

South Dakota Weekly Crop Weather Report

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For Week Ending October 23, 2011
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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Another week of mild weather with 6.8 days suitable for field work last week allowed harvest to continue in high gear. Recent rains helped reduce fire hazards in some counties, but more rain would be helpful to the winter wheat emerging. Major activities this week included; row crop harvest, winter wheat seeding, working ground that has been harvested, moving hay and putting cattle out to graze corn stalks.

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

WEATHER INFORMATION

Cooler temperatures overspread the state during the week as most of the state was below average temperature, according to the State Climate Office of South Dakota. The state also experienced its first temperatures in the teens F for lows. All stations had average temperatures in the 40's F. For most of the state these temperatures were 1-5° F below average. A few stations in the far west and southwest were at or slightly above average. Daily high temperatures still reached the 70°s F at a number of stations. Pickstown had the high for the week at 74° F. Several stations reached the teens; Kennebec had the lowest temperature at 16° F.

Precipitation was very limited with all stations being below 0.25 inches for the week. This left all stations in the state with below average totals for the week. Porcupine has the highest amount at 0.19 inch. Nineteen stations reported no precipitation for the week.

SOIL CONDITION

Topsoil moisture is rated at 52 percent adequate to surplus, 4 percentage points below last week, and 30 percentage points below the 5-year average. Subsoil moisture was rated at 58 percent adequate to surplus, just 1 percentage point below last week but 15 percentage points below the 5-year average. Soil temperatures at the 4 inch depth continued to fall with cooler air temperatures and reduced solar radiation. All locations in the state were within a few degrees of 50° F. Oacoma had the warmest temperature at 54° F; Bowdle was lowest at 46° F.

FIELD CROPS REPORT

Row crop harvest is nearly complete for some crops and producers are working ground in preparation for next year's crops. Ninety-seven percent of the soybean crop has been harvested, ahead of last year at 94 percent and ahead of the 5-year average of 76 percent. Sixty-seven percent of corn has been harvested, well ahead of the 5-year average of 33 percent. Fifty-six percent of sunflowers are now harvested, ahead of the 5-year average of 27 percent. Sorghum harvest is now at 85 percent complete, also ahead of the 5-year average of 55 percent. Winter wheat seeding is now 95 percent complete, just 2 percentage points behind last year and the 5-year average of 97 percent. Eighty-six percent of winter wheat has emerged, even with last year's progress and now 3 percentage points ahead of the 5-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Despite dry pastures, mild temperatures are contributing to livestock conditions remaining mostly in the good to excellent range. Cattle are rated 89 percent in good to excellent condition. Sheep are rated 91 percent in good to excellent condition. Range and pasture is reported at 59 percent in good to excellent condition, 2 percentage points ahead of last week and 7 percentage points ahead of the 5-year average. Stock water supplies are 93 percent adequate to surplus and feed supplies are 96 percent adequate to surplus, both ahead of the 5-year averages of 80 and 89 percent, respectively.

Feed and Water Supplies Comparison as of October 23, 2011

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	3	0	0	7
Short	4	2	8	7	4	12
Adequate	84	82	79	88	81	71
Surplus	12	16	10	5	15	9

Soil Moisture Condition Comparison as of October 23, 2011

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	5	6	6	5	8	4
Short	43	38	23	37	33	16
Adequate	52	55	67	56	54	69
Surplus	0	1	4	2	5	11

Crop and Livestock Conditions as of October 23, 2011

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	23	51	21
Sunflower	0	1	30	60	9
Alfalfa	0	3	21	70	6
Cattle	0	1	10	77	12
Sheep	0	1	8	73	18
Range & Pasture	1	7	33	51	8

Crop Progress as of October 23, 2011 ¹

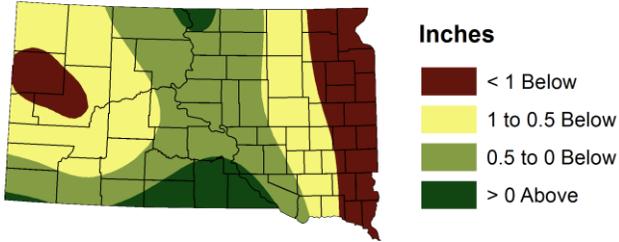
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	95	94	97	97
Emerging	86	72	86	83
Corn				
Grain Harvested	67	38	60	33
Soybeans				
Harvested	97	88	94	76
Sorghum				
Grain Harvested	85	63	89	55
Sunflower				
Mature	98	90	99	92
Harvested	56	35	46	27

¹ Percents represent all acreage in or beyond each stage.

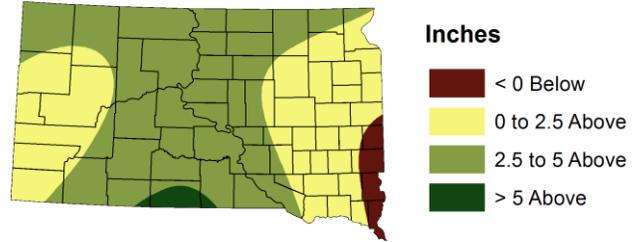
Average Soil Temperatures Week Ending October 23, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	47	Nisland	49
Beresford	49	Oacoma	54
Bowdle	46	Parkston	50
Brookings	48	Pierre	52
Caputa	48	Redfield	47
Cottonwood	50	South Shore	47

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 24 to October 23, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 23, 2011



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 23, 2011

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	44	-3	66	25	0.00	0.29	14.63	-0.86	0.81
Buffalo	45	0	68	26	0.04	0.54	16.29	-0.50	3.28
Dupree	45	-1	65	22	0.04	1.31	19.46	0.09	4.73
McIntosh	43	-3	68	20	0.00	0.61	12.30	-0.51	-1.56
Newell	45	-2	70	24	0.00	0.47	14.60	-0.89	0.38
Timber Lake	45	-1	68	22	0.00	0.87	18.44	-0.39	3.64
North Central									
Aberdeen	42	-4	67	20	0.00	0.80	19.58	-0.49	3.14
Faulkton	43	-3	66	21	0.00	0.74	18.03	-0.55	1.87
Mobridge	44	-3	69	24	0.00	2.35	15.91	1.16	2.78
Roscoe	42	-1	63	24	0.01	0.73	18.95	-0.43	2.93
Northeast									
Britton	41	-7	65	29	0.00	0.96	23.21	-0.32	6.22
Clear Lake	41	-3	64	24	0.00	0.92	18.22	-0.63	-0.66
Sisseton	43	-4	65	22	0.00	1.00	23.00	-0.27	6.04
Watertown	40	-4	63	19	0.00	0.23	14.54	-1.26	-3.25
Webster	43	-2	62	25	0.00	0.58	15.32	-0.74	-2.87
West Central									
Faith	46	-2	69	22	0.01	0.45	15.26	-0.71	1.47
Milesville	47	-1	69	22	0.02	0.43	16.88	-0.91	1.03
Philip	47	0	71	20	0.02	0.26	14.32	-0.75	0.47
Rapid City	47	0	65	25	0.13	1.36	15.78	0.30	2.38
Spearfish	46	1	69	29	0.00	0.39	14.96	-1.20	-0.76
Central									
Chamberlain	46	-2	71	22	0.01	2.26	18.96	0.88	2.25
Highmore	42	-5	67	22	0.15	0.94	14.26	-0.44	-1.84
Huron	43	-4	70	20	0.15	1.42	17.59	0.17	1.10
Onida	43	-3	66	23	0.02	4.89	21.08	3.68	5.59
Pierre	46	-3	68	19	0.03	1.32	21.52	0.02	5.47
Wessing. Spr.	44	-5	67	24	0.02	1.02	18.37	-0.40	0.61
East Central									
Brookings	41	-4	65	22	0.00	0.52	18.46	-0.86	-0.66
Madison	42	-3	66	23	0.03	0.67	20.55	-0.82	0.30
Mitchell	43	-4	71	25	0.00	1.24	17.51	0.02	0.34
Sioux Falls	43	-4	67	24	0.00	0.63	20.76	-0.85	1.33
Southwest									
Custer	43	-1	63	26	0.09	0.35	17.89	-0.80	1.36
Hot Springs	47	1	69	26	0.11	1.09	15.14	0.10	0.59
Oelrichs	47	0	69	26	0.00	0.93	13.76	-0.07	-0.23
Porcupine	45	-1	70	22	0.19	1.41	17.18	0.30	3.44
South Central									
Kennebec	46	-3	70	16	0.00	1.45	18.31	0.30	2.87
Mission	46	-1	69	23	0.18	1.12	23.69	-0.12	7.10
Murdo	47	0	69	24	0.02	1.02	26.22	-0.24	10.74
Winner	47	-4	70	23	0.14	2.70	23.50	1.21	4.63
Southeast									
Academy	44	-3	70	20	0.04	0.72	23.01	-0.70	4.41
Centerville	43	-5	70	21	0.00	0.61	18.16	-0.80	-1.93
Pickstown	45	-4	74	26	0.06	0.98	16.25	-0.38	-2.63
Vermillion	46	-5	71	24	0.08	0.96	19.05	-0.53	-1.19
Yankton	45	-4	70	26	0.08	1.88	23.80	0.48	3.74

DATA AND MAPS SOURCE: State Climate Office of South Dakota