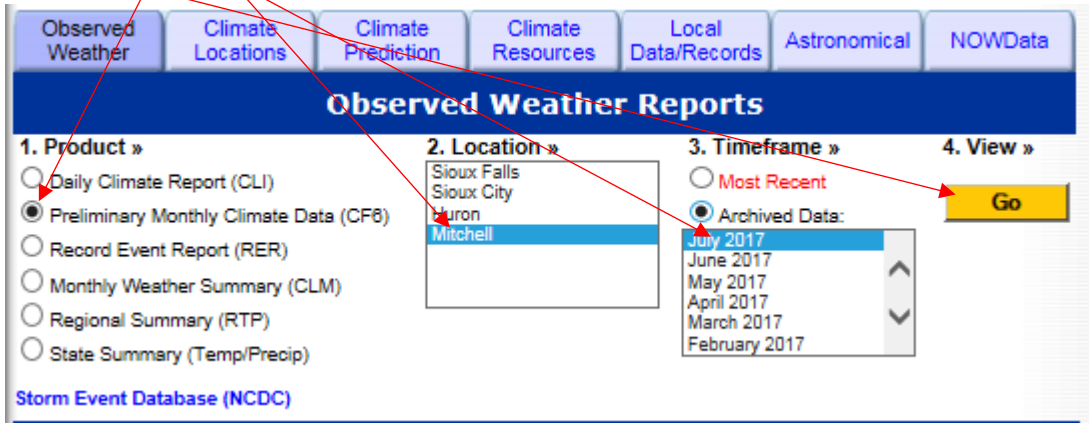


Burn Ban Point System Process:

1. Last Precipitation:

- a. Go to the Climate and Past Weather information on the National Weather Service website @ <http://w2.weather.gov/climate/index.php?wfo=fsd>
- b. Click on Preliminary Monthly Climate Data.
- c. Mitchell
- d. Month
- e. Go



- f. This will bring up a chart, where you can see the last precipitation total recorded at the airport.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: MITCHELL SD
 MONTH: JULY
 YEAR: 2021
 LATITUDE: 43 46 N
 LONGITUDE: 98 2 W

TEMPERATURE IN F:		:PCPN:		SNOW:		WIND		:SUNSHINE:		SKY		:PK WND						
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
									12Z	AVG	MX	2MIN						
1	90	60	75	1	0	10	0.00	0.0	0	4.7	12	110	M	M	0	1	18	160
2	92	62	77	3	0	12	0.00	0.0	0	6.9	16	170	M	M	1		26	150
3	94	63	79	5	0	14	0.00	0.0	0	13.5	24	170	M	M	0		34	210
4	101	73	87	12	0	22	0.00	0.0	0	8.5	17	190	M	M	0	8	25	170
5	98	65	82	7	0	17	0.55	0.0	0	6.3	43	270	M	M	1	13	55	270
6	73	67	70	-5	0	5	0.11	0.0	0	7.9	22	310	M	M	7	13	31	310

2. Average Temperature last 7 days.
 - a. In the table, look at the AVG column, calculate average for the last 7 days. You may have to run the previous month's report to find all 7 data points.
3. Average Wind Speed
 - b. In the table, look at the AVG SPD column, calculate average for the last 7 days. Again, you may have to run the previous month's report to find all 7 data points.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

STATION: MITCHELL SD
 MONTH: JULY
 YEAR: 2021
 LATITUDE: 43 46 N
 LONGITUDE: 98 2 W

TEMPERATURE IN F:					:PCPN:	SNOW:	WIND			:SUNSHINE:	SKY	:PK WND						
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										12Z	AVG	MX	2MIN					
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR
1	90	60	75	1	0	10	0.00	0.0	0	4.7	12	110	M	M	0	1	18	160
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6	73	67	70	-5	0	5	0.11	0.0	0	7.9	22	310	M	M	7	13	31	310

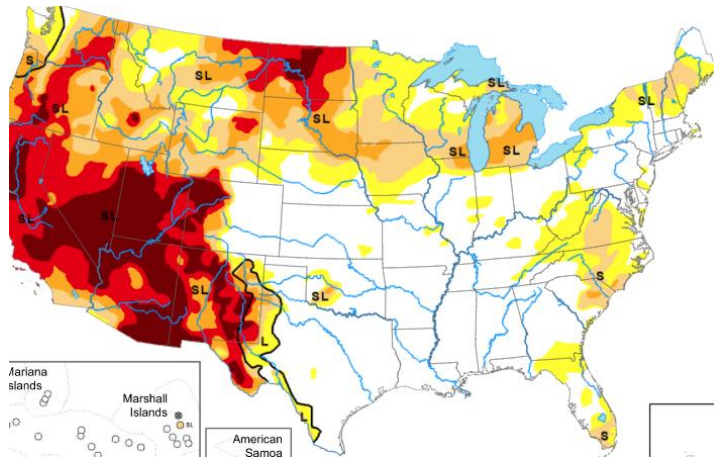
4. Departure From Normal
 - a. Go back to the Climate and Past Weather information on the National Weather Service website @ <http://w2.weather.gov/climate/index.php?wfo=fsd>
 - b. Click on Daily Climate Report, Mitchell, Most Recent, Go.

- c. Under the precipitation data, under the departure from normal column, is data for two time periods. (The departure from normal (DFN) rainfall found in the table under "Preliminary Monthly Climate Data" used in steps 1-3 above will only show DFN for the current month.)

WEATHER ITEM	OBSERVED VALUE	TIME (LST)	RECORD VALUE	YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
PRECIPITATION (IN)							
YESTERDAY	0.11		1.30	1914	0.08	0.03	0.26
MONTH TO DATE	0.66				0.50	0.16	0.76
SINCE JUN 1	1.10				4.01	-2.91	6.00
SINCE JAN 1	7.97				10.93	-2.96	10.44

5. Drought Level. Go to <https://droughtmonitor.unl.edu/>.

c. Enter the drought level from the Intensity and Impacts table below the map.



Intensity and Impacts



5. Unaccounted for fires.

d. Request the three Fire Departments let us know when they have any fires. Only fires that could have been prevented if a ban were in place would be considered for a ban.

6. Surrounding Burn Bans. Tracked by the NWS.

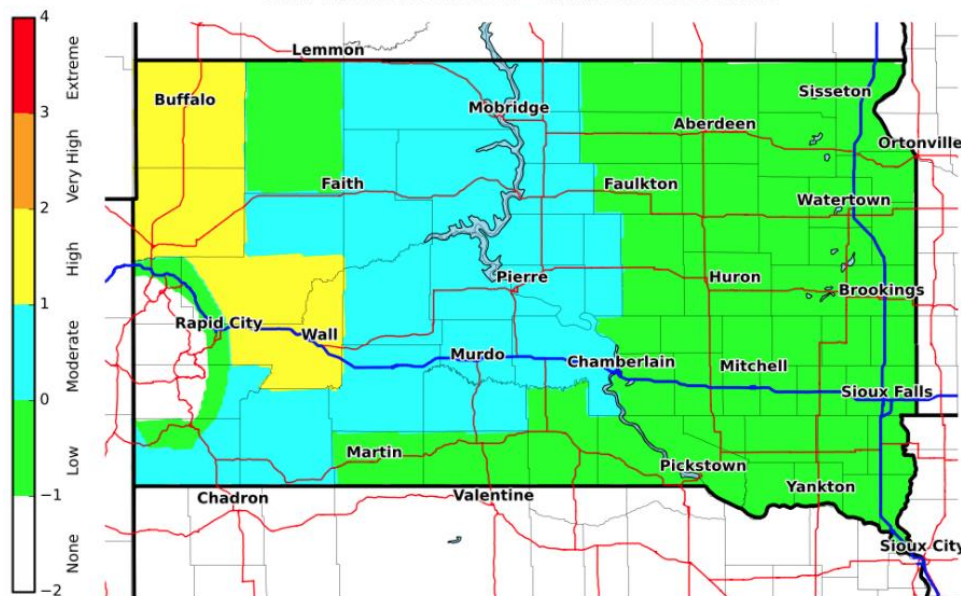
a. Surrounding Counties to consider: Jerauld, Aurora, Douglas, Hutchinson, Hanson, Miner, Sanborn.

7. Fire Danger Map

e. Go to the National Weather Service Page @ <https://www.weather.gov/unr/rfd>

SD Grassland Fire Danger Wednesday Afternoon

Valid: 07/07/2021 01:00 PM - 07/07/2021 05:00 PM CDT



National Weather Service
Aberdeen/Rapid City/Sioux Falls, SD
weather.gov

Updated:
07/07/2021 07:39 AM CDT

8. Burn Ban Summary {Date}

f. Email out to PD, FD x 3, Sheriff's Office, Commissioners, and any others

i. Marius, Shannon, Mike, Dawn, Dan (Ethan), Dave/Mike (Mt. Vernon), Steve, Commissioners, Susan.