

South Dakota Weekly Crop Weather Report

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Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Dry weather helped make good progress in the small grains harvest last week, as there were 6.7 days suitable for field work. Major farm activities include caring for livestock, harvesting small grains, and starting to cut silage.

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 very quiet with dry and cool conditions over the state during the week, according to the State Climate office of South Dakota. Dry conditions prevailed nearly everywhere as a large number of stations reported no precipitation for the week. There were also no severe weather reports. The areas that did receive precipitation were in the southwest, southeast and eastern edge of the state. Porcupine reported the highest total at 0.49 inch. Many seasonal precipitation totals are below average at this point, ranging to several inches below average since April 1. The cooler temperatures have limited the impacts throughout most of the season in these locations.

Temperatures were below average over most of the state. The eastern areas were the worst at 2-6° F below average. Western areas were not quite as cold being near average to 2° F below. Growing degree days are well behind average, ranging from 1-3 weeks behind on accumulation. Cool temperatures occurred over the weekend mainly in the eastern part of the state with several places falling into the 30s. Madison, Britton and Sisseton fell to 37° F. Bison, Newell, and Oelrichs had the highest temperatures at 94° F.

SOIL CONDITION

Topsoil rated at 77 percent in the adequate to surplus range last week, compared to 55 percent in 2008 and 54 percent for the five-year average. Subsoil was rated at 68 percent in the adequate to surplus range, compared to 63 percent last year and 50 percent for the five-year average.

FIELD CROPS REPORT

Ninety-eight percent of the corn is in the silked stage, compared to 100 percent last year and for the five-year average. Sixty-eight percent is in the dough stage, compared to 80 percent last year and 85 percent for the five-year average. Eleven percent of corn is in the dent stage, compared to the five-year average of 46 percent. Ninety-five percent of the soybeans are setting pods, compared to 98 percent last year and 98 percent for the five-year average. Soybeans dropping leaves are 11 percent, compared to last years 10 percent and five-year average of 15 percent. Spring wheat harvested is at 91 percent last week, compared to 96 percent in 2008 and 99 percent for the five-year average. Oats are at 92 percent harvested, compared to 100 percent in 2008 and for the five-year average.

Feed and Water Supplies Comparison as of August 30, 2009

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
Very Short	0	0	7	1	2	17
Short	2	6	16	8	11	22
Adequate	83	82	70	81	80	58
Surplus	15	12	7	10	7	3

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle rated at 88 percent in the good to excellent condition, compared to 91 percent in 2008 and 82 percent for the five-year average. Sheep rated at 88 percent in the good to excellent condition, compared to 92 percent in 2008 and 87 percent for the five-year average. Range and pasture rated at 71 percent in the good to excellent condition, compared to 69 percent last year and 42 percent for the five-year average.

Soil Moisture Condition Comparison as of August 30, 2009

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	3	1	8	7	5	7
Short	20	15	37	25	22	30
Adequate	74	79	53	65	68	61
Surplus	3	5	2	3	5	2

Crop and Livestock Conditions as of August 30, 2009

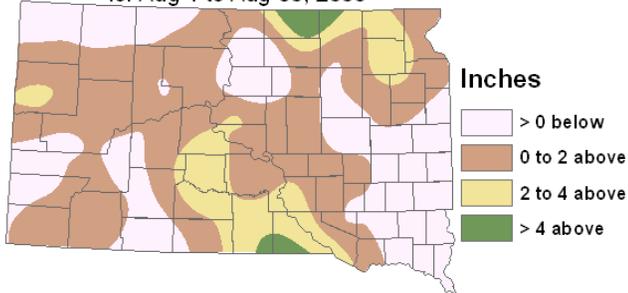
Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Corn	1	7	14	49	29
Soybeans	1	4	25	51	19
Sorghum	0	1	13	62	24
Sunflower	0	4	13	61	22
Alfalfa	3	7	17	59	14
Cattle	0	1	11	64	24
Sheep	0	1	11	62	26
Range & Pasture	2	4	23	54	17

Crop Progress as of August 30, 2009 ¹

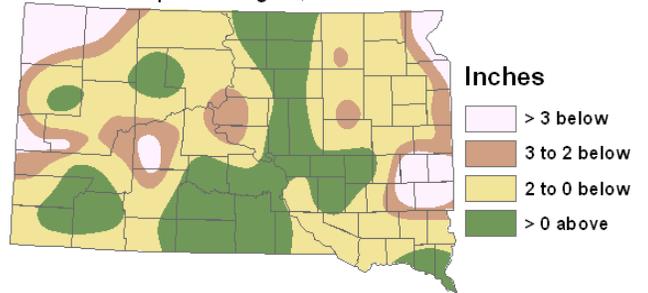
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Seeded	5	0	3	5
Barley				
Ripe	98	94	100	100
Harvested	88	67	95	98
Oats				
Harvested	92	79	100	100
Spring Wheat				
Harvested	91	74	96	99
Corn				
Silked	98	94	100	100
Dough	68	40	80	85
Dent	11	3	33	46
Mature	1	0	1	3
Silage Harvested	2	0	3	17
Soybeans				
Setting Pods	95	91	98	98
Dropping Leaves	11	3	10	15
Sorghum				
Headed	92	85	92	97
Coloring	33	22	51	57
Mature	2	0	0	3
Silage Harvested	0	0	3	21
Sunflower				
Blooming	94	87	97	97
Ray Flowers Dry	33	11	41	41
Bracts Yellow	6	1	11	19
Alfalfa				
2nd Cutting	93	91	94	98
3rd Cutting	46	32	48	55

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Aug 1 to Aug 30, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Aug 30, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 30, 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	68	0	94	45	0.00	18.89	8.92	2.87	-2.43	1,853	-358
Buffalo	66	1	93	44	0.00	13.17	6.68	-2.21	-4.77	1,755	-97
Dupree	68	0	90	47	0.00	20.69	13.29	4.06	1.12	1,976	-258
McIntosh	65	-2	90	44	0.00	17.07	9.86	1.98	-1.31	1,709	-516
Newell	68	0	94	46	0.01	17.23	10.74	2.77	0.37	1,791	-420
Timber Lake	66	-2	90	45	0.00	20.32	11.63	3.03	-0.70	1,925	-292
North Central											
Aberdeen	64	-3	83	40	0.00	19.69	11.11	1.35	-2.17	1,887	-346
Faulkton	63	-4	87	41	0.00	20.15	13.40	1.64	0.35	1,886	-374
Mobridge	66	-2	91	45	0.00	17.45	10.81	1.90	-0.49	1,914	-375
Roscoe	65	-1	87	41	0.00	23.03	15.39	4.43	1.74	1,801	-264
Northeast											
Britton	61	-6	80	37	0.01	24.62	13.23	6.09	-0.34	1,716	-499
Clear Lake	63	-2	90	39	0.14	25.49	13.67	2.25	-2.46	1,751	-297
Sisseton	61	-6	80	37	0.00	22.24	10.50	2.18	-3.25	1,872	-332
Watertown	60	-4	81	40	0.00	22.60	13.75	2.77	-0.51	1,762	-219
Webster	65	0	81	48	0.00	23.64	14.01	3.54	-0.65	1,810	-294
West Central											
Faith	66	-3	91	47	0.00	17.67	11.88	1.28	0.20	1,853	-488
Milesville	69	0	90	47	0.00	17.90	10.80	-0.36	-2.51	2,063	-320
Philip	68	-2	91	42	0.00	14.83	8.39	-1.07	-3.29	2,126	-246
Rapid City	67	-1	90	48	0.00	16.82	10.69	1.32	-0.56	1,802	-308
Spearfish	67	0	93	48	0.00	20.53	10.95	0.39	-2.73	1,948	-165
Central											
Chamberlain	66	-3	87	50	0.00	21.14	14.43	0.84	-0.12	2,183	-171
Highmore	64	-4	87	45	0.00	20.46	15.08	0.95	0.81	1,922	-355
Huron	63	-5	83	41	0.01	21.49	12.01	2.45	-1.43	2,042	-302
Onida	64	-4	89	45	0.00	16.49	10.19	-1.75	-2.47	1,887	-388
Pierre	66	-5	92	47	0.00	17.40	10.80	-0.88	-2.41	2,087	-383
East Central											
Brookings	63	-3	84	40	0.25	21.43	13.00	1.19	-2.17	1,799	-264
Forestburg	65	-4	85	46	0.00	24.61	16.30	4.43	2.12	2,185	-315
Madison	60	-6	82	37	0.15	18.76	11.21	-3.73	-4.69	1,887	-187
Mitchell	65	-3	87	46	0.00	23.27	13.98	2.76	-0.46	2,245	-177
Sioux Falls	63	-4	85	41	0.25	21.46	12.13	-0.56	-3.25	2,088	-234
Southwest											
Custer	61	-1	86	40	0.00	15.94	12.28	-2.69	-1.60	1,385	-188
Hot Springs	68	1	92	44	0.00	16.61	12.48	0.66	0.40	2,064	-144
Oelrichs	68	0	94	44	0.19	18.62	11.68	2.72	0.04	2,018	-257
Porcupine	67	-1	90	44	0.49	20.11	12.62	3.98	0.77	1,965	-268
South Central											
Kennebec	67	-5	92	45	0.00	19.60	13.26	2.37	0.45	2,228	-352
Mission	67	-1	90	43	0.00	21.87	15.20	3.44	1.47	2,039	-220
Murdo	69	0	92	50	0.00	22.35	15.11	3.87	2.18	2,125	-236
Winner	67	-5	89	48	0.00	22.79	16.30	1.23	1.04	2,204	-417
Southeast											
Armour	65	-5	86	47	0.07	21.43	14.55	0.03	-0.36	2,149	-482
Centerville	64	-4	87	41	0.24	25.43	16.15	2.96	-0.02	2,078	-358
Pickstown	65	-5	86	47	0.05	22.77	14.39	1.76	-0.77	2,141	-378
Vermillion	66	-5	87	46	0.32	28.37	17.13	5.50	0.88	2,323	-402
Yankton	65	-4	88	45	0.14	27.12	16.69	4.28	0.19	2,220	-271

DATA AND MAP SOURCE: State Climate Office of South Dakota