

South Dakota Weekly Crop Weather Report

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U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Statewide, farmers and ranchers had 4.4 days suitable for fieldwork. In a rare occurrence lately, the western part of the state received more rainfall than the east side. 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

Another cool and relatively wet week occurred over South Dakota, according to the State Climate Office of South Dakota. Several severe storms caused some large hail, strong winds and a couple tornadoes. The heavier rainfall amounts fell in the western half of the state as McIntosh and Dupree recorded over 2 inches for the week. Several other stations reported over an inch. Lesser amounts fell in the eastern part of the state where several stations reported less than a quarter inch.

The rainfall and cloudiness again kept temperatures lower than average over nearly the whole state. Only a few eastern stations, as well as Spearfish and Buffalo, in the west were above average. But GDD accumulation is still generally near to ahead of average since April 1.

SOIL CONDITION

Last week drier soils in the west tended to get some rainfall, while wetter soils in the east did not. As a result, less of the statewide soil moisture ratings were reported in the extreme categories of very short and surplus. Topsoil moisture was rated as 19 percent surplus, which is down from 25 percent the previous week. Two percent of very short subsoil moisture was reclassified to short, while 1 percent of the surplus subsoil moisture was reclassified to adequate. The driest area is becoming more isolated to the extreme southwest corner of the state.

FIELD CROPS REPORT

Soybean, sorghum and sunflower planting all lag behind normal, with sunflowers being the farthest behind. Soybean planting is rated at 88 percent complete, behind both last year's 93 percent and the five-year average of 91 percent. Corn progress is on normal pace. Corn emergence is nearly complete, rated at 97 percent, with the average height of 9 inches. Also, 59 percent of the corn crop has been sprayed or cultivated once. The small grains are developing quickly. Ninety-one percent of the winter wheat crop is fully headed, ahead of last year's 81 percent and the five-year average of 64 percent, with a few reports of winter wheat turning color. Spring wheat has 67 percent of the crop rated in or past the boot stage, ahead of the five-year average of 49 percent. A couple more days suitable for fieldwork last week helped some producers to spray weeds, fungi, and insects. There are reports of rust in several winter wheat fields.

LIVESTOCK, PASTURE, AND RANGE REPORT

Farmers and ranchers have begun haying in earnest this week. The first cutting of alfalfa is rated at 29 percent complete, while other hay is rated at 8 percent cut. Alfalfa condition is rated 76 percent good to excellent. Similarly, range and pasture condition is rated 79 percent good to excellent. Eighty-seven percent of cattle are rated in good to excellent condition, while sheep are rated at 92 percent in good to excellent condition. Ninety-four percent of cattle have been moved to pasture.

Feed and Water Supplies Comparison as of June 10, 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	2	6	9	7	18	16
Short	10	27	24	9	24	25
Adequate	84	65	64	65	56	56
Surplus	4	2	3	19	2	3

Soil Moisture Condition Comparison as of June 10, 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	1	26	3	5	25
Short	4	2	31	9	7	29
Adequate	77	72	41	69	68	43
Surplus	19	25	2	19	20	3

Crop and Livestock Conditions as of June 10, 2007

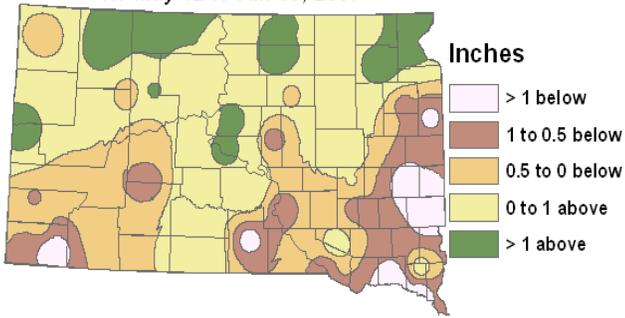
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	1	4	23	52	20
Spring Wheat	0	2	22	60	16
Barley	0	2	14	74	10
Oats	0	1	15	71	13
Corn	0	3	16	67	14
Soybeans	1	3	18	68	10
Alfalfa	1	4	19	57	19
Cattle	0	0	13	66	21
Sheep	0	0	8	62	30
Range & Pasture	1	5	15	59	20

Crop Progress as of June 10, 2007 ¹

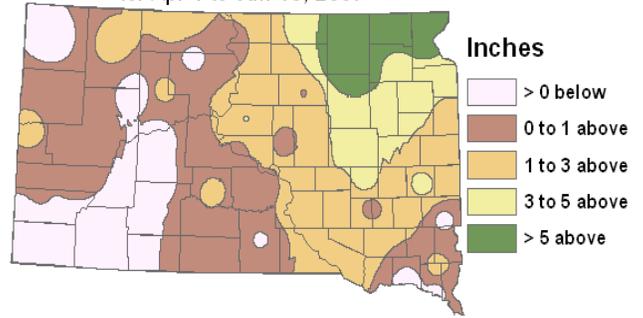
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Headed	91	66	81	64
Turning Color	1	0	5	1
Barley				
Boot	57	11	50	37
Headed	3	0	12	6
Oats				
Boot	69	43	56	46
Headed	10	3	21	10
Spring Wheat				
Boot	67	38	61	49
Headed	10	3	20	9
Corn				
Emerged	97	85	95	93
Ave Height (in.)	9	6	8	7
1st cult./spray	59	34	59	45
2nd cult./spray	5	0	3	3
Soybeans				
Planted	88	76	93	91
Emerged	65	40	73	68
Sorghum				
Planted	67	58	79	69
Emerged	43	31	50	21
Sunflower				
Planted	38	21	65	59
Alfalfa				
1st Cutting	29	12	55	30
Other Hay				
Cut	8	2	19	8

¹ Percents represent all acreage in or beyond each stage.

Accumulated Precip Departure from Normal
for May 12 to Jun 10, 2007



Accumulated Precip Departure from Normal
for Apr 1 to Jun 10, 2007



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 10, 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	62	-1	80	41	1.53	10.31	7.45	-0.15	1.66	599	48
Buffalo	61	1	78	40	0.74	7.25	5.15	-2.56	-0.74	520	80
Dupree	63	-1	82	41	2.25	10.78	7.55	0.23	1.46	664	98
McIntosh	59	-5	77	38	2.44	11.08	7.71	1.90	2.45	586	16
Newell	61	-2	81	38	0.84	9.50	6.18	0.02	0.79	593	63
Timber Lake	62	-2	80	41	1.00	9.91	5.42	-1.00	-0.53	642	93
North Central											
Aberdeen	64	-1	85	44	0.10	20.37	16.11	9.65	10.45	681	114
Faulkton	62	-3	84	41	0.41	11.86	6.94	0.39	0.93	652	80
Mobridge	64	-1	81	43	0.44	9.28	5.57	-0.24	0.30	716	164
Roscoe	62	-2	82	43	0.27	13.09	9.16	1.89	2.91	602	107
Northeast											
Britton	65	1	84	45	0.49	17.40	13.08	6.75	7.39	693	107
Clear Lake	62	-2	86	44	0.31	15.46	9.17	1.61	2.43	608	119
Sisseton	65	0	83	45	0.68	18.43	11.74	6.22	5.84	672	117
Watertown	64	1	86	43	0.08	14.58	9.27	3.14	3.40	681	204
Webster	63	-1	82	44	0.22	16.67	9.94	5.67	4.38	601	104
West Central											
Faith	63	-2	79	43	0.87	8.60	4.97	-2.04	-0.96	600	18
Milesville	63	-2	83	40	1.15	10.16	6.06	-1.26	-0.41	717	102
Philip	66	0	86	39	0.65	9.13	5.21	-1.03	-0.73	748	123
Rapid City	62	0	81	45	0.17	8.64	6.42	-1.43	0.60	541	47
Spearfish	63	1	82	42	1.21	12.83	8.87	-1.02	1.48	665	169
Central											
Chamberlain	63	-3	87	40	0.31	15.23	8.85	2.26	1.63	728	127
Highmore	62	-3	82	39	0.24	11.41	7.26	-0.49	0.60	641	59
Huron	64	-2	86	43	0.08	15.83	10.58	3.84	4.19	737	142
Onida	63	-2	83	41	1.04	14.21	8.87	2.81	3.05	689	107
Pierre	62	-4	83	42	0.77	11.32	7.17	-0.10	0.82	690	54
East Central											
Brookings	63	-1	86	44	0.57	12.58	7.42	1.17	1.08	652	138
Forestburg	64	-2	83	43	0.02	16.71	10.71	3.58	3.58	789	104
Madison	63	-1	87	44	0.24	16.45	10.77	2.68	3.59	683	168
Mitchell	64	-3	87	44	0.01	14.62	7.77	1.31	0.53	761	142
Sioux Falls	65	0	87	46	0.06	16.85	6.85	2.97	-0.39	756	150
Southwest											
Custer	55	-2	73	30	0.38	9.65	6.55	-1.57	0.08	396	29
Hot Springs	61	-2	81	32	0.95	7.92	5.28	-1.93	-0.70	739	107
Oelrichs	62	-2	84	34	0.16	6.50	4.49	-3.84	-1.59	686	73
Porcupine	61	-3	85	34	0.22	8.08	5.00	-1.91	-0.71	684	97
South Central											
Kennebec	66	-2	87	40	0.24	12.69	6.43	2.19	0.35	870	139
Mission	63	-2	85	41	0.92	13.92	7.77	2.40	0.95	716	182
Murdo	63	-2	84	43	0.41	12.23	7.52	0.36	1.20	655	74
Winner	65	-3	85	41	0.15	15.16	7.51	1.20	-0.15	722	-11
Southeast											
Armour	65	-3	86	43	0.76	17.52	9.59	3.67	2.23	838	100
Centerville	63	-4	87	45	0.62	15.28	8.84	1.53	1.39	772	130
Pickstown	63	-4	87	40	0.09	16.46	9.13	2.94	1.46	762	109
Vermillion	66	-3	89	47	0.65	15.72	7.41	1.39	-0.30	898	97
Yankton	64	-3	89	45	0.25	16.37	6.88	2.29	-0.86	777	107

DATA AND MAP SOURCE: State Climate Office of South Dakota