

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

More dry conditions were welcomed by producers throughout the week that helped row crops continue to dry. Harvest saw advancements in all the row crops, as there were 5.7 days suitable for fieldwork in the past week. Several reports noted that the soybean harvest in their area is wrapping up except for ground that is too wet for harvesters to access. Some of the major farm activities included row crop harvest, weaning calves, and moving livestock to 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

The El Nino in the Pacific continues to strengthen and influence conditions in the state bringing, another mild week to help harvest progress. A couple of weak storm systems passed over the state late in the week bringing a little more precipitation, though amounts were fairly light. More than half the stations listed did report precipitation. The most reported was 0.21 inch at Porcupine and Aberdeen, while many stations reported no precipitation.

Mild temperatures again helped drydown of crops and fields somewhat to allow harvesting progress. Average temperatures were in the upper 30s in the Black Hills and northwest part of the state, reaching the mid 40s in the southeast part of the state. All stations were fairly warm for mid-November ranging from about 5 – 13° F above average. The high temperature for the week was 73° F at Porcupine; the low temperature was 15° F at Dupree.

SOIL CONDITION

Topsoil was rated at 94 percent in the adequate to surplus range last week, compared to 96 percent last year and 75 percent for the five-year average. Subsoil was rated at 80 percent in the adequate to surplus range, compared to 89 percent last year and 66 percent for the five-year average. Soil temperatures at the 4 inch-depth for all stations were in the low to mid 40s F for the week. Aberdeen was the coolest at 40° F; Parkston was the warmest at 46° F.

FIELD CROPS REPORT

With continuation of favorable weather, the soybean harvest advanced 17 percentage points last week. Ninety-three percent of the soybean crop has been harvested, compared to 100 percent last year and for the five-year average. Twenty-seven percent of corn has been harvested, compared to 58 percent last year and 82 percent for the five-year average. Ninety-five percent of the winter wheat seeded has emerged, compared to 99 percent last year and for the five-year average. Fifty-nine percent of the sunflower crop has been harvested, compared to 60 percent in 2008 and 82 percent for the five-year average. Seventy-nine percent of the sorghum for grain has been harvested, compared 71 percent last year and 91 percent for the five-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep were rated 88 percent in the good to excellent condition, compared to 87 percent last year. Cattle were rated 88 percent in the good to excellent condition, compared to 84 percent in 2008. Feed supplies are in good shape with 96 percent rated in the adequate to surplus range. Stock water supplies are also in good shape with 92 percent rated in the adequate to surplus range.

Feed and Water Supplies Comparison as of November 15, 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	0	2	1	0
Short	3	3	0	6	8	0
Adequate	85	84	0	82	79	0
Surplus	11	12	0	10	11	0

Soil Moisture Condition Comparison as of November 15, 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	1	1	1	3	3	1
Short	5	5	2	17	15	10
Adequate	81	79	73	73	71	71
Surplus	13	15	23	7	11	18

Crop and Livestock Conditions as of November 15, 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	2	23	66	9
Corn	1	6	26	46	21
Sunflower	1	2	26	53	18
Cattle	0	0	12	72	16
Sheep	0	0	12	69	19

Crop Progress as of November 15, 2009 ¹

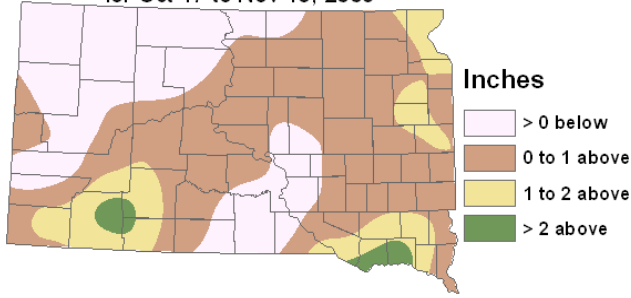
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Emerged	95	92	99	99
Corn				
Grain Harvested	27	18	58	82
Soybeans				
Harvested	93	76	100	100
Sorghum				
Grain Harvested	79	67	71	91
Sunflower				
Harvested	59	24	60	82

¹ Percents represent all acreage in or beyond each stage.

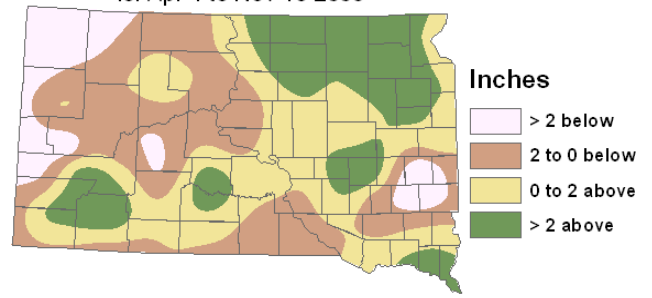
Average Soil Temperatures Week Ending November 15, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	40	Nisland	43
Beresford	45	Oacoma	45
Bowdle	41	Parkston	46
Brookings	43	Pierre	44
Caputa	41	Redfield	44
Cottonwood	41	South Shore	42

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Oct 17 to Nov 15, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Nov 15, 2009



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 15, 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	38	6	60	17	0.06	3.34	12.60	1.51	-1.82
Buffalo	37	6	57	22	0.01	1.88	9.37	0.02	-5.23
Dupree	38	6	59	15	0.00	2.29	16.25	0.34	0.92
McIntosh	37	5	59	20	0.00	2.80	13.49	1.04	-0.79
Newell	39	5	62	22	0.00	1.96	13.06	0.18	-0.11
Timber Lake	37	6	58	17	0.00	2.70	15.35	0.65	-0.34
North Central									
Aberdeen	42	11	62	20	0.21	4.54	20.06	2.44	2.80
Faulkton	42	11	66	22	0.16	4.87	19.28	2.69	2.25
Mobridge	39	7	60	16	0.01	3.37	15.06	1.45	0.45
Roscoe	40	10	59	22	0.05	4.63	21.61	2.56	4.23
Northeast									
Britton	43	13	59	23	0.00	5.15	24.06	3.05	6.24
Clear Lake	42	12	61	23	0.11	7.36	23.00	4.55	1.53
Sisseton	45	13	61	28	0.17	7.44	20.39	4.95	2.13
Watertown	41	11	59	21	0.17	6.54	21.81	4.05	2.95
Webster	43	13	58	27	0.00	5.39	23.34	3.18	4.51
West Central									
Faith	40	6	61	23	0.00	2.18	15.14	0.23	0.25
Milesville	40	6	61	19	0.08	3.83	15.08	1.70	-1.73
Philip	41	8	62	17	0.11	3.66	12.46	1.95	-2.13
Rapid City	41	6	68	27	0.08	2.54	14.99	0.79	0.85
Spearfish	43	8	64	26	0.00	3.56	15.30	0.88	-2.58
Central									
Chamberlain	44	10	63	22	0.09	2.96	18.71	0.68	-0.17
Highmore	41	8	64	22	0.12	3.63	19.82	1.36	1.56
Huron	43	10	62	20	0.06	3.97	18.69	1.85	1.27
Onida	43	11	65	21	0.15	4.44	15.02	2.36	-1.32
Pierre	42	7	65	23	0.14	4.37	15.88	2.30	-1.00
East Central									
Brookings	42	11	62	19	0.02	6.43	20.95	4.04	0.82
Forestburg	43	9	60	18	0.13	5.03	23.49	2.60	4.88
Madison	42	10	61	18	0.00	5.10	17.43	2.43	-3.80
Mitchell	45	11	61	20	0.00	4.47	19.27	2.28	0.29
Sioux Falls	44	11	62	22	0.01	5.54	18.88	2.84	-1.87
Southwest									
Custer	36	2	59	17	0.10	2.31	15.86	0.47	-1.42
Hot Springs	41	6	69	18	0.12	3.81	17.28	2.20	2.21
Oelrichs	42	8	72	20	0.16	3.37	15.82	1.69	1.15
Porcupine	42	9	73	18	0.21	4.90	18.38	3.09	3.33
South Central									
Kennebec	43	8	66	18	0.04	3.69	17.36	1.81	1.19
Mission	42	7	69	22	0.15	2.44	18.20	0.46	0.85
Murdo	44	10	70	25	0.04	3.95	19.31	1.85	2.99
Winner	44	7	64	21	0.05	2.01	18.98	-0.48	-0.93
Southeast									
Armour	43	7	62	22	0.00	4.24	19.69	1.87	0.09
Centerville	43	8	60	20	0.00	4.69	23.09	2.14	2.03
Pickstown	45	9	64	27	0.00	4.50	19.69	2.14	-0.19
Vermillion	46	8	63	22	0.05	5.47	24.44	2.66	2.89
Yankton	45	9	61	26	0.03	5.93	23.70	3.36	2.38

DATA AND MAPS SOURCE: State Climate Office of South Dakota