

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Warmer, drier weather helped with row crop development, harvesting of small grains and cutting of alfalfa; but insects are now becoming a hindrance for both crops and livestock. There were 6.4 days suitable for field work last week. Major farm activities included continuing of hay cutting, small grain harvest, and checking on progress of row crops.

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

WEATHER INFORMATION

Weather was fairly quiet for the week over the state with only scattered thunderstorms with isolated heavy rainfall and very few severe weather reports, according to the State Climate Office of South Dakota. Highmore reported the most precipitation for the week at 1.60 inches. Most stations reported much below average precipitation with eight stations having no precipitation.

Despite a few days with highs in the 90's, temperatures continued their cool trend across the state. Nearly the whole state was below average temperature for the 4th consecutive week. Oelrichs had the high temperature for the week at 99° F, while Porcupine had the low at 41° F. The colder temperatures statewide leave the state behind average on GDD accumulation by 2 to 15 days depending on the location.

The colder than average temperature continues to balance the generally below average precipitation over most of the state. Although several areas are several inches below average precipitation accumulation, only the far northeast corner and a small pocket around Pierre have D0 designations on the current US Drought Monitor.

SOIL CONDITION

Topsoil dried out this week rating at 63 percent in the adequate to surplus range, dropping 15 percentage points from last week and behind the 81 percent rating a year ago. Subsoil dropped as well rated at 61 percent in the adequate to surplus range, 20 percentage points behind last year's rating.

FIELD CROPS REPORT

Favorable weather conditions last week helped advance crop development. Soybeans were at 78 percent blooming, 13 percentage points ahead of last year. Soybeans setting pods were at 19 percent, ahead of last year's 8 percent. Sorghum was at 17 percent headed, ahead of the 4 percent last year. Eighty-six percent of winter wheat was ripe, 11 points ahead of last year. Harvested winter wheat was at 40 percent last week, ahead of last year's 19 percent, but behind the five-year average of 69 percent. Spring wheat came in at 85 percent tuning color last week, up 6 percentage points from a year ago. Oats were at 82 percent turning color last week compared to 87 percent a year ago. Thirty-seven percent of oats were rated as ripe, behind the five-year average of 61 percent. Oats harvested were at 5 percent for last week, behind the five year average by 28 percentage points. Last week 36 percent of corn was tasseled compared to 39 percent a year ago. Corn silked was at 15 percent, behind last year by 2 percentage points. Eighty-eight percent of corn has been cultivated or sprayed twice as of last week, behind the five-year average of 96 percent.

Feed and Water Supplies Comparison as of July 26, 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	1	0	7	1	1	15
Short	5	3	16	9	11	22
Adequate	86	83	70	83	70	57
Surplus	8	14	7	7	18	6

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle rated at 84 percent in the good to excellent condition, behind last year's rating of 92 percent but ahead of the five-year average by 2 percentage points. Sheep rated at 86 percent in the good to excellent condition, behind the five-year average by 2 percentage points as well. Range and pasture rated at 72 percent in good to excellent condition, behind last year's rating of 80 percent.

Soil Moisture Condition Comparison as of July 26, 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	8	4	1	12	7	1
Short	29	18	18	27	21	18
Adequate	57	71	75	56	63	73
Surplus	6	7	6	5	9	8

Crop and Livestock Conditions as of July 26, 2009

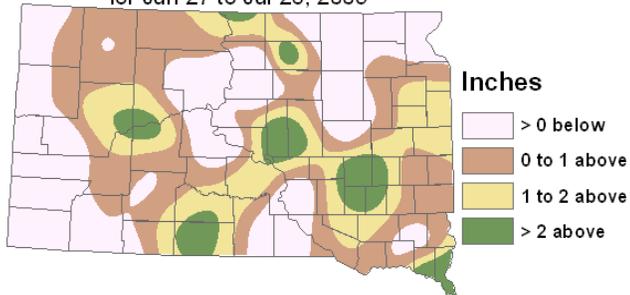
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	4	9	33	43	11
Spring Wheat	2	8	27	49	14
Barley	1	9	25	50	15
Oats	0	6	29	50	15
Corn	1	4	22	54	19
Soybeans	2	3	24	60	11
Sorghum	1	1	17	69	12
Sunflower	1	4	22	63	10
Alfalfa	4	10	24	46	16
Cattle	0	1	15	63	21
Sheep	0	1	13	63	23
Range & Pasture	4	5	19	56	16

Crop Progress as of July 26, 2009 ¹

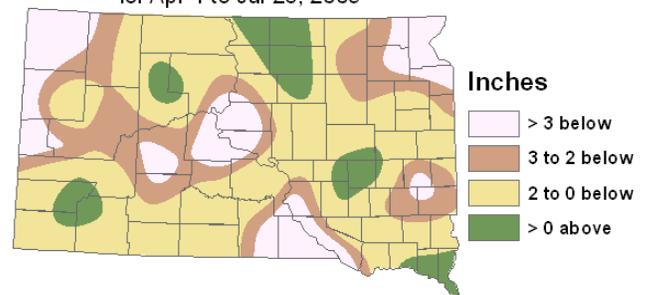
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Ripe	86	46	75	92
Harvested	40	5	19	69
Barley				
Turning Color	77	55	85	91
Ripe	14	1	17	44
Harvested	0	0	1	14
Oats				
Turning Color	82	62	87	93
Ripe	37	6	36	61
Harvested	5	1	7	33
Spring Wheat				
Turning Color	85	54	79	93
Ripe	25	1	10	48
Harvested	3	0	0	19
Corn				
2nd cult./spray	88	77	90	96
Tasseled	36	18	39	68
Silked	15	3	17	40
Soybeans				
Blooming	78	50	65	76
Setting Pods	19	5	8	19
Sorghum				
Headed	17	14	4	31
Sunflower				
Blooming	8	5	2	10
Alfalfa				
2nd Cutting	63	31	54	67
Other Hay				
Cut	80	69	75	82

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Jun 27 to Jul 26, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Jul 26, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, July 26, 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		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	72	0	94	51	0.00	17.56	7.59	3.27	-2.03	1,256	-206
Buffalo	71	1	96	51	0.01	12.09	5.60	-1.72	-4.28	1,184	-19
Dupree	72	-1	94	51	0.08	18.60	11.20	3.93	0.99	1,361	-131
McIntosh	68	-4	94	50	0.02	15.63	8.42	2.48	-0.81	1,166	-321
Newell	70	-3	95	49	0.00	13.85	7.36	0.91	-1.49	1,231	-224
Timber Lake	70	-2	95	51	0.04	17.52	8.83	2.42	-1.31	1,338	-133
North Central											
Aberdeen	68	-4	87	49	0.09	16.69	8.11	1.13	-2.39	1,321	-180
Faulkton	69	-4	91	50	0.05	17.05	10.30	1.60	0.31	1,316	-197
Mobridge	69	-4	93	48	0.01	14.93	8.29	1.54	-0.85	1,320	-191
Roscoe	68	-3	90	54	0.03	19.79	12.15	3.94	1.25	1,241	-136
Northeast											
Britton	67	-4	85	51	0.10	19.97	8.58	4.11	-2.32	1,193	-297
Clear Lake	67	-4	81	56	0.70	22.52	10.70	2.81	-1.90	1,187	-183
Sisseton	69	-3	86	55	0.09	17.82	6.08	0.73	-4.70	1,298	-182
Watertown	66	-4	82	54	0.73	18.37	9.52	1.76	-1.52	1,215	-117
Webster	68	-4	84	57	0.25	17.53	7.90	1.01	-3.18	1,239	-163
West Central											
Faith	71	-3	94	54	0.30	14.66	8.87	-0.09	-1.17	1,259	-296
Milesville	71	-3	95	53	0.25	15.61	8.51	-0.31	-2.46	1,416	-181
Philip	73	-1	98	50	0.11	12.84	6.40	-1.10	-3.32	1,477	-123
Rapid City	70	-2	94	49	0.00	14.66	8.53	1.03	-0.85	1,213	-156
Spearfish	69	-3	92	50	0.00	17.15	7.57	-1.06	-4.18	1,358	-26
Central											
Chamberlain	73	-2	90	54	0.13	15.51	8.80	-2.15	-3.11	1,517	-58
Highmore	69	-4	91	52	1.60	15.37	9.99	-1.47	-1.61	1,349	-170
Huron	69	-4	85	54	0.34	19.74	10.26	3.11	-0.77	1,427	-151
Onida	71	-2	96	53	0.00	12.57	6.27	-3.19	-3.91	1,327	-198
Pierre	73	-2	97	54	0.23	13.15	6.55	-2.95	-4.48	1,453	-204
East Central											
Brookings	65	-5	81	51	0.26	19.33	10.90	2.39	-0.97	1,238	-158
Forestburg	68	-6	84	53	0.00	21.70	13.39	3.98	1.67	1,551	-156
Madison	66	-4	84	47	0.24	16.74	9.19	-2.16	-3.12	1,332	-66
Mitchell	71	-3	86	57	0.20	20.06	10.77	2.16	-1.06	1,577	-64
Sioux Falls	69	-4	85	52	0.08	18.86	9.53	0.21	-2.48	1,456	-122
Southwest											
Custer	64	-2	85	42	0.04	14.01	10.35	-1.85	-0.76	916	-112
Hot Springs	71	-1	93	47	0.11	14.04	9.91	0.17	-0.09	1,423	-89
Oelrichs	72	-2	99	47	0.00	16.44	9.50	2.46	-0.22	1,391	-145
Porcupine	70	-3	95	41	0.00	17.10	9.61	2.85	-0.36	1,331	-173
South Central											
Kennebec	70	-6	91	50	0.33	16.44	10.10	1.58	-0.34	1,558	-211
Mission	73	0	91	58	0.07	17.80	11.13	1.64	-0.33	1,420	-73
Murdo	73	-1	94	55	0.51	16.38	9.14	-0.14	-1.83	1,459	-105
Winner	73	-3	92	54	0.03	16.31	9.82	-2.68	-2.87	1,534	-259
Southeast											
Armour	69	-7	87	53	0.67	18.20	11.32	-0.53	-0.92	1,494	-311
Centerville	67	-6	86	51	0.45	21.98	12.70	2.76	-0.22	1,456	-212
Pickstown	71	-4	89	52	0.10	16.71	8.33	-1.51	-4.04	1,498	-199
Vermillion	69	-6	87	53	0.79	25.95	14.71	6.32	1.70	1,638	-252
Yankton	70	-4	89	55	0.31	23.85	13.42	4.36	0.27	1,549	-153

DATA AND MAP SOURCE: State Climate Office of South Dakota