

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service
South Dakota Field Office
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Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

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For Week Ending December 20, 2009
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AGRICULTURAL SUMMARY

Another week of cold temperatures throughout the state, along with snow already on the ground hindered producers from finishing corn harvest, as there were 4.9 days suitable for fieldwork in the past week. Farm activities focused on caring for livestock, moving hay, finishing corn harvest, winterizing equipment, and moving snow.

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

Feed and Water Supplies Comparison as of December 20, 2009

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	1	NA	NA
Short	2	NA	NA	6	NA	NA
Adequate	88	NA	NA	82	NA	NA
Surplus	9	NA	NA	11	NA	NA

WEATHER INFORMATION

A fairly quiet week of weather occurred over the state, according to the State Climate Office of South Dakota. Temperatures continued to be colder than average over most of the state except for the Black Hills. Part of the cold temperature issue was due to continued snow cover. Most of the state had several inches of snow cover except for some areas from south central to west central South Dakota. Average temperatures were slightly warmer than last week but varied greatly across the state from single digits in the northeast to teens over much of the rest of the state and 20s around the Black Hills. These numbers were near average around the Black Hills to 8° F colder than average in scattered areas of the state. Spearfish had the highest daily temperature for the week at 49° F; McIntosh had the lowest at -25° F.

No major precipitation events occurred during the week. Highmore had the highest total at total at 0.20 inch of liquid, while 19 stations reported no precipitation.

Crop and Livestock Conditions as of December 20, 2009

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	5	26	57	12
Cattle	0	1	15	69	15
Sheep	0	1	18	65	16

Crop Progress as of December 20, 2009

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	82	NA	NA

SOIL CONDITION

With the air temperatures being as cold as they are the soil temperatures at 4 inch-depth are below freezing for all stations. Aberdeen was the coolest at 27° F; four stations were the warmest at 31° F.

FIELD CROPS REPORT

Corn harvested made little progress as the early week frigid temperatures caused producers to shut down their harvesting equipment. Corn harvest did advanced 6 percentage points, now estimated at 88 percent complete. Winter wheat condition is rated as 5 percent poor, 26 percent fair, 57 percent good, and 12 percent excellent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock continue to remain mostly in good to excellent condition. Cattle are rated 84 percent in good to excellent condition. Sheep are rated 81 percent in good to excellent condition. Feed supplies remain very strong in the state, this week rated at 97 percent adequate to surplus. Stock water supplies are also in good shape with 93 percent in the adequate to surplus categories.

Average Soil Temperatures Week Ending December 20, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	27	Nisland	31
Beresford	31	Oacoma	30
Bowdle	29	Parkston	31
Brookings	28	Pierre	29
Caputa	30	Redfield	30
Cottonwood	28	South Shore	31

LAST WEEKLY REPORT OF 2009

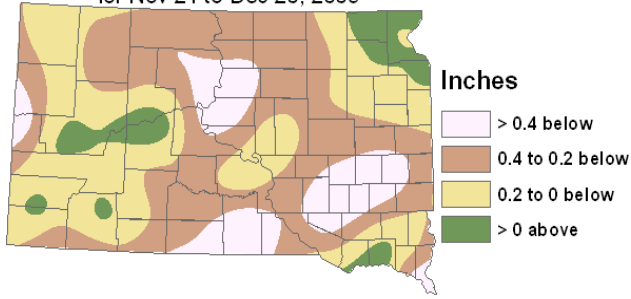
This issue concludes the weekly reports for the 2009 season. We sincerely thank the dedicated county extension educators, Farm Service Agency county directors, and farmers and ranchers who supplied the necessary information.

Reports will be issued monthly during the winter season. Weekly reports will resume on April 5, 2010.

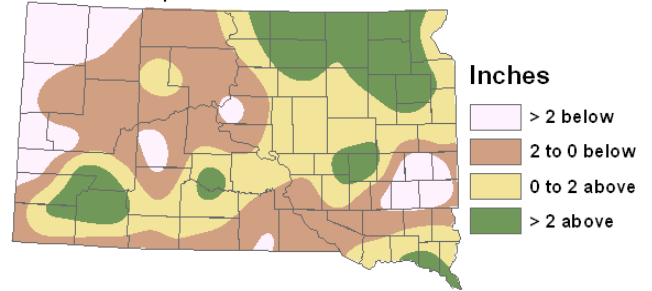
THANK YOU!

USDA, NASS, SOUTH DAKOTA FIELD OFFICE

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Nov 21 to Dec 20, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Dec 20 2009



TEMPERATURE and PRECIPITATION
Week Ending Sunday, December 20, 2009

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	15	-4	38	-19	0.08	3.49	12.75	1.16	-2.17	
Buffalo	20	1	40	-22	0.07	2.05	9.54	-0.20	-5.45	
Dupree	15	-3	41	-17	0.00	2.43	16.39	0.08	0.66	
McIntosh	12	-5	41	-25	0.02	2.91	13.60	0.75	-1.08	
Newell	20	0	46	-12	0.05	2.08	13.18	-0.10	-0.39	
Timber Lake	13	-4	40	-23	0.02	2.80	15.45	0.15	-0.84	
North Central										
Aberdeen	8	-6	23	-20	0.01	4.73	20.25	2.10	2.46	
Faulkton	8	-8	34	-19	0.14	5.07	19.48	2.28	1.84	
Mobridge	14	-3	34	-16	0.00	3.43	15.12	1.08	0.08	
Roscoe	7	-6	34	-17	0.04	4.78	21.76	2.05	3.72	
Northeast										
Britton	8	-5	24	-17	0.09	5.62	24.53	2.97	6.16	
Clear Lake	6	-7	27	-15	0.10	7.98	23.62	4.28	1.26	
Sisseton	9	-7	25	-8	0.13	8.02	20.97	4.77	1.95	
Watertown	5	-8	24	-16	0.09	6.92	22.19	3.84	2.74	
Webster	8	-5	26	-16	0.13	5.85	23.80	3.05	4.38	
West Central										
Faith	19	-2	39	-18	0.00	2.30	15.26	-0.12	-0.10	
Milesville	12	-9	38	-19	0.00	4.31	15.56	1.73	-1.70	
Philip	19	-2	41	-4	0.00	3.83	12.63	1.67	-2.41	
Rapid City	19	-4	47	-9	0.18	2.87	15.32	0.59	0.65	
Spearfish	30	3	49	-5	0.01	3.78	15.52	0.21	-3.25	
Central										
Chamberlain	17	-3	34	-9	0.00	3.27	19.02	0.23	-0.62	
Highmore	11	-6	29	-22	0.20	3.91	20.10	1.10	1.30	
Huron	11	-6	27	-15	0.00	4.17	18.89	1.41	0.83	
Onida	10	-6	32	-23	0.00	4.48	15.06	1.71	-1.97	
Pierre	12	-8	35	-13	0.04	4.44	15.95	1.84	-1.46	
East Central										
Brookings	7	-8	27	-14	0.04	6.59	21.11	3.60	0.38	
Forestburg	12	-7	29	-15	0.03	5.22	23.68	1.97	4.25	
Madison	11	-4	29	-12	0.01	5.39	17.72	1.75	-4.48	
Mitchell	15	-3	31	-9	0.00	4.73	19.53	1.57	-0.42	
Sioux Falls	13	-4	30	-9	0.01	6.07	19.41	2.38	-2.33	
Southwest										
Custer	27	2	41	6	0.00	2.85	16.41	0.31	-1.58	
Hot Springs	25	0	47	-8	0.00	4.17	17.64	2.14	2.15	
Oelrichs	18	-4	40	-10	0.03	3.60	16.05	1.34	0.80	
Porcupine	17	-4	47	-12	0.00	5.30	18.78	3.00	3.24	
South Central										
Kennebec	13	-7	35	-13	0.00	3.91	17.58	1.60	0.98	
Mission	17	-6	44	-9	0.00	2.63	18.39	-0.01	0.38	
Murdo	15	-5	40	-7	0.04	4.22	19.58	1.48	2.62	
Winner	24	-1	41	-5	0.00	2.11	19.08	-1.16	-1.61	
Southeast										
Armour	15	-6	32	-6	0.00	4.49	19.94	1.23	-0.55	
Centerville	11	-7	29	-7	0.01	5.37	23.77	1.77	1.66	
Pickstown	14	-8	37	-3	0.00	4.90	20.09	1.75	-0.58	
Vermillion	15	-6	31	-9	0.00	5.90	24.87	2.05	2.28	
Yankton	14	-6	37	-3	0.00	6.72	24.49	3.22	2.24	

DATA AND MAPS SOURCE: State Climate Office of South Dakota