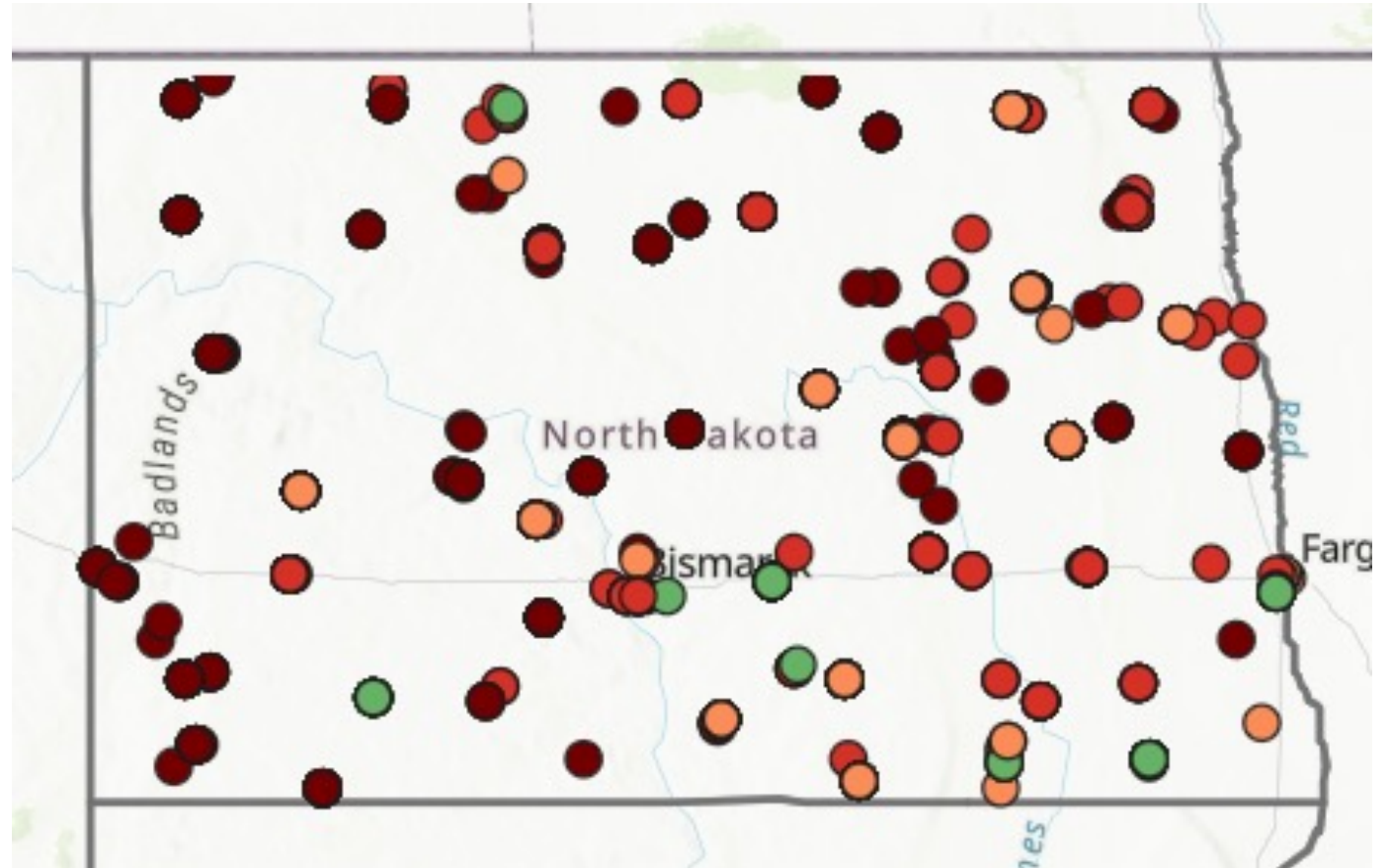


Drought Impact Reporting Processes for the Agricultural Sector: North Dakota Case Study

Processes, Lessons Learned, and a Roadmap for Success

Condition Monitoring Observer Reports on Drought (CMOR-Drought)



North Dakota Drought Impact Reporting

- Severe droughts have impacted the state
- Interviewed State Climate Office Personnel
- Initial methods for impact report collection
 - Weekly Google forms
 - Agents encouraged to submit observations
 - Time consuming and inefficient

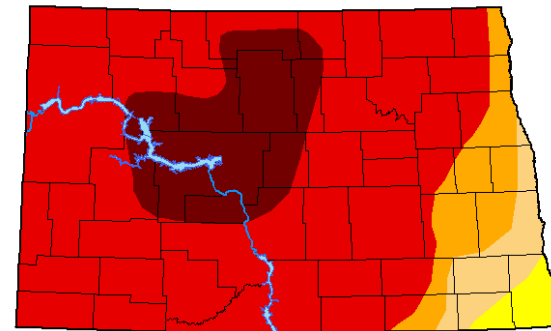


U.S. Drought Monitor North Dakota

May 18, 2021
(Released Thursday, May 20, 2021)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	97.84	92.99	84.98	16.74
Last Week 05-11-2021	0.00	100.00	97.84	92.99	84.98	0.00
3 Months Ago 02-16-2021	0.00	100.00	91.10	58.25	0.00	0.00
Start of Calendar Year 12-29-2020	0.00	100.00	83.68	59.44	6.82	0.00
Start of Water Year 09-29-2020	15.13	84.87	51.84	13.94	0.00	0.00
One Year Ago 05-19-2020	43.25	56.75	16.20	0.00	0.00	0.00



Intensity:

- None
- 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. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

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NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

Introduction to CMOR tool

Report Details

Display limited to 2,000 reports in order of most recent. Displayed reports correspond to filter selections.

State/Territory: North Dakota
County: Hettinger

Date: 8/1/2022

How dry or wet is it? Near Normal

Conditions are normal or wet:
normal,soil_moisture_good,nonirrigated_crops_good

How much experience do you have with conditions there?
5-10 years

How many times in the past have you seen it like this?
Twice or more

When was it most recently like this?
2019

How localized or widespread are the conditions you are reporting?
County wide.

How are crop conditions at this time?
Good - Yield prospects are normal or above normal; moisture adequate with minimal damage.

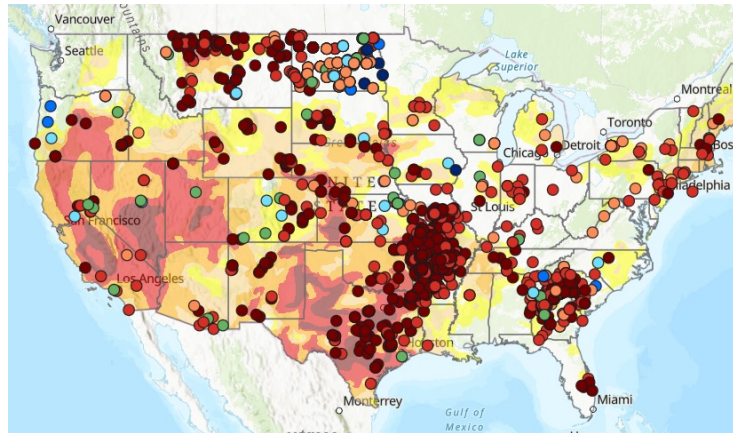
Planting Status:
Later than normal

Harvest Status:
Later than normal

How are range conditions at this time?
Good - Pastures are providing adequate feed supplies for the current time of year.

Conditions are normal or wet:
normal,soil_moisture_good,nonirrigated_crops_good

Submitted by: NDSU Extension



- Introduced by NDMC representatives
 - Offered education and training
 - Efficient for information exchange
- Initial pushback from agents
 - Education and outreach increased buy-in

Suggestions to Other States

- Recommended steps to improve drought impact reporting quality and frequency
 - Utilize CMOR tool
 - Communicate with Extension services
 - Educate agents
 - Offer training
 - Foster relationships between producers and Extension agents
 - Interagency collaboration

