

South Dakota Weekly Crop Weather Report

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U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Continued cooler-than-average temperatures and widespread precipitation have not significantly deterred spring fieldwork, though progress is still behind last year and the five-year average. There were 4.7 days suitable for fieldwork in the past week. Farm activities focused on the completion of the planting of row crops in many areas, 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

Almost all parts of the state received some moisture last week, according to the State Climate Office of South Dakota. Additionally, the southeast, southwest, west-central and north-central parts of the state had severe weather. The Belle Fourche area and Bon Homme County witnessed hail Wednesday and Corson and Campbell Counties each saw hail and a tornado touchdown on Sunday. The southeastern corner of the state received more than 1 inch of precipitation Thursday from the storm that brought an EF1 tornado through Yankton, Clay and Turner Counties causing widespread damage. Areas near Rapid City, Newell and Spearfish accumulated in excess of 1 inch of precipitation over the week and the Deadwood area had 3 inches of snow Tuesday.

The National Weather Service in East Rapid City received 9.71 inches of precipitation in May setting a record of the wettest May on record, and wettest month for its period of record. The previous record for May was 9.21 inches in 1962 and the all-time high monthly precipitation record was 9.66 inches, set in July 1905.

Temperatures last week were below average for all parts of the state. The overnight low was down to 25° F in Porcupine last Friday. Overnight lows were in the mid-30s to lower-40s for most parts of the state, whereas daily high temperatures were in the 70s and 80s. The lower than average temperatures did not help growing degree day accumulation, which continued to remain below average for the entire state.

SOIL CONDITION

Statewide topsoil moisture is currently rated at 16 percent short to very short, 11 percentage points higher than last year, but 6 percentage points below the five-year average. Subsoil moisture is currently rated at 21 percent short to very short, 11 percentage points below the five-year average. Drought ratings have been almost completely removed from South Dakota by the U.S. Drought Monitor. Only 0.4 percent of South Dakota is rated in severe drought conditions and only 2.6 percent in moderate drought conditions.

FIELD CROPS REPORT

South Dakota farmers were again able to make significant progress in spring fieldwork over the past week. Corn planted is now estimated at 93 percent complete, only four percentage points behind the five-year average. The percentage of corn emerged jumped 34 percentage points from last week, now estimated at 57 percent. Producers were also able to make progress in the planting of soybeans, now estimated at 69 percent complete, up 27 percentage points from last week.

LIVESTOCK, PASTURE, AND RANGE REPORT

Range and pasture conditions again saw a slight improvement over last week, now rated at 64 percent good to excellent. Feed supplies remain nearly unchanged, currently rated at 87 percent adequate to surplus. Stock water supplies also remain stable, this week rated at 77 percent adequate to surplus. Cattle condition remains stable at 88 percent good to excellent and cattle moved to pasture increased 10 percentage points from last week, now estimated at 82 percent. Sheep condition has dropped slightly, this week rated at 87 percent good to excellent.

Feed and Water Supplies Comparison as of June 1, 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	1	3	7	6	11	15
Short	12	11	18	17	9	21
Adequate	80	81	71	70	65	57
Surplus	7	5	4	7	15	6

Soil Moisture Condition Comparison as of June 1, 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	4	1	1	4	5	5
Short	12	11	4	17	15	8
Adequate	70	75	73	73	71	69
Surplus	14	13	21	6	9	18

Crop and Livestock Conditions as of June 1, 2008

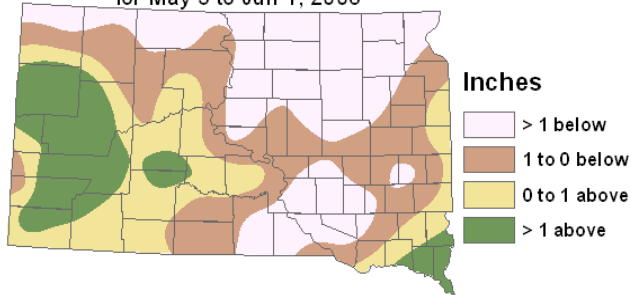
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	2	4	29	48	17
Spring Wheat	0	3	32	55	10
Barley	0	2	35	56	7
Oats	0	2	29	56	13
Corn	0	5	28	59	8
Alfalfa	0	4	33	53	10
Cattle	0	0	12	73	15
Sheep	0	0	13	68	19
Range & Pasture	1	5	30	53	11

Crop Progress as of June 1, 2008 ¹

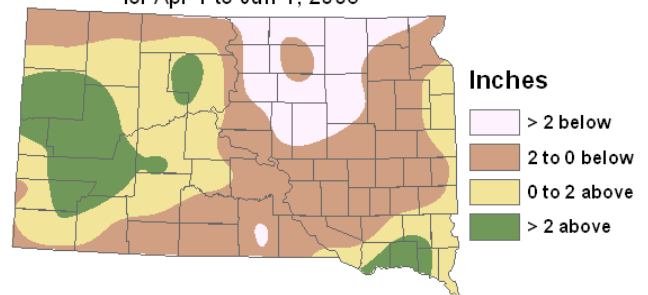
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	62	41	92	89
Headed	4	1	57	41
Barley				
Emerged	85	57	95	98
Boot	1	0	8	9
Oats				
Emerged	93	86	99	99
Boot	3	1	36	20
Headed	0	0	2	1
Spring Wheat				
Emerged	98	90	99	100
Boot	2	1	30	25
Headed	0	0	2	2
Corn				
Planted	93	85	96	97
Emerged	57	23	80	78
Soybeans				
Planted	69	42	71	76
Emerged	15	4	34	31
Sorghum				
Planted	55	30	54	48
Emerged	12	4	28	16
Sunflower				
Planted	18	8	20	26
Alfalfa				
1st Cutting	2	1	11	13
Other Hay				
Cut	1	0	2	3

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for May 3 to Jun 1, 2008



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



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 1, 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	55	-6	83	36	0.07	7.74	5.28	-1.87	0.36	392	-39
Buffalo	56	-2	79	39	0.08	6.03	4.43	-2.83	-0.48	309	-30
Dupree	57	-5	83	39	0.21	9.15	6.56	-0.37	1.53	422	-20
McIntosh	55	-7	81	35	0.06	4.39	2.89	-3.91	-1.47	333	-112
Newell	55	-5	77	39	1.20	11.92	8.93	3.32	4.44	324	-87
Timber Lake	56	-6	83	37	0.13	9.44	7.16	-0.51	2.20	416	-10
North Central											
Aberdeen	59	-4	83	40	0.11	6.23	1.77	-3.49	-2.86	411	-28
Faulkton	58	-4	86	40	0.31	6.69	2.80	-3.91	-2.31	396	-46
Mobridge	57	-5	82	36	0.33	6.22	3.44	-2.42	-0.93	396	-26
Roscoe	55	-6	80	38	0.17	8.22	4.06	-1.99	-1.17	342	-36
Northeast											
Britton	61	-1	85	38	0.23	5.79	1.92	-3.89	-2.78	428	-31
Clear Lake	58	-4	80	42	0.41	12.61	6.84	-0.04	1.34	311	-54
Sisseton	60	-3	81	41	0.18	9.15	3.53	-2.10	-1.38	371	-54
Watertown	58	-2	78	44	0.28	9.11	4.24	-1.18	-0.45	325	-37
Webster	58	-3	80	42	0.17	9.84	4.26	-0.20	-0.31	342	-31
West Central											
Faith	57	-6	78	37	0.20	8.57	6.27	-1.20	1.24	349	-102
Milesville	56	-7	83	35	0.50	10.02	6.92	-0.45	1.43	438	-42
Philip	58	-5	79	36	0.60	11.10	7.17	1.81	2.13	454	-35
Rapid City	52	-7	73	37	0.90	13.05	10.59	3.86	5.67	311	-74
Spearfish	53	-7	77	30	1.27	15.54	9.13	2.89	2.97	342	-43
Central											
Chamberlain	59	-4	81	44	0.11	12.85	5.22	0.93	-0.92	424	-42
Highmore	56	-6	80	41	0.25	9.50	3.47	-1.53	-2.29	375	-80
Huron	59	-4	83	45	0.50	9.89	4.18	-1.14	-1.22	431	-25
Onida	56	-6	82	40	0.21	9.96	4.10	-0.53	-0.78	421	-32
Pierre	57	-7	82	42	0.72	11.25	4.41	0.89	-0.86	424	-69
East Central											
Brookings	58	-3	79	42	0.20	10.65	5.15	0.45	0.04	325	-65
Forestburg	60	-4	84	45	0.14	11.80	5.61	-0.37	-0.53	502	-34
Madison	58	-3	80	42	0.55	11.01	4.48	-1.64	-1.55	327	-64
Mitchell	62	-2	84	47	0.19	12.24	5.65	-0.02	-0.51	465	-8
Sioux Falls	61	-1	83	44	0.89	16.13	6.57	3.30	0.41	431	-40
Southwest											
Custer	51	-3	72	30	0.46	10.59	6.49	0.33	1.01	237	-37
Hot Springs	55	-6	76	37	0.62	10.80	6.55	1.83	1.47	429	-77
Oelrichs	53	-8	81	37	0.50	8.57	5.79	-0.89	0.61	409	-76
Porcupine	52	-8	75	25	0.65	7.89	4.98	-1.22	0.17	417	-47
South Central											
Kennebec	58	-6	82	40	0.23	10.37	4.83	0.74	-0.35	511	-65
Mission	55	-6	76	34	0.16	11.68	5.51	1.13	-0.31	381	-26
Murdo	56	-6	78	40	0.58	12.34	5.96	1.43	0.63	393	-55
Winner	59	-6	81	44	0.41	11.56	4.57	-1.37	-2.03	437	-135
Southeast											
Armour	60	-5	83	45	0.53	13.24	5.23	0.35	-1.13	468	-109
Centerville	61	-4	83	43	1.92	16.43	8.24	3.85	1.99	420	-68
Pickstown	60	-5	84	41	0.23	15.38	6.72	2.91	0.13	430	-72
Vermillion	62	-5	84	45	2.52	17.97	8.62	4.69	1.99	530	-99
Yankton	62	-2	85	45	2.57	20.54	10.73	7.64	4.21	472	-47

DATA AND MAP SOURCE: State Climate Office of South Dakota