

# South Dakota Weekly Crop Weather Report

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For Week Ending June 6, 2010  
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Cooperating with:  
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AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

## AGRICULTURAL SUMMARY

Weather conditions varied around the state with 4.9 days suitable for fieldwork last week. Planting continued in much of South Dakota while in other areas, fieldwork came to a stand still for most of the week. Crops and pastures are ready for sunshine to help with crop development. Farm activities focused on continuing corn, soybean, sorghum and sunflower planting, as well as moving cattle to pasture, and harvesting hay.

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

## WEATHER INFORMATION

Temperatures were very close to average statewide for the week. Most locations averaged in the low 60's, placing them near to a couple degrees below average primarily. Daily temperatures also showed fewer extremes. Clear Lake reported the high for the week at 88° F; Custer reported the low at 36° F. Precipitation was generally below average except for some scattered locations. Centerville reported the largest total at 1.86"; Murdo reported the lowest with no measureable precipitation. Since April 1<sup>st</sup>, east to southeast areas have been the driest. Clear Lake and Vermillion are both more than 2" below average since April 1st. In contrast several western stations are 2-4" above average over that same time.

## SOIL CONDITION

Soil temperatures at 4" are in the 60's statewide. Oacoma and Parkston were the warmest at 69° F. Redfield, Nisland, and Caputa were the coolest at 61° F.

## FIELD CROPS REPORT

Sunshine and warm weather would be ideal for the continuing crop development across much of the state of South Dakota. Ninety-six percent of the corn is planted, just 2 points behind last year's estimate and the five-year average of 98 percent. Average corn height is 5 inches which is up 1 inch from last year and equal to the five-year average. Progress was made in planting of soybeans yet again this past week, now at 80 percent planted, up 17 percentage points from last week. This is still 3 points behind the five-year average. Spring wheat now 30 percent booting, is up 15 points from the previous year and 3 points behind the 5 year average. Winter wheat is continuing to develop but remains slightly behind normal, and is now 47 percent headed, 2 points behind the five year average of 49 percent.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Pasture conditions are mostly good to excellent around the state, with some pastures considerably wet yet. Cattle are rated 86 percent in the good to excellent condition and 92 percent moved to pasture. Sheep are rated 85 percent in the good to excellent condition down 3 percent from last week. Feed supplies are rated at 93 percent adequate to surplus, up 5 points from last year. Stock water supplies are rated at 98 percent in the adequate to surplus categories, up 2 percentage points from last year. Eighty-four percent of range and pasture are rated is good to excellent condition, up 16 percentage points from last year and 21 percentage points above the five-year average.

### Average Soil Temperatures Week Ending June 6, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	68	Nisland	61
Beresford	67	Oacoma	69
Bowdle	62	Parkston	69
Brookings	63	Pierre	68
Caputa	61	Redfield	61
Cottonwood	68	South Shore	NA

## Feed and Water Supplies Comparison as of June 6, 2010

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	4	4	0	0	7
Short	6	8	13	2	4	14
Adequate	80	83	78	68	86	67
Surplus	13	5	5	30	10	12

## Soil Moisture Condition Comparison as of June 6, 2010

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	0	0	5	0	0	4
Short	3	4	36	2	2	27
Adequate	74	75	56	70	76	67
Surplus	23	21	3	28	22	3

## Crop and Livestock Conditions as of June 6, 2010

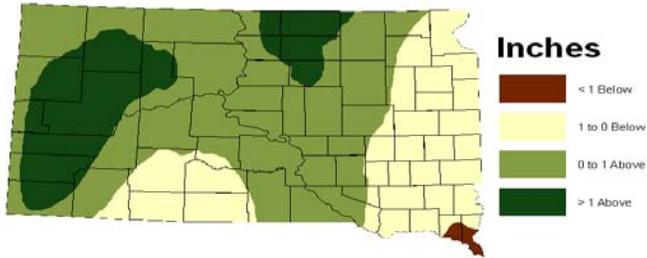
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	1	13	59	27
Spring Wheat	0	2	25	58	15
Barley	0	2	18	71	9
Oats	0	1	13	68	18
Corn	0	3	20	62	15
Soybeans	1	5	19	62	13
Alfalfa	0	1	14	70	15
Cattle	0	1	13	67	19
Sheep	0	1	14	61	24
Range & Pasture	0	3	13	64	20

## Crop Progress as of June 6, 2010 <sup>1</sup>

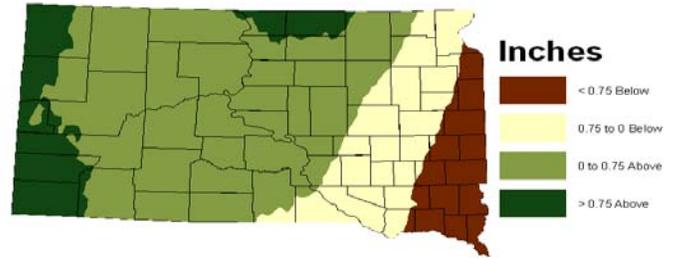
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Boot	90	73	78	87
Headed	47	17	27	49
<b>Barley</b>				
Emerging	89	71	95	97
Boot	7	2	19	20
Headed	2	0	1	2
<b>Oats</b>				
Emerging	91	85	97	99
Boot	21	9	17	30
Headed	4	0	1	3
<b>Spring Wheat</b>				
Boot	30	7	15	33
Headed	3	0	1	4
<b>Corn</b>				
Planted	96	92	98	98
Emerging	76	67	79	84
Ave. Height (in.)	5	3	4	5
1st cult./spray	45	24	39	38
2nd cult./spray	1	0	1	1
<b>Soybeans</b>				
Planted	80	63	86	83
Emerging	41	22	49	46
<b>Sorghum</b>				
Planted	65	21	78	64
Emerging	18	2	32	28
<b>Sunflower</b>				
Planted	42	38	38	36
<b>Alfalfa</b>				
1st Cutting	28	25	15	19
<b>Other Hay</b>				
Cut	9	4	3	5

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

Past 30 DAYS  
Accumulated Precip Deviation from Average  
From May 8 to June 6, 2010



GROWING SEASON  
Accumulated Precip Deviation from Average  
From April 1 to June 6, 2010



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
Week Ending Sunday, June 6, 2010

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>Degree s</i>	<i>Degree s</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>			
<b>Northwest</b>											
Bison	59	-3	75	40	0.13	10.94	5.72	1.54	0.99	530	49
Buffalo	60	0	76	37	0.30	6.95	3.31	-1.84	-0.95	450	21
Dupree	62	-1	76	45	0.25	10.48	5.81	1.72	1.66	521	26
McIntosh	60	-3	78	42	0.04	9.49	3.33	1.92	-0.45	446	-61
Newell	60	-2	76	40	0.40	8.63	4.63	0.78	0.92	415	-62
Timber Lake	64	1	87	44	0.04	9.93	4.26	0.71	0.00	528	74
<b>North Central</b>											
Aberdeen	62	-2	80	44	0.56	14.30	5.83	5.20	1.79	577	90
Faulkton	62	-1	82	45	0.57	13.23	4.76	4.32	0.53	546	49
Mobridge	62	-1	78	44	0.15	10.50	4.18	2.34	-0.51	565	88
Roscoe	63	1	79	47	0.11	14.72	5.21	5.31	0.75	531	76
<b>Northeast</b>											
Britton	62	-1	79	40	0.37	12.54	2.65	3.57	-1.36	572	60
Clear Lake	64	1	88	47	0.51	18.03	2.62	6.13	-2.20	582	167
Sisseton	64	0	79	47	0.26	17.66	3.45	7.12	-0.88	583	103
Watertown	62	0	79	42	0.33	14.37	3.79	4.51	-0.50	546	137
Webster	63	0	78	48	0.25	13.16	3.04	3.81	-0.97	546	122
<b>West Central</b>											
Faith	57	-6	73	40	0.68	9.48	5.07	0.82	1.05	490	-17
Milesville	64	0	78	46	0.80	12.93	4.16	3.39	-0.43	555	24
Philip	63	0	82	44	0.12	9.51	3.70	1.32	-0.47	553	7
Rapid City	60	0	78	39	0.76	9.79	6.33	1.48	2.24	429	-4
Spearfish	62	1	76	46	0.38	12.26	4.74	0.69	-0.47	486	45
<b>Central</b>											
Chamberlain	65	-1	82	51	0.64	15.09	6.60	4.15	1.59	575	53
Highmore	62	-1	79	44	1.11	12.34	5.42	2.21	0.72	510	5
Huron	64	0	80	47	1.02	14.01	4.91	3.78	0.28	628	113
Onida	63	0	82	44	0.21	12.57	4.77	4.12	0.70	538	31
Pierre	64	-1	82	46	0.53	13.36	3.67	3.78	0.16	564	9
<b>East Central</b>											
Brookings	63	0	78	44	1.53	13.97	4.22	4.30	-0.38	580	136
Forestburg	66	0	82	46	0.66	13.47	3.33	2.32	-1.81	710	112
Madison	62	-1	80	46	0.75	14.47	3.97	1.94	-1.76	592	150
Mitchell	67	-2	85	52	0.68	14.09	4.03	2.57	-1.23	693	157
Sioux Falls	64	0	82	45	0.82	14.98	3.72	3.08	-1.56	633	105
<b>Southwest</b>											
Custer	56	0	73	36	0.38	8.73	5.69	0.66	1.13	250	-63
Hot Springs	62	0	79	44	0.49	14.07	8.28	5.98	4.06	500	-63
Oelrichs	64	1	84	47	0.10	13.27	7.44	4.47	2.83	491	-49
Porcupine	62	0	83	44	0.14	14.82	5.06	6.46	0.98	495	-22
<b>South Central</b>											
Kennebec	66	0	86	48	0.14	13.04	3.69	3.29	0.00	669	27
Mission	65	2	87	50	0.33	11.83	4.59	1.77	-0.39	530	59
Murdo	65	2	84	50	0.00	12.34	3.78	2.24	-0.77	558	53
Winner	65	-2	85	50	0.35	13.01	6.06	1.10	0.70	555	-85
<b>Southeast</b>											
Academy	65	1	85	49	0.81	13.53	6.35	2.85	0.85	580	85
Centerville	64	-2	85	44	1.86	13.30	3.93	1.68	-1.37	642	88
Pickstown	65	-1	85	51	1.23	13.72	5.28	2.32	-0.25	590	24
Vermillion	67	-1	84	45	0.63	13.21	3.23	1.02	-2.29	780	79
Yankton	65	-1	85	46	1.19	18.14	5.66	6.20	0.12	705	124

DATA AND MAP SOURCE: State Climate Office of South Dakota