

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service

South Dakota Field Office

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Cooperating with:

SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

Released: July 9, 2012 -- 3:00 p.m. CST
For Week Ending July 8, 2012
SD-CW6128 Volume 61 Issue 28

AGRICULTURAL SUMMARY

With little or no moisture received for parts of the state, crop conditions once again saw no improvements. Dry conditions allowed for 6.7 days suitable for field work. Major activities last week included harvesting of winter wheat and oats, hauling water for livestock, spraying for weeds and insects, caring for livestock, and cutting hay.

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

WEATHER INFORMATION

Another very hot and mostly dry early part of the week finally gave way to some cooler conditions later in the week. Unfortunately, rain was still very isolated. Crops continue to deal with very dry soil conditions as a result of the continuing dry and warm conditions.

Isolated thunderstorms did provide some relief in various areas of the state. Overall precipitation was again very limited helping little with overall drought conditions. Areas in the far northwest and parts of the southwest were the biggest winners of the week. Most of the row crop area received little precipitation. Buffalo received the most for the week at 1.31 inches. Thirteen stations reported no precipitation for the week. Another nine stations received less than 0.10 inches. Many locations have 2-3 inch deficits for the growing season.

Temperatures for the week averaged from the upper 70's to the low 80's with most of the state reaching triple digit highs again. These averages ranged from a few degrees above average across the north to over 8° F above average in the southeast. The highest temperature was 108° F at Pickstown. The lowest reported was 51° F at Custer and Mobridge.

The US Drought Monitor map increased coverage in the state. Nearly the whole state was listed in some level of dryness. Most of the south, far west and Aberdeen areas were at D1 (Moderate Drought). Small areas of D2 (Severe Drought) were around the Black Hills.

SOIL CONDITION

Topsoil moisture was rated at 27 percent in adequate to surplus, 41 percent short and 32 percent very short. Subsoil moisture was rated at 29 percent adequate to surplus, 44 percent short and 27 percent very short.

FIELD CROPS REPORT

Small gain harvest continued with both winter wheat and oats being harvested this past week. Row crops were still in need of moisture. Winter wheat had 89 percent of the crop ripe with 41 percent harvested up from 11 percent harvested last week. Oats were 34 percent ripe with 20 percent harvested. Barley had 78 percent of the crop turning color and 5 percent ripe. Spring wheat harvest will be starting soon with 92 percent turning color and 10 percent ripe. Corn had an average height of 55 inches, ahead of the five year average of 37 inches. Twenty-four percent of corn was in the silk stage, with 87 percent having been cultivated or sprayed twice. Soybeans were at 45 percent blooming. Sorghum had 4 percent of the crop headed, ahead of the five year average of 2 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated 87 percent in the good to excellent range, while sheep conditions were rated 92 percent good to excellent. Stock water supplies were 9 percent very short, 28 percent short and 63 percent adequate to surplus. Feed supplies were 5 percent very short, 29 percent short and 66 percent adequate to surplus. Range and pasture conditions were rated 10 percent very poor, 23 percent poor, 34 percent fair and 33 percent good to excellent.

Feed and Water Supplies Comparison as of July 8, 2012

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	5	0	0	9	0	2
Short	29	3	4	28	2	6
Adequate	64	83	84	62	62	70
Surplus	2	14	12	1	36	22

Soil Moisture Condition Comparison as of July 8, 2012

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	32	25	1	27	23	1
Short	41	47	2	44	42	2
Adequate	26	27	64	28	34	62
Surplus	1	1	33	1	1	36

Crop and Livestock Conditions as of July 8, 2012

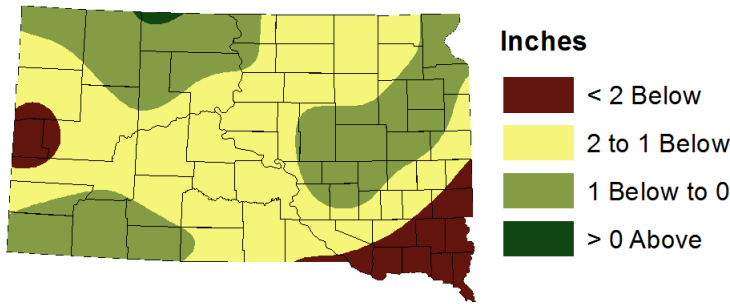
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	2	11	31	47	9
Spring Wheat	2	15	25	47	11
Barley	0	3	38	53	6
Oats	11	7	28	47	7
Corn	3	10	27	51	9
Soybeans	2	10	29	51	8
Sorghum	0	12	47	39	2
Sunflower	0	26	26	47	1
Alfalfa	20	36	28	16	0
Cattle	0	1	12	72	15
Sheep	0	1	7	68	24
Range & Pasture	10	23	34	30	3

Crop Progress as of July 8, 2012 ¹

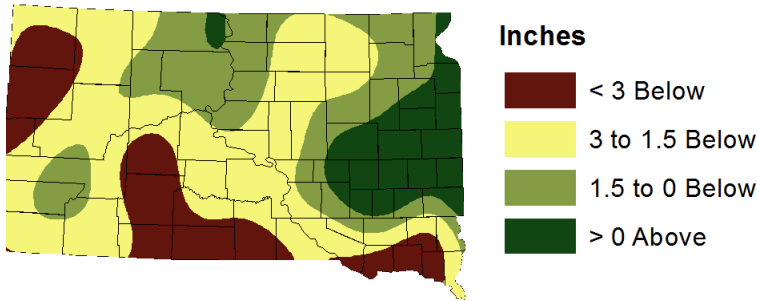
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Ripe	89	44	0	18
Harvested	41	11	0	3
Barley				
Headed	96	92	33	71
Turning Color	78	48	0	15
Ripe	5	0	0	1
Oats				
Turning Color	84	56	26	31
Ripe	34	12	0	2
Harvested	20	0	0	0
Spring Wheat				
Turning Color	92	65	12	20
Ripe	10	1	0	0
Corn				
Ave. Height (in.)	55	43	29	37
2nd cult./spray	87	80	41	55
Silked	24	4	0	0
Soybeans				
Blooming	45	29	17	21
Sorghum				
Headed	4	1	1	2
Alfalfa				
2nd Cutting	69	38	13	17
Other Hay				
Cut	73	69	46	53

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From June 9 to July 8, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to July 8, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, July 8, 2012

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	74	4	99	56	1.18	10.06	6.86	-4.52	-3.08	1,222	150
Buffalo	76	7	102	56	1.31	7.49	5.15	-6.57	-4.53	1,218	228
Dupree	76	5	98	58	0.77	10.71	7.95	-3.00	-1.31	1,276	111
McIntosh	75	5	95	56	1.21	9.01	8.23	-3.67	-0.60	1,218	102
Newell	75	5	100	58	0.45	7.27	5.15	-5.65	-3.70	1,294	233
Timber Lake	76	5	96	56	0.96	12.36	9.52	-2.21	-0.11	1,308	183
North Central											
Aberdeen	78	8	97	60	0.15	9.29	6.18	-5.28	-3.35	1,324	169
Faulkton	77	6	101	56	0.11	9.80	7.91	-5.11	-1.59	1,303	117
Mobridge	76	4	98	51	0.83	11.83	8.59	-1.70	0.40	1,266	136
Roscoe	76	6	95	58	0.61	10.46	8.04	-4.80	-2.28	1,223	216
Northeast											
Britton	79	7	97	59	0.21	10.79	8.44	-3.90	-1.29	1,308	99
Clear Lake	77	7	97	61	0.00	15.71	11.26	-2.82	-0.19	1,185	42
Sisseton	78	7	99	59	0.06	12.36	9.55	-3.65	-0.42	1,290	107
Watertown	79	9	95	61	0.00	13.67	10.84	-1.91	0.81	1,253	136
Webster	79	8	96	63	0.00	11.69	8.77	-3.70	-1.24	1,264	141
West Central											
Faith	75	3	97	59	0.93	11.27	8.83	-3.05	-0.29	1,323	177
Milesville	77	4	103	58	0.40	9.19	6.89	-5.87	-3.27	1,449	246
Philip	78	6	105	63	0.11	6.08	4.49	-7.43	-4.82	1,444	247
Rapid City	76	6	103	59	0.62	10.98	7.86	-1.40	-0.30	1,283	222
Spearfish	76	3	98	54	0.23	10.92	7.01	-6.56	-4.02	1,338	335
Central											
Chamberlain	82	9	103	64	0.00	15.42	8.77	-0.56	-1.42	1,464	201
Highmore	77	7	100	58	0.00	11.77	8.17	-4.83	-3.38	1,244	26
Huron	81	8	100	63	0.00	16.37	10.56	0.73	0.56	1,463	253
Onida	77	5	98	60	0.05	14.46	8.35	0.30	-0.30	1,321	88
Pierre	78	4	101	60	0.04	11.06	7.16	-3.62	-2.48	1,361	115
Wessington Spr.	79	5	97	61	0.05	17.16	13.07	-0.63	1.46	1,353	105
East Central											
Brookings	80	10	96	62	0.00	15.49	11.88	-2.06	0.65	1,310	253
Madison	82	11	100	64	0.00	18.52	14.28	0.58	2.90	1,417	263
Mitchell	84	10	103	65	0.00	18.84	13.29	2.29	2.60	1,584	319
Sioux Falls	84	11	104	65	0.00	12.98	7.74	-4.42	-3.07	1,500	259
Southwest											
Custer	70	5	92	51	0.94	10.59	7.75	-3.44	-1.44	933	148
Hot Springs	77	6	101	56	0.84	10.31	7.54	-2.61	-1.53	1,469	289
Oelrichs	77	5	101	57	0.49	11.27	8.61	-2.81	-1.23	1,415	233
Porcupine	77	5	102	60	0.01	11.20	7.99	-2.79	-1.74	1,415	221
South Central											
Kennebec	81	7	104	61	0.04	12.71	8.36	-1.57	-1.52	1,556	205
Mission	78	5	101	61	0.24	11.13	6.46	-3.72	-3.70	1,410	288
Murdo	80	7	101	64	0.03	11.24	8.56	-4.41	-1.57	1,442	226
Winner	83	9	105	65	0.01	12.30	7.62	-5.39	-3.81	1,551	180
Southeast											
Academy	82	9	106	63	0.06	13.83	9.10	-2.85	-2.35	1,432	169
Centerville	82	9	99	64	0.00	10.87	7.15	-6.83	-4.43	1,529	270
Pickstown	86	11	108	65	0.00	11.11	7.45	-6.53	-4.37	1,607	297
Vermillion	84	9	101	62	0.00	14.13	9.75	-5.76	-3.56	1,708	237
Yankton	84	10	103	65	0.15	13.32	7.29	-5.43	-5.15	1,574	259

⁰ AND MAP SOURCE: State Climate Office of South Dakota