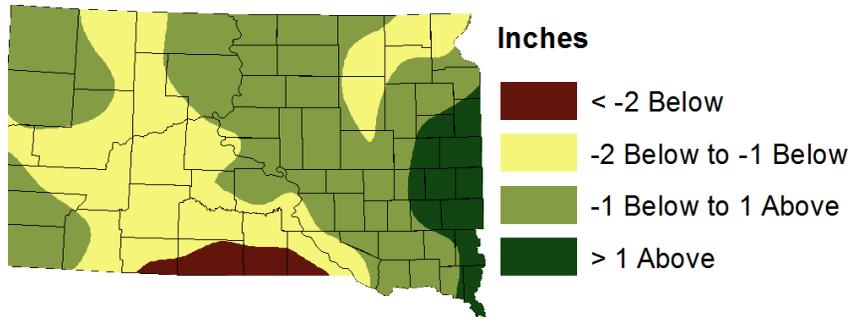
In the first two weeks of June, NASS will survey about 140,000 U.S. producers and visit 42,000 tracts of farm land to collect information on crops and livestock. Responses to these surveys provide the foundation for estimates in the upcoming growing year and will first be released in the *Acreage* and other reports on June 29. Watch for the survey and be sure to respond.

*Your information matters!*

**GROWING SEASON**  
**Accumulated Precip Deviation from Average**  
**From April 1 to June 3, 2012**



**PAST 30 DAYS**  
**Accumulated Precip Deviation from Average**  
**From May 5 to June 3, 2012**



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
**Week Ending Sunday, June 3, 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	53	-9	82	38	0.78	8.07	4.87	-1.45	-0.01	557	74
Buffalo	56	-3	87	35	0.33	5.64	3.30	-3.61	-1.57	532	87
Dupree	53	-9	85	36	0.59	7.36	4.60	-2.34	-0.65	561	20
McIntosh	53	-3	84	34	0.64	6.63	5.85	-1.77	1.30	566	57
Newell	56	-4	86	36	0.36	6.12	4.00	-2.60	-0.65	556	87
Timber Lake	53	-9	80	31	0.82	8.90	6.06	-1.22	0.88	584	77
<b>North Central</b>											
Aberdeen	55	-8	82	31	0.58	8.13	5.02	-1.70	0.23	575	53
Faulkton	56	-7	85	34	0.59	8.13	6.24	-2.59	0.93	553	6
Mobridge	53	-9	78	32	1.50	9.26	6.02	-0.56	1.54	552	57
Roscoe	52	-10	76	35	0.75	8.47	6.05	-1.91	0.61	498	58
<b>Northeast</b>											
Britton	55	-7	79	32	0.33	7.64	5.29	-2.23	0.38	549	-7
Clear Lake	55	-7	78	37	0.86	13.46	9.01	0.62	3.25	483	-26
Sisseton	57	-6	79	38	0.17	9.36	6.55	-1.80	1.43	552	13
Watertown	55	-6	77	35	0.44	8.70	5.87	-1.76	0.96	510	21
Webster	56	-6	76	38	0.90	10.28	7.36	0.12	2.58	503	6
<b>West Central</b>											
Faith	56	-6	86	37	0.53	7.31	4.87	-3.02	-0.26	590	69
Milesville	60	-3	89	39	0.25	5.68	3.38	-4.93	-2.33	650	100
Philip	59	-4	88	41	0.24	4.85	3.26	-4.54	-1.93	668	119
Rapid City	57	-3	88	36	0.15	8.46	5.34	-0.83	0.27	581	101
Spearfish	59	-2	87	40	0.32	9.41	5.50	-3.44	-0.90	610	176
<b>Central</b>											
Chamberlain	58	-5	81	37	0.72	11.97	5.32	-0.03	-0.89	659	75
Highmore	54	-8	79	32	1.05	10.52	6.92	-0.40	1.05	521	-44
Huron	57	-6	81	36	0.48	13.28	7.47	2.05	1.88	636	94
Onida	55	-5	80	32	0.60	12.06	5.95	1.51	0.91	574	-1
Pierre	56	-8	81	33	0.35	9.12	5.22	-1.36	-0.22	587	20
Wessington Spr.	56	-9	78	40	0.73	13.11	9.02	0.17	2.26	561	-33
<b>East Central</b>											
Brookings	56	-6	79	38	1.05	13.83	10.22	1.54	4.25	546	90
Madison	57	-5	78	38	1.05	17.19	12.95	4.36	6.68	620	108
Mitchell	59	-5	87	41	0.63	16.75	11.20	4.51	4.82	682	114
Sioux Falls	58	-5	84	38	1.08	12.27	7.03	-0.68	0.67	667	111
<b>Southwest</b>											
Custer	51	-4	78	32	0.21	7.59	4.75	-2.91	-0.91	361	35
Hot Springs	61	0	88	40	0.02	7.76	4.99	-1.37	-0.29	723	155
Oelrichs	61	-1	90	42	0.01	6.01	3.35	-3.60	-2.02	677	117
Porcupine	59	-2	87	40	0.07	8.47	5.26	-0.90	0.15	637	75
<b>South Central</b>											
Kennebec	59	-6	85	37	0.44	10.87	6.52	1.09	1.14	734	96
Mission	58	-4	86	41	0.14	8.39	3.72	-2.35	-2.33	622	127
Murdo	58	-5	84	41	0.27	9.10	6.42	-1.97	0.87	616	60
Winner	60	-6	84	40	0.34	9.74	5.06	-3.17	-1.59	685	37
<b>Southeast</b>											
Academy	57	-6	81	38	0.46	12.24	7.51	0.07	0.57	626	38
Centerville	59	-6	89	38	1.28	10.00	6.28	-2.63	-0.23	660	90
Pickstown	60	-5	90	40	0.56	10.42	6.76	-2.22	-0.06	743	146
Vermillion	61	-6	88	42	2.48	13.53	9.15	0.08	2.28	862	153
Yankton	59	-6	86	41	0.71	12.34	6.31	-0.77	-0.49	732	130

DATA AND MAP SOURCE: State Climate Office of South Dakota