

South Dakota Weekly Crop Weather Report

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For Week Ending May 30, 2010
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SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

With a variety of weather conditions, 5.0 days were suitable for fieldwork last week. Sunshine and high winds aided in helping fields dry for producers to continue planting. Fieldwork came to a halt as Saturday night showers moistened the fields and pastures. Farm activities focused on continuing corn, soybean, sorghum and sunflower planting, as well as moving cattle to pasture, and harvesting hay.

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

WEATHER INFORMATION

Hail, heavy rain and warm conditions were the big stories of the week across the state, according to the State Climate Office of South Dakota. Large hail, tornadoes and heavy rainfall occurred in a big event across the state early in the week. Structure damage and some flooding were reported. Central and western South Dakota received the heaviest rainfalls during the week with over two inches reported by several stations. Some three inch reports from non-official data were noted. Academy reported the highest total here at 2.66 inches. Much of the east and southeast were much drier (which has been the case throughout the spring). Huron had the lowest precipitation total at 0.06 inch.

Temperatures were warmer than average statewide by as much as 10° F with nearly all stations reporting daily values in the upper 80s to lower 90s during the week. Forestburg reported the highest temperature at 95° F; Custer had the lowest temperature at 35° F.

SOIL CONDITION

Warmer temperatures have helped soil temperatures rebound. Cottonwood had the highest temperature at 69° F. Aberdeen and Nisland were the lowest at 60° F.

FIELD CROPS REPORT

Sunshine and high winds in parts of the state helped assist in drying fields for producers to continue planting. Ninety-two percent of the corn is planted, just 2 points behind last year's estimate of 94 percent and 3 points behind the five-year average of 95 percent. Average corn height is 3 inches which is equal to last year and the five-year averages. Substantial progress was made in planting of soybeans, now at 63 percent planted, up 29 percentage points from last week. This is still 5 points behind the five-year average. Winter wheat is reported as 17 percent headed, above last year 5 percent, but behind the five years average of 22 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

With ample sunshine over the week and showers on Saturday night, pasture conditions are mostly good to excellent around the state, with some pastures still a bit too wet. Cattle are rated 90 percent in the good to excellent condition and 89 percent moved to pasture. Sheep are rated 88 percent in the good to excellent condition down 7 percent from last week.

Feed and Water Supplies Comparison as of May 30, 2010

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
Very Short	1	7	4	0	1	9
Short	6	5	11	1	6	15
Adequate	84	83	80	75	83	68
Surplus	9	5	5	24	10	8

Soil Moisture Condition Comparison as of May 30, 2010

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	0	0	8	0	0	3
Short	4	1	37	2	1	22
Adequate	75	67	49	76	67	69
Surplus	21	32	6	22	32	6

Crop and Livestock Conditions as of May 30, 2010

Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Winter Wheat	0	2	15	63	20
Spring Wheat	0	1	18	71	10
Barley	0	1	12	81	6
Oats	0	1	11	75	13
Corn	0	1	19	70	10
Soybeans	1	1	17	69	12
Alfalfa	0	1	20	63	16
Cattle	0	0	10	72	18
Sheep	0	0	12	65	23
Range & Pasture	0	3	12	66	19

Crop Progress as of May 30, 2010 ¹

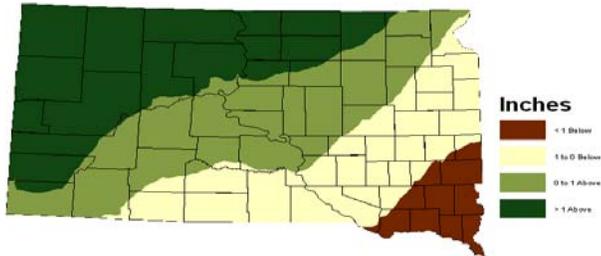
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Boot	73	48	55	74
Headed	17	1	5	22
Barley				
Seeded	95	86	100	99
Emerged	71	61	91	91
Boot	2	0	5	6
Oats				
Seeded	96	90	99	100
Emerged	85	76	92	96
Boot	9	2	4	12
Headed	0	0	0	1
Spring Wheat				
Emerged	96	84	95	98
Boot	7	0	6	12
Headed	0	0	0	1
Corn				
Planted	92	77	94	95
Emerged	67	35	54	64
Ave. Height (in.)	3	0	3	3
1st cult./spray	24	0	17	18
Soybeans				
Planted	63	34	69	68
Emerged	22	3	31	24
Sorghum				
Planted	21	6	55	47
Emerged	2	0	12	14
Sunflower				
Planted	38	9	22	22
Alfalfa				
1st Cutting	25	7	5	8
Other Hay				
Cut	4	1	0	2

¹ Percents represent all acreage in or beyond each stage.

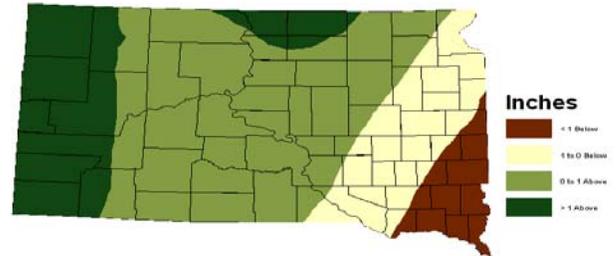
Average Soil Temperatures Week Ending May 30, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	60	Nisland	60
Beresford	64	Oacoma	67
Bowdle	62	Parkston	65
Brookings	64	Pierre	68
Caputa	61	Redfield	63
Cottonwood	69	South Shore	NA

PAST 30 DAYS
Accumulated Precip Deviation from Average
From May 1 to May 30, 2010



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to May 30, 2010



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 30, 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	62	2	88	42	2.27	10.81	5.59	2.05	1.50	400	5
Buffalo	58	0	82	39	1.46	6.65	3.01	-1.37	-0.48	380	33
Dupree	65	5	88	43	0.54	10.23	5.56	2.27	2.21	430	24
McIntosh	65	4	90	43	0.56	9.45	3.29	2.58	0.21	425	8
Newell	62	2	87	40	1.31	8.23	4.23	1.08	1.22	340	-53
Timber Lake	65	4	92	45	0.68	9.89	4.22	1.43	0.72	425	59
North Central											
Aberdeen	69	8	90	50	0.89	13.74	5.27	5.41	2.00	486	92
Faulkton	66	5	88	48	1.63	12.66	4.19	4.45	0.66	453	49
Mobridge	66	5	90	43	0.43	10.35	4.03	2.89	0.04	460	76
Roscoe	66	6	87	48	1.63	14.61	5.10	5.97	1.41	430	59
Northeast											
Britton	70	8	92	48	0.49	12.17	2.28	3.97	-0.96	484	65
Clear Lake	69	8	88	49	0.40	17.52	2.11	6.56	-1.77	472	146
Sisseton	68	6	91	50	0.25	17.40	3.19	7.62	-0.38	489	104
Watertown	67	8	87	46	0.59	14.04	3.46	5.05	0.04	458	133
Webster	69	8	89	52	0.20	12.91	2.79	4.31	-0.47	454	120
West Central											
Faith	62	1	83	44	0.98	8.80	4.39	0.84	1.07	410	-4
Milesville	66	4	92	45	0.50	12.13	3.36	3.42	-0.40	458	23
Philip	66	5	92	43	0.09	9.39	3.58	1.92	0.13	452	3
Rapid City	61	3	88	42	1.40	9.03	5.57	1.42	2.18	347	-4
Spearfish	64	5	84	45	0.21	11.88	4.36	1.24	0.08	399	40
Central											
Chamberlain	69	8	89	51	2.55	14.45	5.96	4.35	1.79	471	45
Highmore	67	6	90	47	0.51	11.23	4.31	1.80	0.31	422	8
Huron	70	9	92	50	0.06	12.99	3.89	3.53	0.03	524	107
Onida	64	3	89	45	0.82	12.36	4.56	4.61	1.19	445	29
Pierre	67	4	90	45	1.07	12.83	3.14	4.07	0.45	463	10
East Central											
Brookings	70	9	89	49	0.43	12.44	2.69	3.69	-0.99	475	120
Forestburg	73	10	95	52	0.12	12.81	2.67	2.43	-1.70	599	108
Madison	70	9	90	51	0.51	13.72	3.22	2.06	-1.64	492	137
Mitchell	73	10	94	55	0.93	13.41	3.35	2.73	-1.07	575	145
Sioux Falls	71	9	92	56	0.22	14.16	2.90	3.10	-1.54	534	103
Southwest											
Custer	55	1	84	35	1.21	8.35	5.31	1.05	1.52	190	-54
Hot Springs	64	4	88	44	1.90	13.58	7.79	6.19	4.27	407	-61
Oelrichs	63	3	91	40	1.44	13.17	7.34	5.07	3.43	391	-54
Porcupine	64	4	91	39	0.13	14.68	4.92	7.02	1.54	402	-24
South Central											
Kennebec	70	6	91	44	1.51	12.90	3.55	3.85	0.56	552	22
Mission	69	9	93	46	0.50	11.50	4.26	2.24	0.08	405	24
Murdo	69	7	94	49	0.79	12.34	3.78	3.01	0.00	450	39
Winner	69	5	90	62	1.80	12.66	5.71	1.59	1.19	458	-67
Southeast											
Academy	68	6	92	46	2.66	12.72	5.54	2.88	0.88	471	71
Centerville	74	10	93	50	0.21	11.44	2.07	0.73	-2.32	535	91
Pickstown	71	8	91	52	2.12	12.49	4.05	1.93	-0.64	490	32
Vermillion	74	8	92	53	0.49	12.58	2.60	1.24	-2.07	657	80
Yankton	71	8	92	50	0.59	16.95	4.47	5.99	-0.09	589	115

DATA AND MAP SOURCE: State Climate Office of South Dakota