

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

With 4.6 days suitable for fieldwork last week, producers made excellent progress with small grain seeding. Corn planting is off to a good start. However, there are still areas of the state dealing with flooded or damaged roads causing problems accessing fields and transporting feed supplies. Major farm activities included spreading fertilizer, planting corn, tillage and moving cattle to pasture.

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

WEATHER INFORMATION

After an extended very dry period across the state, all of the state received precipitation over several days during the latter part of the week, according to the State Climate Office of South Dakota. Most of the last 30-40 days were quite dry. Totals from the week overcame much of that dryness and started to cause some renewed wetness issues in low lying areas according to county extension reports.

The heaviest precipitation fell across the southern part of the state, where many stations reported over 2 inch totals. Hot Springs reported the highest of the totals here at 2.58 inches. Buffalo recorded the least at 0.16 inches. Most of the state is still much wetter than average since October 1 with accumulations greater than 7 inches above average in areas of the northeast and in Porcupine and Yankton. Despite the recent rainfall accumulations, areas of the northern and eastern parts of the state are below average since April 1.

Even including the cooler end of the week, South Dakota experienced another very warm week with temperatures up to 8° F above average across the whole state. Only Porcupine recorded below average temperatures. Onida had the highest temperature at 78° F; Porcupine had the lowest temperature at 19° F. Growing degree days are responding accordingly being well above average for this time of year at all locations across the state.

SOIL CONDITION

Soil temperatures at 4 inches were relatively unchanged for the week remaining in the 50s across most of the south and east while northern and western areas were below 50° F. Parkston had the warmest soil temperature at 54° F; Aberdeen and Caputa the lowest at 46° F.

FIELD CROPS REPORT

Spring wheat, oats, and barley all made excellent progress in percent seeded over the last week. Sixty-five percent of the spring wheat has been planted, ahead of last year's estimate of 32 percent and also ahead of the five-year average of 55 percent. Sixty percent of the oats has been planted, up from 48 percent for the five-year average. Percent of winter wheat that is in boot stage or beyond is estimated at 2 percent, ahead of last year's progress of 0 percent and equaling the five-year average of 2 percent. Winter wheat conditions rated in the good to excellent categories were estimated at 79 percent. Thirteen percent of the corn was planted, ahead of last year's estimate of 3 percent and also ahead of the five-year average of 5 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock producers enjoyed favorable weather as calving and lambing progressed this week. Cattle are rated at 85 percent in good to excellent condition. Calf death losses were rated at 10 percent below normal, 86 percent normal, and 4 percent above normal. Calving is estimated to be 76 percent complete and 20 percent of cattle have been moved to pasture. Sheep are rated 83 percent in good to excellent condition, with sheep and lamb deaths rated 4 percent below average, 93 percent average, and 3 percent above average. Lambing is estimated to be 82 percent complete. Feed supplies are rated at 90

percent adequate to surplus, up 9 percentage points from last year. Stock water supplies are also in good shape with 98 percent in the adequate to surplus categories, up 2 percentage points from last year. Range and pasture conditions are rated at 75 percent good to excellent, up 19 percentage points from last year, and 27 percentage points higher than the five-year average.

Feed and Water Supplies Comparison as of April 25, 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	2	4	6	0	1	10
Short	8	15	13	2	3	15
Adequate	82	74	75	73	77	65
Surplus	8	7	6	25	19	9

Soil Moisture Condition Comparison as of April 25, 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	0	0	1	1
Short	2	5	0	2	1	5
Adequate	69	75	69	71	71	79
Surplus	29	20	31	27	27	15

Crop and Livestock Conditions as of April 25, 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	19	63	16
Cattle	1	1	13	73	12
Sheep	2	2	13	64	19
Range & Pasture	1	4	20	67	8

Crop Progress as of April 25, 2010 ¹

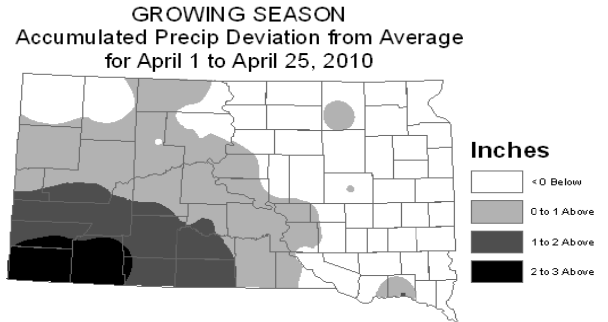
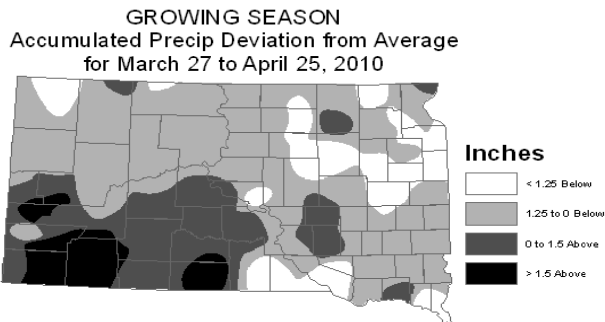
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot		2	0	0
Barley				
Seeded	44	14	13	33
Emerged	4	1	1	7
Oats				
Seeded	60	42	21	48
Emerged	19	4	4	15
Spring Wheat				
Seeded	65	35	32	55
Emerged	18	4	6	19
Corn				
Planted	13	4	3	5
Emerged	0	0	0	0
Soybeans				
Planted	0	0	0	0
Sorghum				
Planted	0	0	0	0

¹ Percents represent all acreage in or beyond each stage.

Average Soil Temperatures Week Ending April 25, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	46	Nisland	47
Beresford	54	Oacoma	51
Bowdle	49	Parkston	54
Brookings	52	Pierre	52
Caputa	46	Redfield	NA
Cottonwood	48	South Shore	NA

ADDRESS SERVICE REQUESTED



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, April 25, 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		
	<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	52	4	66	37	0.17	6.75	1.53	0.38	-0.17	138	62
Buffalo	53	8	70	36	0.16	4.58	0.94	-1.43	-0.54	115	115
Dupree	53	6	69	34	0.44	6.31	1.64	0.40	0.34	152	73
McIntosh	53	5	70	37	0.50	7.80	1.64	2.67	0.30	122	57
Newell	51	5	69	35	0.50	5.70	1.70	0.24	0.38	125	47
Timber Lake	53	5	71	34	0.23	7.15	1.48	0.65	-0.06	160	88
North Central											
Aberdeen	54	6	73	34	1.81	10.35	1.88	3.83	0.42	179	97
Faulkton	52	4	72	34	0.75	9.58	0.99	3.23	-0.56	175	100
Mobridge	55	7	72	36	0.28	7.55	1.23	1.80	-0.07	180	114
Roscoe	54	8	71	38	0.35	10.16	0.65	3.58	-0.98	166	118
Northeast											
Britton	55	7	71	38	0.33	10.46	0.57	4.15	-0.78	190	115
Clear Lake	53	6	71	35	0.70	16.15	0.74	7.25	-1.08	163	123
Sisseton	52	4	71	34	0.85	15.37	1.16	7.51	-0.49	173	114
Watertown	52	7	70	34	0.66	11.26	0.68	4.09	-0.92	160	119
Webster	55	8	70	41	1.11	11.23	1.11	4.42	-0.36	149	107
West Central											
Faith	52	5	69	34	0.24	5.92	1.51	-0.07	0.16	150	64
Milesville	52	3	72	32	0.78	10.50	1.73	4.05	0.23	160	60
Philip	52	4	74	36	1.79	8.41	2.66	3.00	1.21	160	55
Rapid City	50	3	67	35	1.85	6.47	3.71	0.80	1.56	114	41
Spearfish	53	6	68	34	1.50	10.17	2.65	1.84	0.78	118	47
Central											
Chamberlain	55	7	71	38	1.94	11.20	2.71	3.46	0.90	200	111
Highmore	54	6	72	38	1.11	8.41	1.49	0.98	-0.51	157	72
Huron	55	6	74	35	1.81	10.98	1.88	3.52	0.02	194	110
Onida	57	9	78	40	0.85	9.47	1.64	3.60	0.18	167	84
Pierre	55	5	71	37	1.22	10.98	1.29	4.30	0.68	174	72
East Central											
Brookings	53	6	72	35	0.82	10.67	0.92	3.96	-0.72	172	122
Forestburg	56	5	76	34	1.51	11.77	1.63	3.63	-0.50	234	117
Madison	54	5	74	40	1.32	11.93	1.43	3.03	-0.67	185	131
Mitchell	58	8	73	36	1.45	11.68	1.58	3.23	-0.57	197	110
Sioux Falls	53	5	73	32	0.93	13.29	2.01	4.52	-0.12	194	104
Southwest											
Custer	46	4	60	29	1.50	5.99	2.95	0.91	1.38	45	12
Hot Springs	51	3	69	29	2.58	10.27	4.48	4.86	2.94	131	6
Oelrichs	50	2	72	29	2.12	10.24	4.10	4.21	2.57	135	26
Porcupine	46	-1	75	19	2.25	13.72	3.96	7.94	2.46	138	38
South Central											
Kennebec	55	4	71	35	1.20	11.07	2.37	4.00	0.71	203	68
Mission	51	3	71	33	2.44	10.97	3.73	4.05	1.89	147	78
Murdo	54	5	74	36	1.55	11.38	2.82	4.04	1.03	162	73
Winner	54	2	71	39	1.80	9.72	2.77	1.29	0.79	165	32
Southeast											
Academy	53	5	72	38	1.68	9.20	2.02	1.88	-0.12	181	99
Centerville	56	6	75	32	0.45	10.23	0.86	1.95	-1.10	216	124
Pickstown	53	3	72	41	0.80	9.66	1.22	1.55	-1.02	171	68
Vermillion	58	5	74	38	0.54	11.10	1.12	2.25	-1.06	250	97
Yankton	57	6	75	37	1.94	15.52	3.04	7.12	1.04	230	122