



MNICS CONFERENCE CALL MINUTES

Below are links to the DNR Fire Danger Indices Maps. Be sure to check daily for updates.

Link to Fire Danger Indices Maps, Jack Pine Model:

http://www.dnr.state.mn.us/forestry/fire/maps/fdi_jackpine.html

Link to Fire Danger Indices Maps, Grass Model:

http://www.dnr.state.mn.us/forestry/fire/maps/fdi_grass.html

Link to Fire Danger Indices Maps, Mature Conifer Model:

http://www.dnr.state.mn.us/forestry/fire/maps/fdi_mature_conifer.html

Link to MN DNR Wildfire Information Center:

http://www.dnr.state.mn.us/forestry/fire/wildfirereports_tools.html

Large Incidents that have a Team assigned will be updated at: <http://mnics.org/wpress/>

DATE: October 18, 2022

Attending: Northwest Region: Blair Olson, Arthur Braun
Northeast Region: Dave Larson, Tom Lattimore
Central Region: Jim Wilson
SW Area: Taylor Schenk
St. Paul DNR: Allissa Reynolds, Larry Himanga, Lance Meyen
BIA: Cory Berg, Carl Crawford
USFS: Chase Marshall, Amber Jackson, Tracy Fifarek, Brian Wise, Ryan Kingsley, Ben Roy, Brian Jenkins, Nick Petrack, Angela Porter, Tony Harding
US-FWS: Mike Hill
NPS: Greg Carlson
HSEM: Kelvin McCuskey
CCM: Mary Hardel
National Weather Service: Eric Ahasic, Twin Cities
MIFC: Travis Verdegan, Rob Johnson, Darren Neuman, Ginger Humphrey, Jake Serfling, Diane Nygaard, Dan Olds, Mike McLaughlin, Tasha Woodwick, Leanne Langeberg

Incident Updates

There are currently no incidents.

Fire Environment Forecast (Travis Verdegan):

[FIRE BEHAVIOR FORECAST \(mnics.org\)](http://mnics.org)

[Fire and Smoke Map \(airnow.gov\)](http://airnow.gov)

The last planning period brought conditions that a great deal of stratification to the state from the south to NE. Cold temperatures and ample precipitation shut down fire activity for the latter half of the planning period and in the south little to no precip along with favorable fire weather brought an increased level of fire activity. A nearly full transition to fall fuels has occurred across the state with seasonal curing and leaf drop prominent in many fuel types.

This week looks to remain cold and dry for a few days before a warming trend coming in for the weekend. Along with that warming trend comes increasing chances for precip. Overall, we should continue to see fire activity being the strongest in the south and if the longer-term trends hold true, we could see fire season all but shut down in the NE.

CPC 6 – 10 and 8 – 14 Day Outlooks

The 6 – 10 day and 8 – 14-day outlooks are both showing better chances for slightly about normal temps and above normal precip, indicating a switch is possible from the drier precip deficit building pattern we've been in.

Drought Monitor

The drought monitor essentially held in place with only incremental change occurring across the map this week.

NFDRS

ERC – Y after showing indications of a stronger growing trend in the forecast last week has responded to precip we have received across the state and took a swing downward for a few days. With some drier conditions the last few days and more in the forecast the model has started trending back upward, but the ceiling of what is possible is dropping by the day.

BI – X has made its characteristic fall upswing driven by a drastic change in the modeled live fuel moisture due to low over night temps, and shorter day lengths.

CFFDRS

BUI – is doing a good job of demonstrating the differences we are seeing from north to south with very elevated values showing up in the southwest prairie.

A RAWS network outage has affected the currency of the most recent observations in the GLFF website. At the time of this writing the outage has been resolved, but the data has not been restored.

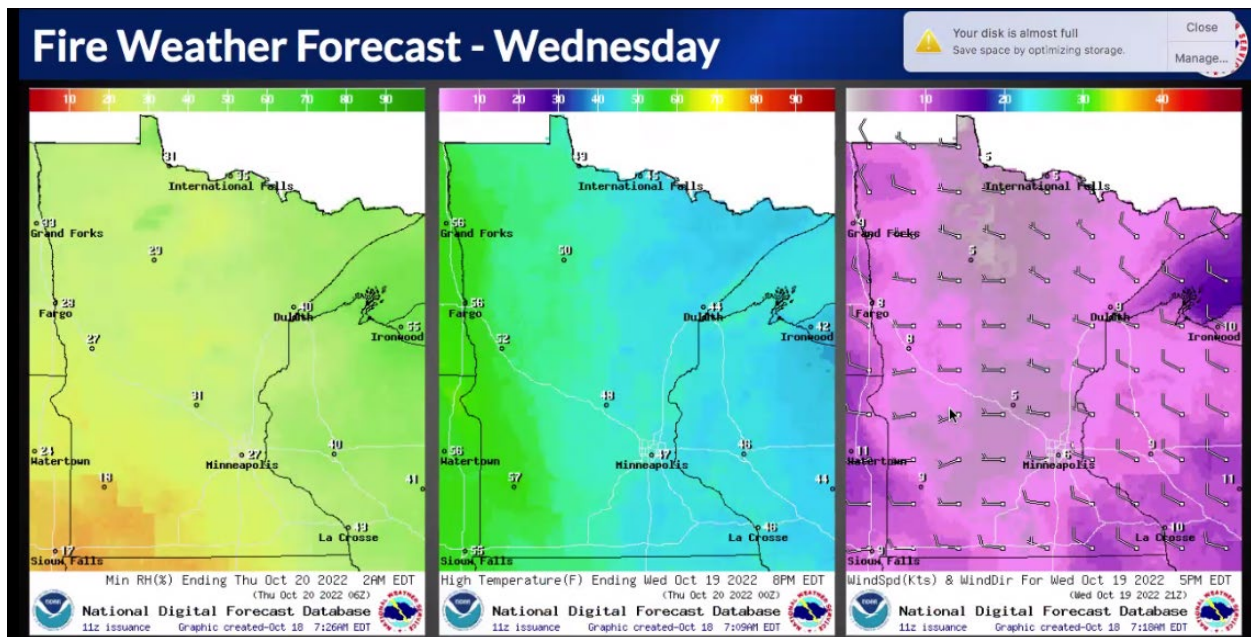
National Weather Service (Eric Ahasic)

Summary of Key Messages:

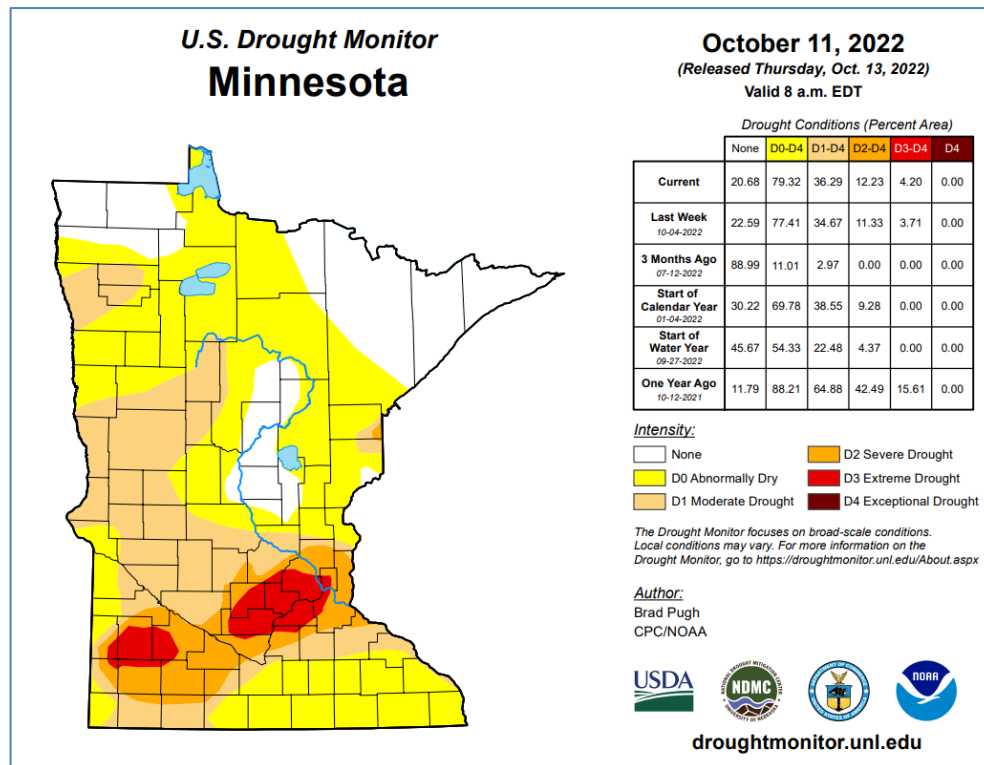
October 18, 2022
7:54 AM



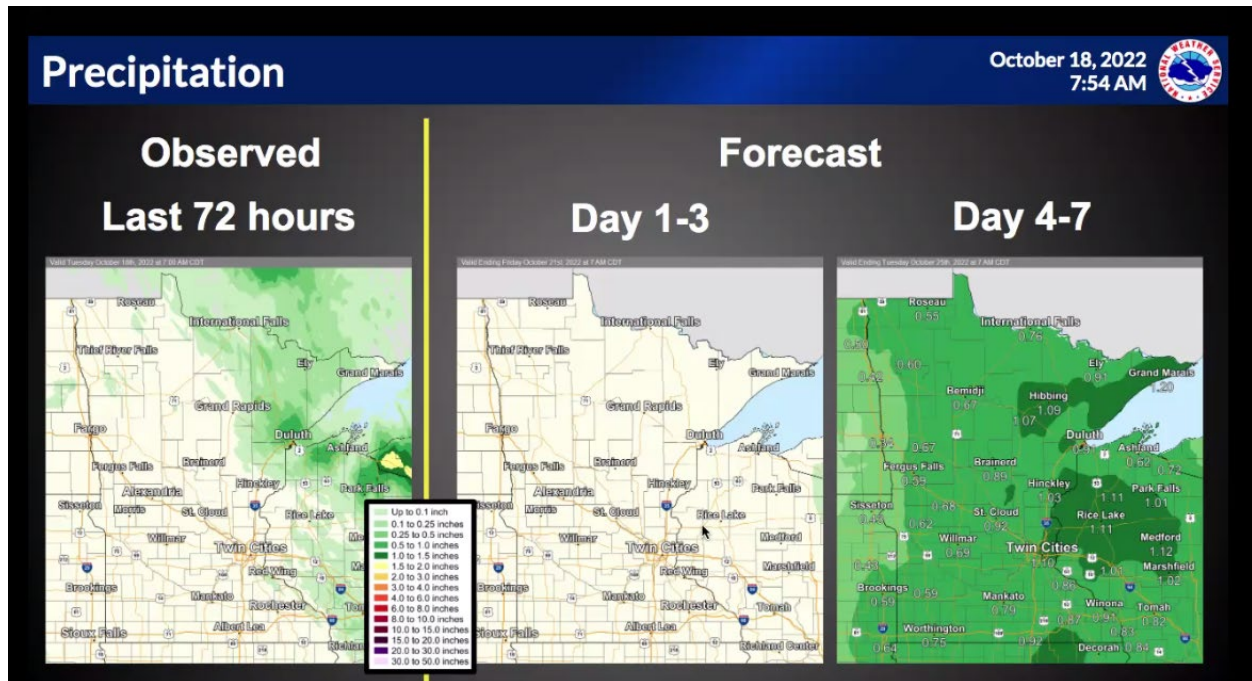
- Next chance for widespread precipitation comes Sunday through early next week.
- Temperatures gradually warm through the week, back to above-normal temperatures by the weekend
- Dry RH values Wednesday but winds will be light



Drought Monitor



Precipitation



Day 4-7 is more like Days 6 and 7 (Monday and Tuesday) when the most precipitation will occur.

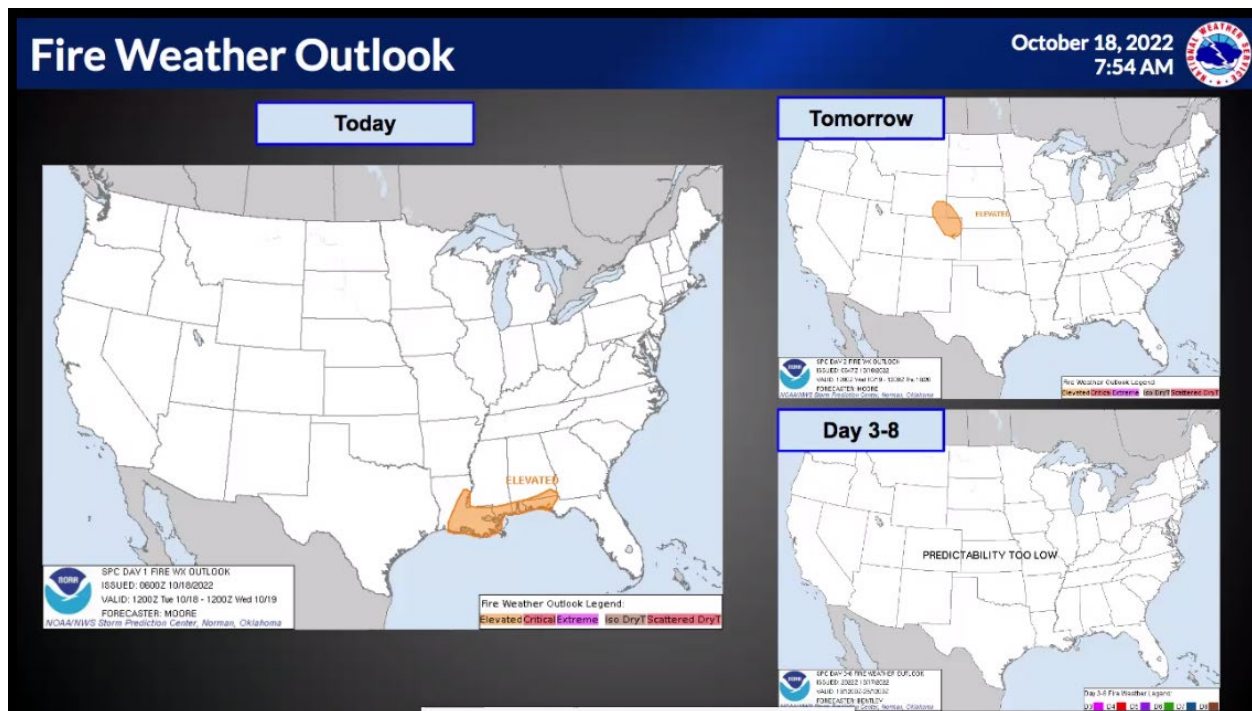
Weekly RH/Wind Forecast

	Tue Oct 18	Tue Oct 18	Wed Oct 19	Wed Oct 19	Thu Oct 20	Thu Oct 20	Fri Oct 21	Fri Oct 21	Sat Oct 22	Sat Oct 22
Minimum RH Forecast										
	10/18	10/19	10/20	10/21	10/22	10/23	10/24	10/25	Minimum	
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue		
Bemidji	45	27	63	57	51	60	73	67	27	
Brainerd	36	27	54	55	49	60	68	62	27	
Duluth	46	39	55	59	57	67	77	68	39	
Ely	54	43	60	68	52	64	77	70	43	
Fergus Falls	38	28	59	49	42	52	65	60	28	
Grand Portage	59	38	53	64	63	72	74	68	38	
Grand Rapids	42	32	63	68	57	70	80	73	32	
International Falls	50	36	68	68	57	67	77	70	36	
Mankato	36	21	46	43	37	49	59	58	21	
Marshall	28	17	39	38	29	39	50	49	17	
Rochester	36	28	43	41	40	54	62	61	28	
Roseau	35	32	65	57	54	60	79	67	32	
Saint Cloud	38	30	52	55	42	54	68	63	30	
Seagull Lake (BWCAW)	54	48	60	71	61	72	80	73	48	
Thief River Falls	32	30	63	52	47	54	70	64	30	
Twin Cities	41	28	49	49	41	54	64	64	28	
Worthington	28	18	40	37	34	42	56	54	18	

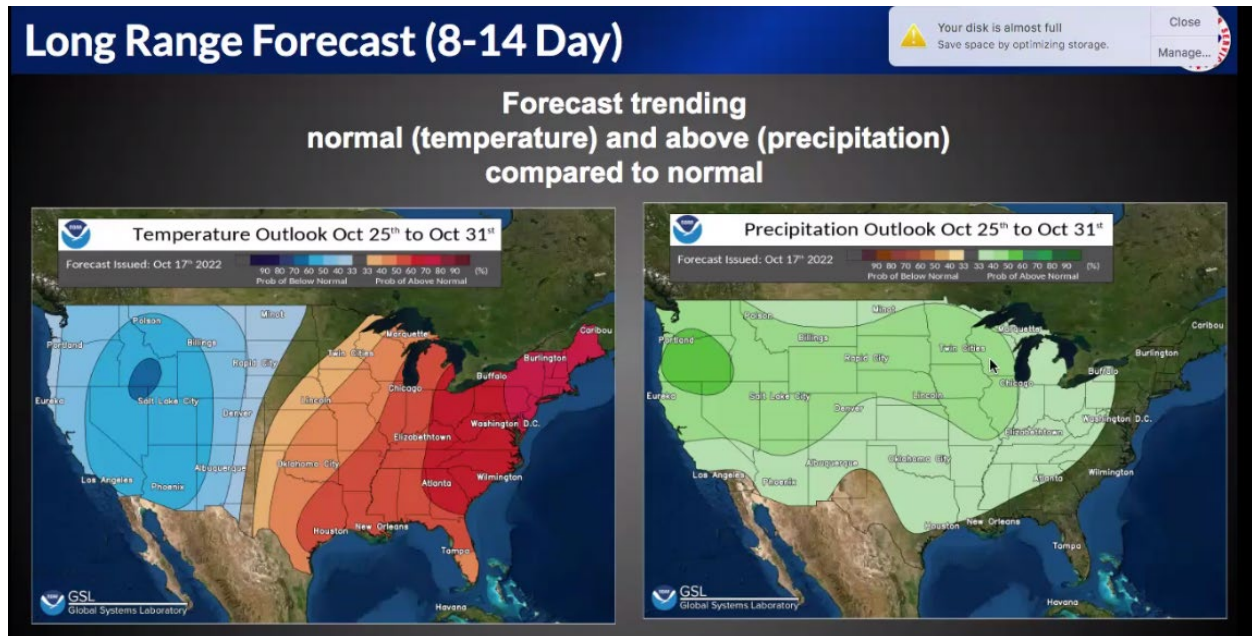
Maximum Wind Gust Forecast & Max Direction									
	10/18	10/19	10/20	10/21	10/22	10/23	10/24	10/25	Maximum
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	
Bemidji	17↘	13↘	13↘	24↘	24↘	26↘	23↘	25↘	26
Brainerd	21↓	15↘	13↘	23↘	22↘	28↘	31↘	24↘	31
Duluth	24↓	17↘	16↘	23↘	17↘	20↘	28↘	25↘	28
Ely	23↓	18↘	13↘	22↘	14↘	23↘	28↘	22↘	28
Fergus Falls	16↓	16↘	15↗	22↘	26↘	26↘	26↘	26↘	26
Grand Portage	39↘	28↘	17↘	24↘	13↘	15↘	24↘	24↘	39
Grand Rapids	21↓	14↘	13↘	21↘	17↘	24↘	30↘	22↘	30
International Falls	18↓	14↘	15↗	22↘	18↘	22↘	24↘	22↘	24
Mankato	22↘	14↘	16↘	20↘	23↘	33↘	32↘	22↘	33
Marshall	21↘	14↘	15↘	23↘	24↘	30↘	30↘	25↘	30
Rochester	24↘	20↘	16↘	22↘	22↘	33↘	35↘	25↘	35
Roseau	10↓	14↘	17↘	25↘	23↘	24↘	24↘	24↘	25
Saint Cloud	21↘	13↘	15↘	21↘	23↘	26↘	31↘	25↘	31
Seagull Lake (BWCAW)	26↓	23↘	14↘	23↘	15↘	23↘	28↘	24↘	28
Thief River Falls	13↓	15↘	18↘	28↘	24↘	24↘	25↘	25↘	28
Twin Cities	22↘	16↘	14↘	20↘	22↘	26↘	31↘	24↘	31
Worthington	21↓	16↘	17↘	20↘	23↘	32↘	31↘	23↘	32

*Table values in mph
 **Created: 8 am CDT Tue 10/18/2022

Fire Weather Outlook



Long Range Forecast



Situation Update

Northwest Region (Blair Olson): A small fire was reported. No needs.

Northeast Region (Dave Larson): No fires reported, no needs.

Central Region (Jim Wilson): Six fires were reported. The largest fire was at White Water Wildlife Management Area. No needs.

SW Area (Taylor Schenk): Two fires on state land were reported. There have been several Ag fires; peat involved in some. Would like CCM crews on call through the weekend.

USFS (Chase Marshall): A small fire was reported. No needs. They are assisting Ohio and Missouri with engines.

BIA (Cory Berg): Three fires for less than an acre were reported. No needs.

US Fish and Wildlife (Mike Hill): No fires reported. Prescribed burns are planned as conditions allow.

NPS (Greg Carlson): No fires reported. No needs.

HSEM (Kelvin McCuskey): The IMT has returned from Florida. It was a good assignment. No needs.

CCM (Mari Hardel): A 5-person crew from Mankato and a 2-person crew from Brainerd are ON CALL.

Aircraft (Jake Serfling): No air requests over the past week.

[MN Aircraft Status Report](#) | [Minnesota DNR \(state.mn.us\)](#)

Planning Levels: State: 2 with Central Region and SW area at PL3 / Eastern Area: 1 / National: 2

Additional Resources List Activation? CCM crews on call through the weekend.

Regulations, Restrictions, Priorities: Over the past week, there were some Red Flag Warnings over SW MN and burning restrictions were enforced. Burning restrictions are enforced locally via ELS (Electronic Licensing System)

Logistics (Tasha Woodwick): Eight engines are assigned out of state and 15 Overhead are assigned out of state. The Eastern Area IMT is mobilizing to Oregon

The NW portion of the country is dry, and IA is increasing. Miscellaneous Overhead positions are needed, especially Felling Bosses, Security and Dozer IA.

MNCC Duty Officer: Ginger Humphrey
MNCC Duty Officer Number: 218-322-2707

- 218-322-2738 **Center Manager** – **Mike Mackey** is out of the office attending D-510.
Steve Radaj from WI-WICC is acting center manager in his absence this week.
- 218-327-4582 **Aviation** - **Anna Hines, ACM**, is out of the office attending D-510.
Jake Serfling is staffing the air desk.
- 218-327-4175 **Operations** – **Angela Porter, Lead**
- 218-322-2700 **Logistics** – **Natasha Woodwick, ACM**, is out of the office working on the D-510 Cadre. **Ginger Humphrey is staffing Logistics.**
- 218-322-2745 **Intelligence** – **Diane Nygaard**
- 218-322-2739 **Information** – **Leanne Langeberg**

MNICS IMT Team on Rotation: B

NOTE: The Cache crew has been working on refurbishing items that have been returned. Please return items to the cache as soon as possible. If there are items unused, please call the Cache to ensure the items are protected from the weather during transit/shipping back to the Cache.

The next MNICS conference call will be at 0900 on Tuesday, October 25, 2022

For more information see <http://www.dnr.state.mn.us/forestry/fire/index.html>

Notes by: Diane Nygaard