

South Dakota Weekly Crop Weather Report

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FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Continued precipitation characterized last week in South Dakota, resulting in 2.8 days suitable for fieldwork. Major farm activities included planting row crops, post-emergence spraying, and moving cattle to pasture.

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

WEATHER INFORMATION

An upper air low pressure system trekked slowly across South Dakota last week bringing extensive cloudiness and leading to widespread rainfall over the whole state, according to the State Climate Office of South Dakota. Amounts exceeded an inch in all but parts of the southwest quarter of the state. Huron, Sisseton, Roscoe and Aberdeen all had 3 inches or more of precipitation in the last week. Spearfish recorded over 4 inches along with areas of the northern Black Hills where flooding was a problem during the week. Precipitation deficits since April 1 are now contained mainly in an area from Meade and Haakon County around the southern end of the Black Hills. Precipitation has been well above average across much of the eastern part of the state with greater than 4 inches above average precipitation since April 1 in the northeast corner of the state.

While growing degree days (GDD) continue to progress, the slightly cooler than average temperatures slowed the GDD accumulation through the week. The combined rain and cloud cover cooled temperatures below average in all but a few stations in the eastern quarter of the state from Watertown and Sisseton down to Mitchell and Sioux Falls. But GDD accumulation is anywhere from 2 to 10 days above average over the state.

SOIL CONDITION

More precipitation this week resulted in most of the state's topsoil in the adequate to surplus moisture rating. Only 3 percent of the topsoil was rated as short to very short of moisture. Also, subsoil moisture has only 12 percent rated as short to very short. This precipitation has helped the western third of the state get closer to normal moisture conditions.

FIELD CROPS REPORT

Planting of row crops made modest advances this week. Corn planting is virtually complete, at 98 percent which is the same as the five-year average. Soybean and sunflower planting lag behind normal. Planting of soybeans is 76 percent complete compared to 88 percent last year and 82 percent normally. Sunflower planting is 21 percent complete behind the 47 percent last year and 36 percent normally planted. The cool weather has benefited the progress of the small grains. Winter wheat advanced quickly to 66 percent headed, ahead of the five-year average of 39 percent. There are some reports of weeds and insects becoming a concern, due to the fact that many fields are too wet to spray.

LIVESTOCK, PASTURE, AND RANGE REPORT

The soil moisture has improved alfalfa as well as range and pasture conditions. Alfalfa condition improved from 74 percent good to excellent last week to 81 percent this week. Similarly, range and pasture condition improved from 62 percent to 74 percent good to excellent. Spring calving is virtually complete, while 89 percent of the cattle have been moved to pasture.

Feed and Water Supplies Comparison as of June 3, 2007

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	3	4	8	10	13	15
Short	8	22	22	8	24	25
Adequate	83	71	67	64	58	57
Surplus	6	3	3	18	5	3

Soil Moisture Condition Comparison as of June 3, 2007

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	1	1	21	5	6	22
Short	2	10	30	7	11	25
Adequate	72	77	45	68	70	47
Surplus	25	12	4	20	13	6

Crop and Livestock Conditions as of June 3, 2007

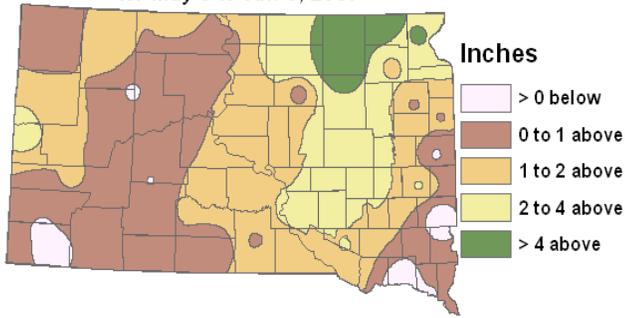
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	2	6	21	51	20
Spring Wheat	0	2	19	56	23
Barley	0	2	14	74	10
Oats	0	1	16	68	15
Corn	0	2	16	65	17
Soybeans	1	5	17	67	10
Alfalfa	2	3	14	54	27
Cattle	0	0	10	68	22
Sheep	0	0	8	63	29
Range & Pasture	2	4	20	51	23

Crop Progress as of June 3, 2007 ¹

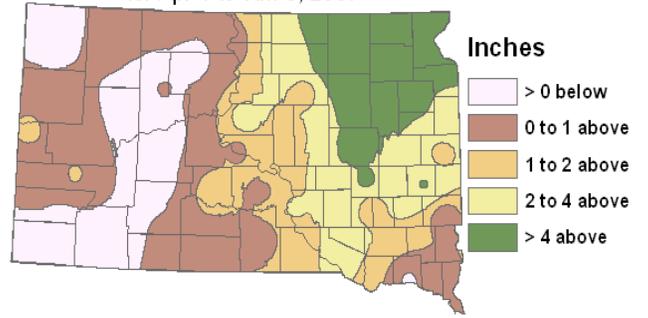
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	95	85	94	84
Headed	66	34	60	39
Barley				
Emerged	98	89	99	99
Boot	11	2	21	13
Oats				
Boot	43	17	31	21
Headed	3	1	2	1
Spring Wheat				
Boot	38	11	38	27
Headed	3	1	7	2
Corn				
Planted	98	92	99	98
Emerged	85	67	87	81
Ave Height (in.)	6	4	6	4
1st cult./spray	34	19	40	27
Soybeans				
Planted	76	57	88	82
Emerged	40	18	53	40
Sorghum				
Planted	58	45	66	51
Emerged	31	20	32	12
Sunflower				
Planted	21	19	47	36
Alfalfa				
1st Cutting	12	7	34	15
Other Hay				
Cut	2	2	9	3

¹ Percents represent all acreage in or beyond each stage.

Accumulated Precip Departure from Normal
for May 5 to Jun 3, 2007



Accumulated Precip Departure from Normal
for Apr 1 to Jun 3, 2007



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 3, 2007

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	59	-2	77	45	2.64	8.71	5.85	-1.06	0.75	507	52
Buffalo	58	-1	73	46	1.18	6.51	4.41	-2.53	-0.71	436	76
Dupree	61	-1	84	48	1.57	8.53	5.30	-1.18	0.05	561	94
McIntosh	58	-4	74	46	2.18	8.64	5.27	0.16	0.71	499	29
Newell	57	-4	75	42	1.97	8.66	5.34	-0.12	0.65	498	63
Timber Lake	61	-1	79	47	2.09	8.91	4.42	-1.23	-0.76	546	95
North Central											
Aberdeen	63	0	82	51	3.00	20.22	15.96	10.31	11.11	573	108
Faulkton	61	-1	84	49	1.69	11.45	6.53	0.68	1.22	559	90
Mobridge	62	0	87	50	1.97	8.84	5.13	0.02	0.56	612	163
Roscoe	59	-3	82	38	3.03	12.65	8.72	2.25	3.27	511	109
Northeast											
Britton	62	-1	80	36	2.27	16.91	12.59	7.03	7.67	581	96
Clear Lake	61	-1	80	36	1.73	15.14	8.85	2.27	3.09	511	121
Sisseton	65	2	86	52	3.70	17.75	11.06	6.31	5.93	560	108
Watertown	64	3	80	51	1.06	14.50	9.19	4.00	4.26	576	190
Webster	60	-2	80	41	1.54	16.45	9.72	6.22	4.93	499	101
West Central											
Faith	59	-4	81	46	1.14	7.73	4.10	-2.21	-1.13	506	29
Milesville	62	-1	85	48	1.10	9.01	4.91	-1.65	-0.80	617	109
Philip	63	0	90	47	0.88	8.48	4.56	-0.98	-0.68	628	111
Rapid City	58	-2	78	45	0.87	8.47	6.25	-0.90	1.13	453	46
Spearfish	57	-3	76	37	4.31	11.62	7.66	-1.26	1.24	557	149
Central											
Chamberlain	63	0	81	48	1.40	14.87	8.49	2.74	2.11	622	128
Highmore	61	-1	81	49	1.54	11.17	7.02	-0.03	1.06	547	66
Huron	63	0	80	50	3.60	15.75	10.50	4.53	4.88	626	141
Onida	61	-1	83	49	1.04	13.17	7.83	2.51	2.75	590	110
Pierre	63	-1	85	50	1.29	10.55	6.40	-0.03	0.89	596	74
East Central											
Brookings	64	2	80	45	1.57	12.01	6.85	1.57	1.48	559	143
Forestburg	64	-1	81	47	1.73	16.69	10.69	4.33	4.33	678	111
Madison	63	1	80	46	0.93	16.05	10.37	3.19	4.10	579	162
Mitchell	65	1	80	51	1.41	14.61	7.76	2.14	1.36	657	154
Sioux Falls	64	1	80	49	1.26	16.65	6.65	3.61	0.25	644	145
Southwest											
Custer	52	-3	77	36	1.42	9.27	6.17	-1.18	0.47	336	42
Hot Springs	60	-1	87	42	1.23	6.97	4.33	-2.18	-0.95	640	107
Oelrichs	60	-1	92	40	0.89	6.34	4.33	-3.30	-1.05	578	66
Porcupine	60	-2	89	43	0.71	7.86	4.78	-1.43	-0.23	584	94
South Central											
Kennebec	63	-2	83	50	1.00	12.45	6.19	2.65	0.81	748	139
Mission	62	0	85	49	0.98	13.00	6.85	2.25	0.80	618	185
Murdo	61	-2	85	48	0.81	11.65	6.94	0.55	1.39	561	85
Winner	63	-3	81	50	1.38	15.01	7.36	1.87	0.52	612	6
Southeast											
Armour	63	-3	77	47	2.59	16.76	8.83	3.68	2.24	723	112
Centerville	64	-1	80	49	1.55	13.78	7.34	0.97	0.83	670	149
Pickstown	63	-2	77	48	2.02	16.37	9.04	3.69	2.21	657	123
Vermillion	65	-2	81	51	1.81	15.93	7.62	2.44	0.75	778	112
Yankton	62	-3	79	44	1.04	16.01	6.52	2.87	-0.28	672	122

DATA AND MAP SOURCE: State Climate Office of South Dakota