

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Row-crop harvest continues to lag behind normal progress as producers wait for crops and fields to dry down. More wet weather, across the state, did not help the already wet conditions, as there were only 2.0 days suitable for fieldwork in the past week. Some of the major farm activities include harvesting row-crops, caring for livestock, and finishing winter wheat seeding.

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

WEATHER INFORMATION

Harvesting continued to be slowed by some heavier rainfalls in the eastern part of the state and overall statewide cool and cloudy conditions, which limited drying of wet soils, according to the State Climate Office of South Dakota.

Average temperatures, while much closer to average than earlier in the month, were still colder than average statewide. A few stations in the west were close to average, but the bulk of the state ranged from 2-6° F below average. The warmest daily high was Porcupine at 82° F. The coldest low temperature was in Custer at 20° F.

Precipitation was heaviest in the eastern quarter of the state and in a band from Shannon County northeast to Faulk County. Yankton reported the most precipitation for the week at 2.60 inches. DuPree reported the least at 0.09 inch.

The most recent US Drought Monitor map removed the last part of D0 (Abnormally Dry) conditions from the northwest corner on its latest map. South Dakota now has no area included on the US Drought Monitor.

SOIL CONDITION

Topsoil rated at 91 percent in the adequate to surplus range last week, compared to 92 percent in 2008 and 79 percent for the five-year average. Subsoil was rated at 80 percent in the adequate to surplus range, compared to 83 percent last year and 66 percent for the five-year average. Soil temperatures slowed their decline with averages, at 4-inch depth, for nearly all stations maintaining in the 40s F for the week.

FIELD CROPS REPORT

Corn rated mature is at 96 percent, compared to 94 percent last year and 98 percent for the five-year average. Nine percent of corn has been harvested for grain, compared to 16 percent last year and 38 percent for the five-year average. Forty percent of the soybean crop has been harvested, compared to 82 percent last year and 88 percent for the five-year average. Ninety-three percent of the winter wheat seeding is complete, compared to 96 percent in 2008 and 99 percent for the five-year average. Eighty percent of the winter wheat is emerged, equal to last year, but behind the five-year average of 85 percent. Ninety-three percent of the sunflowers are rated mature, compared to 85 percent last year and 92 percent for the five-year average. Ten percent of the sunflower crop has been harvested, compared to 15 percent in 2008 and 38 percent for the five-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle rated 88 percent in the good to excellent condition, compared to 87 percent in 2008 and 84 percent for the five-year average. Sheep rated 89 percent in the good to excellent condition, compared to 90 percent last year and 87 percent for the five-year average. Range and pasture rated 65 percent in good to excellent condition, compared to 62 percent last year and 44 percent for the five-year average.

Feed and Water Supplies Comparison as of October 25, 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	0	0	6	1	1	14
Short	3	2	12	7	10	19
Adequate	85	88	75	83	77	61
Surplus	12	10	7	9	12	6

Soil Moisture Condition Comparison as of October 25, 2009

Rating	Topsoil			Subsoil		
	This Week	Last Year	Last Year	This Week	Last Year	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	3	2	1	5	4	3
Short	6	9	7	15	20	14
Adequate	78	77	70	73	69	68
Surplus	13	12	22	7	7	15

Crop and Livestock Conditions as of October 25, 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	1	5	32	50	12
Corn	1	3	16	57	23
Soybeans	1	3	25	54	17
Sorghum	0	3	19	62	16
Sunflower	0	2	23	59	16
Alfalfa	0	2	19	64	15
Cattle	0	1	11	66	22
Sheep	0	1	10	63	26
Range & Pasture	2	7	26	52	13

Crop Progress as of October 25, 2009 ¹

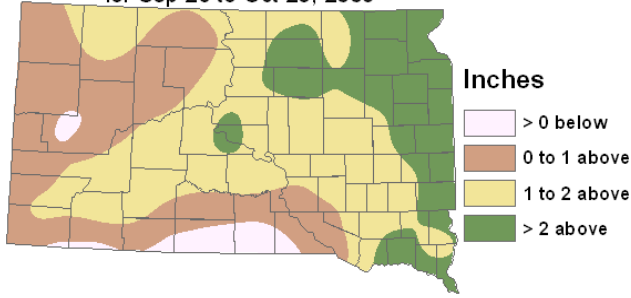
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	93	89	96	99
Emerged	80	71	80	85
Corn				
Mature	96	91	94	98
Grain Harvested	9	6	16	38
Silage Harvested	93	89	100	100
Soybeans				
Harvested	40	30	82	88
Sorghum				
Mature	94	89	91	98
Grain Harvested	26	24	24	63
Silage Harvested	95	91	100	99
Sunflower				
Mature	93	86	85	92
Harvested	10	3	15	38

¹ Percents represent all acreage in or beyond each stage.

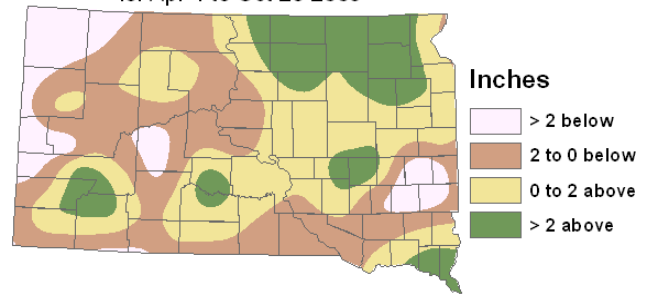
Average Soil Temperatures Week Ending October 25, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	44	Nisland	44
Beresford	46	Oacoma	48
Bowdle	43	Parkston	47
Brookings	44	Pierre	45
Caputa	45	Redfield	45
Cottonwood	44	South Shore	43

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Sep 26 to Oct 25, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Oct 25, 2009



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 25, 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	42	-2	58	31	0.34	2.98	12.24	1.75	-1.58
Buffalo	41	0	58	27	0.20	1.69	9.18	0.45	-4.80
Dupree	42	-2	67	23	0.09	1.87	15.83	0.55	1.13
McIntosh	39	-5	56	27	0.38	2.35	13.04	1.16	-0.67
Newell	45	0	80	33	0.25	1.52	12.62	0.35	0.06
Timber Lake	40	-3	64	24	0.22	2.25	14.90	0.89	-0.10
North Central									
Aberdeen	41	-2	54	25	0.62	3.55	19.07	2.17	2.53
Faulkton	41	-3	58	25	0.96	3.93	18.34	2.55	2.11
Mobridge	40	-5	56	24	0.25	2.62	14.31	1.33	0.33
Roscoe	40	-1	73	22	0.57	3.76	20.74	2.50	4.17
Northeast									
Britton	40	-3	52	28	0.90	4.28	23.19	2.92	6.11
Clear Lake	40	-2	64	29	0.72	5.66	21.30	3.99	0.97
Sisseton	41	-3	59	28	1.07	5.69	18.64	4.19	1.37
Watertown	40	-2	53	27	0.77	4.75	20.02	3.14	2.04
Webster	39	-3	52	25	0.87	4.88	22.83	3.47	4.80
West Central									
Faith	41	-4	61	28	0.20	1.76	14.72	0.45	0.47
Milesville	43	-3	63	26	0.98	2.82	14.07	1.38	-2.05
Philip	41	-4	62	27	1.08	2.77	11.57	1.68	-2.40
Rapid City	44	-1	78	33	0.32	2.19	14.64	1.05	1.11
Spearfish	43	-1	77	26	1.03	2.48	14.22	0.75	-2.71
Central									
Chamberlain	43	-2	59	31	0.40	2.35	18.10	0.88	0.03
Highmore	39	-5	56	23	0.49	2.87	19.06	1.38	1.58
Huron	42	-2	57	30	0.40	2.94	17.66	1.60	1.02
Onida	42	-2	73	25	1.10	3.49	14.07	2.18	-1.50
Pierre	41	-4	58	27	1.02	3.58	15.09	2.19	-1.11
East Central									
Brookings	40	-2	62	26	0.64	4.69	19.21	3.21	-0.01
Forestburg	43	-3	59	29	0.36	3.17	21.63	1.73	4.01
Madison	41	-2	59	26	1.05	4.09	16.42	2.48	-3.75
Mitchell	44	-1	58	34	0.34	2.79	17.59	1.49	-0.50
Sioux Falls	42	-2	60	29	1.28	4.45	17.79	2.86	-1.85
Southwest									
Custer	36	-6	49	20	0.32	1.95	15.50	0.72	-1.17
Hot Springs	44	-1	77	27	0.67	2.52	15.99	1.45	1.46
Oelrichs	45	0	79	29	0.41	1.71	14.16	0.63	0.09
Porcupine	43	0	82	23	1.16	2.71	16.19	1.51	1.75
South Central									
Kennebec	43	-3	73	23	0.41	2.98	16.65	1.74	1.12
Mission	41	-4	79	25	0.32	1.65	17.41	0.31	0.70
Murdo	44	-2	77	29	0.62	2.97	18.33	1.61	2.75
Winner	42	-6	61	29	0.27	1.80	18.77	0.19	-0.26
Southeast									
Armour	44	-4	59	33	0.51	2.84	18.29	1.39	-0.39
Centerville	42	-4	63	27	1.72	3.68	22.08	2.18	2.07
Pickstown	45	-2	71	31	0.61	2.37	17.56	0.91	-1.42
Vermillion	44	-5	65	27	1.66	4.39	23.36	2.78	3.01
Yankton	46	-1	66	36	2.60	4.54	22.31	3.02	2.04

DATA AND MAPS SOURCE: State Climate Office of South Dakota