

South Dakota Weekly Crop Weather Report

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National Agricultural Statistics Service
South Dakota Field Office
P.O. Box 5068
Sioux Falls, SD 57117-5068
Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

More wet weather to finish off the month of October kept producers out of the fields for most of the week. There were only 1.8 days suitable for fieldwork in the past week for producer to continue to harvest row-crops. There were a number of reports, across the eastern part of the state, which mentioned corn molds forming on the ears. Some of the major farm activities include harvesting row-crops, weaning and selling calves, and moving cattle onto row-crop stubble.

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

WEATHER INFORMATION

A major winter storm brought some heavy snowfalls to the western part of the state and some additional rainfall across the eastern part of the state further hindering the harvest activity, according to the State Climate Office of South Dakota. Precipitation totals ranged from a few tenths of an inch to nearly two inches from south east to east central South Dakota. Pickstown reported the most at 2.13 inches. The northern Black Hills reported over 2 feet of snow.

Statewide average temperatures for the week were much closer to average than much of the rest of October. Scattered stations west river were as much as 3-4° F below average. Most of the stations east river were above average by as much as 4° F. The highest temperature of the week was 67° F at Madison; Custer reported the lowest temperature at 13° F.

SOIL CONDITION

Topsoil rated at 95 percent in the adequate to surplus range last week, compared to 90 percent in 2008 and 77 percent for the five-year average. Subsoil was rated at 85 percent in the adequate to surplus range, compared to 82 percent last year and 66 percent for the five-year average. Soil temperatures at 4 inch-depth held relatively steady for all stations in the 40s F for the week.

FIELD CROPS REPORT

Fifty percent of the soybean crop has been harvested, compared to 92 percent last year and 95 percent for the five-year average. Twelve percent of corn has been harvested for grain, compared to 31 percent last year and 55 percent for the five-year average. Ninety-five percent of the winter wheat seeding is complete, compared to 99 percent in 2008 and 100 percent for the five-year average. Eighty-five percent of the winter wheat is emerged, compared to 88 percent last year and 92 percent for the five-year average. Ninety-six percent of the sunflowers are rated mature, compared to 91 percent last year and 97 percent for the five-year average. Fourteen percent of the sunflower crop has been harvested, compared to 37 percent in 2008 and 55 percent for the five-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle rated 89 percent in the good to excellent condition, compared to 87 percent in 2008 and 85 percent for the five-year average. Sheep rated 88 percent in the good to excellent condition, compared to 89 percent last year and 87 percent for the five-year average. Range and pasture rated 59 percent in good to excellent condition, compared to 58 percent last year.

Feed and Water Supplies Comparison as of November 1, 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	0	6	2	2	14
Short	3	4	12	4	11	19
Adequate	83	81	74	81	74	61
Surplus	13	15	8	13	13	6

Soil Moisture Condition Comparison as of November 1, 2009

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	3	2	3	5	4
Short	4	6	8	12	15	14
Adequate	70	78	72	71	73	67
Surplus	25	13	18	14	7	15

Crop and Livestock Conditions as of November 1, 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	3	29	62	6
Corn	1	4	19	52	24
Soybeans	1	3	25	54	17
Sorghum	1	4	18	59	18
Sunflower	0	5	21	57	17
Cattle	0	1	10	67	22
Sheep	0	1	11	64	24
Range & Pasture	2	7	32	46	13

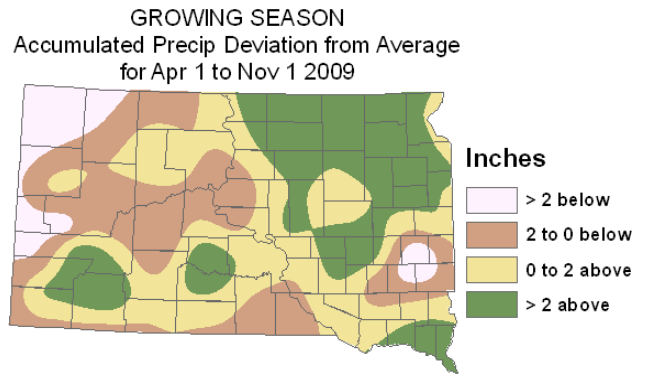
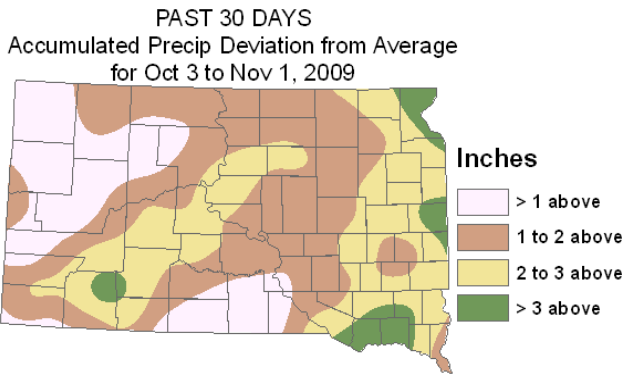
Crop Progress as of November 1, 2009 ¹

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	95	93	99	100
Emerged	85	80	88	92
Corn				
Grain Harvested	12	9	31	55
Silage Harvested	98	93	100	100
Soybeans				
Harvested	50	40	92	95
Sorghum				
Mature	98	94	99	100
Grain Harvested	42	26	40	76
Sunflower				
Mature	96	93	91	97
Harvested	14	10	37	55

¹ Percents represent all acreage in or beyond each stage.

Average Soil Temperatures Week Ending November 1, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	43	Nisland	43
Beresford	46	Oacoma	48
Bowdle	42	Parkston	46
Brookings	43	Pierre	44
Caputa	43	Redfield	46
Cottonwood	41	South Shore	42



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 1, 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>	
Northwest									
Bison	40	0	61	24	0.30	3.28	12.54	1.79	-1.54
Buffalo	41	3	63	23	0.18	1.87	9.36	0.36	-4.89
Dupree	40	0	59	25	0.42	2.29	16.25	0.68	1.26
McIntosh	37	-2	56	22	0.45	2.80	13.49	1.36	-0.47
Newell	41	0	62	20	0.44	1.96	13.06	0.53	0.24
Timber Lake	39	0	57	22	0.44	2.69	15.34	1.02	0.03
North Central									
Aberdeen	42	2	62	28	0.78	4.33	19.85	2.66	3.02
Faulkton	41	1	63	27	0.77	4.70	19.11	3.00	2.56
Mobridge	41	0	59	29	0.73	3.35	15.04	1.77	0.77
Roscoe	38	0	56	27	0.82	4.58	21.56	2.99	4.66
Northeast									
Britton	42	3	56	29	0.87	5.15	24.06	3.51	6.70
Clear Lake	39	0	56	29	1.58	7.24	22.88	5.15	2.13
Sisseton	42	1	60	29	1.53	7.22	20.17	5.35	2.53
Watertown	42	4	56	29	1.61	6.36	21.63	4.39	3.29
Webster	41	2	55	29	0.51	5.39	23.34	3.66	4.99
West Central									
Faith	41	0	59	26	0.42	2.18	15.14	0.58	0.60
Milesville	43	0	63	27	0.93	3.75	15.00	2.00	-1.43
Philip	44	3	64	28	0.78	3.55	12.35	2.20	-1.88
Rapid City	37	-4	58	19	0.21	2.40	14.85	1.00	1.06
Spearfish	41	0	62	22	1.07	3.55	15.29	1.42	-2.04
Central									
Chamberlain	45	3	65	30	0.52	2.87	18.62	1.07	0.22
Highmore	41	0	62	26	0.64	3.51	19.70	1.68	1.88
Huron	44	3	66	28	0.96	3.90	18.62	2.27	1.69
Onida	44	3	65	27	0.80	4.29	14.87	2.67	-1.01
Pierre	43	0	64	29	0.65	4.23	15.74	2.55	-0.75
East Central									
Brookings	40	1	56	27	1.72	6.41	20.93	4.58	1.36
Forestburg	45	2	66	27	1.73	4.90	23.36	3.11	5.39
Madison	44	4	67	25	1.01	5.10	17.43	3.12	-3.11
Mitchell	44	2	63	27	1.68	4.47	19.27	2.89	0.90
Sioux Falls	45	4	64	27	1.07	5.52	18.86	3.53	-1.18
Southwest									
Custer	35	-3	56	13	0.26	2.21	15.76	0.71	-1.18
Hot Springs	40	-1	63	16	0.86	3.38	16.85	2.09	2.10
Oelrichs	37	-4	59	21	0.87	2.58	15.03	1.25	0.71
Porcupine	36	-3	60	19	1.98	4.69	18.17	3.23	3.47
South Central									
Kennebec	43	0	66	26	0.67	3.65	17.32	2.13	1.51
Mission	38	-3	57	27	0.64	2.29	18.05	0.67	1.06
Murdo	41	-1	61	27	0.94	3.91	19.27	2.23	3.37
Winner	46	0	63	31	0.16	1.96	18.93	0.00	-0.45
Southeast									
Armour	44	0	65	30	1.40	4.24	19.69	2.44	0.66
Centerville	42	0	57	26	1.01	4.69	23.09	2.84	2.73
Pickstown	43	0	63	27	2.13	4.50	19.69	2.69	0.36
Vermillion	44	0	60	26	1.03	5.42	24.39	3.39	3.62
Yankton	44	0	60	33	1.36	5.90	23.67	4.00	3.02

DATA AND MAPS SOURCE: State Climate Office of South Dakota