

South Dakota Weekly Crop Weather Report

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

AGRICULTURAL SUMMARY

Continued progress was made last week with 4.5 days suitable for field work, allowing producers to near the completion of planting. Major activities last week included; planting, weed control, caring for livestock, and haying.

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

WEATHER INFORMATION

Storms covered various areas of the state during the week with stronger storms causing damage in a few areas including some tree damage and some flash flooding, according to the State Climate Office of South Dakota. Temperatures were rather variable with warmer than average conditions in the southeast and colder conditions further northwest.

Temperatures for the week averaged from the mid 50's in the northwest to the upper 60's in the southeast. The northwest area was below average by 1-3° F. The southeast areas were above average by 2-4° F. Warm daily temperatures covered most of the state with many daily highs reaching the 90's. One location (Cottonwood - not reported here) reported the first triple digit high of the year at 101° F. The highest temperature of this set of stations was 98° F at Oelrichs, Porcupine and Philip. The lowest reported was 29° F at Custer.

Heaviest precipitation totals for the week were in the southwest and east central to southeast where amounts were over an inch. Areas of northwest to north central received much less precipitation. Hot Springs reported the most for the week at 2.27 inches. Bison and Pickstown reported the least at 0.11 inch for the week.

SOIL CONDITION

Soil temperatures cooled with late week temperatures. Nisland and Caputa had the low 4 inch soil temperature at 54° F and Oacoma was the warmest at 65° F. Topsoil moisture is rated at 78 percent in adequate to surplus, 20 percent short and 2 percent very short. Subsoil moisture is rated at 77 percent adequate to surplus, 19 percent short and 4 percent very short.

FIELD CROPS REPORT

Winter wheat is at 75 percent headed, up 36 percentage points from last week and ahead of the five year average of 10 percent. Spring wheat is at 54 percent in the boot stage, 50 percentage points ahead of the five year average. Barley is at 26 percent in the boot stage, 25 percentage points ahead of the five year average. Oats are reported at 54 percent in the boot stage, ahead of the five year average of 6 percent. Corn is 86 percent emerged with an average height of 4 inches and 45 percent has been cultivated or sprayed once. Soybeans are at 86 percent planted, with 48 percent emerged. Sorghum is at 53 percent planted, with 18 percent emerged. Sunflowers are at 30 percent planted.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle moved to pasture is rated at 87 percent complete. Stock water supplies are 1 percent very short, 7 percent short and 92 percent adequate to surplus. Feed supplies are 3 percent short and 97 percent adequate to surplus. Range and pasture conditions are rated 3 percent poor, 22 percent fair and 75 percent good to excellent.

Feed and Water Supplies Comparison as of May 27, 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	0	1	2	1	0	4
Short	3	6	10	7	0	6
Adequate	88	85	82	86	64	72
Surplus	9	8	6	6	36	18

Soil Moisture Condition Comparison as of May 27, 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	2	3	0	4	5	0
Short	20	16	0	19	16	2
Adequate	72	74	57	69	74	57
Surplus	6	7	43	8	5	41

Crop and Livestock Conditions as of May 27, 2012

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	10	23	58	9
Spring Wheat	0	7	19	56	18
Barley	0	0	6	74	20
Oats	0	0	12	70	18
Corn	0	1	14	65	20
Alfalfa	0	9	35	49	7
Cattle	0	0	6	72	22
Sheep	0	0	6	67	27
Range & Pasture	0	3	22	62	13

Crop Progress as of May 27, 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				
Boot	95	88	41	55
Headed	75	39	0	10
Barley				
Boot	26	15	0	1
Headed	1	0	0	0
Oats				
Boot	54	23	0	6
Headed	10	0	0	0
Spring Wheat				
Boot	54	45	1	4
Headed	7	2	0	0
Corn				
Planted	99	93	82	87
Emerged	86	64	38	47
Ave. Height (in.)	4	0	0	2
1st cult./spray	45	0	0	9
Soybeans				
Planted	86	65	30	49
Emerged	48	20	6	13
Sorghum				
Planted	53	19	15	31
Emerged	18	4	2	8
Sunflower				
Planted	30	3	11	17
Alfalfa				
1st Cutting	35	0	0	6
Other Hay				
Cut	5	0	0	1

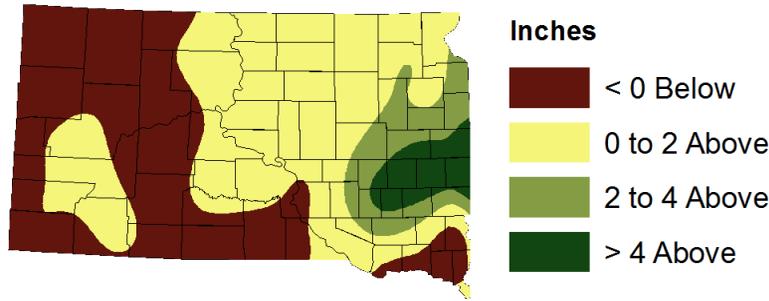
¹ Percents represent all acreage in or beyond each stage.

Coming Soon – NASS's Annual June Surveys.

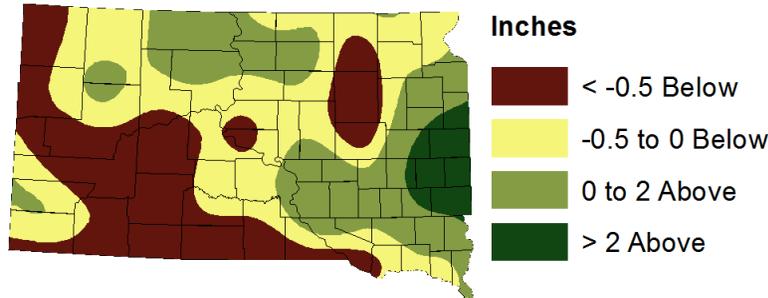
In the first two weeks of June, NASS will survey about 140,000 U.S. producers and visit 42,000 tracts of farm land to collect information on crops and livestock. Responses to these surveys provide the foundation for estimates in the upcoming growing year and will first be released in the *Acreage* and other reports on June 29. Watch for the survey and be sure to respond.

Your information matters!

GROWING SEASON Accumulated Precip Deviation from Average From April 1 to May 27, 2012



PAST 30 DAYS Accumulated Precip Deviation from Average From April 28 to May 27, 2012



TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS Week Ending Sunday, May 27, 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		
Northwest											
Bison	56	-1	85	37	0.11	7.29	4.09	-1.60	-0.16	440	29
Buffalo	55	-2	85	38	0.18	5.31	2.97	-3.17	-1.13	476	95
Dupree	58	-2	90	38	0.37	6.77	4.01	-2.16	-0.47	514	53
McIntosh	59	-1	85	37	0.33	5.99	3.69	-1.73	-0.17	451	20
Newell	57	-1	87	39	0.51	5.76	3.64	-2.26	-0.31	494	92
Timber Lake	59	-1	86	40	0.42	8.08	5.17	-1.31	0.72	538	109
North Central											
Aberdeen	59	-1	88	38	0.13	7.55	4.44	-1.54	0.39	523	81
Faulkton	58	-2	88	39	0.31	7.54	4.86	-2.48	0.27	488	24
Mobridge	58	-2	86	37	0.29	7.76	4.52	-1.37	0.73	510	94
Roscoe	60	-1	86	41	0.71	7.72	5.30	-1.89	0.63	468	99
Northeast											
Britton	61	1	88	37	0.22	7.31	3.83	-1.81	-0.28	503	32
Clear Lake	59	-1	83	45	1.31	12.60	8.15	0.65	3.28	440	13
Sisseton	61	0	91	42	0.59	9.19	5.49	-1.25	1.33	501	46
Watertown	60	1	85	43	1.02	8.26	5.43	-1.41	1.35	470	59
Webster	61	1	86	45	1.16	9.38	6.46	-0.07	2.44	464	47
West Central											
Faith	57	-3	86	37	0.17	6.78	4.34	-2.85	-0.09	525	80
Milesville	60	-1	95	37	0.19	5.43	3.00	-4.41	-1.90	566	96
Philip	59	-2	98	36	0.18	4.61	3.02	-4.03	-1.42	600	130
Rapid City	55	-3	91	37	0.78	8.31	5.19	-0.28	0.82	516	101
Spearfish	59	0	84	38	0.40	9.09	5.18	-2.85	-0.31	541	170
Central											
Chamberlain	62	2	92	42	0.32	11.25	4.60	0.09	-0.77	586	88
Highmore	57	-3	76	40	0.60	9.47	5.87	-0.75	0.70	478	-5
Huron	62	1	88	43	0.50	12.80	6.99	2.32	2.15	584	125
Onida	60	0	90	93	0.86	11.46	5.35	1.61	1.01	520	29
Pierre	60	-2	93	42	0.59	8.77	4.87	-0.92	0.22	537	54
Wessington Spr.	61	-2	87	45	0.88	12.38	7.22	0.26	1.28	512	5
East Central											
Brookings	63	3	83	44	1.39	12.78	9.17	1.37	4.08	505	124
Madison	64	4	85	45	0.63	16.14	12.04	4.15	6.61	571	141
Mitchell	67	5	89	49	0.37	16.12	10.57	4.72	5.03	609	129
Sioux Falls	63	2	84	44	1.28	11.19	5.95	-0.92	0.43	615	145
Southwest											
Custer	49	-4	82	29	1.17	7.38	4.54	-2.35	-0.35	320	44
Hot Springs	59	1	94	36	2.27	7.74	4.97	-0.69	0.39	651	160
Oelrichs	56	-1	98	36	1.08	6.00	3.34	-2.91	-1.33	610	126
Porcupine	57	-2	98	34	1.92	8.40	5.19	-0.27	0.78	569	83
South Central											
Kennebec	63	0	92	40	0.96	10.43	6.08	1.35	1.40	670	123
Mission	60	0	93	39	0.77	8.25	4.30	-1.66	-0.92	550	128
Murdo	61	1	94	42	0.96	8.83	6.15	-1.48	1.36	563	87
Winner	63	0	94	42	0.82	9.40	4.72	-2.66	-1.08	624	67
Southeast											
Academy	64	2	88	42	0.30	11.78	6.47	0.45	0.49	580	76
Centerville	62	0	86	44	1.00	8.72	4.22	-3.00	-1.21	609	126
Pickstown	65	2	89	42	0.11	9.86	6.20	-1.94	0.22	667	159
Vermillion	68	3	89	47	1.36	11.05	6.67	-1.53	0.67	790	183
Yankton	64	2	88	44	1.14	11.63	5.61	-0.51	-0.22	665	152