

South Dakota Weekly Crop Weather Report

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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Warmer and drier weather allowed for the acceleration of spring fieldwork and crop progress in South Dakota. There were 4.8 days suitable for fieldwork in the past week. Farm activities focused on spring fieldwork, moving cattle to pasture, application of fertilizer and chemicals and general care of livestock.

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

WEATHER INFORMATION

South Dakota experienced a very quiet weather week with no severe weather and generally very light rainfall, according to the State Climate Office of South Dakota. Most of the state received less than a third of an inch of precipitation. The most precipitation was reported in the northern Black Hills in the Spearfish-Lead-Sturgis area, which received around 0.75 inch for the week. The quieter weather allowed for warming temperatures with nearly the whole state reaching the 80s, some locations for the first time this year. While temperatures were warmer, they continued to lag behind average. Only scattered stations around the state were above average for the week, the highest being recorded at Buffalo at 4 degrees F above average. The southeast part of the state was on the cooler side with the coldest being Centerville coming in at 4 degrees F below average.

SOIL CONDITION

Soil temperatures at the four-inch depth continued to rebound with most of the state now at least in the 50s F. Oacoma recorded the warmest temperature at 59° F. Caputa and South Shore recorded the coolest at 49° F averaged over the week.

FIELD CROPS REPORT

Overall dryer conditions over the past week have allowed for the acceleration of seeding and crop progress for small grains and row crops, though all crop progress statistics remain behind last year and the five-year average. Barley has progressed to 48 percent emerged, up 31 percentage points from last week. Oats are 68 percent emerged, up 28 percentage points from last week. Spring wheat emerged has increased 37 percentage points, to 78 percent. Corn planted continues to remain over 20 percentage points behind the five-year average, this week estimated at 55 percent complete, compared to 68 percent last year and 77 percent for the five-year average. This week saw the first big increase in soybeans planted, now at 18 percent complete, up 16 percentage points from last week.

LIVESTOCK, PASTURE, AND RANGE REPORT

Range and pasture conditions have remained stable, currently rated at 56 percent good to excellent. Cattle condition is rated at 87 percent good to excellent, 1 percentage point ahead of last year and 4 percentage points ahead of the five-year average. Calving has progressed to 93 percent complete, and the percent of cattle moved to pasture has increased to 57 percent. Sheep condition is rated at 84 percent good to excellent, 5 percentage points behind last year, but 3 points ahead of the five-year average.

Average Soil Temperatures Week Ending May 18, 2008 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	55	Nisland	52
Beresford	50	Oacoma	59
Bowdle	52	Parkston	56
Brookings	53	Pierre	58
Caputa	49	Redfield	53
Cottonwood	54	South Shore	49

Feed and Water Supplies Comparison as of May 18, 2008

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	2	6	8	9	10	15
Short	17	16	18	14	11	21
Adequate	74	76	70	69	61	58
Surplus	7	2	4	8	18	6

Soil Moisture Condition Comparison as of May 18, 2008

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	1	4	5	6
Short	8	3	10	12	11	13
Adequate	81	72	71	76	70	63
Surplus	11	25	18	8	14	18

Crop and Livestock Conditions as of May 18, 2008

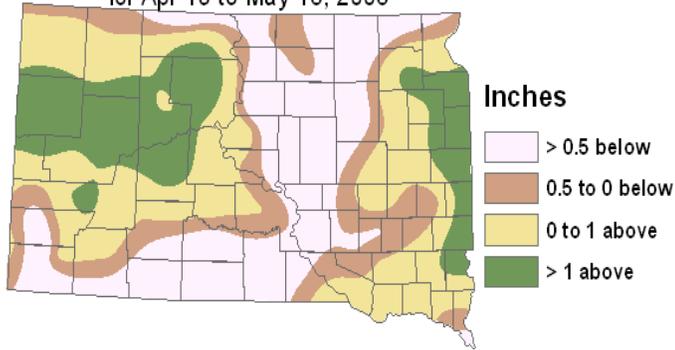
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	5	6	26	45	18
Spring Wheat	0	2	31	54	13
Barley	0	1	35	54	10
Oats	0	2	28	58	12
Alfalfa	1	5	34	50	10
Cattle	0	0	13	68	19
Sheep	0	0	16	62	22
Range & Pasture	3	8	33	49	7

Crop Progress as of May 18, 2008 ¹

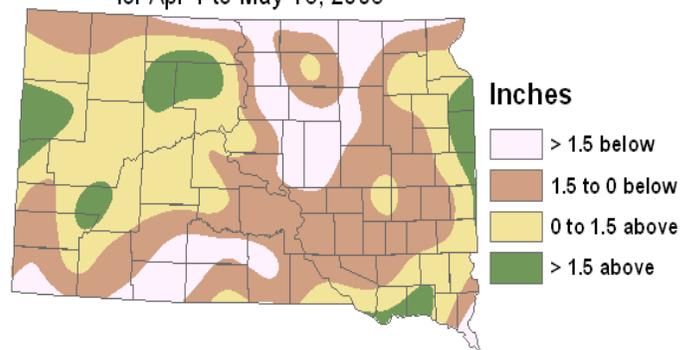
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	24	14	59	50
Headed	0	0	3	2
Barley				
Seeded	91	72	92	94
Emerged	48	17	66	78
Oats				
Seeded	93	83	96	98
Emerged	68	40	79	86
Boot	0	0	1	1
Spring Wheat				
Seeded	96	86	97	99
Emerged	78	41	85	92
Boot	0	0	1	0
Corn				
Planted	55	27	68	77
Emerged	5	1	30	25
Soybeans				
Planted	18	2	20	26
Emerged	0	0	3	3
Sorghum				
Planted	16	2	20	18
Emerged	0	0	4	1
Sunflower				
Planted	3	0	4	6

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Apr 19 to May 18, 2008



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to May 18, 2008



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 18, 2008

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		
	<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	57	0	83	40	0.05	6.36	3.90	-1.99	0.24	269	-2
Buffalo	57	4	84	41	0.00	5.03	3.43	-2.43	-0.08	205	0
Dupree	56	-1	79	38	0.10	7.76	5.17	-0.24	1.66	296	17
McIntosh	55	-3	80	32	0.00	3.21	1.71	-3.79	-1.35	224	-55
Newell	55	0	77	29	0.23	7.88	4.89	0.60	1.72	218	-42
Timber Lake	55	-2	79	29	0.00	8.38	6.10	-0.16	2.55	294	28
North Central											
Aberdeen	56	-2	85	28	0.03	5.87	1.41	-2.47	-1.84	257	-17
Faulkton	56	-2	82	32	0.01	6.11	2.22	-3.09	-1.49	262	-15
Mobridge	56	-1	85	35	0.00	5.39	2.61	-1.94	-0.45	261	0
Roscoe	54	-2	82	29	0.04	7.99	3.83	-0.73	0.09	217	-11
Northeast											
Britton	59	1	84	33	0.00	5.43	1.56	-2.81	-1.70	256	-33
Clear Lake	56	-1	79	35	0.18	12.05	6.28	1.02	2.40	187	-27
Sisseton	57	-1	85	35	0.01	8.81	3.19	-1.08	-0.36	213	-46
Watertown	55	-1	79	32	0.22	8.70	3.83	-0.18	0.55	194	-19
Webster	58	1	81	35	0.00	9.64	4.06	0.93	0.82	201	-19
West Central											
Faith	57	0	80	36	0.09	7.33	5.03	-1.03	1.41	237	-50
Milesville	57	-1	80	38	0.00	8.19	5.09	-0.65	1.23	312	1
Philip	59	1	83	36	0.06	7.90	3.97	0.14	0.46	320	1
Rapid City	55	1	79	36	0.05	7.31	4.85	-0.48	1.33	220	-22
Spearfish	55	0	74	29	0.69	13.06	6.65	2.16	2.24	224	-17
Central											
Chamberlain	61	3	82	43	0.12	11.59	3.96	1.35	-0.50	289	-7
Highmore	55	-2	81	32	0.03	8.14	2.11	-1.49	-2.25	259	-31
Huron	57	-1	84	33	0.18	9.23	3.52	-0.36	-0.44	287	-1
Onida	56	-1	83	34	0.30	9.45	3.59	0.36	0.11	297	9
Pierre	58	-1	83	31	0.06	10.01	3.17	1.19	-0.56	298	-20
East Central											
Brookings	54	-3	78	35	0.12	9.94	4.44	1.30	0.89	200	-34
Forestburg	60	1	82	32	0.26	10.94	4.75	0.31	0.15	346	-5
Madison	54	-2	78	34	0.15	10.01	3.48	-1.03	-0.94	199	-37
Mitchell	56	-3	86	34	0.12	10.73	4.14	0.06	-0.43	302	7
Sioux Falls	58	1	81	36	0.17	14.72	5.16	3.50	0.61	271	-29
Southwest											
Custer	51	1	77	31	0.06	7.24	3.14	-1.49	-0.80	142	-16
Hot Springs	56	1	80	31	0.15	7.09	2.84	-0.48	-0.84	303	-36
Oelrichs	54	-2	82	31	0.20	5.82	3.04	-2.16	-0.66	291	-27
Porcupine	54	-2	83	32	0.31	5.67	2.76	-2.09	-0.70	278	-23
South Central											
Kennebec	58	-2	83	32	0.07	8.84	3.30	0.61	-0.48	367	-15
Mission	56	0	79	37	0.03	9.32	3.15	0.45	-0.99	248	-4
Murdo	57	-1	81	36	0.10	10.07	3.69	0.60	-0.20	264	-21
Winner	59	-1	83	39	0.17	10.11	3.12	-1.05	-1.71	294	-82
Southeast											
Armour	60	0	82	34	0.05	11.85	3.84	0.68	-0.80	320	-59
Centerville	55	-4	81	33	0.00	13.18	4.99	2.38	0.52	271	-34
Pickstown	57	-2	86	31	0.07	14.06	5.40	3.29	0.51	287	-34
Vermillion	59	-2	80	33	0.00	13.79	4.44	2.27	-0.43	348	-68
Yankton	58	-1	81	34	0.12	16.48	6.67	5.44	2.01	305	-30

DATA AND MAP SOURCE: State Climate Office of South Dakota