

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 5.6 days suitable for field work last week, crop progress is still ahead of average but some crop conditions declined with little or no moisture received. Livestock conditions remain mostly in the good to excellent range as stock water supplies and range and pasture conditions continued to decline. 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

Two major issues dominated the weather situation for the week, continued warm temperatures statewide and isolated heavy rain falls, according to the State Climate Office of South Dakota. Temperatures were warmer than average for the third consecutive week. These conditions are now starting to become an issue as more reports of stressed crops are coming forward because of the warmth and widespread dry conditions.

Temperatures for the week averaged from the upper 60's to the mid 70's. Warm daily temperatures affected most of the state during the week with several stations breaking the 100°F level. The highest temperature was 104° F at Academy. The lowest reported was 37° F at Custer. These high temperatures are now reaching potentially stressful conditions especially in places that are the driest across the state.

On Tuesday night into early Wednesday a storm system moved across part of the state dropping an isolated band of heavy precipitation. Areas from southwest to south central had 1-2 inches. Another band from north of Winner to Milbank dropped a narrow strip of 3+ inches. Areas not far from the band received much less rainfall. Watertown had the largest total at 4.37 inches. Five other stations received more than 2 inches from the storm. Nearly half the stations reported a half inch of precipitation or less, most of these being in the northwest to north central part of the state. McIntosh reported the least at 0.08 inches.

SOIL CONDITION

Topsoil moisture was rated at 49 percent in adequate to surplus, 40 percent short and 11 percent very short. Subsoil moisture was rated at 50 percent adequate to surplus, 35 percent short and 15 percent very short.

FIELD CROPS REPORT

The hay and row crops saw a decline in conditions this past week. Corn had an average height of 28 inches, ahead of the five year average of 16 inches. Ninety-seven percent of corn had been cultivated or sprayed once with 50 percent cultivated or sprayed twice. Soybeans were at 11 percent blooming, ahead of the five year average of 1 percent. Sunflowers were at 94 percent planted. Eighty-four percent of winter wheat had turned color, ahead of the five year average of 22 percent. Spring wheat was at 96 percent headed, with 17 percent turning color. Barley was at 98 percent in the boot stage, with 69 percent headed and 11 percent turning color. Oats were reported at 94 percent headed, with 22 percent turning color and 1 percent ripe.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated 93 percent in the good to excellent range, while sheep conditions were rated 96 percent good to excellent. Stock water supplies were 4 percent very short, 20 percent short and 76 percent adequate to surplus. Feed supplies were 3 percent very short, 10 percent short and 87 percent adequate to surplus. Range and pasture conditions were rated 4 percent very poor, 12 percent poor, 36 percent fair and 48 percent good to excellent.

Feed and Water Supplies Comparison as of June 24, 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	3	0	1	4	0	2
Short	10	3	5	20	0	4
Adequate	83	86	85	74	55	70
Surplus	4	11	9	2	45	24

Soil Moisture Condition Comparison as of June 24, 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	11	6	0	15	9	0
Short	40	44	0	35	38	1
Adequate	46	49	59	46	51	57
Surplus	3	1	41	4	2	42

Crop and Livestock Conditions as of June 24, 2012

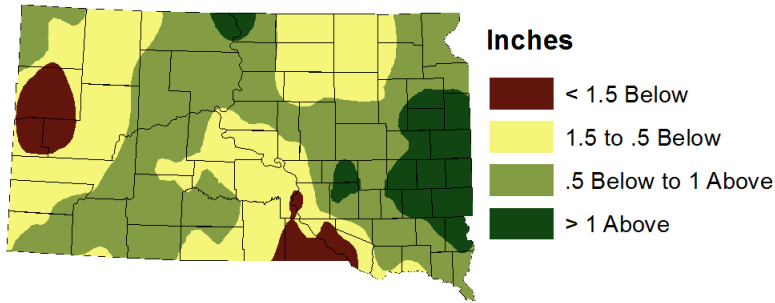
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	2	9	30	48	11
Spring Wheat	1	8	20	54	17
Barley	0	1	19	51	29
Oats	9	4	19	54	14
Corn	1	4	24	58	13
Soybeans	1	2	25	62	10
Sorghum	0	6	32	60	2
Sunflower	0	1	36	63	0
Alfalfa	11	26	38	23	2
Cattle	0	0	7	74	19
Sheep	0	0	4	67	29
Range & Pasture	4	12	36	40	8

Crop Progress as of June 24, 2012 ¹

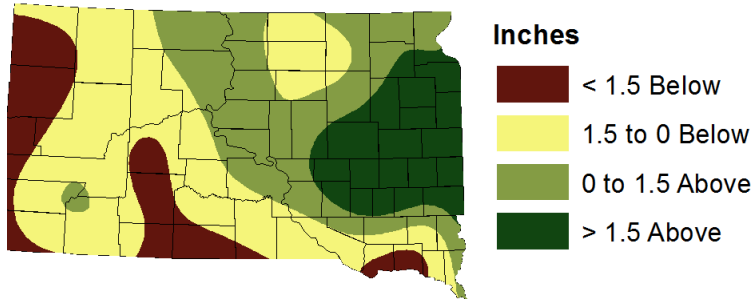
Item	This Week	Last Week	Last Year	5-Yr. Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Turning Color	84	59	4	22
Ripe	16	0	0	0
Harvested	1	0	0	0
Barley				
Boot	98	93	36	74
Headed	69	25	3	29
Turning Color	11	0	0	0
Oats				
Headed	94	72	30	45
Turning Color	22	13	0	2
Ripe	1	0	0	0
Spring Wheat				
Headed	96	80	21	43
Turning Color	17	5	3	1
Corn				
Ave. Height (in.)	28	18	12	16
1st cult./spray	97	94	71	79
2nd cult./spray	50	34	14	20
Soybeans				
Blooming	11	3	0	1
Sorghum				
Planted	96	94	95	95
Emerged	92	74	66	74
Sunflower				
Planted	94	79	84	83
Alfalfa				
1st Cutting	77	74	55	60
2nd Cutting	19	10	1	1
Other Hay				
Cut	43	31	24	24

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From May 26 to June 24, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to June 24, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 24, 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	68	0	92	48	0.19	8.87	5.67	-2.68	-1.24	906	100
Buffalo	68	3	95	45	0.16	6.15	3.81	-4.84	-2.80	890	150
Dupree	70	2	93	47	0.30	9.63	6.87	-2.48	-0.79	945	58
McIntosh	67	-1	89	50	0.08	7.78	7.00	-2.74	0.33	901	55
Newell	69	2	93	46	0.15	6.85	4.73	-3.88	-1.93	961	171
Timber Lake	70	2	90	48	0.18	10.87	8.03	-1.51	0.59	968	119
North Central											
Aberdeen	70	3	95	49	0.61	8.94	5.83	-3.37	-1.44	985	110
Faulkton	71	3	97	52	0.51	8.95	7.06	-3.78	-0.26	979	77
Mobridge	70	2	91	50	0.20	10.79	7.55	-1.18	0.92	936	89
Roscoe	70	3	92	52	0.50	9.30	6.88	-3.47	-0.95	886	128
Northeast											
Britton	69	2	89	49	2.38	10.58	8.23	-1.43	1.18	966	43
Clear Lake	69	1	88	53	1.78	15.71	11.26	-0.18	2.45	860	-1
Sisseton	69	1	88	53	2.14	12.30	9.49	-1.17	2.06	965	66
Watertown	69	3	91	52	4.37	13.63	10.80	0.29	3.01	903	66
Webster	69	2	92	54	1.14	11.69	8.77	-0.90	1.56	907	62
West Central											
Faith	71	2	93	49	0.20	9.20	6.76	-2.61	0.15	983	119
Milesville	72	3	93	49	0.40	8.74	6.44	-4.03	-1.43	1,100	188
Philip	73	4	99	48	0.36	5.86	4.27	-5.55	-2.94	1,086	179
Rapid City	69	3	94	45	0.67	10.36	7.24	-0.97	0.13	955	160
Spearfish	71	3	92	46	0.28	9.99	6.08	-5.64	-3.10	1,004	268
Central											
Chamberlain	75	6	103	53	2.62	15.41	8.76	1.18	0.32	1,076	114
Highmore	70	2	95	49	0.43	11.72	8.12	-1.39	0.06	916	-14
Huron	74	4	96	54	2.32	16.37	10.56	2.83	2.66	1,084	170
Onida	71	3	95	52	0.74	14.32	8.21	2.21	1.61	981	36
Pierre	72	2	98	54	0.58	11.02	7.12	-1.95	-0.81	1,009	66
Wessington Spr.	73	2	95	55	2.85	17.11	13.02	1.99	4.08	986	47
East Central											
Brookings	71	3	91	51	0.94	15.49	11.88	0.17	2.88	953	165
Madison	73	5	92	53	0.76	18.52	14.28	2.98	5.30	1,050	183
Mitchell	76	6	96	55	0.87	18.84	13.29	3.71	4.02	1,186	229
Sioux Falls	74	5	93	52	0.33	12.92	7.68	-2.52	-1.17	1,111	174
Southwest											
Custer	63	2	87	37	0.73	9.57	6.73	-2.57	-0.57	653	86
Hot Springs	72	4	96	42	0.74	9.37	6.60	-1.73	-0.65	1,133	227
Oelrichs	72	4	96	45	0.49	10.78	8.12	-0.83	0.75	1,088	188
Porcupine	72	2	97	45	1.48	11.15	7.94	-0.32	0.73	1,089	178
South Central											
Kennebec	73	2	96	49	0.59	12.67	8.32	0.79	0.84	1,182	144
Mission	73	4	101	49	1.85	10.85	6.18	-2.15	-2.13	1,041	203
Murdo	73	4	97	53	0.74	11.17	8.49	-2.24	0.60	1,058	136
Winner	78	6	101	53	1.99	12.19	7.51	-2.56	-0.98	1,164	110
Southeast											
Academy	74	5	104	51	1.26	13.77	9.04	-0.75	-0.25	1,055	89
Centerville	75	4	95	49	0.35	10.38	7.01	-4.05	-1.65	1,153	196
Pickstown	76	5	98	57	0.32	11.00	7.34	-4.11	-1.95	1,213	219
Vermillion	76	3	97	52	0.50	14.13	9.75	-1.84	0.36	1,342	202
Yankton	74	3	95	54	0.68	13.17	7.14	-2.70	-2.42	1,182	182

DATA AND MAP SOURCE: State Climate Office of South Dakota