

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Weather conditions were ideal last week for row crop harvest pushing all harvested rates farther ahead of last year's average and the five-year averages. There were 7.0 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

September brought to a close an interesting month climatologically, according to the State Climate Office of South Dakota. Drought conditions persisted with little recovery during the month. The very dry surface conditions have allowed large daily temperature swings. Despite overall warm conditions for the month, many locations statewide had average lows in the top 20 coldest of all time. The lack of moisture in the air is a large contributor allowing for large temperature ranges from day to night. The overall dry conditions continue to allow rapid harvest progress along with fire potential conditions.

Temperatures continued above-average across nearly the whole state with temperatures ranging from 1 – 11° F above average over most of the state, with just two stations in the east below average. Average temperatures were in the upper 50's to lower 60's. The highest temperature was at Milesville at 87° F. Centerville fell to the lowest temperature at 24° F.

The trend of limited precipitation continued this week with only ten stations reporting precipitation. The largest precipitation total for the week was at Philip at 0.22 inches. Thirty-three stations tied for the low with no precipitation reported during the week. Precipitation totals for the month were meager across the state. Much of the northwest to north central reported less than 0.10 inches for the month. The dry conditions allowed for increased severity on the US Drought Monitor. All of the state is in some form of drought currently and over half the state is in the D3 and D4, the highest levels of drought.

SOIL CONDITION

Soil conditions remained fairly constant last week. Topsoil moisture was rated at 5 percent adequate, 22 percent short and 73 percent very short. Subsoil moisture was rated at 6 percent adequate, 22 percent short and 72 percent very short.

FIELD CROPS REPORT

Fifty-five percent of corn for grain has been harvested, up from the 36 percent from the previous week; still well ahead of the five year average of 6 percent. Corn in the mature stage was at 96 percent this week. Corn conditions were rated at 20 percent very poor, 25 percent poor, 29 percent fair and 26 percent good to excellent. Ninety-eight percent of soybeans were rated mature, ahead of the five year average of 60 percent. Soybeans harvested were at 79 percent, up from the 47 percent the previous week; well ahead of the five year average of 16 percent. Ninety-six percent of the sorghum was mature with 55 percent harvested. Sunflowers were 96 percent at the bracts yellow stage with 85 percent mature. Fourteen percent of sunflowers have been harvested; ahead of the five year average of 1 percent. Winter wheat was 50 percent planted, behind last year and five year averages of 67 percent and 70 percent, respectively. Five percent of winter wheat had emerged, behind last year's estimate of 22 percent and the five year average of 32 percent emerged.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle conditions were rated at 66 percent good to excellent, 29 percent fair and 5 percent poor. Sheep conditions were rated at 72 percent good to excellent condition, 23 percent fair and 5 percent poor. Stock water supplies were rated at 38 percent very short, 38 percent short and 24 percent adequate. Feed supplies were rated at 20 percent very short, 37 percent short and 43 percent adequate to surplus. Range and pasture conditions were rated at 44 percent very poor, 34 percent poor, 19 percent fair and 3 percent good.

Feed and Water Supplies Comparison as of September 30, 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	1	38	0	3
Short	37	4	5	38	7	11
Adequate	42	82	81	24	85	76
Surplus	1	13	13	0	8	10

Soil Moisture Condition Comparison as of September 30, 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	73	72	11	72	70	6
Short	22	24	48	22	26	35
Adequate	5	4	40	6	4	54
Surplus	0	0	1	0	0	5

Crop and Livestock Conditions as of September 30, 2012

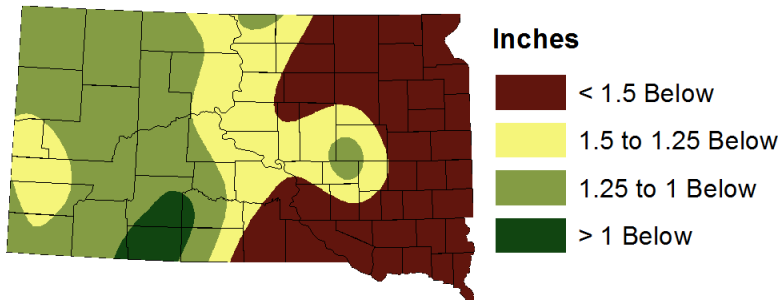
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	20	25	29	22	4
Sunflower	10	17	45	28	0
Cattle	0	5	29	61	5
Sheep	0	5	23	66	6
Range & Pasture	44	34	19	3	0

Crop Progress as of September 30, 2012 ¹

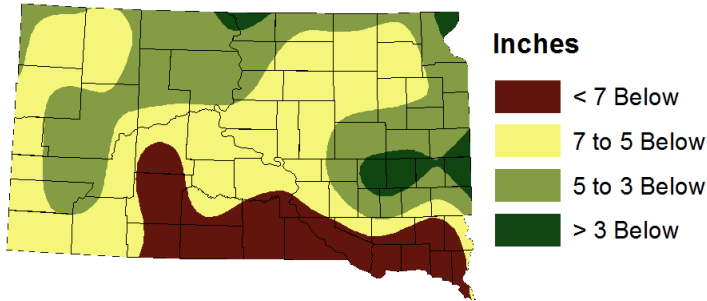
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Seeded	50	37	67	70
Emerged	5	1	22	32
Corn				
Mature	96	88	70	65
Grain Harvested	55	36	6	6
Soybeans				
Mature	98	90	65	60
Harvested	79	47	22	16
Sorghum				
Mature	96	87	45	59
Grain Harvested	55	47	7	10
Sunflower				
Bracts Yellow	96	89	92	89
Mature	85	60	40	34
Harvested	14	1	2	1
Alfalfa				
3rd Cutting	98	84	92	88

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
From September 1 to September 30, 2012



GROWING SEASON
Accumulated Precip Deviation from Average
From April 1 to September 30, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, September 30, 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			Since April 1
	Degrees	Degrees	Degrees	Degrees	Inches	Inches	Inches	Inches	Inches			
Northwest												
Bison	61	5	84	37	0.00	11.72	8.52	-8.42	-6.98	3,005	443	
Buffalo	64	11	85	36	0.00	9.26	6.92	-9.59	-7.55	2,770	496	
Dupree	62	6	83	34	0.15	12.97	10.21	-4.97	-3.28	2,866	236	
McIntosh	60	4	85	31	0.00	10.47	9.69	-7.11	-4.04	2,926	358	
Newell	59	4	83	37	0.00	10.63	8.51	-5.80	-3.85	2,671	174	
Timber Lake	63	7	83	35	0.05	14.14	11.30	-5.84	-3.74	2,902	266	
North Central												
Aberdeen	58	4	86	29	0.00	12.82	9.71	-10.04	-8.11	2,750	352	
Faulkton	57	1	84	31	0.00	12.68	10.79	-9.60	-6.08	2,750	131	
Mobridge	63	8	84	34	0.05	14.88	11.64	-5.03	-2.93	2,836	160	
Roscoe	57	3	83	33	0.00	13.48	11.06	-8.75	-6.23	2,665	341	
Northeast												
Britton	56	-1	77	36	0.00	14.17	11.82	-8.31	-5.70	2,865	99	
Clear Lake	55	1	82	30	0.00	19.38	14.93	-8.34	-5.71	2,573	251	
Sisseton	58	3	86	27	0.00	15.90	13.09	-7.50	-4.27	2,737	233	
Watertown	57	3	82	31	0.01	16.43	13.60	-7.48	-4.76	2,717	368	
Webster	59	5	82	30	0.00	18.36	15.44	-9.20	-6.74	2,829	424	
West Central												
Faith	63	9	85	38	0.11	12.63	10.19	-6.24	-3.48	2,954	313	
Milesville	63	6	87	35	0.05	10.56	8.26	-9.79	-7.19	3,149	368	
Philip	63	6	86	37	0.22	7.05	5.46	-11.10	-8.49	3,121	367	
Rapid City	63	8	86	41	0.00	12.53	9.41	-3.92	-2.82	2,892	373	
Spearfish	59	2	77	38	0.00	13.23	9.32	-9.56	-7.02	3,168	377	
Central												
Chamberlain	63	5	86	40	0.00	16.51	9.86	-5.94	-6.80	3,220	417	
Highmore	59	4	83	34	0.00	14.26	10.66	-9.61	-8.16	2,833	131	
Huron	60	4	85	33	0.01	19.37	13.56	-3.27	-3.44	3,056	307	
Onida	61	4	85	35	0.00	16.90	10.79	-4.48	-5.08	2,946	224	
Pierre	61	4	85	35	0.00	12.03	8.13	-7.69	-6.55	3,030	192	
Wessington Spr.	61	3	83	40	0.00	20.09	16.00	-4.99	-2.90	2,986	82	
East Central												
Brookings	57	3	82	28	0.00	20.08	16.47	-6.48	-3.77	2,685	367	
Madison	58	2	83	31	0.00	23.16	18.92	-3.62	-1.30	2,973	462	
Mitchell	60	2	84	36	0.00	21.91	16.36	-1.51	-1.20	3,331	352	
Sioux Falls	58	2	82	32	0.00	16.11	10.87	-8.78	-7.43	3,162	487	
Southwest												
Custer	56	7	76	37	0.03	12.66	9.82	-7.58	-5.58	2,184	419	
Hot Springs	60	3	84	34	0.02	11.55	8.78	-6.24	-5.16	3,073	391	
Oelrichs	60	3	86	39	0.00	11.76	9.10	-6.56	-4.98	3,010	361	
Porcupine	62	5	83	40	0.00	13.25	10.04	-6.66	-5.61	3,011	354	
South Central												
Kennebec	61	2	85	36	0.00	15.08	10.73	-6.02	-5.97	3,270	274	
Mission	62	6	82	34	0.00	13.58	8.91	-7.43	-7.41	3,001	311	
Murdo	65	7	84	44	0.00	12.13	9.45	-8.45	-5.61	3,279	430	
Winner	67	8	85	44	0.00	13.17	8.49	-10.76	-9.18	3,385	441	
Southeast												
Academy	59	2	84	32	0.00	15.80	11.07	-8.19	-7.69	3,060	327	
Centerville	59	2	83	24	0.00	12.23	8.51	-13.32	-10.92	3,284	512	
Pickstown	62	3	86	35	0.00	12.87	9.21	-12.27	-10.11	3,414	402	
Vermillion	59	-1	85	31	0.00	15.95	11.57	-12.53	-10.33	3,507	382	
Yankton	58	0	85	33	0.00	14.53	8.50	-11.83	-11.55	3,243	274	

DATA AND MAPS SOURCE: State Climate Office of South Dakota