

South Dakota Weekly Crop Weather Report



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

Released: September 17, 2012 -- 3:00 p.m. CST
For Week Ending September 16, 2012
SD-CW6138 Volume 61 Issue 38

AGRICULTURAL SUMMARY

Row crop harvest advanced this past week across much of the state and continued dry conditions allowed for 6.7 days suitable for field work. Major activities last week included beginning of row crop harvest, haying CRP acres, hauling water for livestock, early moving of 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

Drought conditions were largely unchanged for another week with little precipitation and largely warmer than average conditions across the whole state, according to the State Climate Office of South Dakota. The warmer and dry conditions continued to push crops quickly along to maturity statewide several weeks early. Few rainy days and overall dry soil conditions were also allowing for quick progress on harvesting.

Temperatures continued their trend at above-average across the state with temperatures ranging from 1 – 5° F above average over most of the state. Fourteen stations again were at 100° F or above during the week. The highest temperature was at Philip at 103° F. Temperatures showed their typical fall variability with many stations falling into the 30's along with the overall warm conditions. Aberdeen fell to the lowest temperature at 31° F.

Precipitation was very limited once again across the whole state. No stations were above average for the week. Some stations in central and western South Dakota have received no precipitation in the last 30 days setting records for low precipitation over that time frame. The largest precipitation total for the previous week was at Pickstown and Mission at 0.32 inches. Fewer than half the stations reported precipitation. A total of 22 stations had the low precipitation total for the week with no recorded precipitation for the week.

SOIL CONDITION

Topsoil moisture was fairly stable rated at 7 percent adequate, 29 percent short and 64 percent very short. Subsoil moisture was also fairly steady this week rated at 7 percent adequate, 30 percent short and 63 percent very short.

FIELD CROPS REPORT

Dry conditions helped with the progress of row crop harvest with corn harvested at 19 percent, up from the 7 percent from the previous week. Corn harvested is well ahead of the five year average of 1 percent. Corn conditions saw slight improvement from the previous week at 18 percent very poor, 29 percent poor, 31 percent fair and 22 percent good to excellent. Corn in the mature stage was at 71 percent this week. Ninety-three percent of the corn silage has been cut. Soybean conditions also saw minor improvements with 14 percent very poor, 28 percent poor, 33 percent fair and 25 percent good to excellent. Soybeans dropping leaves was at 93 percent. Sixty-three percent of soybeans were rated mature compared to 34 percent the previous week. Soybeans harvested were at 15 percent, up from the 3 percent the previous week. Sorghum had 60 percent mature with 26 percent harvested. Ninety-three percent of the sorghum silage has been cut. Sunflowers were 98 percent in the ray flowers dry stage and 83 percent at the bracts yellow stage. Seventeen percent of sunflowers were rated mature, with 1 percent harvested.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were fairly constant with 66 percent good to excellent, 28 percent fair, and 6 percent poor. Sheep conditions were rated at 74 percent good to excellent

condition, 20 percent fair and 6 percent poor. Slight improvements were seen in stock water supplies, feed supplies and range/pasture conditions. Stock water supplies were rated at 28 percent very short, 41 percent short and 31 percent adequate. Feed supplies were rated at 16 percent very short, 40 percent short and 44 percent adequate to surplus. Range and pasture conditions were rated at 37 percent very poor, 36 percent poor, 23 percent fair and 4 percent good.

Feed and Water Supplies Comparison as of September 16, 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	16	0	0	28	1	3
Short	40	4	5	41	6	11
Adequate	43	83	82	31	83	76
Surplus	1	13	13	0	10	10

Soil Moisture Condition Comparison as of September 16, 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	64	63	7	63	62	5
Short	29	29	37	30	31	28
Adequate	7	8	53	7	7	60
Surplus	0	0	3	0	0	7

Crop and Livestock Conditions as of September 16, 2012

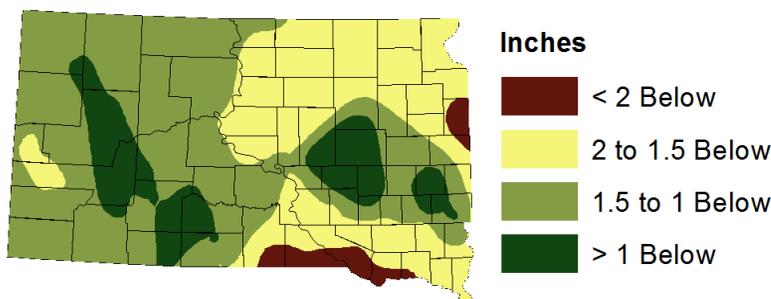
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	18	29	31	20	2
Soybeans	14	28	33	22	3
Sorghum	17	32	37	13	1
Sunflower	2	20	42	30	6
Cattle	0	6	28	60	6
Sheep	0	6	20	65	9
Range & Pasture	37	36	23	4	0

Crop Progress as of September 16, 2012 ¹

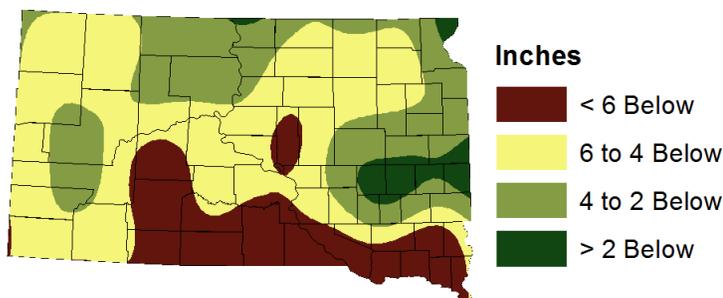
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	14	8	26	30
Corn				
Dent	96	90	87	84
Mature	71	45	24	24
Grain Harvested	19	7	0	1
Silage Harvested	93	89	56	50
Soybeans				
Dropping Leaves	93	77	54	57
Mature	63	34	10	10
Harvested	15	3	0	0
Sorghum				
Mature	60	42	7	20
Grain Harvested	26	2	0	1
Silage Harvested	93	83	33	45
Sunflower				
Ray Flowers Dry	98	77	92	89
Bracts Yellow	83	62	74	64
Mature	17	5	6	5
Harvested	1	0	0	0
Alfalfa				
3rd Cutting	80	74	85	78

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From August 18 to September 16, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to September 16, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 16, 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		
	<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	65	2	97	37	0.00	11.72	8.52	-7.79	-6.35	2,597	154
Buffalo	62	2	96	34	0.01	9.26	6.92	-9.19	-7.15	2,629	440
Dupree	65	2	100	34	0.00	12.82	10.06	-4.49	-2.80	2,731	223
McIntosh	65	3	98	40	0.00	10.47	9.69	-6.49	-3.42	2,618	164
Newell	65	3	98	38	0.00	10.63	8.51	-5.24	-3.29	2,567	180
Timber Lake	67	5	100	38	0.00	14.09	11.25	-5.19	-3.09	2,775	260
North Central											
Aberdeen	63	3	94	31	0.00	12.81	9.70	-9.06	-7.13	2,674	369
Faulkton	64	2	97	35	0.00	12.68	10.79	-8.58	-5.06	2,669	170
Mobridge	64	2	98	36	0.00	14.83	11.59	-4.34	-2.24	2,706	142
Roscoe	62	2	94	39	0.00	13.48	11.06	-7.84	-5.32	2,582	354
Northeast											
Britton	64	0	93	33	0.00	13.99	11.64	-7.19	-4.58	2,657	20
Clear Lake	63	3	92	41	0.20	19.32	14.87	-6.97	-4.34	2,514	288
Sisseton	63	2	91	35	0.00	15.76	12.95	-6.37	-3.14	2,660	259
Watertown	64	4	88	39	0.18	16.32	13.49	-6.49	-3.77	2,656	403
Webster	65	4	88	45	0.00	18.36	15.44	-8.05	-5.59	2,743	438
West Central											
Faith	64	2	100	41	0.00	12.52	10.08	-5.77	-3.01	2,809	273
Milesville	68	4	102	42	0.00	10.51	8.21	-9.08	-6.48	2,995	349
Philip	68	5	103	42	0.00	6.83	5.24	-10.64	-8.03	2,981	358
Rapid City	65	3	100	40	0.00	12.53	9.41	-3.31	-2.21	2,750	348
Spearfish	66	2	95	42	0.00	13.23	9.32	-8.66	-6.12	2,788	137
Central											
Chamberlain	69	5	101	45	0.06	16.51	9.86	-4.74	-5.60	3,074	412
Highmore	64	1	96	34	0.00	14.26	10.66	-9.15	-7.70	2,685	102
Huron	66	3	98	36	0.29	19.36	13.55	-2.22	-2.39	2,958	335
Onida	68	4	101	45	0.00	16.90	10.79	-3.58	-4.18	2,819	233
Pierre	68	4	101	45	0.00	12.03	8.13	-6.79	-5.65	2,903	201
Wessington Spr.	65	0	96	43	0.16	19.99	15.90	-3.90	-1.81	2,867	111
East Central											
Brookings	63	3	94	39	0.07	19.75	16.14	-5.04	-2.33	2,671	450
Madison	66	4	96	41	0.28	22.66	18.42	-2.77	-0.45	2,896	497
Mitchell	67	3	95	44	0.24	21.91	16.36	-0.45	-0.14	3,219	376
Sioux Falls	68	5	96	43	0.29	16.10	10.86	-7.55	-6.20	3,068	513
Southwest											
Custer	60	4	89	39	0.03	12.63	9.79	-7.00	-5.00	2,108	397
Hot Springs	66	3	96	37	0.00	11.53	8.76	-5.60	-4.52	2,930	378
Oelrichs	64	1	99	36	0.00	11.75	9.09	-5.85	-4.27	2,868	349
Porcupine	66	3	98	41	0.01	13.25	10.04	-5.87	-4.82	2,876	347
South Central											
Kennebec	70	4	101	41	0.17	15.08	10.73	-5.24	-5.19	3,144	304
Mission	64	1	100	39	0.32	13.58	8.91	-6.59	-6.57	2,874	312
Murdo	69	4	102	41	0.04	12.13	9.45	-7.67	-4.83	3,111	411
Winner	70	5	101	47	0.02	13.17	8.49	-9.83	-8.25	3,202	411
Southeast											
Academy	66	3	101	37	0.11	15.80	11.07	-7.08	-6.58	2,941	339
Centerville	65	2	98	37	0.25	12.23	8.51	-11.95	-9.55	2,986	344
Pickstown	69	3	98	43	0.32	12.87	9.21	-11.07	-8.91	3,260	403
Vermillion	70	4	97	46	0.14	15.45	11.07	-11.69	-9.49	3,377	422
Yankton	67	2	96	44	0.18	14.49	8.46	-10.55	-10.27	3,129	309

DATA AND MAPS SOURCE: State Climate Office of South Dakota