

South Dakota Weekly Crop Weather Report

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National Agricultural Statistics Service
South Dakota Field Office
P.O. Box 5068
Sioux Falls, SD 57117-5068
Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Harvesting of small grains slowly continues as wet and damp conditions continue across areas of the state. There were 4.6 days suitable for field work last week. Major farm activities include harvesting of small grains and cutting alfalfa.

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

WEATHER INFORMATION

Except for a couple isolated storm events, the week was generally quiet across the state, according to the State Climate office of South Dakota. Temperatures remained very cool for this time of year. Stations did reach well into the 90s (Oelrichs had the high for the week at 97° F), but overall temperatures were well below average again. Average temperatures ranged from 2 – 9° F below average over the state. In the northeast many stations high temperatures did not get out of the 70s. The lowest temperature reported was at Porcupine at 39° F.

One large storm event did leave heavy precipitation and some minor severe weather across central and northeast South Dakota. Webster fell in the path of the storms leaving a total precipitation of 4.53 inches (over 4 inches of that occurring in one evening). McIntosh and Faulkton reported the lowest at 0.04 inch. Pockets of shorter term dryness do exist in the state. But the US Drought Monitor map now only has small areas of D0 (Abnormally Dry) in Roberts, Lincoln and Minnehaha Counties).

The cool temperatures continue to pull down GDD accumulations. Statewide they range from 8-20 days behind average. These accumulations are behind last year and would be somewhat similar to those in 2004, 1993 and 1992 (years in recent history).

SOIL CONDITION

Topsoil rated at 84 percent in the adequate to surplus range last week, compared to 67 percent in 2008 and 55 percent for the five-year average. Subsoil was rated at 73 percent in the adequate to surplus range, compared to 71 percent last year and 49 percent for the five-year average.

FIELD CROPS REPORT

Ninety-four percent of the corn is in the silked stage, compared to 98 percent last year and 99 percent for the five-year average. Forty percent is in the dough stage, compared to 58 percent last year and 71 percent for the five-year average. Ninety-one percent of the soybeans are setting pods, compared to 92 percent last year. Soybeans dropping leaves are 3 percent, compared to last years 1 percent and five-year average of 6 percent. Spring wheat harvested is at 74 percent last week, compared to 87 percent in 2008 and 95 percent for the five-year average. Oats are at 79 percent harvested, compared to 95 percent in 2008 and 98 percent for the five-year average.

Feed and Water Supplies Comparison as of August 23, 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	0	0	7	0	1	18
Short	2	5	17	8	12	22
Adequate	89	85	70	81	76	56
Surplus	9	10	6	11	11	4

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep rated at 87 percent in the good to excellent condition, compared to 86 percent for the five-year average. Cattle rated at 88 percent in the good to excellent condition, compared to 89 percent in 2008. Range and pasture rated at 71 percent in the good to excellent condition.

Soil Moisture Condition Comparison as of August 23, 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	1	0	4	5	2	4
Short	15	20	28	22	28	25
Adequate	79	75	66	68	66	68
Surplus	5	5	2	5	4	3

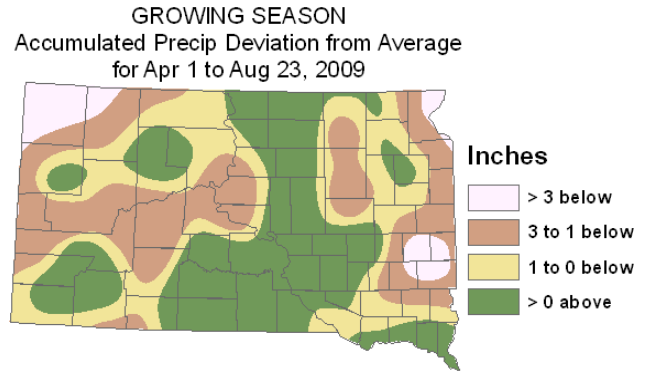
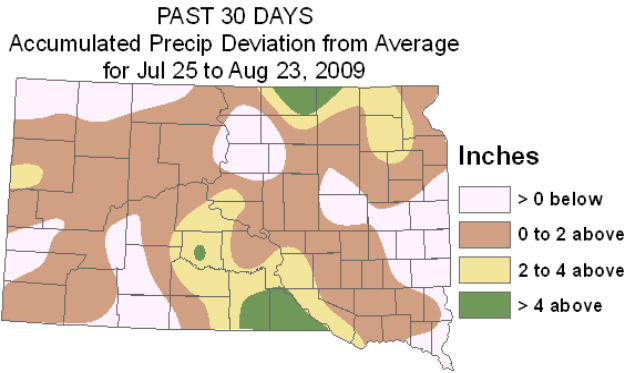
Crop and Livestock Conditions as of August 23, 2009

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring Wheat	2	8	28	54	8
Barley	0	8	22	58	12
Oats	0	6	27	58	9
Corn	1	3	19	52	25
Soybeans	1	3	22	60	14
Sorghum	0	1	16	66	17
Sunflower	0	3	16	66	15
Alfalfa	2	9	19	61	9
Cattle	0	1	11	70	18
Sheep	0	1	12	65	22
Range & Pasture	3	4	22	56	15

Crop Progress as of August 23, 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				
Harvested	97	90	100	100
Barley				
Ripe	94	79	100	100
Harvested	67	43	88	92
Oats				
Ripe	97	91	100	100
Harvested	79	67	95	98
Spring Wheat				
Ripe	98	94	99	100
Harvested	74	66	87	95
Corn				
Silked	94	84	98	99
Dough	40	16	58	71
Dent	3	0	11	26
Mature	0	0	0	1
Silage Harvested	0	0	1	10
Soybeans				
Setting Pods	91	81	92	93
Dropping Leaves	3	2	1	6
Sorghum				
Headed	85	58	87	94
Coloring	22	19	32	40
Mature	0	0	0	1
Silage Harvested	0	0	0	15
Sunflower				
Blooming	87	63	90	92
Ray Flowers Dry	11	3	13	21
Bracts Yellow	1	0	1	6
Alfalfa				
2nd Cutting	91	86	90	95
3rd Cutting	32	19	31	40
Other Hay				
Cut	95	92	95	97

¹ Percents represent all acreage in or beyond each stage.



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 23, 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	Since April 1	
Northwest											
Bison	65	-5	92	44	0.08	18.89	8.92	3.15	-2.15	1,727	-352
Buffalo	66	0	95	44	0.17	13.17	6.68	-1.93	-4.49	1,639	-106
Dupree	64	-6	88	46	0.28	20.69	13.29	4.40	1.46	1,846	-259
McIntosh	62	-7	87	43	0.04	17.07	9.86	2.33	-0.96	1,596	-502
Newell	61	-9	89	44	0.20	17.22	10.73	3.02	0.62	1,668	-410
Timber Lake	64	-6	90	45	0.28	20.32	11.63	3.39	-0.34	1,810	-279
North Central											
Aberdeen	63	-6	83	44	0.24	19.69	11.11	1.84	-1.68	1,780	-330
Faulkton	63	-7	87	45	0.04	20.15	13.40	2.19	0.90	1,781	-350
Mobridge	65	-5	87	43	0.51	17.45	10.81	2.27	-0.12	1,799	-356
Roscoe	61	-7	79	49	0.13	23.03	15.39	4.92	2.23	1,688	-263
Northeast											
Britton	61	-8	77	46	0.20	24.61	13.22	6.57	0.14	1,622	-468
Clear Lake	63	-5	77	47	1.08	25.35	13.53	2.81	-1.90	1,646	-288
Sisseton	63	-5	78	51	0.29	22.24	10.50	2.72	-2.71	1,779	-303
Watertown	63	-4	79	48	1.38	22.60	13.75	3.38	0.10	1,673	-201
Webster	62	-6	77	51	4.53	23.64	14.01	4.14	-0.05	1,698	-289
West Central											
Faith	66	-6	89	47	0.61	17.67	11.88	1.49	0.41	1,736	-463
Milesville	66	-6	92	45	0.45	17.90	10.80	-0.01	-2.16	1,929	-311
Philip	68	-4	95	48	0.16	14.83	8.39	-0.73	-2.95	1,999	-232
Rapid City	65	-5	94	46	0.08	16.82	10.69	1.64	-0.24	1,682	-299
Spearfish	63	-6	86	42	0.32	20.53	10.95	0.74	-2.38	1,829	-160
Central											
Chamberlain	66	-5	84	50	0.49	21.14	14.43	1.33	0.37	2,067	-145
Highmore	63	-7	85	48	0.98	20.46	15.08	1.37	1.23	1,816	-327
Huron	64	-6	84	45	0.20	21.48	12.00	2.86	-1.02	1,939	-275
Onida	61	-9	86	45	0.11	16.49	10.19	-1.33	-2.05	1,783	-361
Pierre	66	-7	90	50	0.37	17.40	10.80	-0.53	-2.06	1,975	-347
East Central											
Brookings	62	-6	76	42	0.33	21.18	12.75	1.58	-1.78	1,699	-251
Forestburg	65	-6	83	44	0.13	24.61	16.30	4.86	2.55	2,073	-285
Madison	62	-5	75	46	0.28	18.61	11.06	-3.18	-4.14	1,800	-159
Mitchell	67	-4	83	49	0.15	23.27	13.98	3.32	0.10	2,134	-153
Sioux Falls	64	-5	79	49	1.00	21.21	11.88	-0.13	-2.82	1,986	-210
Southwest											
Custer	62	-2	91	40	0.07	15.94	12.28	-2.23	-1.14	1,294	-183
Hot Springs	65	-4	92	42	0.10	16.61	12.48	1.01	0.75	1,936	-150
Oelrichs	63	-8	97	43	0.10	18.43	11.49	2.88	0.20	1,890	-251
Porcupine	67	-3	94	39	0.11	19.62	12.13	3.77	0.56	1,843	-259
South Central											
Kennebec	66	-7	88	48	0.08	19.60	13.26	2.77	0.85	2,109	-320
Mission	63	-7	82	46	0.47	21.87	15.20	3.79	1.82	1,915	-211
Murdo	65	-7	85	49	0.18	22.35	15.11	4.15	2.46	1,994	-224
Winner	67	-6	86	50	0.34	22.79	16.30	1.66	1.47	2,085	-381
Southeast											
Armour	65	-8	81	47	0.38	21.36	14.48	0.45	0.06	2,036	-443
Centerville	63	-7	81	45	0.64	25.19	15.91	3.33	0.35	1,969	-334
Pickstown	64	-8	84	47	0.37	22.72	14.34	2.26	-0.27	2,029	-343
Vermillion	65	-7	81	45	0.29	28.05	16.81	5.79	1.17	2,205	-368
Yankton	65	-6	84	48	0.56	26.98	16.55	4.76	0.67	2,110	-242

DATA AND MAP SOURCE: State Climate Office of South Dakota