

South Dakota Weekly Crop Weather Report

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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Another week of warm and dry weather brought 6.5 days suitable for field work. Some areas are beginning to notice signs of stress on crops and pastures from lack of rain. Livestock conditions improved slightly, even though some pastures are showing signs of stress from decreased moisture. Major activities this week included; wrapping up small grain harvesting and preparing for winter wheat seeding, harvesting hay, preparing for harvesting of silage, and tending to livestock.

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

WEATHER INFORMATION

Light rain overall and generally warm temperatures were the consensus for the week, according to the State Climate Office of South Dakota. A couple storms left paths of damage early in the week and on Sunday morning. Strong wind gusts and large hail were the major issues with these storms. Except for the paths of these storm events, precipitation was quite light. Nearly ¾ of the stations reported here had less than 0.10 inch. Seven stations had no precipitation. Faulkton had the highest total with 1.92 inches for the week. The dry conditions continued to impact crop conditions mainly in the eastern part of the state. On the US Drought Monitor several areas in the east were added to D0 (Anomalously Dry) conditions on last week's map. A small area of D1 (Moderate Drought) existed just south of Sioux Falls.

Temperatures averaged mostly in the 70° s for the week. These were above average for the whole state ranging to as much as 9-11° F above average in the dry area in the southwest corner of the state. Daily highs over most of the state reached the 90° s F. Oelrichs and Porcupine shared the high temperature at 104° F. Porcupine also had the low temperature at 45° F. Growing degree day accumulation since April 1 is around average in an area from Aberdeen/Bowdle into the southeast corner of the state. Areas to the northeast and west of this band are below average accumulation. Typical accumulations are 6-9 days behind average.

SOIL CONDITION

Soil moisture conditions have dropped slightly with the continued shortage of rainfall in many areas. Topsoil moisture is rated at 65 percent adequate to surplus, 13 percentage points below last week, but still 6 percentage points above last year. Subsoil moisture was rated at 77 percent adequate to surplus, 6 percentage points below the previous week, but 9 percentage points above the previous year.

FIELD CROPS REPORT

Row crop development continues to advance slowly, with some areas starting to show stress from lack of rain. Soybeans setting pods are at 95 percent, behind the previous year of 99 percent. Eighty-seven percent of the corn is at or beyond the dough stage, with 26 percent in the dent stage, well behind the 5-year average of 39 percent. Small grain harvesting is nearly complete with the exception of barley. Spring wheat harvested is now 97 percent complete, slightly ahead of the 5-year average of 95 percent. Oats are 98 percent harvested, just 1 percentage point ahead of the 5-year average of 97 percent. Barley harvested is only 87 percent complete, still well behind the 5-year average of 94 percent by this date.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle and sheep conditions continue to be mostly in the good to excellent range. Cattle are rated 90 percent in good to excellent condition. Sheep are rated 88 percent in good to excellent condition. Pasture and range, with 76 percent in good to excellent condition, continue to be well ahead of the

5-year average of 54 percent. Stock water supplies are 93 percent adequate to surplus and feed supplies are 98 percent adequate to surplus, both ahead of the 5-year averages of 76 and 84 percent, respectively.

Feed and Water Supplies Comparison as of August 28, 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	1	1	9
Short	2	3	11	6	7	14
Adequate	83	78	74	81	71	66
Surplus	15	19	10	12	21	10

Soil Moisture Condition Comparison as of August 28, 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	7	1	11	5	1	7
Short	28	21	30	18	16	25
Adequate	57	70	55	66	71	56
Surplus	8	8	4	11	12	12

Crop and Livestock Conditions as of August 28, 2011

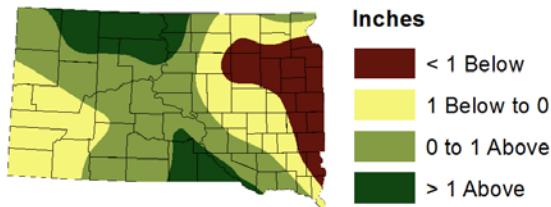
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	3	4	20	52	21
Soybeans	2	6	24	49	19
Sorghum	0	3	17	66	14
Sunflower	1	3	24	57	15
Alfalfa	1	3	17	62	17
Cattle	0	1	9	75	15
Sheep	0	2	10	73	15
Range & Pasture	2	5	17	60	16

Crop Progress as of August 28, 2011 ¹

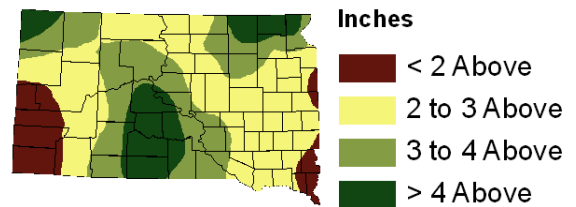
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	2	0	4	4
Barley				
Ripe	100	94	99	99
Harvested	87	65	94	94
Oats				
Harvested	98	90	99	97
Spring Wheat				
Harvested	97	86	95	95
Corn				
Dough	87	55	89	80
Dent	26	7	50	39
Mature	0	0	2	2
Silage Harvested	6	3	6	12
Soybeans				
Setting Pods	95	88	99	97
Dropping Leaves	6	1	15	12
Sorghum				
Headed	98	92	98	95
Coloring	41	39	60	54
Mature	0	0	1	2
Silage Harvested	0	0	2	13
Sunflower				
Blooming	96	86	97	96
Ray Flowers Dry	13	8	32	34
Bracts Yellow	3	3	8	11
Alfalfa				
2nd Cutting	98	93	95	96
3rd Cutting	51	37	48	51

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From July 30 to August 28, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to August 28, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 28, 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		
					Since April 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	74	4	94	54	0.05	18.64	14.13	2.61	2.77	2,001	-101
Buffalo	75	7	96	52	0.00	19.30	15.64	4.76	4.79	1,846	-111
Dupree	76	7	99	57	0.05	23.69	17.65	7.02	5.44	2,069	-167
McIntosh	73	4	99	52	0.08	15.19	11.29	0.12	0.00	2,005	-153
Newell	76	9	100	54	0.05	17.63	12.97	1.88	1.52	1,914	-187
Timber Lake	74	5	97	57	0.04	23.26	17.16	6.07	4.93	2,080	-106
North Central											
Aberdeen	70	1	93	49	0.05	24.28	18.00	6.10	4.88	2,195	-16
Faulkton	74	5	101	53	1.92	22.94	16.90	6.15	4.00	2,126	-129
Mobridge	75	5	102	52	0.09	18.02	12.81	2.60	2.54	2,069	-146
Roscoe	72	5	97	57	0.57	24.91	17.85	6.45	4.34	1,998	32
Northeast											
Britton	69	0	89	51	0.44	29.24	21.32	10.83	7.91	2,157	-130
Clear Lake	68	1	88	51	0.00	25.08	16.79	3.35	2.12	1,917	-258
Sisseton	70	2	91	54	0.40	30.93	21.77	11.10	8.25	2,134	-114
Watertown	69	3	92	49	0.00	22.70	13.91	3.08	-0.09	2,013	-133
Webster	72	4	91	57	0.05	24.43	13.58	4.26	-1.15	2,120	-36
West Central											
Faith	77	6	98	56	0.10	19.48	14.18	2.95	2.81	1,994	-235
Milesville	78	6	102	56	0.05	20.00	15.42	2.01	2.38	2,197	-118
Philip	78	6	103	55	0.02	17.48	13.06	1.78	1.52	2,112	-183
Rapid City	79	9	101	61	0.00	16.57	12.60	1.16	1.48	1,984	-115
Spearfish	74	6	95	49	0.53	19.05	13.05	0.07	0.53	1,941	-87
Central											
Chamberlain	76	5	96	56	0.01	20.69	16.52	6.85	3.33	2,387	-20
Highmore	72	2	96	54	0.26	17.02	12.51	2.27	-0.44	2,083	-227
Huron	72	3	94	53	0.07	21.42	14.67	2.50	1.41	2,339	24
Onida	74	5	95	54	0.22	21.05	15.07	3.15	2.93	2,169	-176
Pierre	75	3	96	54	0.07	25.75	19.11	7.57	6.05	2,207	-195
Wessington Spr.	77	6	96	59	0.10	22.91	16.87	2.84	2.90	2,348	-60
East Central											
Brookings	69	3	92	48	0.32	23.46	17.27	3.40	2.28	2,085	57
Madison	70	3	90	48	0.70	24.29	19.09	1.98	3.37	2,144	-56
Mitchell	77	7	99	57	0.00	21.49	15.88	1.97	2.45	2,423	17
Sioux Falls	71	2	94	50	0.00	24.79	19.01	2.98	3.91	2,308	-44
Southwest											
Custer	72	8	94	51	0.00	21.09	15.30	2.57	1.61	1,466	-137
Hot Springs	79	11	102	53	0.33	16.20	12.10	0.25	0.02	2,156	-55
Oelrichs	79	9	104	52	0.05	13.44	10.65	-2.24	-0.89	2,100	-155
Porcupine	78	9	104	45	0.05	21.06	14.40	5.62	3.24	2,110	-153
South Central											
Kennebec	77	4	97	56	0.04	20.72	16.55	3.59	3.84	2,344	-175
Mission	76	6	95	57	0.03	26.60	21.59	8.29	7.98	2,138	-48
Murdo	77	6	97	60	0.44	30.06	24.55	11.66	11.70	2,204	-131
Winner	75	2	96	56	0.47	23.95	20.21	4.65	5.11	2,411	-147
Southeast											
Academy	73	4	95	55	0.07	24.75	21.76	4.16	7.03	2,231	-141
Centerville	73	3	93	48	0.27	18.73	15.30	-2.72	-0.86	2,391	51
Pickstown	77	5	95	58	0.02	20.75	15.00	-0.10	0.00	2,517	23
Vermillion	74	2	91	51	1.01	20.67	15.98	-2.05	-0.12	2,637	-35
Yankton	74	3	90	54	0.71	27.13	20.55	4.55	4.31	2,484	22

DATA AND MAP SOURCE: State Climate Office of South Dakota