

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 dry weather brought 6.8 days suitable for field work last week. Row crops are beginning to reach maturity, though some could still benefit from a late growing season rain. Range and pasture conditions have decreased some into the fair range from good to excellent, but livestock conditions are holding steady in the good to excellent range. Major activities this week included; winter wheat seeding, harvesting of silage, preparing machinery for row crop harvest and working cattle.

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

WEATHER INFORMATION

High pressure covered the state during the week leading to little cloudiness and very quiet weather, according to the State Climate Office of South Dakota. A couple fronts passed bringing some slightly cooler air and wind shifts. Neither had sufficient moisture to produce any rainfall across the state. No precipitation occurred anywhere in the state during the week. This is a rather unusual occurrence that no one received any measureable amounts. In some areas East River this is leading to a problem where dryness over the last 30-45 days is causing some early drydown and stress in crops. The longer term dryness during the summer in the area around Hamlin County in the east central part of the state led to introduction of D1 (Moderate Drought) on the US Drought Monitor with last week's map. Much larger areas have been dry over the last 30-45 days.

Temperature conditions were somewhat variable during the week with cooler temperatures early and warmer conditions later in the week. Most locations were above average in temperature by 1-5° F. Stations across the south and into central parts of the state were below average by up to 4° F. The high for the week was 93° F at Milesville; the low was at Custer with 32° F. Growing degree days continue to lag across most of the western parts of the state. The far southeast and an area extending north to around Aberdeen are slightly ahead or close to average since April 1.

SOIL CONDITION

Soil moisture conditions have dropped slightly with topsoil beginning to dry out more than subsoil from warm dry winds and lack of rain in many areas. Topsoil moisture is rated at 61 percent adequate to surplus, 3 percentage points below last week, and 10 percentage points below last year. Subsoil moisture was rated at 70 percent adequate to surplus, equal with the previous week but 3 percentage points below the previous year.

FIELD CROPS REPORT

Row crops are beginning to reach maturity, though some are still behind last years' development and the five year averages. Soybeans dropping leaves are at 33 percent, behind the previous year of 45 percent. Seventy-nine percent of the corn is now at the dent stage, with 10 percent rated mature, behind last year at 19 percent mature. Harvesting of corn silage is now 41 percent complete, behind last year at 54 percent, but slightly ahead of the 5-year average of 40 percent. Sunflower in the ray flowers dry stage are estimated at 86 percent, ahead of last years' 82 percent. Sorghum is 87 percent coloring, ahead of the 5-year average of 84 percent. Third cuttings of alfalfa are 81 percent complete, ahead of the previous year of 75 percent. Producers are making progress with seeding of winter wheat with 17 percent complete, 2 percentage points ahead of last year and only 1 percentage point behind the 5-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle and sheep conditions are holding up well, even though range and pasture conditions are beginning to decrease some into the fair range. Cattle are rated 84 percent in good to excellent condition. Sheep are rated 86 percent in good to excellent condition. Range and pasture is reported at 65 percent in good to excellent condition, down 9 percentage points from last week, but still ahead of the 5-year average of 53 percent.

Feed and Water Supplies Comparison as of September 11, 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	0	9
Short	4	4	10	6	7	15
Adequate	81	75	74	81	73	68
Surplus	15	21	11	12	19	8

Soil Moisture Condition Comparison as of September 11, 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	8	8	4	7	6
Short	32	28	21	26	23	21
Adequate	58	59	57	62	61	56
Surplus	3	5	14	8	9	17

Crop and Livestock Conditions as of September 11, 2011

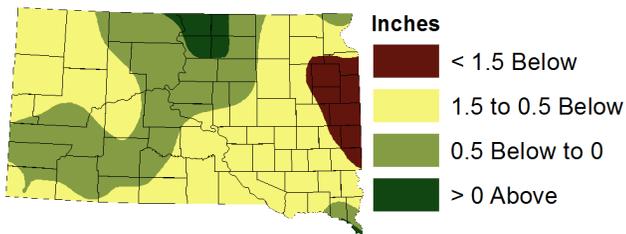
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	7	24	51	16
Soybeans	2	6	24	53	15
Sorghum	0	3	16	68	13
Sunflower	0	1	40	46	13
Alfalfa	2	3	24	62	9
Cattle	0	1	15	72	12
Sheep	0	1	13	69	17
Range & Pasture	2	5	28	52	13

Crop Progress as of September 11, 2011 ¹

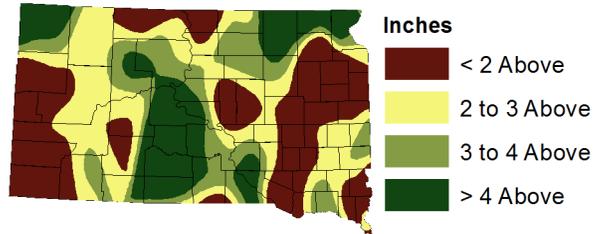
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	17	6	15	18
Emerged	0	0	2	1
Corn				
Dough	98	92	100	97
Dent	79	56	84	78
Mature	10	2	19	16
Silage Harvested	41	20	54	40
Soybeans				
Dropping Leaves	33	24	45	43
Mature	1	0	6	4
Sorghum				
Coloring	87	79	93	84
Mature	5	4	20	15
Grain Harvested	0	0	1	1
Silage Harvested	7	2	41	41
Sunflower				
Ray Flowers Dry	86	51	82	79
Bracts Yellow	65	15	48	50
Mature	0	0	3	3
Alfalfa				
3rd Cutting	81	74	75	72

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From August 13 to September 11, 2011



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to September 11, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 11, 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	66	2	87	38	0.00	18.76	14.25	2.17	2.33	2,259	-77
Buffalo	67	5	88	38	0.00	19.31	15.65	4.29	4.32	2,083	-96
Dupree	66	3	86	44	0.00	24.04	18.00	6.80	5.22	2,319	-168
McIntosh	66	3	89	44	0.00	15.35	11.45	-0.36	-0.48	2,259	-131
Newell	66	2	89	40	0.00	18.22	13.56	1.91	1.55	2,272	-63
Timber Lake	68	5	92	46	0.00	23.26	17.16	5.47	4.33	2,356	-72
North Central											
Aberdeen	64	1	87	41	0.00	24.75	18.47	5.68	4.46	2,441	-10
Faulkton	64	0	83	45	0.00	23.25	17.21	5.53	3.38	2,357	-149
Mobridge	65	0	86	41	0.00	18.52	13.31	2.43	2.37	2,316	-141
Roscoe	65	3	86	45	0.00	25.12	18.06	6.26	4.15	2,216	28
Northeast											
Britton	65	1	84	43	0.00	29.42	21.50	10.03	7.11	2,376	-160
Clear Lake	62	0	82	43	0.00	25.34	17.05	2.42	1.19	2,127	-281
Sisseton	66	3	83	43	0.00	31.02	21.86	10.21	7.36	2,373	-117
Watertown	63	2	85	42	0.00	22.88	14.09	2.18	-0.99	2,287	-86
Webster	66	4	83	48	0.00	24.43	13.58	3.25	-2.16	2,261	-124
West Central											
Faith	67	1	88	41	0.00	19.89	14.59	2.88	2.74	2,262	-221
Milesville	68	2	93	47	0.00	20.48	15.90	1.86	2.23	2,457	-116
Philip	65	-1	90	41	0.00	18.12	13.70	1.84	1.58	2,370	-181
Rapid City	66	2	89	41	0.00	17.87	13.90	1.90	2.22	2,234	-105
Spearfish	68	3	89	44	0.00	19.85	13.85	0.24	0.70	2,202	-55
Central											
Chamberlain	67	1	87	47	0.00	20.81	16.64	5.99	2.47	2,661	-20
Highmore	64	-1	84	42	0.00	17.81	13.30	2.25	-0.46	2,325	-246
Huron	65	0	86	45	0.00	22.56	15.81	2.80	1.71	2,592	16
Onida	65	0	86	44	0.00	22.17	16.19	3.08	2.86	2,433	-177
Pierre	66	-1	86	47	0.00	26.79	20.15	7.91	6.39	2,470	-201
Wessington Spr.	68	1	84	48	0.00	23.18	17.14	2.12	2.18	2,585	-90
East Central											
Brookings	62	0	85	40	0.00	24.00	17.81	2.68	1.56	2,294	46
Madison	62	0	85	40	0.00	24.75	19.55	1.12	2.51	2,346	-96
Mitchell	68	3	88	46	0.00	21.64	16.03	0.99	1.47	2,699	27
Sioux Falls	64	-1	87	42	0.00	25.79	20.01	2.70	3.63	2,547	-61
Southwest											
Custer	58	-1	81	32	0.00	22.42	16.63	3.13	2.17	1,649	-148
Hot Springs	66	3	89	40	0.00	16.51	12.41	-0.14	-0.37	2,411	-48
Oelrichs	64	0	90	42	0.00	14.34	11.55	-2.01	-0.66	2,365	-146
Porcupine	65	2	88	43	0.00	21.67	15.01	5.67	3.29	2,371	-148
South Central											
Kennebec	66	-1	92	43	0.00	20.89	16.72	3.06	3.31	2,619	-184
Mission	66	2	88	46	0.00	26.78	21.77	7.77	7.46	2,392	-43
Murdo	68	2	85	47	0.00	30.37	24.86	11.41	11.45	2,477	-126
Winner	65	-3	86	46	0.00	24.29	20.55	4.04	4.50	2,673	-174
Southeast											
Academy	65	0	85	44	0.00	24.92	21.93	3.32	6.19	2,472	-170
Centerville	62	-3	86	41	0.00	20.82	17.39	-1.76	0.10	2,621	28
Pickstown	67	0	88	46	0.00	20.85	15.10	-1.12	-1.02	2,799	21
Vermillion	64	-4	85	43	0.00	22.65	17.96	-1.24	0.69	2,884	-81
Yankton	64	-3	84	45	0.00	28.33	21.75	4.64	4.40	2,731	-3

DATA AND MAP SOURCE: State Climate Office of South Dakota