

South Dakota Weekly Crop Weather Report

Released: October 3, 2011 -- 3:00 p.m. CST
For Week Ending October 2, 2011
SD-CW6040 Volume 60 Issue 40



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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

With 6.9 days suitable for field work last week, harvest of soybeans is in full swing in many areas. Development and conditions of row crops was aided by warm, dry weather, even though soil moisture continues to drop. Winter wheat could use some rain to move emergence along. Range and pasture conditions dropped slightly last week, but livestock conditions continue to be mostly in the good to excellent range. Major activities this week included; row crop harvest, winter wheat seeding, harvesting of silage, and moving hay.

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

WEATHER INFORMATION

Another very warm and dry week produced an interesting set of circumstances in the state, according to the State Climate Office of South Dakota. While the conditions were excellent for dry-down of row crops, there were negative side impacts as several places in eastern South Dakota lost crops in fires because of the extremely dry conditions during harvesting.

Temperatures were warmer than average nearly statewide. Average temperatures were in the upper 50's to low 60's F. The western part of the state was most above average with many stations 7-10° F above average. Eastern areas were generally above average, but to a lesser extent. The far southeast was right at or slightly below average. Many stations had temperatures into the 90's F during the week with lows in the 30's F. Winner had the highest temperature at 95° F. Kennebec had the low at 29° F.

Once again no station received precipitation for the week. The continued dry conditions drew down the growing season totals where several stations in the east are below average for the growing season despite the wet conditions early in the season. Thirty day totals are well below average over most of the state.

SOIL CONDITION

Soil moisture conditions continue to drop with the lack of rain and topsoil moisture is now mostly in the very short to short range. Topsoil moisture is rated at just 37 percent adequate to surplus, 15 percentage points below last week, and 46 percentage points below last year. Subsoil moisture was rated at 57 percent adequate to surplus, 7 percentage points below last week, and 24 percentage points below the previous year.

FIELD CROPS REPORT

Harvest of corn and soybeans was a common sight in many areas last week. Soybeans harvested are at 30 percent, ahead of last years' 22 percent and the 5-year average of 19 percent. Seventy-nine percent of the corn is now at the mature stage, with 8 percent harvested, equal now to the 5-year average. Sunflowers in the mature stage are estimated at 48 percent, ahead of the 5-year average of 40 percent. Sorghum is rated at 56 percent mature, behind the 5-year average of 71 percent. Seeding of winter wheat continues to be slightly behind with 72 percent now complete, 2 percentage points behind last year. Twenty-six percent of winter wheat has emerged, 16 percentage points behind last year and 14 percentage points behind the 5-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle in some areas are beginning to show signs of respiratory problems due to dry, dusty conditions, but overall rated mostly in the good to excellent range. Cattle are rated 88 percent in good to excellent condition. Sheep are rated 89 percent in good to excellent condition. Range and pasture is reported at 58 percent in good to excellent condition, 2 percentage points behind last week, but still ahead of the 5-year average of 53 percent.

Feed and Water Supplies Comparison as of October 2, 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	1	4	0	0	8
Short	4	3	9	7	5	15
Adequate	82	80	77	84	75	68
Surplus	13	16	10	9	20	9

Soil Moisture Condition Comparison as of October 2, 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	12	8	5	6	6	6
Short	51	40	12	37	30	14
Adequate	36	50	63	52	58	58
Surplus	1	2	20	5	6	23

Crop and Livestock Conditions as of October 2, 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	8	24	51	15
Soybeans	3	10	27	49	11
Sorghum	0	6	24	59	11
Sunflower	2	4	25	58	11
Alfalfa	0	4	19	68	9
Cattle	0	1	11	76	12
Sheep	0	1	10	72	17
Range & Pasture	2	10	30	49	9

Crop Progress as of October 2, 2011 ¹

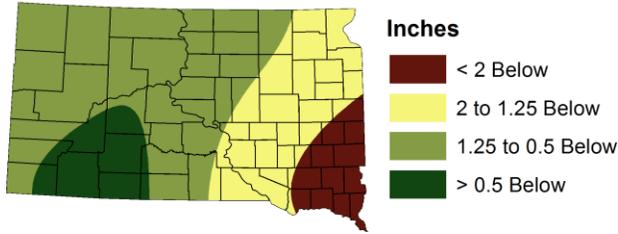
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	72	54	74	76
Emerged	26	13	42	40
Corn				
Mature	79	48	82	72
Grain Harvested	8	2	6	8
Silage Harvested	96	84	90	85
Soybeans				
Dropping Leaves	96	82	97	96
Mature	78	32	82	69
Harvested	30	2	22	19
Sorghum				
Mature	56	19	83	71
Grain Harvested	9	1	10	13
Silage Harvested	90	70	94	85
Sunflower				
Bracts Yellow	95	86	93	93
Mature	48	19	46	40
Harvested	3	0	1	2
Alfalfa				
3rd Cutting	93	89	89	88

¹ Percents represent all acreage in or beyond each stage.

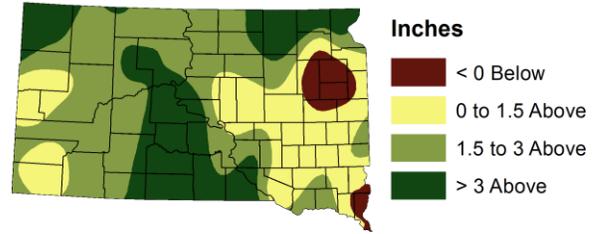
Average Soil Temperatures Week Ending October 2, 2011 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	57	Nisland	60
Beresford	56	Oacoma	67
Bowdle	54	Parkston	61
Brookings	57	Pierre	65
Caputa	56	Redfield	55
Cottonwood	62	South Shore	59

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 3 to October 2, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to October 2, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, October 2, 2011

District And Station	Temperatures Past Week				Precipitation					Growing Degree Days	
	Average	Departure From Normal	High	Low	Total			Departure From Normal		Total	Departure From Normal
					Current Week	Since Oct. 1	Since Apr. 1	Since Oct. 1	Since Apr. 1		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	62	6	90	40	0.00	0.00	14.34	-0.10	1.57	2,506	-62
Buffalo	64	10	93	39	0.00	0.00	15.75	-0.08	3.70	2,336	-66
Dupree	63	8	86	34	0.00	0.00	18.15	-0.10	4.54	2,579	-161
McIntosh	59	4	89	36	0.00	0.00	11.69	-0.10	-1.15	2,487	-127
Newell	63	7	92	41	0.00	0.00	14.13	-0.10	1.17	2,537	-35
Timber Lake	62	7	88	36	0.00	0.00	17.57	-0.10	3.93	2,612	-45
North Central											
Aberdeen	58	3	92	34	0.00	0.00	18.78	-0.12	3.51	2,666	-8
Faulkton	58	2	93	34	0.00	0.00	17.29	-0.10	2.32	2,576	-178
Mobridge	61	5	86	33	0.00	0.00	13.56	-0.10	1.52	2,558	-118
Roscoe	58	5	88	39	0.00	0.00	18.22	-0.10	3.26	2,426	17
Northeast											
Britton	58	2	85	31	0.00	0.00	22.25	-0.12	6.42	2,587	-190
Clear Lake	57	3	87	37	0.00	0.00	17.30	-0.14	-0.17	2,321	-306
Sisseton	60	5	86	35	0.00	0.00	22.00	-0.12	6.19	2,582	-138
Watertown	56	3	87	33	0.00	0.00	14.31	-0.12	-2.11	2,480	-100
Webster	59	5	85	39	0.00	0.00	14.74	-0.12	-2.25	2,459	-136
West Central											
Faith	63	6	89	37	0.00	0.00	14.81	-0.10	2.08	2,519	-216
Milesville	63	6	90	37	0.00	0.00	16.45	-0.10	1.84	2,741	-94
Philip	62	5	93	30	0.00	0.00	14.06	-0.08	1.14	2,657	-158
Rapid City	63	7	90	35	0.00	0.00	14.42	-0.08	2.00	2,508	-74
Spearfish	64	10	86	40	0.00	0.00	14.57	-0.12	0.32	2,463	-22
Central											
Chamberlain	61	3	95	36	0.00	0.00	16.70	-0.13	1.24	2,917	-33
Highmore	58	1	92	33	0.00	0.00	13.32	-0.12	-1.52	2,553	-278
Huron	58	2	93	34	0.00	0.00	16.17	-0.12	0.81	2,821	7
Onida	60	4	91	33	0.00	0.00	16.19	-0.10	1.81	2,669	-204
Pierre	61	3	93	33	0.00	0.00	20.20	-0.11	5.34	2,729	-204
Wessington Spr.	62	4	92	42	0.00	0.00	17.35	-0.14	0.87	2,829	-110
East Central											
Brookings	57	3	88	35	0.00	0.00	17.94	-0.14	0.06	2,493	38
Madison	57	3	87	34	0.00	0.00	19.88	-0.14	0.98	2,555	-120
Mitchell	63	6	93	40	0.00	0.00	16.27	-0.12	0.20	2,947	19
Sioux Falls	60	-1	89	35	0.00	0.00	20.13	-0.14	2.04	2,767	-82
Southwest											
Custer	59	7	82	31	0.00	0.00	17.54	-0.10	2.06	1,864	-128
Hot Springs	64	8	90	32	0.00	0.00	14.05	-0.09	0.40	2,720	-12
Oelrichs	63	7	93	33	0.00	0.00	12.83	-0.08	-0.24	2,662	-126
Porcupine	62	7	93	33	0.00	0.00	15.77	-0.10	3.04	2,656	-134
South Central											
Kennebec	64	5	93	29	0.00	0.00	16.86	-0.10	2.47	2,905	-190
Mission	60	4	91	31	0.00	0.00	22.57	-0.12	7.10	2,656	-26
Murdo	65	7	92	40	0.00	0.00	25.20	-0.10	10.88	2,753	-114
Winner	64	3	95	36	0.00	0.00	20.80	-0.14	3.28	2,935	-208
Southeast											
Academy	58	1	93	35	0.00	0.00	22.29	-0.14	4.97	2,705	-206
Centerville	57	-1	89	32	0.00	0.00	17.55	-0.14	-1.27	2,830	-16
Pickstown	62	3	93	39	0.00	0.00	15.27	-0.14	-2.39	3,077	28
Vermillion	60	0	89	35	0.00	0.00	18.09	-0.14	-0.80	3,152	-121
Yankton	58	0	89	38	0.00	0.00	21.92	-0.14	3.12	2,976	-28

DATA AND MAP SOURCE: State Climate Office of South Dakota