

South Dakota Weekly Crop Weather Report

Released: October 31, 2011 -- 3:00 p.m. CST
For Week Ending October 30, 2011
SD-CW6044 Volume 60 Issue 44



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SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Another week of dry conditions with 6.8 days suitable for field work last week allowed harvest to continue uninterrupted. With much of the row crop harvest completed, farmers and ranchers are busy preparing for winter and next years crops. Major activities this week included; row crop harvest, working ground that has been harvested, maintenance of drainage systems, moving hay to winter storage, working and weaning calves, and moving cattle to corn stubble.

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

WEATHER INFORMATION

Conditions statewide continue to help speed the completion of harvest, according to the State Climate Office of South Dakota. Statewide temperatures hovered around seasonal averages for the week while precipitation was very limited again. Any precipitation was at most less than 0.25 inches leaving conditions quite dry across the state.

Statewide temperatures were once again within a few degrees of average across most of the state. Average temperatures were in the low to mid 40's F statewide. The coldest temperatures compared to average were 1-4 ° F below average from the far southwest to northwest. Warmest temperatures (1 -3° F above average) were from central to southeast parts of the state. The high temperature for the week was at Vermillion with 79° F; the low was at the Rapid City Airport with 16° F. Several other stations across the state fell into the teens during the week.

Precipitation once again was very limited with all stations being well below 0.25 inches for the 2nd week in a row. Spearfish had the highest amount at 0.10 inch. A total of 25 stations reported no precipitation for the week. Precipitation deviations from average during the fall are becoming significant statewide. While conducive to rapid harvest, the low totals have soils quite dry at this time.

SOIL CONDITION

Topsoil moisture is rated at 46 percent adequate to surplus, 6 percentage points below last week, and 37 percentage points below the 5-year average. Subsoil moisture was rated at 56 percent adequate to surplus, just 2 percentage points below last week, but 19 percentage points below the 5-year average. Soil temperatures, at the 4 inch depth, moved slightly cooler again. All locations in the state were below 50° F. Oacoma had the warmest temperature at 49° F; six locations statewide had the coldest at 44° F.

FIELD CROPS REPORT

With the soybean harvest for this season complete in most areas, producers are busy finishing up other row crop harvest and preparing for next year's crops. Eighty-five percent of corn has been harvested, still well ahead of the 5-year average of 47 percent. Eighty-seven percent of sunflowers are now harvested, ahead of the 5-year average of 43 percent. Sorghum harvest is now estimated at 88 percent complete, 21 percentage points ahead of the 5-year average of 67 percent. Progress of winter wheat seeding is on schedule despite dry conditions and is now 99 percent complete, just 1 percentage point behind last year and 1 percentage point ahead of the 5-year average. Ninety-one percent of winter wheat has emerged, even with last year's progress and 1 percentage point ahead of the 5-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock conditions changed very little in the last week despite range and pasture conditions dropping due to lack of moisture. Cattle are rated 88 percent in good to excellent condition. Sheep are rated 91 percent in good to excellent condition. Range and pasture is reported at 52 percent in good to excellent condition, 7 percentage points behind last week and 12 percentage points behind last year. Stock water supplies are 91 percent adequate to surplus and feed supplies are 94 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 30, 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	1	0	8
Short	6	2	8	8	5	12
Adequate	81	86	79	86	83	71
Surplus	13	12	10	5	12	9

Soil Moisture Condition Comparison as of October 30, 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	9	5	3	7	5	5
Short	45	43	18	37	37	15
Adequate	45	52	70	53	56	67
Surplus	1	0	9	3	2	13

Crop and Livestock Conditions as of October 30, 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	5	43	47	4
Alfalfa	0	4	19	73	4
Cattle	0	1	11	76	12
Sheep	0	1	8	74	17
Range & Pasture	2	13	33	44	8

Crop Progress as of October 30, 2011 ¹

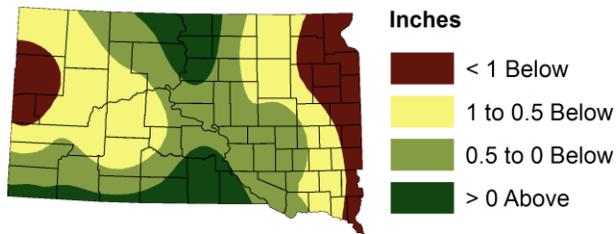
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Emerged	91	86	91	90
Corn				
Grain Harvested	85	67	79	47
Sorghum				
Grain Harvested	88	85	94	67
Sunflower				
Harvested	87	56	62	43

¹ Percents represent all acreage in or beyond each stage.

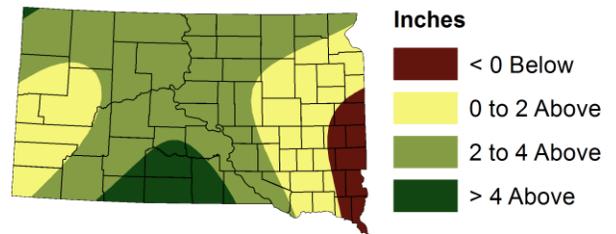
Average Soil Temperatures Week Ending October 30, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	44	Nisland	44
Beresford	47	Oacoma	49
Bowdle	44	Parkston	48
Brookings	45	Pierre	48
Caputa	44	Redfield	45
Cottonwood	44	South Shore	44

PAST 30 DAYS
Accumulated Precip Deviation from Average
From October 1 to October 30, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 30, 2011



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 30, 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	41	-2	64	24	0.00	0.29	14.63	-1.15	0.52
Buffalo	42	1	64	21	0.03	0.57	16.32	-0.75	3.03
Dupree	44	2	64	23	0.00	1.31	19.46	-0.22	4.42
McIntosh	41	-1	64	22	0.07	0.68	12.37	-0.72	-1.77
Newell	41	-3	66	18	0.02	0.49	14.62	-1.22	0.05
Timber Lake	42	0	59	22	0.07	0.94	18.51	-0.65	3.38
North Central									
Aberdeen	40	-1	63	18	0.00	0.80	19.58	-0.81	2.82
Faulkton	43	1	65	21	0.00	0.74	18.03	-0.90	1.52
Mobridge	44	1	65	21	0.03	2.38	15.94	0.87	2.49
Roscoe	42	2	61	26	0.01	0.74	18.96	-0.77	2.59
Northeast									
Britton	41	-1	59	22	0.00	0.96	23.21	-0.62	5.92
Clear Lake	42	1	62	22	0.02	0.94	18.24	-1.03	-1.06
Sisseton	44	1	59	26	0.02	1.02	23.02	-0.65	5.66
Watertown	41	1	62	20	0.02	0.25	14.56	-1.63	-3.62
Webster	42	1	57	27	0.00	0.58	15.32	-1.09	-3.22
West Central									
Faith	45	1	69	23	0.04	0.49	15.30	-0.99	1.19
Milesville	43	-1	62	19	0.00	0.43	16.88	-1.24	0.70
Philip	44	0	72	19	0.01	0.27	14.33	-1.02	0.20
Rapid City	42	-1	65	16	0.02	1.38	15.80	0.04	2.12
Spearfish	43	0	63	25	0.10	0.49	15.06	-1.54	-1.10
Central									
Chamberlain	47	3	70	25	0.00	2.26	18.96	0.53	1.90
Highmore	42	-1	64	21	0.01	0.95	14.27	-0.80	-2.20
Huron	44	2	68	22	0.01	1.43	17.60	-0.14	0.79
Onida	44	2	66	24	0.00	4.89	21.08	3.35	5.26
Pierre	46	1	68	25	0.00	1.32	21.52	-0.30	5.15
Wessington Spr.	44	0	66	25	0.00	1.02	18.37	-0.75	0.26
East Central									
Brookings	41	0	65	18	0.00	0.52	18.46	-1.21	-1.01
Madison	43	2	65	18	0.01	0.68	20.56	-1.20	-0.08
Mitchell	47	3	67	28	0.00	1.24	17.51	-0.27	0.05
Sioux Falls	45	2	71	20	0.00	0.63	20.76	-1.27	0.91
Southwest									
Custer	37	-4	61	18	0.01	0.36	17.90	-1.08	1.08
Hot Springs	42	-1	66	22	0.01	1.10	15.15	-0.13	0.36
Oelrichs	42	-1	70	19	0.00	0.93	13.76	-0.34	-0.50
Porcupine	43	1	69	19	0.00	1.41	17.18	0.02	3.16
South Central									
Kennebec	44	-1	66	19	0.00	1.45	18.31	0.01	2.58
Mission	43	-1	68	24	0.00	1.12	23.69	-0.42	6.80
Murdo	45	1	69	25	0.00	1.02	26.22	-0.58	10.40
Winner	46	-1	71	23	0.00	2.70	23.50	0.84	4.26
Southeast									
Academy	45	2	69	24	0.00	0.72	23.01	-1.05	4.06
Centerville	45	1	72	20	0.00	0.61	18.16	-1.16	-2.29
Pickstown	49	3	74	29	0.00	0.98	16.25	-0.73	-2.98
Vermillion	49	2	79	24	0.00	0.96	19.05	-0.95	-1.61
Yankton	46	1	72	24	0.00	1.88	23.80	0.08	3.34