

South Dakota Weekly Crop Weather Report

Released: September 10, 2012 -- 3:00 p.m. CST
For Week Ending September 9, 2012
SD-CW6137 Volume 61 Issue 37



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

AGRICULTURAL SUMMARY

The dry weather forced row crops to rapidly advance into the mature stage, triggering the start of an early harvest. There were 6.8 days suitable for field work this past week. Major activities last week included beginning of row crop harvest, haying CRP acres, hauling water for livestock, early moving of cattle to stubble fields, 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 over the weekend balanced out warmer than average conditions early in the week over large parts of the state, leading to close to average temperatures statewide, according to the State Climate Office of South Dakota. Precipitation was again very limited. One storm event did bring heavier precipitation to east central South Dakota. The first patchy frost occurred over the week in north central to northeast parts of the state.

Temperatures overall were within a couple degrees of average except for the southeast, which was 3-5° F above average. A few stations did reach 100° F again. Academy, Onida, Pierre and Winner all reached 100° F for the weekly high. Many stations did fall into the 30's during the week. Faulkton and Kennebec had the lowest temperature at 34° F. Dry air is allowing larger temperature swings between highs and lows across the state.

Isolated areas had decent precipitation during the week. Wessington Springs and Mitchell both recorded over an inch with Wessington Springs the highest total at 1.35 inches. Thirty stations received less than 0.10 inches. The lowest totals were at twenty of the stations which received no precipitation during the week. The US Drought Monitor increased the area covered by drought in the state as well as the drought levels. Most of the southern half of the state is in D3 (Extreme Drought) with an area of D4 (Exceptional Drought) in the southeast. The increase was due to continuing dry conditions and lack of precipitation which has led to the very poor grass conditions and crop losses.

SOIL CONDITION

Topsoil moisture was rated at 8 percent adequate, 29 percent short and 63 percent very short; compared to 67 percent very short the previous week. Subsoil moisture was rated at 7 percent adequate, 31 percent short and 62 percent very short.

FIELD CROPS REPORT

Row crop harvest has begun for some areas of the state with corn harvested at 7 percent. Corn conditions remained steady from the previous week at 23 percent very poor, 28 percent poor, 28 percent fair and 21 percent good to excellent. Corn in the mature stage was at 45 percent this week. Eighty-nine percent of the corn silage has been cut, well ahead of the previous year and five year averages of 35 and 29 percent, respectively. Soybean conditions also remained fairly steady with 15 percent very poor, 30 percent poor, 30 percent fair and 25 percent good to excellent. Soybeans dropping leaves was at 77 percent. Thirty-four percent of soybeans were rated mature compared to only 5 percent the previous week. Soybeans harvested were at 3 percent. Sorghum, with 99 percent turning color, had 42 percent mature compared to 12 percent mature the previous week. Sorghum harvested was at 2 percent. Eighty-three percent of the sorghum silage has been cut, well ahead of the five year average of 24 percent. Sunflowers were 77 percent in the ray flowers dry stage and 62 percent at the bracts yellow stage, with 5 percent harvested.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions saw a slight change with 65 percent good to excellent, 28 percent fair, and 7 percent poor. Sheep conditions were rated at 72 percent good to excellent condition, 22 percent fair and 6 percent poor. Stock water supplies were rated at 30 percent very short, 43 percent short and 27 percent adequate. Feed supplies were rated at 17 percent very short, 40 percent short and 43 percent adequate to surplus. Range and pasture conditions were rated at 40 percent very poor, 36 percent poor, 20 percent fair and 4 percent good.

Feed and Water Supplies Comparison as of September 9, 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	17	0	0	30	1	3
Short	40	4	5	43	6	11
Adequate	42	82	81	27	82	76
Surplus	1	14	14	0	11	10

Soil Moisture Condition Comparison as of September 9, 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	63	67	7	62	68	5
Short	29	24	31	31	24	25
Adequate	8	9	58	7	8	62
Surplus	0	0	4	0	0	8

Crop and Livestock Conditions as of September 9, 2012

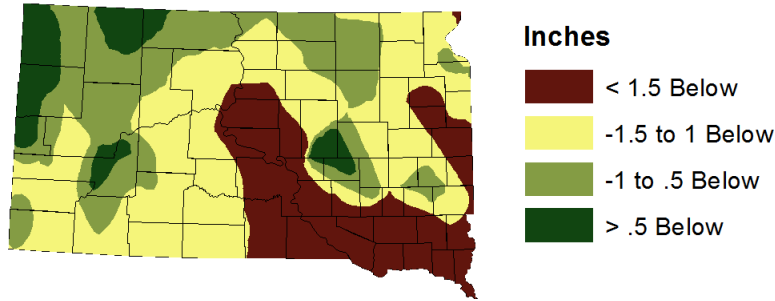
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	23	28	28	19	2
Soybeans	15	30	30	21	4
Sorghum	34	32	28	6	0
Sunflower	15	30	35	16	4
Cattle	0	7	28	61	4
Sheep	0	6	22	68	4
Range & Pasture	40	36	20	4	0

Crop Progress as of September 9, 2012 ¹

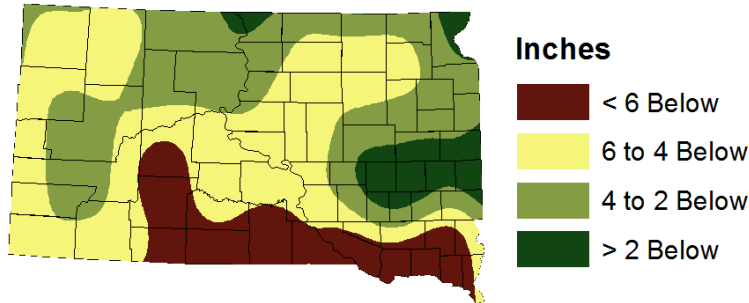
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	8	2	14	14
Corn				
Dough	97	94	96	96
Dent	90	80	72	72
Mature	45	17	8	11
Grain Harvested	7	0	0	0
Silage Harvested	89	75	35	29
Soybeans				
Dropping Leaves	77	54	30	36
Mature	34	5	1	2
Harvested	3	0	0	0
Sorghum				
Coloring	99	79	85	80
Mature	42	12	5	11
Grain Harvested	2	0	0	0
Silage Harvested	83	65	6	24
Sunflower				
Ray Flowers Dry	77	68	76	74
Bracts Yellow	62	43	51	45
Mature	5	0	0	1
Alfalfa				
3rd Cutting	74	71	79	72

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From August 11 to September 9, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to September 9, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 9, 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	0	91	39	0.00	11.72	8.52	-7.50	-6.06	2,483	127
Buffalo	64	1	91	42	0.00	9.25	6.91	-8.91	-6.87	2,543	426
Dupree	68	2	93	43	0.00	12.82	10.06	-4.18	-2.49	2,624	206
McIntosh	68	2	93	42	0.02	10.47	9.69	-6.16	-3.09	2,504	134
Newell	67	2	88	43	0.00	10.63	8.51	-5.01	-3.06	2,475	170
Timber Lake	64	-1	92	40	0.00	14.09	11.25	-4.86	-2.76	2,654	227
North Central											
Aberdeen	61	-2	89	35	0.00	12.81	9.70	-8.53	-6.60	2,580	348
Faulkton	66	1	96	34	0.00	12.68	10.79	-8.06	-4.54	2,571	160
Mobridge	64	-1	97	35	0.00	14.83	11.59	-3.95	-1.85	2,606	128
Roscoe	65	2	88	45	0.00	13.48	11.06	-7.33	-4.81	2,495	339
Northeast											
Britton	64	-2	90	39	0.08	13.99	11.64	-6.47	-3.86	2,603	58
Clear Lake	65	2	90	43	0.14	19.12	14.67	-6.39	-3.76	2,423	272
Sisseton	64	0	89	39	0.03	15.76	12.95	-5.75	-2.52	2,567	244
Watertown	64	1	91	39	0.00	16.14	13.31	-6.04	-3.32	2,557	378
Webster	65	1	88	45	0.00	18.36	15.44	-7.33	-4.87	2,635	407
West Central											
Faith	68	3	93	43	0.00	12.52	10.08	-5.48	-2.72	2,708	258
Milesville	69	2	98	41	0.00	10.51	8.21	-8.73	-6.13	2,871	324
Philip	68	1	98	37	0.00	6.83	5.24	-10.28	-7.67	2,856	329
Rapid City	66	1	93	43	0.02	12.53	9.41	-3.01	-1.91	2,642	327
Spearfish	66	-1	99	47	0.00	13.23	9.32	-8.24	-5.70	2,727	176
Central											
Chamberlain	68	0	98	40	0.07	16.45	9.80	-4.32	-5.18	2,940	380
Highmore	68	2	93	41	0.34	14.26	10.66	-8.80	-7.35	2,572	85
Huron	66	0	95	36	0.30	19.07	13.26	-1.89	-2.06	2,846	315
Onida	67	0	100	36	0.00	16.90	10.79	-3.14	-3.74	2,691	205
Pierre	67	0	100	36	0.00	12.03	8.13	-6.35	-5.21	2,775	173
Wessington Spr.	71	3	96	42	1.35	19.83	15.74	-3.38	-1.29	2,764	113
East Central											
Brookings	65	2	91	39	0.26	19.68	16.07	-4.32	-1.61	2,616	470
Madison	67	2	94	43	0.77	22.38	18.14	-2.25	0.07	2,782	467
Mitchell	68	1	95	40	1.15	21.67	16.12	-0.16	0.15	3,096	352
Sioux Falls	67	2	92	43	0.84	15.81	10.57	-7.18	-5.83	2,944	479
Southwest											
Custer	60	1	83	38	0.08	12.60	9.76	-6.65	-4.65	2,035	371
Hot Springs	66	0	90	38	0.01	11.53	8.76	-5.26	-4.18	2,819	361
Oelrichs	66	0	95	38	0.17	11.75	9.09	-5.52	-3.94	2,770	346
Porcupine	68	2	97	42	0.10	13.24	10.03	-5.42	-4.37	2,781	347
South Central											
Kennebec	70	1	98	34	0.00	14.91	10.56	-4.98	-4.93	3,000	270
Mission	67	1	97	38	0.15	13.26	8.59	-6.49	-6.47	2,774	305
Murdo	72	4	99	47	0.00	12.09	9.41	-7.33	-4.49	2,979	385
Winner	70	2	100	39	0.04	13.15	8.47	-9.37	-7.79	3,063	380
Southeast											
Academy	69	3	100	38	0.00	15.69	10.96	-6.60	-6.10	2,824	317
Centerville	71	5	98	38	0.07	11.98	8.26	-11.50	-9.10	2,921	372
Pickstown	73	4	99	44	0.03	12.55	8.89	-10.80	-8.64	3,128	381
Vermillion	73	4	99	42	0.18	15.31	10.93	-11.14	-8.94	3,232	390
Yankton	71	3	96	42	0.20	14.31	8.28	-10.11	-9.83	3,007	291

DATA AND MAPS SOURCE: State Climate Office of South Dakota