

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service
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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 July 27, 2008
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AGRICULTURAL SUMMARY

Wet fields have slowed the progress of hay harvest and the cutting of small grains, but above-average temperatures and precipitation have facilitated the progress of South Dakota crops. There were 4.8 days suitable for fieldwork in the past week. Farm activities focused on the cutting of hay, general care of livestock, and the harvest of small grains.

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

WEATHER INFORMATION

Storms continue to track fairly regularly across the state, according to the State Climate Office of South Dakota. A few locations in the northwest reported no precipitation, including Milesville, Buffalo and Bison. Areas of the northeast also had fairly light precipitation. Many stations reported relatively heavy precipitation, with seven locations reporting over 2 inches, mostly in the eastern part of the state. Armour was the highest, at 2.96 inches. The precipitation has left only a few areas of the far northeast corner and along the Missouri River border with Nebraska showing a little dryness.

The continued storminess has caused problems with hail damage in some locations across the state, with specific reports from Hyde, Hand, and Sanborn Counties. There have been some severe wind reports during the week.

Growing degree days accumulations have held steady and gained slightly with slightly warmer-than-average temperatures during the last week. While total accumulations still run a few days to at least a week behind, this is improved over the last several weeks.

SOIL CONDITION

Continued precipitation increased topsoil moisture ratings again in the state, which are now estimated at 82 percent adequate to surplus. Subsoil moisture ratings also increased, but at a slower pace, this week estimated at 81 percent adequate to surplus.

FIELD CROPS REPORT

The winter wheat harvest advanced this week to 22 percent complete, despite reports from some producers had to stay out of some fields that were too wet for harvest. Corn is now 44 percent tasseled, 38 percentage points higher than last week. Soybeans are currently 67 percent in the blooming stage and 9 percent setting pods. Many reporters are indicating good crop quality in both the row crops and small grains at this point, but progress still remains well behind normal.

LIVESTOCK, PASTURE, AND RANGE REPORT

The second cutting of alfalfa advanced to 57 percent complete, and some parts of the state have been able to start the third cutting, statewide estimated at 1 percent complete. Range and pasture conditions remained stable, estimated at 80 percent in the good to excellent categories. Feed supplies and stock water supplies remain strong at 97 and 88 percent adequate to surplus, respectively. There were reports of excessive flies bothering livestock, but overall strong pasture and stock water conditions have kept cattle and sheep conditions high, both rated at 92 percent good to excellent.

Feed and Water Supplies Comparison as of July 27, 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	0	2	8	1	12	19
Short	3	12	19	11	21	26
Adequate	82	80	68	69	61	52
Surplus	15	6	5	19	6	3

Soil Moisture Condition Comparison as of July 27, 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	1	3	23	1	2	15
Short	17	25	51	18	19	41
Adequate	76	69	25	73	74	42
Surplus	6	3	1	8	5	2

Crop and Livestock Conditions as of July 27, 2008

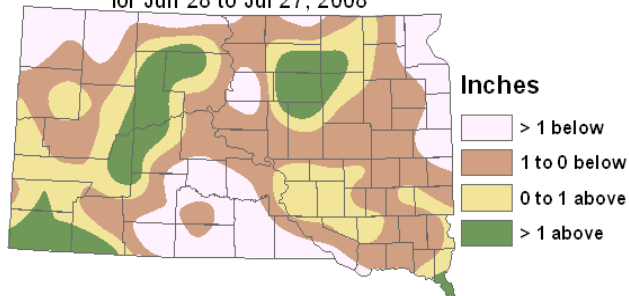
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	1	2	21	53	23
Spring Wheat	1	2	22	51	24
Barley	3	3	23	58	13
Oats	2	2	16	61	19
Corn	0	2	15	59	24
Soybeans	0	1	16	59	24
Sorghum	0	1	21	65	13
Sunflower	0	3	31	54	12
Alfalfa	1	3	19	58	19
Cattle	0	0	8	69	23
Sheep	0	0	8	66	26
Range & Pasture	0	3	17	58	22

Crop Progress as of July 27, 2008 ¹

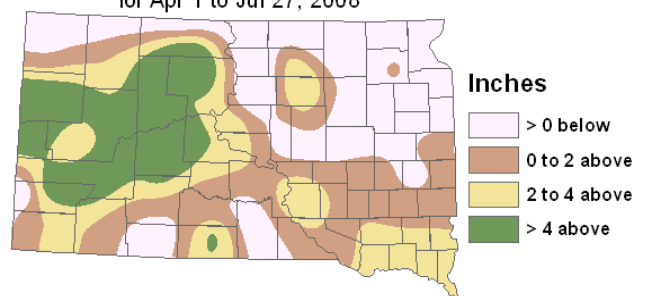
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Ripe	82	36	100	97
Harvested	22	4	91	83
Barley				
Turning Color	91	52	99	92
Ripe	19	2	76	53
Harvested	1	0	23	18
Oats				
Turning Color	92	60	99	95
Ripe	40	11	86	71
Harvested	8	2	58	43
Spring Wheat				
Turning Color	85	40	100	97
Ripe	11	2	71	61
Harvested	0	0	30	26
Corn				
2nd cult./spray	91	82	99	97
Tasseled	44	6	87	76
Silked	20	2	60	45
Dough	0	0	8	4
Soybeans				
Blooming	67	50	85	80
Setting Pods	9	5	31	24
Sorghum				
Headed	5	1	62	40
Coloring	0	0	2	5
Sunflower				
Blooming	2	1	17	14
Alfalfa				
2nd Cutting	57	34	85	73
3rd Cutting	1	0	8	6
Other Hay				
Cut	76	71	88	85

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Jun 28 to Jul 27, 2008



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Jul 27, 2008



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, July 27, 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	75	2	93	57	0.00	13.51	11.05	-0.86	1.37	1,382	-104
Buffalo	74	4	92	56	0.00	10.13	8.53	-3.76	-1.41	1,212	-12
Dupree	75	1	91	55	1.19	20.97	18.38	6.21	8.11	1,426	-90
McIntosh	74	0	90	58	0.01	9.89	8.39	-3.34	-0.90	1,213	-298
Newell	74	0	92	57	0.51	18.26	15.27	5.25	6.37	1,287	-192
Timber Lake	74	1	89	58	0.41	20.76	18.48	5.56	8.27	1,392	-102
North Central											
Aberdeen	72	-1	86	58	0.71	13.58	9.12	-2.10	-1.47	1,408	-116
Faulkton	72	-1	89	60	2.57	17.73	13.84	2.16	3.76	1,376	-160
Mobridge	74	0	89	62	0.81	12.61	9.83	-0.87	0.62	1,376	-160
Roscoe	72	0	89	60	1.86	17.25	13.09	1.29	2.11	1,295	-105
Northeast											
Britton	73	1	86	51	0.20	14.03	10.16	-1.95	-0.84	1,446	-67
Clear Lake	71	-1	83	56	0.33	17.80	12.03	-2.05	-0.67	1,263	-129
Sisseton	72	-1	88	51	0.31	15.95	10.33	-1.26	-0.54	1,350	-154
Watertown	71	0	83	57	0.61	15.38	10.51	-1.35	-0.62	1,260	-95
Webster	72	-1	83	62	1.41	16.83	11.25	0.16	0.05	1,303	-123
West Central											
Faith	75	0	89	59	0.11	17.60	15.30	2.75	5.19	1,312	-268
Milesville	76	1	91	62	0.00	23.03	19.93	6.99	8.87	1,446	-175
Philip	78	3	96	59	0.03	19.17	15.24	5.13	5.45	1,502	-123
Rapid City	75	2	93	58	0.66	18.27	15.81	4.56	6.37	1,220	-172
Spearfish	73	1	89	54	0.39	26.66	20.25	8.36	8.44	1,330	-77
Central											
Chamberlain	77	2	91	65	2.71	22.77	15.14	4.99	3.14	1,550	-50
Highmore	74	0	91	56	1.28	16.96	10.93	-0.01	-0.77	1,354	-189
Huron	74	0	85	64	0.84	15.89	10.18	-0.85	-0.93	1,493	-110
Onida	75	1	91	61	0.19	17.73	11.87	1.86	1.61	1,419	-130
Pierre	77	0	93	59	0.58	21.43	14.59	5.23	3.48	1,462	-220
East Central											
Brookings	71	0	84	57	0.34	18.00	12.50	0.95	0.54	1,310	-108
Forestburg	73	-2	84	60	2.28	19.03	12.84	1.20	1.04	1,591	-141
Madison	71	0	85	57	0.82	18.65	12.12	-0.38	-0.29	1,324	-96
Mitchell	75	0	87	63	0.31	19.41	12.82	1.40	0.91	1,645	-21
Sioux Falls	74	0	86	61	0.31	22.99	13.43	4.22	1.33	1,584	-17
Southwest											
Custer	69	2	88	51	0.23	18.79	14.69	2.81	3.49	954	-93
Hot Springs	74	2	92	54	0.88	16.66	12.41	2.69	2.33	1,403	-131
Oelrichs	77	2	94	57	2.06	15.05	12.27	0.99	2.49	1,371	-188
Porcupine	77	3	92	52	0.34	14.25	11.34	-0.09	1.30	1,436	-92
South Central											
Kennebec	78	1	93	62	0.52	16.93	11.39	1.96	0.87	1,622	-171
Mission	75	1	91	58	0.44	21.60	15.43	5.32	3.88	1,430	-88
Murdo	77	2	93	60	0.09	18.93	12.55	2.30	1.50	1,464	-126
Winner	79	2	96	61	0.08	18.39	11.40	-0.73	-1.39	1,589	-229
Southeast											
Armour	75	-2	88	60	2.96	22.03	14.02	3.17	1.69	1,618	-213
Centerville	73	-1	87	62	1.97	23.78	15.59	4.43	2.57	1,577	-115
Pickstown	75	-1	89	62	1.23	22.71	14.05	4.38	1.60	1,564	-159
Vermillion	74	-3	87	62	2.61	25.18	15.83	5.42	2.72	1,751	-165
Yankton	75	0	92	63	2.02	25.80	15.99	6.17	2.74	1,661	-65

DATA AND MAP SOURCE: State Climate Office of South Dakota