

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Harvesting of winter wheat is coming to an end while other small grains will follow in the next few weeks. Insect problems range from grasshopper infestation to soybean aphids. There were 4.5 days suitable for field work last week. Major farm activities include continuing harvest of small grains and spraying of insects.

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

WEATHER INFORMATION

Warmer temperatures (for parts of the state), some heavy rains and storm damage were the topics of the week, according to the State Climate office of South Dakota. Several storm systems dropped heavier rainfalls, hail to quarter size and wind gusts over 60 mph in parts of southwest, south central and northeast South Dakota during the week. Extension reports did indicate crops being knocked over with the heavy winds. Eight stations reported here noted over 2 inch amounts for the week (Chamberlain largest at 2.87 inches). Other unofficial reports indicated several inches more in places. Parts of the state had a very quiet week with very little precipitation. Spearfish reported the least at 0.01 inch and 13 stations reported less than 0.5 inch.

Temperatures varied across the state for the week from 3-4° F colder than average in the southwest to 3-4° F warmer than average in the northeast. Oelrichs reported the highest at 102° F; Custer reported the lowest at 39° F. These temperatures held the line for crop development and GDD accumulation. These accumulations range from around 10-18 days behind average.

SOIL CONDITION

Topsoil rated at 80 percent in the adequate to surplus range last week, equal to last years rating but ahead of the five-year average of 54 percent. Subsoil was rated at 70 percent in the adequate to surplus range, behind last year by 9 percentage points but ahead of the five-year average of 49 percent.

FIELD CROPS REPORT

Winter wheat harvested was at 90 percent last week, behind the five-year average of 99 percent. Spring wheat is at 94 percent ripe, compared to 98 percent for the five-year average. Sixty-six percent of spring wheat has been harvested, 5 percentage points ahead of last year, but behind the five-year average of 83 percent. Corn tasseled is at 97 percent, compared to 98 percent a year ago and 100 percent for the five-year average. Eighty-four percent of corn has silked, behind the five-year average by 11 percentage points. Corn in the dough stage was at 16 percent, compared to 46 percent for the five-year average. Soybeans are at 97 percent blooming last week, equal to the percentage a year ago. Eighty-one percent of soybeans have set pods, ahead of last year by 11 percentage points. Soybeans dropping leaves are 2 percent, equal to the five year average. Sorghum was at 58 percent headed compared to 87 percent for the five-year average.

Feed and Water Supplies Comparison as of August 16, 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	18
Short	2	5	17	4	9	21
Adequate	87	81	69	87	75	56
Surplus	11	14	7	9	15	5

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep rated at 88 percent in the good to excellent condition, 5 percentage points behind last year but only 3 points behind the five-year average. Cattle rated at 89 percent in the good to excellent condition, equal to last year's rating but ahead of the five-year average of 80 percent. Range and pasture rated at 76 percent in the good to excellent condition, ahead of the five-year average by 35 percentage points.

Soil Moisture Condition Comparison as of August 16, 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	0	1	1	2	4	4
Short	20	21	18	28	25	17
Adequate	75	74	77	66	68	73
Surplus	5	4	4	4	3	6

Crop and Livestock Conditions as of August 16, 2009

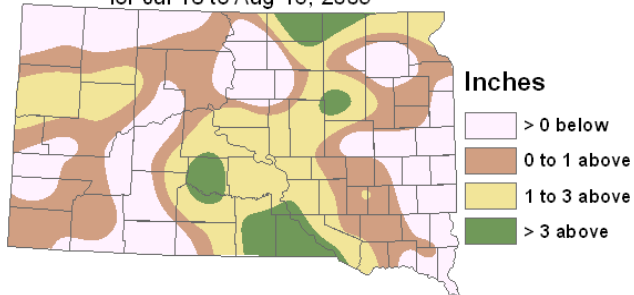
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Spring Wheat	2	8	28	54	8
Barley	0	8	22	58	12
Oats	0	6	27	58	9
Corn	0	4	25	49	22
Soybeans	1	4	32	51	12
Sorghum	1	2	17	65	15
Sunflower	0	2	23	60	15
Alfalfa	1	4	21	60	14
Cattle	0	0	11	66	23
Sheep	0	1	11	64	24
Range & Pasture	1	3	20	59	17

Crop Progress as of August 16, 2009 ¹

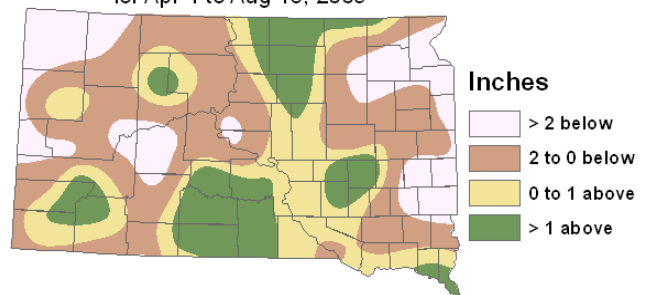
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Harvested	90	77	96	99
Barley				
Turning Color	97	89	100	100
Ripe	79	54	95	97
Harvested	43	29	63	78
Oats				
Ripe	91	79	96	98
Harvested	67	47	78	90
Spring Wheat				
Ripe	94	81	95	98
Harvested	66	43	61	83
Corn				
Tasseled	97	91	98	100
Silked	84	57	89	95
Dough	16	4	30	46
Dent	0	0	3	11
Soybeans				
Blooming	97	89	97	98
Setting Pods	81	61	70	81
Dropping Leaves	2	0	0	2
Sorghum				
Headed	58	47	81	87
Coloring	19	10	17	24
Sunflower				
Blooming	63	37	62	75
Ray Flowers Dry	3	1	3	10
Alfalfa				
2nd Cutting	86	81	86	91
3rd Cutting	19	13	22	30
Other Hay				
Cut	92	85	92	94

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Jul 18 to Aug 16, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Aug 16, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 16, 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		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	71	0	94	48	0.29	18.81	8.84	3.37	-1.93	1,616	-315
Buffalo	69	0	96	44	0.07	13.00	6.51	-1.82	-4.38	1,524	-97
Dupree	70	-2	94	50	0.25	20.41	13.01	4.48	1.54	1,740	-218
McIntosh	71	-1	96	49	0.28	17.03	9.82	2.64	-0.65	1,496	-458
Newell	68	-4	94	50	0.62	17.02	10.53	3.10	0.70	1,582	-348
Timber Lake	73	1	98	51	0.36	20.04	11.35	3.53	-0.20	1,706	-241
North Central											
Aberdeen	71	0	92	53	1.14	19.45	10.87	2.16	-1.36	1,683	-288
Faulkton	73	1	95	53	2.12	20.11	13.36	2.77	1.48	1,683	-304
Mobridge	72	0	92	51	0.62	16.94	10.30	2.18	-0.21	1,685	-320
Roscoe	73	2	94	55	2.42	22.90	15.26	5.34	2.65	1,607	-213
Northeast											
Britton	71	0	91	55	1.32	24.41	13.02	6.86	0.43	1,541	-411
Clear Lake	72	2	91	56	0.45	24.27	12.45	2.43	-2.28	1,551	-254
Sisseton	74	3	94	59	0.75	21.95	10.21	2.99	-2.44	1,683	-263
Watertown	73	4	93	56	1.38	21.22	12.37	2.64	-0.64	1,579	-173
Webster	73	3	91	57	0.85	19.11	9.48	0.28	-3.91	1,610	-245
West Central											
Faith	71	-2	94	48	0.47	17.06	11.27	1.16	0.08	1,623	-422
Milesville	72	-2	96	48	0.10	17.05	9.95	-0.44	-2.59	1,816	-270
Philip	71	-2	99	50	0.52	14.67	8.23	-0.54	-2.76	1,873	-206
Rapid City	68	-3	97	46	0.19	16.74	10.61	1.91	0.03	1,572	-264
Spearfish	71	0	92	51	0.01	20.21	10.63	0.77	-2.35	1,724	-126
Central											
Chamberlain	74	0	92	56	2.87	20.65	13.94	1.33	0.37	1,948	-111
Highmore	73	0	94	52	1.19	19.48	14.10	0.87	0.73	1,719	-276
Huron	74	1	91	55	0.39	21.28	11.80	3.10	-0.78	1,832	-234
Onida	71	0	92	51	2.67	16.38	10.08	-0.96	-1.68	1,695	-302
Pierre	74	0	97	54	2.14	17.03	10.43	-0.48	-2.01	1,861	-301
East Central											
Brookings	72	2	91	56	0.83	20.85	12.42	1.95	-1.41	1,608	-215
Forestburg	73	0	89	56	1.76	24.48	16.17	5.22	2.91	1,963	-240
Madison	71	1	89	53	0.54	18.33	10.78	-2.73	-3.69	1,708	-122
Mitchell	74	1	90	57	1.66	23.12	13.83	3.72	0.50	2,012	-125
Sioux Falls	73	1	91	57	0.48	20.21	10.88	-0.43	-3.12	1,881	-173
Southwest											
Custer	62	-3	89	39	0.16	15.87	12.21	-1.79	-0.70	1,196	-178
Hot Springs	70	0	96	47	0.17	16.51	12.38	1.27	1.01	1,822	-128
Oelrichs	70	-3	102	48	0.69	18.33	11.39	3.13	0.45	1,786	-211
Porcupine	69	-3	99	46	1.62	19.51	12.02	4.00	0.79	1,717	-243
South Central											
Kennebec	74	-1	94	53	1.18	19.52	13.18	3.11	1.19	1,991	-279
Mission	72	0	93	52	1.21	21.40	14.73	3.73	1.76	1,817	-161
Murdo	74	0	94	53	2.35	22.17	14.93	4.32	2.63	1,886	-175
Winner	73	-2	93	55	2.10	22.45	15.96	1.77	1.58	1,962	-342
Southeast											
Armour	74	0	92	59	1.58	20.98	14.10	0.56	0.17	1,927	-389
Centerville	74	2	91	58	1.19	24.55	15.27	3.32	0.34	1,867	-289
Pickstown	74	0	95	56	2.76	22.35	13.97	2.45	-0.08	1,923	-288
Vermillion	75	0	91	58	0.78	27.76	16.52	6.13	1.51	2,091	-318
Yankton	75	2	96	59	0.90	26.42	15.99	4.83	0.74	2,000	-199

DATA AND MAP SOURCE: State Climate Office of South Dakota