

# South Dakota Weekly Crop Weather Report

Released: July 13, 2009 -- 3:00 p.m. CT  
For Week Ending July 12, 2009  
SD-CW5828 Volume 58 Issue 28



National Agricultural Statistics Service  
South Dakota Field Office  
P.O. Box 5068  
Sioux Falls, SD 57117-5068  
Cooperating with:  
SOUTH DAKOTA STATE UNIVERSITY  
AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

## AGRICULTURAL SUMMARY

Storms with strong winds, hail and heavy rains hindered crops in some areas of the state while others are dealing with insect problems and lack of moisture. There were 5.0 days suitable for field work last week. Major farm activities included cutting of hay and spraying of row crops, when weather permitting and getting ready for small grain harvest.

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

## WEATHER INFORMATION

Widespread severe weather across the state (including wind gusts over 70 mph and hail up to 3 inches in diameter) caused crop damage, according to the State Climate Office of South Dakota. Damage to corn, soybean and small grains were reported in several areas of the state. While storm reports were statewide, much of the precipitation fell in the eastern half of the state with an additional storm path just north of the Nebraska border west of the river. Northwestern areas of the state received less than a few tenths in many areas. Dupree reported the lowest amount with no recorded precipitation last week. Vermillion had the highest at 5.12 inches.

The string of cooler temperatures continues across the state as temperatures again were generally 1-4° F below average. Some western stations were near or slightly above average temperature. High temperatures for the week were quite moderate. Oelrichs and Porcupine reported the highest temperature of the week at 94 °F. Buffalo, McIntosh and Custer reported the lowest temperature at 49° F. Growing degree totals vary widely from near average to 10 days behind.

## SOIL CONDITION

Topsoil moisture rated 75 percent having adequate to surplus moisture, rating better than last year by 7 percentage points. Subsoil moisture rated at 69 percent adequate to surplus, below last year's 81 percent.

## FIELD CROPS REPORT

Winter wheat harvest has begun around the state with 1 percent harvested, compared to 2 percent last year and the five-year average of 22 percent harvested. Only 21 percent of winter wheat is rated ripe. Spring wheat headed is at 87 percent, 11 percentage points behind the five-year average. Twenty-four percent of spring wheat has turned color equal to last year, but behind the 51 percent five-year average. Soybeans are at 28 percent blooming, behind the five year average of 36 percent. Corn height this week averaged 38 inches, ahead of last year by 3 inches, but still behind the five-year average of 47 inches. Ninety-five percent of corn has been cultivated or sprayed once, and 56 percent has been cultivated or sprayed twice. Two percent of the corn has tasseled, behind the five year average by 11 percentage points. Sorghum is at 6 percent headed, slightly behind the five-year average of 8 percent.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle rated at 78 percent in the good to excellent conditions a drop from last weeks 82 percent. Sheep rate at 79 percent in the good to excellent conditions this week. Range and pasture conditions are rated at 67 percent good to excellent.

## Feed and Water Supplies Comparison as of July 12, 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	1	0	5	2	1	12
Short	6	6	14	8	7	19
Adequate	85	85	74	79	79	62
Surplus	8	9	7	11	13	7

## Soil Moisture Condition Comparison as of July 12, 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	7	3	2	9	6	3
Short	18	26	31	22	28	16
Adequate	65	64	61	62	63	75
Surplus	10	7	6	7	3	6

## Crop and Livestock Conditions as of July 12, 2009

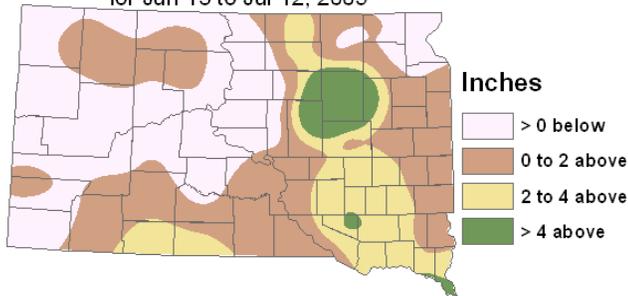
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	3	10	33	45	9
Spring Wheat	1	6	29	49	15
Barley	0	4	33	54	9
Oats	1	4	32	51	12
Corn	1	4	22	57	16
Soybeans	0	4	34	52	10
Sorghum	0	2	23	61	14
Sunflower	0	5	23	64	8
Alfalfa	3	10	20	55	12
Cattle	0	2	20	62	16
Sheep	0	1	20	62	17
Range & Pasture	4	6	23	52	15

## Crop Progress as of July 12, 2009 <sup>1</sup>

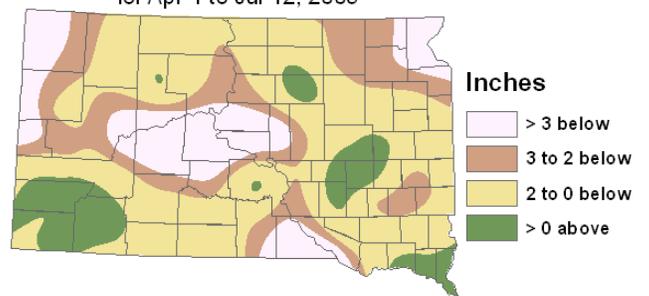
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Turning Color	89	73	81	94
Ripe	21	0	10	46
Harvested	1	0	2	22
<b>Barley</b>				
Headed	87	71	85	95
Turning Color	36	4	16	42
Ripe	0	0	1	6
<b>Oats</b>				
Headed	93	74	92	96
Turning Color	33	5	38	50
Ripe	0	0	3	12
<b>Spring Wheat</b>				
Headed	87	79	94	98
Turning Color	24	5	24	51
Ripe	0	0	1	7
<b>Corn</b>				
Ave. Height (in.)	38	25	35	47
1st cult./spray	95	92	98	100
2nd cult./spray	56	39	61	79
Tasseled	2	0	2	13
Silked	0	0	0	3
<b>Soybeans</b>				
Blooming	28	18	23	36
<b>Sorghum</b>				
Headed	6	1	0	8
<b>Sunflower</b>				
Blooming	11	0	0	1
<b>Alfalfa</b>				
1st Cutting	94	88	88	93
2nd Cutting	17	9	17	31
<b>Other Hay</b>				
Cut	60	47	63	64

<sup>1</sup> Percents represent all acreage in or beyond each stage.

**PAST 30 DAYS**  
Accumulated Precip Deviation from Average  
for Jun 13 to Jul 12, 2009



**GROWING SEASON**  
Accumulated Precip Deviation from Average  
for Apr 1 to Jul 12, 2009



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
Week Ending Sunday, July 12, 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		
	<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>		
<b>Northwest</b>											
Bison	68	-3	85	50	0.35	17.21	7.24	3.90	-1.40	1,007	-141
Buffalo	69	1	87	49	0.08	11.90	5.41	-0.97	-3.53	926	-5
Dupree	70	-1	88	52	0.00	16.49	9.09	2.76	-0.18	1,093	-85
McIntosh	67	-4	85	49	0.33	14.12	6.91	1.94	-1.35	952	-223
Newell	70	-1	87	52	0.21	12.58	6.09	0.44	-1.96	965	-172
Timber Lake	70	-1	87	53	0.50	16.23	7.54	2.19	-1.54	1,096	-56
<b>North Central</b>											
Aberdeen	69	-2	89	54	0.97	15.44	6.86	1.14	-2.38	1,086	-97
Faulkton	69	-2	88	53	1.17	16.15	9.40	1.83	0.54	1,079	-115
Mobridge	70	-2	88	53	0.10	12.78	6.14	0.37	-2.02	1,075	-104
Roscoe	68	-2	86	52	2.11	17.07	9.43	2.46	-0.23	1,015	-56
<b>Northeast</b>											
Britton	66	-4	83	50	1.10	18.51	7.12	4.13	-2.30	980	-202
Clear Lake	67	-2	80	54	1.62	21.30	9.48	3.08	-1.63	975	-98
Sisseton	67	-4	84	51	0.52	17.13	5.39	1.44	-3.99	1,069	-96
Watertown	68	-1	83	53	2.25	17.10	8.25	1.71	-1.57	1,006	-35
Webster	68	-2	83	55	1.76	16.24	6.61	1.40	-2.79	1,023	-70
<b>West Central</b>											
Faith	69	-3	85	54	0.03	13.27	7.48	-0.28	-1.36	997	-229
Milesville	71	-1	88	57	0.37	11.62	4.52	-3.00	-5.15	1,142	-127
Philip	74	0	90	56	0.26	12.29	5.85	-0.67	-2.89	1,188	-90
Rapid City	70	0	87	53	0.17	13.93	7.80	1.15	-0.73	955	-103
Spearfish	70	0	86	56	0.58	16.67	7.09	-0.66	-3.78	1,088	17
<b>Central</b>											
Chamberlain	73	0	88	59	0.21	15.04	8.33	-1.33	-2.29	1,229	-23
Highmore	70	-1	87	55	0.98	11.77	6.39	-3.61	-3.75	1,103	-98
Huron	72	0	88	56	1.23	19.20	9.72	3.82	-0.06	1,176	-73
Onida	69	-3	89	53	1.35	11.89	5.59	-2.69	-3.41	1,083	-126
Pierre	73	-1	90	54	0.01	12.11	5.51	-2.81	-4.34	1,169	-150
<b>East Central</b>											
Brookings	69	-1	83	54	2.29	18.38	9.95	2.75	-0.61	1,030	-72
Forestburg	72	-2	85	56	2.83	20.80	12.49	4.30	1.99	1,300	-73
Madison	68	-1	82	55	1.92	16.31	8.76	-1.23	-2.19	1,111	7
Mitchell	73	0	88	59	2.17	18.62	9.33	1.85	-1.37	1,298	-6
Sioux Falls	71	0	87	56	1.78	18.56	9.23	1.18	-1.51	1,201	-48
<b>Southwest</b>											
Custer	64	0	80	49	0.85	13.82	10.16	-0.67	0.42	710	-85
Hot Springs	72	1	91	53	0.01	13.04	8.91	0.30	0.04	1,153	-63
Oelrichs	73	0	94	57	0.10	15.98	9.04	2.93	0.25	1,118	-108
Porcupine	71	-1	94	55	0.48	16.82	9.33	3.75	0.54	1,070	-124
<b>South Central</b>											
Kennebec	73	-2	90	57	0.46	15.65	9.31	2.03	0.11	1,288	-145
Mission	70	-2	91	51	2.83	16.22	9.55	1.41	-0.56	1,128	-40
Murdo	72	-1	87	58	0.26	14.24	7.00	-1.08	-2.77	1,164	-70
Winner	73	-2	89	57	1.07	15.50	9.01	-1.99	-2.18	1,241	-209
<b>Southeast</b>											
Armour	72	-2	89	58	1.39	17.30	10.42	-0.05	-0.44	1,234	-228
Centerville	71	-1	87	58	1.67	20.57	11.29	2.81	-0.17	1,217	-115
Pickstown	73	-1	89	57	0.84	15.67	7.29	-1.30	-3.83	1,232	-122
Vermillion	72	-2	87	58	5.12	24.64	13.40	6.54	1.92	1,379	-162
Yankton	72	-1	92	58	2.25	22.77	12.34	4.76	0.67	1,282	-84

DATA AND MAP SOURCE: State Climate Office of South Dakota