

South Dakota Weekly Crop Weather Report



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

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For Week Ending August 19, 2012
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AGRICULTURAL SUMMARY

Precipitation was scattered last week, as cooler temperatures brought minimal relief to row crops. There were 6.6 days suitable for field work this past week. Major activities last week included haying CRP acres, hauling water for livestock, caring for livestock and cutting silage.

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

WEATHER INFORMATION

The temperature transition from very warm conditions has continued with statewide temperatures being much below average for the week, according to the State Climate Office of South Dakota. Several low temperature records were tied or set at stations around the state. Precipitation was limited across the state. Thus, changes in the state's drought status were minimal.

Temperatures for the week averaged in the low 60's statewide except for Winner's 70° F. These temperatures were very cool compared to average for mid-August. Averages were 3 – 9° F below the 30 year averages. The highest daily temperature was 97° F at Oelrichs. The lowest reported was 37° F at Centerville. Several other stations dropped into the 30's for lows. Many daily high temperatures did not get out of the 60's during the week.

Precipitation was also limited with no stations reporting over an inch. Many stations had no or very little precipitation. Sioux Falls had the highest total at 0.83 inches. Seven stations reported no precipitation. Another 16 had totals less than 0.10 inches. Thus, nearly the whole state was below average for the week continuing the summer dry trend.

Lower temperatures have helped on some stress issues. But limited water and feed for cattle are continuing impacts.

SOIL CONDITION

Topsoil moisture was rated at 51 percent very short, 30 percent short and 19 percent adequate; a slight improvement from the previous week's estimate of 13 percent adequate. Subsoil moisture was rated at 56 percent very short, 27 percent short and 17 percent adequate to surplus.

FIELD CROPS REPORT

Corn progressed this past week with 84 percent of the crop in the dough stage and 44 percent dented, steadily advancing from the 22 percent dented the previous week. Both stages are well ahead of the five year averages of 52 percent for the dough stage and 13 percent dented. Forty-eight percent of the corn crop has been cut for silage; ahead of both the previous year and five year averages of 2 percent. Soybeans setting pods were at 93 percent with 10 percent dropping leaves. Sorghum had 92 percent of the crop headed and 43 percent turning color, with 21 percent having been cut for silage. Sunflowers were 11 percent in the ray flowers dry stage with only 1 percent at the bracts yellow stage.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 71 percent in good to excellent range, 23 percent fair, and 6 percent poor to very poor. Sheep conditions were rated with 77 percent in good to excellent condition compared to last week's 79 percent. Stock water supplies were rated at 26 percent very short, 34 percent short and 40 percent adequate. Feed supplies improved with 13 percent very short, 38 percent short and 49 percent adequate to surplus; compared to 43 percent the previous week. Range and pasture conditions also improved slightly with 29 percent very poor, 36 percent poor, 26 percent fair and 9 percent good to excellent.

Feed and Water Supplies Comparison as of August 19, 2012

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	13	0	0	26	0	3
Short	38	2	5	34	4	8
Adequate	48	80	82	40	76	75
Surplus	1	18	13	0	20	14

Soil Moisture Condition Comparison as of August 19, 2012

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	51	51	1	56	53	1
Short	30	36	20	27	35	15
Adequate	19	13	70	16	11	71
Surplus	0	0	9	1	1	13

Crop and Livestock Conditions as of August 19, 2012

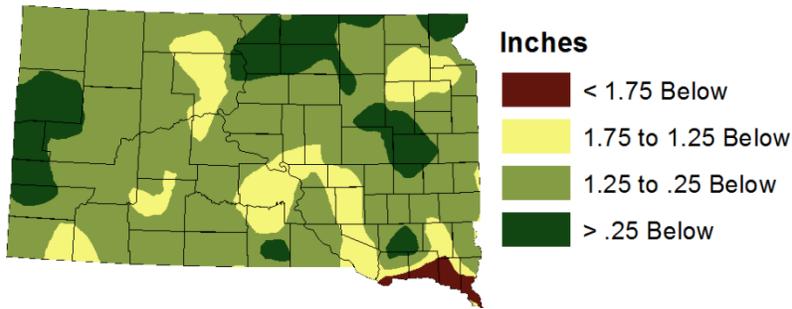
Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Corn	21	23	25	27	4
Soybeans	11	20	28	34	7
Sorghum	16	30	41	13	0
Sunflower	5	45	29	20	1
Alfalfa	27	45	20	8	0
Cattle	1	5	23	63	8
Sheep	0	4	19	64	13
Range & Pasture	29	36	26	8	1

Crop Progress as of August 19, 2012 ¹

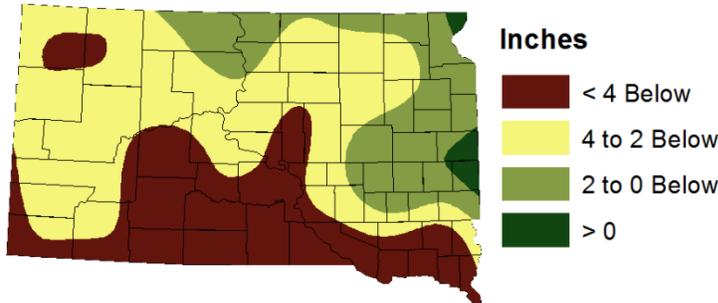
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Corn				
Dough	84	77	47	52
Dent	44	22	5	13
Mature	1	0	0	0
Silage Harvested	48	35	2	2
Soybeans				
Setting Pods	93	85	85	86
Dropping Leaves	10	3	1	1
Sorghum				
Headed	92	91	89	86
Coloring	43	35	34	29
Silage Harvested	21	20	0	3
Sunflower				
Ray Flowers Dry	11	4	6	9
Bracts Yellow	1	0	2	1
Alfalfa				
3rd Cutting	61	51	33	35

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From July 21 to August 19, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to August 19, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 19, 2012

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	65	-7	85	42	0.15	11.72	8.52	-6.65	-5.21	2,022	62
Buffalo	65	-5	87	41	0.40	9.25	6.91	-8.17	-6.13	2,034	265
Dupree	66	-6	89	42	0.03	12.72	9.96	-3.27	-1.58	2,098	87
McIntosh	65	-7	84	43	0.00	10.26	9.48	-5.38	-2.31	1,998	15
Newell	65	-7	86	45	0.20	10.63	8.51	-4.37	-2.42	2,012	93
Timber Lake	66	-6	85	43	0.03	13.84	11.00	-4.16	-2.06	2,136	108
North Central											
Aberdeen	63	-6	85	39	0.06	12.50	9.39	-7.22	-5.29	2,123	235
Faulkton	63	-8	83	42	0.06	12.24	10.35	-6.97	-3.45	2,090	70
Mobridge	66	-7	85	44	0.03	14.79	11.55	-2.87	-0.77	2,089	19
Roscoe	63	-6	81	46	0.03	13.48	11.06	-5.88	-3.36	2,031	213
Northeast											
Britton	63	-9	83	39	0.51	13.69	11.34	-4.76	-2.15	2,121	-17
Clear Lake	62	-7	83	44	0.76	18.85	14.40	-4.54	-1.91	1,964	159
Sisseton	63	-7	86	42	0.43	15.52	12.71	-4.26	-1.03	2,109	150
Watertown	63	-6	84	42	0.33	15.58	12.75	-4.21	-1.49	2,075	238
Webster	64	-5	83	48	0.76	18.03	15.11	-5.51	-3.05	2,124	253
West Central											
Faith	66	-7	88	43	0.03	12.52	10.08	-4.52	-1.76	2,160	123
Milesville	68	-5	89	46	0.15	10.43	8.13	-7.76	-5.16	2,285	172
Philip	68	-6	93	40	0.08	6.78	5.19	-9.30	-6.69	2,294	190
Rapid City	67	-5	88	44	0.00	12.51	9.39	-2.14	-1.04	2,101	182
Spearfish	65	-9	85	46	0.00	13.23	9.32	-7.24	-4.70	2,188	81
Central											
Chamberlain	69	-4	92	46	0.00	16.38	9.73	-3.01	-3.87	2,353	230
Highmore	64	-6	87	42	0.09	13.90	10.30	-7.34	-5.89	2,045	-34
Huron	65	-7	88	40	0.27	18.67	12.86	-0.68	-0.85	2,324	201
Onida	65	-7	88	42	0.12	16.90	10.79	-1.82	-2.42	2,157	89
Pierre	67	-7	91	41	0.01	12.03	8.13	-5.23	-4.09	2,222	61
Wessington Spr.	65	-8	90	47	0.40	18.31	14.22	-3.19	-1.10	2,215	6
East Central											
Brookings	61	-7	82	40	0.34	19.14	15.53	-2.41	0.30	2,128	324
Madison	63	-6	85	40	0.58	21.54	17.30	-0.83	1.49	2,270	330
Mitchell	67	-5	89	44	0.57	20.52	14.97	0.23	0.54	2,511	201
Sioux Falls	65	-6	89	40	0.83	14.89	9.65	-6.08	-4.73	2,395	321
Southwest											
Custer	60	-6	86	39	0.02	12.52	9.68	-5.47	-3.47	1,612	223
Hot Springs	67	-5	94	42	0.04	11.52	8.75	-4.25	-3.17	2,283	230
Oelrichs	67	-6	97	42	0.01	11.58	8.92	-4.82	-3.24	2,240	228
Porcupine	66	-6	94	42	0.00	13.14	9.93	-4.46	-3.41	2,235	204
South Central											
Kennebec	67	-7	91	38	0.05	14.91	10.56	-3.72	-3.67	2,425	152
Mission	65	-7	91	41	0.00	12.92	8.25	-5.81	-5.79	2,240	186
Murdo	69	-5	93	49	0.00	12.09	9.41	-6.33	-3.49	2,359	217
Winner	70	-3	94	47	0.12	13.11	8.43	-8.06	-6.48	2,450	219
Southeast											
Academy	64	-8	90	42	0.04	15.62	10.89	-5.05	-4.55	2,281	185
Centerville	65	-6	91	37	0.28	11.91	8.19	-9.62	-7.22	2,355	205
Pickstown	67	-7	93	46	0.07	12.52	8.86	-9.20	-7.04	2,531	247
Vermillion	67	-6	92	42	0.41	15.13	10.75	-9.40	-7.20	2,631	241
Yankton	65	-8	91	44	0.20	14.11	8.08	-8.56	-8.28	2,457	182

DATA AND MAPS SOURCE: State Climate Office of South Dakota