

# South Dakota Weekly Crop Weather Report



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

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For Week Ending November 18, 2012  
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## AGRICULTURAL SUMMARY

There were 6.2 days suitable for field work. Major activities last week included finishing up fall tillage, baling corn stover, hauling grain and hay, fertilizing and preparing for winter.

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

## WEATHER INFORMATION

The state experienced a fairly quiet weather week with very little precipitation and generally moderate temperatures, according to the State Climate Office of South Dakota. Temperatures ranged from very cold early in the week to very warm over the weekend. Temperature averages were mostly in the 30's with a few upper 20's along the North Dakota border and a 40° F average at Winner. These averages ranged from 3° F below average to 5° F above average in a very inconsistent pattern across the state. The daily high and low temperatures reflected the variability of the week with the cold at 4° F early in the week at Bison and McIntosh, with Philip having the high at 71° F late in the week.

Precipitation was almost non-existent this week again limiting soil moisture recovery. By far most of the state received no precipitation. Only five stations reported precipitation this week with the most at Roscoe and Clear Lake with 0.02 inches.

## SOIL CONDITION

Soil temperatures ranged from the mid 30's to low 40's across the state. Oacoma had the high temperature at 42° F; South Shore had the low at 34° F.

## FIELD CROPS REPORT

Winter wheat was 53 percent emerged, behind last year's estimate of 100 percent and the five year average of 99 percent emerged. Winter wheat condition was rated at 12 percent very poor, 48 percent poor, 36 percent fair and 4 percent good.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 74 percent good to excellent, 23 percent fair and 3 percent poor. Sheep conditions were rated at 80 percent good to excellent condition, 16 percent fair and 4 percent poor. Stock water supplies were rated at 43 percent very short, 36 percent short, 21 percent adequate. Feed supplies were rated at 22 percent very short, 30 percent short and 48 percent adequate to surplus.

## Feed and Water Supplies Comparison as of November 18, 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	22	NA	NA	43	NA	NA
Short	30	NA	NA	36	NA	NA
Adequate	47	NA	NA	21	NA	NA
Surplus	1	NA	NA	0	NA	NA

## Soil Moisture Condition Comparison as of November 18, 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	53	59	13	68	73	12
Short	30	22	53	20	19	43
Adequate	17	19	34	12	8	44
Surplus	0	0	0	0	0	1

## Crop and Livestock Conditions as of November 18, 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	12	48	36	4	0
Cattle	0	3	23	71	3
Sheep	0	4	16	75	5

## Crop Progress as of November 18, 2012 <sup>1</sup>

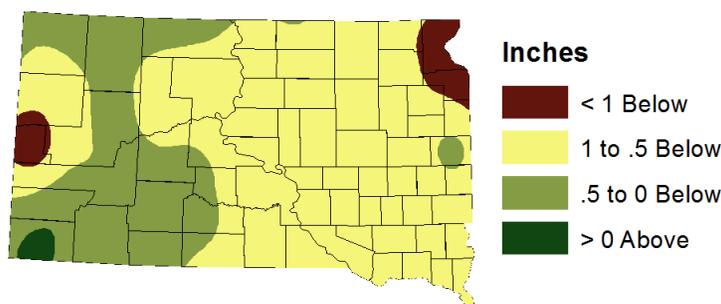
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat Emerged	53	43	100	99

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

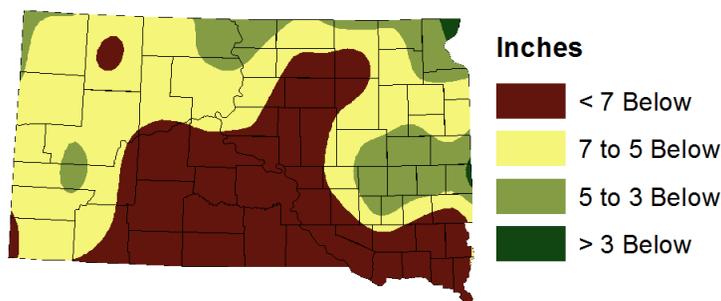
## Average Soil Temperatures Week Ending November 18, 2012 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	35	Nisland	37
Beresford	40	Oacoma	42
Bowdle	39	Parkston	39
Brookings	40	Pierre	39
Caputa	37	Redfield	36
Cottonwood	37	South Shore	34

**PAST 30 DAYS**  
**Accumulated Precip Deviation from Average**  
**From October 20 to November 18, 2012**



**GROWING SEASON**  
**Accumulated Precip Deviation from Average**  
**From April 1 to November 18, 2012**



**TEMPERATURE and PRECIPITATION**  
**Week Ending Sunday, November 18, 2012**

District and Station	Temperatures Past Week				Precipitation				
	Average	Departure from Normal	High	Low	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	33	0	55	4	0.00	0.59	9.11	-1.29	-8.27
Buffalo	37	5	63	7	0.00	0.67	7.59	-0.30	-7.85
Dupree	37	5	62	12	0.00	0.55	10.76	-1.36	-4.64
McIntosh	30	-1	50	4	0.00	0.55	10.24	-1.19	-5.23
Newell	32	-1	59	6	0.00	0.54	9.05	-1.27	-5.12
Timber Lake	33	1	58	8	0.01	0.69	11.99	-1.29	-5.03
<b>North Central</b>									
Aberdeen	30	1	57	11	0.00	1.25	10.96	-1.04	-9.15
Faulkton	30	-2	54	11	0.00	0.58	11.37	-1.81	-7.89
Mobridge	33	1	63	10	0.00	0.73	12.37	-1.18	-4.11
Roscoe	27	-2	49	8	0.02	0.69	11.75	-1.60	-7.83
<b>Northeast</b>									
Britton	29	-3	52	11	0.00	2.74	14.56	0.17	-5.53
Clear Lake	30	0	54	12	0.02	1.95	16.88	-1.17	-6.88
Sisseton	34	3	60	13	0.01	2.32	15.41	-0.21	-4.48
Watertown	33	3	60	12	0.00	1.70	15.30	-0.66	-5.42
Webster	33	3	57	10	0.00	4.28	19.72	1.69	-5.05
<b>West Central</b>									
Faith	36	4	62	8	0.00	0.51	10.70	-1.52	-5.00
Milesville	36	2	64	11	0.00	0.60	8.86	-1.57	-8.76
Philip	37	3	71	9	0.00	0.67	6.13	-1.15	-9.64
Rapid City	38	3	67	8	0.00	0.65	10.06	-1.09	-3.91
Spearfish	36	-3	59	9	0.00	1.60	10.92	-1.12	-8.14
<b>Central</b>									
Chamberlain	38	4	69	17	0.00	0.55	10.41	-1.72	-8.52
Highmore	30	-1	59	9	0.00	0.33	10.99	-1.64	-9.80
Huron	34	1	61	15	0.01	1.15	14.71	-1.11	-4.55
Onida	35	1	66	14	0.00	0.68	11.47	-1.40	-6.48
Pierre	35	1	66	14	0.00	0.68	8.81	-1.41	-7.96
Wessington Spr.	32	-3	58	12	0.00	0.57	16.57	-2.16	-5.06
<b>East Central</b>									
Brookings	30	-1	56	12	0.00	1.79	18.26	-0.91	-4.68
Madison	32	0	56	12	0.00	1.49	20.41	-1.41	-2.71
Mitchell	36	2	62	15	0.00	0.80	17.16	-1.38	-2.58
Sioux Falls	36	3	59	14	0.00	1.08	11.95	-1.80	-9.23
<b>Southwest</b>									
Custer	34	2	56	10	0.00	1.58	11.40	-0.30	-5.88
Hot Springs	38	1	65	15	0.00	0.96	9.74	-0.68	-5.84
Oelrichs	38	3	63	8	0.00	1.18	10.28	-0.57	-5.55
Porcupine	38	4	67	8	0.00	0.72	10.76	-1.47	-7.08
<b>South Central</b>									
Kennebec	36	2	68	9	0.00	0.61	11.34	-1.41	-7.38
Mission	33	-1	62	6	0.00	0.73	9.64	-1.45	-8.86
Murdo	35	0	61	11	0.00	0.75	10.20	-1.50	-7.11
Winner	40	4	70	16	0.00	0.37	8.86	-2.12	-11.30
<b>Southeast</b>									
Academy	32	-2	64	12	0.00	0.45	11.52	-2.04	-9.73
Centerville	33	-1	61	13	0.00	0.72	9.23	-2.38	-13.30
Pickstown	34	-3	60	15	0.00	0.67	9.88	-2.05	-12.16
Vermillion	39	2	61	17	0.00	1.57	13.14	-1.61	-11.94
Yankton	34	-2	60	14	0.00	1.63	10.13	-1.53	-13.08

DATA AND MAPS SOURCE: State Climate Office of South Dakota