

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: July 31, 2006 -- 3:00 p.m. CST
For Week Ending July 30, 2006
SD-CW5530 Volume 55 Issue 30

AGRICULTURAL SUMMARY: Temperatures were above normal across the state last week, with precipitation amounts the highest in eastern areas. Hot, dry weather caused further depletion of soil moisture levels. Row crop development advanced ahead of normal, while the small grain harvest continued. Major farm activities included haying, irrigating, moving hay, combining, maintaining machinery, and caring for livestock. Statewide, there were 6.8 days 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 last week ranged from 7 degrees above normal to 12 degrees above normal. Last week's high temperature was 112, reported in McIntosh. The low temperature was 53 degrees, reported in Custer. Milesville received the most precipitation, at 0.70 inch.

SOIL CONDITION: A week of hot, dry weather caused topsoil and subsoil moisture levels to decrease. Topsoil moisture levels fell 5 percentage points last week to 3 percent adequate to surplus. Subsoil moisture fell to 10 percent adequate to surplus, compared to 19 percent the previous week.

FIELD CROPS REPORT: Hot, dry weather last week caused row crop conditions to continue to decline. Corn tasseling advanced to 89 percent, while 66 percent has silked, and dough is at 12 percent; compared to the five-year averages of 80 percent tasseling, 52 percent silked, and 5 percent dough. Soybeans blooming increased to 93 percent, while setting pods advanced to 49 percent; compared to last year's 86 percent blooming and 18 percent setting pods. Sorghum headed is at 55 percent, ahead of the five-year average of 39 percent. Sorghum turning color is reported at 11 percent, compared to the five-year average of 6 percent. Small grain harvest is well underway and 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, while range and pasture conditions continue to deteriorate. Stock water supplies continue to fall, with 28 percent in adequate to surplus supply. Second cutting of alfalfa hay advanced to 81 percent cut, with the third cutting of alfalfa hay at 15 percent cut.

FEED AND WATER SUPPLIES COMPARISON AS OF JULY 30, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This Year	Last Year	5-Yr. Ave. Percent	This Year	Last Year	5-Yr. Ave.
Very Short	20	2	11	38	9	19
Short	34	7	18	34	20	21
Adeq.	44	80	66	28	67	55
Surplus	2	11	5	0	4	5

SOIL MOISTURE CONDITION COMPARISON AS OF JULY 30, 2006

RATING	TOPSOIL			SUBSOIL		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Percent						
Very Short	64	50	17	56	45	12
Short	33	42	36	34	36	31
Adeq.	3	8	45	10	19	55
Surplus	0	0	2	0	0	2

CROP AND LIVESTOCK CONDITIONS AS OF JULY 30, 2006

ITEM	V POOR	POOR	FAIR	GOOD	EXCEL
Percent					
Spring Wheat	34	26	23	13	4
Barley	26	33	31	8	2
Corn	27	23	28	20	2
Soybeans	14	26	35	21	4
Sorghum	29	31	32	8	0
Sunflower	33	26	34	7	0
Alfalfa	35	31	26	7	1
Cattle	1	5	24	55	15
Sheep	1	2	18	57	22
Range & Pasture	41	29	21	9	0

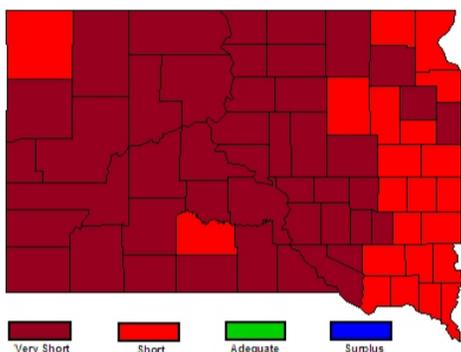
CROP PROGRESS AS OF JULY 30, 2006 1/

ITEM	This Week	Last Week	Last Year	5-Yr. Ave
Percent				
Barley				
ripe	84	48	46	57
harvested	51	13	22	21
Spring wheat				
ripe	85	68	78	67
harvested	54	33	34	31
Oats				
ripe	91	69	76	73
harvested	72	45	52	44
Corn				
tasseling	89	78	89	80
silked	66	42	63	52
dough	12	3	3	5
dented	2	NA	0	0
Sorghum				
headed	55	37	42	39
coloring	11	8	0	6
Soybeans				
blooming	93	79	86	82
setting pods	49	17	18	29
Sunflower				
blooming	23	13	18	18
ray flowers dry	0	0	1	2
Winter wheat				
harvested	99	91	90	79
Alfalfa				
2 nd cutting	81	72	74	73
3 rd cutting	15	7	8	7
Other hay				
cut	90	87	87	84

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

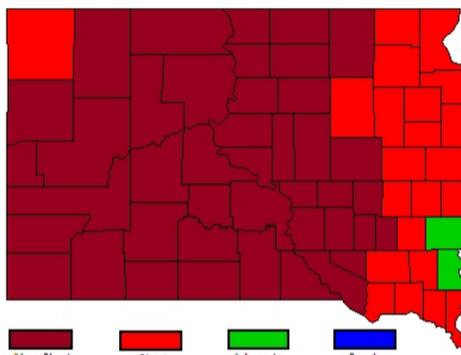
TOPSOIL MOISTURE

As of Sunday, July 30, 2006



SUBSOIL MOISTURE

As of Sunday, July 30, 2006



TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS

WEEK ENDING SUNDAY, July 30, 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	82	10	109	61	0.36	5.65	3.44	-6.39	-6.64	1860	493
	Buffalo	81	9	109	55	0.01	5.96	5.40	-3.75	-3.13	1685	387
	Dupree	84	9	110	58	0.05	5.91	4.10	-5.93	-6.05	1982	468
	McIntosh	83	10	112	61	0.06	4.63	3.57	-6.61	-6.20	1951	531
	Newell	81	8	107	59	0.14	8.95	7.51	-1.56	-1.50	1753	389
	Timber Lake	83	10	109	61	0.01	4.49	3.26	-7.62	-6.89	1895	434
NC	Aberdeen	80	7	103	61	0.10	9.59	8.55	-2.77	-1.63	1713	228
	Eureka	83	11	109	61	0.26	6.42	5.79	-4.86	-3.91	1917	546
	Faulkton	82	9	107	62	0.00	5.48	4.09	-6.85	-6.14	1864	412
	Mobridge	83	9	111	61	0.36	3.18	2.65	-8.44	-7.07	2054	554
	Roscoe	80	8	103	61	0.50	7.26	6.52	-5.66	-4.48	1662	217
NE	Britton	82	9	103	64	0.32	9.63	7.92	-2.70	-2.70	1894	382
	Clear Lake	79	7	97	63	0.00	11.20	9.07	-4.05	-3.27	1581	106
	Sisseton	79	6	97	61	0.00	9.66	8.09	-3.68	-2.82	1718	161
	Webster	81	8	103	66	0.00	11.71	10.24	-1.70	-0.88	1678	217
	Watertown	80	7	100	61	0.03	7.95	6.73	-6.28	-4.97	1674	207
WC	Faith	83	9	110	61	0.00	4.71	3.26	-7.29	-6.93	1946	443
	Milesville	85	10	111	62	0.70	6.83	5.18	-5.53	-5.26	2064	452
	Long Valley	85	10	107	60	0.08	7.31	5.52	-5.43	-5.35	2063	475
	Philip	85	9	111	60	0.00	6.16	4.10	-5.23	-5.65	2070	414
	Rapid City	84	11	109	62	0.20	7.15	5.61	-4.40	-4.00	1929	590
	Spearfish	84	12	109	61	0.00	10.74	8.61	-4.58	-3.92	1857	576
C	Chamberlain	87	10	109	64	0.00	6.83	4.31	-5.26	-6.01	2044	274
	Highmore	86	12	110	63	0.06	8.11	6.79	-5.10	-4.35	2078	491
	Huron	84	9	103	65	0.25	6.35	5.52	-7.31	-5.39	1884	295
	Onida	86	10	111	59	0.10	6.11	4.19	-6.45	-6.04	2000	361
	Pierre	86	10	111	61	0.03	4.91	3.45	-8.16	-7.58	2140	464
EC	Brookings	78	8	98	61	0.16	9.27	7.25	-5.28	-5.32	1568	227
	Madison	79	8	100	61	0.57	8.87	7.07	-6.17	-4.86	1697	232
	Mitchell	82	7	103	63	0.31	11.20	8.75	-3.15	-2.97	1795	64
	Sioux Falls	81	7	98	62	0.57	15.14	11.62	0.80	0.07	1856	238
SW	Custer	75	9	97	53	0.09	12.08	9.47	-1.17	-1.9	1136	270
	Hot Springs	81	8	104	60	0.04	8.86	5.31	-2.44	-4.50	1854	350
	Oelrichs	83	7	107	58	0.18	11.86	9.23	-0.05	-0.76	1848	288
	Porcupine	83	9	106	56	0.27	11.22	8.13	-0.28	-1.89	1842	318
SC	Murdo	86	11	109	65	0.05	7.16	4.20	-5.67	-6.37	2107	526
	Winner	86	9	106	63	0.00	8.67	5.79	-7.6	-7.65	2231	364
SE	Armour	85	9	106	62	0.09	8.92	6.99	-6.40	-5.45	2114	319
	Centerville	80	8	99	62	0.39	11.51	9.11	-4.48	-4.10	1871	215
	Marion	80	7	100	63	0.36	12.63	9.59	-2.61	-2.66	1777	162
	Pickstown	83	7	108	64	0.39	12.44	9.29	-2.01	-2.67	1977	239
	Vermillion	83	7	101	62	0.33	12.17	9.07	-3.55	-4.02	2197	296
	Yankton	82	7	102	59	0.18	15.49	10.79	0.23	-1.96	1966	238

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