

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 12, 2010
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AGRICULTURAL SUMMARY

There were 4.7 days suitable for fieldwork in the past week, which helped the cutting of corn and sorghum silage make substantial advancements. Rain was welcomed in areas that are wanting to plant winter wheat. Farm activities focused on the general care of livestock, cutting silage, and preparing machinery for 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

Cool and generally wet conditions covered the state in the last week. Statewide temperatures averaged in the 60's F for the week. These temperatures were from 1-4° F below average. Oelrichs had the highest temperature at 93° F; Custer had the lowest at 30° F. The southwestern part of the state also saw sub-freezing and near-freezing conditions.

Precipitation was widespread across the state, according to the State Climate Office of South Dakota. Oelrichs received the least at 0.03 inch; Britton received the most at 2.94 inches. Nearly half the stations received over 1 inch; 5 stations reported over 2 inches for the week. Most of the state still reports above average precipitation for the growing season as a whole. Several stations are still below average in the shorter (30 day) time period.

SOIL CONDITION

Soil temperatures were in the 60's F statewide, except for Oacoma which had the highest soil temperature at 72° F. Bowdle, Caputa and South Shore had the lowest at 60° F. Topsoil moisture rated at 73 percent adequate to surplus for last week, above the five-year average of 62 percent. Subsoil moisture was 74 percent adequate to surplus, above last year's rating of 63 percent and the five-year average of 54 percent.

FIELD CROPS REPORT

Eighty-five percent of corn is at or beyond the dent stage, above the 5 year-average of 81 percent. Corn is estimated at 21 percent mature, compared to 5 percent last year and 18 percent for the five-year average. Harvesting of corn silage continues to progress and is 57 percent complete compared to 16 percent last year. Soybeans dropping leaves are 48 percent, compared to last year's 43 percent and five-year average of 49 percent. Seven percent of the soybean crop is rated mature, with the five-year average at 6 percent. Sunflowers in the ray flowers dry stage are estimated at 83 percent. Forty-nine percent of the sunflowers are in the bracts yellow stage, compared to 56 percent for the five-year average. Sorghum is 94 percent coloring, above the five-year average of 84 percent. Producers have planted 16 percent of the winter wheat, which is behind the five-year average of 23 percent. Two percent of the winter wheat has emerged, equal to the five-year average.

Feed and Water Supplies Comparison as of September 12, 2010

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	1	5	0	1	12
Short	4	2	11	7	10	19
Adequate	74	84	74	73	85	65
Surplus	22	13	9	20	4	5

LIVESTOCK, PASTURE, AND RANGE REPORT

Pastures are rated 61 percent in good to excellent condition, compared to the five-year average of 50 percent. Cattle are rated 86 percent in good to excellent condition, while sheep are rated 84 percent in good to excellent condition. Feed supplies remain in good shape and are rated at 96 percent adequate to surplus, up from the five-year average of 83 percent.

Soil Moisture Condition Comparison as of September 12, 2010

Rating	Topsoil			Subsoil		
	This Week	Last Year	Last Year	This Week	Last Year	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	7	12	5	6	8	5
Short	20	25	27	20	25	32
Adequate	57	58	66	55	59	61
Surplus	16	5	2	19	8	2

Crop and Livestock Conditions as of September 12, 2010

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	9	25	47	17
Soybeans	2	11	25	49	13
Sorghum	1	4	19	64	12
Sunflower	1	5	34	48	12
Alfalfa	4	6	25	58	7
Cattle	0	1	13	69	17
Sheep	0	1	15	53	31
Range & Pasture	4	11	24	49	12

Crop Progress as of September 12, 2010 ¹

Item	This Week	Last Year	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	16	12	21	23
Emerged	2	0	3	2
Corn				
Dent	85	79	55	81
Mature	21	9	5	18
Silage Harvested	57	39	16	42
Soybeans				
Dropping Leaves	48	30	43	49
Mature	7	1	2	6
Sorghum				
Coloring	94	89	78	84
Mature	22	11	10	16
Grain Harvested	1	0	1	1
Silage Harvested	44	21	24	47
Sunflower				
Ray Flowers Dry	83	75	75	82
Bracts Yellow	49	40	39	56
Mature	3	0	0	4
Alfalfa				
3rd Cutting	75	72	60	73

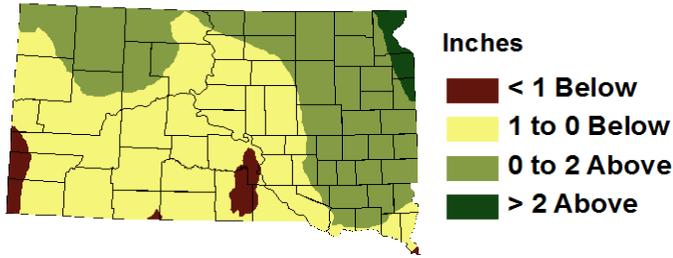
¹ Percents represent all acreage in or beyond each stage.

Average Soil Temperatures Week Ending September 12, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	61	Nisland	65
Beresford	64	Oacoma	72
Bowdle	60	Parkston	67
Brookings	61	Pierre	68
Caputa	60	Redfield	64
Cottonwood	67	South Shore	60

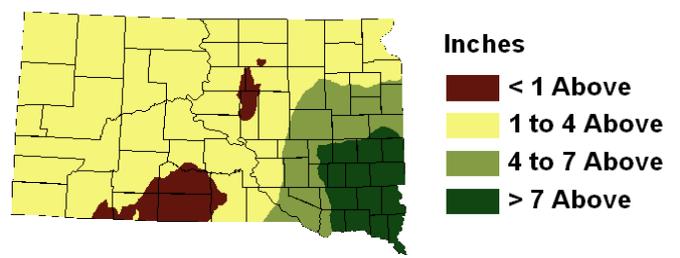
PAST 30 DAYS

Accumulated Precip Deviation from Average
From August 14 to September 12, 2010



GROWING SEASON

Accumulated Precip Deviation from Average
From April 1 to September 12, 2010



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 12, 2010

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	65	2	87	41	1.37	21.42	15.49	4.43	3.50	2,318	-64
Buffalo	60	-1	92	40	0.56	14.78	11.64	0.11	0.73	2,075	-88
Dupree	63	0	85	42	1.95	25.03	20.36	7.94	7.73	2,430	28
McIntosh	60	-3	81	43	1.26	17.31	11.15	1.59	-0.65	2,397	6
Newell	61	-3	90	36	0.80	16.12	12.15	0.83	0.95	2,178	-209
Timber Lake	62	-1	80	44	2.11	19.74	14.06	1.90	1.18	2,422	33
North Central											
Aberdeen	60	-3	76	43	2.45	28.83	20.36	9.33	5.92	2,551	152
Faulkton	60	-4	79	41	1.52	23.14	12.88	3.90	-0.90	2,475	40
Mobridge	62	-2	79	47	1.40	18.45	11.53	0.79	1.89	2,457	-21
Roscoe	58	-3	74	44	2.19	23.59	14.08	4.23	-0.33	2,390	161
Northeast											
Britton	59	-4	71	43	2.94	24.36	14.47	4.64	-0.29	2,488	107
Clear Lake	57	-4	71	44	1.05	35.47	20.03	12.09	3.63	2,394	192
Sisseton	59	-4	77	41	2.30	30.01	15.80	9.03	0.41	2,542	177
Watertown	59	-2	72	44	1.15	28.38	17.80	7.52	2.51	2,422	296
Webster	61	-1	78	47	1.46	26.97	16.34	5.98	0.79	2,518	265
West Central											
Faith	62	-3	88	44	1.36	17.96	13.87	0.89	1.51	2,426	-122
Milesville	64	-1	88	44	1.30	25.38	16.61	6.54	3.08	2,556	-34
Philip	65	0	90	42	0.24	18.24	12.23	1.76	-0.03	2,566	-2
Rapid City	62	-2	92	38	0.92	20.89	17.43	4.82	5.61	2,197	-86
Spearfish	66	4	90	44	0.17	20.74	13.22	0.02	-1.04	2,364	90
Central											
Chamberlain	64	-1	81	48	0.40	26.43	18.23	5.06	2.61	2,747	192
Highmore	61	-4	77	47	0.27	20.08	11.85	1.42	-1.92	2,405	-49
Huron	63	-1	80	48	0.61	31.41	22.31	11.55	8.05	2,757	219
Onida	61	-1	80	43	0.82	22.41	14.58	3.33	1.08	2,510	62
Pierre	64	-3	82	49	0.90	32.34	23.65	5.24	1.62	2,625	-52
East Central											
Brookings	59	-3	72	44	0.97	38.77	29.02	17.36	12.68	2,481	262
Forestburg	63	-2	84	46	0.45	34.86	24.72	13.78	9.64	2,835	126
Madison	61	-1	75	44	0.29	34.30	24.98	10.60	7.87	2,496	261
Mitchell	63	-2	80	49	0.22	35.73	25.63	13.86	9.83	2,917	303
Sioux Falls	61	-3	74	44	1.09	39.95	28.67	16.72	12.08	2,691	182
Southwest											
Custer	56	-3	82	30	1.63	17.90	14.35	-1.58	-0.38	1,592	-123
Hot Springs	64	1	89	32	0.52	27.65	21.86	11.06	9.14	2,341	-57
Oelrichs	64	0	93	35	0.03	21.18	15.04	4.65	2.77	2,355	-113
Porcupine	63	0	91	32	0.48	22.67	12.91	6.02	0.54	2,340	-85
South Central											
Kennebec	64	-3	84	41	0.92	26.49	18.88	8.71	5.42	2,815	9
Mission	62	-2	89	40	0.58	21.50	14.14	2.42	-0.24	2,546	94
Murdo	65	-1	87	47	0.87	23.70	15.14	4.70	1.69	2,715	143
Winner	65	-3	87	47	0.43	21.15	13.93	-2.58	-3.40	2,743	-97
Southeast											
Academy	62	-2	81	44	0.25	23.15	15.97	1.47	0.15	2,644	137
Centerville	62	-3	77	43	1.23	26.53	17.16	2.97	7.28	2,661	30
Pickstown	63	-3	81	45	0.63	25.78	17.54	3.68	1.29	2,565	-154
Vermillion	64	-4	77	47	0.35	36.13	26.15	12.24	8.88	3,080	135
Yankton	63	-2	80	45	0.42	39.52	27.04	15.66	9.52	2,864	168

DATA AND MAP SOURCE: State Climate Office of South Dakota