

South Dakota Weekly Crop Weather Report

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U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Harvest of small grains is making progress, as most small grains are at least 50 percent harvested. Parts of South Dakota welcomed warm and dry weather, while others received unwanted precipitation. There were 5.4 days suitable for fieldwork last week. Major farm activities included continuing harvest of small grains, general care of livestock, and checking on progress of row crops.

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

WEATHER INFORMATION

Warm conditions overspread most of the state during the week, according to the State Climate Office of South Dakota. Along with the temperatures, very high dew points produced uncomfortable conditions for people and livestock. Statewide temperatures were generally above average by 2-7° F except for a few stations in the northwest, which were slightly below average. Academy and Winner had the highest temperatures of the week at 98° F; Custer had the lowest at 48° F. The humid conditions kept low temperatures in the 60s in many locations.

Some heavier rainfalls occurred in more isolated places. A few stations received over an inch. Spearfish received the most at 2.06 inches. Three locations (Brookings, Vermillion and Webster) reported no precipitation through Sunday morning.

Growing degree days continue to run near to above average in most of the main crop areas. Most of the far eastern part ranged from 5-10 days ahead of average accumulation. Only small pockets in the far west are below average accumulation.

SOIL CONDITION

Topsoil moisture was rated 84 percent adequate to surplus for last week, 9 percentage points above the previous year and 33 percentage points above the five-year average. Subsoil moisture was 86 percent adequate to surplus, 17 percentage points above the previous year and 35 percentage points above the five-year average.

FIELD CROPS REPORT

Winter wheat harvest is coming to a conclusion with 96 percent of the harvest complete, ahead of last year when 75 percent was harvested, and slightly ahead of the five-year average of 92 percent. Spring wheat harvest made progress last week with 54 percent complete, slightly behind the five-year average of 62 percent. Rows crops are developing nicely as 85 percent of corn is silked, 30 percentage points above the previous year and 5 percentage points above the five-year average. Thirty-two percent of the corn is at or beyond the dough stage and 2 percent is in the dent stage. Soybeans are 91 percent blooming, 2 points behind the five-year average at 93 percent. Sixty-three percent of the soybeans have set pods, equal to the five-year average.

Soil Moisture Condition Comparison as of August 8, 2010

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	1	0	2	1	0	5
Short	15	11	23	13	10	26
Adequate	69	62	71	67	62	66
Surplus	15	27	4	19	28	3

LIVESTOCK, PASTURE, AND RANGE REPORT

Pastures are rated 83 percent in good to excellent condition, 33 percentage points above the five-year average. Cattle are rated 90 percent in good to excellent condition, while sheep are rated 86 percent in good to excellent condition. Feed supplies remain in good shape and are rated at 96 percent adequate to surplus, up 15 points from the five-year average.

Feed and Water Supplies Comparison as of August 8, 2010

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	6	0	0	12
Short	4	2	14	3	6	19
Adequate	79	89	72	76	87	63
Surplus	17	9	8	21	7	6

Crop and Livestock Conditions as of August 8, 2010

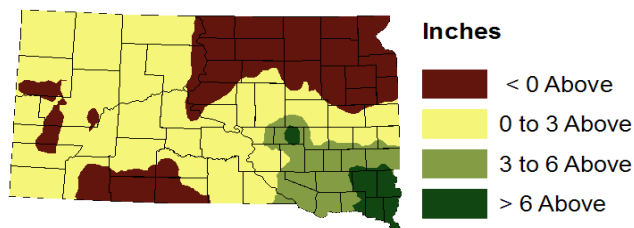
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring Wheat	1	5	17	53	24
Barley	0	4	19	58	19
Oats	0	4	14	61	21
Corn	2	7	16	50	25
Soybeans	3	6	18	55	18
Sorghum	0	0	9	71	20
Sunflower	0	2	21	61	16
Alfalfa	1	5	25	54	15
Cattle	0	0	10	70	20
Sheep	0	0	14	58	28
Range & Pasture	0	3	14	59	24

Crop Progress as of August 8, 2010 ¹

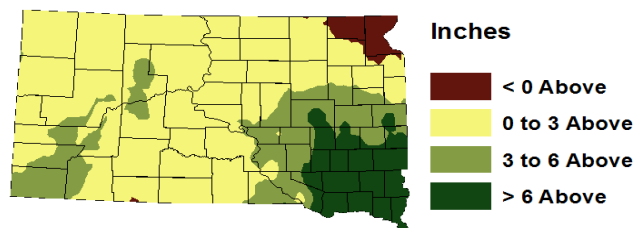
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Harvested	96	85	75	92
Barley				
Ripe	80	60	53	83
Harvested	44	22	27	52
Oats				
Ripe	92	75	76	90
Harvested	66	41	44	72
Spring Wheat				
Ripe	93	75	77	90
Harvested	54	31	39	62
Corn				
2nd cult./spray	91	90	94	99
Tasseled	99	91	88	95
Silked	85	68	55	80
Dough	32	9	4	19
Dent	2	0	0	3
Soybeans				
Blooming	91	81	88	93
Setting Pods	63	36	57	63
Sorghum				
Headed	70	45	44	67
Coloring	8	1	10	12
Sunflower				
Blooming	33	14	34	44
Alfalfa				
2nd Cutting	83	71	79	85
3rd Cutting	16	7	12	17
Other Hay				
Cut	92	89	85	90

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From July 10 to August 8, 2010



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to August 8, 2010



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 8, 2010

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	71	-2	91	55	0.74	18.56	12.63	3.08	2.15	1,655	-67
Buffalo	72	1	91	55	0.36	13.47	10.33	0.32	0.94	1,488	-74
Dupree	74	0	93	54	0.40	22.76	18.09	7.31	7.10	1,741	-9
McIntosh	71	-2	91	52	0.30	15.16	9.00	1.12	-1.12	1,730	-18
Newell	73	-1	96	56	1.08	14.97	11.00	0.95	1.07	1,510	-215
Timber Lake	73	0	90	55	0.46	17.05	11.37	1.04	0.32	1,743	-2
North Central											
Aberdeen	76	3	94	54	0.66	25.50	17.03	8.51	5.10	1,897	127
Faulkton	76	3	96	57	0.25	20.87	10.61	4.34	-0.46	1,824	41
Mobridge	74	0	94	53	0.16	16.55	9.63	0.94	2.04	1,798	-4
Roscoe	75	3	95	56	0.02	20.64	11.13	3.72	-0.84	1,777	134
Northeast											
Britton	75	3	92	52	0.49	19.20	9.31	1.95	-2.98	1,859	108
Clear Lake	74	3	89	57	0.16	29.79	14.35	9.75	1.29	1,804	178
Sisseton	75	3	92	58	1.17	26.16	11.95	7.90	-0.72	1,906	159
Watertown	76	6	91	56	0.02	22.64	12.06	4.82	-0.19	1,789	213
Webster	75	3	89	57	0.00	23.36	12.73	5.36	0.17	1,861	195
West Central											
Faith	75	0	94	56	0.83	16.35	12.26	0.67	1.29	1,730	-119
Milesville	76	1	95	56	0.56	23.98	15.21	7.02	3.56	1,830	-58
Philip	78	2	96	58	0.37	17.96	11.95	3.18	1.39	1,855	-20
Rapid City	75	2	94	58	1.18	19.81	16.35	5.36	6.15	1,557	-74
Spearfish	72	-1	97	50	2.06	19.98	12.46	0.99	-0.07	1,676	30
Central											
Chamberlain	78	3	95	62	0.76	25.73	17.53	6.86	4.41	2,018	173
Highmore	75	1	95	59	0.31	19.61	11.38	3.22	-0.12	1,747	-44
Huron	78	4	92	61	0.22	29.42	20.32	11.76	8.26	2,042	168
Onida	75	1	95	57	0.48	20.93	13.10	4.02	1.77	1,840	52
Pierre	78	7	96	59	0.54	23.05	14.36	5.97	2.35	1,897	-50
East Central											
Brookings	75	4	88	58	0.00	30.16	20.41	12.05	7.37	1,835	89
Forestburg	78	3	91	64	0.28	31.44	21.30	12.73	8.59	2,100	101
Madison	74	3	88	60	0.85	27.32	18.00	7.12	4.39	1,838	187
Mitchell	78	4	94	64	0.04	32.80	22.70	13.77	9.74	2,154	225
Sioux Falls	76	3	87	61	1.76	34.34	23.06	14.48	9.84	1,995	130
Southwest											
Custer	66	-1	84	48	0.77	16.05	12.50	-1.10	0.10	1,078	-150
Hot Springs	73	1	92	55	0.85	25.33	19.54	10.57	8.65	1,668	-102
Oelrichs	76	1	96	55	0.44	20.73	14.59	5.97	4.09	1,689	-109
Porcupine	74	0	96	49	0.69	21.48	11.72	6.38	0.90	1,650	-19
South Central											
Kennebec	77	0	94	60	0.48	24.88	17.27	9.12	5.83	2,074	14
Mission	76	2	96	59	0.28	20.36	13.00	3.19	0.53	1,861	80
Murdo	79	4	96	60	1.45	22.54	13.98	5.13	2.12	1,946	87
Winner	80	3	98	63	0.47	19.24	12.02	-2.16	-2.98	1,973	-104
Southeast											
Academy	77	3	98	59	0.19	21.42	14.24	2.20	0.88	1,944	102
Centerville	75	2	89	61	0.74	23.31	13.94	2.76	7.07	1,992	33
Pickstown	75	-1	91	61	0.87	21.67	13.43	2.28	-0.11	1,950	-34
Vermillion	76	0	89	62	0.00	32.94	22.96	12.03	8.67	2,300	112
Yankton	77	2	93	62	0.16	35.66	23.18	14.86	8.72	2,131	138

DATA AND MAP SOURCE: State Climate Office of South Dakota