

South Dakota Weekly Crop Weather Report

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For Week Ending November 25, 2007
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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 western part of the state received limited precipitation, otherwise it was a quiet week. Statewide, 6.6 days were suitable for fieldwork. Major farm activities included harvesting row crops, fertilizing for next year's crops, hauling hay for winter, and preparing equipment and livestock for winter.

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

WEATHER INFORMATION

The string of warmer weeks ended for the northwestern area and Black Hills as weekly average temperatures fell below average for the first time since October, according to the State Climate Office of South Dakota. The week was as much as three degrees below average in Spearfish and Custer. Some of this same area did receive a little snow for the week, accompanying the colder conditions. Spearfish, Custer, Buffalo and Bison recorded over a 0.1 of an inch of liquid mostly in the form of snow. The snow that did fall was relatively short-lived in most locations. Some accumulations still exist in the Black Hills and far northwest corner of the state.

The rest of the state continued to be warmer than average, overall, with stations in the northeast the warmest, at 4 to 6° F above average. Isolated, light precipitation amounts were reported in a few other places across the state. All these reports totaled less than 0.1 of an inch.

SOIL CONDITION

Average soil temperatures continue inching slowly downward toward freezing with nearly all 4-inch soil temperatures in the mid- to upper 30s except for Oacoma at 41° F. The final soil moisture ratings for the year put the majority of soils in adequate condition. Topsoil moisture is rated at 76 percent adequate to surplus. Subsoil moisture was rated at 73 percent adequate to surplus. The October precipitation should benefit the start of the growing season next spring. However, the western third of the state continues to be classified in moderate drought conditions, according to the US Drought Monitor.

FIELD CROPS REPORT

Corn and sunflower harvests are nearly complete. Ninety-nine percent of the corn harvest is rated complete, slightly ahead of the five-year average of 97 percent. Meanwhile, sunflower harvest is rated 97 percent complete, slightly behind the five-year average of 98 percent. Winter wheat condition is rated at 67 percent good to excellent. Recent mild weather conditions have allowed most winter wheat a good start headed into winter.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock producers are well prepared for the winter. Cattle condition is rated at 87 percent good to excellent. Sheep condition is rated at 89 percent good to excellent, with none rated in poor or very poor condition. Feed supplies are rated at 92 percent adequate to surplus. Stock water supplies are rated at 75 percent adequate to surplus. The western third of the state continues to be the shortest on stock water.

Feed and Water Supplies Comparison as of November 25, 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	NA	NA	11	NA	NA
Short	7	NA	NA	14	NA	NA
Adequate	84	NA	NA	69	NA	NA
Surplus	8	NA	NA	6	NA	NA

Soil Moisture Condition Comparison as of November 25, 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	7	5	NA	10	11	NA
Short	17	15	NA	17	14	NA
Adequate	70	72	NA	67	68	NA
Surplus	6	8	NA	6	7	NA

Crop and Livestock Conditions as of November 25, 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	27	52	15
Cattle	0	1	12	70	17
Sheep	0	0	11	69	20

Crop Progress as of November 25, 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	99	94	100	97
Sunflower				
Harvested	97	91	99	98

¹ Percents represent all acreage in or beyond each stage.

Average Soil Temperatures Week Ending November 25, 2007 (4-inch Depth)

Location	Temp	Location	Temp
Beresford	34	Nisland	37
Brookings	37	Oacoma	41
Caputa	37	Pierre	39
Cottonwood	35	Redfield	39
Gettysburg	NA	South Shore	34

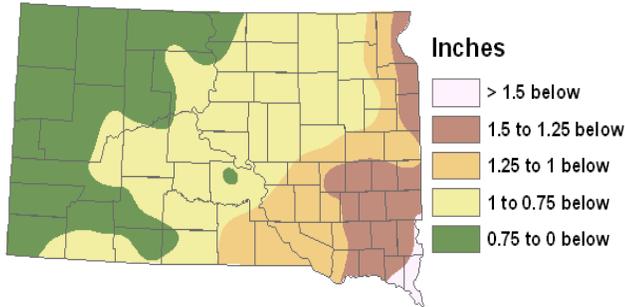
LAST WEEKLY REPORT OF 2007

This issue concludes the weekly reports for 2007 made possible by the dedicated county extension educators, Farm Service Agency county directors, and farmers and ranchers who supplied the necessary information. Reports will be issued monthly during the winter season.

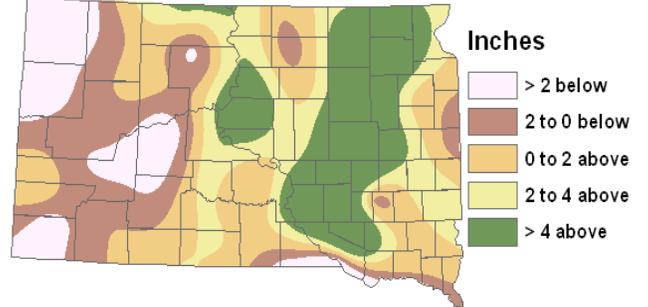
THANK YOU!

USDA NASS SOUTH DAKOTA FIELD OFFICE

Accumulated Precip Departure from Normal
for Oct 27 to Nov 25, 2007



Accumulated Precip Departure from Normal
for Apr 1 to Nov 25, 2007



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 25, 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>	<i>Inches</i>	
Northwest										
Bison	27	-1	51	9	0.16	0.54	13.65	-1.44	-0.92	
Buffalo	25	-1	45	9	0.12	0.98	10.11	-1.02	-4.63	
Dupree	28	1	48	13	0.08	1.21	15.80	-0.84	0.37	
McIntosh	28	2	47	12	0.00	0.76	18.07	-1.11	3.68	
Newell	28	-1	65	5	0.06	1.01	11.14	-0.92	-2.18	
Timber Lake	27	0	48	12	0.02	0.78	13.81	-1.46	-2.07	
North Central										
Aberdeen	28	2	51	4	0.00	1.50	24.13	-0.80	6.67	
Faulkton	29	3	51	6	0.00	2.27	18.32	-0.13	1.07	
Mobridge	30	2	50	11	0.01	2.69	18.24	0.65	3.51	
Roscoe	28	4	49	6	0.01	1.76	17.03	-0.56	-0.60	
Northeast										
Britton	31	6	50	12	0.07	1.98	23.22	-0.34	5.18	
Clear Lake	28	3	48	13	0.00	3.82	21.82	0.62	-0.04	
Sisseton	31	5	50	14	0.00	2.77	23.21	-0.05	4.62	
Watertown	29	4	52	14	0.00	2.51	20.38	-0.22	1.28	
Webster	29	4	48	11	0.00	2.44	26.28	0.00	7.22	
West Central										
Faith	29	0	48	14	0.03	0.83	16.03	-1.27	0.99	
Milesville	31	1	49	12	0.00	1.75	13.63	-0.51	-3.31	
Philip	30	1	52	11	0.00	1.82	11.87	-0.07	-2.90	
Rapid City	29	-2	51	9	0.01	0.64	12.82	-1.29	-1.50	
Spearfish	29	-3	59	5	0.17	2.44	16.27	-0.52	-1.89	
Central										
Chamberlain	33	4	53	10	0.00	4.02	25.85	1.48	6.71	
Highmore	28	1	51	9	0.00	2.10	21.28	-0.37	2.82	
Huron	31	3	55	8	0.00	3.13	26.41	0.75	8.73	
Onida	30	3	51	11	0.00	4.53	23.79	2.23	7.23	
Pierre	31	1	52	13	0.02	5.74	21.16	3.47	4.08	
East Central										
Brookings	30	3	51	15	0.01	4.46	20.72	1.78	0.30	
Forestburg	31	2	54	8	0.00	4.20	26.48	1.41	7.51	
Madison	30	3	53	11	0.00	4.80	24.69	1.74	3.07	
Mitchell	31	2	53	11	0.00	3.29	19.80	0.70	0.42	
Sioux Falls	32	4	54	14	0.00	5.98	24.21	2.85	3.03	
Southwest										
Custer	27	-3	57	1	0.13	1.28	19.03	-0.76	1.55	
Hot Springs	31	0	60	5	0.01	1.59	12.58	-0.15	-2.62	
Oelrichs	30	0	59	6	0.00	1.55	12.54	-0.33	-2.33	
Porcupine	30	1	67	5	0.00	1.89	15.07	-0.09	-0.15	
South Central										
Kennebec	32	2	54	9	0.00	3.92	16.79	1.88	0.46	
Mission	31	1	62	10	0.00	4.13	19.85	1.95	2.30	
Murdo	32	2	60	14	0.00	4.20	19.01	1.90	2.49	
Winner	33	0	55	14	0.00	3.51	21.21	0.74	1.02	
Southeast										
Armour	34	3	55	9	0.00	6.46	31.22	3.75	11.28	
Centerville	31	1	56	10	0.00	6.19	22.21	3.21	0.72	
Pickstown	33	1	56	10	0.00	3.72	18.16	1.06	-2.02	
Vermillion	34	2	57	12	0.00	5.35	21.51	2.09	-0.49	
Yankton	33	2	58	16	0.00	5.83	21.44	2.88	-0.26	

DATA AND MAPS SOURCE: State Climate Office of South Dakota