

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

AGRICULTURAL SUMMARY

The week saw rain and high humidity to start and hot weather at the weekend, ending with 5.2 days suitable for fieldwork. Crop development has improved across the board with the hot, humid conditions. Crop conditions were reported mostly as good and excellent. Producer's stayed busy this week; spraying weeds, scouting for pest, hauling grain, and haying.

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

WEATHER INFORMATION

Late week temperature and dew points increased across the state creating very warm and humid conditions for people working and for livestock, according to the State Climate Office of South Dakota. These temperatures also reached potentially stressful conditions for crops again. Temperatures for the week were mainly 1-4° F above average except for a few locations in the north central to northwest part of the state. Individual daily temperatures were well into the 90's everywhere with several stations breaking 100° F. Milesville had the high temperature for the week at 104° F; Custer had the low at 52° F.

Eastern parts of the state received much heavier rainfall for the week leading to flooding issues again in some isolated areas. Most of the stations from north central arcing around to the southeast part of the state received over an inch of precipitation. Several stations in the west reported 0.10 inches or less. Sioux Falls reported the highest total for the week at 2.84 inches. Faith and Buffalo reported the least at 0.01 inches.

FIELD CROPS REPORT

Crop development accelerated with the warm, humid conditions, which also helped catch up with the growing degree days. Average corn height jumped to 50 inches, just behind 55 inches for the previous year. Corn has started tasseling with 13 percent complete, lagging behind the 5-year average of 30 percent. Soybeans progress increased to 34 percent now blooming, still way behind the 5-year average of 53 percent.

Small grains also made substantial progress. Winter Wheat turning coloring jumped dramatically to 95 percent complete, just short of 98 percent last year. Winter Wheat ripe is now 20 percent, behind the 5-year average of 64 percent. Winter Wheat harvest is well behind the average of 34 percent with only 1 percent completed. Spring wheat is 94 percent headed, just short of 98 percent the previous year. Twenty percent of the spring wheat crop is turning color, lagging behind the 5-year average of 66 percent. Oats are 91 percent headed and 42 percent turning color, still behind previous year averages of 98 and 69 percent respectively. 1st cutting of alfalfa is 92 percent complete and the 2nd cutting is 31 percent harvested both behind the 5-year averages of 97 and 45 percent respectively.

Feed and Water Supplies Comparison as of July 17, 2011

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	0	3	0	0	8
Short	1	3	12	1	4	14
Adequate	83	77	76	74	66	65
Surplus	16	20	10	25	31	13

LIVESTOCK, PASTURE, AND RANGE REPORT

The extreme heat has become a concern to livestock producers. Although livestock are rated mostly in good to excellent conditions, farmers are monitoring cattle and sheep to ensure adequate water supplies. Ninety-one percent of cattle and 93 percent of sheep are in good to excellent condition, ahead of the 5-year averages of 85 and 88 percent respectively. Pastures remain mainly in good to excellent condition, with adequate water supplies.

Soil Moisture Condition Comparison as of July 17, 2011

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	0	1	2	1	1	1
Short	4	3	13	4	2	9
Adequate	74	65	65	67	62	64
Surplus	22	31	20	28	35	25

Crop and Livestock Conditions as of July 17, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	1	14	58	27
Spring Wheat	0	1	20	59	20
Barley	0	0	14	68	18
Oats	0	0	13	75	12
Corn	2	5	15	59	19
Soybeans	2	4	19	60	15
Sorghum	0	0	12	69	19
Sunflower	0	1	26	55	18
Alfalfa	1	3	15	61	20
Cattle	0	0	9	73	18
Sheep	0	0	7	71	22
Range & Pasture	1	2	9	64	24

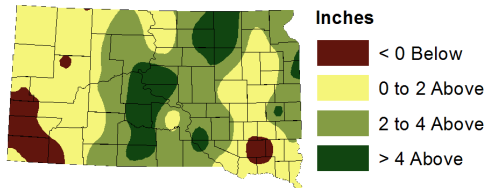
Crop Progress as of July 17, 2011 ¹

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Turning Color	95	64	98	97
Ripe	20	0	71	64
Harvested	1	0	29	34
Barley				
Headed	75	41	98	97
Turning Color	7	0	54	63
Ripe	0	0	6	14
Oats				
Headed	91	68	98	98
Turning Color	42	0	69	70
Ripe	5	0	15	24
Spring Wheat				
Headed	94	76	98	98
Turning Color	20	0	70	66
Ripe	1	0	10	16
Corn				
Ave. Height (in.)	50	32	55	55
2nd cult./spray	64	45	78	81
Tasseled	13	0	37	30
Silked	2	0	16	12
Soybeans				
Blooming	34	24	49	53
Sorghum				
Headed	3	1	2	15
Sunflower				
Blooming	1	0	3	3
Alfalfa				
1st Cutting	92	84	93	97
2nd Cutting	31	15	42	45
Other Hay				
Cut	65	49	71	73

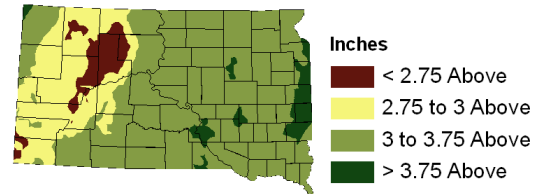
¹ Percents represent all acreage in or beyond each stage.

ADDRESS SERVICE REQUESTED

PAST 30 DAYS
Accumulated Precip Deviation from Average
From June 18 to July 17, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to July 17, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, July 17, 2011

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		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	70	-2	92	54	0.05	14.68	10.17	0.94	1.10	1,090	-165
Buffalo	72	2	91	55	0.01	14.69	11.03	2.27	2.30	961	-199
Dupree	73	0	96	58	0.03	19.15	13.11	4.95	3.37	1,098	-259
McIntosh	70	-2	94	56	0.08	13.65	9.75	1.10	0.98	960	-344
Newell	73	0	98	58	0.19	15.39	10.73	2.11	1.75	1,029	-218
Timber Lake	76	3	98	58	0.28	19.45	13.35	5.01	3.87	1,170	-147
North Central											
Aberdeen	75	3	93	58	2.49	22.39	16.11	7.68	6.46	1,234	-115
Faulkton	75	2	93	56	0.67	19.99	13.95	6.83	4.68	1,160	-220
Mobridge	73	0	93	56	0.59	15.98	10.77	3.27	3.21	1,109	-217
Roscoe	73	2	91	58	1.10	21.05	13.99	5.99	3.88	1,074	-105
Northeast											
Britton	74	2	92	58	1.39	21.64	13.54	6.48	3.56	1,295	-109
Clear Lake	72	1	89	54	1.68	23.71	15.42	4.99	3.76	1,048	-288
Sisseton	72	1	89	55	2.08	23.57	14.41	7.48	4.63	1,185	-195
Watertown	74	3	91	58	0.71	19.66	10.87	3.87	0.70	1,102	-206
Webster	73	1	94	58	1.55	21.70	10.85	6.06	0.65	1,167	-147
West Central											
Faith	75	1	100	58	0.01	16.13	10.83	2.00	1.86	1,153	-187
Milesville	77	3	104	56	0.35	17.08	12.50	2.00	2.37	1,206	-196
Philip	76	1	101	56	0.22	15.76	11.34	2.58	2.32	1,133	-259
Rapid City	74	2	98	58	0.03	15.70	11.73	2.64	2.96	1,052	-194
Spearfish	74	2	94	53	0.40	17.24	11.24	0.63	1.09	1,060	-124
Central											
Chamberlain	78	4	97	63	0.31	17.40	13.23	6.75	3.23	1,277	-191
Highmore	74	1	93	56	0.38	15.11	10.60	3.79	1.08	1,179	-233
Huron	77	4	95	61	0.13	17.82	11.07	2.01	0.92	1,329	-84
Onida	74	1	94	57	0.92	18.46	12.48	3.23	3.01	1,201	-232
Pierre	75	0	95	59	0.94	23.02	16.38	7.69	6.17	1,207	-247
Wessington Spr.	77	2	94	60	0.48	19.71	13.67	2.86	2.92	1,296	-194
East Central											
Brookings	75	4	89	61	2.11	21.20	15.01	5.07	3.95	1,155	-84
Madison	74	3	89	58	1.41	20.97	15.77	2.93	4.32	1,194	-154
Mitchell	79	5	101	62	0.87	19.27	13.66	2.91	3.39	1,428	-47
Sioux Falls	76	3	94	60	2.84	21.61	15.83	3.79	4.72	1,322	-126
Southwest											
Custer	68	2	92	52	0.10	17.68	11.89	2.72	1.76	830	-105
Hot Springs	76	4	102	58	0.12	14.67	10.57	1.42	1.19	1,232	-134
Oelrichs	74	2	101	57	0.29	12.85	10.06	-0.43	0.92	1,174	-200
Porcupine	76	3	101	57	0.32	18.19	11.53	4.67	2.29	1,155	-231
South Central											
Kennebec	78	2	101	58	0.33	15.92	11.75	1.85	2.10	1,351	-210
Mission	74	1	96	57	1.01	24.20	19.19	8.89	8.58	1,173	-141
Murdo	76	2	98	61	0.80	22.74	17.23	6.97	7.01	1,195	-223
Winnier	78	2	100	61	0.70	17.68	13.94	1.81	2.27	1,265	-320
Southeast											
Academy	76	2	97	60	1.13	20.51	17.52	3.13	6.00	1,249	-216
Centerville	77	3	96	61	0.85	17.81	14.38	0.38	2.24	1,383	-77
Pickstown	79	4	98	62	1.63	18.10	12.35	0.68	0.78	1,417	-109
Vermillion	78	2	95	63	1.16	17.38	12.69	-1.28	0.65	1,576	-116
Yankton	77	2	97	61	1.38	22.92	16.34	4.36	4.12	1,449	-78