

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

A mostly dry week, with frost, allowed crops to dry-down and harvest to advance. Statewide, 6.7 days were suitable for fieldwork. Major farm activities included harvesting row crops and fertilizing for next year's crops.

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

WEATHER INFORMATION

South Dakota experienced another very dry and warm week, according to the State Climate Office of South Dakota. Several cold fronts passed during the week. But, none had enough moisture to produce more than a few hundredths of an inch of precipitation. The far western part of the state experienced some light snow during the weekend. The most precipitation reported was Newell's 0.08 of an inch, while nearly all locations remained dry. All locations were above average in temperature for the week, ranging from a few degrees above average in the east to ten degrees above in the far west. The northwest part of the state continues to be the driest location, as deviations from average precipitation since October 1 have reached over an inch in Timber Lake, Bison, and Faith.

SOIL CONDITION

Soil temperatures have held steady with the warmer air temperatures. Four-inch soil temperatures are still above 40° F except for the far eastern part of the state (Beresford 39° F and South Shore 37° F). Soil temperatures have fallen enough for some producers to do autumn fertilizing. Statewide soil moisture in good condition for the winter and into the spring. Topsoil moisture is rated at 84 percent adequate to surplus, down from 88 percent last week, but well above the average for this time of year, of 57 percent. Subsoil moisture was rated at 80 percent adequate to surplus, also above the average of 46 percent. The western third of the state is the biggest concern for soil moisture.

FIELD CROPS REPORT

Continued overnight frost and dry conditions have allowed row crop harvest to advance quickly. Corn harvest is now rated at 87 percent complete, placing it back on schedule, only slightly behind last year's 89 percent, but ahead of the five-year average of 82 percent. Soybean harvest is complete. Sorghum harvest is rated at 95 percent complete, ahead of both last year's 93 percent and the normal, also at 93 percent. Sunflower harvest rounds out the row crops with harvest rated at 78 percent, behind last year's 87 percent and behind the five-year average of 86 percent. Winter wheat condition was rated at 68 percent good to excellent, which is an improvement over the five-year average of 55 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Stock water supplies were rated at 75 percent adequate to surplus, which is better than the five-year average of 51 percent. Cattle condition was rated as 88 percent good to excellent. Also, sheep were rated at 89 percent good to excellent. Many producers are moving cattle and feed supplies in preparation for winter.

Feed and Water Supplies Comparison as of November 11, 2007

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	16	13	13	23	24
Short	8	27	21	12	29	25
Adequate	86	56	62	70	47	48
Surplus	5	1	4	5	1	2

Soil Moisture Condition Comparison as of November 11, 2007

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	4	3	11	11	11	24
Short	12	9	35	9	11	33
Adequate	79	78	53	74	69	41
Surplus	5	10	1	6	9	2

Crop and Livestock Conditions as of November 11, 2007

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	5	26	56	12
Cattle	0	1	11	69	19
Sheep	0	1	10	70	19

Crop Progress as of November 11, 2007 ¹

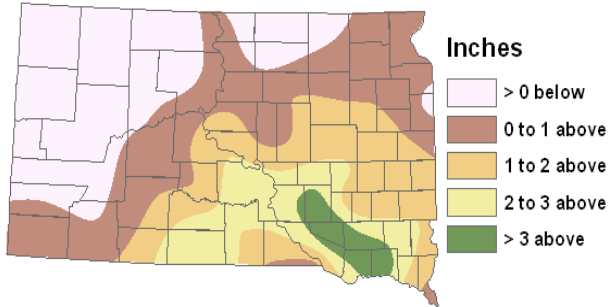
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn				
Grain Harvested	87	72	89	82
Sorghum				
Grain Harvested	95	91	93	93
Sunflower				
Harvested	78	67	87	86

¹ Percents represent all acreage in or beyond each stage.

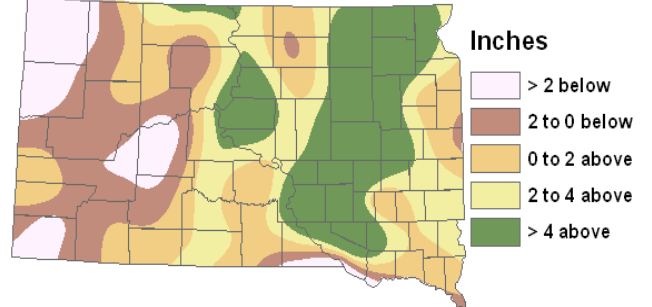
Average Soil Temperatures Week Ending November 11, 2007 (4-inch Depth)

Location	Temp	Location	Temp
Beresford	39	Nisland	45
Brookings	40	Oacoma	46
Caputa	43	Pierre	45
Cottonwood	43	Redfield	42
Gettysburg	NA	South Shore	37

Accumulated Precip Departure from Normal
for Oct 13 to Nov 11, 2007



Accumulated Precip Departure from Normal
for Apr 1 to Nov 11, 2007



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 11, 2007

District and Station	Temperatures Past Week				Precipitation				
	Average	Departure from Normal	High	Low	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	38	3	68	11	0.00	0.38	13.49	-1.37	-0.85
Buffalo	42	10	70	13	0.00	0.86	9.99	-0.92	-4.53
Dupree	41	7	66	11	0.00	1.13	15.72	-0.74	0.47
McIntosh	36	3	63	12	0.00	0.71	18.02	-0.97	3.82
Newell	42	6	74	12	0.08	0.95	11.08	-0.75	-2.01
Timber Lake	41	7	63	10	0.00	0.74	13.77	-1.23	-1.84
North Central									
Aberdeen	35	2	60	16	0.01	1.49	24.12	-0.51	6.96
Faulkton	36	3	61	16	0.00	2.27	18.32	0.21	1.41
Mobridge	38	3	58	15	0.00	2.61	18.16	0.77	3.63
Roscoe	35	3	65	12	0.01	1.75	17.02	-0.20	-0.24
Northeast									
Britton	36	3	58	21	0.00	1.91	23.15	-0.07	5.45
Clear Lake	36	2	63	20	0.04	3.75	21.75	1.14	0.48
Sisseton	35	1	60	19	0.00	2.72	23.16	0.39	5.06
Watertown	35	3	59	21	0.02	2.48	20.35	0.11	1.61
Webster	34	2	56	21	0.00	2.44	26.28	0.35	7.57
West Central									
Faith	43	7	68	17	0.00	0.80	16.00	-1.07	1.19
Milesville	44	7	67	15	0.00	1.75	13.63	-0.30	-3.10
Philip	44	8	69	13	0.00	1.82	11.87	0.19	-2.64
Rapid City	45	8	71	15	0.00	0.61	12.79	-1.06	-1.27
Spearfish	46	10	68	19	0.00	2.14	15.97	-0.42	-1.79
Central									
Chamberlain	43	7	61	19	0.00	4.02	25.85	1.86	7.09
Highmore	38	4	59	14	0.00	2.10	21.28	-0.07	3.12
Huron	38	3	62	17	0.00	3.12	26.40	1.12	9.10
Onida	40	5	62	15	0.00	4.53	23.79	2.57	7.57
Pierre	39	3	59	17	0.00	5.71	21.13	3.72	4.33
East Central									
Brookings	34	0	62	16	0.01	4.45	20.71	2.21	0.73
Forestburg	39	2	61	17	0.00	4.20	26.48	1.93	8.03
Madison	35	1	62	15	0.00	4.80	24.69	2.32	3.65
Mitchell	41	5	63	20	0.00	3.29	19.80	1.26	0.98
Sioux Falls	38	3	64	19	0.00	5.98	24.21	3.48	3.66
Southwest									
Custer	42	7	62	16	0.05	1.10	18.85	-0.66	1.65
Hot Springs	47	10	70	15	0.00	1.53	12.52	0.00	-2.47
Oelrichs	43	7	71	13	0.00	1.55	12.54	-0.05	-2.05
Porcupine	45	10	75	10	0.00	1.89	15.07	0.16	0.10
South Central									
Kennebec	42	5	61	13	0.00	3.92	16.79	2.12	0.70
Mission	44	7	71	16	0.00	4.12	19.84	2.22	2.57
Murdo	45	9	70	20	0.00	4.17	18.98	2.16	2.75
Winner	46	7	67	19	0.00	3.51	21.21	1.14	1.42
Southeast									
Armour	41	2	61	22	0.00	6.46	31.22	4.25	11.78
Centerville	39	1	68	18	0.00	6.18	22.20	3.83	1.34
Pickstown	45	6	71	22	0.00	3.72	18.16	1.51	-1.57
Vermillion	41	1	70	19	0.00	5.35	21.51	2.74	0.16
Yankton	41	3	73	20	0.00	5.83	21.44	3.43	0.29

DATA AND MAPS SOURCE: State Climate Office of South Dakota