

South Dakota Weekly Crop Weather Report

Released: May 2, 2011 -- 3:00 p.m. CST
For Week Ending May 1, 2011
SD-CW6018 Volume 60 Issue 18



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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Spring planting is making slow progress with only 2.1 days suitable for fieldwork in the past seven days. Cool temperatures continue to delay germination of grains that have been seeded and the percent emerged is still well behind last year and the five year averages. Farm activities included preparing equipment for planting, fertilizing, caring for livestock, calving and lambing.

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

WEATHER INFORMATION

Conditions improved slightly across the state last week as precipitation was lighter and temperatures were slightly warmer allowing some small progress in field work.

Average temperatures were in the 40's to low 50's statewide, according to the State climate Office of South Dakota. This was an improvement over previous weeks, but still below average. Most of the state was 1-5° F below average. Daily temperatures did reach the 70's F while the coldest temperatures fell below freezing again. Winner and Academy had the highest temperature of the week at 78° F; Custer had the low at 21° F. Growing degree day accumulations are still well below average at all locations across the state.

Precipitation totals across the state were fairly light (generally less than 0.5 inches) except for a few locations across the east. Only a few stations received above average precipitation for the week. Vermillion had the highest total for the week at 1.22 inches; Mission and Philip received the least with no recorded precipitation. Another 24 stations received less than 0.25 inches for the week.

SOIL CONDITION

Soil temperatures at the 4 inch depth continued slow improvement. Most of the state stayed in the 40's F with a few 50's F in more central areas. Cottonwood had the warmest soil temperature at 51° F; South Shore remained the lowest at 43° F.

FIELD CROPS REPORT

Despite last week's cool temperatures, small grains all made slight advances in the percent planted over the last week, but are still well behind last year's progress. Spring wheat planting is estimated at 22 percent for the state, compared to 74 percent last year and 68 percent for the five-year average. Thirty percent of the oats has been planted, down from 65 percent for last year. Nine percent of the barley has been planted, compared to 51 percent last year and 47 percent for the five-year average. Cool temperatures have also delayed progress of winter wheat growth with none of the winter wheat in the boot stage, behind last year's 17 percent. Planting of corn is just getting started with only 2 percent complete. Planting progress is well behind last year at 28 percent and the five year average of 15 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Feed supplies continue to be in good shape with 91 percent rated adequate to surplus, up from the five year average of 85 percent. Stock water supplies are also in good shape with 100 percent in the adequate to surplus categories, up only 1 percentage point from last year. Livestock condition continues to remain mostly in the good to excellent range. Cattle are rated 82 percent in good to excellent condition. Calving is 80 percent complete compared to 83 percent a year ago and 23 percent of cattle have been moved to pasture. Sheep are rated 83 percent in good to excellent condition. Lambing is 82 percent complete compared to 85 percent last year.

Feed and Water Supplies Comparison as of May 1, 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	2	3	0	0	6
Short	8	7	12	0	1	9
Adequate	84	85	79	70	73	71
Surplus	7	6	6	30	26	14

Soil Moisture Condition Comparison as of May 1, 2011

Rating	Topsoil			Subsoil		
	This Week	Last Year	Last Year	This Week	Last Year	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	3	2	1	4	4	2
Adequate	51	39	77	54	48	77
Surplus	46	59	22	42	48	21

Crop and Livestock Conditions as of May 1, 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	1	22	64	12
Oats	0	0	15	83	2
Alfalfa	0	7	22	64	7
Cattle	1	1	16	70	12
Sheep	0	1	16	72	11
Range & Pasture	2	8	26	56	8

Crop Progress as of May 1, 2011 ¹

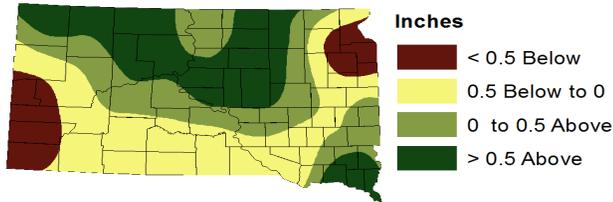
Item	This Week	Last Year	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	0	0	17	9
Barley				
Seeded	9	8	51	47
Emerged	1	0	7	12
Oats				
Seeded	30	16	65	60
Emerged	10	1	27	23
Spring Wheat				
Seeded	22	9	74	68
Emerged	5	2	34	28
Corn				
Planted	2	0	28	15
Soybeans				
Planted	0	0	3	1
Sorghum				
Planted	0	0	0	0

¹ Percents represent all acreage in or beyond each stage.

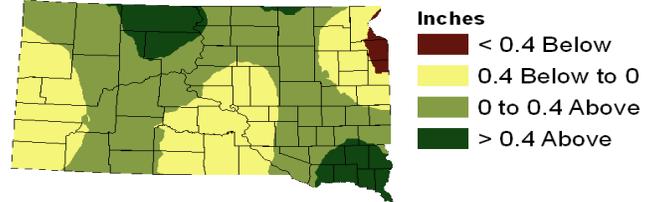
Average Soil Temperatures Week Ending May 1, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	46	Nisland	47
Beresford	45	Oacoma	52
Bowdle	45	Parkston	48
Brookings	46	Pierre	50
Caputa	47	Redfield	48
Cottonwood	51	South Shore	43

PAST 30 DAYS
Accumulated Precip Deviation from Average
From April 2 to May 1, 2011



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



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 1, 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		
<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>			
Northwest											
Bison	45	-4	68	30	0.24	6.58	2.17	-0.27	-0.02	111	-36
Buffalo	45	-3	66	36	0.18	5.64	1.98	0.40	0.43	77	-63
Dupree	45	-5	67	28	0.06	8.66	2.62	2.26	0.68	95	-73
McIntosh	44	-6	64	26	0.09	6.45	2.55	0.93	0.81	69	-82
Newell	45	-5	68	27	0.24	5.98	1.32	-0.18	-0.54	98	-55
Timber Lake	46	-4	69	26	0.12	8.83	2.73	1.83	0.69	87	-63
North Central											
Aberdeen	49	-1	71	30	0.49	9.30	3.02	2.36	1.14	86	-64
Faulkton	49	-2	73	29	0.26	7.09	2.11	0.99	0.12	70	-96
Mobridge	48	-2	73	29	0.06	7.89	2.68	1.10	1.04	91	-51
Roscoe	48	-1	70	27	0.12	9.50	2.44	2.40	0.29	74	-51
Northeast											
Britton	50	0	70	29	0.22	9.26	1.45	2.44	-0.32	70	-86
Clear Lake	47	-3	63	27	0.76	9.89	1.60	0.50	-0.73	60	-81
Sisseton	47	-4	65	27	0.35	10.90	1.74	2.47	-0.38	76	-74
Watertown	46	-2	66	28	0.38	9.94	1.15	2.36	-0.81	66	-66
Webster	46	-4	65	25	0.43	11.96	1.11	4.41	-1.00	60	-74
West Central											
Faith	47	-4	66	38	0.11	7.55	2.25	0.51	0.37	89	-73
Milesville	47	-5	68	33	0.03	7.32	2.74	0.33	0.70	126	-51
Philip	47	-4	68	30	0.00	5.99	1.57	0.04	-0.22	104	-73
Rapid City	44	-5	68	27	0.05	5.51	1.54	-0.64	-0.32	108	-53
Spearfish	45	-4	66	29	0.46	7.57	1.57	-1.45	-0.99	118	-20
Central											
Chamberlain	50	-1	77	42	0.12	6.47	2.43	-1.83	0.02	116	-68
Highmore	47	-4	75	29	0.10	4.65	1.33	-3.20	-1.26	80	-97
Huron	50	-1	73	32	0.57	9.34	2.59	1.39	0.30	98	-73
Onida	47	-4	72	28	0.05	7.71	1.73	-0.06	-0.28	84	-96
Pierre	47	-5	73	29	0.05	8.90	2.26	1.76	0.24	108	-72
East Central											
Brookings	46	-3	67	29	0.50	7.76	1.57	0.58	-0.54	67	-56
Forestburg	50	-2	74	31	0.45	8.95	2.91	0.07	0.13	104	-84
Madison	47	-3	69	28	0.53	8.14	2.94	-1.14	0.25	72	-75
Mitchell	49	-3	75	32	0.55	9.09	3.48	0.19	0.67	113	-57
Sioux Falls	48	-3	69	25	0.71	8.86	3.08	-0.50	0.43	102	-63
Southwest											
Custer	37	-7	57	21	0.52	7.86	2.07	0.97	0.01	35	-64
Hot Springs	46	-4	67	28	0.16	5.40	1.30	-0.61	-0.84	160	-39
Oelrichs	45	-5	68	29	0.15	3.86	1.14	-2.45	-0.91	140	-53
Porcupine	46	-4	68	32	0.04	8.83	2.17	2.57	0.19	131	-62
South Central											
Kennebec	50	-3	77	30	0.02	6.10	1.93	-0.47	-0.22	136	-74
Mission	47	-3	73	29	0.00	7.21	2.20	0.29	-0.02	107	-49
Murdo	48	-3	68	32	0.03	7.53	2.02	-0.34	-0.30	102	-80
Winner	49	-5	78	41	0.04	5.34	1.60	-1.54	-1.08	121	-93
Southeast											
Academy	47	-1	78	33	0.07	5.39	2.40	-3.26	-0.39	113	-78
Centerville	49	-4	69	30	0.92	8.26	3.50	0.37	1.03	107	-68
Pickstown	51	-2	77	32	0.21	8.29	2.54	-0.44	-0.34	153	-35
Vermillion	52	-3	76	30	1.22	9.68	4.99	0.18	2.11	163	-70
Yankton	49	-3	75	33	0.61	11.22	4.64	2.26	2.02	129	-59

DATA AND MAP SOURCE: State Climate Office of South Dakota