

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 November 6, 2011
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AGRICULTURAL SUMMARY

Another week of warm fall weather with 6.8 days suitable for field work last week allowed producers to maintain their pace of harvesting. Row crop harvest is nearing completion. Seeding of winter wheat is also finished, but could use some moisture for germination and putting on growth for next spring. Major activities this week included; row crop harvest, fall tillage, baling corn stalks, hauling hay, bringing cattle home from pastures, and moving cattle to corn stubble.

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

WEATHER INFORMATION

A large storm system crossed the state during the weekend bringing windy conditions statewide increasing the fire danger, as well as bringing some precipitation to the southwestern part of the state. Overall the state was quite dry again for the week, according to the State Climate Office of South Dakota. Precipitation totals in the southwest were closer to average for the week with totals exceeding a third of an inch in several cases. Mission had the peak total for the week at 0.54 inches. Many locations were quite dry again with a total of fifteen stations receiving no precipitation.

Statewide temperatures were above average except for a few stations in the west. Many locations particularly across the north were 4-6° F above average. Average temperatures were around 40° to the low 40° s. Philip had the high temperature of the week at 76° F. Newell had the low temperature at 11° F.

SOIL CONDITION

Topsoil moisture is rated at 45 percent adequate to surplus, 1 percentage points below last week, and 37 percentage points below the 5-year average. Subsoil moisture was rated at 52 percent adequate to surplus, 4 percentage points below last week and 22 percentage points below the 5-year average. Soil temperatures, at the 4 inch depth, cooled by about 2° F statewide. All locations in the state were below 50° F. Oacoma had the warmest temperature at 47° F; Nisland had the coldest at 41° F.

FIELD CROPS REPORT

Row crop harvest for the 2011 crop year is nearly complete. Ninety-five percent of corn has been harvested, 10 percentage points ahead of last week and still well ahead of the 5-year average of 61 percent. Ninety-three percent of sunflowers are now harvested, ahead of the 5-year average of 60 percent. Sorghum harvest is also estimated at 93 percent complete, 5 percentage points behind last year, but 15 percentage points ahead of the 5-year average. Ninety-seven percent of winter wheat has emerged, 3 percentage points ahead of the 5-year average. Winter wheat condition is rated at 57 percent in the good to excellent range, 9 percentage points behind the 5-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Mild fall weather has allowed livestock conditions to remain mostly in the good to excellent range for most of the season despite dry pastures. Cattle are rated 89 percent in good to excellent condition. Sheep are rated 90 percent in good to excellent condition. Range and pasture is reported at 50 percent in good to excellent condition, just 2 percentage points behind last week and 11 percentage points behind last year. Stock water supplies are 89 percent adequate to surplus and feed supplies are unchanged at 94 percent adequate to surplus, both ahead of the 5-year averages of 80 and 88 percent, respectively.

Feed and Water Supplies Comparison as of November 6, 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	1	0	3	1	0	8
Short	5	2	9	10	5	12
Adequate	80	82	77	84	80	70
Surplus	14	16	11	5	15	10

Soil Moisture Condition Comparison as of November 6, 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	11	9	3	7	7	6
Short	44	45	21	41	37	17
Adequate	44	45	70	50	53	65
Surplus	1	1	6	2	3	12

Crop and Livestock Conditions as of November 6, 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	1	3	39	46	11
Alfalfa	0	4	22	66	8
Cattle	0	1	10	77	12
Sheep	0	1	9	71	19
Range & Pasture	2	12	36	42	8

Crop Progress as of November 6, 2011 ¹

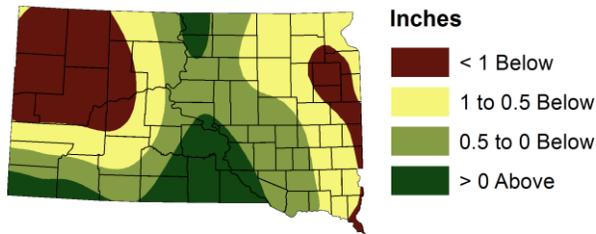
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Emerged	97	91	95	94
Corn				
Grain Harvested	95	85	91	61
Sorghum				
Grain Harvested	93	88	98	78
Sunflower				
Harvested	93	87	79	60

¹ Percents represent all acreage in or beyond each stage.

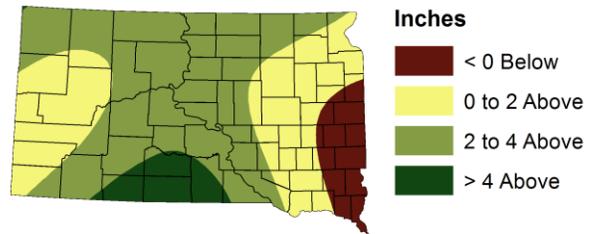
Average Soil Temperatures Week Ending November 6, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	42	Nisland	41
Beresford	45	Oacoma	47
Bowdle	43	Parkston	45
Brookings	44	Pierre	45
Caputa	42	Redfield	42
Cottonwood	43	South Shore	42

PAST 30 DAYS
Accumulated Precip Deviation from Average
From October 8 to November 6, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to November 6, 2011



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 6, 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	39	1	70	19	0.01	0.30	14.64	-1.36	0.31
Buffalo	40	3	70	17	0.00	0.57	16.32	-0.96	2.82
Dupree	43	6	70	20	0.00	1.31	19.46	-0.45	4.19
McIntosh	39	2	71	15	0.00	0.68	12.37	-0.93	-1.98
Newell	39	-1	73	11	0.03	0.52	14.65	-1.45	-0.18
Timber Lake	42	5	69	18	0.00	0.94	18.51	-0.90	3.13
North Central									
Aberdeen	41	4	63	14	0.00	0.80	19.58	-1.08	2.55
Faulkton	42	5	69	22	0.15	0.89	18.18	-1.03	1.39
Mobridge	43	4	64	22	0.01	2.39	15.95	0.64	2.26
Roscoe	41	6	65	26	0.02	0.76	18.98	-1.03	2.33
Northeast									
Britton	42	5	64	20	0.00	0.96	23.21	-0.90	5.64
Clear Lake	40	4	59	21	0.02	0.96	18.26	-1.40	-1.43
Sisseton	44	6	62	24	0.05	1.07	23.07	-0.95	5.36
Watertown	39	3	60	16	0.00	0.25	14.56	-1.95	-3.94
Webster	42	6	61	26	0.00	0.58	15.32	-1.37	-3.50
West Central									
Faith	42	2	73	17	0.01	0.50	15.31	-1.22	0.96
Milesville	44	4	74	17	0.00	0.43	16.88	-1.49	0.45
Philip	43	4	76	16	0.00	0.27	14.33	-1.24	-0.02
Rapid City	41	1	71	13	0.03	1.41	15.83	-0.15	1.93
Spearfish	44	5	69	20	0.02	0.51	15.08	-1.85	-1.41
Central									
Chamberlain	44	4	72	21	0.07	2.33	19.03	0.31	1.68
Highmore	42	4	66	17	0.00	0.95	14.27	-1.10	-2.50
Huron	41	3	66	17	0.01	1.44	17.61	-0.41	0.52
Onida	43	5	68	15	0.00	4.89	21.08	3.07	4.98
Pierre	44	3	71	15	0.00	1.32	21.52	-0.55	4.90
Wessington Spr.	40	0	66	19	0.07	1.09	18.44	-1.00	0.01
East Central									
Brookings	40	3	60	16	0.00	0.52	18.46	-1.52	-1.32
Madison	40	3	60	16	0.02	0.70	20.58	-1.53	-0.41
Mitchell	43	4	60	23	0.00	1.24	17.51	-0.59	-0.27
Sioux Falls	42	3	61	19	0.04	0.67	20.80	-1.60	0.58
Southwest									
Custer	37	-1	62	16	0.20	0.56	18.10	-1.15	1.01
Hot Springs	42	3	69	20	0.18	1.28	15.33	-0.15	0.34
Oelrichs	39	0	70	19	0.18	1.11	13.94	-0.55	-0.71
Porcupine	41	3	70	20	0.35	1.76	17.53	-0.12	3.02
South Central									
Kennebec	45	5	74	15	0.30	1.75	18.61	0.08	2.65
Mission	42	3	74	20	0.54	1.66	24.23	-0.11	7.11
Murdo	43	4	74	20	0.04	1.06	26.26	-0.80	10.18
Winner	46	3	74	25	0.16	2.86	23.66	0.68	4.10
Southeast									
Academy	42	4	70	18	0.10	0.82	23.11	-1.25	3.86
Centerville	42	1	64	15	0.10	0.71	18.26	-1.41	-2.54
Pickstown	44	3	75	22	0.12	1.10	16.37	-0.91	-3.16
Vermillion	45	2	65	17	0.03	0.99	19.08	-1.34	-2.00
Yankton	42	1	67	22	0.15	2.03	23.95	-0.12	3.14

DATA AND MAPS SOURCE: State Climate Office of South Dakota