

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

With little or no moisture seen across the state this week, small grain crop conditions have decreased slightly but allowed for row crop planting preparations to take place. Major activities last week included; planting of small grains, preparing equipment and fields for the planting of row crops, applying fertilizers and chemicals, 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

Somewhat cooler conditions spread over the state during the week with some evening temperatures falling below freezing, according to the State Climate Office of South Dakota. While temperatures were cooler than previous weeks, the average temperatures were still well above average for early April. Precipitation was generally limited with a large part of the state receiving no precipitation again.

Temperatures despite being cooler were still well above average. Average temperatures were generally in the 50° s statewide. These temperatures were in most cases from 9° F to over 15° F above average. The coolest areas were from central to northwest South Dakota. Winner had the highest daily temperature at 94° F; Kennebec had the lowest temperature at 21° F. Much of the state had low temperatures that fell below freezing during the week.

Precipitation totals were highest west river with several stations reporting at least a couple tenths of an inch. The Rapid City Airport station had the most for the week at 0.41 inch. Large parts of the state had little to no precipitation. Over half the stations reporting had no recorded precipitation for the week. Most of the state has received less than half the average precipitation or in many locations less than 25 percent of average precipitation over the last 30 days.

SOIL CONDITION

Soil temperatures were largely unchanged (but slightly cooler) across the state. Bowdle had the low 4 inch soil temperature at 45° F; Oacoma was the warmest at 57° F. Topsoil moisture was rated at 42 percent in adequate to surplus, 46 percent short and 12 percent very short. Subsoil moisture was rated at 52 percent adequate to surplus, 39 percent short, and 9 percent very short.

FIELD CROPS REPORT

Planting of row crops will be starting soon. Across the state, farmers had hopes of rain to help with the germination of both the already planted small grains and the soon to be planted crops. Winter wheat needs moisture as conditions declined last week with 10 percent very poor, 8 percent poor, 34 percent fair, and 48 percent in good to excellent condition; compared to 1 percent very poor and 52 percent in the good to excellent condition the previous week. Eight percent of winter wheat acreage was lost to winter kill and 2 percent of the remaining acres reached the boot stage as of April 8th. Barley was at 27 percent seeded, up 19 percentage points from last week, with 1 percent emerged. Oats were reported at 50 percent planted and 16 percent emerged. Spring wheat was at 52 percent planted and 25 percent emerged. Corn was at 2 percent planted as of April 8, 2012.

LIVESTOCK, PASTURE, AND RANGE REPORT

Winds and lack of moisture were showing their affect, as livestock and pasture conditions decreased slightly from last week. Cattle are rated 92 percent in good to excellent condition down 5 percentage points from last week. Calving was at 55 percent complete as of April 8th. Cattle moved to

pasture were rated at 12 percent complete. Sheep were rated 94 percent in good to excellent condition, down compared to 97 percent last week. Lambing was at 66 percent complete as of April 8th. Stock water supplies were 90 percent adequate to surplus and feed supplies were 98 percent adequate to surplus, both ahead of the 5-year averages of 88 percent for stock water supplies and 84 percent for feed supplies. Range and pasture conditions were rated 52 percent good to excellent, 40 percent fair and 8 percent poor, compared to 55 percent good to excellent last week.

Feed and Water Supplies Comparison as of April 8, 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	2	8	13	9	0	8
Adequate	90	84	78	88	74	71
Surplus	8	7	6	2	26	17

Soil Moisture Condition Comparison as of April 8, 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	12	8	0	9	5	0
Short	46	45	2	39	38	4
Adequate	40	44	55	49	54	55
Surplus	2	3	43	3	3	41

Crop and Livestock Conditions as of April 8, 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	10	8	34	40	8
Cattle	0	1	7	69	23
Sheep	0	1	5	65	29
Range & Pasture	0	8	40	44	8

Crop Progress as of April 8, 2012 ¹

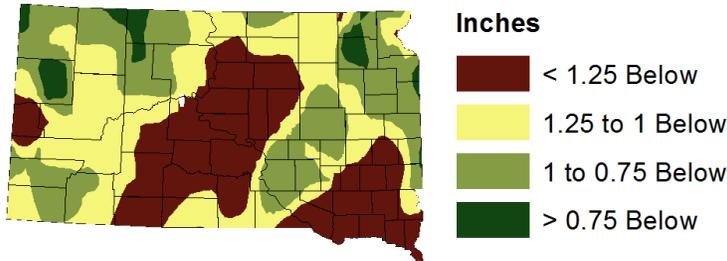
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	2	0	0	0
Barley				
Seeded	27	8	2	3
Emerged	1	0	0	0
Oats				
Seeded	50	16	2	4
Emerged	16	2	0	0
Spring Wheat				
Seeded	52	25	4	6
Emerged	25	3	0	0
Corn				
Planted	2	0	0	0

¹ Percents represent all acreage in or beyond each stage.

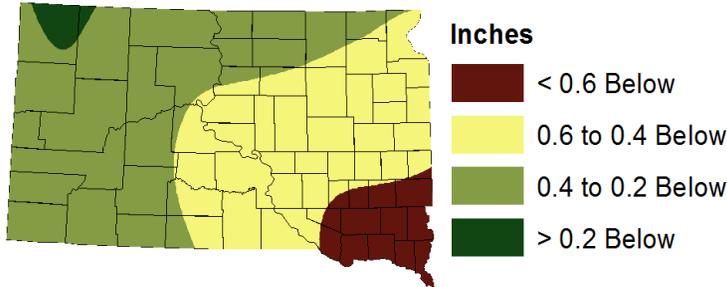
Average Soil Temperatures Week Ending April 8, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	49	Nisland	46
Beresford	51	Oacoma	57
Bowdle	45	Parkston	50
Brookings	50	Pierre	54
Caputa	48	Redfield	49
Cottonwood	55	South Shore	49

PAST 30 DAYS
Accumulated Precip Deviation from Average
From March 10 to April 8, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to April 8, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, April 8, 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		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	49	9	84	24	0.14	3.34	0.14	-1.78	-0.34	48	22
Buffalo	49	10	82	27	0.20	2.54	0.20	-2.15	-0.11	56	29
Dupree	51	10	88	27	0.18	2.94	0.18	-1.91	-0.22	72	41
McIntosh	49	9	88	27	0.05	2.35	0.05	-1.86	-0.30	50	24
Newell	51	10	86	29	0.22	2.34	0.22	-2.09	-0.14	60	29
Timber Lake	49	9	78	25	0.02	2.93	0.02	-2.45	-0.42	70	45
North Central											
Aberdeen	53	13	77	31	0.02	3.13	0.02	-2.34	-0.41	63	34
Faulkton	51	10	88	26	0.03	2.71	0.03	-3.20	-0.45	68	43
Mobridge	51	11	87	28	0.03	3.27	0.03	-2.43	-0.33	60	57
Roscoe	50	12	83	31	0.01	2.43	0.01	-2.95	-0.43	64	40
Northeast											
Britton	52	13	68	31	0.00	3.48	0.00	-1.90	-0.37	50	26
Clear Lake	50	12	73	32	0.03	4.48	0.03	-3.16	-0.53	60	38
Sisseton	51	11	68	29	0.00	3.70	0.00	-3.06	-0.48	54	32
Watertown	51	13	74	33	0.02	2.85	0.02	-3.22	-0.46	51	30
Webster	52	13	68	38	0.05	2.97	0.05	-2.86	-0.35	46	26
West Central											
Faith	53	11	88	28	0.17	2.61	0.17	-2.99	-0.23	62	32
Milesville	50	7	75	26	0.06	2.49	0.06	-2.84	-0.33	76	38
Philip	52	10	92	27	0.00	1.59	0.00	-3.01	-0.40	68	35
Rapid City	51	10	87	30	0.41	3.53	0.41	-1.09	0.01	63	36
Spearfish	49	7	81	29	0.19	4.10	0.19	-2.88	-0.34	61	59
Central											
Chamberlain	55	14	90	35	0.00	6.65	0.00	0.35	-0.51	72	36
Highmore	52	12	88	30	0.00	3.60	0.00	-2.03	-0.58	60	27
Huron	56	15	91	35	0.00	0.71	0.00	-0.24	-0.56	75	47
Onida	52	11	86	29	0.00	6.11	0.00	0.14	-0.46	68	35
Pierre	53	10	91	31	0.00	3.90	0.00	-1.58	-0.44	64	31
Wessington Spr.	53	11	90	32	0.00	5.16	0.00	-1.64	-0.62	76	42
East Central											
Brookings	53	13	88	36	0.00	3.61	0.00	-3.19	-0.48	72	53
Madison	55	15	90	31	0.00	4.10	0.00	-3.08	-0.62	81	57
Mitchell	55	13	77	35	0.00	5.55	0.00	-0.94	-0.63	83	52
Sioux Falls	56	16	89	35	0.00	5.24	0.00	-1.99	-0.64	78	50
Southwest											
Custer	43	5	73	23	0.04	2.88	0.04	-2.40	-0.40	32	12
Hot Springs	52	9	84	25	0.00	2.77	0.00	-1.48	-0.40	90	47
Oelrichs	51	9	86	27	0.31	2.97	0.31	-1.67	-0.09	77	37
Porcupine	51	10	89	24	0.16	3.37	0.16	-1.30	-0.25	72	31
South Central											
Kennebec	53	9	91	21	0.00	4.35	0.00	-0.52	-0.47	83	43
Mission	50	9	92	28	0.03	3.98	0.03	-1.15	-0.41	63	21
Murdo	52	10	91	31	0.00	2.68	0.00	-3.40	-0.56	69	39
Winner	56	11	94	36	0.05	4.73	0.05	-2.11	-0.53	79	36
Southeast											
Academy	53	12	92	26	0.00	5.31	0.00	-0.63	-0.59	79	42
Centerville	58	16	93	34	0.00	4.50	0.00	-2.35	-0.56	71	40
Pickstown	56	13	93	32	0.00	3.66	0.00	-2.79	-0.63	91	56
Vermillion	58	12	93	26	0.00	4.38	0.00	-2.84	-0.64	103	56
Yankton	56	13	91	35	0.00	6.02	0.00	-0.85	-0.56	88	53

DATA AND MAP SOURCE: State Climate Office of South Dakota