

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

A slight warm up and scattered showers helped with crop progress this week but more rain is still needed for most of the state. There were 6.4 days suitable for field work in the past week. Major farm activities consisted of the planting of row crops, first cutting of alfalfa, and moving the remaining livestock to pasture.

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

WEATHER INFORMATION

Several storms crossed parts of the state during the week bringing some hail reports with storms on Sunday in the eastern and far southwest, according to the State Climate Office of South Dakota. The storms were fairly isolated for the week leading to varying precipitation amounts. Four stations in the east and southwest reported over an inch of precipitation. Oelrichs had the greatest at 1.40 inches. In contrast many stations reported little precipitation with six reporting no precipitation. At least 25 stations across the state were in the top 5 driest all time for the month of May. This is in contrast to longer term wetness that existed earlier in May.

Statewide temperatures averaged slightly below average in the eastern third of the state while being slightly above average in the western 2/3. Chamberlain and Winner reported the high temperature for the week at 92° F. Porcupine was the coldest of the week at 31° F.

SOIL CONDITION

Topsoil moisture dropped 21 percentage points and is now at 52 percent adequate to surplus. Subsoil moisture was rated 73 percent in the adequate to surplus categories, fairing better than topsoil moisture, but still a drop of 15 percentage points for the week.

FIELD CROPS REPORT

Most of the row crops are nearing the completion of planting and the cutting of alfalfa has begun. Soybeans planted are ahead of the five-year average by 2 percentage points and now 73 percent planted, with 34 percent emerged, also ahead of the five-year average of 26 percent. Planting of corn is nearly complete with 96 percent planted which is equal to the five-year average but ahead of last year by 4 percentage points. Fifty-six percent of corn has emerged, lagging behind the five-year average by 17 percentage points. The average height of the corn is at 3 inches which is ahead of last year by 2 inches. Planting of sunflowers is on track with the five-year average at 23 percent planted, ahead of last year by 6 percentage points.

LIVESTOCK, PASTURE, AND RANGE REPORT

The slight warm up this past week benefited the South Dakota livestock that have been moved to pasture, although rain would help with the pasture conditions through out the state. Remaining the same was sheep condition at 82 percent good to excellent for the second week in a row. Cattle condition dropped 2 percentage points at 78 percent for the week in good to excellent categories. More cattle have been moved to pasture with a 9 point increase to 90 percent. Dropping 6 percentage points in the good to excellent categories was range and pasture conditions for the week rounding out at 70 percent.

Feed and Water Supplies Comparison as of May 31, 2009

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
Very Short	7	1	5	1	6	14
Short	5	12	15	6	16	19
Adequate	83	80	75	83	70	60
Surplus	5	7	5	10	7	7

Soil Moisture Condition Comparison as of May 31, 2009

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	9	1	4	3	1	4
Short	39	26	12	24	11	17
Adequate	46	68	71	67	79	73
Surplus	6	5	14	6	9	6

Crop and Livestock Conditions as of May 31, 2009

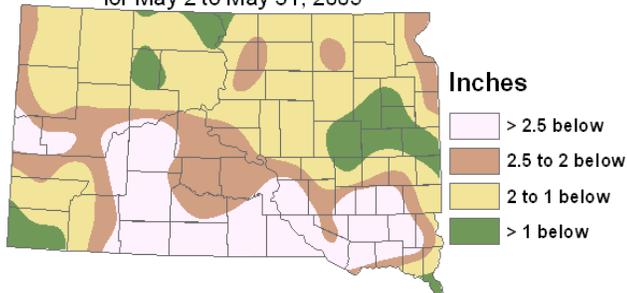
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	3	13	29	48	7
Spring Wheat	2	8	25	55	10
Barley	0	5	27	60	8
Oats	1	5	27	61	6
Corn	0	5	40	49	6
Soybeans	0	6	48	43	3
Alfalfa	1	4	26	60	9
Cattle	1	5	16	64	14
Sheep	1	3	14	65	17
Range & Pasture	2	6	22	62	8

Crop Progress as of May 31, 2009 ¹

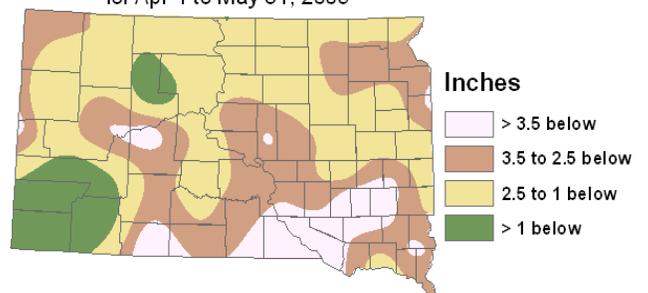
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Boot	59	30	59	82
Headed	6	1	4	33
Barley				
Emerged	92	84	81	94
Boot	5	2	1	7
Headed	0	0	0	0
Oats				
Emerged	94	80	92	98
Boot	5	1	3	16
Headed	0	0	0	1
Spring Wheat				
Emerged	97	86	97	99
Boot	7	3	2	16
Headed	0	0	0	1
Corn				
Planted	96	82	92	96
Emerged	56	39	52	73
Ave. Height (in.)	3	0	1	3
1st cult./spray	20	0	9	21
Soybeans				
Planted	73	47	65	71
Emerged	34	10	13	26
Sorghum				
Planted	58	36	51	47
Emerged	13	8	11	16
Sunflower				
Planted	23	16	17	23
Alfalfa				
1st Cutting	6	0	2	10
Other Hay				
Cut	0	0	1	2

¹ Percents represent all acreage in or beyond each stage.

PAST 30 DAYS
Accumulated Precip Deviation from Average
for May 2 to May 31, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to May 31, 2009



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, May 31, 2009

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	61	1	83	42	0.00	12.41	2.44	2.91	-2.39	401	-17
Buffalo	62	5	82	42	0.01	8.73	2.24	-0.01	-2.57	350	22
Dupree	63	2	86	38	0.75	12.66	5.26	3.28	0.34	439	10
McIntosh	60	-1	81	42	0.60	9.95	2.74	1.77	-1.52	369	-62
Newell	60	0	82	41	0.44	9.82	3.33	1.34	-1.06	367	-32
Timber Lake	61	0	83	38	0.46	11.30	2.61	1.48	-2.25	447	33
North Central											
Aberdeen	61	-1	87	39	0.01	10.53	1.95	0.95	-2.57	426	1
Faulkton	62	1	89	43	0.00	9.98	3.23	-0.49	-1.78	442	13
Mobridge	61	-1	87	37	0.38	9.72	3.08	1.20	-1.19	408	-1
Roscoe	61	0	84	43	0.24	11.00	3.36	0.93	-1.76	375	9
Northeast											
Britton	59	-3	85	39	0.22	13.76	2.37	4.21	-2.22	361	-86
Clear Lake	58	-3	80	39	0.49	14.06	2.24	1.58	-3.13	351	-2
Sisseton	60	-2	83	43	0.18	14.08	2.34	2.97	-2.46	407	-5
Watertown	59	-1	81	40	1.23	11.33	2.48	1.19	-2.09	375	25
Webster	60	-1	81	46	0.47	11.15	1.52	1.24	-2.95	367	7
West Central											
Faith	61	0	85	43	0.00	9.37	3.58	-0.27	-1.35	376	-62
Milesville	63	1	88	36	0.07	8.71	1.61	-1.62	-3.77	467	0
Philip	62	0	91	34	0.11	8.70	2.26	-0.45	-2.67	476	1
Rapid City	61	2	84	36	0.00	10.74	4.61	1.67	-0.21	382	9
Spearfish	64	5	81	45	0.35	12.31	2.73	-0.18	-3.30	432	59
Central											
Chamberlain	63	1	92	45	0.07	9.32	2.61	-2.45	-3.41	479	26
Highmore	62	0	90	42	0.26	7.54	2.16	-3.36	-3.50	423	-19
Huron	63	1	88	45	0.87	12.62	3.14	1.73	-2.15	466	23
Onida	62	0	91	35	0.00	8.37	2.07	-1.99	-2.71	433	-7
Pierre	63	0	90	41	0.04	9.36	2.76	-0.87	-2.40	461	-19
East Central											
Brookings	59	-2	82	37	0.64	11.88	3.45	1.83	-1.53	374	-5
Forestburg	64	0	89	41	1.00	12.29	3.98	0.26	-2.05	544	24
Madison	61	0	88	35	0.11	10.18	2.63	-2.32	-3.28	443	64
Mitchell	64	0	89	46	0.31	11.29	2.00	-0.82	-4.04	513	55
Sioux Falls	62	0	87	38	0.06	12.71	3.38	0.03	-2.66	479	21
Southwest											
Custer	57	2	77	37	0.31	8.74	5.08	-1.38	-0.29	252	-13
Hot Springs	62	2	85	39	1.18	9.48	5.35	0.63	0.37	505	11
Oelrichs	63	3	87	42	1.40	11.97	5.03	2.63	-0.05	479	6
Porcupine	60	0	87	31	0.05	11.92	4.43	2.93	-0.28	460	9
South Central											
Kennebec	64	-1	90	40	0.05	8.62	2.28	-0.88	-2.80	543	-18
Mission	61	0	84	44	0.07	9.65	2.98	-0.75	-2.72	421	26
Murdo	62	0	86	42	0.03	10.49	3.25	-0.28	-1.97	439	4
Winner	64	-1	92	48	0.30	9.60	3.11	-3.18	-3.37	495	-62
Southeast											
Armour	63	-2	88	44	0.11	9.25	2.37	-3.48	-3.87	491	-71
Centerville	61	-3	84	38	0.00	11.86	2.58	-0.56	-3.54	463	-10
Pickstown	61	-2	84	45	0.39	10.12	1.74	-2.20	-4.73	502	14
Vermillion	65	-1	84	44	0.00	15.07	3.83	1.95	-2.67	572	-40
Yankton	62	-1	85	44	0.45	14.79	4.36	2.07	-2.02	505	1

DATA AND MAP SOURCE: State Climate Office of South Dakota