

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 9, 2006
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AGRICULTURAL SUMMARY: Temperatures were slightly above normal for most areas across the state last week. Precipitation amounts were greatest in the southwestern part of the state. Hot, dry weather caused further depletion of soil moisture levels. Row crop and small grain development advanced ahead of normal. Major farm activities include haying, cultivating, spraying row crops, machinery repair, preparing for small grain harvest, fixing fence, and tending to livestock. Statewide, there were 6.7 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 Onida and Mobridge. The low temperature was 46 degrees, reported in Madison. Custer received the most precipitation, at 2.43 inches.

SOIL CONDITION: Hot, dry weather caused topsoil and subsoil moisture levels to decrease last week. Topsoil moisture levels fell to 28 percent adequate to surplus, compared to the previous week's 39 percent adequate to surplus. Subsoil moisture fell to 34 percent adequate to surplus, compared to 43 percent the previous week.

FIELD CROPS REPORT: Most crop conditions continued to deteriorate last week due to seasonal weather. Average corn height increased to 51 inches, compared to the five-year average of 38 inches. Statewide, 41 percent of soybeans are blooming, compared to 21 percent on average. Setting pods is just starting on 2 percent of the soybeans, ahead of none last year and 1 percent on average. Sorghum headed is at 2 percent, behind the five-year average of 4 percent. Winter wheat harvest made significant progress last week and is now 39 percent complete. This compares to 5 percent harvested last year and 4 percent on average. Small grain conditions continued to deteriorate as development advanced ahead of both last year and the five-year averages.

LIVESTOCK, PASTURE, AND RANGE REPORT: Cattle and sheep remain in mostly good to excellent condition. Range and pastures are in fair to good condition. Stock water supplies decreased, with 47 percent in adequate to surplus supply. First cutting of alfalfa hay advanced to 95 percent complete. Second cutting of alfalfa hay advanced 12 percentage points to 31 percent cut.

FEED AND WATER SUPPLIES COMPARISON AS OF JULY 9, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave.	This Year	Last Year	5-Yr. Ave.
Percent						
Very Short	13	2	10	24	6	16
Short	33	3	16	29	15	18
Adeq.	51	84	69	45	71	60
Surplus	3	11	5	2	8	6

SOIL MOISTURE CONDITION COMPARISON AS OF JULY 9, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Percent						
Very Short	34	31	3	36	32	4
Short	38	30	19	30	25	10
Adeq.	28	38	67	33	41	76
Surplus	0	1	11	1	2	10

CROP AND LIVESTOCK CONDITIONS AS OF JULY 9, 2006

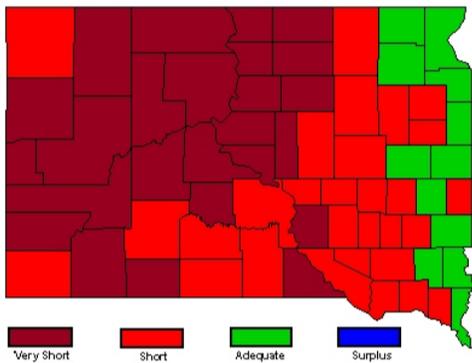
ITEM	V POOR	POOR	FAIR	GOOD	EXCEL
Percent					
Winter Wheat	28	21	32	18	1
Spring Wheat	28	29	24	16	3
Barley	18	33	28	20	1
Oats	19	41	21	17	2
Corn	6	11	28	40	15
Soybeans	6	11	30	41	12
Sorghum	14	15	57	13	1
Sunflower	25	24	37	13	1
Alfalfa	25	24	23	23	5
Cattle	0	3	22	59	16
Sheep	0	1	17	58	24
Range & Pasture	22	24	27	25	2

CROP PROGRESS AS OF JULY 9, 2006 1/

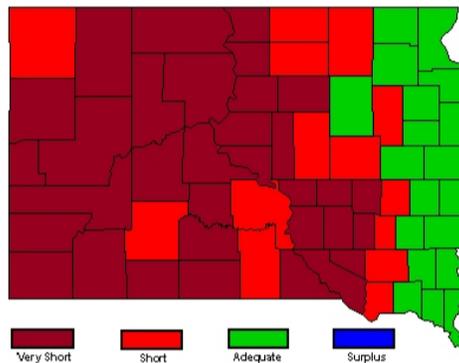
ITEM	This Week	Last Week	Last Year	5-Yr. Ave
Percent				
Barley				
headed	99	90	95	90
turning color	42	17	32	26
ripe	2	1	0	2
Spring wheat				
turning color	74	37	37	32
ripe	9	3	0	4
harvested	1	0	0	1
Oats				
headed	98	93	94	92
turning color	53	30	28	29
ripe	8	3	0	4
harvested	3	0	0	2
Corn				
ave.height (in.)	51	37	40	38
2 nd cult./sprayed	87	72	65	66
tasseling	8	3	2	2
Sorghum				
headed	2	0	0	4
Soybeans				
blooming	41	16	15	21
setting pods	2	0	0	1
Sunflower				
blooming	0	0	0	1
Winter wheat				
turning color	99	90	93	84
ripe	77	43	27	25
harvested	39	11	5	4
Alfalfa				
1 st cutting	95	89	93	91
2 nd cutting	31	19	17	20
Other hay				
cut	71	59	55	54

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

TOPSOIL MOISTURE
As of Sunday, July 9, 2006



SUBSOIL MOISTURE
As of Sunday, July 9, 2006



TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS

WEEK ENDING SUNDAY, July 9, 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	75	5	98	56	0.00	5.19	2.98	-5.53	-5.78	1227	336
	Buffalo	74	5	96	53	0.04	5.89	5.33	-2.71	-2.09	1078	240
	Dupree	77	5	101	55	0.03	5.57	3.76	-4.93	-5.05	1288	290
	McIntosh	76	5	99	55	0.00	3.92	2.86	-5.95	-5.54	1281	349
	Newell	75	4	96	54	0.08	8.81	7.37	-0.58	-0.52	1148	271
	Timber Lake	77	6	99	55	0.00	3.61	2.38	-7.22	-6.49	1226	255
NC	Aberdeen	72	1	93	48	0.25	9.13	8.09	-1.45	-0.31	1142	146
	Eureka	75	5	99	52	0.14	5.52	4.89	-4.23	-3.28	1286	383
	Faulkton	76	5	97	53	0.55	4.74	3.35	-6.09	-5.38	1237	275
	Mobridge	78	6	103	55	0.00	2.52	1.99	-7.81	-6.44	1378	383
	Roscoe	74	4	99	55	0.40	6.10	5.36	-5.17	-3.99	1079	112
NE	Britton	73	2	92	51	0.09	8.59	6.88	-2.11	-2.11	1282	259
	Clear Lake	71	-1	88	50	0.56	10.66	8.53	-2.23	-1.45	1051	50
	Sisseton	72	-1	89	52	0.20	8.87	7.30	-2.61	-1.75	1165	107
	Webster	70	-2	86	52	0.21	11.34	9.87	0.04	0.86	1092	107
	Watertown	71	0	89	47	0.13	7.53	6.31	-4.70	-3.39	1107	120
WC	Faith	77	5	100	53	0.00	4.42	2.97	-6.13	-5.77	1291	301
	Milesville	78	5	102	53	0.19	6.01	4.36	-4.88	-4.61	1356	283
	Long Valley	76	4	97	57	0.42	7.07	5.28	-3.93	-3.85	1376	322
	Philip	78	4	100	58	0.64	6.11	4.05	-3.79	-4.21	1371	268
	Rapid City	76	6	96	57	0.27	6.79	5.25	-3.47	-3.07	1273	413
	Spearfish	76	6	97	56	0.00	10.36	8.23	-3.82	-3.16	1203	388
C	Chamberlain	75	-1	96	55	0.61	6.51	3.99	-3.93	-4.68	1352	150
	Highmore	77	4	98	52	0.34	7.94	6.62	-3.28	-2.53	1385	323
	Huron	74	1	95	51	0.03	5.95	5.12	-5.99	-4.07	1260	193
	Onida	77	4	103	56	0.11	5.87	3.95	-4.97	-4.56	1318	218
	Pierre	78	4	102	51	0.67	4.71	3.25	-6.71	-6.13	1437	319
EC	Brookings	70	0	89	47	0.00	9.08	7.06	-3.36	-3.40	1060	160
	Madison	71	-1	92	46	0.00	8.30	6.50	-4.74	-3.43	1137	146
	Mitchell	73	-2	93	52	0.34	10.70	8.25	-2.09	-1.91	1209	20
	Sioux Falls	72	-2	92	49	0.02	14.56	11.04	1.96	1.23	1267	169
SW	Custer	66	1	83	49	2.43	11.58	8.97	0.51	-0.22	685	170
	Hot Springs	74	2	91	55	0.80	8.81	5.26	-0.76	-2.82	1239	241
	Oelrichs	74	2	94	57	0.84	11.45	8.82	0.96	0.25	1222	197
	Porcupine	75	2	98	57	0.85	10.77	7.68	0.96	-0.65	1215	218
SC	Murdo	77	4	100	58	0.12	6.93	3.97	-4.30	-5.00	1410	365
	Winner	77	2	97	57	0.25	8.67	5.79	-5.31	-5.36	1532	245
SE	Armour	75	0	95	51	0.05	8.67	6.74	-4.65	-3.70	1450	207
	Centerville	71	-3	90	51	0.00	11.12	8.72	-2.69	-2.31	1300	148
	Marion	71	-3	91	51	0.12	12.10	9.06	-1.30	-1.35	1212	106
	Pickstown	75	-1	93	55	0.12	11.83	8.68	-0.91	-1.57	1359	175
	Vermillion	74	-3	93	50	0.33	11.44	8.34	-2.17	-2.64	1559	209
	Yankton	72	-3	94	51	0.00	15.17	10.47	1.94	-0.25	1378	184

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