

South Dakota Weekly Crop Weather Report

Released: April 11, 2011 -- 3:00 p.m. CST
For Week Ending April 10, 2011
SD-CW6015 Volume 60 Issue 15



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

Spring is slowly creeping in with warmer temperatures melting most of the remaining snow. Small grain planting is beginning, but some producers are still having trouble with flooding, causing road closures and roads that are too soft for heavy equipment. Producers continue to prepare equipment and supplies for planting and some have begun fertilizing alfalfa, pastures and some row crop and small grain fields. Farm activities included caring for livestock, calving and lambing, and hauling grain to market.

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

WEATHER INFORMATION

Most of the state experienced an overall quiet weather week with generally light showers in most places, according to the State climate Office of South Dakota. Some severe weather did produce some large hail and damaging winds during the weekend. Precipitation amounts were generally light (less than 0.5 inch) for the week. A few locations reported here, and from other stations not listed, reported some slightly heavier amounts. Mobridge reported the largest total for the week at 0.78 inch coincident with some larger totals across north central South Dakota. About half the stations reported here had 0.10 inch or less. Britton, Newell, Pickstown, Watertown, and Yankton reported no precipitation. This continues a trend of below average precipitation over the last 30 days except for areas of north central and northeast South Dakota. This trend extends back 60 days over the far southeast.

All locations in the state came in at or above average temperature for the week. Averages were in the 40's F except for Custer (39° F) and Pickstown, Vermillion and Yankton (> 50° F). These values placed most locations 2-6° F above average. Daily temperatures were not as warm this week with only a few stations reaching the 70's F. Milesville, Pierre and Porcupine shared the highest temperature at 73° F. Newell reported the lowest temperature at 17° F.

SOIL CONDITION

The overall dry conditions and warmer temperatures during the week helped to improve soil temperatures at the 4 inch depth across the state. Most of the state (except for northeastern areas) has reached the 40's F; northeastern areas are still in the 30's F. Cottonwood had the warmest soil temperature at 50° F; South Shore remained the lowest at 34° F.

FIELD CROPS REPORT

Spring wheat, oats and barley all made advances in the percent planted over the last week, but are still behind last year's progress. Spring wheat planting is estimated at only 5 percent for the state, compared to 13 percent last year and 10 percent for the five-year average. Spring planting of barley and oats is also getting underway for the 2011 planting season. Three percent of the oats has been planted, down from 7 percent for the five-year average. Three percent of the barley has also been planted, compared to 5 percent last year and 4 percent for the five-year average. Cool temperatures continue to delay the percent of winter wheat breaking dormancy. Percent of winter wheat that has broken dormancy is estimated at 62 percent, well behind last year's 88 percent. Winter wheat condition is rated 1 percent very poor, 2 percent poor, 30 percent fair, 59 percent good, and 8 percent excellent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Pastures are beginning to dry out and some greening is beginning to appear. Flooded roadways in some areas are causing problems moving feed supplies to cattle. Feed

supplies are rated at 91 percent adequate to surplus, up slightly from last year's 90 percent. Stock water supplies are also in good shape with 100 percent in the adequate to surplus categories, only 2 percentage points above last year. Livestock condition continues to remain mostly in the good to excellent range. Cattle are rated 79 percent in good to excellent condition, 18 percent fair, and 3 percent in the poor to very poor range. Calving is 52 percent complete compared to 53 percent a year ago and 7 percent of cattle have been moved to pasture. Sheep are rated 80 percent in good to excellent condition, 18 percent fair, and 2 percent in the poor to very poor range. Lambing is 59 percent complete compared to 72 percent last year.

Feed and Water Supplies Comparison as of April 10, 2011

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	4	0	1	6
Short	8	9	12	0	1	11
Adequate	84	84	79	74	73	70
Surplus	7	6	5	26	25	13

Soil Moisture Condition Comparison as of April 10, 2011

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	0	0
Short	2	2	2	4	4	2
Adequate	55	54	74	55	57	68
Surplus	43	44	24	41	39	30

Crop and Livestock Conditions as of April 10, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	1	2	30	59	8
Cattle	1	2	18	70	9
Sheep	0	2	18	72	8
Range & Pasture	2	6	30	55	7

Crop Progress as of April 10, 2011 ¹

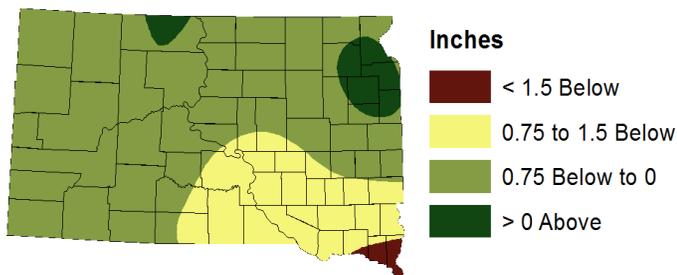
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Breaking Dormancy	62	29	88	78
Barley				
Seeded	3	0	5	4
Emerged	0	0	0	0
Oats				
Seeded	3	0	9	7
Emerged	0	0	0	0
Spring Wheat				
Seeded	5	1	13	10
Emerged	0	0	0	1

¹ Percents represent all acreage in or beyond each stage.

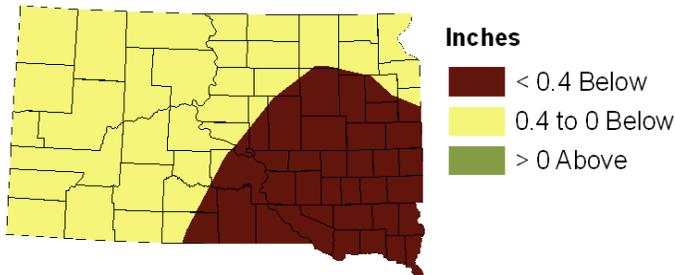
Average Soil Temperatures Week Ending April 10, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	37	Nisland	43
Beresford	42	Oacoma	47
Bowdle	41	Parkston	42
Brookings	41	Pierre	46
Caputa	46	Redfield	45
Cottonwood	50	South Shore	34

PAST 30 DAYS
Accumulated Precip Deviation from Average
From March 12 to April 10, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to April 10, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, April 10, 2011

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			
Northwest												
Bison	42	0	64	23	0.12	4.53	0.12	-0.74	-0.49	32	18	
Buffalo	41	1	58	20	0.10	3.77	0.11	-0.27	-0.24	26	16	
Dupree	46	4	68	26	0.45	6.49	0.45	1.52	-0.06	30	20	
McIntosh	42	1	61	20	0.11	4.01	0.11	-0.23	-0.35	14	2	
Newell	44	3	66	17	0.00	4.67	0.01	-0.06	-0.42	44	29	
Timber Lake	43	2	67	25	0.39	6.53	0.43	1.01	-0.13	24	14	
North Central												
Aberdeen	44	3	67	26	0.07	6.39	0.11	0.78	-0.44	28	20	
Faulkton	44	3	71	28	0.02	5.00	0.02	0.37	-0.50	18	8	
Mobridge	44	3	70	26	0.78	5.99	0.78	0.42	0.36	23	8	
Roscoe	42	4	68	27	0.24	7.31	0.25	1.80	-0.31	17	14	
Northeast												
Britton	44	4	63	28	0.00	7.85	0.04	2.32	-0.44	18	9	
Clear Lake	42	3	61	28	0.10	8.52	0.23	0.76	-0.47	14	13	
Sisseton	44	3	65	27	0.42	9.64	0.48	2.72	-0.13	21	15	
Watertown	43	4	61	26	0.00	8.80	0.01	2.64	-0.53	17	16	
Webster	43	3	61	26	0.15	11.00	0.15	5.03	-0.38	15	14	
West Central												
Faith	44	2	68	26	0.41	5.71	0.41	0.10	-0.04	30	12	
Milesville	49	5	73	26	0.48	5.06	0.48	-0.40	-0.03	55	28	
Philip	44	1	67	23	0.27	4.69	0.27	0.08	-0.18	40	10	
Rapid City	45	4	71	21	0.31	4.28	0.31	-0.46	-0.14	52	34	
Spearfish	46	3	59	28	0.24	6.27	0.27	-0.88	-0.42	47	30	
Central												
Chamberlain	48	6	68	30	0.02	4.06	0.02	-2.43	-0.58	41	20	
Highmore	44	3	69	27	0.05	3.37	0.05	-2.56	-0.62	24	7	
Huron	47	5	68	31	0.02	6.77	0.02	0.48	-0.61	30	13	
Onida	45	3	69	25	0.31	6.29	0.31	-0.05	-0.27	25	9	
Pierre	46	3	73	28	0.24	6.88	0.24	1.25	-0.27	40	13	
East Central												
Brookings	45	4	62	29	0.04	6.31	0.12	0.64	-0.48	21	17	
Forestburg	47	3	66	30	0.04	6.08	0.04	-0.79	-0.73	36	5	
Madison	45	4	62	24	0.15	5.59	0.39	-1.78	-0.39	23	17	
Mitchell	48	5	66	30	0.04	5.65	0.04	-1.25	-0.77	40	21	
Sioux Falls	47	5	65	24	0.04	5.82	0.04	-1.61	-0.68	40	20	
Southwest												
Custer	39	1	59	20	0.05	5.86	0.07	0.54	-0.42	22	19	
Hot Springs	48	4	70	22	0.30	4.42	0.32	0.03	-0.20	72	31	
Oelrichs	46	3	72	20	0.29	3.13	0.41	-1.65	-0.11	59	22	
Porcupine	47	5	73	21	0.40	7.12	0.46	2.31	-0.07	64	39	
South Central												
Kennebec	47	2	68	26	0.26	4.43	0.26	-0.58	-0.33	51	8	
Mission	47	5	72	25	0.06	5.12	0.11	-0.14	-0.45	48	33	
Murdo	47	4	71	25	0.24	5.75	0.24	-0.50	-0.46	44	22	
Winner	48	2	71	27	0.01	3.75	0.01	-1.19	-0.73	51	15	
Southeast												
Academy	47	5	70	28	0.02	3.01	0.02	-3.60	-0.73	39	20	
Centerville	47	4	66	26	0.03	4.79	0.03	-1.26	-0.60	44	22	
Pickstown	51	6	72	30	0.00	5.75	0.00	-0.90	-0.80	53	24	
Vermillion	52	5	68	25	0.03	4.72	0.03	-2.71	-0.78	55	7	
Yankton	50	6	72	34	0.00	6.58	0.00	-0.48	-0.72	49	23	

DATA AND MAP SOURCE: State Climate Office of South Dakota