

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service
South Dakota Field Office
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Cooperating with:

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

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For Week Ending August 29, 2010
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AGRICULTURAL SUMMARY

Continued lack of precipitation along with hot and windy weather has caused concern over crop and pasture conditions, however this weather provided a good week for haying. There were 6.6 days suitable for fieldwork last week. Farm activities focused on the general care of livestock, preparing for winter wheat seeding and the silage harvest, cutting hay in some areas, and finishing small grain harvest.

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

WEATHER INFORMATION

Warm and dry conditions affected the state again last week, according to the State Climate Office of South Dakota. Due to less humid conditions, temperatures were also much more variable as certain stations had temperature ranges (lowest to highest) of 60° F for the week. Most of the western 2/3 of the state reached 100° F. Philip had the highest temperature at 110° F. Custer had the lowest temperature at 39° F. All stations were above average for the week, generally ranging from 3-6° F.

Climatologically we expect less precipitation at this time in the year. But conditions were still very dry compared to average. Vermillion reported the largest total for the week at 0.73 inch. This was the only station above average. Seventeen stations reported no precipitation. Another 16 reported less than 0.1 inch.

This dry week was the continuation of a dry pattern across the state. The last 30 days have been particularly dry in an area centered on Spink County, where precipitation has been less than 25% of average. Several larger areas are less than 50% of average over the same time.

SOIL CONDITION

Conditions are continuing to dry out, which left topsoil moisture rated at 58 percent adequate to surplus for last week, 4 percentage points below the five-year average. Subsoil moisture was 67 percent adequate to surplus, 8 percentage point below the previous week and 13 percentage points above the five-year average.

FIELD CROPS REPORT

Ninety percent of corn is at or beyond dough stage, 26 percentage points above the previous year and 8 percentage points above the five-year average. Fifty-three percent is at the dent stage, above the 5 year-average of 42 percent. Corn is estimated at 2 percent mature, 1 percentage point behind the five-year average. Harvesting of corn silage began last week, and is 7 percent complete compared to 2 percent last year. Seventeen percent of soybeans are dropping leaves, 5 points ahead of the five-year average of 12 percent. Sunflowers advanced 19 percentage points in the ray flowers dry stage, now estimated at 35 percent. Sorghum is 63 percent coloring, a 23 percentage point jump from last week. Producers have planted 4 percent of the winter wheat, which is equal to the previous year.

LIVESTOCK, PASTURE, AND RANGE REPORT

Another week with little to no precipitation continues to dry pastures out. Pastures are rated 66 percent in good to excellent condition, 15 percentage points above the five-year average. Cattle are rated 88 percent in good to excellent condition, while sheep are rated 85 percent in good to excellent condition. Feed supplies remain in good shape and are rated at 97 percent adequate to surplus, up 14 points from the five-year average.

Feed and Water Supplies Comparison as of August 29, 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	5	1	1	11
Short	3	2	12	7	8	18
Adequate	78	84	74	71	81	65
Surplus	19	14	9	21	10	6

Soil Moisture Condition Comparison as of August 29, 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	12	6	3	8	2	7
Short	30	27	19	25	23	25
Adequate	54	60	75	55	61	65
Surplus	4	7	3	12	14	3

Crop and Livestock Conditions as of August 29, 2010

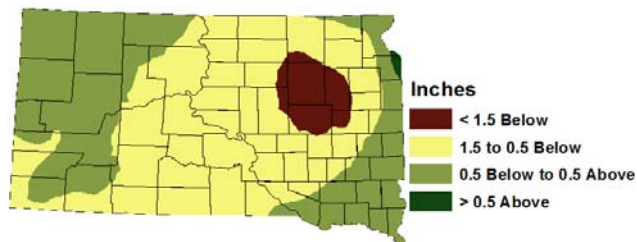
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	7	17	56	18
Soybeans	2	9	19	52	18
Sorghum	0	3	17	68	12
Sunflower	1	6	29	52	12
Alfalfa	2	8	27	56	7
Cattle	0	0	12	68	20
Sheep	0	0	15	53	32
Range & Pasture	2	8	24	53	13

Crop Progress as of August 29, 2010 ¹

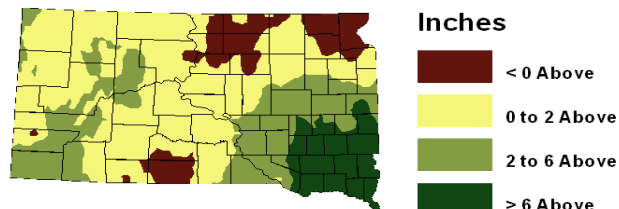
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	4	3	4	5
Barley				
Harvested	95	90	85	95
Spring Wheat				
Harvested	95	94	89	97
Corn				
Dough	90	84	64	82
Dent	53	32	10	42
Mature	2	0	1	3
Silage Harvested	7	0	2	14
Soybeans				
Dropping Leaves	17	3	10	12
Sorghum				
Coloring	63	40	31	52
Mature	1	0	2	3
Silage Harvested	2	0	0	17
Sunflower				
Blooming	98	93	93	97
Ray Flowers Dry	35	16	30	38
Bracts Yellow	9	0	5	16
Alfalfa				
2nd Cutting	95	93	93	97
3rd Cutting	49	43	44	51

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From July 31 to August 29, 2010



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to August 29, 2010



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 29, 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	72	3	98	50	0.00	19.43	13.50	3.00	2.07	2,105	-60
Buffalo	70	3	98	44	0.00	13.99	10.85	-0.20	0.42	1,898	-63
Dupree	74	4	103	49	0.00	23.08	18.41	6.55	6.34	2,205	16
McIntosh	70	1	104	43	0.00	16.05	9.89	0.95	-1.29	2,187	4
Newell	71	1	105	46	0.03	15.10	11.13	0.23	0.35	1,967	-202
Timber Lake	74	5	102	46	0.00	17.63	11.95	0.39	-0.33	2,199	18
North Central											
Aberdeen	71	3	96	47	0.06	25.77	17.30	7.15	3.74	2,350	151
Faulkton	70	1	100	46	0.00	21.12	10.86	2.77	-2.03	2,284	65
Mobridge	74	4	106	44	0.01	17.04	10.12	0.08	1.18	2,252	-6
Roscoe	71	4	102	47	0.00	21.37	11.86	2.84	-1.72	2,208	169
Northeast											
Britton	73	5	97	43	0.03	20.16	10.27	1.42	-3.51	2,302	127
Clear Lake	69	2	89	50	0.42	31.55	16.11	9.41	0.95	2,253	236
Sisseton	72	5	93	48	0.06	26.33	12.12	6.33	-2.29	2,355	189
Watertown	71	5	90	48	0.13	24.57	13.99	4.77	-0.24	2,241	292
Webster	71	4	88	51	0.12	23.75	13.12	3.73	-1.46	2,328	258
West Central											
Faith	74	3	105	50	0.00	16.58	12.49	0.00	0.62	2,206	-108
Milesville	75	4	108	48	0.00	24.08	15.31	5.86	2.40	2,316	-37
Philip	76	5	110	47	0.01	18.00	11.99	2.09	0.30	2,323	-6
Rapid City	72	3	102	46	0.02	19.90	16.44	4.38	5.17	1,986	-82
Spearfish	72	4	100	48	0.00	20.12	12.60	0.03	-1.03	2,132	59
Central											
Chamberlain	75	4	102	51	0.01	25.91	17.71	5.52	3.07	2,521	207
Highmore	73	4	100	46	0.00	19.69	11.46	1.83	-1.51	2,205	-29
Huron	73	3	93	48	0.03	29.59	20.49	10.57	7.07	2,539	218
Onida	75	6	106	44	0.02	21.51	13.68	3.20	0.95	2,286	57
Pierre	76	4	108	48	0.02	23.34	14.65	5.04	1.42	2,391	-38
East Central											
Brookings	69	3	88	48	0.22	33.24	23.49	13.09	8.41	2,294	262
Forestburg	73	2	89	51	0.00	31.62	21.48	11.49	7.35	2,620	152
Madison	70	3	89	49	0.26	29.72	20.40	7.33	4.60	2,271	228
Mitchell	73	3	92	51	0.00	35.05	24.95	14.30	10.27	2,694	307
Sioux Falls	72	3	91	51	0.57	37.33	26.05	15.37	10.73	2,487	191
Southwest											
Custer	67	4	93	39	0.05	16.26	12.71	-2.46	-1.26	1,434	-109
Hot Springs	72	5	100	43	0.07	27.07	21.28	11.17	9.25	2,098	-80
Oelrichs	74	4	105	44	0.30	21.03	14.89	5.16	3.28	2,120	-116
Porcupine	75	6	104	40	0.00	22.01	12.25	5.92	0.44	2,100	-98
South Central											
Kennebec	76	4	101	43	0.00	25.38	17.77	8.30	5.01	2,562	19
Mission	73	4	99	44	0.00	20.69	13.33	2.31	-0.35	2,324	94
Murdo	78	8	104	55	0.02	22.82	14.26	4.38	1.37	2,469	138
Winner	77	4	101	51	0.00	20.70	13.48	-2.07	-2.89	2,506	-62
Southeast											
Academy	75	6	101	48	0.02	21.79	14.61	1.13	-0.19	2,418	133
Centerville	71	2	91	63	0.37	25.22	15.85	2.78	7.09	2,452	47
Pickstown	74	4	95	50	0.04	23.15	14.91	2.17	-0.22	2,340	-130
Vermillion	73	1	91	51	0.73	35.25	25.27	12.46	9.10	2,818	139
Yankton	73	3	93	50	0.35	38.40	25.92	15.63	9.49	2,631	172

DATA AND MAP SOURCE: State Climate Office of South Dakota