

South Dakota Weekly Crop Weather Report

Released: August 15, 2011 -- 3:00 p.m. CST
For Week Ending August 14, 2011
SD-CW6033 Volume 60 Issue 33



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

AGRICULTURAL SUMMARY

Another week of good growing conditions brought 5.8 days suitable for field work. Some areas would benefit from rain and others need dry conditions to keep crops progressing. Livestock conditions are up slightly with the cooler temps. Major activities this week included spraying weeds and some aphids, harvesting small grains and hay, and preparing for row crop harvest.

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

WEATHER INFORMATION

After several warmer than average weeks throughout the month of July, temperatures fell to well below average during the week, according to the State Climate Office of South Dakota. Temperatures averaged in the upper 60s to low 70s F. These weekly values were cooler than average by 2 – 8° F. Coolest temperatures compared to average ranged from northwest to south central parts of the state. Several stations west of the river reached 90° F during the week. The high temperature was at Oelrichs at 96° F. Several locations fell into the 40s F for lows. Custer had the low temperature at 45° F. Growing degree days lost a little ground with cooler than average temperatures. Much of southern and eastern parts of the state were near average accumulation for the season. Other areas continued below average accumulation by up to a week.

Precipitation was again widely variable across the state, though nearly all stations reported precipitation. Most totals were moderate with a few stations reporting over 2 inch amounts. Six stations reported less than 0.10 inches; Faulkton reported no precipitation for the week. Thirteen stations reported 1 inch or more; Kennebec had the highest total at 2.36 inches. Despite the wet spring, the recent dry period has dropped growing season total precipitation below average.

FIELD CROPS REPORT

Development of row crops made significant progress last week with good weather conditions. Soybeans setting pods are 78 percent, just behind the previous year of 79 percent. Corn silked is 93 percent complete, ahead of the 5-year average of 90 percent. Twenty-eight percent of the corn is at or beyond the dough stage, with just 1 percent in the dent stage. Small grains continue to make progress with this week's good conditions. Winter wheat harvest is rapidly approaching conclusion with 98 percent complete, ahead of the 5-year average of 96 percent. Spring wheat harvest is now 64 percent complete, still behind the previous year's 77 percent. Oats are 76 percent harvested, still behind last year's average of 85 percent. Second cutting of alfalfa is 89 percent complete, now even with the 5-year average. The 3rd cutting is now 22 percent harvested just short of the previous year of 24 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle and sheep conditions are slightly higher with the cooler temps. Cattle are rated 89 percent in good to excellent condition. Sheep are rated 91 percent in good to excellent condition. Pasture and range, with 83 percent in good to excellent condition, continue to be well ahead of the 5-year average of 55 percent. Stock water supplies are 97 percent adequate to surplus and feed supplies are 99 percent adequate to surplus, both ahead of the 5-year averages of 75 and 83 percent, respectively.

Feed and Water Supplies Comparison as of August 14, 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	5	0	0	10
Short	1	3	12	3	4	14
Adequate	80	78	73	76	78	67
Surplus	19	19	10	21	18	9

Soil Moisture Condition Comparison as of August 14, 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	1	1	3	1	1	1
Short	16	14	15	13	12	14
Adequate	71	73	69	70	69	68
Surplus	12	12	13	16	18	17

Crop and Livestock Conditions as of August 14, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring Wheat	1	14	32	41	12
Barley	1	8	10	65	16
Corn	2	3	18	55	22
Soybeans	1	7	19	55	18
Sorghum	0	0	17	70	13
Sunflower	0	1	21	61	17
Alfalfa	3	2	15	62	18
Cattle	0	1	10	74	15
Sheep	0	1	8	68	23
Range & Pasture	1	2	14	60	23

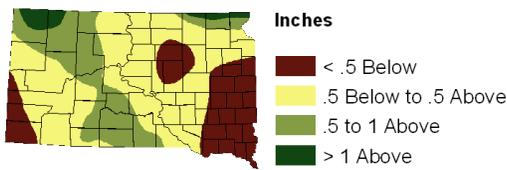
Crop Progress as of August 14, 2011 ¹

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Harvested	98	91	99	96
Barley				
Ripe	91	44	89	91
Harvested	37	10	68	67
Oats				
Ripe	93	76	96	96
Harvested	76	58	85	82
Spring Wheat				
Ripe	95	76	97	96
Harvested	64	36	77	76
Corn				
Silked	93	75	95	90
Dough	28	6	50	39
Dent	1	0	9	9
Soybeans				
Blooming	97	92	99	98
Setting Pods	78	49	79	79
Dropping Leaves	0	0	1	2
Sorghum				
Headed	81	52	86	80
Coloring	21	3	17	21
Sunflower				
Blooming	59	29	66	65
Ray Flowers Dry	2	0	3	6
Alfalfa				
2nd Cutting	89	83	88	89
3rd Cutting	22	12	24	26
Other Hay				
Cut	95	90	93	93

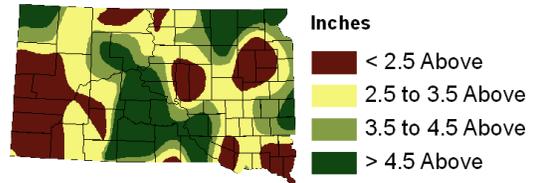
¹ Percents represent all acreage in or beyond each stage.

ADDRESS SERVICE REQUESTED

PAST 30 DAYS
Accumulated Precip Deviation from Average
From July 16 to August 14, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to August 14, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 14, 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		
<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	65	-8	85	51	1.04	18.14	13.63	2.72	2.88	1,726	-101
Buffalo	67	-4	84	50	0.28	18.46	14.80	4.54	4.57	1,562	-136
Dupree	67	-6	89	50	0.85	23.44	17.40	7.51	5.93	1,770	-179
McIntosh	67	-6	87	49	0.09	14.21	10.31	-0.15	-0.27	1,750	-133
Newell	68	-5	87	52	1.03	17.58	12.92	2.39	2.03	1,667	-156
Timber Lake	68	-4	90	51	0.23	22.38	16.28	5.99	4.85	1,827	-76
North Central											
Aberdeen	69	-3	85	52	0.06	23.76	17.48	6.66	5.44	1,922	-9
Faulkton	70	-3	85	51	0.00	20.89	14.85	5.30	3.15	1,853	-115
Mobridge	69	-5	87	49	0.47	17.07	11.86	2.47	2.41	1,773	-156
Roscoe	68	-3	84	55	0.42	23.41	16.35	6.01	3.90	1,742	43
Northeast											
Britton	69	-3	83	53	2.34	28.56	20.64	11.06	8.14	1,992	-6
Clear Lake	67	-4	81	54	0.20	25.05	16.76	4.72	3.49	1,690	-215
Sisseton	70	-2	84	56	0.21	27.62	18.46	8.92	6.07	1,874	-96
Watertown	68	-2	81	53	0.02	22.59	13.80	4.27	1.10	1,775	-101
Webster	69	-2	82	58	0.60	24.10	13.25	5.26	-0.15	1,856	-27
West Central											
Faith	67	-7	81	52	0.62	19.25	13.95	3.24	3.10	1,712	-231
Milesville	70	-5	95	52	1.00	19.90	15.32	2.70	3.07	1,894	-123
Philip	69	-6	87	51	0.03	17.46	13.04	2.48	2.22	1,840	-159
Rapid City	68	-5	88	50	0.51	16.57	12.60	1.86	2.18	1,675	-144
Spearfish	70	-2	90	55	0.05	18.51	12.51	0.23	0.69	1,723	-33
Central											
Chamberlain	71	-3	85	56	1.30	20.33	16.16	7.33	3.81	1,977	-120
Highmore	66	-7	83	51	0.46	16.73	12.22	2.83	0.12	1,792	-221
Huron	69	-4	84	52	0.93	21.33	14.58	3.30	2.21	2,044	23
Onida	67	-6	83	50	1.20	20.99	15.01	3.58	3.36	1,896	-149
Pierre	70	-6	86	52	0.81	25.64	19.00	8.26	6.74	1,897	-195
Wessington Spr.	71	-4	85	57	1.06	22.77	16.73	3.68	3.74	2,035	-72
East Central											
Brookings	67	-3	81	48	0.50	23.00	16.81	4.30	3.18	1,849	74
Madison	68	-3	82	49	0.98	23.49	18.29	2.64	4.03	1,885	-38
Mitchell	71	-2	87	55	0.80	21.16	15.55	2.72	3.20	2,159	53
Sioux Falls	70	-3	84	51	0.32	24.67	18.89	4.26	5.19	2,029	-31
Southwest											
Custer	62	-4	83	45	0.66	21.07	15.28	3.58	2.62	1,390	8
Hot Springs	70	-2	91	50	0.41	15.74	11.64	0.52	0.29	1,869	-66
Oelrichs	72	-2	96	52	0.41	13.31	10.52	-1.67	-0.32	1,817	-148
Porcupine	69	-4	92	50	0.53	20.96	14.30	5.55	3.17	1,818	-158
South Central											
Kennebec	70	-6	87	51	2.36	20.43	16.26	4.15	4.40	2,055	-148
Mission	68	-5	87	51	0.53	26.50	21.49	8.97	8.66	1,846	-55
Murdo	70	-5	86	57	1.84	29.05	23.54	11.30	11.34	1,902	-134
Winner	71	-5	88	56	1.77	23.43	19.69	5.03	5.49	2,060	-176
Southeast											
Academy	69	-3	88	52	1.36	23.89	20.90	4.25	7.12	1,955	-122
Centerville	69	-4	87	49	0.60	18.46	15.03	-1.73	0.13	2,109	54
Pickstown	72	-3	89	57	1.05	19.82	14.07	0.08	0.18	2,213	37
Vermillion	71	-4	88	53	0.99	18.58	13.89	-2.88	-0.95	2,328	-24
Yankton	71	-2	87	56	1.23	24.54	17.96	3.15	2.91	2,188	31