

South Dakota Weekly Crop Weather Report

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National Agricultural Statistics Service
South Dakota Field Office
P.O. Box 5068
Sioux Falls, SD 57117-5068
Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

With 5.9 days suitable for field work last week, harvest progress is at or beyond the 5-year average. Scattered rain brought much needed moisture for winter wheat emergence without slowing down harvest of row crops. Major activities this week included; row crop harvest, winter wheat seeding, working cattle and weaning calves.

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

WEATHER INFORMATION

Temperatures stayed warm over most of the eastern ¾ of the state during the week, according to the State Climate Office of South Dakota. Warmest temperatures were in the eastern third where the average temperatures in the mid to upper 50's F were 4-8° F above average. In the far west average temperatures were in the upper 40's F, about 1-2° F below average. The high temperature for the week was at Oelrichs with 81° F. The low temperature was 29° F at Hot Springs, Oelrichs and Porcupine.

More precipitation occurred over much of the state with six stations receiving over an inch. Conversely, 22 stations reported less than 0.25 inch. The high for the week was 1.60 inches at Chamberlain. The low was shared by Academy and Hot Springs with no reported precipitation. Precipitation over the last two weeks has reduced some dryness issues in the central part of the state. But most areas east of the James River are covered by D0 (Abnormally Dry) or D1 (Moderate Drought) categories on the US Drought Monitor.

SOIL CONDITION

With cooler temperatures and some rainfall during the week, soil temperatures fell significantly statewide. All 4 inch temperatures were in the 50's F. Warmest temperatures were still in the central to south central with Pierre and Oacoma at 57° F. Bowdle and Nisland were on the low end with temperatures at 51° F.

FIELD CROPS REPORT

Harvest of row crops is well under way with progress for most crops well beyond the 5-year average. Eighty-eight percent of the soybean crop has been harvested, ahead of last year at 82 percent and ahead of the 5-year average of 64 percent. Thirty-eight percent of corn has been harvested, ahead of the 5-year average of 22 percent. Thirty-five percent of sunflowers are now harvested, ahead of the 5-year average of 17 percent. Sorghum harvest is now at 63 percent complete, also ahead of the 5-year average of 47 percent. Progress of winter wheat seeding is now equal with last year and the 5-year average of 94 percent. Much needed moisture has helped emergence of winter wheat. Seventy-two percent of winter wheat has emerged, just 3 percentage points behind last year and now even with the 5-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock conditions changed very little from last week and remain mostly in the good to excellent range. Cattle are rated 88 percent in good to excellent condition. Sheep are rated 90 percent in good to excellent condition. Range and pasture is reported at 57 percent in good to excellent condition, 5 percentage points behind last week, but still 4 percentage points ahead of the 5-year average. Stock water supplies are 92 percent adequate to surplus and feed supplies are 98 percent adequate to surplus, both ahead of the 5-year averages of 78 and 88 percent, respectively.

Feed and Water Supplies Comparison as of October 16, 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	2	3	9	7	4	13
Adequate	83	81	78	83	79	69
Surplus	15	16	10	9	17	9

Soil Moisture Condition Comparison as of October 16, 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	6	14	6	8	11	6
Short	38	41	22	33	38	15
Adequate	55	44	66	54	46	66
Surplus	1	1	7	5	5	13

Crop and Livestock Conditions as of October 16, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	5	24	53	17
Sunflower	1	3	31	55	10
Alfalfa	3	2	17	70	8
Cattle	0	1	11	74	14
Sheep	0	0	10	71	19
Range & Pasture	2	8	33	50	7

Crop Progress as of October 16, 2011 ¹

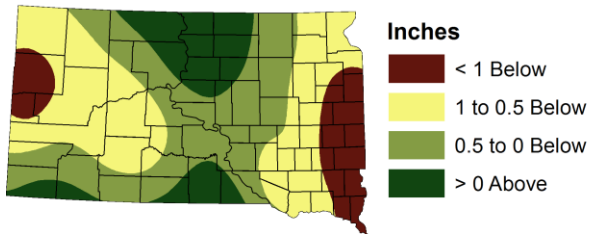
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	94	80	94	94
Emerged	72	46	75	72
Corn				
Grain Harvested	38	18	32	22
Soybeans				
Harvested	88	73	82	64
Sorghum				
Mature	96	85	99	92
Grain Harvested	63	40	80	47
Sunflower				
Mature	90	86	93	83
Harvested	35	6	29	17

¹ Percents represent all acreage in or beyond each stage.

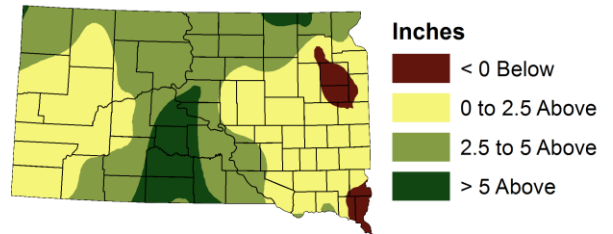
Average Soil Temperatures Week Ending October 16, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	52	Nisland	51
Beresford	56	Oacoma	57
Bowdle	51	Parkston	55
Brookings	54	Pierre	57
Caputa	51	Redfield	54
Cottonwood	52	South Shore	53

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 17 to October 16, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 16, 2011



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 16, 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	48	-2	70	32	0.05	0.29	14.63	-0.51	1.16
Buffalo	49	1	71	32	0.10	0.50	16.25	-0.22	3.56
Dupree	51	2	69	34	0.12	1.27	19.42	0.40	5.04
McIntosh	49	-1	67	36	0.26	0.61	12.30	-0.19	-1.24
Newell	49	-2	72	33	0.12	0.47	14.60	-0.47	0.80
Timber Lake	50	1	67	30	0.16	0.87	18.44	-0.02	4.01
North Central									
Aberdeen	53	4	75	32	0.76	0.80	19.58	-0.14	3.49
Faulkton	52	2	77	33	0.62	0.74	18.03	-0.19	2.23
Mobridge	52	1	69	34	1.35	2.35	15.91	1.51	3.13
Roscoe	52	4	70	35	0.62	0.72	18.94	-0.09	3.27
Northeast									
Britton	54	4	76	31	0.94	0.96	23.21	0.03	6.57
Clear Lake	54	6	74	33	0.15	0.92	18.22	-0.20	-0.23
Sisseton	56	6	77	38	0.81	1.00	23.00	0.15	6.46
Watertown	55	8	74	32	0.18	0.23	14.54	-0.84	-2.83
Webster	54	6	74	36	0.50	0.58	15.32	-0.38	-2.51
West Central									
Faith	52	1	70	35	0.02	0.44	15.25	-0.37	1.81
Milesville	53	2	71	38	0.10	0.41	16.86	-0.53	1.41
Philip	51	1	72	30	0.10	0.24	14.30	-0.48	0.74
Rapid City	50	0	72	31	0.03	1.23	15.65	0.50	2.58
Spearfish	49	-1	67	36	0.04	0.39	14.96	-0.71	-0.27
Central									
Chamberlain	56	4	76	36	1.60	2.25	18.95	1.28	2.65
Highmore	52	1	72	32	0.67	0.79	14.11	-0.17	-1.57
Huron	56	6	74	34	1.15	1.27	17.44	0.37	1.30
Onida	53	2	73	36	1.44	4.87	21.06	4.01	5.92
Pierre	54	2	74	39	1.07	1.29	21.49	0.34	5.79
Wessing. Spr.	55	3	73	34	0.58	1.00	18.35	-0.02	0.99
East Central									
Brookings	55	7	76	35	0.22	0.52	18.46	-0.50	-0.30
Madison	55	6	74	33	0.15	0.64	20.52	-0.43	0.69
Mitchell	59	8	75	38	0.11	1.24	17.51	0.37	0.69
Sioux Falls	59	8	78	34	0.15	0.63	20.76	-0.43	1.75
Southwest									
Custer	45	-2	69	30	0.12	0.26	17.80	-0.54	1.62
Hot Springs	53	3	78	29	0.00	0.98	15.03	0.27	0.76
Oelrichs	50	-1	81	29	0.03	0.93	13.76	0.21	0.05
Porcupine	50	1	78	29	0.05	1.22	16.99	0.43	3.57
South Central									
Kennebec	54	1	75	32	0.35	1.45	18.31	0.65	3.22
Mission	51	1	73	33	0.49	0.94	23.51	0.05	7.27
Murdo	53	2	70	39	0.74	1.00	26.20	0.11	11.09
Winner	56	1	76	37	1.30	2.56	23.36	1.49	4.91
Southeast									
Academy	55	4	75	35	0.00	0.68	22.97	-0.35	4.76
Centerville	58	6	77	33	0.25	0.61	18.16	-0.38	-1.51
Pickstown	59	6	78	42	0.42	0.92	16.19	-0.08	-2.33
Vermillion	59	5	77	35	0.31	0.88	18.97	-0.19	-0.85
Yankton	59	7	76	35	0.66	1.80	23.72	0.82	4.08

DATA AND MAPS SOURCE: State Climate Office of South Dakota