

South Dakota Weekly Crop Weather Report

Released: December 1, 2008 -- 3:00 p.m. CST
For Week Ending November 30, 2008
SD-CW5748 Volume 57 Issue 48



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SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Drier conditions allowed for continued progress in the row crop harvest in South Dakota. There were 5.6 days suitable for fieldwork in the past week. Farm activities focused on the harvest of row crops, preparing livestock for the winter season, moving hay, and repairing and winterizing equipment.

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 a very quiet weather week overall with no major storms and only small precipitation amounts, according to the State Climate Office of South Dakota. Only about a quarter of the stations in the state reported precipitation for the week with most only reporting a few hundredths of an inch. Chamberlain reported the largest total at 0.12 inch. The lowest temperatures for the week were mostly in the teens, with Philip having the lowest temperature at 10° F. Highest temperatures ranged from the low 40s to the low 60s. Porcupine had the highest at 61° F. For the week, the whole state experienced above average temperatures ranging from 3° to 9° F above average. Precipitation recharge for October and November has been good with wetter than average conditions over nearly the whole state except for a few scattered stations and the far southwest corner.

SOIL CONDITION

Very light snow cover exists over much of the eastern part of the state. Four-inch depth soil temperatures have fallen into the mid 30s with some locations falling below freezing. The lowest temperatures are in the northeast, with Aberdeen reporting 31° F. Oacoma and Pierre are the highest at 36° F. Topsoil moisture ratings remain high across the state, with 97 percent rated adequate or surplus. Subsoil moisture is now rated 87 percent in the adequate to surplus categories.

FIELD CROPS REPORT

The corn harvest advanced 13 percentage points in the last week, now estimated at 88 percent complete. Sorghum is now 94 percent harvested, 3 percentage points over last week. Sunflowers advanced 12 percentage points in the harvested category, now estimated at 83 percent complete. Producers report that the time drying grain is the biggest inhibitor to the progress of corn harvest. A portion of the crop in South Dakota will not be harvested until the ground is completely frozen.

LIVESTOCK, PASTURE, AND RANGE REPORT

Feed supplies and stock water supplies continue to remain strong going into winter. Feed supplies were estimated 96 percent adequate to surplus and stock water supplies were estimated at 90 percent adequate to surplus. Cattle condition remained at 84 percent in the good to excellent categories. Sheep conditions increased to 88 percent in the good to excellent categories. Open conditions have allowed producers to graze livestock on crop stubble.

Feed and Water Supplies Comparison as of November 30, 2008

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	NA	NA	1	NA	NA
Short	4	NA	NA	9	NA	NA
Adequate	81	NA	NA	79	NA	NA
Surplus	15	NA	NA	11	NA	NA

Soil Moisture Condition Comparison as of November 30, 2008

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	0	1	NA	1	1	NA
Short	3	4	NA	12	13	NA
Adequate	84	73	NA	76	66	NA
Surplus	13	22	NA	11	20	NA

Crop and Livestock Conditions as of November 30, 2008

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	2	37	52	9
Cattle	1	2	13	68	16
Sheep	0	2	10	71	17

Crop Progress as of November 30, 2008 ¹

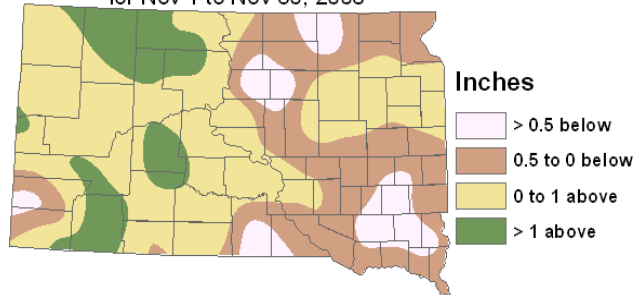
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn				
Grain Harvested	88	75	100	99
Sorghum				
Grain Harvested	94	91	100	99
Sunflower				
Harvested	83	71	99	99

¹ Percents represent all acreage in or beyond each stage.

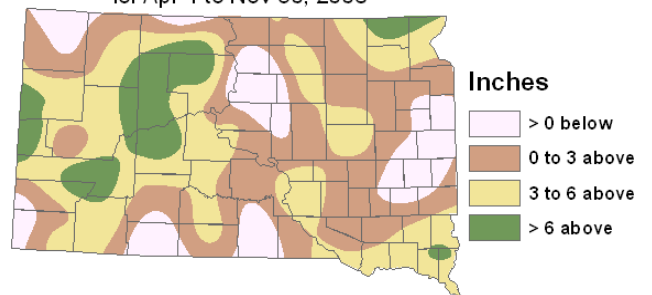
Average Soil Temperatures Week Ending November 30, 2008 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	31	Nisland	34
Beresford	34	Oacoma	36
Bowdle	35	Parkston	34
Brookings	32	Pierre	36
Caputa	35	South Shore	33
Cottonwood	33		

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Nov 1 to Nov 30, 2008



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Nov 30, 2008



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 30, 2008

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	31	5	44	16	0.00	4.20	18.21	2.17	3.59
Buffalo	34	9	54	19	0.00	2.39	14.56	0.34	-0.23
Dupree	30	5	46	14	0.00	3.10	23.37	1.00	7.89
McIntosh	31	7	49	14	0.00	3.66	14.05	1.74	-0.39
Newell	35	7	55	18	0.00	2.33	18.92	0.35	5.55
Timber Lake	32	7	49	18	0.00	4.62	27.10	2.32	11.16
North Central									
Aberdeen	29	6	44	11	0.00	4.91	19.44	2.53	1.90
Faulkton	32	8	54	13	0.01	2.39	20.41	-0.11	3.06
Mobridge	32	7	52	14	0.03	3.44	17.23	1.35	2.45
Roscoe	30	8	47	15	0.02	3.00	21.38	0.58	3.65
Northeast									
Britton	26	3	43	11	0.00	5.72	24.77	3.30	6.63
Clear Lake	28	5	43	12	0.00	5.59	21.62	2.24	-0.39
Sisseton	29	6	46	14	0.04	6.19	23.96	3.24	5.24
Watertown	26	4	44	12	0.00	4.22	19.13	1.39	-0.07
Webster	27	5	46	15	0.00	4.45	22.69	1.91	3.53
West Central									
Faith	32	5	46	20	0.00	3.15	22.18	1.00	7.09
Milesville	34	7	53	19	0.00	2.91	25.26	0.60	8.27
Philip	34	7	57	10	0.01	2.93	19.58	0.99	4.76
Rapid City	34	5	59	16	0.00	3.10	21.28	1.12	6.91
Spearfish	35	4	57	16	0.00	4.95	28.53	1.89	10.27
Central									
Chamberlain	34	7	51	18	0.12	3.89	23.93	1.25	4.69
Highmore	31	6	48	17	0.01	1.80	18.24	-0.74	-0.29
Huron	28	3	44	12	0.00	5.87	21.85	3.39	4.07
Onida	32	8	51	16	0.00	3.12	17.84	0.72	1.18
Pierre	33	5	52	13	0.00	2.20	20.22	-0.14	3.07
East Central									
Brookings	29	5	49	13	0.00	5.76	20.40	2.98	-0.12
Forestburg	30	3	48	13	0.04	5.66	20.30	2.73	1.19
Madison	29	5	49	12	0.00	5.28	19.40	2.07	-2.37
Mitchell	33	6	50	19	0.02	4.92	19.74	2.18	0.21
Sioux Falls	31	6	47	16	0.00	6.59	23.84	3.30	2.50
Southwest									
Custer	34	5	55	20	0.04	1.19	20.83	-0.95	3.25
Hot Springs	33	4	60	11	0.00	1.12	16.37	-0.67	1.12
Oelrichs	36	8	58	17	0.00	3.45	19.19	1.50	4.25
Porcupine	34	7	61	12	0.00	3.73	19.58	1.70	4.31
South Central									
Kennebec	33	6	56	13	0.00	3.55	17.95	1.46	1.57
Mission	34	5	57	14	0.00	2.82	21.76	0.54	4.11
Murdo	35	8	55	18	0.00	3.21	19.92	0.81	3.30
Winner	35	5	59	20	0.02	2.77	18.24	-0.10	-2.05
Southeast									
Armour	33	4	51	18	0.01	4.93	21.60	2.07	1.51
Centerville	31	3	50	15	0.00	6.20	27.84	3.04	6.17
Pickstown	35	5	57	17	0.00	5.70	23.50	2.92	3.20
Vermillion	33	3	48	13	0.00	7.99	27.25	4.55	5.07
Yankton	32	3	51	12	0.00	7.44	26.67	4.34	4.82

DATA AND MAPS SOURCE: State Climate Office of South Dakota