

South Dakota Weekly Crop Weather Report

Released: May 18, 2009 -- 3:00 p.m. CT
For Week Ending May 17, 2009
SD-CW5820 Volume 58 Issue 20



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

Generally, below-average temperatures and precipitation helped accelerate spring planting progress in South Dakota. There were 6.1 days suitable for fieldwork in the past week. Farm activities focused on moving livestock to summer pastures, planting spring small grains and row crops, and application of fertilizer and chemicals.

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

WEATHER INFORMATION

Temperatures continued their cool trend for the third consecutive week, according to the State Climate Office of South Dakota. A couple stations around the Black Hills were near average temperature overall. The rest of the state was below average, ranging to as much as 7 to 8° F below average. Mission recorded the highest temperature, at 84° F. Porcupine reported the lowest, at 14° F.

Precipitation was very limited across the state as nine stations reported no precipitation and most others only light amounts. Roscoe reported the most precipitation for the week, at 0.90 inch. Average precipitation amounts for a week in May should range from around 0.6 inch in the north to 0.9 inch in the southeast. Over the last 30 days nearly all stations south of a Spearfish to Sisseton line have reported 70% of average precipitation or lower.

SOIL CONDITION

Soil temperatures continued their slow, upward progression. The highest four-inch depth temperature was recorded in Pierre, at 61° F. The lowest was 48° F recorded in South Shore. Topsoil moisture ratings dried in the state, this week estimated at 85 percent adequate to surplus. Subsoil moisture ratings also dried, this week down to 90 percent in the adequate to surplus categories.

FIELD CROPS REPORT

Generally drier weather helped accelerate the planting progress of all crops in South Dakota over the last week. Corn advanced to 63 percent planted, a jump of 34 percentage points from the previous week, but still 8 percentage points behind the five-year average. Soybeans also increased to 19 percent planted, only 4 percentage points behind the five-year average. Spring wheat is estimated at 94 percent seeded, while barley and oats trail behind at 84 percent and 87 percent planted, respectively. Despite drier conditions, many low spots across the state remain very wet, leading to delayed planting or a change in planting intentions.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock conditions continue to remain fairly stable across South Dakota, with favorable range conditions allowing more producers to move livestock out to pasture. Cattle moved to pasture increased 26 percentage points over the last week, now estimated at 70 percent complete. Cattle conditions are rated at 76 percent good to excellent. Sheep conditions are estimated at 81 percent good to excellent. Calving and lambing are both nearly complete, estimated at 94 percent and 97 percent complete, respectively. Range and pasture conditions are rated at 64 percent in the good to excellent categories, 17 percentage points ahead of the five-year average.

Average Soil Temperatures Week Ending May 17, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	53	Nisland	54
Beresford	53	Oacoma	57
Bowdle	52	Parkston	57
Brookings	54	Pierre	61
Caputa	50	Redfield	55
Cottonwood	57	South Shore	48

Feed and Water Supplies Comparison as of May 17, 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	6	1	9	15
Short	11	17	15	4	14	19
Adequate	77	74	74	81	69	59
Surplus	5	7	5	14	8	7

Soil Moisture Condition Comparison as of May 17, 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	1	0	4
Short	15	0	7	9	1	12
Adequate	74	86	80	84	87	75
Surplus	11	14	13	6	12	9

Crop and Livestock Conditions as of May 17, 2009

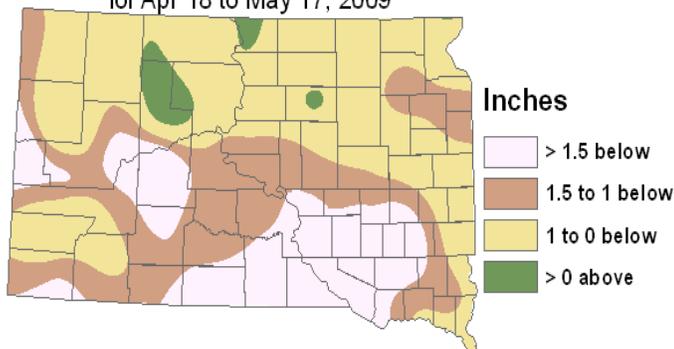
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	4	9	27	51	9
Spring Wheat	0	3	26	63	8
Barley	0	1	24	69	6
Oats	0	1	21	70	8
Alfalfa	0	4	24	64	8
Cattle	1	4	19	67	9
Sheep	0	4	15	67	14
Range & Pasture	1	5	30	54	10

Crop Progress as of May 17, 2009 ¹

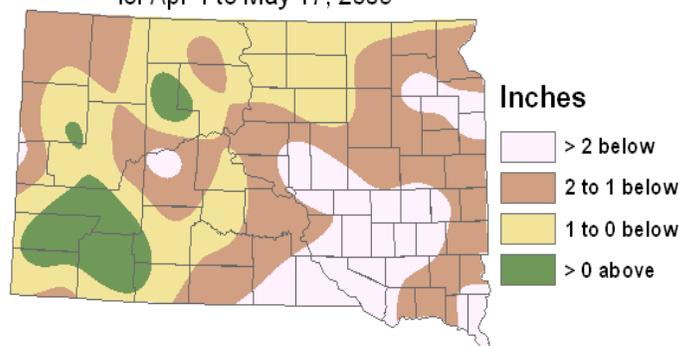
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	14	7	23	43
Headed	0	0	0	2
Barley				
Seeded	84	66	88	92
Emerged	57	31	44	68
Oats				
Seeded	87	74	92	96
Emerged	56	31	64	80
Spring Wheat				
Seeded	94	85	95	97
Emerged	63	41	73	87
Corn				
Planted	63	29	51	71
Emerged	10	2	4	21
Soybeans				
Planted	19	7	16	23
Emerged	1	0	0	2
Sorghum				
Planted	14	4	14	16
Emerged	0	0	0	1
Sunflower				
Planted	2	0	3	5

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Apr 18 to May 17, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to May 17, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 17, 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	53	-3	73	27	0.18	12.40	2.43	4.16	-1.14	224	-38
Buffalo	51	-2	76	26	0.21	8.66	2.17	1.32	-1.24	174	-22
Dupree	51	-5	71	28	0.30	11.69	4.29	3.82	0.88	253	-15
McIntosh	50	-7	73	24	0.28	9.35	2.14	2.45	-0.84	202	-66
Newell	52	-3	76	28	0.02	9.38	2.89	2.21	-0.19	205	-45
Timber Lake	53	-4	74	25	0.04	10.68	1.99	2.27	-1.46	258	2
North Central											
Aberdeen	53	-5	72	31	0.15	10.52	1.94	2.30	-1.22	233	-31
Faulton	54	-4	76	31	0.85	9.96	3.21	0.89	-0.40	244	-23
Mobridge	52	-5	71	27	0.04	9.27	2.63	2.05	-0.34	223	-28
Roscoe	50	-5	73	30	0.90	10.76	3.12	2.17	-0.52	202	-17
Northeast											
Britton	50	-7	70	32	0.59	13.54	2.15	5.42	-1.01	183	-96
Clear Lake	52	-4	71	34	0.10	13.52	1.70	2.63	-2.08	199	-5
Sisseton	53	-4	71	34	0.40	13.90	2.16	4.13	-1.30	222	-26
Watertown	51	-4	69	35	0.06	10.08	1.23	1.31	-1.97	206	2
Webster	52	-5	69	32	0.36	10.68	1.05	2.09	-2.10	188	-22
West Central											
Faith	52	-5	72	27	0.35	8.78	2.99	0.55	-0.53	205	-72
Milesville	54	-3	78	27	0.00	8.59	1.49	-0.10	-2.25	272	-28
Philip	56	-2	81	27	0.00	8.51	2.07	0.89	-1.33	286	-23
Rapid City	51	-3	76	24	0.00	9.96	3.83	2.29	0.41	211	-22
Spearfish	54	0	76	32	0.13	11.94	2.36	1.19	-1.93	233	1
Central											
Chamberlain	53	-4	73	32	0.14	9.16	2.45	-0.93	-1.89	275	-10
Highmore	53	-4	76	28	0.15	7.12	1.74	-2.38	-2.52	237	-42
Huron	57	-1	73	32	0.15	11.50	2.02	2.04	-1.84	271	-7
Onida	51	-6	76	26	0.04	8.31	2.01	-0.66	-1.38	245	-33
Pierre	54	-4	80	29	0.01	9.14	2.54	0.44	-1.09	270	-37
East Central											
Brookings	52	-4	70	34	0.03	10.49	2.06	1.97	-1.39	209	-15
Forestburg	56	-3	72	33	0.19	10.59	2.28	0.10	-2.21	328	-11
Madison	53	-3	72	31	0.12	9.78	2.23	-1.12	-2.08	249	23
Mitchell	58	-1	72	33	0.00	10.88	1.59	0.35	-2.87	298	14
Sioux Falls	55	-2	73	36	0.03	12.49	3.16	1.41	-1.28	278	-11
Southwest											
Custer	48	-2	71	27	0.00	7.69	4.03	-0.89	0.20	115	-36
Hot Springs	56	0	80	28	0.00	8.25	4.12	0.80	0.54	305	-24
Oelrichs	55	-1	82	29	0.00	9.79	2.85	1.93	-0.75	285	-22
Porcupine	49	-7	82	14	0.00	11.76	4.27	4.11	0.90	265	-27
South Central											
Kennebec	56	-3	82	28	0.05	8.51	2.17	0.41	-1.51	328	-43
Mission	53	-3	84	30	0.13	9.23	2.56	0.51	-1.46	242	0
Murdo	54	-3	82	32	0.03	10.42	3.18	1.08	-0.61	250	-25
Winner	55	-5	82	31	0.07	9.21	2.72	-1.79	-1.98	288	-76
Southeast											
Armour	55	-5	74	32	0.07	8.61	1.73	-2.40	-2.79	299	-69
Centerville	55	-4	73	35	0.18	11.50	2.22	0.85	-2.13	274	-20
Pickstown	50	-8	72	31	0.00	9.60	1.22	-1.02	-3.55	323	13
Vermillion	58	-4	74	36	0.25	13.89	2.65	2.52	-2.10	344	-58
Yankton	54	-4	76	35	0.21	13.91	3.48	3.04	-1.05	310	-13

DATA AND MAP SOURCE: State Climate Office of South Dakota