

South Dakota Weekly Crop Weather Report

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For Week Ending November 29, 2009
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SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Another favorable week for fieldwork helped producers make progress on the row crop harvest, as there was 6.8 days suitable for fieldwork in the past week. Farm activities focused on the harvest of row crops, drying corn, moving livestock to row crop stubble, and moving hay.

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

WEATHER INFORMATION

A mild, rather dry Thanksgiving week allowed further harvest of row crops. Temperatures ranged from 4-13° F above normal with most stations averaging in the mid to high 30s. Porcupine had the high temperature of the week at 68° F with 19 stations having a high in the 60s; The low for the week was 12° F reported by Porcupine and Kennebec. Sioux Falls reported the most precipitation with .15 inch of rain; most stations reported no precipitation for the week.

SOIL CONDITION

Soil temperatures at the 4 inch-depth for all stations were in the upper 30s F for the week. Cottonwood was the coolest at 34° F; Beresford was the warmest at 41° F. Topsoil moisture was rated at 93 percent in the adequate to surplus range last week, compared to 97 percent last year. Subsoil was rated at 77 percent in the adequate to surplus range, compared to 87 percent last year.

FIELD CROPS REPORT

Corn harvested advanced 18 percentage points in the past week, now estimated at 58 percent complete. This year's corn harvest remains behind last year's pace of 86 percent harvested and 96 percent for the five-year average. Ninety-three percent of the sorghum for grain has been harvested, compared to 94 percent last year and 98 percent for the five-year average. The sunflower harvest is 93 percent complete, compared to 81 percent last year and 95 percent for the five-year average. Ninety-seven percent of the soybean crop has been harvested, compared to 100 percent last year and for the five-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock conditions continue to be remain mostly in the good to excellent range. Cattle are rated 89 percent in the good to excellent conditions. Sheep are rated 90 percent in the good to excellent condition. Feed supplies remain very strong in the state, this week rated at 95 percent adequate to surplus. Stock water supplies are also in good shape with 92 percent in the adequate and surplus categories.

Feed and Water Supplies Comparison as of November 29, 2009

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	1	0	NA	1	1	NA
Short	4	4	NA	7	9	NA
Adequate	84	81	NA	81	79	NA
Surplus	11	15	NA	11	11	NA

Soil Moisture Condition Comparison as of November 29, 2009

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	Percent	Percent	Percent	Percent	Percent	Percent
Very Short	0	1	0	2	3	1
Short	7	5	3	21	19	12
Adequate	82	84	83	69	71	75
Surplus	11	10	14	8	7	12

Crop and Livestock Conditions as of November 29, 2009

Item	V Poor	Poor	Fair	Good	Excel
	Percent	Percent	Percent	Percent	Percent
Winter Wheat	0	3	23	64	10
Corn	2	3	14	42	39
Cattle	0	1	10	64	25
Sheep	0	1	9	66	24

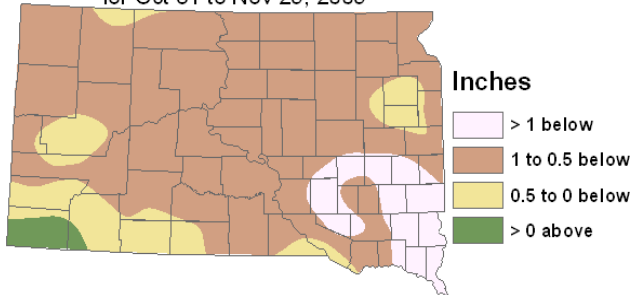
Crop Progress as of November 29, 2009

Item	This Week	Last Week	Last Year	5-Yr Avg.
	Percent	Percent	Percent	Percent
Corn				
Grain Harvested	58	40	86	96
Soybeans				
Harvested	97	95	100	100
Sorghum				
Grain Harvested	93	86	94	98
Sunflower				
Harvested	93	79	81	95

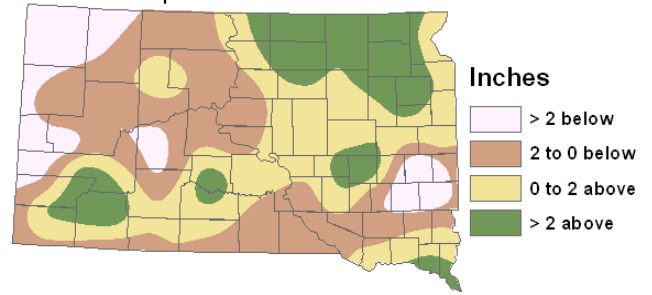
Average Soil Temperatures Week Ending November 29, 2009 (4-inch Depth)

Location	Temp	Location	Temp
Aberdeen	36	Nisland	38
Beresford	41	Oacoma	39
Bowdle	36	Parkston	39
Brookings	38	Pierre	36
Caputa	37	Redfield	38
Cottonwood	34	South Shore	37

PAST 30 DAYS
Accumulated Precip Deviation from Average
for Oct 31 to Nov 29, 2009



GROWING SEASON
Accumulated Precip Deviation from Average
for Apr 1 to Nov 29, 2009



TEMPERATURE and PRECIPITATION
Week Ending Sunday, November 29, 2009

District and Station	Temperatures Past Week				Precipitation				
	Average	Departure from Normal	High	Low	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>	<i>Inches</i>
Northwest									
Bison	37	10	62	18	0.00	3.34	12.60	1.32	-2.01
Buffalo	37	12	60	20	0.00	1.88	9.37	-0.16	-5.41
Dupree	34	9	55	13	0.00	2.29	16.25	0.20	0.78
McIntosh	32	8	56	13	0.00	2.80	13.49	0.89	-0.94
Newell	36	9	64	18	0.00	1.96	13.06	-0.01	-0.30
Timber Lake	34	9	56	15	0.00	2.70	15.35	0.42	-0.57
North Central									
Aberdeen	32	9	52	17	0.01	4.55	20.07	2.18	2.54
Faulton	35	11	66	18	0.00	4.87	19.28	2.39	1.95
Mobridge	33	7	53	15	0.00	3.37	15.06	1.29	0.29
Roscoe	33	10	54	18	0.00	4.63	21.61	2.23	3.90
Northeast									
Britton	33	10	49	21	0.10	5.25	24.16	2.85	6.04
Clear Lake	34	11	53	19	0.11	7.47	23.11	4.15	1.13
Sisseton	34	10	46	20	0.10	7.54	20.49	4.61	1.79
Watertown	34	11	53	23	0.09	6.63	21.90	3.82	2.72
Webster	34	11	53	20	0.00	5.39	23.34	2.87	4.20
West Central									
Faith	37	10	56	20	0.00	2.18	15.14	0.04	0.06
Milesville	36	8	60	17	0.00	3.83	15.08	1.53	-1.90
Philip	37	9	64	13	0.00	3.66	12.46	1.73	-2.35
Rapid City	38	9	64	20	0.00	2.54	14.99	0.57	0.63
Spearfish	44	13	64	30	0.10	3.66	15.40	0.62	-2.84
Central									
Chamberlain	36	8	57	17	0.00	2.96	18.71	0.34	-0.51
Highmore	34	8	63	15	0.00	3.63	19.82	1.10	1.30
Huron	34	8	58	17	0.00	3.97	18.69	1.51	0.93
Onida	34	9	62	14	0.00	4.44	15.02	2.06	-1.62
Pierre	35	6	58	15	0.00	4.37	15.88	2.04	-1.26
East Central									
Brookings	36	12	59	23	0.04	6.47	20.99	3.71	0.49
Forestburg	35	7	61	19	0.00	5.03	23.49	2.12	4.40
Madison	35	10	55	20	0.07	5.17	17.50	1.99	-4.24
Mitchell	35	8	59	22	0.00	4.47	19.27	1.76	-0.23
Sioux Falls	36	10	55	22	0.15	5.69	19.03	2.43	-2.28
Southwest									
Custer	34	4	59	15	0.00	2.31	15.86	0.19	-1.70
Hot Springs	37	7	63	16	0.00	3.81	17.28	2.03	2.04
Oelrichs	37	9	66	17	0.03	3.40	15.85	1.46	0.92
Porcupine	35	8	68	12	0.00	4.90	18.38	2.88	3.12
South Central									
Kennebec	34	5	61	12	0.00	3.69	17.36	1.61	0.99
Mission	34	5	62	13	0.00	2.44	18.20	0.18	0.57
Murdo	36	8	63	18	0.00	3.95	19.31	1.57	2.71
Winner	38	7	61	17	0.00	2.01	18.98	-0.84	-1.29
Southeast									
Armour	35	6	58	20	0.00	4.24	19.69	1.41	-0.37
Centerville	36	8	54	22	0.14	4.83	23.23	1.70	1.59
Pickstown	37	7	62	20	0.00	4.50	19.69	1.74	-0.59
Vermillion	38	8	53	21	0.10	5.57	24.54	2.16	2.39
Yankton	38	9	55	24	0.03	5.96	23.73	2.89	1.91

DATA AND MAPS SOURCE: State Climate Office of South Dakota