

# South Dakota Weekly Crop Weather Report

Released: May 17, 2010 -- 3:00 p.m. CST  
For Week Ending May 16, 2010  
SD-CW5921 Volume 59 Issue 21



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

Rain and cold temperatures hindered crop progress and planting, with only 2 days suitable for fieldwork last week. Some areas reported freezing temperatures along with some snowfall, while most reported rain for most of the week. Farm activities focused on moving cattle to pasture and preparing for planting. Warmer weather would benefit all farming activities this coming week.

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

## WEATHER INFORMATION

Cold and generally moist conditions pervaded the state last week, according to the State Climate Office of South Dakota. Average temperatures were mostly in the 40's and well below average. Many locations experienced frost or even some sub-freezing temperatures. The average temperatures were 5-12 °F below average for the week. Britton had the high temperature for the week at 75° F; Custer had the low temperature at 25 °F.

Precipitation was widespread and heavy in locations. Locations in and around the Black Hills had several inches of snow during the week. A majority of the stations in the state received near or well above an inch of precipitation. Rapid City and Spearfish reported the highest total at 2.42 inches; Pickstown had the lowest total at 0.25 of an inch.

## SOIL CONDITION

Soil temperatures continued to regress throughout the week until late in the week. Warm temperatures over the weekend helped soil temperatures recover into the 50's across the whole state. Brookings and Cottonwood had the highest temperature at 56 °F. Caputa was the lowest at 50° F.

## FIELD CROPS REPORT

Small grains are mostly in good to excellent condition even with the wet cold weather for the past week. Fifty-six percent of the corn is planted, behind last year's estimate of 58 percent as well as the five-year average of 62 percent. Progress was minimal for planting of soybeans, now at 9 percent planted, up 4 percentage points from last week. Ninety-two percent of the spring wheat has been planted, behind the of the five-year average of 95 percent. Seventy percent of the spring wheat is emerged. Eighty-eight percent of the oats has been planted, behind the five-year average of 93 percent. Sixty-seven percent of oats are emerged, up 15 percentage points from last year. Winter wheat in the boot stage is reported at 27 percent, up 14 percentage points from last year.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Calving is estimated at 92 percent complete. Cattle are rated 84 percent in the good to excellent condition and 50 percent moved to pasture. Lambing is 96 percent complete. Sheep are rated 85 percent in the good to excellent condition. Feed supplies are rated at 92 percent adequate to surplus, up 10 percentage points from last year. Stock water supplies are rated at 99 percent in the adequate to surplus categories, up 4 percentage points from last year. Eighty-two percent of range and pasture are rated good to excellent condition, up 7 percentage points from last week and up 27 percentage points from the five-year average.

## Feed and Water Supplies Comparison as of May 16, 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	7	6	0	1	9
Short	7	11	13	1	4	14
Adequate	85	77	76	70	81	67
Surplus	7	5	5	29	14	10

## Soil Moisture Condition Comparison as of May 16, 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	0	0	1	1
Short	1	2	13	2	2	8
Adequate	68	73	76	65	74	84
Surplus	31	25	11	33	23	7

## Crop and Livestock Conditions as of May 16, 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	2	15	63	20
Spring Wheat	1	1	18	68	12
Barley	0	1	11	86	2
Oats	0	1	14	74	11
Corn	0	4	22	68	6
Alfalfa	2	2	22	63	11
Cattle	1	1	14	68	16
Sheep	2	3	10	59	26
Range & Pasture	1	3	14	66	16

## Crop Progress as of May 16, 2010 <sup>1</sup>

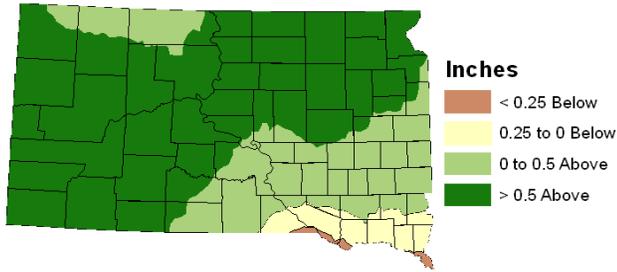
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Boot	27	26	13	34
<b>Barley</b>				
Seeded	76	64	81	87
Emerged	51	26	53	58
<b>Oats</b>				
Seeded	88	77	85	93
Emerged	67	46	52	69
<b>Spring Wheat</b>				
Seeded	92	88	93	95
Emerged	70	59	60	78
<b>Corn</b>				
Planted	56	47	58	62
Emerged	17	5	9	12
<b>Soybeans</b>				
Planted	9	4	17	16
Emerged	0	0	1	1
<b>Sorghum</b>				
Planted	1	1	13	13
Emerged	0	0	0	1
<b>Sunflower</b>				
Planted	2	0	2	4
<b>Alfalfa</b>				
1st Cutting	2	0	0	0

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

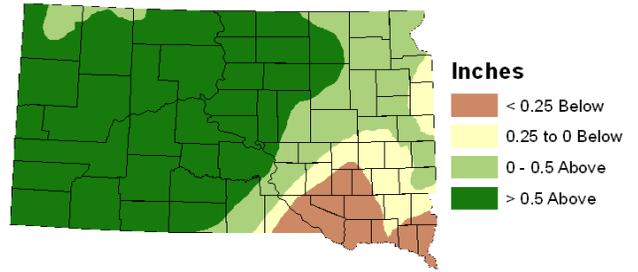
## Average Soil Temperatures Week Ending May 16, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	52	Nisland	51
Beresford	54	Oacoma	54
Bowdle	52	Parkston	54
Brookings	56	Pierre	54
Caputa	50	Redfield	52
Cottonwood	56	South Shore	NA

**GROWING SEASON**  
Accumulated Precip Deviation from Average  
From April 17 to May 16, 2010



**GROWING SEASON**  
Accumulated Precip Deviation from Average  
From April 1 to May 16, 2010



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
Week Ending Sunday, May 16, 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>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>			
<b>Northwest</b>											
Bison	44	-12	67	32	1.38	9.52	4.30	1.39	0.84	161	-81
Buffalo	46	-7	69	33	0.62	5.43	1.79	-1.78	-0.89	190	-8
Dupree	51	-5	74	32	1.53	8.33	3.66	1.19	1.13	223	-26
McIntosh	44	-12	69	33	0.63	8.70	2.54	2.52	0.15	185	-73
Newell	45	-10	68	32	1.39	7.34	3.34	0.80	0.94	236	-12
Timber Lake	48	-8	70	34	1.22	8.67	3.00	0.98	0.27	231	18
<b>North Central</b>											
Aberdeen	47	-9	73	32	1.38	13.00	4.53	5.43	2.02	256	19
Faulkton	46	-11	71	30	1.35	11.49	3.02	3.99	0.20	237	-10
Mobridge	47	-9	69	33	1.11	9.68	3.36	2.90	0.05	255	24
Roscoe	47	-8	70	38	1.44	13.79	4.28	5.95	1.39	230	3
<b>Northeast</b>											
Britton	48	-9	75	30	0.76	11.56	1.67	4.13	-0.80	275	20
Clear Lake	47	-9	72	35	1.50	17.92	2.51	7.80	-0.53	250	67
Sisseton	46	-11	72	28	0.95	17.52	3.31	8.47	0.47	255	28
Watertown	46	-9	70	29	0.87	13.33	2.75	5.15	0.14	231	47
Webster	46	-10	71	34	0.97	13.08	2.96	5.22	0.44	211	21
<b>West Central</b>											
Faith	45	-11	67	32	1.80	7.84	3.43	0.39	0.62	240	-17
Milesville	48	-9	70	36	1.63	12.23	3.46	4.40	0.58	250	-25
Philip	48	-9	70	33	1.38	9.86	4.05	3.22	1.43	250	-37
Rapid City	45	-9	68	31	2.42	8.92	5.46	2.05	2.81	186	-31
Spearfish	48	-6	68	32	2.42	13.02	5.50	3.33	2.17	215	0
<b>Central</b>											
Chamberlain	48	-8	71	37	1.38	12.84	4.35	3.59	1.03	260	-5
Highmore	46	-10	68	36	1.94	11.17	4.25	2.14	0.65	217	-38
Huron	46	-8	71	36	1.21	12.71	3.61	4.01	0.51	285	27
Onida	46	-10	69	30	1.70	11.84	4.04	4.84	1.42	245	-12
Pierre	47	-11	69	35	1.75	13.00	3.31	5.06	1.44	254	-33
<b>East Central</b>											
Brookings	46	-10	70	31	1.25	12.54	2.79	4.68	0.00	248	44
Forestburg	51	-7	74	37	0.75	13.33	3.19	3.72	-0.41	344	29
Madison	46	-9	69	36	1.41	14.51	4.01	3.73	0.03	262	56
Mitchell	49	-9	73	39	0.49	12.83	2.77	2.99	-0.81	315	52
Sioux Falls	47	-10	69	28	1.38	15.31	4.05	5.07	0.43	290	21
<b>Southwest</b>											
Custer	38	-11	60	25	1.68	7.68	4.64	1.23	1.70	80	-56
Hot Springs	47	-8	67	29	2.34	12.61	6.82	5.92	4.00	229	-80
Oelrichs	45	-10	69	30	1.67	12.09	6.26	4.77	3.13	224	-62
Porcupine	46	-10	70	30	1.55	15.46	5.70	8.50	3.02	222	-49
<b>South Central</b>											
Kennebec	50	-9	70	34	1.23	12.58	3.23	4.23	0.94	310	-37
Mission	46	-10	67	33	1.12	12.11	4.87	3.71	1.55	225	-7
Murdo	47	-10	70	32	1.70	13.15	4.59	4.59	1.58	238	-18
Winner	49	-10	70	38	0.75	10.89	3.94	0.78	0.38	250	-91
<b>Southeast</b>											
Academy	48	-9	71	35	0.46	10.27	3.09	1.34	-0.66	269	22
Centerville	49	-9	73	33	1.14	12.37	3.00	2.61	-0.44	318	45
Pickstown	49	-9	72	34	0.25	10.62	2.18	0.92	-1.65	280	-6
Vermillion	52	-9	72	36	0.91	13.00	3.02	2.57	-0.74	403	25
Yankton	50	-8	72	36	1.48	17.84	5.36	7.85	1.77	359	59

DATA AND MAP SOURCE: State Climate Office of South Dakota