

South Dakota Weekly Crop Weather Report

Released: August 4, 2008 -- 3:00 p.m. CST
For Week Ending August 3, 2008
SD-CW5731 Volume 57 Issue 31



National Agricultural Statistics Service
South Dakota Field Office
P.O. Box 5068
Sioux Falls, SD 57117-5068
Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Warmer temperatures accelerated crop development in South Dakota, while some areas in the north-central and northeast regions of the state saw crop and structural damage from strong wind and hail events. There were 5.5 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

More severe storms occurred across the state during the week bringing some rainfall, but also some severe weather, according to the State Climate Office of South Dakota. The peak precipitation report was 2.24 inches at Sisseton. A few other stations in the north east reported amounts over 1 inch. Again many stations missed out with over a dozen stations reporting no precipitation for the week. The storms did produce fairly widespread hail and wind reports. One particular storm crossed an area from McPherson County southeast toward the Milbank and Watertown areas causing widespread property and crop damage in its path.

Temperature conditions were 1 to 6° F above average for all of the state but a few areas in the northeast. Growing degree day accumulation has improved somewhat, but little additional accumulation of GDDs can occur in the middle of summer. Much of the state also experienced very high dew points during the week.

SOIL CONDITION

Topsoil moisture ratings remained stable, now rated at 81 percent adequate to surplus. Subsoil moisture ratings decreased slightly to 78 percent adequate to surplus, but still remains 37 percentage points higher than the five-year average.

FIELD CROPS REPORT

Above-average temperatures pushed crop progress across the state. The winter wheat harvest jumped 45 percentage points to 67 percent complete. Corn tasseled and silked jumped 42 and 40 percentage points to 86 percent and 60 percent, respectively. Soybeans are currently 86 percent in the blooming stage and 24 percent setting pods. The harvest of spring planted small grains is also in full swing with oats at 29 percent harvested, barley at 10 percent harvested and spring wheat at 9 percent harvested.

LIVESTOCK, PASTURE, AND RANGE REPORT

The second cutting of alfalfa is now 76 percent complete in the state. Range and pasture conditions declined slightly, now at 74 percent good to excellent, but still remains 37 percentage points higher than the five-year average. Feed supplies and stock water supplies remain strong at 97 and 91 percent adequate to surplus, respectively. Some producers are concerned about the effect of excessive flies and high heat and humidity combinations on livestock, but livestock ratings remain high with cattle rated 90 percent good to excellent and sheep rated 93 percent good to excellent.

Feed and Water Supplies Comparison as of August 3, 2008

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	0	2	8	1	14	21
Short	3	14	20	8	23	27
Adequate	84	78	67	78	57	49
Surplus	13	6	5	13	6	3

Soil Moisture Condition Comparison as of August 3, 2008

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	1	1	26	2	1	20
Short	18	17	44	20	18	40
Adequate	77	76	29	74	73	38
Surplus	4	6	2	4	8	3

Crop and Livestock Conditions as of August 3, 2008

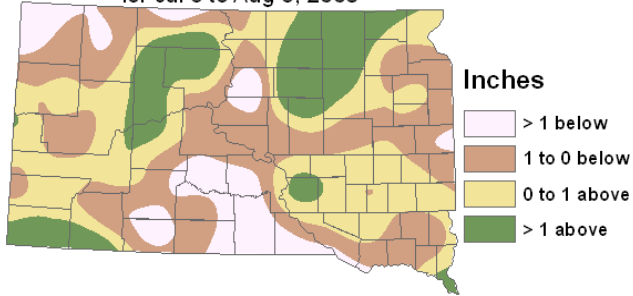
Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Winter Wheat	1	6	20	49	24
Spring Wheat	2	5	21	51	21
Barley	2	2	12	73	11
Oats	3	3	13	61	20
Corn	1	5	13	57	24
Soybeans	0	4	13	58	25
Sorghum	3	3	17	53	24
Sunflower	1	9	18	58	14
Alfalfa	0	3	19	57	21
Cattle	0	1	9	69	21
Sheep	0	0	7	61	32
Range & Pasture	1	3	22	52	22

Crop Progress as of August 3, 2008 ¹

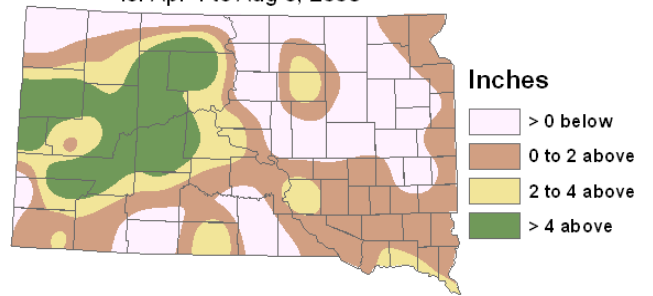
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Ripe	98	82	74	94
Harvested	67	22	99	96
Barley				
Turning Color	98	91	100	97
Ripe	71	19	92	75
Harvested	10	1	46	41
Oats				
Turning Color	97	92	100	99
Ripe	75	40	97	88
Harvested	29	8	84	70
Spring Wheat				
Turning Color	98	85	100	99
Ripe	62	11	92	85
Harvested	9	0	63	56
Corn				
Tasseled	86	44	97	92
Silked	60	20	81	72
Dough	6	0	16	11
Soybeans				
Blooming	86	67	93	90
Setting Pods	24	9	53	47
Sorghum				
Headed	30	5	76	61
Coloring	1	0	7	9
Sunflower				
Blooming	16	2	31	31
Ray Flowers Dry	0	0	1	2
Alfalfa				
2nd Cutting	76	57	91	85
3rd Cutting	4	1	15	14
Other Hay				
Cut	87	76	92	90

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Jul 5 to Aug 3, 2008



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Aug 3, 2008



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 3, 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	77	4	95	56	0.75	14.26	11.80	-0.53	1.70	1,549	-94
Buffalo	76	5	96	57	2.75	12.88	11.28	-1.38	0.97	1,374	6
Dupree	77	3	95	59	0.16	21.13	18.54	5.95	7.85	1,599	-74
McIntosh	75	2	93	53	0.03	9.92	8.42	-3.73	-1.29	1,376	-292
Newell	76	2	93	58	0.00	18.26	15.27	4.90	6.02	1,449	-191
Timber Lake	75	2	95	55	1.09	21.85	19.57	6.16	8.87	1,553	-102
North Central											
Aberdeen	72	-1	87	55	1.32	14.90	10.44	-1.38	-0.75	1,565	-121
Faulkton	72	-2	85	59	0.25	17.98	14.09	1.78	3.38	1,530	-167
Mobridge	75	0	88	56	0.84	13.45	10.67	-0.51	0.98	1,544	-159
Roscoe	73	2	89	58	0.07	17.32	13.16	0.77	1.59	1,457	-95
Northeast											
Britton	74	2	89	57	1.43	15.46	11.59	-1.14	-0.03	1,614	-57
Clear Lake	72	1	85	59	1.40	19.20	13.43	-1.35	0.03	1,418	-123
Sisseton	73	0	86	57	2.24	18.19	12.57	0.35	1.07	1,507	-157
Watertown	73	2	85	59	0.67	16.05	11.18	-1.31	-0.58	1,417	-83
Webster	73	1	85	57	0.33	17.16	11.58	-0.32	-0.43	1,464	-118
West Central											
Faith	76	1	93	57	0.30	17.90	15.60	2.59	5.03	1,483	-260
Milesville	78	2	96	58	0.03	23.06	19.96	6.45	8.33	1,624	-162
Philip	80	4	97	58	0.00	19.17	15.24	4.70	5.02	1,682	-103
Rapid City	76	3	95	59	0.00	18.27	15.81	4.14	5.95	1,389	-161
Spearfish	77	4	94	59	0.00	26.66	20.25	7.94	8.02	1,496	-69
Central											
Chamberlain	78	3	92	64	0.15	22.92	15.29	4.56	2.71	1,737	-27
Highmore	75	1	90	60	0.00	16.96	10.93	-0.65	-1.41	1,526	-178
Huron	75	1	89	59	0.28	16.17	10.46	-1.13	-1.21	1,667	-101
Onida	76	3	91	59	0.00	17.73	11.87	1.30	1.05	1,591	-117
Pierre	78	1	93	61	0.00	21.43	14.59	4.73	2.98	1,641	-212
East Central											
Brookings	72	1	85	57	0.49	18.49	12.99	0.81	0.40	1,466	-99
Forestburg	75	0	87	59	0.38	19.41	13.22	1.03	0.87	1,764	-136
Madison	73	2	86	57	0.34	18.99	12.46	-0.74	-0.65	1,484	-83
Mitchell	77	3	92	61	0.17	19.58	12.99	1.06	0.57	1,828	-6
Sioux Falls	76	2	90	61	0.12	23.11	13.55	3.71	0.82	1,761	-4
Southwest											
Custer	71	4	90	52	0.00	18.79	14.69	2.18	2.86	1,097	-69
Hot Springs	76	3	93	56	0.00	16.66	12.41	2.20	1.84	1,564	-119
Oelrichs	77	2	97	58	0.00	15.05	12.27	0.57	2.07	1,540	-175
Porcupine	78	4	96	59	0.00	14.25	11.34	-0.57	0.82	1,608	-74
South Central											
Kennebec	80	3	98	61	0.19	17.12	11.58	1.59	0.50	1,805	-156
Mission	81	6	100	61	0.26	21.86	15.69	5.01	3.57	1,617	-65
Murdo	81	6	99	63	0.00	18.93	12.55	1.80	1.00	1,651	-106
Winner	81	4	100	64	0.00	18.39	11.40	-1.36	-2.02	1,778	-211
Southeast											
Armour	77	1	90	63	0.16	22.19	14.18	2.71	1.23	1,801	-202
Centerville	77	3	90	61	0.00	23.78	15.59	3.73	1.87	1,760	-100
Pickstown	80	4	94	66	0.20	22.91	14.25	4.02	1.24	1,753	-144
Vermillion	77	1	91	61	0.00	25.18	15.83	4.72	2.02	1,933	-158
Yankton	79	4	94	63	0.03	25.83	16.02	5.50	2.07	1,847	-47

DATA AND MAP SOURCE: State Climate Office of South Dakota