

South Dakota Weekly Crop Weather Report



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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 June 19, 2011
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AGRICULTURAL SUMMARY

Even though some intermittent rains fell, there were still 4.4 days suitable for fieldwork in the past seven days. Farmers made gains on the acres of soybeans and sunflowers planted. The warmer conditions allowed for substantial growth in all crops. Insect control has become an issue, especially with aphids in winter wheat and grasshoppers in the alfalfa acreage. Spraying consumed a large part of the work week to try and offset the problem. Farm activities included planting row crops, applying fertilizer, herbicides, and pesticides, and haying.

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

WEATHER INFORMATION

Another very mild temperature week kept highs in a comfortable range over the state, but still below average for the most part, according to the State Climate Office of South Dakota. While comfortable, the temperatures have limited growing degree day accumulations for crop development.

Temperatures remained below average over most of the state. Deviations were generally 1-4° F below average. A few stations were near to above average in the eastern and northern parts of the state, but only 1°F. The high temperature for the week was shared by Winner and Yankton at 90° F. Custer had the low at 37° F. The cooler than average temperatures again kept growing degree day accumulations from gaining much.

The heaviest rains for the week fell from south central to north central parts of the state. Academy reported the highest total for the week at 2.82 inches. Rapid City reported the lowest total at 0.01 inches for the week.

In this week's data you will see a change in location (Forestburg to Wessington Springs) because of station reporting issues. There were also several changes to longer term precipitation totals and deviations to correct previous estimations of missing data.

FIELD CROPS REPORT

Warmer weather conditions brought great strides in the emergence and development of all crops. Planting of soybeans is slowly coming to an end, now 93 percent planted, just shy of the 5-year average of 96 percent. Corn emergence is at 96 percent complete, slowly catching up to the previous year of 99 percent. Small grains are still far behind the normal pace for the season. Winter wheat growth made some progress with 68 percent headed, still behind the previous year of 89 percent. The coloring and harvesting stages have yet to start, lagging behind the 5- year averages of 20 and 6 percent respectively.

LIVESTOCK, PASTURE, AND RANGE REPORT

Range and pasture grounds are having one of the best years yet with 86 percent rated good to excellent. Eighty-eight percent of the cattle are rated good to excellent and 90 percent of the sheep are rated in good to excellent condition. Stock water supplies are holding strong with 100 percent rated adequate to surplus and feed supplies are also holding steady with 96 percent rated adequate to surplus.

Feed and Water Supplies Comparison as of June 19, 2011

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	4	0	0	5
Short	4	4	11	0	1	9
Adequate	87	81	77	69	55	68
Surplus	9	15	8	31	44	18

Soil Moisture Condition Comparison as of June 19, 2011

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	0	0	1	0	0	1
Short	1	2	2	4	4	2
Adequate	72	68	51	63	62	54
Surplus	27	30	46	33	34	43

Crop and Livestock Conditions as of June 19, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	2	13	60	25
Spring Wheat	0	1	21	65	13
Barley	0	0	17	67	16
Oats	0	1	13	71	15
Corn	1	4	20	64	11
Soybeans	2	4	30	55	9
Sorghum	0	0	16	70	14
Sunflower	0	2	30	57	11
Alfalfa	0	4	16	60	20
Cattle	0	1	11	71	17
Sheep	0	0	10	71	19
Range & Pasture	0	2	12	61	25

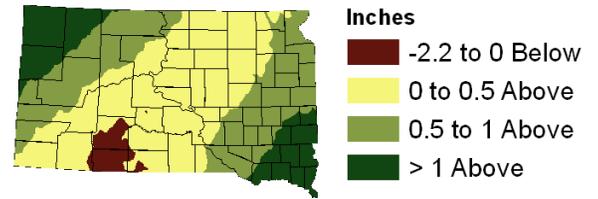
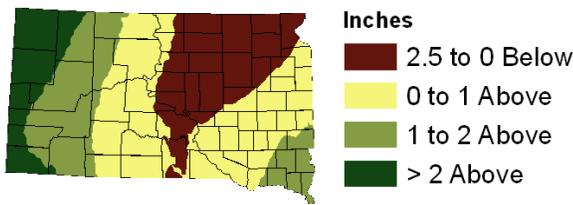
Crop Progress as of June 19, 2011 ¹

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	92	80	98	98
Headed	68	37	89	88
Turning Color	0	0	12	20
Barley				
Emerged	100	88	100	100
Boot	7	3	70	71
Headed	2	1	18	28
Oats				
Boot	34	27	70	77
Headed	14	6	38	36
Spring Wheat				
Boot	33	16	77	78
Headed	6	2	33	37
Corn				
Emerged	96	82	99	98
Ave. Height (in.)	8	5	13	13
1st cult./spray	59	38	72	74
2nd cult./spray	7	N/A	14	16
Soybeans				
Planted	93	83	94	96
Emerged	67	39	79	84
Sorghum				
Planted	92	75	92	91
Emerged	57	23	60	63
Sunflower				
Planted	73	50	70	74
Alfalfa				
1st Cutting	44	30	43	54
Other Hay				
Cut	20	11	17	21

¹ Percents represent all acreage in or beyond each stage.

GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to June 19, 2011

PAST 30 DAYS
Accumulated Precip Deviation from Average
From May 21 to June 19, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 19, 2011

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		
	Since April 1										
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	62	-4	80	48	0.18	11.97	7.46	0.62	0.78	551	-171
Buffalo	61	-3	78	45	1.05	12.55	8.89	2.47	2.50	434	-228
Dupree	65	-1	80	49	0.29	15.94	9.90	4.36	2.78	566	-230
McIntosh	64	-3	80	46	0.97	10.51	6.61	0.41	0.29	539	-219
Newell	62	-4	80	46	0.12	12.80	8.14	1.89	1.53	484	-222
Timber Lake	67	1	83	50	1.80	14.37	8.27	2.47	1.33	581	-178
North Central											
Aberdeen	67	0	82	49	1.56	13.86	7.58	2.13	0.91	638	-144
Faulkton	68	1	81	52	1.80	14.10	8.06	3.34	1.19	558	-250
Mobridge	64	-3	79	49	1.67	12.12	6.91	0.89	0.83	576	-180
Roscoe	66	0	79	52	1.82	14.23	7.17	1.98	-0.13	534	-141
Northeast											
Britton	67	1	81	50	0.68	13.71	5.79	2.01	-0.91	617	-211
Clear Lake	63	-3	78	52	0.30	15.74	7.45	0.59	-0.64	528	-241
Sisseton	66	0	79	52	0.96	15.74	6.58	2.54	-0.31	600	-205
Watertown	65	-1	80	48	0.90	15.10	6.31	2.50	-0.67	572	-173
Webster	67	0	81	54	0.72	16.76	5.91	4.49	-0.92	572	-183
West Central											
Faith	64	-3	80	48	0.40	13.45	8.15	1.62	1.48	516	-257
Milesville	66	-3	83	50	0.25	11.47	6.89	-0.85	-0.48	652	-164
Philip	66	-2	85	48	0.20	11.31	6.89	0.44	0.18	615	-197
Rapid City	61	-3	81	43	0.01	12.23	8.26	1.33	1.65	508	-203
Spearfish	59	-6	76	43	0.73	14.43	8.43	-0.47	-0.01	492	-166
Central											
Chamberlain	69	1	88	51	0.57	11.31	7.14	2.30	-1.22	706	-156
Highmore	66	-1	83	49	0.77	10.51	6.00	2.31	-0.40	571	-262
Huron	67	-1	83	52	0.58	13.42	6.67	0.49	-0.60	696	-119
Onida	65	-2	84	47	1.29	11.94	5.96	-0.62	-0.84	700	-145
Pierre	67	-2	85	47	1.03	13.26	6.62	0.83	-0.69	635	-208
Wessington Spr.	68	-2	85	54	0.88	14.30	8.26	0.16	0.22	704	-174
East Central											
Brookings	64	-1	82	50	0.64	14.45	8.26	1.69	0.57	592	-110
Madison	65	-1	82	49	0.41	13.08	7.88	-1.86	-0.47	612	-160
Mitchell	68	-1	86	55	1.78	16.43	10.82	2.12	2.60	736	-118
Sioux Falls	66	-1	84	51	1.55	16.18	10.40	1.27	2.20	709	-127
Southwest											
Custer	56	-4	73	37	0.94	15.12	9.33	2.96	2.00	261	-241
Hot Springs	63	-3	79	44	0.96	12.76	8.66	1.99	1.76	661	-155
Oelrichs	64	-3	84	45	0.60	10.70	7.91	-0.37	0.98	610	-200
Porcupine	64	-2	84	43	0.42	15.23	8.57	4.34	1.96	601	-218
South Central											
Kennebec	67	-3	86	48	1.98	11.85	7.68	0.45	0.70	742	-192
Mission	68	0	85	49	2.53	14.83	9.82	2.32	2.01	618	-128
Murdo	68	0	85	51	2.31	14.01	8.50	1.12	1.16	616	-209
Winner	68	-2	90	50	1.61	11.01	7.27	-1.77	-1.31	716	-231
Southeast											
Academy	68	0	85	52	2.82	12.51	9.52	-1.97	0.90	670	-195
Centerville	67	-3	88	54	1.56	14.72	11.29	0.67	2.53	729	-127
Pickstown	70	0	89	52	1.06	13.58	7.83	-1.02	-0.92	823	-67
Vermillion	70	-2	88	56	1.01	14.04	9.35	-1.38	0.55	923	-106
Yankton	68	-2	90	55	1.55	18.47	11.89	3.22	2.98	805	-90

DATA AND MAP SOURCE: State Climate Office of South Dakota