



Davison County Planning & Zoning
and Emergency Management

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Mitchell, SD 57301-2631
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August 14, 2017

RE: Burn Ban

Davison County Auditor
Davison County Commissioners
North Offices
1420 North Main
Mitchell SD 57301

Commissioners,

On August 7, 2012 Davison County adopted an Ordinance for the Regulation of Open Burning During Fire Danger Emergencies, pursuant to SDCL 7-8-20 (18) and consistent with SDCL 34-29B-11.1. When weather or other conditions exist which may make open burning unduly hazardous, the Davison County Board of Commissioners may prohibit or restrict open burning after consultation with local fire officials and law enforcement officials in order to protect the public health and safety.

On July 11, 2017 the Davison County Commissioners acted by Resolution #071117-02 declaring a Fire Danger Emergency prohibiting burning in Davison County, until such time as the Resolution declaring the Fire Danger Emergency shall be rescinded or amended. There have not been any violations at this time.

Any person in violation of this Resolution shall be subject to a maximum penalty of thirty (30) days in jail, a five hundred dollar (\$500) fine, or both.

Current Status:

1. Davison County has received 0.43 inches of precipitation so far in August, with a total of 11.22 inches in 2017. This is 3.77 inches of precipitation below normal. This is 0.59 inches of precipitation below normal for the month of August, the month of July was 0.09 inches of precipitation below normal, and the month of June was 3.38 inches of precipitation below normal. All precipitation totals are from the Mitchell Airport.
2. Local weather forecast indicates a multiple chances of rain with temps in the mid 80's for highs.
3. The 10 day outlook shows expected rainfall of 1.25 inches of rain on day 2, 0.28 inches of rain on day 3, 0.05 inches of rain on day 4, 0.12 inches of rain on day 7, 0.25 inches of rain on day 8, and 0.02 inches of rain on day 9.
4. The SD Grasslands Fire Danger category for Davison County is low for the next few days, but Davison County is still listed in Moderate according to the August update.
5. U.S. Drought Monitor (South Dakota) has most of Davison County in D2 Severe Drought.
6. Active Burn Bans or Burn Ordinances throughout the state of South Dakota.

If you have any questions regarding this matter you can reach the Planning and Zoning & Emergency Management Office at 605-995-8615 or email at jeffb@davisoncounty.org.

Jeffrey Bathke, M.S.A.

Jeff Bathke
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Davison County
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1-2017 Rainfall

June	13	0.32		
	14	0.05		
	17	0.12		
	21	0.25		
	25	0.01		
			0.75	
July	5	0.27		
	11	0.90		
	12	trace		
	17	0.57		
	18	trace		
	21	0.01		
	22	0.02		
	25	1.14		
	26	0.01		
	28	trace		
	30	0.04		
	31	0.06		
			3.02	
August	2	0.17		
	3	trace		
	5	0.02		
	9	trace		
	12	0.07		
	13	0.17		
			0.43	
2017 TOTAL				11.22
Normal Value				14.99
Departure From Normal				-3.77

<http://w2.weather.gov/climate/index.php?wfo=fsd>

2-Local Weather

Mitchell, SD

Capital Addition | Report | Change Station

Forecast History Calendar Rain / Snow Health

Elev 1316 ft 43.72 °N, 98.03 °W | Updated 7 min ago



61.5 °F



Overcast

Feels Like 61.5 °F

Wind from West

Today is forecast to be **COOLER** than yesterday.

Today

High 78 | Low 59 °F

20% Chance of Precip.

Yesterday

High 81.7 | Low 61.3 °F

Precip. 0.2 in



UV Warning

Sign up for your Daily Forecast Email

Pressure 29.87 in
 Visibility 3.0 miles
 Clouds Overcast 200 ft
 Dew Point 58 °F
 Humidity 88%
 Rainfall 0.00 in
 Snow Depth Not available.

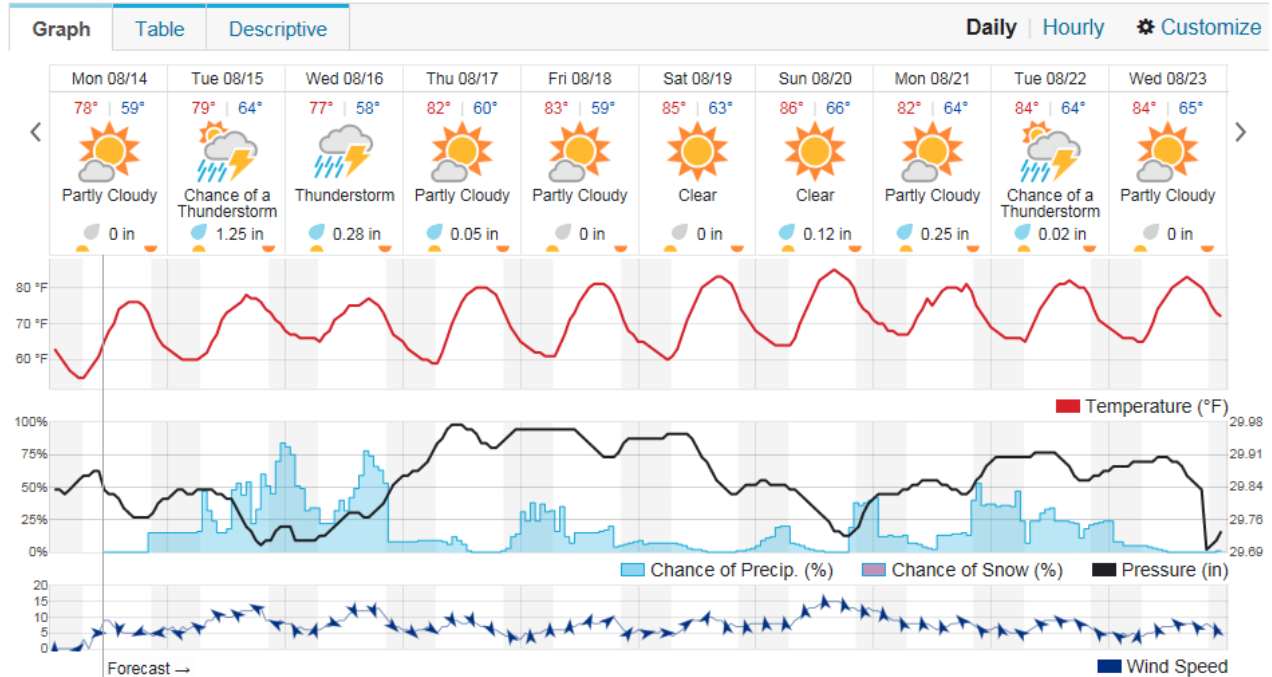
Sun & Moon

6:35 am
 8:36 pm
 Waning Gibbous, 55% visible

SPECI KMHE 141501Z AUTO 35008KT 3SM BR
 OVC002 16/15 A2987 RMK A02 T01560150

3-10 Day Forecast

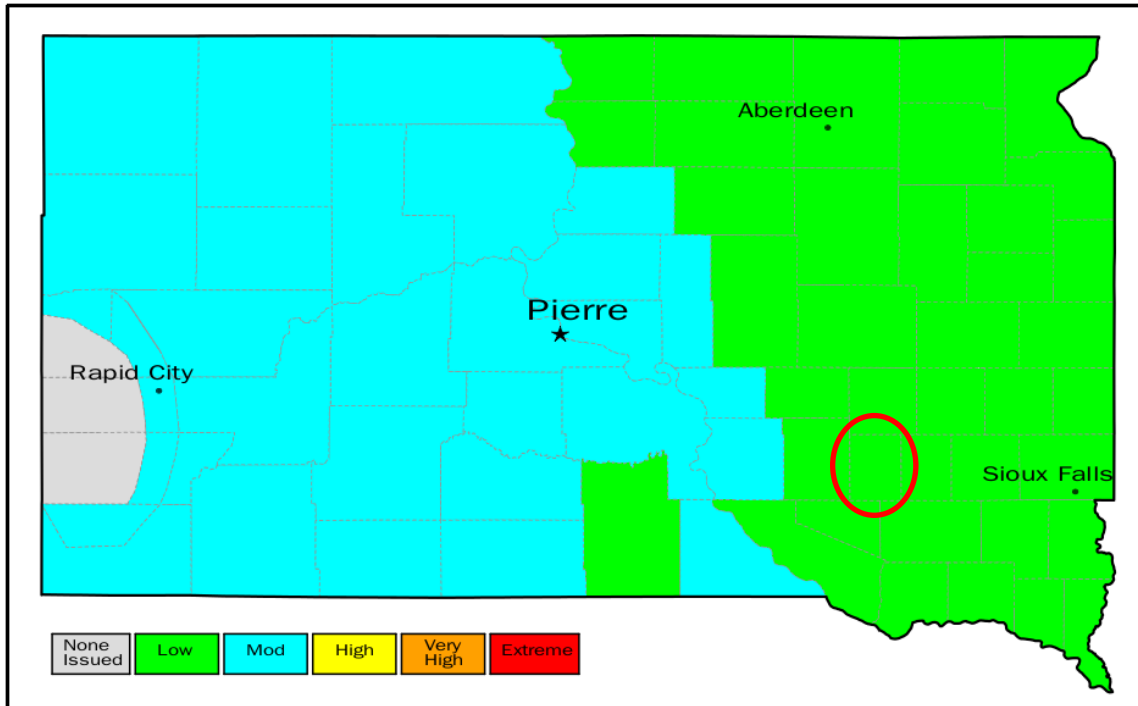
10-Day Weather Forecast



<http://www.wunderground.com/cgi-bin/findweather/getForecast?query=43.77472305,-98.038612377>

4-Fire Danger Map and Update

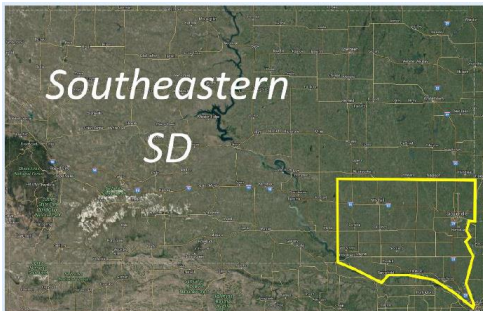
SD Grassland Fire Danger: Mon, Aug 14, 2017



National Weather Service
Aberdeen/Rapid City/Sioux Falls, SD
8/14/2017 9:30am MDT

Follow Us:   
weather.gov

<https://www.weather.gov/unr/rfd>



Important Factors for Large Fire Growth in August for Southeastern SD

Climate Considerations (preconditioning)

- Dry conditions during August

Weather Considerations (triggers)

- Winds exceeding 30 mph
- Above average temperatures
- Minimum RHs below 30%

Southeastern SD August 2017 Outlook:

Fire Potential is MODERATE*

- Continuing drought
- Moderate potential for fires larger than 50 acres
 - o Highest near the Missouri River

* Fire potential is relative to historical August fires across Southeastern SD.

5-U.S. Drought Monitor (South Dakota)

U.S. Drought Monitor South Dakota

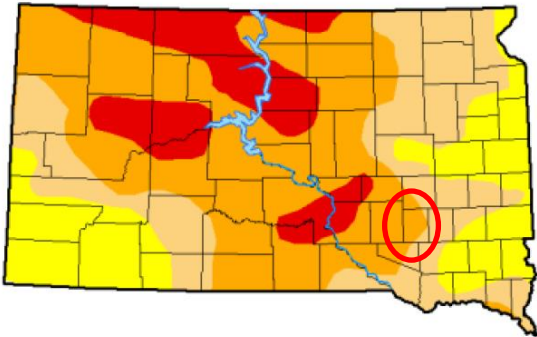
July 25, 2017

(Released Thursday, Jul. 27, 2017)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.03	99.97	79.97	54.44	14.95	0.00
Last Week 07-19-2017	0.03	99.97	82.10	54.64	11.12	0.00
3 Months Ago 04-25-2017	82.81	17.19	0.27	0.00	0.00	0.00
Start of Calendar Year 01-01-2017	61.22	38.78	26.01	6.00	0.00	0.00
Start of Water Year 08-27-2016	47.50	52.50	20.95	4.93	1.09	0.00
One Year Ago 07-26-2016	22.00	78.00	47.96	14.93	5.72	0.00



Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

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NCEI/NOAA



<http://droughtmonitor.unl.edu/>

6-Active Burn Bans or Burn Ordinances

