

South Dakota Weekly Crop Weather Report

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For Week Ending June 17, 2007
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Cooperating with:
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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Statewide, farmers and ranchers had 3.4 days suitable for fieldwork. Major farm activities included planting row crops, post-emergence spraying, cultivating, and haying.

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

WEATHER INFORMATION

Warmer and more humid conditions prevailed across the state over most of the week with temperatures reaching the 90s in many locations and the first 100° F reading of the year in Oelrichs, according to the State Climate Office of South Dakota. The warmer temperatures and moisture supplied energy to produce another active severe weather week. These combined storms produced (tornadoes, hail, and wind) over 40 specific storm reports across the state. No specific crop damage was listed in any of the reports, but some likely did occur. Storms produced some areas of heavy rainfall, much of it in a corridor across the central part of the state from the northern Black Hills to Huron. Chamberlain, Pierre, and Huron were three of the locations reporting over 3 inches for the week with over 5 inches reported in Onida. Despite the active storm events, other areas in the northwest (Bison), southwest (Hot Springs and Oelrichs) and southeast (Centerville and Vermillion) received less than a tenth of an inch for the week. These are generally the areas that are still below average for the growing season so far.

Temperatures were generally 4-8° F above average over the whole state. This added GDD accumulation further above average for this time of year. Some stations are more than 10 days ahead of average since April 1.

SOIL CONDITION

Topsoil moisture was rated at 97 percent adequate to surplus, while subsoil moisture is rated at 89 percent adequate to surplus. Both are vastly higher than last year at this time. The southwest corner of the state continues to be dry.

FIELD CROPS REPORT

Soybean and sorghum planting has caught up to nearly normal, but sunflower planting continues to lag behind. Soybean planting is rated at 97 percent complete, while sorghum planting is rated at 87 percent complete. Sunflower planting is rated at 58 percent complete, behind the five-year average of 79 percent. Corn advanced to an average height of 15 inches. Also, 76 percent of the corn crop has been sprayed or cultivated once, ahead of the five-year average of 66 percent. Winter wheat is rated at 17 percent turning color, compared to the average of 13 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Farmers and ranchers continue haying when suitable. The first cutting of alfalfa is rated at 55 percent complete, while other hay is rated at 17 percent cut. Alfalfa condition is rated at 82 percent in good to excellent condition compared to last year's 39 percent.

Feed and Water Supplies Comparison as of June 17, 2007

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	1	10	13	5	17	18
Short	9	27	21	11	26	24
Adequate	81	57	62	64	55	55
Surplus	9	5	4	20	2	4

Soil Moisture Condition Comparison as of June 17, 2007

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	25	5	3	30
Short	3	4	27	6	9	25
Adequate	71	77	45	68	69	42
Surplus	26	19	3	21	19	3

Crop and Livestock Conditions as of June 17, 2007

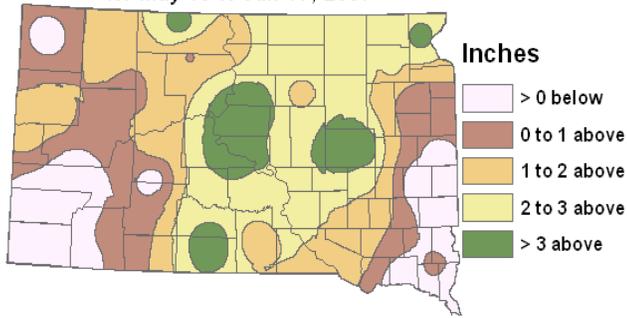
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	1	6	19	52	22
Spring Wheat	0	2	17	59	22
Barley	1	2	12	73	12
Oats	0	1	12	70	17
Corn	0	3	12	62	23
Soybeans	0	3	14	66	17
Sorghum	0	1	34	61	4
Sunflower	1	8	32	55	4
Alfalfa	0	4	14	61	21
Cattle	0	0	9	65	26
Sheep	0	0	7	58	35
Range & Pasture	1	4	18	58	19

Crop Progress as of June 17, 2007 ¹

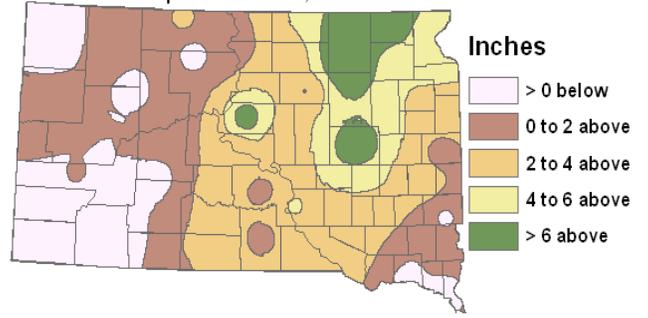
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Headed	96	91	96	86
Turning Color	17	1	41	13
Barley				
Boot	80	57	76	65
Headed	24	3	42	24
Oats				
Boot	87	69	84	73
Headed	37	10	51	30
Turning Color	0	0	2	0
Spring Wheat				
Boot	84	67	82	75
Headed	31	10	51	30
Corn				
Ave Height (in.)	15	9	14	11
1st cult./spray	76	59	86	66
2nd cult./spray	14	5	21	12
Soybeans				
Planted	97	88	98	96
Emerged	86	65	91	86
Sorghum				
Planted	87	67	95	85
Emerged	57	43	70	33
Sunflower				
Planted	58	38	88	79
Alfalfa				
1st Cutting	55	29	79	50
2nd Cutting	0	0	2	0
Other Hay				
Cut	17	8	35	17

¹ Percents represent all acreage in or beyond each stage.

Accumulated Precip Departure from Normal
for May 19 to Jun 17, 2007



Accumulated Precip Departure from Normal
for Apr 1 to Jun 17, 2007



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 17, 2007

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	69	4	92	53	0.08	10.39	7.53	-0.76	1.05	730	69
Buffalo	67	5	87	52	0.12	7.37	5.27	-3.20	-1.38	637	109
Dupree	70	4	90	55	0.54	11.32	8.09	-0.04	1.19	803	124
McIntosh	67	1	85	52	0.66	11.74	8.37	1.84	2.39	703	22
Newell	67	1	89	52	0.69	10.19	6.87	0.04	0.81	711	71
Timber Lake	70	4	87	54	0.35	10.26	5.77	-1.42	-0.95	778	118
North Central											
Aberdeen	73	6	91	60	1.63	22.00	17.74	10.44	11.24	838	155
Faulkton	71	4	90	58	1.73	13.59	8.67	1.44	1.98	794	106
Mobridge	71	4	87	54	0.97	10.25	6.54	0.03	0.57	861	194
Roscoe	71	5	88	56	1.18	14.27	10.34	2.24	3.26	744	143
Northeast											
Britton	73	7	92	57	1.78	19.18	14.86	7.75	8.39	846	148
Clear Lake	73	7	87	57	1.86	17.32	11.03	2.42	3.24	765	166
Sisseton	74	8	90	60	0.62	19.17	12.48	6.19	5.81	840	170
Watertown	73	8	88	58	1.09	15.67	10.36	3.25	3.51	843	261
Webster	72	6	88	57	0.70	17.37	10.64	5.54	4.25	757	148
West Central											
Faith	69	2	91	53	0.61	9.21	5.58	-2.07	-0.99	730	30
Milesville	71	4	95	55	1.90	12.06	7.96	-0.06	0.79	861	124
Philip	73	5	98	57	0.45	9.58	5.66	-1.26	-0.96	897	150
Rapid City	70	6	96	56	0.18	8.82	6.60	-1.95	0.08	675	81
Spearfish	66	1	86	40	0.18	13.01	9.05	-1.77	0.73	782	184
Central											
Chamberlain	75	8	92	64	3.33	18.56	12.18	4.81	4.18	897	174
Highmore	71	4	91	58	2.95	14.36	10.21	1.73	2.82	782	85
Huron	73	6	90	63	4.93	20.76	15.51	8.00	8.35	899	181
Onida	70	4	88	55	5.26	19.47	14.13	7.30	7.54	828	131
Pierre	72	4	90	60	3.27	14.59	10.44	2.33	3.25	841	77
East Central											
Brookings	73	7	87	59	0.90	13.48	8.32	1.02	0.93	809	183
Forestburg	75	6	92	62	2.28	18.99	12.99	5.09	5.09	959	141
Madison	73	8	87	63	0.52	16.97	11.29	2.29	3.20	845	220
Mitchell	77	8	93	66	2.68	17.30	10.45	3.15	2.37	941	192
Sioux Falls	75	7	87	64	0.95	17.80	7.80	3.08	-0.28	929	202
Southwest											
Custer	63	4	86	41	0.19	9.84	6.74	-2.15	-0.50	494	46
Hot Springs	68	2	95	45	0.07	7.99	5.35	-2.50	-1.27	860	120
Oelrichs	72	6	100	42	0.06	6.56	4.55	-4.45	-2.20	827	102
Porcupine	71	5	95	47	0.32	8.40	5.32	-2.29	-1.09	819	122
South Central											
Kennebec	74	4	92	60	1.70	14.39	8.13	3.19	1.35	1,029	160
Mission	73	6	88	62	2.99	16.91	10.76	4.62	3.17	875	225
Murdo	72	5	91	60	2.01	14.24	9.53	1.57	2.41	804	102
Winner	75	4	96	63	2.44	17.60	9.95	2.87	1.52	884	12
Southeast											
Armour	75	4	90	62	1.27	18.79	10.86	4.17	2.73	1,008	127
Centerville	75	6	91	63	0.05	15.33	8.89	0.64	0.50	943	167
Pickstown	74	5	90	61	2.12	18.58	11.25	4.22	2.74	925	139
Vermillion	76	5	92	62	0.07	15.79	7.48	0.62	-1.07	1,073	123
Yankton	76	7	93	63	0.68	17.05	7.56	2.06	-1.09	952	148

DATA AND MAP SOURCE: State Climate Office of South Dakota