

South Dakota Weekly Crop Weather Report

Released: October 11, 2011 -- 3:00 p.m. CST
For Week Ending October 9, 2011
SD-CW6041 Volume 60 Issue 41



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 5.8 days suitable for field work last week, harvest of soybeans is near complete; while corn harvest is starting to intensify in many areas. Around the state, areas are dealing with field and grass fires, in which some crops have been destroyed. Major activities this week included; row crop harvest, winter wheat seeding, harvesting of silage, moving hay and controlling fires.

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

WEATHER INFORMATION

Early week winds and warm temperatures, while providing excellent drying conditions for crops, also produced very serious fire conditions across the state, according to the State Climate Office of South Dakota. Warm temperatures, low relative humidities and strong southerly winds dominated weather for much of the week. Numerous fires burned in grass and crop areas and several combines were lost due to fires from the excessively dry conditions.

The warm conditions were astounding for this time of year. Average temperatures were in the 60's to low 70's F in the southeast. Except for a few western stations these values were 11-17 ° F above average. For many stations this was record warmth for that seven day period. Many locations reached daily highs in the 90's F. Pickstown had the high temperature at 97° F; Custer had the low at 33° F.

A late week storm system helped to bring some precipitation across the state. Rainfalls were widespread, but not always heavy. Thirteen stations received less than a quarter of an inch of precipitation. Britton had the low at 0.02 of an inch. Onida had the high at 3.43 inches.

SOIL CONDITION

Soil temperatures responded to the warm temperatures and dry conditions by actually warming several degrees at some locations. Most stations were around 60° F except for stations in the south central, which were in the mid – upper 60's F.

Topsoil moisture is rated at just 45 percent adequate to surplus, up 8 percentage points from last week, and 36 percentage points below last year. Subsoil moisture was rated at 51 percent adequate to surplus, 6 percentage points below last week, and 30 percentage points below the previous year.

FIELD CROPS REPORT

Harvest of corn and soybeans was a common sight in many areas this last week, with soybeans nearing completion. Soybeans harvested at 73 percent, compared to 60 percent last year and 47 percent on average. Ninety-six percent of the corn is now rated mature, with 18 percent harvested, ahead of the 5-year average of 14 percent harvested. Sunflower in the mature stage is estimated at 86 percent, ahead of the 5-year average of 66 percent. Sorghum is 40 percent harvested, behind last year at 47 percent harvested. Seeding of winter wheat needs some moisture with 80 percent complete, making seeding 5 percentage points behind last year. Only 46 percent of winter wheat has emerged, 13 percentage points behind last year and 11 percentage points behind the 5-year average.

Average Soil Temperatures Week Ending October 9, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	61	Nisland	59
Beresford	60	Oacoma	67
Bowdle	57	Parkston	66
Brookings	62	Pierre	68
Caputa	57	Redfield	59
Cottonwood	62	South Shore	58

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle in some areas are still showing signs of respiratory problems due to dry, dusty conditions, but overall cattle are still rated mostly in the good to excellent range. Cattle are rated 88 percent in good to excellent condition. Sheep are rated 88 percent in good to excellent condition. Range and pasture is reported at 62 percent in good to excellent condition, 4 percentage points up from last week. Stock water supplies are 92 percent adequate to surplus and feed supplies are 95 percent adequate to surplus, both ahead of the 5-year averages of 77 and 88 percent, respectively.

Feed and Water Supplies Comparison as of October 9, 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	8
Short	5	3	9	8	5	15
Adequate	82	82	78	81	78	69
Surplus	13	15	10	11	17	8

Soil Moisture Condition Comparison as of October 9, 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	14	12	4	11	6	6
Short	41	51	15	38	37	13
Adequate	44	36	69	46	52	64
Surplus	1	1	12	5	5	17

Crop and Livestock Conditions as of October 9, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	4	25	52	17
Soybeans	2	6	28	50	14
Sorghum	0	9	26	55	10
Sunflower	0	2	32	55	11
Alfalfa	3	4	19	64	10
Cattle	0	1	11	75	13
Sheep	0	1	11	69	19
Range & Pasture	1	8	29	50	12

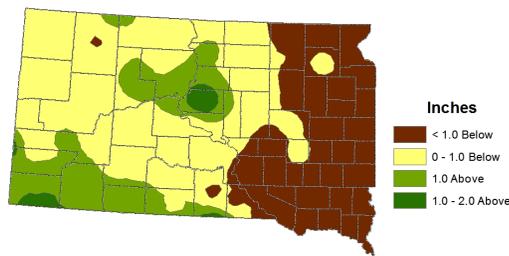
Crop Progress as of October 9, 2011 ¹

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	80	72	85	87
Emerged	46	26	59	57
Corn				
Mature	96	79	93	88
Grain Harvested	18	8	16	14
Soybeans				
Mature	99	78	95	91
Harvested	73	30	60	47
Sorghum				
Mature	85	56	95	87
Grain Harvested	40	9	47	31
Silage Harvested	98	90	99	94
Sunflower				
Mature	86	48	78	66
Harvested	6	3	12	8
Alfalfa				
3rd Cutting	96	93	94	92

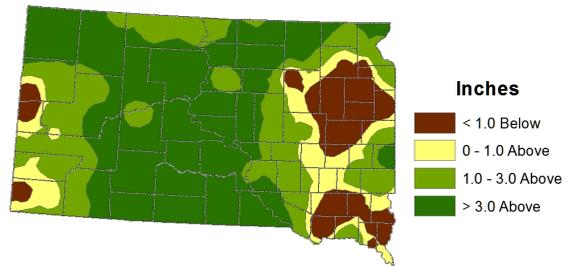
¹ Percents represent all acreage in or beyond each stage.

ADDRESS SERVICE REQUESTED

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 10 to October 9, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 9, 2011



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 9, 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>	<i>Inches</i>	
Northwest										
Bison	61	8	89	42	0.24	0.24	14.58	-0.21	1.46	
Buffalo	63	12	94	43	0.40	0.40	16.15	0.03	3.81	
Dupree	66	13	89	45	1.15	1.15	19.30	0.70	5.34	
McIntosh	63	11	90	45	0.35	0.35	12.04	-0.10	-1.15	
Newell	63	10	92	42	0.35	0.35	14.48	-0.17	1.10	
Timber Lake	62	10	90	44	0.71	0.71	18.28	0.24	4.27	
North Central										
Aberdeen	68	16	86	48	0.04	0.04	18.82	-0.50	3.13	
Faulkton	65	11	87	41	0.12	0.12	17.41	-0.39	2.03	
Mobridge	68	14	91	50	1.00	1.00	14.56	0.55	2.17	
Roscoe	64	13	84	45	0.10	0.10	18.32	-0.35	3.01	
Northeast										
Britton	70	17	87	52	0.02	0.02	22.27	-0.52	6.02	
Clear Lake	67	16	84	52	0.77	0.77	18.07	0.14	0.11	
Sisseton	66	13	87	47	0.19	0.19	22.19	-0.35	5.96	
Watertown	67	16	83	46	0.05	0.05	14.36	-0.55	-2.54	
Webster	67	16	83	51	0.08	0.08	14.82	-0.46	-2.59	
West Central										
Faith	65	13	92	47	0.42	0.42	15.23	0.01	2.19	
Milesville	66	11	94	43	0.31	0.31	16.76	-0.21	1.73	
Philip	66	12	96	42	0.14	0.14	14.20	-0.23	0.99	
Rapid City	63	10	96	40	1.20	1.20	15.62	0.82	2.90	
Spearfish	68	16	90	46	0.35	0.35	14.92	-0.26	0.18	
Central										
Chamberlain	69	14	95	48	0.65	0.65	17.35	0.10	1.47	
Highmore	66	12	88	44	0.12	0.12	13.44	-0.42	-1.82	
Huron	67	14	87	49	0.12	0.12	16.29	-0.42	0.51	
Onida	64	11	92	48	3.43	3.43	19.62	2.95	4.86	
Pierre	68	13	95	47	0.22	0.22	20.42	-0.31	5.14	
East Central										
Brookings	67	16	84	46	0.30	0.30	18.24	-0.30	-0.10	
Madison	67	15	85	47	0.49	0.49	20.37	-0.14	0.98	
Mitchell	69	15	90	52	1.13	1.13	17.40	0.61	0.93	
Sioux Falls	69	16	86	50	0.48	0.48	20.61	-0.15	2.03	
Southwest										
Custer	54	5	82	33	0.14	0.14	17.68	-0.31	1.85	
Hot Springs	60	7	90	41	0.98	0.98	15.03	0.55	1.04	
Oelrichs	62	8	92	40	0.90	0.90	13.73	0.48	0.32	
Porcupine	63	11	94	35	1.17	1.17	16.94	0.73	3.87	
South Central										
Kennebec	68	12	94	44	1.10	1.10	17.96	0.65	3.22	
Mission	65	11	91	40	0.45	0.45	23.02	-0.09	7.13	
Murdo	67	12	93	46	0.26	0.26	25.46	-0.21	10.77	
Winner	70	12	96	50	1.26	1.26	22.06	0.63	4.05	
Southeast										
Academy	67	13	94	48	0.68	0.68	22.97	0.07	5.18	
Centerville	68	13	90	47	0.36	0.36	17.91	-0.21	-1.34	
Pickstown	72	16	97	52	0.50	0.50	15.77	-0.08	-2.33	
Vermillion	71	13	91	45	0.57	0.57	18.66	-0.06	-0.72	
Yankton	70	14	90	46	1.14	1.14	23.06	0.58	3.84	