

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

With 6.0 days suitable for field work last week crop progress continues well ahead of average. Livestock conditions remain mostly in the good to excellent range despite declining range and pasture conditions. Major activities last week included planting, 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

Temperatures moderated from the previous week with near average temperatures covering the state, according to the State Climate Office of South Dakota. Precipitation was limited and below average for most of the state. Severe storms produced many hail reports and some crop damage in various areas of the state. Reports of drying conditions continue across the state.

Precipitation was generally less than an inch statewide but very sporadic as is typical of mid-summer convection. A few stations had totals above an inch. Oelrichs had the largest total at 3.50 inches. Most locations received much less than an inch. Sixteen stations reported less than 0.25 inches of precipitation for the week. Roscoe and Spearfish had the lowest reports for the week at 0.03 inches. More than half the stations are below average for the growing season. This situation is made worse by the overall warm conditions throughout the spring and summer which removed more water from the surface by evaporation or transpiration through crops.

Temperatures for the week averaged from the 60s F across the state except for a few stations in south central to southeast South Dakota. All stations were within a few degrees of average. The highest temperature was 98° F at Winner and Kennebec. The lowest reported was 37° F at Aberdeen and Hot Springs. Growing degree days range from near average in central parts of the state to 6-10 days ahead of average to the west and southeast.

SOIL CONDITION

Topsoil moisture was rated at 50 percent in adequate to surplus, 44 percent short and 6 percent very short. Subsoil moisture was rated at 53 percent adequate to surplus, 38 percent short and 9 percent very short.

FIELD CROPS REPORT

Crop development continued ahead of normal, but conditions were starting to show signs of stress from lack of moisture. Corn had an average height of 18 inches, ahead of the five year average of 10 inches. Ninety-four percent of corn has been cultivated or sprayed once with 34 percent cultivated or sprayed twice. Soybeans were at 97 percent emerged, ahead of the five year average of 73 percent. Sorghum was at 94 percent planted, with 74 percent emerged. Sunflowers were at 79 percent planted. Fifty-nine percent of winter wheat has turned color, ahead of the five year average of 6 percent. Spring wheat was at 80 percent headed, with 5 percent turning color. Barley was at 93 percent in the boot stage, with 25 percent headed. Oats were reported at 72 percent headed, surpassing the five year average of 22 percent, with 13 percent turning color.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated 95 percent in the good to excellent range, while sheep conditions were rated 98 percent good to excellent. Stock water supplies were 2 percent very short, 16 percent short and 82 percent adequate to surplus. Feed supplies were 1 percent very short, 8 percent short and 91 percent adequate to surplus. Range and pasture conditions were rated 1 percent very poor, 10 percent poor, 33 percent fair and 56 percent good to excellent.

Feed and Water Supplies Comparison as of June 17, 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	1	0	2	2	0	1
Short	8	4	6	16	0	4
Adequate	87	86	83	80	68	70
Surplus	4	9	9	2	32	25

Soil Moisture Condition Comparison as of June 17, 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	6	2	0	9	10	0
Short	44	37	1	38	29	4
Adequate	49	58	71	51	57	63
Surplus	1	3	28	2	4	33

Crop and Livestock Conditions as of June 17, 2012

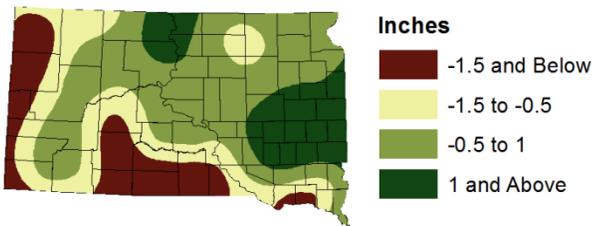
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	2	7	36	43	12
Spring Wheat	1	2	38	45	14
Barley	0	1	18	49	32
Oats	7	4	21	51	17
Corn	0	4	20	59	17
Soybeans	0	1	23	64	12
Sorghum	0	4	39	53	4
Sunflower	0	2	69	28	1
Alfalfa	7	17	40	34	2
Cattle	0	0	5	76	19
Sheep	0	0	2	72	26
Range & Pasture	1	10	33	48	8

Crop Progress as of June 17, 2012 ¹

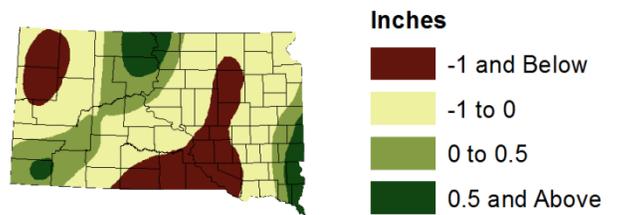
Item	This Week	Last Week	Last Year	5-Yr. Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Turning Color	59	12	0	6
Barley				
Boot	93	86	6	48
Headed	25	12	2	15
Oats				
Boot	96	93	32	61
Headed	72	46	12	22
Turning Color	13	0	0	0
Spring Wheat				
Boot	96	94	28	62
Headed	80	55	5	21
Turning Color	5	0	0	0
Corn				
Ave. Height (in.)	18	12	7	10
1st cult./spray	94	83	53	63
2nd cult./spray	34	0	6	9
Soybeans				
Emerged	97	89	59	73
Blooming	3	0	0	0
Sorghum				
Planted	94	89	87	85
Emerged	74	68	47	52
Sunflower				
Planted	79	71	66	63
Alfalfa				
1st Cutting	74	56	40	41
2nd Cutting	10	0	0	0
Other Hay				
Cut	31	17	17	15

¹ Percents represent all acreage in or beyond each stage.

GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to June 17, 2012



PAST 30 DAYS
Accumulated Precip Deviation from Average
From May 19 to June 17, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 17, 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		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	62	-4	85	40	0.29	8.68	5.48	-2.24	-0.80	784	92
Buffalo	64	1	60	42	0.27	5.99	3.65	-4.75	-2.71	765	130
Dupree	66	0	92	43	0.10	9.33	6.57	-2.01	-0.32	809	44
McIntosh	63	-3	84	41	0.65	7.70	6.92	-2.12	0.95	784	57
Newell	65	0	88	45	0.22	6.67	4.55	-3.43	-1.48	835	159
Timber Lake	65	-1	87	43	0.10	10.69	7.85	-0.97	1.13	834	106
North Central											
Aberdeen	65	-1	87	37	0.17	8.33	5.22	-3.14	-1.21	848	99
Faulkton	66	-1	86	39	0.18	8.44	6.55	-3.66	-0.14	839	64
Mobridge	64	-2	84	41	0.75	10.59	7.35	-0.18	1.92	797	75
Roscoe	65	-1	85	43	0.03	8.80	6.38	-3.20	-0.68	756	111
Northeast											
Britton	66	0	86	43	0.53	8.20	5.85	-3.21	-0.60	833	39
Clear Lake	64	-2	84	42	0.47	13.93	9.48	-0.94	1.69	737	1
Sisseton	67	0	88	43	0.76	10.16	7.35	-2.54	0.69	835	64
Watertown	65	1	84	42	0.56	9.26	6.43	-3.10	-0.38	776	63
Webster	67	1	84	44	0.27	10.55	7.63	-1.20	1.26	788	66
West Central											
Faith	65	-2	86	44	0.15	9.00	6.56	-1.68	1.08	846	105
Milesville	68	1	95	43	0.71	8.34	6.04	-3.73	-1.13	956	174
Philip	67	0	93	41	0.29	5.50	3.91	-5.28	-2.67	942	162
Rapid City	65	1	90	43	0.47	9.69	6.57	-1.00	0.10	827	145
Spearfish	68	3	92	45	0.03	9.71	5.80	-5.04	-2.50	871	242
Central											
Chamberlain	68	1	93	42	0.62	12.79	6.14	-0.84	-1.70	939	113
Highmore	66	0	89	41	0.48	11.29	7.69	-1.05	0.40	778	-21
Huron	67	0	87	41	0.73	14.05	8.24	1.28	1.11	930	151
Onida	66	0	86	42	0.12	13.58	7.47	1.53	0.93	843	33
Pierre	67	-1	87	41	0.68	10.44	6.54	-1.72	-0.58	865	57
Wessington Spr.	66	-3	86	45	1.07	14.26	10.17	-0.16	1.93	840	45
East Central											
Brookings	67	1	84	42	0.72	14.55	10.94	0.25	2.96	815	146
Madison	66	0	84	43	0.57	17.76	13.52	3.11	5.43	905	167
Mitchell	72	4	97	47	1.22	17.97	12.42	4.05	4.36	1,022	206
Sioux Falls	67	0	86	43	0.32	12.59	7.35	-2.04	-0.69	954	155
Southwest											
Custer	59	0	82	38	0.16	8.84	6.00	-3.20	-1.20	547	68
Hot Springs	67	2	95	37	0.10	8.63	5.86	-1.84	-0.76	991	207
Oelrichs	69	3	93	45	3.50	10.29	7.63	-0.69	0.89	949	171
Porcupine	69	2	95	44	0.65	9.67	6.46	-1.10	-0.05	886	98
South Central											
Kennebec	70	1	98	40	0.63	12.08	7.73	0.90	0.95	1,033	137
Mission	68	1	96	41	0.25	9.00	4.33	-3.28	-3.26	897	183
Murdo	69	2	91	50	0.83	10.43	7.75	-2.21	0.63	911	119
Winner	72	2	98	43	0.24	10.20	5.52	-4.31	-2.73	1,002	92
Southeast											
Academy	67	0	92	43	0.11	12.51	7.78	-1.24	-0.74	907	77
Centerville	70	0	87	41	0.05	10.05	6.33	-4.46	-2.06	1,002	184
Pickstown	70	1	92	47	0.26	10.68	7.02	-3.64	-1.48	1,052	199
Vermillion	70	-1	87	44	0.10	13.63	9.25	-1.50	0.70	1,182	195
Yankton	68	-1	86	45	0.15	12.49	6.46	-2.47	-2.19	1,030	173