

South Dakota Weekly Crop Weather Report

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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

Hot and dry conditions during the week allowed for 6.5 days suitable for field work, with scattered light showers over the weekend. Major activities last week included harvesting of small grains, hauling water for livestock, caring for livestock, spraying late season weeds, cutting silage and cutting hay.

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

WEATHER INFORMATION

Temperatures eased slightly over the week, but triple digit and high 90's were still prevalent across the state, according to the State Climate Office of South Dakota. Isolated heavier precipitation amounts did help some areas, particularly the northern and western parts of the state, where one 2 inch+ amounts were reported. Conditions on the US Drought Monitor brought D3 (Extreme Drought) conditions into southern and western parts of the state and into the worst hit corn and rangeland areas. Nearly the whole state is listed at least D1 (Moderate Drought) or worse on the US Drought Monitor.

Precipitation again was fairly widespread in most of the state, though many places received little precipitation. Most totals were on the low side again for the week, except for the noted northern and western areas. Five stations reported over an inch. The largest was at Newell with 2.30 inches. The least was at Bison and Chamberlain with 0 precipitation. Another 17 stations had less than 0.25 inches.

Temperatures for the week averaged from the upper 70's to low 80's statewide. Most of the state reached triple digit highs again except for the northeast and Black Hills. The highest temperature was 110° F at Winner and Pickstown. The lowest reported was 48° F at Custer.

SOIL CONDITION

Topsoil moisture was rated at 12 percent adequate to surplus, 29 percent short and 59 percent very short. Subsoil moisture was rated at 17 percent adequate to surplus, 27 percent short and 56 percent very short.

FIELD CROPS REPORT

Oats harvested was at 91 percent complete, ahead of the five year average of 29 percent. Spring wheat harvested, at 82 percent, was well ahead of the five year average of 15 percent. Barley harvested was at 66 percent, ahead of the five year average of 12 percent. Ninety-five percent of the corn was tasseled, with 81 percent silked; ahead of the five year averages of 72 percent and 47 percent, respectively. Eighteen percent of the corn was reported in the dough stage, ahead of the five year average of 4 percent. Soybeans were at 91 percent blooming with 53 percent setting pods ahead of the five year average of 26 percent setting pods. Sorghum had 47 percent of the crop headed, compared to the five year average of 31 percent. Two percent of the sorghum is turning color. Sunflowers were at 40 percent blooming ahead of the five year average of 12 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated 66 percent in the good to excellent range, 29 percent fair, 4 percent poor and 1 percent very poor. Sheep conditions were rated 78 percent good to excellent, 19 percent fair, and 3 percent poor. Stock water supplies were 22 percent very short, 35 percent short and 43 percent adequate. Feed supplies were 15 percent very short, 39 percent short and 46 percent adequate to surplus. Range and pasture conditions were rated 24 percent very poor, 37 percent poor, 30 percent fair and 9 percent good to excellent.

Feed and Water Supplies Comparison as of July 29, 2012

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	15	0	1	22	0	3
Short	39	1	5	35	3	9
Adequate	45	85	82	43	71	71
Surplus	1	14	12	0	26	17

Soil Moisture Condition Comparison as of July 29, 2012

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	59	52	1	56	51	1
Short	29	35	14	27	35	10
Adequate	11	13	67	16	14	64
Surplus	1	0	18	1	0	25

Crop and Livestock Conditions as of July 29, 2012

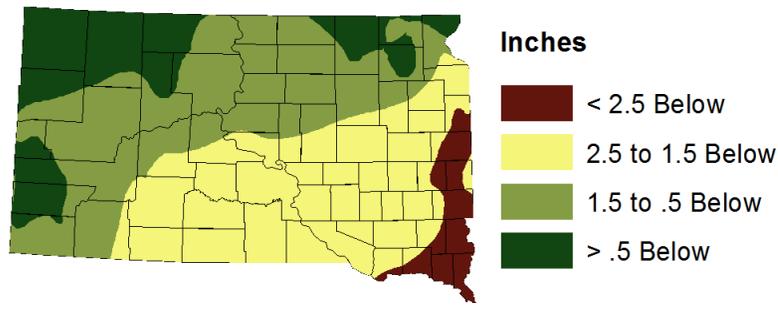
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley	2	20	48	29	1
Corn	20	21	32	25	2
Soybeans	7	19	40	31	3
Sorghum	12	23	46	19	0
Sunflower	1	46	39	13	1
Alfalfa	27	31	35	7	0
Cattle	1	4	29	60	6
Sheep	0	3	19	61	17
Range & Pasture	24	37	30	7	2

Crop Progress as of July 29, 2012 ¹

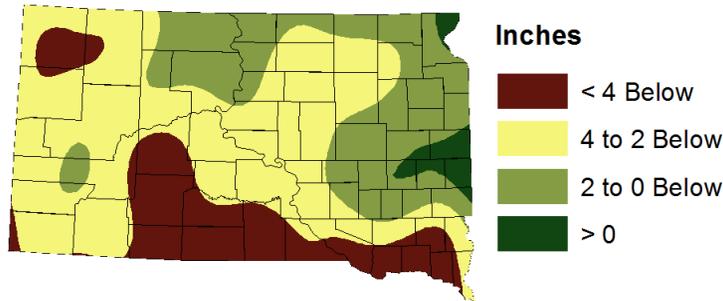
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley				
Harvested	66	21	1	12
Oats				
Harvested	91	76	16	29
Spring Wheat				
Harvested	82	55	8	15
Corn				
Tasseled	95	82	77	72
Silked	81	63	48	47
Dough	18	7	1	4
Soybeans				
Blooming	91	87	76	78
Setting Pods	53	27	21	26
Sorghum				
Headed	47	28	18	31
Coloring	2	0	1	2
Sunflower				
Blooming	40	19	9	12
Alfalfa				
2nd Cutting	90	83	69	70
3rd Cutting	29	22	4	4
Other Hay				
Cut	90	90	82	83

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From June 30 to July 29, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to July 29, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, July 29, 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		
	<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>		
Northwest											
Bison	75	2	99	54	0.00	11.02	7.82	-6.31	-4.87	1,744	244
Buffalo	75	5	97	53	0.05	8.67	6.33	-8.10	-6.06	1,743	349
Dupree	76	2	103	53	1.50	12.26	9.50	-2.93	-1.24	1,799	186
McIntosh	74	1	97	51	0.04	9.62	8.84	-4.90	-1.83	1,733	178
Newell	77	3	99	54	2.30	9.60	7.48	-4.75	-2.80	1,716	220
Timber Lake	75	2	97	51	0.15	13.39	10.55	-3.70	-1.60	1,844	273
North Central											
Aberdeen	75	2	95	57	0.28	11.58	8.47	-6.58	-4.65	1,851	246
Faulkton	74	1	99	53	0.35	10.92	9.03	-6.25	-2.73	1,819	181
Mobridge	77	3	102	52	0.15	13.39	10.15	-2.74	-0.64	1,799	209
Roscoe	74	2	95	54	0.60	11.72	9.30	-5.86	-3.34	1,745	343
Northeast											
Britton	74	2	93	54	1.16	12.82	10.47	-4.48	-1.87	1,848	185
Clear Lake	74	3	96	58	0.15	16.26	11.81	-4.61	-1.98	1,693	105
Sisseton	74	1	96	59	1.76	14.69	11.88	-3.85	-0.62	1,839	201
Watertown	76	5	95	58	0.26	14.22	11.39	-3.36	-0.64	1,796	239
Webster	75	3	93	58	0.26	16.80	13.88	-5.03	-2.57	1,827	263
West Central											
Faith	78	3	102	54	0.69	12.27	9.83	-4.07	-1.31	1,856	257
Milesville	79	4	101	52	0.45	9.83	7.53	-7.19	-4.59	1,976	306
Philip	82	7	105	52	0.20	6.41	4.82	-8.75	-6.14	1,986	331
Rapid City	78	5	99	53	0.31	11.85	8.73	-1.95	-0.85	1,796	303
Spearfish	76	3	95	56	0.34	11.54	7.63	-7.54	-5.00	1,867	437
Central											
Chamberlain	83	8	108	56	0.00	15.53	8.88	-1.86	-2.72	2,037	293
Highmore	76	3	101	53	0.72	13.73	10.13	-6.37	-4.92	1,768	93
Huron	79	5	102	55	0.15	16.87	11.06	-0.74	-0.91	2,029	348
Onida	79	5	101	54	0.30	16.12	10.01	-0.89	-1.49	1,871	171
Pierre	81	5	104	55	0.62	11.70	7.80	-4.40	-3.26	1,924	189
Wessington Spr.	78	2	104	57	0.07	17.36	13.27	-2.46	-0.37	1,912	163
East Central											
Brookings	76	5	95	58	1.32	16.87	13.26	-2.37	0.34	1,847	370
Madison	79	8	101	57	0.17	19.09	14.85	-1.01	1.31	1,960	356
Mitchell	81	6	105	58	0.15	19.03	13.48	0.74	1.05	2,180	424
Sioux Falls	80	6	102	60	0.23	13.22	7.98	-5.80	-4.45	2,076	356
Southwest											
Custer	70	3	89	48	0.46	12.32	9.48	-4.45	-2.45	1,350	220
Hot Springs	79	7	98	55	0.54	11.25	8.48	-3.55	-2.47	1,975	362
Oelrichs	80	5	103	52	0.05	11.37	8.71	-4.33	-2.75	1,931	301
Porcupine	80	6	103	54	0.26	12.31	9.10	-4.10	-3.05	1,926	284
South Central											
Kennebec	81	4	105	52	0.34	14.32	9.97	-2.90	-2.85	2,113	270
Mission	78	4	104	52	0.32	12.40	7.73	-5.01	-4.99	1,936	365
Murdo	82	7	103	59	0.32	11.74	9.06	-5.77	-2.93	2,019	330
Winner	82	5	110	56	0.13	12.85	8.17	-7.19	-5.61	2,125	253
Southeast											
Academy	79	5	107	54	0.44	14.44	9.71	-4.03	-3.53	1,969	233
Centerville	80	6	105	58	0.24	11.23	7.51	-8.59	-6.19	2,051	326
Pickstown	84	8	110	60	0.17	11.70	8.04	-8.14	-5.98	2,182	370
Vermillion	83	7	103	58	0.06	14.34	9.96	-8.58	-6.38	2,299	316
Yankton	82	7	105	60	0.05	13.42	7.39	-7.38	-7.10	2,130	323

⁰DATA AND MAP SOURCE: State Climate Office of South Dakota