

South Dakota Weekly Crop Weather Report

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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Rain held up field work in some areas, and hail damage was reported in a few counties from storms early in the week but warmer temperatures help crop development. There were 4.7 days suitable for field work this week. Major farm activities included finishing of soybean and sorghum planting, as well as some spraying of corn and small grains.

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

WEATHER INFORMATION

Temperatures rebounded last week to be above average over nearly the whole state. Only a few western stations were slightly below average, according to the State Climate Office of South Dakota. The rest of the state ranged from 1 – 4 ° F above average. Most of the state reached the upper 80's to low 90's last week. The highest daily temperature was 91° F at Pickstown and Yankton. Custer reported the lowest temperature at 45°F. The above average temperatures helped to reduce the GDD deficit. But all locations in the state are below average on GDD accumulation since April 1. Average daily GDD accumulation at this time of year is 15-18 per day. This puts locations from a couple days behind to nearly 10 days behind for the season.

Most of the state reported precipitation. The far southwest corner received the least precipitation. Oelrichs reported no measureable precipitation. Yankton reported the highest amount at 3.46 inches. Average weekly accumulation at this time of year is about 2/3 of an inch in the west to about an inch in the east. Most of the state is below average precipitation accumulation since April 1. Cooler spring temperatures and heavier precipitation last fall have offset that issue. Recent precipitation has also allowed reduction in the D0 (Abnormally Dry) areas of the state on the US Drought Monitor map again last week.

SOIL CONDITION

Topsoil moisture is at 71 percent in the adequate to surplus categories this week, down 3 percentage points. This week subsoil moisture is at 72 percent in the adequate to surplus categories, decreasing by 3 percentage points from last week. Subsoil moisture is behind the five-year average and last years average by 4 and 20 percentage points respectively.

FIELD CROPS REPORT

Soybeans are 96 percent planted, up 3 percentage point from last week. Ninety percent of the soybeans have emerged, 14 percentage points ahead of last years average. Sorghum comes in at 93 percent planted, a solid 10 percentage point jump from last week, and is 67 percent emerged. Corn is 99 percent emerged this week, equal with the five-year average. Corn height on average is at 10 inches, growing 4 inches the past week. Sixty-eight percent of the corn has been cultivated/sprayed once, compared to 70 percent last year and five-year average at 79 percent. Winter wheat is at 88 percent headed, compared to 82 percent last year and 94 percent for the five-year average. Spring wheat in the boot stage is at 78 percent, behind the five-year average by 8 percentage points. Thirty-nine percent of spring wheat has headed as of this week, a 28 percentage point increase from last week.

Feed and Water Supplies Comparison as of June 21, 2009

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	7	1	6	1	1	11
Short	6	5	13	4	5	15
Adequate	82	88	75	87	78	64
Surplus	5	6	6	8	16	10

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep are rated at 87 percent in the good to excellent conditions, a 6 percentage point increase from last week. Cattle rated at 85 percent in the good to excellent conditions, also up 6 percentage points. Pasture and range conditions are at 73 percent in the good to excellent categories, ahead of the five-year average by 9 percentage points.

Soil Moisture Condition Comparison as of June 21, 2009

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	7	3	1	6	4	2
Short	22	23	4	22	21	6
Adequate	64	68	80	68	72	81
Surplus	7	6	15	4	3	11

Crop and Livestock Conditions as of June 21, 2009

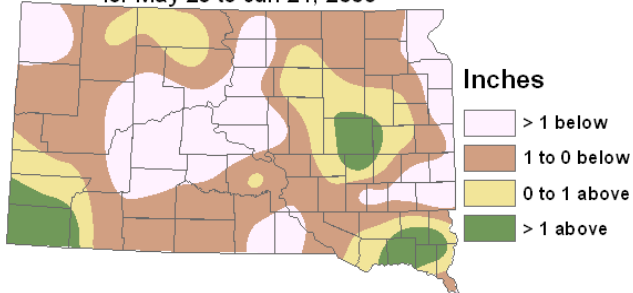
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	3	13	26	50	8
Spring Wheat	1	8	22	58	11
Barley	0	6	19	64	11
Oats	0	13	21	55	11
Corn	0	7	28	57	8
Soybeans	0	11	30	54	5
Sorghum	0	1	31	65	3
Sunflower	0	5	26	66	3
Alfalfa	1	8	23	60	8
Cattle	0	2	13	69	16
Sheep	0	1	12	68	19
Range & Pasture	3	5	19	59	14

Crop Progress as of June 21, 2009 ¹

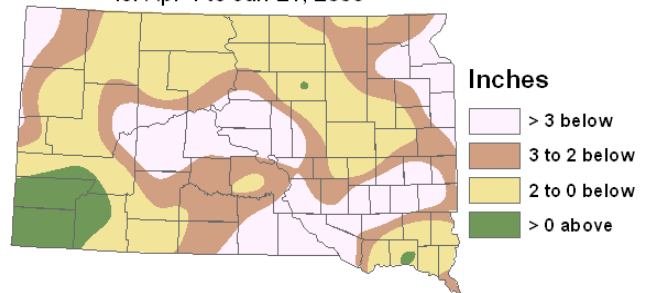
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	99	93	98	99
Headed	88	63	82	94
Turning Color	4	0	4	27
Barley				
Boot	78	56	62	79
Headed	36	18	12	35
Turning Color	0	0	0	1
Oats				
Boot	76	57	73	84
Headed	30	14	20	44
Turning Color	0	0	1	1
Spring Wheat				
Boot	78	58	75	86
Headed	39	11	23	46
Turning Color	0	0	0	1
Corn				
Emerged	99	94	97	99
Ave. Height (in.)	10	6	10	15
1st cult./spray	68	51	70	79
2nd cult./spray	11	3	14	19
Soybeans				
Planted	96	93	95	97
Emerged	90	72	76	88
Sorghum				
Planted	93	83	91	91
Emerged	67	54	59	66
Sunflower				
Planted	82	66	76	79
Alfalfa				
1st Cutting	51	32	45	57
Other Hay				
Cut	16	11	18	22

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for May 23 to Jun 21, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Jun 21, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 21, 2009

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	67	0	82	47	1.12	15.28	5.31	3.77	-1.53	628	-102
Buffalo	66	3	83	50	0.28	10.52	4.03	-0.46	-3.02	541	-42
Dupree	69	2	85	55	0.37	14.01	6.61	2.21	-0.73	681	-68
McIntosh	68	1	85	53	0.84	12.37	5.16	2.07	-1.22	588	-162
Newell	65	-2	79	51	0.33	12.03	5.54	1.52	-0.88	563	-146
Timber Lake	68	1	83	52	1.91	14.56	5.87	2.46	-1.27	686	-44
North Central											
Aberdeen	68	0	85	51	1.76	13.27	4.69	1.23	-2.29	671	-84
Faulkton	69	2	86	56	2.24	13.79	7.04	1.28	-0.01	685	-76
Mobridge	69	2	88	54	0.06	11.79	5.15	1.17	-1.22	652	-87
Roscoe	68	2	83	53	1.96	14.02	6.38	1.55	-1.14	628	-39
Northeast											
Britton	68	1	85	53	1.43	16.29	4.90	4.38	-2.05	615	-152
Clear Lake	69	2	83	58	0.11	15.93	4.11	0.43	-4.28	597	-71
Sisseton	71	4	90	57	0.70	15.80	4.06	2.38	-3.05	680	-61
Watertown	69	3	84	51	0.49	13.51	4.66	0.53	-2.75	609	-39
Webster	70	3	85	58	0.69	13.13	3.50	0.82	-3.37	621	-58
West Central											
Faith	68	0	84	52	0.15	10.68	4.89	-0.96	-2.04	583	-192
Milesville	70	1	90	53	0.15	9.97	2.87	-2.55	-4.70	710	-103
Philip	71	3	89	51	0.72	10.05	3.61	-1.15	-3.37	732	-91
Rapid City	65	0	84	50	0.30	12.88	6.75	1.75	-0.13	564	-93
Spearfish	67	1	83	53	1.24	15.62	6.04	0.33	-2.79	644	-19
Central											
Chamberlain	72	3	88	54	1.04	11.92	5.21	-2.27	-3.23	761	-37
Highmore	71	3	88	54	0.21	8.97	3.59	-4.10	-4.24	670	-98
Huron	70	1	86	51	2.03	16.19	6.71	2.99	-0.89	726	-68
Onida	71	3	90	54	0.10	9.40	3.10	-3.17	-3.89	678	-92
Pierre	72	3	89	51	0.01	10.56	3.96	-2.17	-3.70	723	-121
East Central											
Brookings	69	2	84	53	1.01	14.09	5.66	1.04	-2.32	621	-74
Forestburg	71	1	87	55	1.25	15.17	6.86	0.83	-1.48	838	-61
Madison	70	4	89	52	1.33	12.58	5.03	-2.62	-3.58	705	11
Mitchell	72	3	87	59	1.29	13.42	4.13	-1.21	-4.43	817	-13
Sioux Falls	71	3	88	55	1.19	14.94	5.61	-0.25	-2.94	763	-40
Southwest											
Custer	59	-1	74	45	0.03	11.81	8.15	-0.58	0.51	391	-106
Hot Springs	66	0	83	49	0.06	12.65	8.52	1.80	1.54	725	-82
Oelrichs	67	0	84	48	0.00	15.23	8.29	3.86	1.18	693	-104
Porcupine	66	0	85	46	0.05	14.28	6.79	3.19	-0.02	679	-87
South Central											
Kennebec	70	-1	86	50	0.67	11.67	5.33	0.07	-1.85	823	-130
Mission	69	2	85	54	0.52	12.28	5.61	-0.43	-2.40	667	-55
Murdo	71	3	85	58	0.22	12.68	5.44	-0.43	-2.12	701	-76
Winner	71	0	87	56	0.54	11.85	5.36	-3.32	-3.51	772	-187
Southeast											
Armour	72	1	88	57	1.95	12.18	5.30	-2.88	-3.27	777	-191
Centerville	71	1	90	56	2.29	17.78	8.50	2.57	-0.41	767	-91
Pickstown	71	1	91	57	1.74	12.86	4.48	-1.96	-4.49	774	-95
Vermillion	74	1	90	57	1.61	18.67	7.43	3.02	-1.60	913	-127
Yankton	71	1	91	53	3.46	19.71	9.28	4.20	0.11	812	-75

DATA AND MAP SOURCE: State Climate Office of South Dakota