

South Dakota Weekly Crop Weather Report

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AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

With 5 days suitable for fieldwork last week, planting progress for corn and soybeans increased significantly. Fieldwork came to a halt due to weekend heavy rains and storms in parts of South Dakota. Farm activities focused on continuing corn, soybean, sorghum and sunflower planting, as well as moving cattle to pasture, and harvesting hay.

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

WEATHER INFORMATION

Severe weather over the weekend brought hail and tornadoes to eastern parts of the state, according to the State Climate Office of South Dakota. Several tornadoes caused damage along with large hail in several different storms. Precipitation was fairly widespread except for the southeast. Here several stations reported no precipitation for the week (Centerville, Pickstown, Vermillion and Yankton). Many stations in contrast received over one inch during the week. Dupree reported the largest total at 2.89 inches.

Temperatures returned to warmer than average again. All but two stations were above average with many stations reporting high temperatures into the 90s for the first time. Winner and Kennebec recorded the high temperature of 94° F. Porcupine recorded the lowest at 31° F.

SOIL CONDITION

Soil temperatures have rebounded well with all 4-inch depth temperatures around 60F. Cottonwood was the warmest at 65° F. Caputa and Nisland were the coolest at 57° F.

FIELD CROPS REPORT

Seventy-seven percent of the corn is planted, behind last year's estimate of 79 percent as well as the five-year average of 84 percent. Substantial progress was made for planting of soybeans, now at 34 percent planted, up 25 percentage points from last week, but behind the five-year average of 42 percent. Ninety-six percent of the spring wheat has been planted, behind the of the five-year average of 99 percent. Eighty-four percent of the spring wheat is emerged. Ninety percent of the oats has been planted, behind the five-year average of 98 percent. Seventy-six percent of oats are emerged, behind last year's estimate of 77 percent as well as the five-year average of 87 percent. Winter wheat in the boot stage is reported at 48 percent, up 20 percentage points from last year.

LIVESTOCK, PASTURE, AND RANGE REPORT

Calving is estimated at 95 percent complete. Cattle are rated 88 percent in the good to excellent condition and 71 percent moved to pasture. Sheep are rated 95 percent in the good to excellent condition. Feed supplies are rated at 94 percent adequate to surplus, up 9 percentage points from last year. Stock water supplies are rated at 98 percent in the adequate to surplus categories, up 3 percentage points from last year. Eighty-four percent of range and pasture are rated good to excellent condition, up 2 percentage points from last week and up 24 percentage points from the five-year average.

Feed and Water Supplies Comparison as of May 23, 2010

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	0	7	4	0	1	9
Short	6	8	11	2	5	14
Adequate	83	80	80	69	83	69
Surplus	11	5	5	29	11	8

Soil Moisture Condition Comparison as of May 23, 2010

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	1	0	0	1
Short	1	1	24	1	2	11
Adequate	67	68	69	67	65	79
Surplus	32	31	6	32	33	9

Crop and Livestock Conditions as of May 23, 2010

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	2	14	58	26
Spring Wheat	1	2	22	60	15
Barley	1	2	15	76	6
Oats	0	1	14	69	16
Corn	0	8	27	59	6
Alfalfa	0	1	25	61	13
Cattle	0	0	12	71	17
Sheep	0	0	5	67	28
Range & Pasture	0	2	14	65	19

Crop Progress as of May 23, 2010 ¹

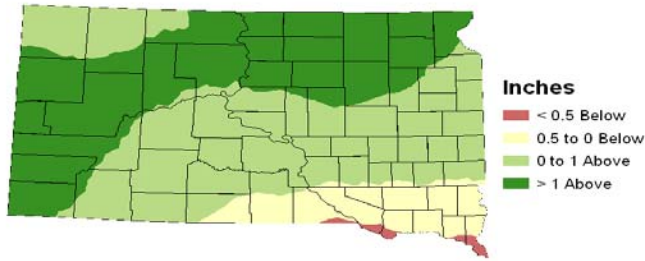
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	48	27	28	55
Headed	1	0	1	6
Barley				
Seeded	86	76	95	96
Emerged	61	51	80	78
Boot	0	0	2	1
Oats				
Seeded	90	88	95	98
Emerged	76	67	77	87
Boot	2	0	1	3
Spring Wheat				
Seeded	96	92	98	99
Emerged	84	70	83	92
Boot	0	0	3	3
Corn				
Planted	77	56	79	84
Emerged	35	17	35	37
Soybeans				
Planted	34	9	43	42
Emerged	3	0	9	7
Sorghum				
Planted	6	1	33	28
Emerged	0	0	7	5
Sunflower				
Planted	9	2	14	12
Alfalfa				
1st Cutting	7	2	0	2
Other Hay				
Cut	1	0	0	0

¹ Percents represent all acreage in or beyond each stage.

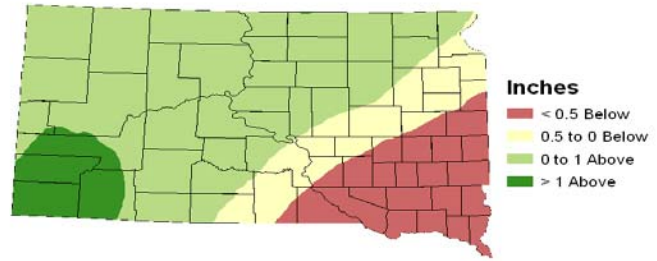
Average Soil Temperatures Week Ending May 23, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	59	Nisland	57
Beresford	63	Oacoma	64
Bowdle	58	Parkston	64
Brookings	64	Pierre	64
Caputa	57	Redfield	61
Cottonwood	65	South Shore	NA

PAST 30 DAYS
Accumulated Precip Deviation from Average
From April 24 to May 23, 2010



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to May 23, 2010



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 23, 2010

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		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches		
Northwest											
Bison	59	1	76	41	0.40	8.54	3.32	0.41	-0.14	295	-18
Buffalo	59	3	76	42	0.38	5.19	1.55	-2.08	-1.19	270	270
Dupree	60	2	79	41	2.89	9.69	5.02	2.50	2.44	307	-15
McIntosh	59	0	78	43	0.82	8.89	2.73	2.67	0.30	296	-37
Newell	58	1	74	41	0.97	6.92	2.92	0.34	0.48	275	-42
Timber Lake	61	3	79	45	1.76	9.21	3.54	1.45	0.74	317	33
North Central											
Aberdeen	63	4	81	45	1.23	12.85	4.38	5.21	1.80	356	46
Faulkton	62	3	85	42	0.89	11.03	2.56	3.52	-0.27	326	6
Mobridge	61	2	81	44	1.35	9.92	3.60	2.08	0.23	340	38
Roscoe	63	5	84	49	0.63	12.98	3.47	5.11	0.55	314	18
Northeast											
Britton	65	6	80	48	0.88	11.68	1.79	4.19	-0.74	350	15
Clear Lake	63	5	82	46	0.70	17.12	1.71	6.99	-1.34	342	90
Sisseton	64	4	80	45	0.58	17.15	2.94	8.07	0.07	357	56
Watertown	63	6	82	46	0.99	13.45	2.87	5.19	0.18	327	75
Webster	65	6	78	49	0.60	12.71	2.59	4.79	0.01	315	56
West Central											
Faith	59	0	75	45	1.78	7.82	3.41	0.56	0.79	302	-28
Milesville	62	2	80	43	1.03	11.63	2.86	3.73	-0.09	337	-14
Philip	60	1	82	37	0.82	9.30	3.49	2.60	0.81	336	-28
Rapid City	57	1	78	38	1.13	7.63	4.17	0.72	1.48	255	-25
Spearfish	61	5	79	45	1.07	11.67	4.15	1.92	0.76	300	12
Central											
Chamberlain	62	3	91	46	0.44	11.90	3.41	2.64	0.08	335	-7
Highmore	62	3	88	46	1.49	10.72	3.80	1.99	0.50	302	-28
Huron	64	4	89	46	1.43	12.93	3.83	4.18	0.68	385	52
Onida	60	1	89	43	1.40	11.54	3.74	4.49	1.07	333	1
Pierre	61	1	89	42	0.51	11.76	2.07	3.77	0.15	344	-22
East Central											
Brookings	63	4	85	42	0.72	12.01	2.26	4.06	-0.62	339	65
Forestburg	66	5	92	44	0.11	12.69	2.55	3.08	-1.05	447	48
Madison	63	5	87	45	0.11	13.21	2.71	2.37	-1.33	351	75
Mitchell	64	3	91	45	0.14	12.48	2.42	2.60	-1.20	395	55
Sioux Falls	62	3	89	40	0.01	13.94	2.68	3.70	-0.94	392	46
Southwest											
Custer	49	-3	66	36	1.14	7.14	4.10	0.68	1.15	105	-182
Hot Springs	58	1	74	38	1.41	11.68	5.89	4.99	3.07	298	-86
Oelrichs	57	0	76	38	1.31	11.73	5.90	4.37	2.73	286	-75
Porcupine	57	-1	79	31	0.64	14.55	4.79	7.59	2.11	290	-53
South Central											
Kennebec	64	2	94	40	0.04	11.39	2.04	3.04	-0.25	406	-27
Mission	59	1	92	35	0.01	11.00	3.76	2.58	0.42	288	-14
Murdo	63	4	91	45	0.10	11.55	2.99	2.94	-0.07	317	-11
Winner	62	0	94	42	0.72	10.86	3.91	0.68	0.28	360	-66
Southeast											
Academy	61	2	91	42	0.25	10.06	2.88	1.07	-0.93	345	27
Centerville	64	3	91	40	0.00	11.23	1.86	1.43	-1.62	381	29
Pickstown	64	3	91	46	0.00	10.37	1.93	0.67	-1.90	360	-7
Vermillion	67	4	90	42	0.00	12.09	2.11	1.65	-1.66	490	21
Yankton	63	2	90	40	0.00	16.36	3.88	6.33	0.25	450	67

DATA AND MAP SOURCE: State Climate Office of South Dakota