

SOUTH DAKOTA WEEKLY CROP-WEATHER REPORT


 SOUTH DAKOTA
 FIELD OFFICE
 NATIONAL AGRICULTURAL
 STATISTICS SERVICE
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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 July 2, 2006
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AGRICULTURAL SUMMARY: Temperatures were above normal for most areas across the state last week. Precipitation amounts were greatest in the southeastern part of the state. Hot, dry weather caused further depletion of soil moisture levels. Row crop and small grain development remain ahead of normal. Major farm activities included haying, cultivating, spraying row crops, machinery repair, preparation for small grain harvest, and tending to livestock. Statewide, there were 6.6 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: Average temperatures last week ranged from 3 degrees below normal to 6 degrees above normal. Last week's high temperature was 103 degrees, reported in Chamberlain and Murdo. The low temperature was 40 degrees, reported in Custer. Highmore received the most precipitation at 0.65 inch.

SOIL CONDITION: Hot, dry weather caused topsoil and subsoil moisture levels to decrease last week. Topsoil moisture levels fell to 39 percent adequate to surplus, compared to last week's 55 percent. Subsoil moisture fell to 43 percent adequate to surplus, compared to last week's 51 percent.

FIELD CROPS REPORT: Hot, dry conditions last week caused a decline in crop conditions. Average corn height increased to 37 inches, compared to the five-year average of 25 inches. Statewide, 16 percent of soybeans are blooming. Sorghum emergence is at 97 percent, ahead of the five-year average of 50 percent. Winter wheat turning color is at 90 percent, while 43 percent is ripe and 11 percent harvested; compared to the five-year averages of 59 percent turning color, 5 percent ripe, and none harvested. Small grain development continues to be ahead of both last year and five-year averages.

LIVESTOCK, PASTURE, AND RANGE REPORT: Cattle and sheep remain in mostly good to excellent condition. Range and pasture conditions continued to deteriorate due to hot, dry weather. Stock water supplies decreased, with 49 percent in adequate to surplus supply. First cutting of alfalfa hay advanced to 89 percent complete. Second cutting of alfalfa hay advanced 12 percentage points to 19 percent cut.

FEED AND WATER SUPPLIES COMPARISON AS OF JULY 2, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave.	This Year	Last Year	5-Yr. Ave.
Percent						
Very Short	10	3	11	23	8	16
Short	34	4	16	28	13	18
Adeq.	53	85	68	47	66	58
Surplus	3	8	5	2	13	8

SOIL MOISTURE CONDITION COMPARISON AS OF JULY 2, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Percent						
Very Short	31	24	1	32	26	4
Short	30	21	6	25	23	7
Adeq.	38	54	73	41	49	71
Surplus	1	1	20	2	2	18

CROP AND LIVESTOCK CONDITIONS AS OF JULY 2, 2006

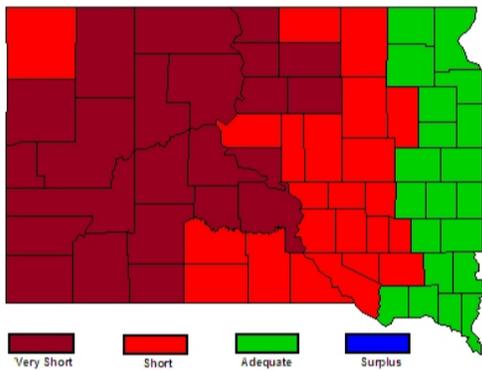
ITEM	V POOR	POOR	FAIR	GOOD	EXCEL
Percent					
Winter Wheat	29	26	32	12	1
Spring Wheat	26	29	28	14	3
Barley	17	28	32	22	1
Oats	20	35	26	17	2
Corn	4	9	23	45	19
Soybeans	4	8	26	49	13
Sorghum	19	16	52	11	2
Sunflower	17	28	37	17	1
Alfalfa	24	23	26	23	4
Cattle	0	2	19	61	18
Sheep	0	0	15	62	23
Range & Pasture	22	24	26	24	4

CROP PROGRESS AS OF JULY 2, 2006 1/

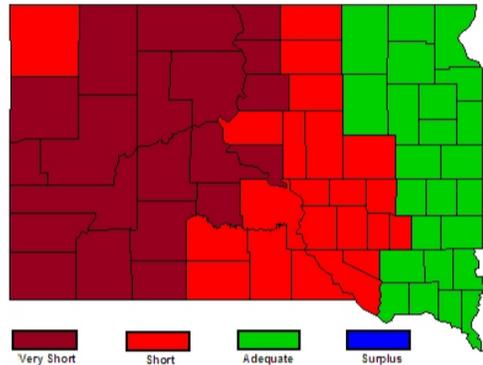
ITEM	This Week	Last Week	Last Year	5-Yr. Ave
Percent				
Barley				
headed	90	70	85	72
turning color	17	5	12	9
ripe	1	0	0	0
Spring wheat				
headed	96	83	89	83
turning color	37	7	9	9
ripe	3	0	0	1
Oats				
headed	93	74	82	79
turning color	30	8	8	10
ripe	3	0	0	1
Corn				
ave.height (in.)	37	22	27	25
2 nd cult./sprayed	72	33	41	39
tasseling	3	0	0	0
Sorghum				
emerged	97	92	83	50
headed	0	0	0	1
Soybeans				
blooming	16	1	3	7
Winter wheat				
turning color	90	80	70	59
ripe	43	10	1	5
harvested	11	0	0	0
Alfalfa				
1 st cutting	89	87	80	82
2 nd cutting	19	7	6	7
Other hay				
cut	59	47	40	41

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

TOPSOIL MOISTURE
As of Sunday, July 2, 2006



SUBSOIL MOISTURE
As of Sunday, July 2, 2006



TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS

WEEK ENDING SUNDAY, July 2, 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	74	6	98	52	0.00	5.19	2.98	-4.98	-5.23	1050	304
	Buffalo	72	4	99	50	0.00	5.85	5.29	-2.25	-1.63	907	211
	Dupree	75	5	99	47	0.00	5.54	3.73	-4.40	-4.52	1099	259
	McIntosh	75	6	99	50	0.00	3.92	2.86	-5.37	-4.96	1097	315
	Newell	73	5	99	49	0.00	8.73	7.29	-0.18	-0.12	974	245
	Timber Lake	74	5	96	54	0.00	3.61	2.38	-6.70	-5.97	1038	218
NC	Aberdeen	69	-2	90	47	0.00	8.88	7.84	-1.01	0.13	985	140
	Eureka	73	5	95	50	0.00	5.38	4.75	-3.76	-2.81	1109	350
	Faulkton	71	2	100	49	0.08	4.19	2.80	-6.06	-5.35	1055	245
	Mobridge	75	5	99	48	0.00	2.52	1.99	-7.28	-5.91	1184	346
	Roscoe	70	1	95	51	0.20	5.70	4.96	-4.89	-3.71	908	90
NE	Britton	72	3	92	51	0.08	8.50	6.79	-1.53	-1.53	1115	244
	Clear Lake	69	-2	90	50	0.00	10.10	7.97	-1.95	-1.17	904	53
	Sisseton	70	-1	94	51	0.00	8.67	7.10	-2.18	-1.32	1009	107
	Webster	71	2	89	53	0.00	11.13	9.66	0.60	1.42	949	113
	Watertown	69	-2	91	48	0.03	7.40	6.18	-4.09	-2.78	956	120
WC	Faith	74	4	97	52	0.00	4.42	2.97	-5.53	-5.17	1103	270
	Milesville	76	5	100	50	0.05	5.82	4.17	-4.51	-4.24	1160	252
	Long Valley	75	3	100	47	0.22	6.65	4.86	-3.65	-3.57	1190	301
	Philip	75	3	102	45	0.13	5.47	3.41	-3.84	-4.26	1173	241
	Rapid City	74	6	99	52	0.13	6.52	4.98	-3.21	-2.81	1090	376
	Spearfish	73	6	95	50	0.24	10.36	8.23	-3.26	-2.60	1022	348
C	Chamberlain	74	1	103	50	0.07	5.90	3.38	-3.92	-4.67	1177	153
	Highmore	74	3	99	51	0.65	7.60	6.28	-2.91	-2.16	1198	300
	Huron	71	-2	94	47	0.03	5.92	5.09	-5.34	-3.42	1090	187
	Onida	75	3	102	49	0.02	5.76	3.84	-4.45	-4.04	1131	197
	Pierre	75	3	102	52	0.26	4.04	2.58	-6.69	-6.11	1241	295
EC	Brookings	68	-2	88	47	0.04	9.08	7.06	-2.50	-2.54	917	158
	Madison	69	-2	90	45	0.08	8.30	6.50	-3.99	-2.68	989	148
	Mitchell	71	-3	94	50	0.13	10.36	7.91	-1.77	-1.59	1049	31
	Sioux Falls	70	-2	88	49	0.24	14.54	11.02	2.60	1.87	1110	176
SW	Custer	64	2	88	40	0.22	9.15	6.54	-1.15	-1.88	573	161
	Hot Springs	73	3	96	44	0.00	8.01	4.46	-0.91	-2.97	1072	231
	Oelrichs	72	2	101	46	0.58	10.61	7.98	0.68	-0.03	1049	188
	Porcupine	72	0	98	44	0.08	9.92	6.83	0.76	-0.85	1038	205
SC	Murdo	75	4	103	56	0.03	6.81	3.85	-3.79	-4.49	1216	337
	Winner	76	3	101	54	0.10	8.42	5.54	-4.72	-4.77	1343	238
SE	Armour	73	-1	94	52	0.00	8.62	6.69	-3.90	-2.95	1274	205
	Centerville	70	-3	91	44	0.11	11.23	8.83	-1.74	-1.36	1152	162
	Marion	70	-3	91	50	0.20	11.98	8.94	-0.69	-0.74	1060	118
	Pickstown	72	-2	97	52	0.16	11.71	8.56	-0.30	-0.96	1185	174
	Vermillion	73	-2	94	49	0.00	11.11	8.01	-1.73	-2.20	1390	219
	Yankton	71	-2	97	50	0.26	15.17	10.47	2.72	0.53	1223	200

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