

South Dakota Weekly Crop Weather Report

Released: November 10, 2008 -- 3:00 p.m. CST
For Week Ending November 9, 2008
SD-CW5745 Volume 57 Issue 45



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

AGRICULTURAL SUMMARY

Producers pushed hard on row crop harvest, making good progress until mid-week when a winter storm brought fieldwork to a standstill. There were 3.9 days suitable for fieldwork in the past week. Farm activities focused on harvesting of row crops, general care of livestock, and weaning calves.

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

WEATHER INFORMATION

A powerful early winter storm dropped snow and rain across much of South Dakota during mid to late week, according to the State Climate Office of South Dakota. Over a foot of snow fell in many locations of the west, combined with winds gusting over 60 mph, causing severe traffic problems and loss of power to many areas. Total liquid precipitation amounted to over 1 inch in many areas and over 2 inches in some areas. Porcupine and Timber Lake reported the most precipitation, at 2.15 inches. Deadwood had the highest overall total, at 4.29 inches. Generally, the southeast was the driest, with less than a tenth of an inch in the far southeast few counties (Yankton and Vermillion 0.05 inch). The far southwest corner also reported less than a tenth of an inch (Hot Springs 0.04 inch). Much of the precipitation in the east fell as liquid, adding to existing soil moisture issues, slowing harvest. Precipitation has been several inches above average since October 1.

Temperatures early in the week were very pleasant ahead of the storm, as many locations reached highs into the 70s and low 80s. Porcupine was the highest at 85° F. The colder air after the storm was exacerbated by the deep snow cover. McIntosh dropped to the lowest, at 3° F.

SOIL CONDITION

Soil temperatures (4 inch) generally are in the 40s across the state. The lowest temperatures, generally, are in the northeast (Aberdeen, 42° F and Bowdle, 43° F). Oacoma and Pierre, in the central, and Beresford, in the southeast, are the warmest, at 47° F. Topsoil moisture was rated as 14 percent surplus, compared to 17 percent last week and 3 percent for the five-year average. Only 1 percent of topsoil was rated as very short, which is 11 points behind the five-year average. Subsoil moisture also saw a decrease of 1 point for the short to very short categories from last week, still 21 points lower than the five-year average.

FIELD CROPS REPORT

Favorable weather conditions for the first part of last week enabled good harvest progress in field crops, with progress still behind average. Corn is 53 percent harvested, a 20 percentage point gain over last week, but 28 percentage points behind the five-year average. The soybean harvest is 97 percent complete, a 3 percentage point gain over last week. Both sorghum and sunflower are 56 percent harvested, which are behind the five-year averages by 36 and 25 percentage points, respectively.

LIVESTOCK, PASTURE, AND RANGE REPORT

Range and pasture conditions, for the most part, remained at the same level as the previous week. Fifty-six percent of range and pasture conditions were rated good to excellent. Feed supplies decreased slightly, now estimated at 94 percent adequate to surplus. Stock water supplies increased slightly, to 89 percent adequate to surplus. Cattle condition moved downward 6 percentage points, to a rating of 82 percent good to excellent, while sheep condition dropped 9 percentage points, to a rating of 80 percent good to excellent.

Feed and Water Supplies Comparison as of November 9, 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	1	1	7	1	13	20
Short	5	8	17	10	12	23
Adequate	80	85	71	76	69	54
Surplus	14	6	5	13	6	3

Soil Moisture Condition Comparison as of November 9, 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	1	2	4	2	4	11
Short	4	8	11	15	14	10
Adequate	81	73	79	72	67	72
Surplus	14	17	6	11	15	7

Crop and Livestock Conditions as of November 9, 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	3	31	57	9
Corn	2	5	18	50	25
Sorghum	3	6	26	52	13
Sunflower	3	18	25	46	8
Cattle	1	2	15	64	18
Sheep	0	1	19	62	18
Range & Pasture	3	9	32	43	13

Crop Progress as of November 9, 2008 ¹

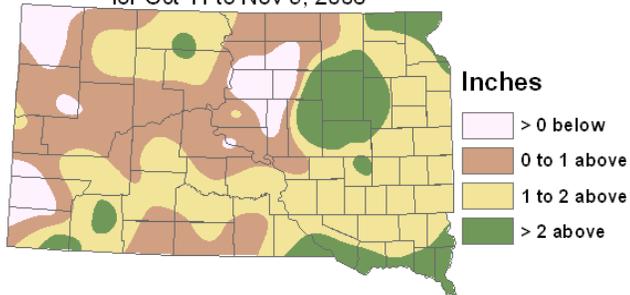
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Emerged	94	89	99	95
Corn				
Grain Harvested	53	33	83	81
Soybeans				
Harvested	97	94	99	100
Sorghum				
Grain Harvested	56	42	94	92
Sunflower				
Mature	99	92	100	100
Harvested	56	40	75	81

¹ Percents represent all acreage in or beyond each stage.

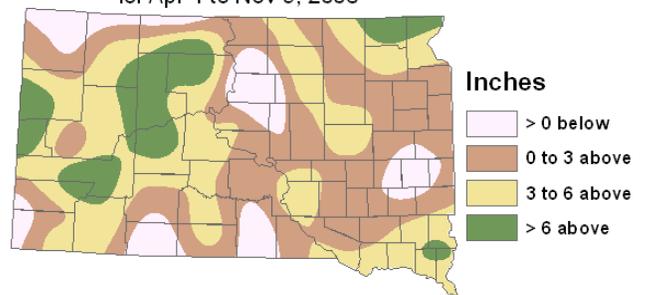
Average Soil Temperatures Week Ending November 9, 2008 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	42	Nisland	46
Beresford	47	Oacoma	47
Bowdle	43	Parkston	46
Brookings	46	Pierre	47
Caputa	44	Redfield	NA
Cottonwood	41	South Shore	45

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Oct 11 to Nov 9, 2008



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Nov 9, 2008



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 9, 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	35	-1	66	9	1.98	3.87	17.88	2.16	3.58
Buffalo	32	-1	63	13	0.47	2.03	14.20	0.29	-0.28
Dupree	34	-1	63	11	1.07	2.67	22.94	0.84	7.73
McIntosh	31	-4	64	3	1.22	3.52	13.91	1.88	-0.25
Newell	41	4	76	25	1.22	2.33	18.92	0.67	5.87
Timber Lake	35	0	62	9	2.15	4.53	27.01	2.60	11.44
North Central									
Aberdeen	38	4	69	20	0.14	4.78	19.31	2.84	2.21
Faulkton	36	1	68	13	0.24	2.32	20.34	0.32	3.49
Mobridge	34	-2	67	10	0.99	3.40	17.19	1.60	2.70
Roscoe	39	6	67	14	0.47	2.88	21.26	0.99	4.06
Northeast									
Britton	43	8	67	18	0.65	5.68	24.73	3.76	7.09
Clear Lake	43	8	73	16	1.36	5.23	21.26	2.72	0.09
Sisseton	41	6	70	20	0.69	6.07	23.84	3.82	5.82
Watertown	39	5	67	16	1.05	4.12	19.03	1.82	0.36
Webster	39	5	66	18	0.70	4.25	22.49	2.22	3.84
West Central									
Faith	35	-2	68	9	1.10	2.73	21.76	0.90	6.99
Milesville	36	-2	75	9	1.02	2.27	24.62	0.26	7.93
Philip	37	0	68	14	1.56	2.64	19.29	1.05	4.82
Rapid City	37	-1	66	16	1.58	3.05	21.23	1.42	7.21
Spearfish	41	4	76	16	1.65	4.56	28.14	2.08	10.46
Central									
Chamberlain	37	0	71	15	0.06	2.98	23.02	0.88	4.32
Highmore	36	0	68	13	0.27	1.62	18.06	-0.49	-0.04
Huron	40	3	72	18	0.20	5.24	21.22	3.30	3.98
Onida	36	1	68	11	0.98	2.84	17.56	0.94	1.40
Pierre	35	-3	68	12	0.47	1.72	19.74	-0.21	3.00
East Central									
Brookings	43	8	72	17	0.65	5.58	20.22	3.42	0.32
Forestburg	42	4	72	17	0.24	5.01	19.65	2.82	1.28
Madison	43	8	73	17	0.63	5.12	19.24	2.74	-1.70
Mitchell	41	3	72	18	0.21	4.28	19.10	2.33	0.36
Sioux Falls	41	5	73	19	0.24	5.82	23.07	3.42	2.62
Southwest									
Custer	36	0	56	22	0.13	0.94	20.58	-0.78	3.42
Hot Springs	42	4	78	19	0.04	1.05	16.30	-0.44	1.35
Oelrichs	40	3	64	18	1.40	3.41	19.15	1.85	4.60
Porcupine	41	5	85	11	2.15	3.56	19.41	1.87	4.48
South Central									
Kennebec	37	-1	70	12	0.41	2.93	17.33	1.17	1.28
Mission	38	1	80	11	1.18	2.68	21.62	0.82	4.39
Murdo	41	4	82	15	1.13	2.80	19.51	0.85	3.34
Winner	37	-3	69	18	0.24	2.62	18.09	0.33	-1.62
Southeast									
Armour	40	0	72	17	0.13	4.12	20.79	1.99	1.43
Centerville	47	9	78	20	0.11	5.52	27.16	3.27	6.40
Pickstown	44	4	81	20	0.09	5.06	22.86	2.93	3.21
Vermillion	49	8	80	20	0.05	6.77	26.03	4.26	4.78
Yankton	46	6	81	22	0.05	6.50	25.73	4.20	4.68

DATA AND MAPS SOURCE: State Climate Office of South Dakota