

# South Dakota Weekly Crop Weather Report

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For Week Ending May 6, 2012  
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Cooperating with:  
SOUTH DAKOTA STATE UNIVERSITY  
AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

## AGRICULTURAL SUMMARY

Rain slowed planting progress in some areas of the state as farmers try to finish planting corn. Crops continue to look good with the help of recent rains. There were 3.9 days suitable for field work this past week. Major activities last week included; planting of row crops, lining up seed delivery, weed control, caring for livestock, calving and lambing.

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

## WEATHER INFORMATION

Heavy rains and hail covered several counties in the east central part of the state roughly along a band from Mitchell to Flandreau, causing local flooding and some soil erosion on bare fields, according to the State Climate Office of South Dakota. Precipitation totals had several counties with 4-6 inches of precipitation from this storm. Across the state precipitation was reasonable, though not nearly as heavy. Oelrichs had the least precipitation for the week at 0.14 inch. Madison (in the core of the heavy rain) had the most for the week at 6.28 inches. Despite recent rains, several locations are slightly below average for the growing season. Several are obviously well above average at this point.

Temperatures once again were well above average across the state. Stations in the far southeast were the warmest with averages in the 60's. These were 8-11° F above average. Most of the rest of the state had average temperatures in the 50's ranging from a few degrees above average in the northwest to the much warmer temperatures in the southeast. Centerville and Mitchell shared the high for the week at 87° F. Custer had the low at 27° F. Other locations in the far southwest and north central reached the low 30's.

## SOIL CONDITION

Soil temperatures rebounded well across the state with most stations reaching around 60° F. Bowdle had the low 4 inch soil temperature at 51° F; Oacoma was the warmest at 65° F. Topsoil moisture is rated at 93 percent adequate to surplus, and 7 percent short. Subsoil moisture is rated at 85 percent adequate to surplus, 13 percent short and 2 percent very short.

## FIELD CROPS REPORT

Winter wheat conditions are rated at 3 percent poor, 24 percent fair, and 73 percent in good to excellent condition; compared to 67 percent in good to excellent condition last week. Winter wheat is at 37 percent boot and 4 percent headed. Spring wheat conditions are rated at 1 percent poor, 22 percent fair and 77 percent good to excellent. Spring wheat is 89 percent emerged, up 10 percentage points from last week's emerged estimate. Barley conditions are rated at 9 percent fair, and 91 percent in good to excellent condition. Barley is at 95 percent seeded with 78 percent emerged, up 23 percentage points from last week's emerged estimate. Oat conditions are rated at 1 percent poor, 16 percent fair and 83 percent good to excellent. Oats are reported at 93 percent seeded and 81 percent emerged, up 5 percentage points from last week's emerged estimate. Alfalfa conditions are rated at 2 percent poor, 22 percent fair, and 76 percent good to excellent. Corn is at 57 percent planted, up 26 percentage points from last week, with 11 percent emerged. Sorghum is at 2 percent planted and Soybeans are at 9 percent planted.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle are rated 7 percent fair and 93 percent in good to excellent condition, down from last week's 96 percent in good to excellent condition. Calving was at 86 percent complete. Cattle moved to pasture is rated at 51 percent complete. Sheep are rated 7 percent fair and 93 percent in good to excellent condition. Lambing was at 90 percent complete. Stock water supplies are 94 percent adequate to surplus and feed supplies

are 99 percent adequate to surplus. Range and pasture conditions are rated 75 percent good to excellent, 23 percent fair and 2 percent poor, compared to 70 percent good to excellent last week.

## Feed and Water Supplies Comparison as of May 6, 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	0	1	3	1	0	4
Short	1	8	12	5	1	6
Adequate	92	85	79	89	70	70
Surplus	7	6	5	5	29	20

## Soil Moisture Condition Comparison as of May 6, 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	0	0	0	2	2	1
Short	7	9	4	13	17	4
Adequate	85	83	57	79	74	58
Surplus	8	8	39	6	7	37

## Crop and Livestock Conditions as of May 6, 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	0	3	24	58	15
Spring Wheat	0	1	22	63	14
Barley	0	0	9	89	2
Oats	0	1	16	70	13
Alfalfa	0	2	22	63	13
Cattle	0	0	7	73	20
Sheep	0	0	7	67	26
Range & Pasture	0	2	23	63	12

## Crop Progress as of May 6, 2012 <sup>1</sup>

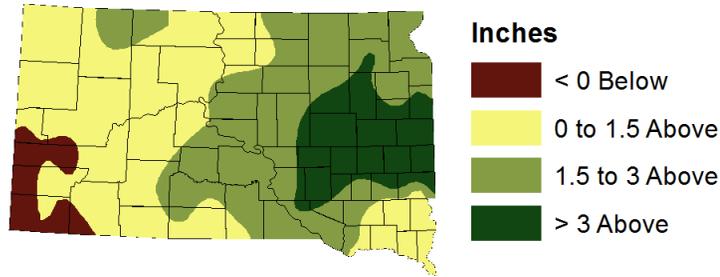
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Boot	37	10	11	13
<b>Barley</b>				
Seeded	95	80	23	52
Emerged	78	55	2	15
<b>Oats</b>				
Seeded	93	92	54	68
Emerged	81	76	17	28
<b>Spring Wheat</b>				
Emerged	89	79	13	33
<b>Corn</b>				
Planted	57	31	13	23
Emerged	11	0	0	1
<b>Soybeans</b>				
Planted	9	2	1	2
<b>Sorghum</b>				
Planted	2	1	0	1

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

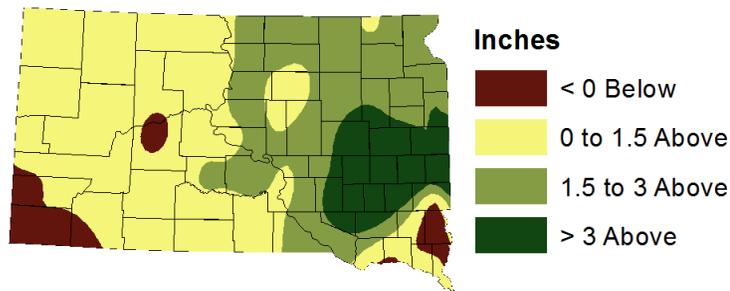
## Average Soil Temperatures Week Ending May 6, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	58	Nisland	53
Beresford	60	Oacoma	65
Bowdle	51	Parkston	60
Brookings	58	Pierre	61
Caputa	54	Redfield	58
Cottonwood	62	South Shore	58

**PAST 30 DAYS**  
**Accumulated Precip Deviation from Average**  
**From April 7 to May 6, 2012**



**GROWING SEASON**  
**Accumulated Precip Deviation from Average**  
**From April 1 to May 6, 2012**



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
**Week Ending Sunday, May 6, 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>		
<b>Northwest</b>											
Bison	53	1	72	33	0.98	6.70	3.50	-0.31	1.13	223	36
Buffalo	53	3	73	34	0.75	4.89	2.55	-1.60	0.44	246	67
Dupree	55	3	74	33	0.35	5.79	3.03	-1.02	0.67	260	47
McIntosh	54	2	73	31	0.56	5.36	3.06	-0.61	0.95	216	22
Newell	55	4	73	34	1.36	4.96	2.84	-1.23	0.72	264	74
Timber Lake	57	4	74	33	0.50	6.52	3.61	-0.87	1.16	273	80
<b>North Central</b>											
Aberdeen	60	7	77	42	0.68	7.32	4.21	0.05	1.98	245	51
Faulkton	58	7	77	40	0.75	6.34	3.66	-1.61	1.14	235	23
Mobridge	55	3	71	32	1.13	6.69	3.45	-0.68	1.42	249	67
Roscoe	57	6	76	38	0.61	6.65	4.23	-0.88	1.64	222	64
<b>Northeast</b>											
Britton	59	6	77	41	0.20	7.04	3.56	-0.13	1.40	212	8
Clear Lake	58	6	83	41	2.06	10.33	5.88	0.50	3.13	204	22
Sisseton	58	5	76	42	0.63	8.52	4.82	-0.06	2.52	207	11
Watertown	59	9	81	42	1.64	7.16	4.33	-0.80	1.96	206	33
Webster	58	6	76	43	1.30	8.01	5.09	0.34	2.85	187	10
<b>West Central</b>											
Faith	56	3	74	35	1.17	6.08	3.64	-1.45	1.31	274	68
Milesville	58	4	77	35	0.58	4.54	2.11	-2.89	-0.38	310	87
Philip	58	5	79	34	0.61	4.09	2.50	-2.38	0.23	316	95
Rapid City	55	4	75	33	0.61	6.81	3.69	0.25	1.35	282	81
Spearfish	56	4	75	38	1.17	7.90	3.99	-1.59	0.95	308	135
<b>Central</b>											
Chamberlain	62	9	79	41	1.07	10.59	3.94	1.91	1.05	303	73
Highmore	58	6	75	39	1.05	8.15	4.55	0.03	1.48	230	7
Huron	62	9	81	42	0.96	7.18	6.47	3.97	3.65	287	82
Onida	59	6	76	37	0.93	10.16	4.05	2.26	1.66	266	38
Pierre	59	5	76	39	0.63	7.62	3.72	0.06	1.20	278	52
Wessington Spr.	60	5	81	41	1.46	11.38	6.22	1.88	2.90	258	22
<b>East Central</b>											
Brookings	59	8	82	42	3.48	9.86	6.25	0.43	3.14	237	79
Madison	60	8	82	42	6.28	13.36	9.26	3.61	6.07	260	74
Mitchell	64	10	87	41	4.09	14.86	9.31	5.70	6.01	322	108
Sioux Falls	62	10	84	44	0.60	8.24	3.00	-1.58	-0.23	308	99
<b>Southwest</b>											
Custer	48	2	68	27	0.75	5.34	2.50	-2.12	-0.12	160	35
Hot Springs	57	5	77	30	0.73	5.23	2.46	-1.11	-0.03	368	122
Oelrichs	56	4	82	32	0.14	4.45	1.79	-2.28	-0.70	353	115
Porcupine	59	8	80	35	0.19	6.01	2.80	-0.63	0.42	316	78
<b>South Central</b>											
Kennebec	62	7	80	38	1.48	9.24	4.89	2.24	2.29	352	90
Mission	58	6	80	36	0.80	7.24	3.29	-0.19	0.55	296	102
Murdo	60	7	79	36	0.77	7.13	4.45	-1.16	1.68	296	68
Winner	61	5	80	41	1.11	8.22	3.54	-1.31	0.27	326	60
<b>Southeast</b>											
Academy	61	8	86	40	1.97	11.12	5.81	2.40	2.44	304	66
Centerville	64	10	87	44	0.40	7.09	2.59	-2.14	-0.35	301	83
Pickstown	63	8	85	42	0.98	9.40	5.74	0.13	2.29	370	135
Vermillion	68	11	86	44	0.22	9.15	4.77	-0.86	1.34	422	134
Yankton	65	11	86	44	0.70	9.25	3.23	-0.23	0.06	347	114