

South Dakota Weekly Crop Weather Report

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National Agricultural Statistics Service
South Dakota Field Office
P.O. Box 5068
Sioux Falls, SD 57117-5068
Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Progress was made last week with 4.5 days suitable for fieldwork in the past seven days, many crops are inching closer to the previous years and 5-year averages. Farmers are spraying for weed control as the emergence of crops increases. Farm activities included planting, applying herbicides, moving cattle to pasture, and helping with flood control efforts along the Missouri River.

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

WEATHER INFORMATION

Warm temperatures overspread most of the state in the latter part of the week bringing more summer-like conditions, according to the State Climate Office of South Dakota. A few storms crossed the state bringing moderate rainfall and some tree and farm damage on May 30, in the eastern part of the state and on June 3, west of Pierre.

Nearly all locations received precipitation, though, not heavy in most places. Nine locations reported over 1 inch of precipitation with Pickstown the highest at 1.72 inches. The driest areas were generally in the middle third of the state. Kennebec and Academy tied for the least with no precipitation reported.

Average temperatures were mostly in the 60's F for the week. Much of the eastern third of the state had temperatures from 1-4° F above average while areas to the west ranged from 0-8° F below average. Newell had the high temperature of the week at 92° F. Custer and Newell shared the lowest temperature at 34° F. Growing degree days continued to lag below normal from a few days in the southeast to more than 10 days in northern areas.

SOIL CONDITION

Soil temperatures, at the 4 inch depth, jumped due to the warmer temperatures statewide. Oacoma had the warmest soil temperature at 67° F; Caputa (near Rapid City) was the lowest at 58° F.

FIELD CROPS REPORT

Gains were made in planting progress last week with warmer more seasonable weather. Corn planted reached 93 percent, compared to 95 percent last year and 97 percent on average. Soybeans made considerable progress with 57 percent now planted, still behind last year's progress of 78 and 81 percent on average. Warmer temperatures are pushing small gain development and row crop emergence. Winter wheat is 4 percent headed, considerably behind the previous year of 43 percent. Sunflower planting is making good progress now 35 percent complete, slightly behind last year's 41 percent, but equal to the average at 35 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

With warmer temperatures and more grass growth, pastures are looking better. Ninety percent of cattle are moved to pasture, just short of last year's 92 percent. Feed Supplies holds steady with 93 percent rated adequate to surplus and stock water remains at 100 percent rated adequate to surplus.

Feed and Water Supplies Comparison as of June 5, 2011

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	1	1	3	0	0	5
Short	6	6	11	0	2	10
Adequate	87	81	79	69	69	68
Surplus	6	12	7	31	29	16

Soil Moisture Condition Comparison as of June 5, 2011

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	0	0	0	0	0	0
Short	2	0	3	3	2	2
Adequate	65	57	74	60	58	71
Surplus	33	43	23	37	40	27

Crop and Livestock Conditions as of June 5, 2011

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	3	20	62	15
Spring Wheat	0	1	25	61	13
Barley	0	0	8	81	11
Oats	0	1	12	76	11
Corn	1	3	23	62	11
Alfalfa	0	4	15	66	15
Cattle	0	1	13	71	15
Sheep	0	0	13	73	14
Range & Pasture	1	3	19	59	18

Crop Progress as of June 5, 2011 ¹

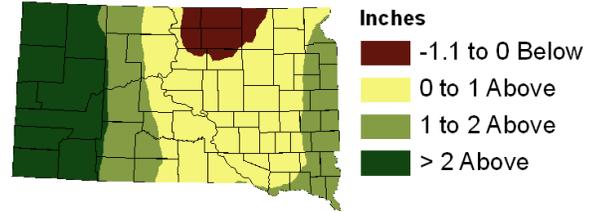
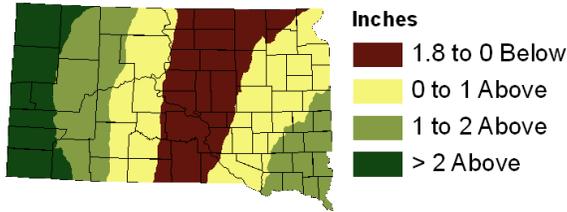
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	68	47	88	85
Headed	4	0	43	45
Barley				
Seeded	98	93	98	100
Emerged	86	35	86	94
Boot	0	0	6	16
Headed	0	0	2	2
Oats				
Emerged	93	72	90	96
Boot	9	0	19	27
Headed	1	0	3	3
Spring Wheat				
Emerged	93	73	99	100
Boot	3	1	27	28
Headed	0	0	3	4
Corn				
Planted	93	86	95	97
Emerged	73	46	75	80
Soybeans				
Planted	57	34	78	81
Emerged	20	8	38	44
Sorghum				
Planted	48	18	59	64
Emerged	7	3	16	27
Sunflower				
Planted	35	14	41	35
Alfalfa				
1 st Cutting	7	N/A	28	21
Other Hay				
Cut	3	N/A	8	5

¹ Percents represent all acreage in or beyond each stage.

ADDRESS SERVICE REQUESTED

GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to June 5, 2011

PAST 30 DAYS
Accumulated Precip Deviation from Average
From May 7 to June 5, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 5, 2011

District And Station	Temperatures Past Week				Precipitation					Growing Degree Days	
	Average	Departure From Normal	High	Low	Total			Departure From Normal		Total	Departure From Normal
					Current Week	Since Oct. 1	Since Apr. 1	Since Oct. 1	Since Apr. 1		
<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>			
Northwest											
Bison	59	-4	89	38	0.59	10.32	5.91	0.36	0.61	375	-136
Buffalo	55	-4	88	38	0.70	10.25	6.59	1.64	1.67	287	-184
Dupree	61	-2	85	36	1.25	14.74	8.70	4.79	3.21	362	-208
McIntosh	55	-8	77	36	0.29	9.10	5.20	0.42	0.30	343	-196
Newell	55	-7	92	34	0.78	11.84	7.18	2.37	2.01	336	-159
Timber Lake	64	1	87	47	0.13	12.05	5.95	1.69	0.55	386	-150
North Central											
Aberdeen	62	-1	83	43	0.06	12.23	5.95	2.16	0.94	420	-133
Faulkton	60	-3	82	38	0.10	9.23	4.25	-0.17	-1.04	354	-223
Mobridge	58	-5	83	37	0.38	10.07	4.86	0.24	0.18	391	-135
Roscoe	60	-2	81	42	0.06	12.05	4.99	1.43	-0.68	339	-125
Northeast											
Britton	63	0	85	43	0.95	12.87	5.06	2.73	-0.03	393	-194
Clear Lake	62	0	85	46	0.98	15.29	7.00	2.19	0.96	340	-198
Sisseton	66	3	87	50	0.63	14.57	5.41	2.91	0.06	396	-173
Watertown	63	1	85	44	1.22	14.06	5.27	3.39	0.22	363	-157
Webster	65	3	84	46	1.30	15.74	4.89	5.09	-0.32	363	-163
West Central											
Faith	58	-5	87	40	0.43	11.98	6.68	1.48	1.34	339	-212
Milesville	62	-2	88	40	0.17	10.77	6.19	-0.11	0.26	432	-150
Philip	57	-7	89	37	1.13	11.01	6.59	1.51	1.25	360	-220
Rapid City	57	-3	91	39	1.15	11.39	7.42	1.88	2.20	333	-174
Spearfish	61	-1	88	42	0.58	13.00	7.00	-0.15	0.31	367	-92
Central											
Chamberlain	64	1	84	45	0.23	10.24	6.20	-2.16	-0.31	469	-145
Highmore	60	-2	82	40	0.12	7.98	4.66	-3.34	-1.40	364	-232
Huron	65	2	85	46	0.80	12.68	5.93	1.29	0.20	470	-102
Onida	60	-3	83	38	0.11	10.59	4.61	-0.45	-0.67	396	-210
Pierre	61	-4	86	38	0.20	12.14	5.50	1.39	-0.13	423	-176
East Central											
Brookings	65	2	86	45	1.03	13.61	7.42	2.90	1.78	382	-100
Forestburg	67	1	86	47	0.45	13.33	7.29	0.66	0.72	474	-152
Madison	66	3	86	44	0.81	12.52	7.32	-0.60	0.79	407	-133
Mitchell	69	4	87	47	0.49	14.29	8.68	1.66	2.14	494	-105
Sioux Falls	66	3	86	45	0.97	14.31	8.53	1.08	2.01	486	-101
Southwest											
Custer	51	-4	79	34	1.01	13.04	7.25	2.41	1.45	156	-189
Hot Springs	62	0	89	37	0.21	11.27	7.17	1.82	1.59	463	-133
Oelrichs	58	-4	88	35	0.35	8.90	6.18	-0.82	0.72	422	-166
Porcupine	59	-3	89	36	0.33	14.36	7.70	4.87	2.49	404	-187
South Central											
Kennebec	65	-1	87	38	0.00	9.87	5.70	-0.13	0.12	506	-167
Mission	61	-2	88	42	0.05	12.12	7.11	1.15	0.84	397	-125
Murdo	61	-2	89	44	0.14	11.61	6.10	0.29	0.33	397	-190
Winner	65	-1	88	44	0.06	8.95	5.21	-2.25	-1.79	467	-216
Southeast											
Academy	65	2	86	43	0.00	9.37	6.38	3.55	-0.68	441	-178
Centerville	67	2	89	47	1.26	12.72	7.96	0.65	1.31	461	-140
Pickstown	68	2	91	45	1.72	12.36	6.61	-0.56	-0.46	562	-68
Vermillion	73	5	90	48	0.62	12.74	8.05	-1.00	0.93	647	-98
Yankton	69	4	91	50	0.72	15.86	9.10	2.26	2.02	558	-75

DATA AND MAP SOURCE: State Climate Office of South Dakota