

South Dakota Weekly Crop Weather Report

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For Week Ending May 20, 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

The lack of moisture caused concern across parts of the state, as some areas saw high winds and temperatures last week. There were 6.10 days suitable for field work this past week. Major activities last week included; planting of row crops, 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

Temperatures warmed for the week across the state leading to much warmer than average conditions, according to the State Climate Office of South Dakota. Gusty winds accompanied the warmth helping dry surface soils across much of the state. Spotty heavier precipitation occurred in several places around the state over the weekend, while several other areas received none.

Temperatures for the week averaged well into the 60's for nearly the whole state. These values were 4-11° F above average. The warmest areas above average were in the northeast to east central. Much of the state reached 90° F or better during the week on strong southerly winds ahead of a low pressure area late in the week. The highest temperature reported was 95° F at Centerville and Philip. The lowest reported was 31° F at Custer. The warmer temperatures helped push GDD accumulation well ahead of average again. Accumulations since April 1 are a few days ahead of average across northern areas to 10 days ahead in the east central to southeast.

Precipitation was quite variable with Timber Lake in the north and several stations in the east central and southeast receiving over an inch total for the week. Many other locations in the northeast and western areas received a few tenths or less. Madison reported the most for the week at 2.15 inches. Britton, Sisseton and Webster reported no precipitation. Growing season precipitation accumulation is generally above average statewide. The exceptions are in the far southeast and southwest where a few stations are more than an inch below average so far.

SOIL CONDITION

Soil temperatures warmed with the very warm conditions across the state. Bowdle and Nisland had the low 4 inch soil temperature at 56° F; Oacoma was the warmest at 72° F. Topsoil moisture is rated at 81 percent in adequate to surplus, 16 percent short and 3 percent very short. Subsoil moisture is rated at 79 percent adequate to surplus, 16 percent short and 5 percent very short.

FIELD CROPS REPORT

Winter wheat conditions are rated at 4 percent poor, 27 percent fair, and 69 percent in good to excellent condition. Winter wheat is at 88 percent boot and 39 percent headed. Spring wheat conditions are rated at 7 percent poor, 14 percent fair and 79 percent good to excellent. Spring wheat is at 45 percent boot and 2 percent headed. Corn conditions are rated at 1 percent very poor, 1 percent poor, 12 percent fair, and 86 percent good to excellent. Corn is at 93 percent planted with 64 percent emerged. Soybeans are at 65 percent planted with 20 percent emerged.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle moved to pasture is rated at 75 percent complete. Stock water supplies are 2 percent very short, 6 percent short and 92 percent adequate to surplus. Feed supplies are 2 percent very short, 5 percent short and 93 percent adequate to surplus. Range and pasture conditions are rated 1 percent very poor, 5 percent poor, 22 percent fair and 72 percent good to excellent.

Feed and Water Supplies Comparison as of May 20, 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	2	1	3	2	0	4
Short	5	6	10	6	0	6
Adequate	84	85	81	87	68	70
Surplus	9	8	6	5	32	20

Soil Moisture Condition Comparison as of May 20, 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	3	0	0	5	3	0
Short	16	6	1	16	11	3
Adequate	74	85	58	74	78	56
Surplus	7	9	41	5	8	41

Crop and Livestock Conditions as of May 20, 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	4	27	54	15
Spring Wheat	0	7	14	59	20
Barley	0	0	7	91	2
Oats	0	0	13	71	16
Corn	1	1	12	67	19
Alfalfa	1	8	26	55	10
Cattle	0	1	8	68	23
Sheep	0	0	6	62	32
Range & Pasture	1	5	22	57	15

Crop Progress as of May 20, 2012 ¹

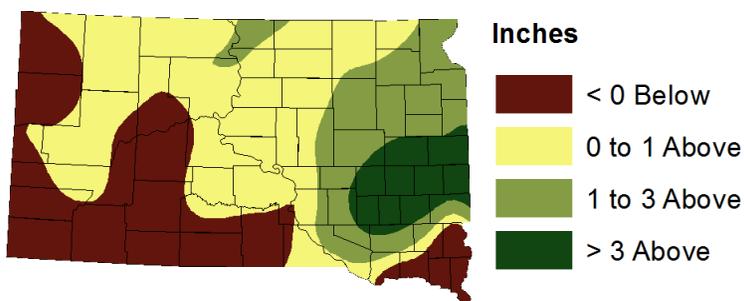
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	88	76	23	36
Headed	39	14	0	1
Barley				
Boot	15	0	0	0
Oats				
Emerged	98	90	48	69
Boot	23	3	0	1
Spring Wheat				
Boot	45	9	0	1
Headed	2	0	0	0
Corn				
Planted	93	79	65	69
Emerged	64	39	13	22
Soybeans				
Planted	65	28	16	24
Emerged	20	4	1	2
Sorghum				
Planted	19	5	6	16
Emerged	4	0	0	2
Sunflower				
Planted	3	1	3	5

¹ Percents represent all acreage in or beyond each stage.

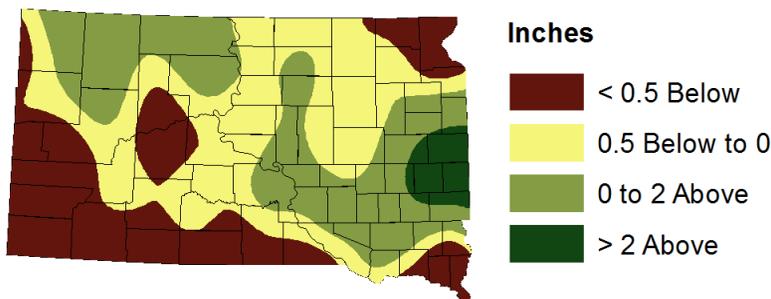
Average Soil Temperatures Week Ending May 20, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	63	Nisland	56
Beresford	61	Oacoma	72
Bowdle	56	Parkston	62
Brookings	62	Pierre	65
Caputa	57	Redfield	63
Cottonwood	67	South Shore	62

GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to May 20, 2012



PAST 30 DAYS
Accumulated Precip Deviation from Average
From April 21 to May 20, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 20, 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		
	<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	62	5	86	41	0.48	7.18	3.98	-1.07	0.37	368	46
Buffalo	62	8	86	41	0.24	5.13	2.79	-2.65	-0.61	405	104
Dupree	62	5	90	38	0.58	6.40	3.64	-1.76	-0.07	428	63
McIntosh	62	4	89	39	0.30	5.66	3.36	-1.43	0.13	372	34
Newell	64	8	90	36	0.29	5.25	3.13	-2.14	-0.19	426	109
Timber Lake	63	6	87	40	1.14	7.66	4.75	-1.03	1.00	447	110
North Central											
Aberdeen	65	7	93	36	0.01	7.42	4.31	-1.01	0.92	421	77
Faulkton	65	7	91	42	0.83	7.23	4.55	-2.09	0.66	407	42
Mobridge	64	6	92	43	0.78	7.47	4.23	-1.06	1.04	418	94
Roscoe	64	7	89	45	0.22	7.01	4.59	-1.86	0.66	388	99
Northeast											
Britton	67	9	94	39	0.00	7.09	3.61	-1.33	0.20	399	33
Clear Lake	64	7	90	40	0.84	11.29	6.84	0.13	2.76	359	29
Sisseton	69	11	94	41	0.00	8.60	4.90	-1.18	1.40	397	45
Watertown	64	8	92	36	0.07	7.24	4.41	-1.77	0.99	373	58
Webster	68	10	91	48	0.00	8.22	5.30	-0.59	1.92	367	46
West Central											
Faith	64	6	88	40	0.53	6.61	4.17	-2.31	0.45	455	103
Milesville	68	10	92	43	0.70	5.24	2.81	-3.76	-1.25	480	106
Philip	66	8	95	39	0.29	4.43	2.84	-3.44	-0.83	509	134
Rapid City	62	7	91	33	0.72	7.53	4.41	-0.36	0.74	448	117
Spearfish	63	7	87	39	0.79	8.69	4.78	-2.39	0.15	461	169
Central											
Chamberlain	67	9	92	42	0.32	10.93	4.28	0.61	-0.25	487	92
Highmore	64	7	90	40	0.72	8.87	5.27	-0.65	0.80	389	6
Huron	66	8	93	38	0.01	12.30	6.49	2.52	2.35	473	114
Onida	64	6	91	36	0.38	10.60	4.49	1.45	0.85	430	41
Pierre	64	5	92	36	0.50	8.18	4.28	-0.74	0.40	445	62
Wessington Spr.	65	5	90	45	0.12	11.50	6.34	0.25	1.27	422	21
East Central											
Brookings	68	11	91	39	1.47	11.39	7.78	0.73	3.44	430	139
Madison	68	11	92	39	2.15	15.51	11.41	4.31	6.77	456	124
Mitchell	68	8	94	47	0.89	15.75	10.20	5.12	5.43	496	122
Sioux Falls	65	7	91	37	0.89	9.91	4.67	-1.42	-0.07	494	129
Southwest											
Custer	56	6	82	31	0.87	6.21	3.37	-2.75	-0.75	273	56
Hot Springs	63	7	91	35	0.24	5.47	2.70	-2.26	-1.18	559	163
Oelrichs	64	7	94	33	0.47	4.92	2.26	-3.22	-1.64	544	156
Porcupine	65	8	91	38	0.46	6.48	3.27	-1.43	-0.38	501	112
South Central											
Kennebec	68	7	91	43	0.23	9.47	5.12	1.09	1.14	564	126
Mission	64	7	90	36	0.24	7.48	3.53	-1.59	-0.85	473	141
Murdo	66	8	92	43	0.73	7.87	5.19	-1.74	1.10	475	96
Winner	68	7	92	44	0.35	8.58	3.90	-2.64	-1.06	512	66
Southeast											
Academy	65	7	93	42	0.36	11.48	6.17	1.03	1.07	477	76
Centerville	69	9	95	37	0.37	7.72	3.22	-3.12	-1.33	493	117
Pickstown	67	7	93	40	0.31	9.75	6.09	-1.20	0.96	558	158
Vermillion	69	7	94	40	0.54	9.69	5.31	-2.00	0.20	649	166
Yankton	67	7	93	41	1.24	10.49	4.47	-0.74	-0.45	543	143