

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Dry conditions continued, but temperatures eased a little during the week allowing for 6.4 days suitable for field work. Major activities last week included harvesting of small grains, hauling water for livestock, caring for livestock, 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

Overall drought conditions have stabilized across the state, according to the State Climate Office of South Dakota. Slightly cooler (though still above average) temperatures with some precipitation kept conditions from worsening. Amounts of precipitation were generally not significant enough to make major improvements. Damage to corn has been done. Recent precipitation may have helped soybeans in the heavier precipitation areas.

Precipitation was more widespread than in many weeks with several locations (mostly East River) receiving larger precipitation totals. Overall totals were mostly under an inch across the state. Three stations reported more than an inch (Academy, Brookings and Clear Lake). Brookings had the highest total at 1.26 inches. Several statewide locations received lower totals. Thirteen stations received 0.10 inches or less. Faith had the lowest total for the week at 0.01 inches. Growing season totals are below average statewide with the most extreme being 5-6 inches below average or more since April 1. Mitchell and Madison are above average only due to very heavy May rainfalls.

Temperatures for the week averaged in the low 70's F statewide. Northern stations were only a few degrees above average while most southern stations were 5-8° F above average. The highest temperature was 106° F at Academy, Philip, and Pickstown. The lowest reported was 42° F at Custer. Growing degree day totals statewide are well above average in all locations leading to faster maturity of crops.

SOIL CONDITION

Topsoil moisture was rated at 15 percent adequate to surplus, 32 percent short and 53 percent very short. Subsoil moisture was rated at 16 percent adequate to surplus, 29 percent short and 55 percent very short.

FIELD CROPS REPORT

Oats harvested was nearly complete at 99 percent, spring wheat at 96 percent harvested and barley at 86 percent. Ninety-seven percent of the corn was in the silking stage with 39 percent in the dough stage. Soybeans had 92 percent blooming with 70 percent setting pods, ahead of the five year average of 46 percent setting pods. Sorghum had 77 percent of the crop headed and 20 percent turning color. Sunflowers were at 44 percent blooming ahead of the five year average of 26 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions had little change with 67 percent rated in the good to excellent range, 29 percent fair, 3 percent poor and 1 percent very poor. Sheep conditions dropped some last week with only 9 percent rated in excellent condition compared to last week's 17 percent in excellent condition. Sixty-nine percent of sheep were in good condition, 20 percent fair, and 2 percent poor. Stock water supplies were 23 percent very short, 41 percent short and 36 percent adequate. Feed supplies were 15 percent very short, 41 percent short and 44 percent adequate to surplus. Range and pasture conditions were rated 26 percent very poor, 42 percent poor, 26 percent fair and 6 percent good.

Feed and Water Supplies Comparison as of August 5, 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	23	0	3
Short	41	1	5	41	3	9
Adequate	43	84	82	36	76	74
Surplus	1	15	12	0	21	14

Soil Moisture Condition Comparison as of August 5, 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	53	59	1	55	56	1
Short	32	29	14	29	27	11
Adequate	14	11	72	15	16	68
Surplus	1	1	13	1	1	20

Crop and Livestock Conditions as of August 5, 2012

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	20	28	28	22	2
Soybeans	10	25	33	30	2
Sorghum	11	18	62	9	0
Sunflower	1	30	47	21	1
Alfalfa	27	38	29	6	0
Cattle	1	3	29	62	5
Sheep	0	2	20	69	9
Range & Pasture	26	42	26	6	0

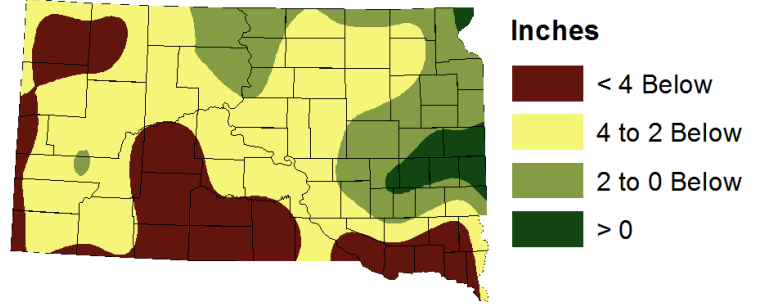
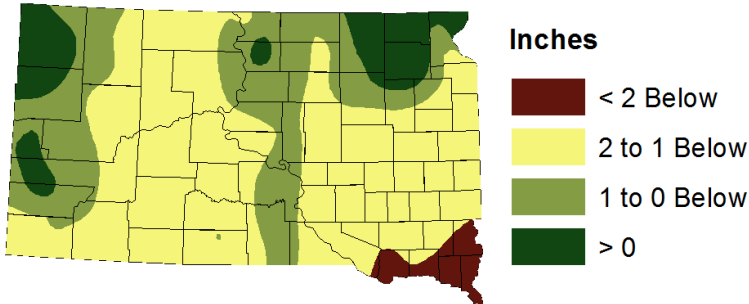
Crop Progress as of August 5, 2012 ¹

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley				
Harvested	86	66	7	27
Oats				
Harvested	99	91	47	53
Spring Wheat				
Harvested	96	82	29	38
Corn				
Silked	97	81	70	70
Dough	39	18	5	11
Dent	2	0	0	1
Silage Harvested	26	0	0	0
Soybeans				
Blooming	92	91	89	88
Setting Pods	70	53	42	46
Dropping Leaves	2	0	0	0
Sorghum				
Headed	77	47	43	53
Coloring	20	2	2	5
Silage Harvested	4	0	0	0
Sunflower				
Blooming	44	40	24	26
Ray Flowers Dry	1	0	0	1
Alfalfa				
2nd Cutting	93	90	80	81
3rd Cutting	47	29	10	11
Other Hay				
Cut	93	90	89	89

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From July 7 to August 5, 2012

GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to August 5, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 5, 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	71	3	98	49	0.24	11.26	8.06	-6.55	-5.11	1,887	243
Buffalo	73	2	100	46	0.09	8.76	6.42	-8.41	-6.37	1,890	363
Dupree	72	3	96	48	0.05	12.31	9.55	-3.32	-1.63	1,951	191
McIntosh	71	3	100	46	0.18	9.80	9.02	-5.23	-2.16	1,862	162
Newell	74	1	99	48	0.10	9.70	7.58	-5.02	-3.07	1,867	226
Timber Lake	73	1	100	47	0.08	13.47	10.63	-4.14	-2.04	1,995	278
North Central											
Aberdeen	72	1	90	53	0.47	12.05	8.94	-6.67	-4.74	2,003	254
Faulkton	74	1	95	54	0.83	11.75	9.86	-6.04	-2.52	1,972	189
Mobridge	74	1	100	50	0.61	14.00	10.76	-2.59	-0.49	1,950	210
Roscoe	72	1	94	48	0.70	12.42	10.00	-5.77	-3.25	1,909	375
Northeast											
Britton	73	1	90	51	0.06	12.88	10.53	-5.07	-2.46	2,002	192
Clear Lake	72	2	96	51	1.22	17.48	13.03	-4.13	-1.50	1,853	126
Sisseton	73	2	89	53	0.09	14.78	11.97	-4.44	-1.21	1,995	210
Watertown	75	5	98	57	0.94	15.16	12.33	-3.07	-0.35	1,958	260
Webster	75	4	89	58	0.34	17.14	14.22	-5.42	-2.96	1,998	293
West Central											
Faith	75	1	97	51	0.01	12.28	9.84	-4.55	-1.79	2,010	259
Milesville	75	1	105	49	0.27	10.10	7.80	-7.49	-4.89	2,135	313
Philip	77	1	106	51	0.27	6.68	5.09	-8.86	-6.25	2,141	334
Rapid City	74	1	102	48	0.09	11.94	8.82	-2.31	-1.21	1,947	311
Spearfish	72	4	93	49	0.60	12.14	8.23	-7.45	-4.91	2,032	458
Central											
Chamberlain	80	6	104	60	0.77	16.30	9.65	-1.76	-2.62	2,209	308
Highmore	75	3	97	53	0.04	13.77	10.17	-6.93	-5.48	1,920	96
Huron	77	4	102	56	0.61	17.48	11.67	-0.84	-1.01	2,194	363
Onida	74	1	99	53	0.56	16.68	10.57	-0.96	-1.56	2,021	170
Pierre	77	1	104	53	0.31	12.01	8.11	-4.65	-3.51	2,082	190
Wessington Spr.	77	2	101	48	0.50	17.86	13.77	-2.67	-0.58	2,088	172
East Central											
Brookings	73	4	97	50	1.26	18.13	14.52	-1.82	0.89	2,012	403
Madison	76	5	101	52	0.92	20.01	15.77	-0.76	1.56	2,128	382
Mitchell	79	5	103	52	0.85	19.88	14.33	1.00	1.31	2,361	451
Sioux Falls	79	7	102	60	0.56	13.78	8.54	-5.96	-4.61	2,254	383
Southwest											
Custer	69	2	92	42	0.04	12.36	9.52	-5.10	-3.10	1,481	241
Hot Springs	75	1	99	47	0.12	11.37	8.60	-3.96	-2.88	2,130	376
Oelrichs	77	3	102	46	0.05	11.42	8.76	-4.68	-3.10	2,096	320
Porcupine	76	2	101	47	0.36	12.67	9.46	-4.17	-3.12	2,083	294
South Central											
Kennebec	77	1	103	47	0.54	14.86	10.51	-2.91	-2.86	2,280	279
Mission	77	3	99	56	0.49	12.89	8.22	-5.06	-5.04	2,097	380
Murdo	79	4	105	53	0.10	11.84	9.16	-6.21	-3.37	2,198	357
Winner	80	5	104	59	0.09	12.94	8.26	-7.72	-6.14	2,298	267
Southeast											
Academy	78	5	106	49	1.03	15.47	10.74	-3.66	-3.16	2,144	257
Centerville	80	8	101	53	0.38	11.61	7.89	-8.92	-6.52	2,219	346
Pickstown	83	8	106	54	0.69	12.39	8.73	-8.03	-5.87	2,372	400
Vermillion	81	7	104	54	0.36	14.70	10.32	-8.97	-6.77	2,479	332
Yankton	79	5	102	55	0.44	13.86	7.83	-7.70	-7.42	2,308	346