

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 small grains has slowly begun for the majority of the state with some areas only a few days away. Still warmer temperatures are desired for row crop development and cutting of hay; while grasshoppers are starting to cause some problems in fields and pastures. There were 5.6 days suitable for field work last week. Major farm activities included continuing of hay cutting, 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

A near record cold month in July ended with another below average week for temperatures according to the State Climate Office of South Dakota. While many stations did get into the 90's during the week (Philip recorded the highest temperature at 100°F, most of the stations in the state were well below average again. The state ranged from 6 – 11°F below average for the week. Many stations in the state were in the top 5 coolest on record for July. For the week Porcupine had the lowest temperature at 39°F. GDD accumulation continues to lose ground. Accumulations are running 1 – 2.5 weeks behind average since April 1.

Precipitation was again moderate with all stations reporting some precipitation. Heaviest amounts were in the south central to southeast areas. Yankton reported the most at 1.50 inches. Philip reported the least at 0.08 inch. Accumulated totals for the growing season for most of the state are below average. Cooler temperatures are helping mitigate the precipitation shortfalls over much of the state.

SOIL CONDITION

Topsoil rated at 58 percent in the adequate to surplus range, behind last year's 81 percent, but ahead of the 44 percent for the five-year average. Subsoil was at 61 percent in the adequate to surplus range, behind last year's 78 percent but ahead of the five-year average of 47 percent.

FIELD CROPS REPORT

Harvesting of small grains is a slow process with the cool damp weather. Winter wheat was at 63 percent harvested, behind the five-year average of 88 percent. Spring wheat turning color was at 96 percent last week, equal to last year. Fifty-one percent of spring wheat was reported as ripe compared to 55 percent a year ago and 76 percent for the five-year average. Harvesting of spring wheat was 18 percent complete last week, behind the five-year average by 24 percentage points. Soybeans were at 80 percent blooming last week, behind the five-year average of 88 percent. Thirty-four percent of soybeans have set pods last week, compared to 22 percent a year ago and 39 percent for the five-year average. Corn tasseled was at 73 percent, behind last year by 7 percentage points and 16 percentage points behind the five-year average. Forty-five percent of corn has silked, 9 percentage points behind last year, 21 percentage points behind the five-year average.

Feed and Water Supplies Comparison as of August 2, 2009

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	1	0	7	2	1	17
Short	5	3	16	7	8	23
Adequate	84	84	69	83	77	55
Surplus	10	13	8	8	14	5

LIVESTOCK, PASTURE, AND RANGE REPORT

Sheep rated at 87 percent in the good to excellent condition, 6 percentage points behind last year but equal to the five-year average. Cattle rated at 85 percent in the good to excellent condition, behind last year's rating of 90 percent but ahead of the five-year average of 80 percent. Range and pasture rated at 64 percent, ahead of the five-year average by 19 percentage points.

Soil Moisture Condition Comparison as of August 2, 2009

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	7	8	1	10	12	2
Short	35	29	18	29	27	20
Adequate	54	57	77	57	56	73
Surplus	4	6	4	4	5	5

Crop and Livestock Conditions as of August 2, 2009

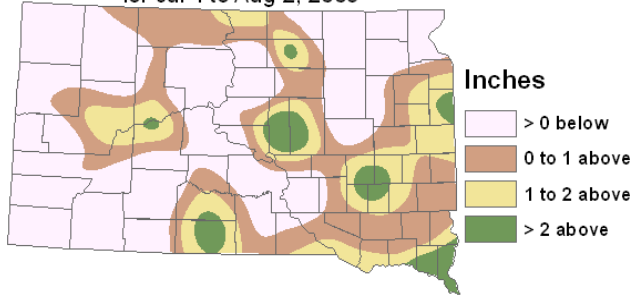
Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Winter Wheat	4	13	31	38	14
Spring Wheat	2	8	26	47	17
Barley	0	8	28	54	10
Oats	1	5	24	54	16
Corn	1	4	19	54	22
Soybeans	2	4	23	55	16
Sorghum	1	2	18	64	15
Sunflower	1	4	17	64	14
Alfalfa	4	11	19	50	16
Cattle	0	1	14	64	21
Sheep	0	1	12	66	21
Range & Pasture	4	8	24	48	16

Crop Progress as of August 2, 2009 ¹

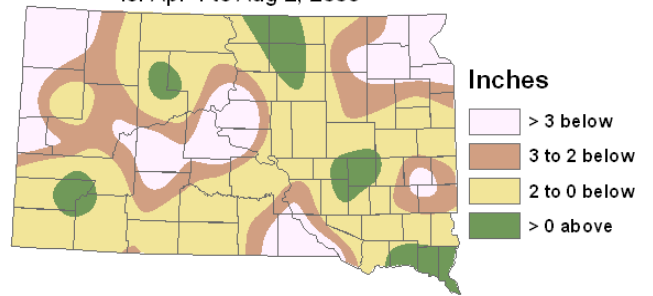
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Ripe	93	86	96	98
Harvested	63	40	61	88
Barley				
Turning Color	88	77	97	97
Ripe	47	14	64	73
Harvested	18	0	9	33
Oats				
Turning Color	91	82	96	98
Ripe	59	37	70	83
Harvested	27	5	26	58
Spring Wheat				
Turning Color	96	85	96	99
Ripe	51	25	55	76
Harvested	18	3	8	42
Corn				
2nd cult./spray	91	88	99	100
Tasseled	73	36	80	89
Silked	45	15	54	66
Dough	1	0	5	10
Soybeans				
Blooming	80	78	83	88
Setting Pods	34	19	22	39
Sorghum				
Headed	28	17	39	56
Coloring	8	0	1	6
Sunflower				
Blooming	17	8	14	26
Alfalfa				
2nd Cutting	70	63	73	81
3rd Cutting	4	0	4	11
Other Hay				
Cut	83	80	85	88

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Jul 4 to Aug 2, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Aug 2, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, August 2, 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	65	-8	89	42	0.29	17.85	7.88	3.14	-2.16	1,365	-255
Buffalo	63	-6	88	45	0.21	12.30	5.81	-1.89	-4.45	1,285	-62
Dupree	66	-7	90	45	0.38	18.98	11.58	3.89	0.95	1,479	-170
McIntosh	63	-10	89	44	0.27	15.90	8.69	2.33	-0.96	1,263	-382
Newell	64	-10	94	45	0.24	14.09	7.60	0.80	-1.60	1,330	-286
Timber Lake	65	-7	88	44	0.29	17.81	9.12	2.22	-1.51	1,451	-180
North Central											
Aberdeen	64	-8	87	48	0.18	16.87	8.29	0.70	-2.82	1,423	-239
Faulkton	64	-9	94	49	0.30	17.35	10.60	1.27	-0.02	1,412	-261
Mobridge	64	-10	90	48	0.14	15.07	8.43	1.20	-1.19	1,418	-260
Roscoe	65	-6	92	50	0.17	19.96	12.32	3.53	0.84	1,347	-182
Northeast											
Britton	62	-10	81	47	0.27	20.24	8.85	3.74	-2.69	1,282	-365
Clear Lake	63	-8	81	50	0.82	23.34	11.52	2.93	-1.78	1,280	-240
Sisseton	64	-8	82	52	0.31	18.13	6.39	0.41	-5.02	1,402	-239
Watertown	62	-8	81	49	0.25	18.62	9.77	1.38	-1.90	1,303	-176
Webster	63	-9	80	51	0.09	17.62	7.99	0.28	-3.91	1,330	-229
West Central											
Faith	65	-10	91	47	0.29	14.95	9.16	-0.27	-1.35	1,365	-354
Milesville	67	-8	97	44	0.26	15.87	8.77	-0.63	-2.78	1,535	-226
Philip	68	-7	100	44	0.08	12.92	6.48	-1.46	-3.68	1,602	-160
Rapid City	65	-7	96	42	0.68	15.34	9.21	1.29	-0.59	1,323	-203
Spearfish	61	-11	92	40	0.40	17.55	7.97	-1.08	-4.20	1,448	-94
Central											
Chamberlain	68	-7	98	50	0.97	16.48	9.77	-1.77	-2.73	1,637	-103
Highmore	63	-10	93	45	0.11	16.82	11.44	-0.67	-0.81	1,446	-233
Huron	65	-8	94	49	0.29	20.03	10.55	2.84	-1.04	1,533	-211
Onida	66	-7	96	47	0.25	12.82	6.52	-3.50	-4.22	1,438	-247
Pierre	67	-9	97	49	0.47	13.62	7.02	-2.99	-4.52	1,568	-260
East Central											
Brookings	63	-7	81	47	0.53	19.86	11.43	2.29	-1.07	1,331	-212
Forestburg	66	-8	93	48	0.55	22.25	13.94	3.97	1.66	1,665	-210
Madison	63	-7	86	43	0.50	17.24	9.69	-2.36	-3.32	1,434	-111
Mitchell	67	-7	92	52	0.93	20.99	11.70	2.57	-0.65	1,695	-114
Sioux Falls	66	-6	87	50	0.69	19.55	10.22	0.27	-2.42	1,572	-170
Southwest											
Custer	59	-7	82	41	0.86	14.87	11.21	-1.62	-0.53	992	-156
Hot Springs	65	-6	94	42	0.27	14.31	10.18	-0.06	-0.32	1,541	-120
Oelrichs	66	-8	94	41	0.19	16.63	9.69	2.23	-0.45	1,515	-178
Porcupine	65	-8	95	39	0.10	17.20	9.71	2.46	-0.75	1,449	-210
South Central											
Kennebec	67	-9	97	45	0.62	17.06	10.72	1.64	-0.28	1,679	-258
Mission	67	-7	95	51	0.65	18.45	11.78	1.71	-0.26	1,535	-122
Murdo	68	-7	95	48	0.57	16.95	9.71	-0.08	-1.77	1,581	-151
Winner	68	-8	99	49	1.09	17.40	10.91	-2.24	-2.43	1,656	-308
Southeast											
Armour	67	-8	95	51	0.76	18.96	12.08	-0.40	-0.79	1,614	-364
Centerville	64	-9	83	49	1.22	23.20	13.92	3.28	0.30	1,559	-276
Pickstown	66	-9	89	48	1.24	17.95	9.57	-0.83	-3.36	1,611	-260
Vermillion	67	-8	87	49	0.89	26.84	15.60	6.51	1.89	1,762	-303
Yankton	68	-6	87	51	1.50	25.35	14.92	5.16	1.07	1,675	-195

DATA AND MAP SOURCE: State Climate Office of South Dakota