

# SOUTH DAKOTA WEEKLY CROP-WEATHER REPORT


 SOUTH DAKOTA  
 FIELD OFFICE  
 NATIONAL AGRICULTURAL  
 STATISTICS SERVICE  
 P.O. Box 5068  
 Sioux Falls, South Dakota 57117-5068  
 Cooperating with  
 SOUTH DAKOTA STATE UNIVERSITY  
 AGRICULTURAL EXTENSION SERVICE  
 and  
 U.S. DEPARTMENT OF AGRICULTURE  
 FARM SERVICE AGENCY

Released: April 17, 2006 -- 3:00 p.m. CST  
 For Week Ending April 16, 2006  
 SD-CW5515 Volume 55 Issue 15

**AGRICULTURAL SUMMARY:** Last week's mild weather, with temperatures well above normal, provided excellent drying conditions for several areas of the state, helping fields to dry to an appropriate level for fieldwork to continue. Progress was made in fertilizing and small grain seeding, as well as preparation for row crop planting. Other major farm activities included routine chores, caring for livestock, cleaning cattle lots, fencing, and calving and lambing. State-wide, there were 4.2 days reported suitable for fieldwork.

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

**WEATHER INFORMATION:** Temperatures ranged from 13 to 19 degrees above normal last week, with averages mostly in the upper 50's and lower 60's. The low temperature for the week was 30 degrees, reported in Custer and Spearfish, while the high for the week was 90 degrees, reported in Yankton. Precipitation was scattered, with Yankton receiving the most precipitation, at 1.37 inches.

**SOIL CONDITION:** Last week's predominantly dry weather did little to change soil moisture levels from the previous week, with topsoil rated at 87 percent adequate to surplus and subsoil rated at 73 percent adequate to surplus. Soil temperatures from reporting stations averaged 52.9 degrees, approximately 13 degrees above normal.

**FIELD CROPS REPORT:** With fields dry enough to continue fieldwork by mid-week for much of the state, small grain seeding showed advancements, yet progress remains behind both last year and the five-year average. Barley, oats, and spring wheat are 14 percent, 32 percent, and 35 percent seeded, respectively, with emergence ratings at 2 percent, 7 percent, and 6 percent, respectively. Winter wheat condition improved further last week, with the crop now rated at 58 percent good to excellent. Winter wheat breaking dormancy is rated at 94 percent behind last year's 99 percent, yet ahead of the five-year average of 82 percent.

**LIVESTOCK, PASTURE, AND RANGE REPORT:** Feed supplies and stock water supplies remained similar to the previous week, in mostly adequate to surplus supply. While some reports stated that recent rains have helped to fill stock dams, others still comment that more precipitation is needed to bring water levels in stock dams up to a reasonable level. Range and pasture condition remains similar to the previous week, rated at 53 percent good to excellent. While cattle and sheep remain in mostly good to excellent condition, 13 percent of cattle have been moved to pastures. Calving and lambing have advanced to 72 percent and 73 percent complete, respectively; both ahead of last year's progress and the five-year average. Calf and sheep and lamb deaths remain mostly at or below average.

## FEED AND WATER SUPPLIES COMPARISON AS OF APRIL 16, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave. Percent	This Year	Last Year	5-Yr. Ave. Percent
Very Short	1	9	11	14	22	16
Short	4	17	21	13	22	20
Adeq.	90	69	64	68	55	58
Surplus	5	5	4	5	1	6

## SOIL MOISTURE CONDITION COMPARISON AS OF APRIL 16, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	4	1	8	10	10	13
Short	9	11	19	17	18	23
Adeq.	76	67	70	66	61	62
Surplus	11	21	3	7	11	2

## CROP AND LIVESTOCK CONDITIONS AS OF APRIL 16, 2006

ITEM	V POOR	POOR	FAIR	GOOD	EXCEL
	Percent				
Winter Wheat	1	12	29	49	9
Cattle	0	0	7	75	18
Sheep	0	1	9	70	20
Range & Pasture	1	12	34	45	8

## CROP PROGRESS AS OF APRIL 16, 2006 1/

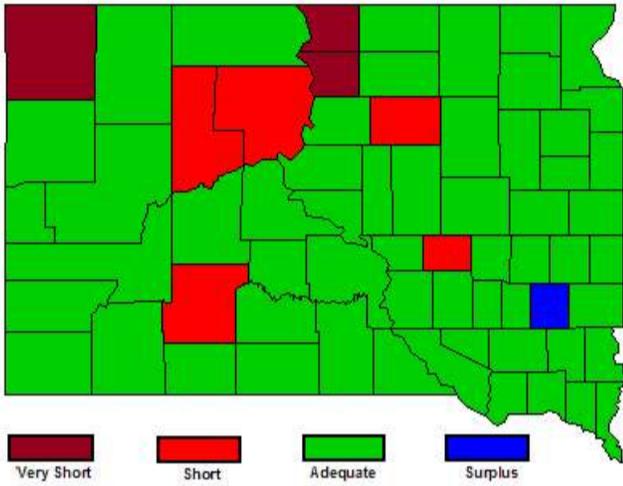
ITEM	This Week	Last Week	Last Year	5-Yr. Ave.
	Percent			
<b>Barley</b>				
seeded	14	4	35	24
emerged	2	0	6	3
<b>Spring wheat</b>				
seeded	35	15	65	40
emerged	6	2	14	6
<b>Oats</b>				
seeded	32	13	55	33
emerged	7	1	10	6

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

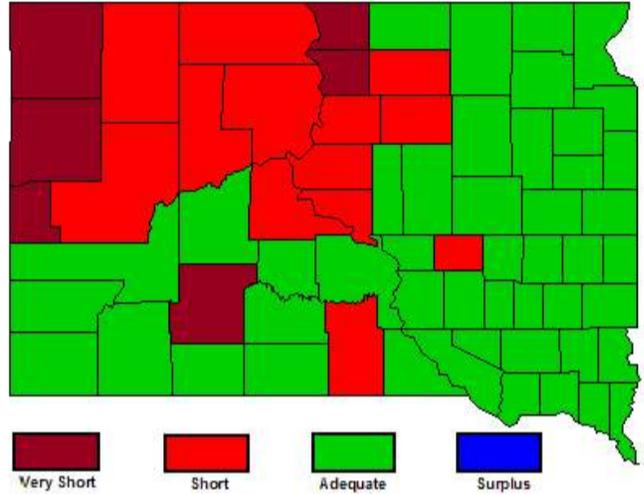
## SOIL TEMPERATURES WEEK ENDING APR 16, 2006 (4-inch Depth)

LOCATION	TEMP	LOCATION	TEMP
Beresford	61	Gettysburg	54
Brookings	49	Nisland	54
Caputa	50	Pierre	54
Chamberlain	55	Redfield	50
Cottonwood	56	Watertown	47

**TOPSOIL MOISTURE**  
As of Sunday, April 16, 2006



**SUBSOIL MOISTURE**  
As of Sunday, April 16, 2006



**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS**

WEEK ENDING SUNDAY, APRIL 16, 2006

Dist.	Station	Temperature Past Week				Precipitation					Growing Degree Days	
		Average	Departure from Normal	High	Low	Total			Departure from Normal		Accum. Total	Departure from Normal
						Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 1	Since Apr. 1		
		Degrees				Inches						
NW	Bison	58	15	79	39	0.00	2.31	0.10	-0.75	-1.00	82	68
	Buffalo	57	14	78	35	0.00	1.09	0.53	-0.70	-0.08	74	58
	Dupree	59	15	82	36	0.00	2.23	0.42	-0.35	-0.47	81	64
	McIntosh	59	17	80	39	0.00	1.20	0.14	-1.16	-0.75	83	70
	Newell	57	14	80	37	0.00	3.55	2.11	1.32	1.38	62	46
	Timber Lake	59	16	81	39	0.12	1.45	0.22	-1.52	-0.79	84	68
NC	Aberdeen	58	15	84	32	0.14	2.34	1.30	-0.81	0.33	72	53
	Eureka	59	17	83	34	0.00	1.04	0.41	-1.43	-0.48	83	72
	Faulkton	59	16	83	36	0.12	2.06	0.67	-1.09	-0.38	74	62
	Mobridge	61	17	85	35	0.00	0.67	0.14	-2.27	-0.90	97	81
	Roscoe	57	14	83	33	0.09	1.08	0.34	-2.00	-0.82	59	43
NE	Britton	60	17	81	38	0.07	3.19	1.48	0.61	0.61	86	67
	Clear Lake	59	15	82	39	0.35	3.19	1.06	-0.87	-0.09	69	57
	Sisseton	59	15	80	35	0.01	2.81	1.24	-0.73	0.13	64	45
	Webster	59	16	80	39	0.13	3.95	2.48	0.78	1.60	69	54
	Watertown	59	16	82	36	0.28	2.17	0.95	-1.43	-0.12	77	65
WC	Faith	59	15	79	40	0.00	1.59	0.14	-1.12	-0.76	80	61
	Milesville	59	14	83	38	0.10	2.05	0.40	-0.71	-0.44	83	59
	Long Valley	61	16	85	37	0.19	2.69	0.90	-0.16	-0.08	115	95
	Philip	60	14	85	35	0.04	2.49	0.43	0.04	-0.38	98	76
	Rapid City	60	16	84	39	0.01	2.52	0.98	-0.32	0.08	103	89
	Spearfish	59	16	80	30	0.00	3.71	1.58	-0.39	0.27	86	70
C	Chamberlain	61	14	88	39	0.05	3.49	0.97	0.73	-0.02	90	65
	Highmore	62	17	85	39	0.10	3.02	1.70	-0.15	0.60	109	91
	Huron	60	15	85	36	0.29	1.75	0.92	-2.06	-0.14	100	79
	Onida	61	15	84	40	0.00	2.71	0.79	-0.65	-0.24	93	74
	Pierre	62	16	85	40	0.00	1.65	0.19	-1.40	-0.82	110	89
EC	Brookings	58	16	82	35	0.33	2.81	0.79	-0.21	-0.25	67	57
	Madison	61	18	84	42	0.52	3.36	1.56	-0.99	0.32	93	80
	Mitchell	61	15	86	39	0.41	4.68	2.23	0.83	1.01	89	67
	Sioux Falls	64	19	87	42	0.61	7.91	4.39	3.86	3.13	125	105
SW	Custer	52	13	71	30	0.00	3.02	0.41	0.30	-0.43	27	24
	Hot Springs	59	13	81	34	0.00	4.06	0.51	1.85	-0.21	95	68
	Oelrichs	58	13	82	35	0.00	3.51	0.88	0.69	-0.02	88	65
	Porcupine	59	15	85	35	0.09	4.80	1.71	2.56	0.95	91	77
SC	Murdo	62	18	85	40	0.00	4.05	1.09	0.70	0.00	112	99
	Winner	65	17	89	39	0.00	4.79	1.91	0.64	0.59	152	117
SE	Armour	63	16	86	38	0.20	4.05	2.12	0.00	0.95	132	100
	Centerville	63	18	88	39	0.68	5.19	2.79	1.32	1.70	122	101
	Marion	61	17	87	38	0.66	5.56	2.52	1.25	1.20	97	81
	Pickstown	63	17	89	38	0.18	6.46	3.31	2.74	2.08	113	90
	Vermillion	66	17	89	42	0.51	5.38	2.28	1.59	1.12	154	112
	Yankton	64	18	90	40	1.37	8.35	3.65	4.84	2.65	127	103

SOURCE: National Weather Service, provided by AWIS, Inc.