

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service

South Dakota Field Office

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Cooperating with:

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

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For Week Ending September 20, 2009
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AGRICULTURAL SUMMARY

Warm temperatures last past week helped the row crops progress closer to maturity. A dry week across the state allowed for good progress on winter wheat seeding, as there were 6.8 days suitable for fieldwork in the past week. Some of the major farm activities were cutting silage, seeding winter wheat, caring for livestock, and preparing machinery for the row crop harvest.

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

WEATHER INFORMATION

South Dakota experienced another very warm and very dry week. These conditions were again excellent for helping push summer crops closer to maturity. All of the state saw above average temperatures, ranging from 10-13° F above average in the northwest to a few degrees above average in the southeast. All temperatures averaged in the upper 60s to around 70 statewide. In the northwest part of the state these temperatures would place them in the top five warmest historically for the period September 14th to September 20th. The highest daily temperature was Philip at 94° F; the coldest were Spearfish and Custer at 41° F.

The state received very little rainfall for the week. The Black Hills had some rainfall with Rapid City reporting the most for the state at 0.31 inch. Otherwise, only a few showers were scattered across the state. Of the stations reported here, 34 reported no precipitation for the week. The balance of the station reports were very light weekly totals.

SOIL CONDITION

Topsoil rated at 62 percent in the adequate to surplus range last week, compared to 59 percent in 2008 and 64 percent for the five-year average. Subsoil was rated at 57 percent in the adequate to surplus range, compared to 61 percent last year and 53 percent for the five-year average.

FIELD CROPS REPORT

Ninety-eight percent of the corn is in or beyond the dough stage, compared to 100 percent last year and 99 percent for the five-year average. Seventy-three percent of corn is in the dent stage, behind last year's and the five-year average of 93. Corn in the mature stage is at 11 percent, compared to 22 percent last year and 39 percent for the five-year average. Corn harvested for silage is at 38 percent compared to last year's 56 percent and five-year average of 66 percent. Soybeans dropping leaves are 71 percent, compared to last years 69 percent and five-year average of 74 percent. Eleven percent of the soybean crop is rated mature, compared to 16 percent last year and 23 percent for the five-year average. Fifty percent of the winter wheat seeding is complete, compared to 37 percent last year and 45 percent for the five-year average.

Feed and Water Supplies Comparison as of September 20, 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	2	2	17
Short	2	5	14	8	16	22
Adequate	85	85	72	82	75	57
Surplus	13	10	7	8	7	4

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep rated 89 percent in good to excellent condition, compared to 91 percent in 2008 and 85 percent for the five-

year average. Cattle rated 88 percent in good to excellent condition, equal to last year, but ahead of the five-year average of 83 percent. Range and pasture rated at 67 percent in good to excellent condition, compared to 60 percent last year and 42 percent for the five-year average.

Soil Moisture Condition Comparison as of September 20, 2009

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	8	5	7	9	6	8
Short	30	27	34	34	32	30
Adequate	60	66	55	54	60	57
Surplus	2	2	4	3	2	4

Crop and Livestock Conditions as of September 20, 2009

Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Corn	1	3	15	52	29
Soybeans	1	3	20	59	17
Sorghum	0	2	17	62	19
Sunflower	0	2	16	64	18
Alfalfa	3	7	20	57	13
Cattle	0	1	11	67	21
Sheep	0	1	10	63	26
Range & Pasture	2	8	23	55	12

Crop Progress as of September 20, 2009 ¹

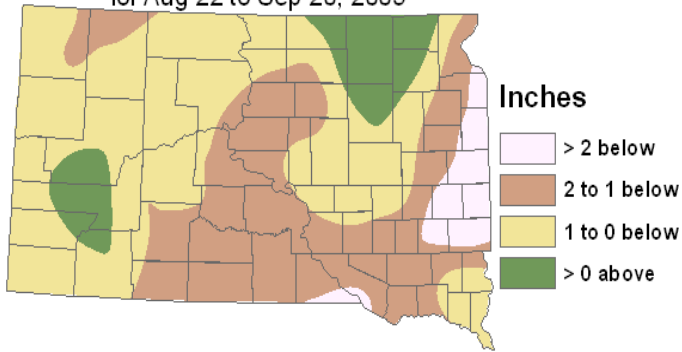
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Seeded	50	22	37	45
Emerged	12	3	4	8
Corn				
Dough	98	93	100	99
Dent	73	57	93	93
Mature	11	5	22	39
Grain Harvested	0	0	0	3
Silage Harvested	38	17	56	66
Soybeans				
Dropping Leaves	71	45	69	74
Mature	11	2	16	23
Harvested	0	0	1	2
Sorghum				
Coloring	84	83	89	92
Mature	22	10	9	36
Grain Harvested	1	1	0	3
Silage Harvested	29	25	62	68
Sunflower				
Ray Flowers Dry	89	80	91	93
Bracts Yellow	67	43	63	74
Mature	5	0	2	12
Harvested	0	0	0	1
Alfalfa				
3rd Cutting	77	61	78	81

¹ Percents represent all acreage in or beyond each stage.

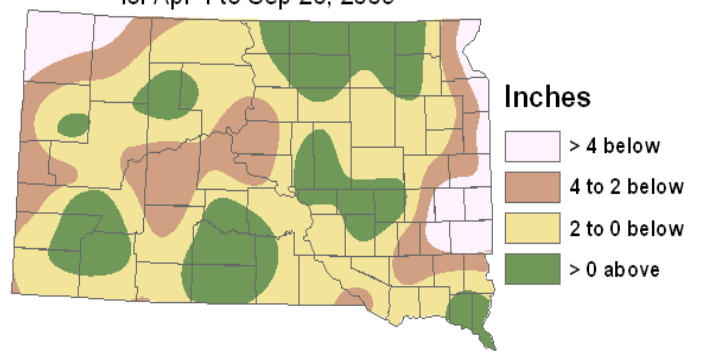
Average Soil Temperatures Week Ending September 20, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	62	Nisland	65
Beresford	65	Oacoma	69
Bowdle	64	Parkston	67
Brookings	68	Pierre	71
Caputa	61	Redfield	62
Cottonwood	71	South Shore	63

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Aug 22 to Sep 20, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Sep 20, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 20, 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			Since April 1
<i>Degrees</i>	<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	69	9	89	48	0.00	19.18	9.21	2.32	-2.98	2,227	-274	
Buffalo	70	13	92	46	0.04	13.72	7.23	-2.50	-5.06	2,125	23	
Dupree	69	10	89	49	0.00	21.36	13.96	3.93	0.99	2,351	-172	
McIntosh	69	9	87	47	0.00	17.65	10.44	1.67	-1.62	2,066	-440	
Newell	66	6	88	44	0.00	17.56	11.07	2.47	0.07	2,138	-369	
Timber Lake	70	10	87	53	0.00	21.26	12.57	3.10	-0.63	2,306	-190	
North Central												
Aberdeen	66	7	83	47	0.07	23.18	14.60	3.56	0.04	2,222	-282	
Faulkton	66	6	86	44	0.00	20.95	14.20	1.15	-0.14	2,223	-326	
Mobridge	70	10	87	54	0.01	18.11	11.47	1.64	-0.75	2,302	-276	
Roscoe	66	8	83	49	0.00	23.84	16.20	4.08	1.39	2,108	-214	
Northeast												
Britton	67	7	80	51	0.00	28.23	16.84	8.23	1.80	2,053	-441	
Clear Lake	66	8	82	51	0.00	25.80	13.98	0.78	-3.93	2,083	-208	
Sisseton	68	9	84	52	0.00	23.38	11.64	1.90	-3.53	2,230	-237	
Watertown	67	9	83	52	0.00	23.32	14.47	1.99	-1.29	2,093	-125	
Webster	67	9	81	55	0.00	25.69	16.06	4.22	0.03	2,156	-187	
West Central												
Faith	69	7	90	49	0.01	18.68	12.89	1.50	0.42	2,234	-419	
Milesville	71	9	92	51	0.00	18.35	11.25	-0.80	-2.95	2,460	-243	
Philip	70	9	94	46	0.04	15.16	8.72	-1.54	-3.76	2,533	-162	
Rapid City	68	8	90	48	0.31	18.58	12.45	2.34	0.46	2,154	-247	
Spearfish	64	5	86	41	0.00	21.32	11.74	0.20	-2.92	2,304	-80	
Central												
Chamberlain	67	5	83	51	0.00	22.03	15.32	0.28	-0.68	2,557	-123	
Highmore	67	6	83	50	0.00	21.30	15.92	0.66	0.52	2,258	-318	
Huron	67	7	83	47	0.00	23.15	13.67	2.85	-1.03	2,403	-233	
Onida	67	6	85	49	0.00	16.71	10.41	-2.63	-3.35	2,208	-367	
Pierre	69	7	87	49	0.00	17.73	11.13	-1.60	-3.13	2,468	-333	
East Central												
Brookings	65	7	83	48	0.00	21.53	13.10	-0.53	-3.89	2,114	-202	
Forestburg	66	4	84	48	0.00	26.11	17.80	4.53	2.22	2,532	-291	
Madison	64	5	81	45	0.00	18.84	11.29	-5.53	-6.49	2,198	-136	
Mitchell	67	6	84	49	0.04	24.07	14.78	1.89	-1.33	2,618	-109	
Sioux Falls	66	6	84	47	0.00	21.86	12.53	-2.04	-4.73	2,434	-175	
Southwest												
Custer	61	5	80	41	0.14	17.16	13.50	-2.56	-1.47	1,661	-150	
Hot Springs	65	6	87	42	0.00	17.27	13.14	0.36	0.10	2,423	-96	
Oelrichs	67	6	91	46	0.00	19.10	12.16	2.27	-0.41	2,383	-215	
Porcupine	68	8	90	48	0.00	20.78	13.29	3.76	0.55	2,330	-219	
South Central												
Kennebec	67	3	85	44	0.00	19.84	13.50	1.62	-0.30	2,602	-334	
Mission	66	5	83	47	0.00	22.20	15.53	2.72	0.75	2,373	-189	
Murdo	69	7	86	54	0.00	22.52	15.28	3.20	1.51	2,514	-168	
Winner	68	4	84	52	0.02	23.19	16.70	0.17	-0.02	2,585	-401	
Southeast												
Armour	66	2	84	47	0.00	21.93	15.05	-1.09	-1.48	2,486	-494	
Centerville	66	4	84	48	0.00	27.58	18.30	3.47	0.49	2,409	-331	
Pickstown	65	2	83	46	0.00	23.01	14.63	0.34	-2.19	2,485	-365	
Vermillion	65	0	84	47	0.00	29.75	18.51	5.15	0.53	2,647	-440	
Yankton	66	4	86	45	0.00	28.07	17.64	3.66	-0.43	2,562	-249	

DATA AND MAP SOURCE: State Climate Office of South Dakota