

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

A mixture of cool temperatures and scattered showers was the theme for most of South Dakota last week. This left many areas with only 2.9 days suitable for fieldwork for the week ending June 13. Again this week, in some areas fieldwork came to a complete standstill, while others continued to finish planting. Crops and pastures are ready for sunshine to help aid in crop development. Farm activities focused on finishing 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

Very heavy rain impacted large areas of the southeast as several storms dumped totals in excess of 7" of rain in locations from Gregory to Huron and widespread 3-4"+ rainfall throughout the southeast. Hail and strong winds caused damage in storms on the 12th. The largest precipitation total reported from this subset of stations was Mitchell at 6.52"; Mobridge had the lowest at 0.11".

Temperatures were generally below average with the cloudy rainy conditions except for a few stations in the south central to southeast. Average temperatures were in the 60s F ranging from a few degrees above average to 5° F below average. Yankton reported the high for the week at 87 F; Buffalo, Newell, Faith, Onida and Custer reported the low at 43° F. Much of the east and southeast continue to accumulate GDDs being well above average. Slightly below average accumulation continues in the northwest.

SOIL CONDITION

Soil temperatures at 4" continue in the 60s F statewide. Oacoma and Parkston were the warmest at 70° F. Nisland, and Caputa were the coolest at 61° F.

FIELD CROPS REPORT

South Dakota continues to wait on sunshine and warm weather conditions for further crop development. Average corn height is 9 inches which is 3 inches above last year and 1 inch over the five-year average. Progress was made in planting of soybeans this past week, now at 91 percent planted, up 11 percentage points from last week. This is only 1 point behind previous year and 1 point above the five-year average. Spring wheat now 64 percent booted, is up 12 points from the previous year and 5 points above the 5 year average. Winter wheat is continuing to develop and is now 80 percent headed, 8 points ahead of the five year average of 72 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Pasture conditions are mostly good to excellent around the state, with some pastures continuing to be too wet. Cattle are rated 92 percent in the good to excellent condition. Sheep are rated 94 percent in the good to excellent condition down 9 percent from last week. Feed supplies are rated at 98 percent adequate to surplus, up 13 points from last year. Ninety-one percent of range and pasture are rated in good to excellent condition, up 21 percentage points from last year and 23 percentage points above the five-year average.

Feed and Water Supplies Comparison as of June 13, 2010

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	0	6	4	0	1	7
Short	2	9	12	1	3	12
Adequate	84	80	77	55	88	69
Surplus	14	5	6	44	8	12

Average Soil Temperatures Week Ending June 13, 2010 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	63	Nisland	61
Beresford	67	Oacoma	70
Bowdle	62	Parkston	70
Brookings	65	Pierre	67
Caputa	61	Redfield	64
Cottonwood	66	South Shore	NA

Soil Moisture Condition Comparison as of June 13, 2010

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	1	0	3	0	0	4
Short	2	3	25	3	2	22
Adequate	48	74	67	53	70	71
Surplus	49	23	5	44	28	3

Crop and Livestock Conditions as of June 13, 2010

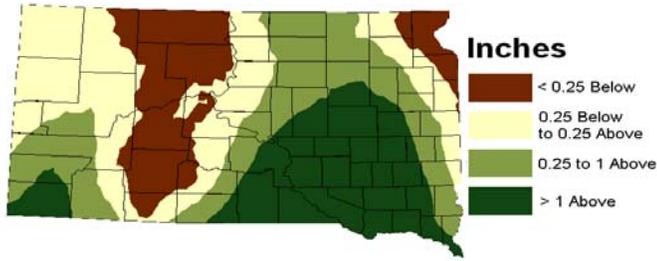
Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Winter Wheat	0	1	10	61	28
Spring Wheat	0	2	21	59	18
Barley	0	1	32	60	7
Oats	0	1	14	69	16
Corn	0	3	16	67	14
Soybeans	3	5	19	61	12
Sorghum	0	0	4	82	14
Sunflower	0	1	25	63	11
Alfalfa	0	3	14	69	14
Cattle	0	1	7	73	19
Sheep	0	1	5	64	30
Range & Pasture	0	1	8	64	27

Crop Progress as of June 13, 2010¹

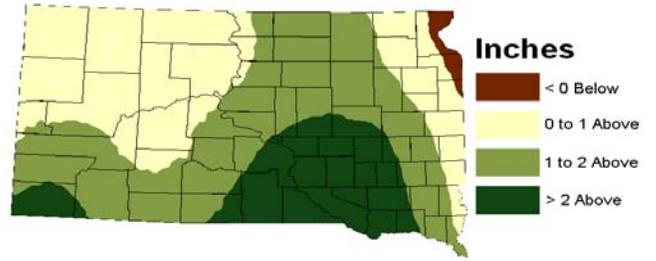
Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Winter Wheat				
Boot	96	90	91	95
Headed	80	47	58	72
Turning Color	0	0	0	6
Barley				
Emerged	98	89	99	99
Boot	25	7	51	47
Headed	13	2	16	12
Oats				
Emerged	99	91	100	100
Boot	42	21	52	58
Headed	13	4	12	16
Spring Wheat				
Boot	64	30	52	59
Headed	18	3	10	16
Corn				
Emerged	96	76	92	94
Ave. Height (in.)	9	5	6	8
1st cult./spray	62	45	50	56
2nd cult./spray	6	1	3	6
Soybeans				
Planted	91	80	92	90
Emerged	65	41	69	69
Sorghum				
Planted	77	65	83	73
Emerged	38	18	51	43
Sunflower				
Planted	51	42	62	55
Alfalfa				
1st Cutting	33	28	30	34
Other Hay				
Cut	15	9	10	12

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From May 15 to June 13, 2010



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to June 13, 2010



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 13, 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	-5	72	44	0.24	11.18	5.96	0.95	0.40	574	-7
Buffalo	58	-4	75	43	0.33	7.28	3.64	-2.27	-1.38	530	15
Dupree	64	-1	81	45	0.45	10.93	6.26	1.33	1.27	580	-17
McIntosh	61	-3	77	46	0.13	9.62	3.46	1.34	-1.03	527	-82
Newell	59	-4	74	43	1.06	9.69	5.69	1.14	1.28	500	-77
Timber Lake	62	-3	79	47	0.47	10.40	4.73	0.41	-0.30	619	65
North Central											
Aberdeen	66	0	79	50	1.54	15.84	7.37	5.91	2.50	688	94
Faulkton	65	0	81	52	1.17	14.40	5.93	4.79	1.00	654	50
Mobridge	64	-1	80	50	0.11	10.61	4.29	1.75	-1.10	660	76
Roscoe	64	0	80	53	0.92	15.64	6.13	5.40	0.84	639	87
Northeast											
Britton	65	0	79	49	1.07	13.61	3.72	4.07	-0.86	677	62
Clear Lake	63	-2	80	50	2.80	20.83	5.42	7.92	-0.41	682	165
Sisseton	65	-1	78	51	1.19	18.85	4.64	7.54	-0.46	692	105
Watertown	63	-1	79	49	1.98	16.35	5.77	5.52	0.51	643	139
Webster	64	-1	79	55	1.75	14.91	4.79	4.77	-0.01	652	126
West Central											
Faith	63	-3	81	43	0.38	9.86	5.45	0.51	0.74	560	-55
Milesville	63	-4	82	46	0.62	13.55	4.78	3.28	-0.54	650	7
Philip	63	-3	86	45	0.82	10.33	4.52	1.44	-0.35	652	-5
Rapid City	60	-3	76	48	1.02	10.81	7.35	1.80	2.56	501	-21
Spearfish	60	-3	76	49	1.30	13.56	6.04	1.02	-0.14	569	36
Central											
Chamberlain	66	0	81	54	4.59	19.68	11.19	7.91	5.35	660	27
Highmore	63	-2	81	49	1.39	13.73	6.81	2.90	1.41	607	-3
Huron	67	1	81	52	3.40	17.41	8.31	6.41	2.91	746	118
Onida	61	-3	81	43	1.74	14.31	6.51	5.12	1.70	635	22
Pierre	64	-3	83	50	1.78	15.14	5.45	4.72	1.10	665	-8
East Central											
Brookings	64	-1	79	49	3.88	17.85	8.10	7.17	2.49	684	137
Forestburg	68	0	82	54	6.38	19.85	9.71	7.93	3.80	843	123
Madison	64	-1	77	52	3.55	18.02	7.52	4.58	0.88	692	148
Mitchell	68	0	82	56	6.52	20.61	10.55	8.25	4.45	823	167
Sioux Falls	66	0	81	55	3.14	18.12	6.86	5.38	0.74	749	110
Southwest											
Custer	56	-2	72	43	0.58	9.31	6.27	0.47	0.94	295	-92
Hot Springs	61	-3	79	48	1.33	15.40	9.61	6.63	4.71	588	-75
Oelrichs	63	-2	84	49	1.62	14.89	9.06	5.39	3.75	594	-48
Porcupine	62	-2	83	47	1.25	16.07	6.31	7.01	1.53	589	-28
South Central											
Kennebec	67	-2	83	47	3.00	16.04	6.69	5.59	2.30	793	24
Mission	64	-2	84	47	1.73	13.56	6.32	2.73	0.57	640	64
Murdo	65	-1	86	51	2.07	14.41	5.85	3.54	0.53	674	59
Winner	66	-3	83	51	1.81	14.82	7.87	2.11	1.71	670	-101
Southeast											
Academy	71	5	84	53	3.99	17.52	10.34	6.06	4.06	657	53
Centerville	68	0	82	51	3.60	16.90	7.53	4.32	1.27	764	85
Pickstown	70	2	84	54	5.62	19.34	10.90	7.10	4.53	765	76
Vermillion	70	0	82	53	3.63	16.84	6.86	3.83	0.52	935	100
Yankton	70	2	87	56	2.73	20.87	8.39	8.02	1.94	840	135

DATA AND MAP SOURCE: State Climate Office of South Dakota