

South Dakota Weekly Crop Weather Report



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Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

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For Week Ending August 12, 2007
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AGRICULTURAL SUMMARY

For the second week in a row, much of the state received some amount of precipitation. However, most areas could use more rainfall. With 5.4 days suitable for fieldwork, major farm activities included harvesting small grains and hay, caring for livestock, and cutting silage.

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

WEATHER INFORMATION

Sporadic thunderstorms hit various parts of the state during the week, according to the State Climate Office of South Dakota. Some isolated locations received over an inch, while many areas received very little. The heavier rainfalls occurred in the far northeast, north central and in Harding County in the northwest. Large areas just west of the river and in the northeast have continued to run well below average over the last 30 days. There were also widespread reports of hail over 0.75 of an inch. No specific crop damage reports were included with the storm reports.

Temperatures were well above average for the week again ranging from only a couple degrees in the far eastern edge of the state to over 6° F above average in the far southwest. High temperatures reached well above 100° F again in the western quarter of the state.

The combined hotter and drier than average conditions, in the western part of the state particularly, continue to reduce the satellite-derived vegetation condition over most of the rangeland areas.

SOIL CONDITION

Light precipitation around the state improved soil moisture ratings. Topsoil moisture was rated at 51 percent short to very short, which was down from 66 percent last week and 59 percent for the five-year average. Subsoil moisture rating improved from 60 percent short to very short last week to 56 percent this week, which is also better than the five-year average of 63 percent.

FIELD CROPS REPORT

The small grain harvest is nearing completion. The spring wheat harvest has progressed to 90 percent complete this week, 16 percentage points ahead of last week and 7 points ahead of the five-year average. Oats are 95 percent harvested, the same percentage harvested as last year at this time. The barley harvest is 80 percent complete, up 28 percentage points from last week. The corn crop matured quickly this week, spurred on by precipitation. Corn is 41 percent in the dough stage, up 23 percent from last week and 7 percent above the five-year average. Ten percent of the corn crop is dented, 4 percentage points above the five-year average. Eighty-four percent of soybeans are setting pods, which is 8 points ahead of the five-year average. Only 5 percent of the soybean crop is dropping leaves.

LIVESTOCK, PASTURE, AND RANGE REPORT

Recent rainfall resulted in slight improvements to alfalfa and range and pasture conditions. Range and pasture conditions were rated at 41 percent good to excellent, up 4 percentage points from last week. Alfalfa condition was rated at 41 percent good to excellent, up from 35 percent last week. Producers are managing livestock well to keep cattle and sheep conditions favorably stable. There were a few reports of pink eye in cattle this week.

Feed and Water Supplies Comparison as of August 12, 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	2	25	15	12	37	27
Short	15	37	26	23	32	27
Adequate	77	37	55	59	31	44
Surplus	6	1	4	6	0	2

Soil Moisture Condition Comparison as of August 12, 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	17	25	49	16	21	54
Short	34	41	26	40	39	30
Adequate	47	32	25	42	37	16
Surplus	2	2	0	2	3	0

Crop and Livestock Conditions as of August 12, 2007

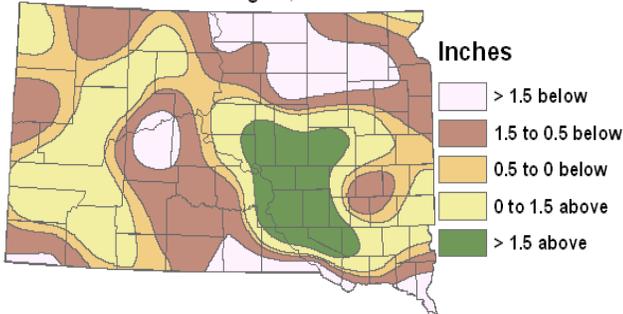
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	3	10	29	49	9
Soybeans	2	6	23	55	14
Sorghum	4	10	37	47	2
Sunflower	2	5	38	49	6
Alfalfa	6	22	31	36	5
Cattle	1	2	19	61	17
Sheep	0	1	10	68	21
Range & Pasture	6	16	37	34	7

Crop Progress as of August 12, 2007 ¹

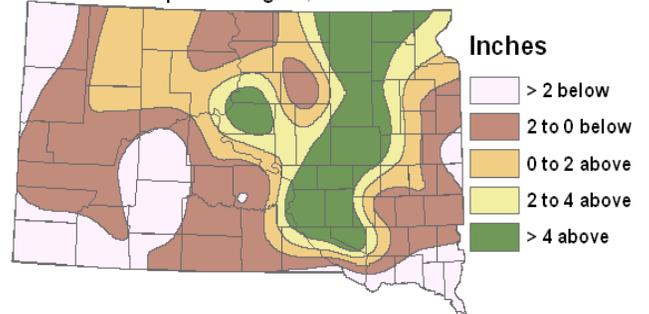
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley				
Harvested	80	52	86	75
Oats				
Harvested	95	90	95	89
Spring Wheat				
Harvested	90	74	96	83
Corn				
Silked	98	86	94	92
Dough	41	18	50	34
Dent	10	3	13	6
Silage Harvested	4	1	14	5
Soybeans				
Setting Pods	84	59	85	76
Dropping Leaves	5	0	3	3
Sorghum				
Headed	92	79	89	78
Coloring	17	8	33	19
Silage Harvested	1	0	24	7
Sunflower				
Blooming	63	36	75	67
Ray Flowers Dry	7	2	9	10
Bracts Yellow	2	0	2	3
Alfalfa				
2nd Cutting	95	92	91	88
3rd Cutting	32	17	30	25
Other Hay				
Cut	94	93	95	93

¹ Percents represent all acreage in or beyond each stage.

Accumulated Precip Departure from Normal
for Jul 14 to Aug 12, 2007



Accumulated Precip Departure from Normal
for Apr 1 to Aug 12, 2007



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 12, 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	76	3	101	52	0.46	14.59	11.73	-0.65	1.16	2,016	171
Buffalo	76	6	100	52	0.48	9.44	7.34	-5.21	-3.39	1,906	359
Dupree	78	5	103	55	0.26	15.87	12.64	0.18	1.41	2,124	251
McIntosh	74	2	99	52	1.70	14.63	11.26	0.46	1.01	1,959	90
Newell	79	6	99	56	0.09	12.21	8.89	-1.55	-0.78	2,010	167
Timber Lake	75	2	95	53	1.29	15.33	10.84	-0.94	-0.47	2,046	186
North Central											
Aberdeen	73	1	92	54	0.28	23.39	19.13	6.42	7.22	2,048	161
Faulkton	75	3	96	55	0.00	14.81	9.89	-2.17	-1.63	2,023	122
Mobridge	78	4	99	56	0.17	12.44	8.73	-2.08	-1.54	2,154	238
Roscoe	74	3	96	54	0.44	16.42	12.49	-0.82	0.20	1,940	198
Northeast											
Britton	73	1	93	51	1.40	21.76	17.44	4.49	5.13	2,164	296
Clear Lake	72	1	90	55	0.19	19.61	13.32	-1.83	-1.01	1,944	217
Sisseton	73	1	91	53	0.48	22.55	15.86	3.93	3.55	2,047	185
Watertown	73	4	91	56	0.33	17.98	12.67	-0.20	0.06	2,041	363
Webster	73	2	90	57	0.31	23.09	16.36	4.66	3.37	1,972	197
West Central											
Faith	78	3	99	55	0.32	15.96	12.33	0.22	1.30	2,095	141
Milesville	81	6	105	59	0.00	13.75	9.65	-3.48	-2.63	2,206	211
Philip	81	6	106	58	0.02	10.69	6.77	-4.29	-3.99	2,280	289
Rapid City	79	6	99	61	0.08	11.66	9.44	-2.97	-0.94	2,040	290
Spearfish	80	7	99	62	0.03	14.95	10.99	-4.28	-1.78	2,103	338
Central											
Chamberlain	79	4	94	65	0.76	25.66	19.28	6.62	5.99	2,252	282
Highmore	75	2	93	55	0.56	20.35	16.20	2.03	3.12	2,053	146
Huron	76	3	91	58	0.95	25.51	20.26	7.61	7.96	2,213	235
Onida	77	4	96	56	0.42	22.71	17.37	5.65	5.89	2,104	193
Pierre	79	3	98	58	0.00	17.38	13.23	0.11	1.03	2,190	121
East Central											
Brookings	72	2	90	56	0.13	16.30	11.14	-2.20	-2.29	1,965	218
Forestburg	76	2	90	59	0.27	21.87	15.87	2.89	2.89	2,274	162
Madison	74	3	91	57	0.08	19.66	13.98	-0.96	-0.05	2,068	315
Mitchell	74	1	91	57	0.13	19.77	12.92	0.65	-0.13	2,239	192
Sioux Falls	75	3	92	61	0.18	22.79	12.79	2.55	-0.81	2,225	257
Southwest											
Custer	71	4	90	53	0.11	14.40	11.30	-2.94	-1.29	1,557	243
Hot Springs	78	6	99	56	0.13	10.58	7.94	-4.42	-3.19	2,116	246
Oelrichs	80	6	102	56	0.21	7.53	5.52	-7.47	-5.22	2,157	244
Porcupine	79	6	101	59	0.07	12.23	9.15	-3.08	-1.88	2,151	274
South Central											
Kennebec	80	4	96	60	0.01	16.99	10.73	0.85	-0.99	2,436	260
Mission	79	5	95	60	0.42	18.15	12.00	0.72	-0.73	2,195	306
Murdo	81	6	97	59	0.00	15.84	11.13	-1.81	-0.97	2,199	229
Winner	79	3	97	61	0.09	21.38	13.73	0.98	-0.37	2,304	96
Southeast											
Armour	77	1	92	61	0.08	27.42	19.49	7.28	5.84	2,354	132
Centerville	75	2	92	64	0.37	17.56	11.12	-3.31	-3.45	2,273	205
Pickstown	79	4	96	64	0.00	19.31	11.98	-0.27	-1.75	2,280	164
Vermillion	77	2	94	65	0.38	16.91	8.60	-4.36	-6.05	2,440	127
Yankton	77	4	96	66	0.55	19.76	10.27	-1.43	-4.58	2,306	198

DATA AND MAP SOURCE: State Climate Office of South Dakota