

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Substantial rain falls early in the week and left only 2.2 days suitable for fieldwork in the past seven days. Farmers made minimal gains on the late season planting with the saturated fields. The cool wet weather also hindered the growth of many crops and slowed spraying, causing insects to become a larger issue. Farm activities included; minimal planting on row crops, applying some fertilizer, herbicides, and pesticides; small amounts of haying and mainly repairing equipment.

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

WEATHER INFORMATION

Heavy rains occurred over large parts of the state during the week causing or increasing flooding issues in several areas, according to the State Climate Office of South Dakota. Nearly 75 percent of the stations reported over 2 inches totals and eight stations with over 4 inches. Academy received the most for the week at 6.64 inches. Far western areas received lesser amounts. Custer reported the lowest total at 0.72 inches. Average weekly totals at this time of year range from 0.6 to 0.7 inches in the west to around an inch in the east.

Average temperatures were in the 60°s F, well below average for the whole state. Deviations ranged from 2-6° F below average. High temperatures did not reach 90° F anywhere in the state, a fairly remarkable occurrence in late June. The high for the week was 89° F at Pickstown. The low for the week was 42° F at Custer. Once again GDD accumulations fell further behind reaching more than 10 days behind over large areas of the state except for the southeast, where accumulations are behind by 6-8 days.

FIELD CROPS REPORT

Planting and growth of many crops were minimal this week, due to the extensive rain falls. Added rainfall has brought 46 percent of the state to a surplus of topsoil moisture, significantly ahead of the 5-year average of 15 percent. Soybeans planted made slight gains, now having 95 percent planted. Corn height is slowly progressing, with the average height now 13 inches, but behind the 5-year average of 21 inches.

Small grains made some progress this week but are still behind the seasonal averages. Winter wheat is now 84 percent headed, behind the previous year of 94 percent. Coloring has slowly started with 6 percent complete severely behind the 5-year average of 43 percent. Oats is 73 percent in the boot stage, still behind last year's average of 86 percent. Spring wheat made strides now 82 percent in the boot stage and 27 percent headed, but still lagging behind the averages of 91 and 61 percent respectively. First cutting of alfalfa is slowed by the rains with 60 percent complete, behind the 5-year average of 70 percent. Field crops are in need of a warm, dry weather to catch up with the seasonal averages.

LIVESTOCK, PASTURE, AND RANGE REPORT

Pasture conditions continue to remain in the good to excellent range, though some producers are finding standing water beginning to be an issue with increased stress from mosquito and flies. Rains have also caused flooding in some areas causing fences to need repair or replacement. Livestock continue to be in good shape despite the cool, rainy conditions. Ninety-four percent of the sheep are rated in good to excellent condition along with 92 percent of the cattle rated good to excellent. Feed supplies were up slightly to 98 percent rated adequate to surplus, still ahead of the 5-year average of 87 percent. Stock water supplies remain steady at 100 percent adequate to surplus, ahead of 98 percent on the previous year.

Feed and Water Supplies Comparison as of June 26, 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	0	0	3	0	0	5
Short	2	2	10	0	2	9
Adequate	86	86	79	50	60	71
Surplus	12	12	8	50	38	15

Soil Moisture Condition Comparison as of June 26, 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	1
Short	0	1	2	0	4	2
Adequate	54	72	56	55	63	57
Surplus	46	27	42	45	33	40

Crop and Livestock Conditions as of June 26, 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	2	21	55	22
Spring Wheat	0	0	28	53	19
Barley	0	0	30	65	5
Oats	0	2	19	67	12
Corn	1	4	19	65	11
Soybeans	1	4	26	60	9
Sorghum	0	1	14	71	14
Sunflower	0	1	40	47	12
Alfalfa	1	6	15	63	15
Cattle	0	0	8	73	19
Sheep	0	0	6	79	15
Range & Pasture	1	2	8	61	28

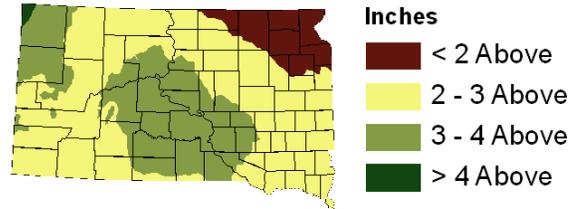
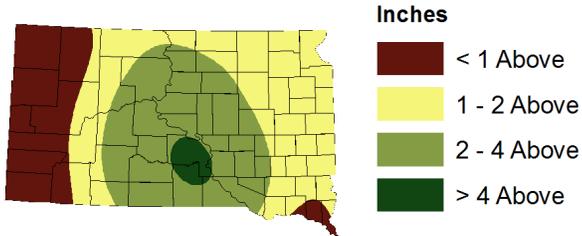
Crop Progress as of June 26, 2011 ¹

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	97	92	100	100
Headed	84	68	94	96
Turning Color	6	0	36	43
Barley				
Boot	47	7	92	88
Headed	4	2	39	49
Oats				
Boot	73	34	86	90
Headed	36	14	61	60
Spring Wheat				
Boot	82	33	87	91
Headed	27	6	57	61
Corn				
Ave. Height (in.)	13	8	22	21
1st cult./spray	76	59	83	87
2nd cult./spray	17	7	24	28
Soybeans				
Planted	95	93	97	99
Emerged	85	67	92	95
Sorghum				
Planted	96	92	97	97
Emerged	70	57	82	83
Sunflower				
Planted	88	73	81	88
Alfalfa				
1st Cutting	60	44	55	70
2nd Cutting	1	0	3	3
Other Hay				
Cut	25	20	28	33

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From May 28 to June 26, 2011

GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to June 26, 2011



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, June 26, 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		
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches	Since April 1	
Northwest											
Bison	64	-3	78	46	1.34	13.31	8.80	1.33	1.49	638	-206
Buffalo	63	-2	81	47	0.82	13.37	9.71	2.61	2.64	525	-249
Dupree	63	-5	80	46	2.39	18.33	12.29	6.00	4.42	657	-268
McIntosh	62	-6	80	46	1.40	11.91	8.01	1.11	0.99	626	-257
Newell	64	-5	85	48	1.90	14.70	10.04	3.09	2.73	578	-249
Timber Lake	64	-4	80	47	3.63	18.00	11.90	5.40	4.26	675	-212
North Central											
Aberdeen	65	-3	83	53	2.07	15.93	9.65	3.36	2.14	745	-168
Faulkton	64	-5	79	51	3.80	17.90	11.86	6.51	4.36	673	-269
Mobridge	64	-5	80	49	2.52	14.64	9.43	2.72	2.66	671	-216
Roscoe	63	-4	79	53	3.27	17.50	10.44	4.48	2.37	626	-167
Northeast											
Britton	65	-3	82	54	1.43	15.14	7.22	2.60	-0.32	720	-243
Clear Lake	62	-6	77	50	3.73	19.47	11.18	3.32	2.09	608	-292
Sisseton	64	-5	79	54	2.38	18.12	8.96	4.15	1.30	695	-243
Watertown	63	-4	80	49	2.31	17.41	8.62	3.85	0.68	663	-213
Webster	63	-5	79	54	2.12	18.88	8.03	5.77	0.36	669	-215
West Central											
Faith	63	-6	80	48	1.58	15.03	9.73	2.57	2.43	604	-299
Milesville	65	-5	82	46	4.20	15.67	11.09	2.65	3.02	749	-202
Philip	64	-6	83	48	2.92	14.23	9.81	2.73	2.47	716	-231
Rapid City	64	-3	83	49	2.71	14.94	10.97	3.41	3.73	605	-226
Spearfish	62	-5	78	43	1.60	16.03	10.03	0.29	0.75	584	-188
Central											
Chamberlain	68	-2	85	54	4.64	15.95	11.78	6.17	2.65	833	-171
Highmore	64	-5	81	53	4.15	14.66	10.15	5.69	2.98	668	-168
Huron	66	-3	81	56	3.21	16.63	9.88	2.93	1.84	812	-142
Onida	64	-5	82	50	3.90	15.84	9.86	2.58	2.36	786	-195
Pierre	65	-6	83	50	6.12	19.38	12.74	6.16	4.64	742	-242
Wessington Spr.	66	-5	81	55	4.26	18.56	12.52	3.72	2.68	695	-130
East Central											
Brookings	65	-3	81	51	3.10	17.55	11.36	3.80	2.68	695	-130
Madison	65	-3	81	48	2.18	15.26	10.06	-0.55	0.84	715	-191
Mitchell	68	-3	82	56	1.60	18.03	12.42	2.92	3.40	861	-139
Sioux Falls	65	-4	81	49	2.30	18.48	12.70	2.78	3.71	818	-161
Southwest											
Custer	58	-4	79	42	0.72	15.84	10.05	2.98	2.02	318	-278
Hot Springs	66	-2	85	46	0.83	13.59	9.49	2.19	1.96	765	-179
Oelrichs	65	-3	87	48	0.93	11.63	8.84	-0.07	1.28	714	-225
Porcupine	64	-4	89	45	1.43	16.66	10.00	5.08	2.70	694	-256
South Central											
Kennebec	67	-5	86	51	3.01	14.86	10.69	2.76	3.01	857	-224
Mission	64	-5	88	48	5.87	20.70	15.69	7.49	7.18	712	-164
Murdo	65	-5	84	50	4.61	18.62	13.11	4.96	5.00	717	-245
Winner	67	-5	87	51	4.64	15.65	11.91	2.10	2.56	836	-262
Southeast											
Academy	66	-4	82	53	6.64	19.15	16.16	3.90	6.77	780	-227
Centerville	66	-5	85	53	2.05	16.77	13.34	1.81	3.67	848	-151
Pickstown	68	-3	89	54	2.74	16.32	10.57	0.95	1.05	952	-87
Vermillion	69	-5	85	52	1.52	15.56	10.87	-0.70	1.23	1,051	-135
Yankton	68	-3	85	52	1.49	19.96	13.38	3.81	3.57	935	-109

DATA AND MAP SOURCE: State Climate Office of South Dakota