

South Dakota Weekly Crop Weather Report

Released: September 14, 2009 -- 3:00 p.m. CT
For Week Ending September 13, 2009
SD-CW5837 Volume 58 Issue 37



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

AGRICULTURAL SUMMARY

Planting of winter wheat continued to progress as rains affected only small areas of the state. Silage harvest also continued, as there were 5.8 days suitable for fieldwork this past week. Some of the major farm activities included cutting silage, seeding of winter wheat, general care of livestock, and preparing for the harvest 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

Warmer temperatures across the whole state were welcomed by crops still needing heat to reach maturity, according to the State Climate office of South Dakota. Average temperatures in the mid to upper 60s F were near average to 7° F above average in areas of east central South Dakota. The highest temperature of the week was 92°F at Philip and Oelrichs. The lowest was 33° F at Newell and Custer. The warmer temperatures helped to push late developing crops toward maturity, still developing later than average because of the overall cool summer. Growing degree day accumulations, though, showed only slight improvement across the state, still running well behind average.

Several large precipitation events reached varying parts of the state during the week. Aberdeen and surrounding counties received several inches to more than 4 inches in places. Several other pockets of (1-2)+ inch amounts fell over the Black Hills, in Corson County and in the far southeast corner. The largest total from this published subset of stations was 3.61 inches at Britton. Several stations reported 0.10 inch or less, the least of which was Madison at 0.01 inch. Many stations across the state have several inch deficits for the growing season as a whole. These pockets are scattered in areas across the state. Two of the highest deficits are Buffalo and Sioux Falls at over 4 inches for the growing season.

SOIL CONDITION

Topsoil rated at 68 percent in the adequate to surplus range last week, compared to 62 percent in 2008 and 60 percent for the five-year average. Subsoil was rated at 62 percent in the adequate to surplus range, compared to 64 percent last year and 52 percent for the five-year average.

FIELD CROPS REPORT

Ninety-three percent of the corn is in or beyond the dough stage, compared to 97 percent last year and 98 percent for the five-year average. Fifty-seven percent of corn is in the dent stage, behind last year's 78 percent and five-year average of 83 percent. Corn in the mature stage is at 5 percent, compared to 6 percent last year and 20 percent for the five-year average. Corn harvested for silage is at 17 percent compared to last year's 30 percent and five-year average of 47 percent. Soybeans dropping leaves are 45 percent, compared to last years 41 percent and five-year average of 51 percent. Two percent of the soybean crop is rated mature, with the five-year average at 8 percent.

Feed and Water Supplies Comparison as of September 13, 2009

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	1	0	8	1	2	16
Short	2	6	14	10	14	22
Adequate	84	81	70	85	77	58
Surplus	13	13	8	4	7	4

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep rated at 86 percent in the good to excellent condition, compared to 92 percent in 2008 and 87 percent for the five-year average. Cattle rated at 88 percent in the good to excellent condition, compared to 90 percent in 2008 and 83 percent for the five-year average. Range and pasture rated at 67 percent in the good to excellent condition, compared to 65 percent last year and 42 percent for the five-year average.

Soil Moisture Condition Comparison as of September 13, 2009

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	5	3	3	6	2	5
Short	27	30	35	32	29	31
Adequate	66	65	58	60	68	60
Surplus	2	2	4	2	1	4

Crop and Livestock Conditions as of September 13, 2009

Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	17	55	24
Soybeans	1	4	21	57	17
Sorghum	0	2	16	63	19
Sunflower	0	2	17	62	19
Alfalfa	3	9	20	55	13
Cattle	0	1	11	68	20
Sheep	0	1	13	62	24
Range & Pasture	2	7	24	53	14

Crop Progress as of September 13, 2009 ¹

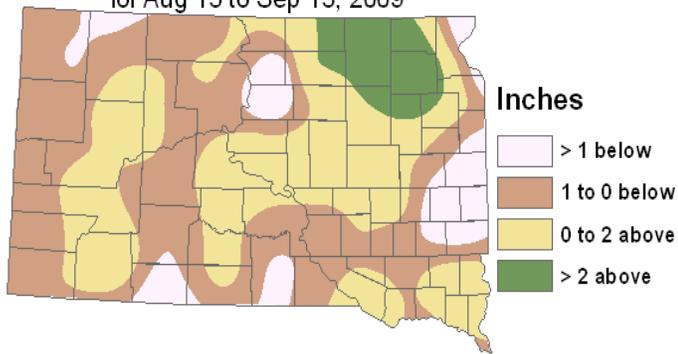
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Seeded	22	14	17	25
Emerged	3	0	1	2
Corn				
Dough	93	85	97	98
Dent	57	42	78	83
Mature	5	2	6	20
Silage Harvested	17	7	30	47
Soybeans				
Dropping Leaves	45	34	41	51
Mature	2	1	1	8
Sorghum				
Coloring	83	51	82	85
Mature	10	8	5	19
Grain Harvested	1	0	0	1
Silage Harvested	25	17	35	50
Sunflower				
Ray Flowers Dry	80	46	81	82
Bracts Yellow	43	12	51	58
Mature	0	0	0	5
Alfalfa				
3rd Cutting	61	56	74	76

¹ Percents represent all acreage in or beyond each stage.

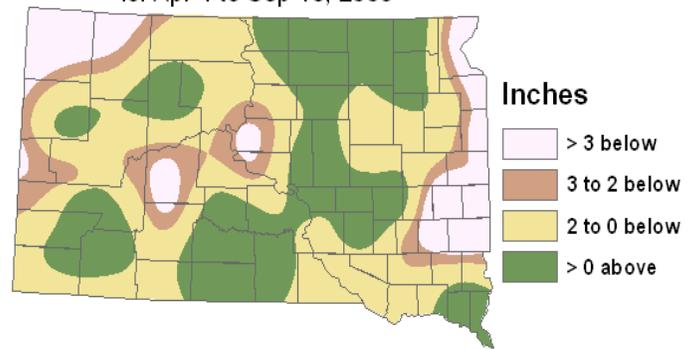
Average Soil Temperatures Week Ending September 13, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	64	Nisland	66
Beresford	66	Oacoma	71
Bowdle	64	Parkston	68
Brookings	68	Pierre	71
Caputa	62	Redfield	63
Cottonwood	72	South Shore	64

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Aug 15 to Sep 13, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Sep 13, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 13, 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	66	3	89	46	0.17	19.18	9.21	2.60	-2.70	2,091	-327
Buffalo	63	4	82	47	0.29	13.68	7.19	-2.26	-4.82	1,990	-39
Dupree	66	3	89	41	0.48	21.36	13.96	4.19	1.25	2,214	-225
McIntosh	63	1	90	40	0.58	17.65	10.44	1.95	-1.34	1,931	-493
Newell	64	1	87	33	0.33	17.56	11.07	2.68	0.28	2,016	-403
Timber Lake	67	5	90	41	0.73	21.26	12.57	3.38	-0.35	2,167	-249
North Central											
Aberdeen	65	4	81	49	3.38	23.11	14.53	3.91	0.39	2,103	-322
Faulkton	66	3	85	47	0.79	20.95	14.20	1.54	0.25	2,100	-365
Mobridge	66	2	86	41	0.58	18.10	11.46	1.91	-0.48	2,158	-339
Roscoe	64	3	82	47	0.58	23.84	16.20	4.43	1.74	1,993	-254
Northeast											
Britton	66	3	79	50	3.61	28.23	16.84	8.72	2.29	1,934	-478
Clear Lake	68	7	80	53	0.29	25.80	13.98	1.34	-3.37	1,967	-255
Sisseton	67	5	82	53	1.13	23.38	11.64	2.34	-3.09	2,100	-293
Watertown	67	7	83	51	0.60	23.32	14.47	2.45	-0.83	1,972	-177
Webster	67	6	80	55	1.90	25.69	16.06	4.64	0.45	2,031	-246
West Central											
Faith	66	1	89	45	0.65	18.67	12.88	1.77	0.69	2,098	-466
Milesville	67	2	89	41	0.40	18.35	11.25	-0.52	-2.67	2,316	-294
Philip	68	4	92	39	0.29	15.12	8.68	-1.34	-3.56	2,395	-205
Rapid City	63	0	87	48	1.45	18.27	12.14	2.24	0.36	2,026	-290
Spearfish	64	2	88	41	0.79	21.32	11.74	0.55	-2.57	2,188	-117
Central											
Chamberlain	68	3	89	51	0.89	22.03	15.32	0.75	-0.21	2,434	-151
Highmore	66	2	87	46	0.84	21.30	15.92	1.01	0.87	2,137	-351
Huron	68	4	83	48	1.51	23.15	13.67	3.27	-0.61	2,279	-272
Onida	64	0	83	41	0.22	16.71	10.41	-2.28	-3.00	2,086	-400
Pierre	67	2	87	47	0.33	17.73	11.13	-1.25	-2.78	2,332	-376
East Central											
Brookings	67	6	82	52	0.09	21.53	13.10	0.03	-3.33	2,003	-239
Forestburg	68	3	81	47	1.13	26.11	17.80	4.97	2.66	2,414	-316
Madison	66	5	81	50	0.01	18.84	11.29	-4.95	-5.91	2,092	-166
Mitchell	69	5	86	51	0.51	24.03	14.74	2.40	-0.82	2,493	-146
Sioux Falls	68	5	82	54	0.08	21.86	12.53	-1.43	-4.12	2,317	-209
Southwest											
Custer	58	0	82	33	1.03	17.02	13.36	-2.35	-1.26	1,568	-172
Hot Springs	65	3	88	39	0.66	17.27	13.14	0.64	0.38	2,301	-123
Oelrichs	66	3	92	43	0.48	19.10	12.16	2.55	-0.13	2,259	-241
Porcupine	65	2	90	39	0.67	20.78	13.29	4.09	0.88	2,203	-250
South Central											
Kennebec	68	2	89	48	0.24	19.84	13.50	1.91	-0.01	2,476	-357
Mission	66	2	87	49	0.33	22.20	15.53	3.07	1.10	2,258	-215
Murdo	69	4	88	47	0.17	22.52	15.28	3.48	1.79	2,376	-214
Winner	68	1	88	51	0.37	23.17	16.68	0.64	0.45	2,453	-430
Southeast											
Armour	67	1	81	50	0.10	21.93	15.05	-0.53	-0.92	2,371	-510
Centerville	68	3	83	53	0.42	27.58	18.30	3.99	1.01	2,295	-358
Pickstown	69	3	82	48	0.10	23.01	14.63	0.88	-1.65	2,374	-383
Vermillion	66	0	82	53	0.21	29.75	18.51	5.71	1.09	2,534	-448
Yankton	68	3	86	53	0.29	28.07	17.64	4.15	0.06	2,442	-277

DATA AND MAP SOURCE: State Climate Office of South Dakota