

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service

South Dakota Field Office

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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 22, 2008
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AGRICULTURAL SUMMARY

Dry weather across the state helped in furthering the progress of late season planting, the cutting of hay and crop progress in several commodities. There were 6.0 days suitable for fieldwork in the past week. Farm activities focused on attempting to complete the planting of soybeans, the cutting of alfalfa and other hay, application of fertilizer and chemicals, and general care of livestock.

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

WEATHER INFORMATION

As usually happens during this time of the year, precipitation becomes more isolated in thunderstorm events, according to the State Climate Office of South Dakota. During the previous week precipitation mainly occurred over the southwest half of state. Most of the amounts were less than an inch. But some locations did receive over 2 inches. The highest reported amount was at Custer, with 2.51 inches. Many locations again reported no measureable precipitation for the week. Some places in the east are reporting being a little dry. But none of these reports seem to be critical at this point.

Some of the thunderstorms did produce severe weather, mainly large hail. Areas reporting large hail were fairly widespread across the state. Gregory County did report some crop damage because of hail. Temperatures again were below average overall ranging from near average at Britton and Sioux Falls to 5°F below average at Kennebec. These temperatures continue to contribute to below average GDD accumulation.

SOIL CONDITION

Topsoil moisture in the surplus category decreased 13 percentage points, to 13 percent with 5 percent rated short or very short. Subsoil moisture also decreased to 10 percent surplus, compared to 18 percent last week. Eight percent of the state is rated short or very short for subsoil moisture.

FIELD CROPS REPORT

Dry weather across the state helped the advancement of many field crops in South Dakota. Corn emerged advanced to 98 percent complete, with the average corn height now estimated at 11 inches. Soybeans emerged has progressed to 79 percent, still 14 percentage points behind the five-year average. Winter wheat acreage is now estimated at 87 percent headed, with several reporters commenting on fungal and bacterial diseases that may have an impact on winter wheat production.

LIVESTOCK, PASTURE, AND RANGE REPORT

The first cutting of alfalfa is 48 percent complete. Some areas reported very good quality hay and other areas reported hay ground too wet to cut or of poor quality, due to earlier cool and wet conditions. Range and pasture conditions continue to improve, this week rated at 86 percent good to excellent, 29 percentage points higher than the five-year average. Feed supplies also remain in good condition, currently rated at 94 percent adequate to surplus. Stock water supplies remain high at 94 percent adequate to surplus. Cattle condition remained stable at 92 percent good to excellent. Sheep condition improved last week, now rated at 95 percent good to excellent.

Feed and Water Supplies Comparison as of June 22, 2008

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	2	7	1	6	14
Short	5	9	16	5	10	20
Adequate	88	81	72	79	68	59
Surplus	6	8	5	15	16	7

Soil Moisture Condition Comparison as of June 22, 2008

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	1	0	1	2	1	4
Short	4	1	4	6	5	7
Adequate	82	73	75	82	76	72
Surplus	13	26	20	10	18	17

Crop and Livestock Conditions as of June 22, 2008

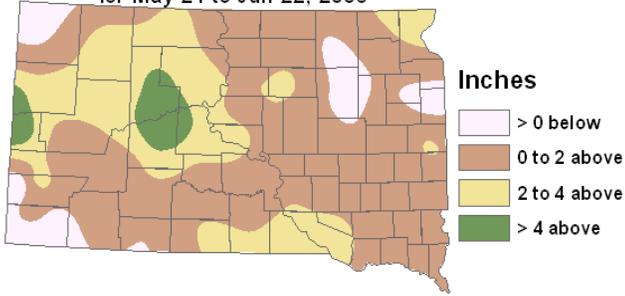
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	4	2	19	56	19
Spring Wheat	2	2	16	59	21
Barley	2	1	22	67	8
Oats	2	2	14	66	16
Corn	1	4	20	62	13
Soybeans	1	2	23	62	12
Sorghum	2	3	21	66	8
Sunflower	1	4	41	49	5
Alfalfa	3	2	18	58	19
Cattle	0	1	7	70	22
Sheep	0	0	5	65	30
Range & Pasture	1	2	11	64	22

Crop Progress as of June 22, 2008 ¹

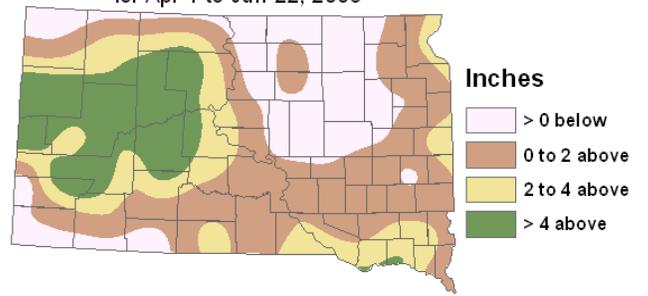
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	99	91	100	100
Headed	87	54	99	97
Turning Color	4	2	46	34
Barley				
Boot	69	18	92	85
Headed	14	3	38	44
Turning Color	0	0	1	1
Oats				
Boot	76	53	94	88
Headed	22	7	58	52
Turning Color	1	0	1	2
Spring Wheat				
Boot	79	49	93	90
Headed	25	12	55	55
Turning Color	0	0	1	2
Corn				
Emerged	98	92	100	100
Ave. Height (in.)	11	6	22	16
1st cult./spray	73	50	87	83
2nd cult./spray	16	3	28	22
Soybeans				
Planted	96	87	99	98
Emerged	79	60	94	93
Blooming	0	0	1	0
Sorghum				
Planted	94	73	93	92
Emerged	63	33	76	57
Sunflower				
Planted	81	46	74	84
Alfalfa				
1st Cutting	48	25	69	65
2nd Cutting	0	0	1	2
Other Hay				
Cut	20	9	23	26

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for May 24 to Jun 22, 2008



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Jun 22, 2008



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 22, 2008

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	65	-2	82	40	0.00	12.30	9.84	0.68	2.91	645	-102
Buffalo	66	2	82	50	0.02	8.52	6.92	-2.58	-0.23	529	-68
Dupree	66	-2	84	42	0.00	16.12	13.53	4.18	6.08	684	-84
McIntosh	64	-3	79	42	0.28	8.58	7.08	-1.84	0.60	550	-219
Newell	65	-2	81	47	0.25	15.93	12.94	5.31	6.43	570	-157
Timber Lake	64	-3	79	42	0.00	14.24	11.96	2.01	4.72	672	-75
North Central											
Aberdeen	66	-2	84	41	0.01	8.97	4.51	-3.22	-2.59	696	-77
Faulkton	66	-2	82	44	0.21	11.20	7.31	-1.43	0.17	662	-117
Mobridge	67	-1	82	50	0.06	9.95	7.17	-0.79	0.70	659	-99
Roscoe	65	-2	81	42	0.48	12.85	8.69	0.24	1.06	600	-84
Northeast											
Britton	67	0	84	44	0.00	10.42	6.55	-1.63	-0.52	699	-85
Clear Lake	65	-2	80	47	0.00	15.63	9.86	-0.05	1.33	574	-111
Sisseton	66	-1	80	51	0.00	14.73	9.11	1.17	1.89	643	-116
Watertown	64	-2	81	47	0.00	12.56	7.69	-0.59	0.14	579	-85
Webster	66	-1	80	47	0.00	13.51	7.93	1.05	0.94	593	-103
West Central											
Faith	66	-3	82	52	0.05	14.00	11.70	2.24	4.68	586	-208
Milesville	65	-4	85	42	0.03	16.69	13.59	4.04	5.92	704	-129
Philip	67	-2	84	51	0.70	16.03	12.10	4.71	5.03	743	-100
Rapid City	64	-2	82	47	0.73	15.83	13.37	4.59	6.40	549	-125
Spearfish	65	-1	81	50	0.55	23.48	17.07	8.04	8.12	587	-93
Central											
Chamberlain	67	-1	85	53	0.02	18.00	10.37	3.67	1.82	744	-73
Highmore	65	-3	82	41	0.36	12.93	6.90	-0.28	-1.04	635	-152
Huron	66	-3	83	42	0.12	12.85	7.14	-0.49	-0.57	746	-67
Onida	65	-3	83	44	0.10	14.43	8.57	1.73	1.48	684	-104
Pierre	65	-4	83	43	1.10	16.94	10.10	4.08	2.33	707	-157
East Central											
Brookings	65	-2	83	46	0.00	16.10	10.60	2.89	2.48	615	-98
Forestburg	66	-4	83	46	0.23	15.40	9.21	0.92	0.76	831	-89
Madison	66	-1	83	47	0.00	15.28	8.75	-0.08	0.01	623	-89
Mitchell	69	-1	85	53	0.29	16.30	9.71	1.52	1.03	827	-24
Sioux Falls	69	0	88	48	0.03	19.33	9.77	4.00	1.11	804	-17
Southwest											
Custer	58	-3	77	36	2.51	13.94	9.84	1.42	2.10	408	-101
Hot Springs	64	-3	84	46	0.74	12.08	7.83	1.12	0.76	693	-132
Oelrichs	65	-3	90	47	0.63	9.87	7.09	-1.61	-0.11	681	-134
Porcupine	66	-1	86	48	0.94	11.57	8.66	0.36	1.75	702	-82
South Central											
Kennebec	66	-5	86	43	0.11	13.85	8.31	2.12	1.03	839	-136
Mission	65	-3	84	48	0.23	16.71	10.54	3.87	2.43	674	-67
Murdo	67	-2	84	49	0.63	16.09	9.71	2.84	2.04	687	-110
Winner	67	-4	84	51	0.18	16.49	9.50	1.18	0.52	762	-219
Southeast											
Armour	69	-3	85	51	0.37	17.47	9.46	2.26	0.78	823	-166
Centerville	69	-2	89	50	0.14	19.74	11.55	4.37	2.51	795	-84
Pickstown	67	-4	85	50	1.10	20.80	12.14	5.84	3.06	779	-112
Vermillion	69	-4	88	50	0.28	20.28	10.93	4.48	1.78	938	-125
Yankton	69	-2	88	49	0.22	23.17	13.36	7.49	4.06	867	-41

DATA AND MAP SOURCE: State Climate Office of South Dakota