

South Dakota Weekly Crop Weather Report

Released: May 11, 2009 -- 3:00 p.m. CST
For Week Ending May 10, 2009
SD-CW5819 Volume 58 Issue 19



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

Cool temperatures and mostly dry weather allowed for significant spring planting progress in South Dakota. There were 5.2 days suitable for fieldwork in the past week. Farm activities focused on calving and lambing, moving livestock to summer pastures, application of fertilizer and chemicals, and planting spring small grains, corn, and soybeans.

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

WEATHER INFORMATION

Cooler than average temperatures and showers were prevalent across most of the state during the past week, according to the State Climate Office of South Dakota. The far southeast corner was slightly warmer than average, but most of the rest of the state ranged from 1° – 4° F below average. High temperatures for the week reached the 70's F, with Vermillion being the highest at 78° F. A large portion of the state still fell below freezing overnight. Spearfish dropped to the lowest temperature at 24° F.

Total precipitation amounts for the week were generally under an inch. Sisseton had the lowest accumulation at 0.10 inch. The southeast had a little more precipitation (over an inch), with Sioux Falls accumulating the most at 1.18 inches. There was also a band of precipitation from eastern Potter to southern Clark Counties (outside the reporting stations listed here). In this area, totals reached over 2 inches.

SOIL CONDITION

Soil temperatures were generally in the 50's F except for the northeast corner, where temperatures continue to lag. A few spotty reports of frost deeper in soils have come in from extension educators in the east to northeastern part of the state. Topsoil moisture decreased 3 percentage points to 14 percent surplus, now equal to the five-year average. Subsoil moisture also decreased 3 points to 12 percent surplus, 2 percentage points higher than the five-year average.

FIELD CROPS REPORT

The past week was reportedly the best planting week South Dakota operators have seen this spring. Spring wheat seeding jumped 24 percentage points to 85 percent complete, and 41 percent of the crop has emerged. Some growers reported that many producers have seeded all of the spring wheat they can and are now doing prevented planting or are considering corn or soybeans, due to the late planting date. Oats and barley are estimated to be 74 percent and 66 percent complete, respectively; Both crops are 31 percent emerged. The planting of corn advanced considerably and is now 29 percent complete, which is still well behind the five-year average of 50 percent complete. Soybean planting has begun and is estimated to be 7 percent complete, in line with the five-year average of 8 percent. Only 7 percent of the winter wheat crop is in the boot stage, compared to the 23 percent five-year average. Fifty-three percent of the winter wheat crop is rated good to excellent, a 5 percent decline from last week.

LIVESTOCK, PASTURE, AND RANGE REPORT

Continued favorable weather conditions have held livestock conditions fairly steady in South Dakota over the past week. Cattle are gradually being moved to grass, as conditions allow; Forty-four percent of cattle have been moved to pasture. Calving is 91percent complete, which is in line with the five year average. Cattle conditions are rated as 71 percent good to excellent. Lambing is 95 percent complete, 5 points ahead of the five-year average. Sheep conditions are rated at 74 percent good to excellent. Although some areas have reported too much standing water in pasture and haylands, the spring's precipitation has kept range and pasture conditions rated 18

percent higher than the five-year average at 63 percent good to excellent.

Feed and Water Supplies Comparison as of May 10, 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	7	2	7	0	8	16
Short	9	16	16	2	12	19
Adequate	79	75	72	81	69	57
Surplus	5	7	5	17	11	8

Soil Moisture Condition Comparison as of May 10, 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	0	0	0	0	0	5
Short	0	2	3	1	4	11
Adequate	86	81	72	87	81	70
Surplus	14	17	25	12	15	14

Crop and Livestock Conditions as of May 10, 2009

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	3	9	35	46	7
Spring Wheat	0	3	37	49	11
Barley	0	3	20	74	3
Oats	0	2	22	69	7
Alfalfa	0	4	23	67	6
Cattle	1	5	23	63	8
Sheep	1	5	20	66	8
Range & Pasture	0	8	29	56	7

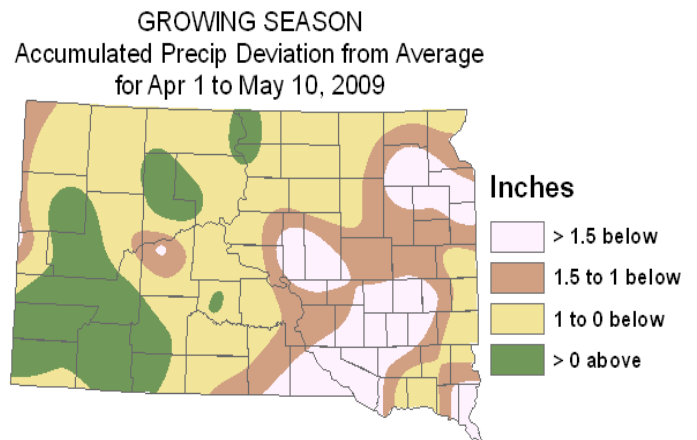
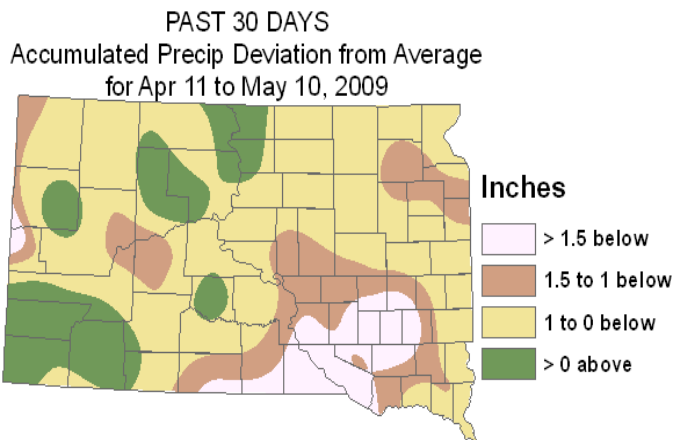
Crop Progress as of May 10, 2009 ¹

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	7	1	13	23
Barley				
Seeded	66	44	70	83
Emerged	31	14	16	45
Oats				
Seeded	74	46	82	90
Emerged	31	16	37	59
Spring Wheat				
Seeded	85	61	84	93
Emerged	41	24	38	68
Corn				
Planted	29	11	25	50
Emerged	2	1	1	6
Soybeans				
Planted	7	0	2	8
Sorghum				
Planted	4	0	2	6

¹ Percents represent all acreage in or beyond each stage.

Average Soil Temperatures Week Ending May 10, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	51	Nisland	52
Beresford	53	Oacoma	56
Bowdle	50	Parkston	56
Brookings	52	Pierre	57
Caputa	49	Redfield	53
Cottonwood	55	South Shore	45



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 10, 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	51	-3	69	31	0.82	12.22	2.25	4.61	-0.69	159	-36	
Buffalo	49	-2	70	32	0.70	8.45	1.96	1.75	-0.81	124	-17	
Dupree	53	-1	71	29	0.90	11.39	3.99	4.21	1.27	199	-2	
McIntosh	50	-4	70	30	0.53	9.07	1.86	2.73	-0.56	154	-44	
Newell	50	-2	71	33	0.32	9.36	2.87	2.80	0.40	147	-41	
Timber Lake	52	-2	72	29	0.70	10.64	1.95	2.87	-0.86	196	6	
North Central												
Aberdeen	51	-3	72	28	0.31	10.37	1.79	2.73	-0.79	177	-18	
Faulkton	52	-3	73	28	0.93	9.11	2.36	0.74	-0.55	188	-10	
Mobridge	51	-4	71	27	1.17	9.23	2.59	2.59	0.20	173	-12	
Roscoe	52	-1	71	29	0.43	9.86	2.22	1.95	-0.74	155	-2	
Northeast												
Britton	50	-5	71	29	0.61	12.95	1.56	5.46	-0.97	144	-62	
Clear Lake	53	-1	71	30	0.46	13.42	1.60	3.20	-1.51	150	7	
Sisseton	52	-3	73	32	0.10	13.50	1.76	4.35	-1.08	167	-12	
Watertown	52	0	71	30	0.27	10.02	1.17	1.79	-1.49	161	18	
Webster	52	-2	70	33	0.25	10.32	0.69	2.29	-1.90	142	-6	
West Central												
Faith	51	-4	69	32	0.85	8.43	2.64	0.90	-0.18	154	-55	
Milesville	53	-2	72	32	0.36	8.59	1.49	0.68	-1.47	203	-27	
Philip	53	-1	72	30	0.15	8.51	2.07	1.59	-0.63	211	-27	
Rapid City	48	-4	70	29	0.16	9.96	3.83	2.97	1.09	148	-28	
Spearfish	52	-1	72	24	0.30	11.81	2.23	1.85	-1.27	168	-6	
Central												
Chamberlain	54	-1	73	32	0.28	9.02	2.31	-0.23	-1.19	212	-3	
Highmore	51	-3	72	27	0.75	6.97	1.59	-1.83	-1.97	181	-29	
Huron	54	-1	76	30	0.79	11.35	1.87	2.56	-1.32	206	-3	
Onida	52	-3	73	27	0.80	8.27	1.97	-0.07	-0.79	195	-14	
Pierre	52	-4	73	30	0.57	9.13	2.53	1.13	-0.40	204	-31	
East Central												
Brookings	52	-1	72	31	0.94	10.46	2.03	2.56	-0.80	160	0	
Forestburg	56	0	77	34	0.47	10.40	2.09	0.68	-1.63	264	2	
Madison	52	-1	75	30	0.71	9.66	2.11	-0.52	-1.48	192	29	
Mitchell	56	0	77	33	0.11	10.88	1.59	1.10	-2.12	226	13	
Sioux Falls	55	1	76	35	1.18	12.46	3.13	2.15	-0.54	215	-3	
Southwest												
Custer	43	-4	63	26	0.21	7.69	4.03	-0.12	0.97	75	-32	
Hot Springs	51	-2	72	29	0.20	8.25	4.12	1.50	1.24	219	-40	
Oelrichs	52	-1	74	32	0.12	9.79	2.85	2.63	-0.05	205	-32	
Porcupine	49	-4	73	22	0.32	11.76	4.27	4.74	1.53	193	-31	
South Central												
Kennebec	53	-3	74	30	0.58	8.46	2.12	1.06	-0.86	249	-40	
Mission	54	0	72	33	0.34	9.10	2.43	1.22	-0.75	181	1	
Murdo	54	0	73	34	0.56	10.39	3.15	1.71	0.02	187	-21	
Winner	54	-3	74	35	0.44	9.14	2.65	-0.96	-1.15	214	-69	
Southeast												
Armour	55	-3	75	33	0.43	8.54	1.66	-1.63	-2.02	234	-53	
Centerville	56	0	77	34	0.43	11.32	2.04	1.49	-1.49	212	-10	
Pickstown	56	0	76	34	0.50	9.60	1.22	-0.18	-2.71	265	28	
Vermillion	59	0	78	35	1.05	13.64	2.40	3.11	-1.51	266	-52	
Yankton	59	3	77	36	0.43	13.70	3.27	3.71	-0.38	244	-3	

DATA AND MAP SOURCE: State Climate Office of South Dakota