

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Harvest is in full swing with most small grains 50 percent harvested. Grasshoppers are an issue in some south central areas of the state, while other areas are dealing with the affects of severe weather. There were 3.9 days suitable for field work last week. Major farm activities included continuing of small grain harvest and checking on progress of row crops.

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

WEATHER INFORMATION

The week was very active weather-wise producing heavy rainfall in several areas, but also severe weather, according to the State Climate Office of South Dakota. Large hail (to over 3 inches diameter) and strong winds damaged crops along storm tracks north of the Black Hills, and from south central to southeast parts of the state. Several counties reported heavily damaged fields from the large hail and hail-wind combination. These same areas and the northeast part of the state also received some heavier rainfalls. The whole state reported some precipitation. Sisseton reported the highest at 3.07 inches. Six other stations reported over 2 inches for the week. Vermillion had the lowest at 0.14 inch.

For temperatures and conditions, it was the same old story. Temperatures ranged from near average in the far southwest to 8°F below average in the northwest to north central. Mission reported the highest temperature for the week at 99°F; Bison and Dupree had the lowest at 43°F. Growing degree day accumulation lost even more ground. Statewide accumulation ranges from 1 -3 weeks behind average currently.

SOIL CONDITION

Topsoil rated at 78 percent in the adequate to surplus range last week, 1 percentage point ahead of last years rating and ahead of the five-year average of 49 percent. Subsoil was rated at 71 percent in the adequate to surplus range, behind last year by 7 percentage points and ahead of the five-year average of 48 percent.

FIELD CROPS REPORT

Small grain harvest is in mid season, with winter wheat leading the way. Winter wheat harvested was at 77 percent last week, behind the five-year average of 96 percent. Spring wheat is at 81 percent ripe, compared to 93 percent for the five-year average. Forty-three percent of spring wheat has been harvested, behind the five-year average by 23 percentage points. Soybeans are at 89 percent blooming last week, compared to 92 percent last year. Sixty-one percent of soybeans have set pods, behind the five-year average by 4 percentage points. Sorghum was at 47 percent headed compared to 58 percent last year. Corn tasseled was at 91 percent, compared to 93 percent a year ago and 97 percent for the five-year average. Fifty-seven percent of corn has silked, behind the five-year average by 30 percentage points. Corn in the dough stage was at 4 percent last week compared to 14 percent a year ago and 24 percent for the five-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep rated at 86 percent in the good to excellent condition, 7 percentage points behind last year but only 2 points behind the

Feed and Water Supplies Comparison as of August 9, 2009

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	7	0	1	16
Short	2	5	18	6	10	23
Adequate	89	83	68	87	77	56
Surplus	9	12	7	7	12	5

five-year average. Cattle rated at 86 percent in the good to excellent condition, behind last year's rating of 89 percent but ahead of the five-year average of 80 percent. Range and pasture rated at 74 percent in good to excellent condition, ahead of the five-year average by 31 percentage points.

Soil Moisture Condition Comparison as of August 9, 2009

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	7	4	4	10	5
Short	21	35	19	25	29	17
Adequate	74	54	72	68	57	71
Surplus	4	4	5	3	4	7

Crop and Livestock Conditions as of August 9, 2009

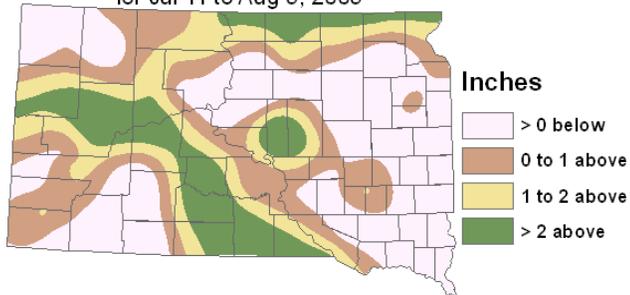
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring Wheat	2	8	28	54	8
Barley	0	8	21	62	9
Oats	0	6	27	58	9
Corn	1	3	19	56	21
Soybeans	0	5	32	55	8
Sorghum	0	2	20	70	8
Sunflower	0	3	18	69	10
Alfalfa	4	8	21	57	10
Cattle	0	1	13	65	21
Sheep	0	1	13	65	21
Range & Pasture	3	4	19	59	15

Crop Progress as of August 9, 2009 ¹

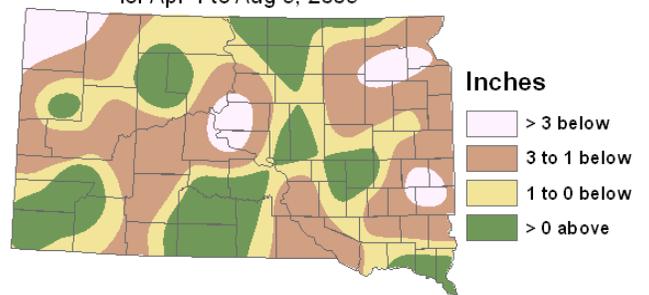
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Ripe	97	93	100	100
Harvested	77	63	87	96
Barley				
Turning Color	89	88	100	99
Ripe	54	47	88	90
Harvested	29	18	30	55
Oats				
Turning Color	96	91	100	100
Ripe	79	59	88	94
Harvested	47	27	55	78
Spring Wheat				
Ripe	81	51	84	93
Harvested	43	18	30	66
Corn				
2nd cult./spray	94	91	100	100
Tasseled	91	73	93	97
Silked	57	45	77	87
Dough	4	1	14	24
Soybeans				
Blooming	89	80	92	95
Setting Pods	61	34	50	65
Sorghum				
Headed	47	28	58	73
Coloring	10	8	4	12
Sunflower				
Blooming	37	17	31	50
Ray Flowers Dry	1	0	2	4
Alfalfa				
2nd Cutting	81	70	82	87
3rd Cutting	13	4	12	20
Other Hay				
Cut	85	83	89	91

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Jul 11 to Aug 9, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Aug 9, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 9, 2009

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	64	-8	88	43	0.67	18.52	8.55	3.43	-1.87	1,475	-303
Buffalo	65	-4	85	47	0.63	12.93	6.44	-1.61	-4.17	1,394	-94
Dupree	68	-5	91	43	1.18	20.16	12.76	4.65	1.71	1,606	-200
McIntosh	64	-9	89	47	0.85	16.75	9.54	2.76	-0.53	1,361	-440
Newell	69	-3	92	50	2.31	16.40	9.91	2.76	0.36	1,463	-312
Timber Lake	65	-7	88	45	1.87	19.68	10.99	3.60	-0.13	1,561	-232
North Central											
Aberdeen	65	-6	88	48	1.44	18.31	9.73	1.58	-1.94	1,534	-286
Faulkton	67	-6	89	49	0.64	17.99	11.24	1.28	-0.01	1,531	-301
Mobridge	66	-7	88	45	1.25	16.32	9.68	1.98	-0.41	1,535	-309
Roscoe	65	-6	87	47	0.52	20.48	12.84	3.48	0.79	1,456	-223
Northeast											
Britton	65	-6	85	44	2.85	23.09	11.70	6.03	-0.40	1,394	-409
Clear Lake	66	-3	84	52	0.48	23.82	12.00	2.68	-2.03	1,398	-267
Sisseton	66	-5	85	49	3.07	21.20	9.46	2.85	-2.58	1,520	-277
Watertown	67	-2	88	52	1.22	19.84	10.99	1.96	-1.32	1,425	-194
Webster	66	-4	82	52	0.64	18.26	8.63	0.15	-4.04	1,448	-263
West Central											
Faith	66	-8	90	46	1.64	16.59	10.80	0.99	-0.09	1,481	-403
Milesville	70	-5	93	49	1.08	16.95	9.85	-0.07	-2.22	1,671	-254
Philip	70	-4	95	50	1.23	14.15	7.71	-0.65	-2.87	1,738	-185
Rapid City	68	-4	92	50	1.21	16.55	10.42	2.08	0.20	1,450	-233
Spearfish	69	-3	88	49	2.65	20.20	10.62	1.15	-1.97	1,583	-116
Central											
Chamberlain	71	-3	88	56	1.30	17.78	11.07	-1.03	-1.99	1,784	-116
Highmore	67	-6	89	49	1.47	18.29	12.91	0.21	0.07	1,569	-270
Huron	69	-4	84	53	0.86	20.89	11.41	3.20	-0.68	1,670	-238
Onida	66	-6	88	46	0.89	13.71	7.41	-3.14	-3.86	1,554	-288
Pierre	70	-5	93	52	1.27	14.89	8.29	-2.20	-3.73	1,705	-292
East Central											
Brookings	67	-2	86	53	0.16	20.02	11.59	1.82	-1.54	1,457	-230
Forestburg	70	-4	92	55	0.47	22.72	14.41	3.95	1.64	1,805	-236
Madison	68	-2	85	51	0.55	17.79	10.24	-2.51	-3.47	1,561	-131
Mitchell	71	-2	86	57	0.47	21.46	12.17	2.55	-0.67	1,847	-129
Sioux Falls	71	-1	87	56	0.18	19.73	10.40	-0.21	-2.90	1,720	-182
Southwest											
Custer	64	-2	84	46	0.84	15.71	12.05	-1.39	-0.30	1,097	-166
Hot Springs	73	1	94	53	2.03	16.34	12.21	1.52	1.26	1,689	-119
Oelrichs	74	0	98	53	1.01	17.64	10.70	2.82	0.14	1,660	-186
Porcupine	72	0	97	50	0.69	17.89	10.40	2.73	-0.48	1,593	-219
South Central											
Kennebec	73	-3	94	53	1.28	18.34	12.00	2.41	0.49	1,833	-272
Mission	70	-2	99	50	1.74	20.19	13.52	2.95	0.98	1,669	-150
Murdo	72	-2	97	54	2.87	19.82	12.58	2.35	0.66	1,728	-170
Winner	72	-4	91	57	2.95	20.35	13.86	0.16	-0.03	1,807	-329
Southeast											
Armour	71	-4	88	59	0.44	19.40	12.52	-0.52	-0.91	1,763	-386
Centerville	71	-2	90	56	0.16	23.36	14.08	2.76	-0.22	1,702	-297
Pickstown	72	-2	97	57	1.64	19.59	11.21	0.25	-2.28	1,761	-282
Vermillion	73	-1	91	56	0.14	26.98	15.74	5.98	1.36	1,922	-317
Yankton	74	0	93	61	0.17	25.52	15.09	4.63	0.54	1,837	-200

DATA AND MAP SOURCE: State Climate Office of South Dakota