

South Dakota Weekly Crop Weather Report



National Agricultural Statistics Service

South Dakota Field Office

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Cooperating with:

SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

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For Week Ending September 23, 2012
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AGRICULTURAL SUMMARY

Cooler temperatures were welcomed this past week but moisture is still needed to degrade the fire danger and assist with the winter wheat crop. There were 6.9 days suitable for field work this past week. Major activities last week included harvesting row crops, planting winter wheat, moving cattle to stubble fields and caring for livestock.

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

WEATHER INFORMATION

Cooler conditions covered the state during the week bringing the first widespread hard freeze to the northeastern part of the state, according to the State Climate Office of South Dakota. Areas from north central through eastern and into far southeastern South Dakota saw temperatures fall to below 28° F or lower over the weekend bringing an end to the main part of the growing season in this area. Far southern and western parts of the state still have not had a hard freeze.

Overall the state was cooler than average with temperatures falling below freezing or dipping into the 30's over the whole state. Average temperatures were up to 10° F below average in the northeast to closer to average in the west. The high for the week was 91° F at Pickstown. The low was 22° F at Britton and Aberdeen.

Precipitation was extremely limited with only a few eastern stations receiving any precipitation. Madison and Vermillion had the most of the twelve stations reporting precipitation at 0.50 inches. The balance of the stations reported no precipitation.

SOIL CONDITION

Topsoil moisture was rated at 4 percent adequate, 24 percent short and 72 percent very short; compared to 64 percent very short the previous week. Subsoil moisture was rated at 4 percent adequate, 26 percent short and 70 percent very short; compared to 63 percent very short the previous week.

FIELD CROPS REPORT

Thirty-six percent of corn for grain has been harvested, up from the 19 percent from the previous week; still well ahead of the five year average of 2 percent. Corn in the mature stage was at 88 percent this week. Ninety-six percent of the corn silage has been cut. Corn conditions were rated at 21 percent very poor, 25 percent poor, 32 percent fair and 22 percent good to excellent. Soybean conditions were rated at 16 percent very poor, 23 percent poor, 34 percent fair and 27 percent good to excellent. Soybeans dropping leaves was at 98 percent. Ninety percent of soybeans were rated mature compared to 63 percent the previous week. Soybeans harvested were at 47 percent, up from the 15 percent the previous week. Sorghum had 87 percent mature with 47 percent harvested. Ninety-six percent of the sorghum silage has been cut. Sunflowers were 89 percent at the bracts yellow stage with 60 percent mature. Winter wheat was 37 percent planted, behind last year and five year averages of 47 percent 52 percent, respectively.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 65 percent good to excellent, 30 percent fair, and 5 percent poor. Sheep conditions were rated at 74 percent good to excellent condition, 21 percent fair and 5 percent poor. Stock water supplies were rated at 39 percent very short, 33 percent short and 28 percent adequate. Feed supplies were rated at 20 percent very short, 39 percent

short and 41 percent adequate to surplus. Range and pasture conditions were rated at 43 percent very poor, 35 percent poor, 20 percent fair and 2 percent good.

Feed and Water Supplies Comparison as of September 23, 2012

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	20	1	0	39	1	4
Short	39	5	5	33	7	11
Adequate	40	82	82	28	84	75
Surplus	1	12	13	0	8	10

Soil Moisture Condition Comparison as of September 23, 2012

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	72	64	8	70	63	6
Short	24	29	40	26	30	30
Adequate	4	7	50	4	7	58
Surplus	0	0	2	0	0	6

Crop and Livestock Conditions as of September 23, 2012

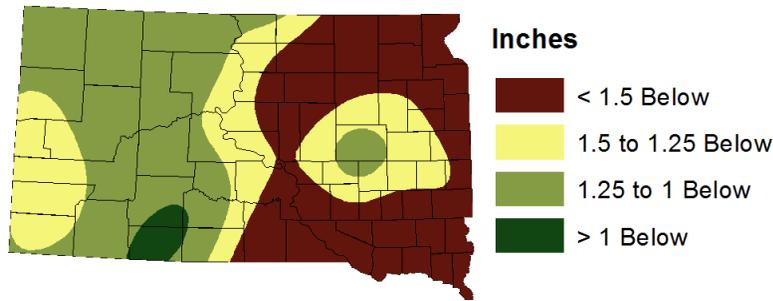
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	21	25	32	20	2
Soybeans	16	23	34	24	3
Sorghum	24	25	36	14	1
Sunflower	3	27	46	24	0
Cattle	0	5	30	58	7
Sheep	0	5	21	62	12
Range & Pasture	43	35	20	2	0

Crop Progress as of September 23, 2012 ¹

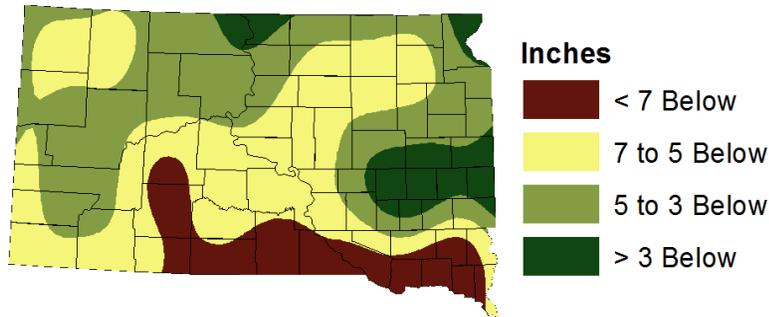
Item	This Week	Last Week	Last Year	5-Yr Avg.
		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	37	14	47	52
Emerged	1	0	10	15
Corn				
Mature	88	71	43	43
Grain Harvested	36	19	1	2
Silage Harvested	96	93	78	69
Soybeans				
Dropping Leaves	98	93	76	78
Mature	90	63	27	28
Harvested	47	15	1	2
Sorghum				
Mature	87	60	16	38
Grain Harvested	47	26	1	3
Silage Harvested	96	93	62	64
Sunflower				
Bracts Yellow	89	83	84	78
Mature	60	17	16	14
Harvested	1	1	0	0
Alfalfa				
3rd Cutting	84	80	88	84

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From August 25 to September 23, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to September 23, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 23, 2012

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	55	-4	82	34	0.00	11.72	8.52	-8.10	-6.66	2,888	377
Buffalo	56	0	82	33	0.00	9.26	6.92	-9.47	-7.43	2,673	434
Dupree	56	-3	82	28	0.00	12.82	10.06	-4.79	-3.10	2,777	199
McIntosh	54	-5	81	29	0.00	10.47	9.69	-6.79	-3.72	2,810	291
Newell	57	-1	82	34	0.00	10.63	8.51	-5.50	-3.55	2,574	124
Timber Lake	54	-5	80	26	0.00	14.09	11.25	-5.53	-3.43	2,812	228
North Central											
Aberdeen	50	-7	71	22	0.01	12.82	9.71	-9.54	-7.61	2,694	334
Faulkton	52	-7	80	23	0.00	12.68	10.79	-9.09	-5.57	2,697	129
Mobridge	54	-5	83	26	0.00	14.83	11.59	-4.72	-2.62	2,747	118
Roscoe	52	-5	78	28	0.00	13.48	11.06	-8.29	-5.77	2,609	325
Northeast											
Britton	50	-10	69	22	0.18	14.17	11.82	-7.78	-5.17	2,773	63
Clear Lake	50	-7	75	27	0.06	19.38	14.93	-7.63	-5.00	2,531	249
Sisseton	49	-9	70	25	0.14	15.90	13.09	-6.88	-3.65	2,677	216
Watertown	49	-8	68	27	0.10	16.42	13.59	-6.96	-4.24	2,668	359
Webster	51	-7	66	30	0.00	18.36	15.44	-8.66	-6.20	2,761	398
West Central											
Faith	56	-2	83	32	0.00	12.52	10.08	-6.09	-3.33	2,858	260
Milesville	58	-3	85	32	0.00	10.51	8.21	-9.44	-6.84	3,055	332
Philip	56	-4	84	33	0.00	6.83	5.24	-10.98	-8.37	3,029	331
Rapid City	57	-2	84	32	0.00	12.53	9.41	-3.61	-2.51	2,800	331
Spearfish	59	-2	84	34	0.00	13.23	9.32	-9.10	-6.56	3,021	291
Central											
Chamberlain	57	-4	82	30	0.00	16.51	9.86	-5.36	-6.22	3,127	385
Highmore	54	-6	79	26	0.00	14.26	10.66	-9.15	-7.70	2,720	62
Huron	53	-7	73	26	0.00	19.36	13.55	-2.76	-2.93	2,986	291
Onida	56	-5	82	29	0.00	16.90	10.79	-4.02	-4.62	2,866	202
Pierre	56	-5	82	29	0.00	12.03	8.13	-7.23	-6.09	2,950	170
Wessington Spr.	55	-7	80	34	0.10	20.09	16.00	-4.41	-2.32	2,906	66
East Central											
Brookings	48	-9	80	24	0.33	20.08	16.47	-5.77	-3.06	2,671	393
Madison	54	-5	87	25	0.50	23.16	18.92	-2.96	-0.64	2,934	470
Mitchell	54	-7	75	27	0.00	21.91	16.36	-1.00	-0.69	3,257	337
Sioux Falls	54	-5	75	27	0.01	16.11	10.87	-8.17	-6.82	3,101	477
Southwest											
Custer	54	2	73	36	0.00	12.63	9.79	-7.35	-5.35	2,140	397
Hot Springs	59	-1	82	36	0.00	11.53	8.76	-5.94	-4.86	2,998	372
Oelrichs	59	-1	83	34	0.01	11.76	9.10	-6.19	-4.61	2,934	341
Porcupine	57	-3	80	34	0.00	13.25	10.04	-6.23	-5.18	2,928	325
South Central											
Kennebec	57	-5	82	29	0.00	15.08	10.73	-5.64	-5.59	3,194	266
Mission	56	-4	87	30	0.00	13.58	8.91	-7.03	-7.01	2,919	285
Murdo	59	-3	83	35	0.00	12.13	9.45	-8.05	-5.21	3,174	390
Winner	59	-3	83	34	0.00	13.17	8.49	-10.33	-8.75	3,266	389
Southeast											
Academy	56	-4	85	30	0.00	15.80	11.07	-7.64	-7.14	2,993	316
Centerville	57	-3	86	30	0.00	12.23	8.51	-12.64	-10.24	3,173	457
Pickstown	59	-3	91	35	0.00	12.87	9.21	-11.66	-9.50	3,327	382
Vermillion	58	-5	85	26	0.50	15.95	11.57	-11.87	-9.67	3,441	392
Yankton	57	-5	87	28	0.04	14.53	8.50	-11.16	-10.88	3,185	281

DATA AND MAPS SOURCE: State Climate Office of South Dakota