

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

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 For Week Ending May 14, 2006
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AGRICULTURAL SUMMARY: Cool temperatures continued last week, with small grain development remaining behind last year's progress. Corn planting showed significant advancements last week, yet emergence remains behind normal. Major farm activities last week included caring for livestock, calving and lambing, fertilizing, working ground, small grain seeding, and preparing for and planting of row crops. Statewide, there were 5.2 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 remained 2 to 7 degrees below normal last week, with precipitation totals ranging from 0 inches in Winner and Vermillion to 1.6 inches in Spearfish. Last week's high of 80 degrees was reported in Mobridge, Philip, Pierre, and Murdo, while the low for the week, at 26 degrees, was reported in Dupree and Custer.

SOIL CONDITION: Both topsoil and subsoil moisture levels fell last week, with topsoil rated at 80 percent adequate to surplus and subsoil rated at 72 percent adequate to surplus. Soil temperatures from reporting stations averaged 53.4 degrees last week.

FIELD CROPS REPORT: Winter wheat development progressed ahead of average, yet the rating of 38 percent in boot stage remains behind last year's progress. Small grain seeding nears completion, while emergence of small grains also remains behind last year's progress. Corn planting has reached 65 percent complete, with 8 percent emerged, behind the five-year average of 11 percent emerged. Soybean planting is in line with last year's progress, with 13 percent planted and 1 percent emerged. Both sorghum and sunflower planting, at 12 percent and 4 percent, respectively, are ahead of the five-year averages.

LIVESTOCK, PASTURE, AND RANGE REPORT: Cattle and sheep remain in mostly good to excellent condition despite last week's cooler weather. Range and pasture conditions vary throughout the state, with some areas needing more moisture to fill stock dams, as 55 percent of cattle have been moved to pastures. Stock water supplies fell slightly last week, with 75 percent rated in adequate to surplus supply. Calving and lambing near completion, with calving 91 percent complete and lambing 90 percent complete.

FEED AND WATER SUPPLIES COMPARISON AS OF MAY 14, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave.	This Year	Last Year	5-Yr. Ave.
	Percent					
Very Short	2	13	9	7	17	14
Short	4	14	21	18	22	19
Adeq.	89	65	66	67	58	60
Surplus	5	8	4	8	3	7

SOIL MOISTURE CONDITION COMPARISON AS OF MAY 14, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent					
Very Short	3	2	3	5	5	7
Short	17	13	11	23	18	19
Adeq.	64	68	75	60	63	70
Surplus	16	17	11	12	14	4

CROP AND LIVESTOCK CONDITIONS AS OF MAY 14, 2006

ITEM	V POOR	POOR	FAIR	GOOD	EXCEL
	Percent				
Winter Wheat	2	13	29	43	13
Spring Wheat	0	4	27	56	13
Barley	0	4	19	72	5
Oats	0	2	18	73	7
Cattle	0	1	6	78	15
Sheep	0	1	11	74	14
Range & Pasture	1	8	28	54	9

CROP PROGRESS AS OF MAY 14, 2006 1/

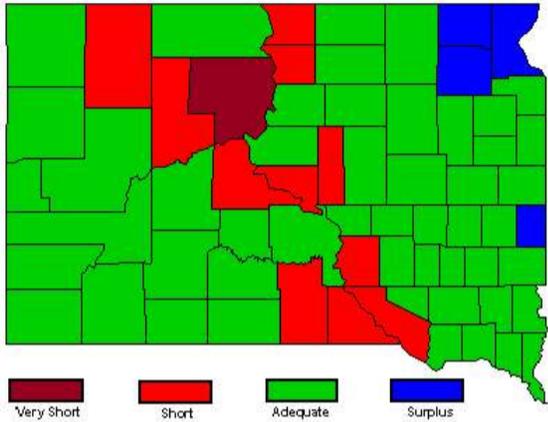
ITEM	This Week	Last Week	Last Year	5-Yr. Ave
	Percent			
Barley				
seeded	82	73	95	88
emerged	57	42	71	63
Spring wheat				
seeded	96	90	100	93
emerged	82	66	94	77
Oats				
seeded	95	87	99	91
emerged	72	59	83	71
Corn				
planted	65	35	71	61
emerged	8	2	6	11
Sorghum				
seeded	12	4	9	8
Soybeans				
planted	13	3	12	15
emerged	1	0	1	1
Sunflower				
seeded	4	0	4	3
Winter wheat				
boot	38	20	41	25
headed	0	0	0	1

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

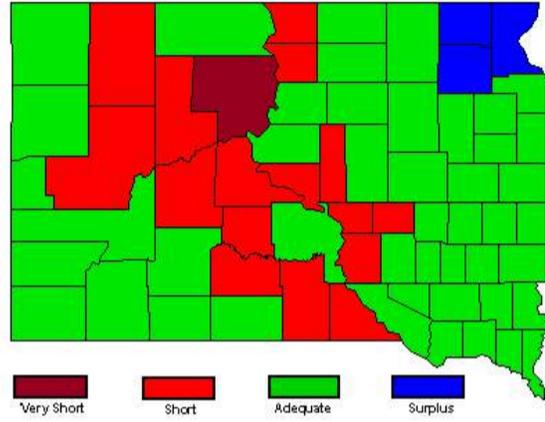
SOIL TEMPERATURES WEEK ENDING MAY 14, 2006 (4-inch Depth)

LOCATION	TEMP	LOCATION	TEMP
Beresford	55	Gettysburg	56
Brookings	52	Nisland	55
Caputa	50	Pierre	56
Chamberlain	57	Redfield	51
Cottonwood	55	Watertown	49

TOPSOIL MOISTURE
As of Sunday, May 14, 2006



SUBSOIL MOISTURE
As of Sunday, May 14, 2006



TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS

WEEK ENDING SUNDAY, May 14, 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	51	-4	71	33	0.08	3.74	1.53	-1.65	-1.9	148	42
	Buffalo	50	-4	72	33	0.17	2.28	1.72	-1.33	-0.71	134	37
	Dupree	50	-6	72	26	0.14	3.49	1.68	-1.34	-1.46	145	14
	McIntosh	51	-4	71	32	0.08	2.32	1.26	-2.09	-1.68	152	39
	Newell	50	-4	74	32	0.98	7.05	5.61	2.85	2.91	126	23
	Timber Lake	49	-7	67	29	0.1	2.67	1.44	-2.59	-1.86	136	9
NC	Aberdeen	52	-4	74	33	1.09	4.73	3.69	-0.38	0.76	149	10
	Eureka	52	-4	70	30	0.43	2.75	2.12	-1.68	-0.73	164	56
	Faulkton	52	-4	76	28	0.57	3.18	1.79	-2.14	-1.43	153	36
	Mobridge	52	-4	80	28	0.08	1.75	1.22	-3.36	-1.99	192	65
	Roscoe	50	-6	76	27	0.78	2.86	2.12	-2.46	-1.28	110	-15
NE	Britton	53	-3	70	36	0.78	5.79	4.08	1.17	1.17	186	39
	Clear Lake	52	-4	72	36	1.11	6.52	4.39	0.1	0.88	134	4
	Sisseton	55	-3	74	36	1.07	6.64	5.07	0.69	1.55	167	13
	Webster	51	-5	69	35	0.76	7	5.53	1.7	2.52	139	7
	Watertown	53	-3	73	36	0.6	4.5	3.28	-1.47	-0.16	153	30
WC	Faith	52	-4	77	34	0.1	2.45	1	-2.56	-2.2	161	31
	Milesville	51	-6	75	31	0.14	3.38	1.73	-1.79	-1.52	152	-3
	Long Valley	51	-5	72	30	0.18	3.71	1.92	-1.37	-1.29	191	49
	Philip	52	-5	80	28	0.17	3.56	1.5	-0.97	-1.39	176	22
	Rapid City	51	-3	73	30	0.7	4.34	2.8	-0.6	-0.2	171	72
	Spearfish	50	-3	71	32	1.6	7.16	5.03	0.09	0.75	145	51
C	Chamberlain	53	-5	77	32	0.12	4.13	1.61	-0.92	-1.67	176	-5
	Highmore	52	-5	70	30	0.26	4.18	2.86	-1.35	-0.6	192	47
	Huron	52	-5	73	29	0.38	2.91	2.08	-3.12	-1.2	186	41
	Onida	51	-7	71	27	0.02	3.88	1.96	-1.62	-1.21	160	8
	Pierre	53	-5	80	29	0.07	2.24	0.78	-3.06	-2.48	202	47
EC	Brookings	53	-2	72	35	0.97	6.04	4.02	0.85	0.81	130	26
	Madison	53	-4	72	35	0.22	5.37	3.57	-1.35	-0.04	162	33
	Mitchell	53	-6	72	33	0.43	6.45	4	0.08	0.26	163	-14
	Sioux Falls	54	-3	72	37	0.08	9.82	6.3	3.23	2.5	211	58
SW	Custer	44	-5	66	26	0.41	4.17	1.56	-0.88	-1.61	43	5
	Hot Springs	53	-3	76	29	0.24	5.67	2.12	1.36	-0.7	171	24
	Oelrichs	51	-6	78	33	0.6	5.77	3.14	0.62	-0.09	153	9
	Porcupine	51	-5	78	30	0.5	7.44	4.35	3.12	1.51	160	42
SC	Murdo	53	-3	80	37	0.35	5.09	2.13	-0.53	-1.23	197	68
	Winner	53	-6	74	33	0	6.03	3.15	-1.15	-1.2	273	59
SE	Armour	53	-6	72	33	0.1	5.38	3.45	-1.15	-0.2	236	32
	Centerville	54	-4	75	36	0.1	6.62	4.22	0.18	0.56	223	52
	Marion	53	-4	73	35	0.31	7.61	4.57	0.75	0.7	174	23
	Pickstown	54	-4	74	35	0.07	7.31	4.16	1.28	0.62	217	43
	Vermillion	56	-5	76	35	0	7.94	4.84	1.44	0.97	302	57
	Yankton	55	-3	76	37	0.12	9.84	5.14	3.79	1.6	248	66

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