



# Spring Flood Outlook #3

March 10, 2022  
3:34 PM

Potential for Spring Flooding across northeast Minnesota and northwest Wisconsin

## Key Messages

- The spring flooding potential is higher than normal in northern Minnesota and normal for Northern Wisconsin
- There is a higher than normal chance of flooding on the Mississippi river at Aitkin and Ft. Ripley

## **NEW** Important Updates

- Above normal precipitation in MN and NW WI has **INCREASED** flood chance

## Next Scheduled Briefing

- This is the Final Outlook

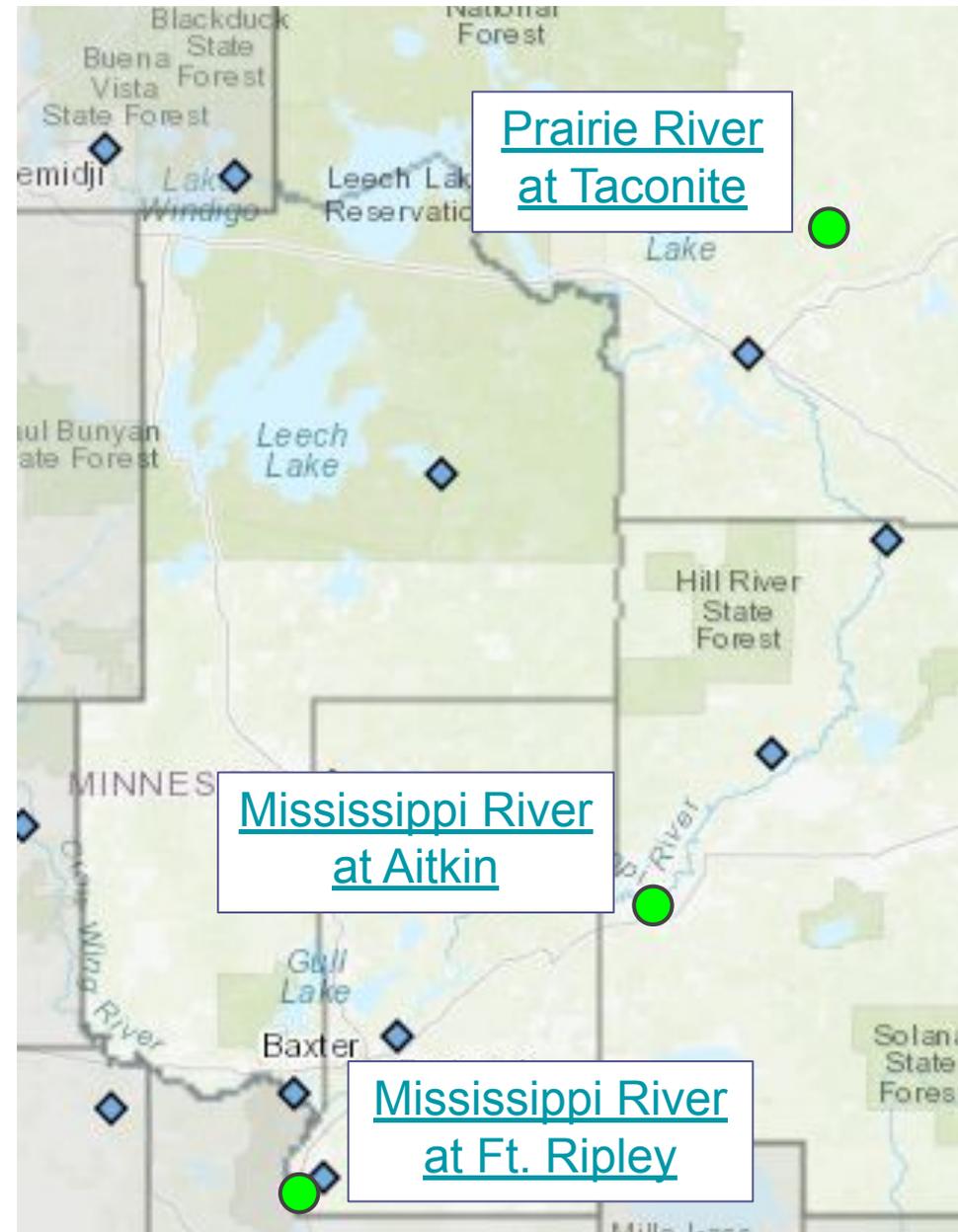
Threat	Impact to Potential Spring Flooding	Link to Image(s)
High river levels	<b>Neutral</b>	<a href="#">USGS WaterWatch MN WI</a>
High soil moisture	<b>Neutral</b>	<a href="#">CPC Soil Moisture</a>
Observed Winter Precipitation	<b>Above Normal in N. MN and WI South Shore</b>	<a href="#">Last 90 days of Precip.</a>
Snowpack/ Liquid Equivalent	<b>Elevated in N. MN and NW WI</b>	<a href="#">Snow Analysis</a> <a href="#">MN Snow Depth Ranking</a>
Rate of Snowmelt	<b>To be determined</b>	<a href="#">24, 48, &amp; 72 hr Snowmelt</a>
Frost Depth	<b>To be determined</b>	<a href="#">Frost Depth Map</a>
Spring Precipitation	<b>To be determined</b>	<a href="#">1-7 day Total</a> <a href="#">6 to 10 Day</a> <a href="#">8 - 14 Day</a> <a href="#">30 Day</a>



# Mississippi River Headwaters

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## Spring Flood Outlook



Point	Flood Stage	Chance of Minor Flood	Chance of Moderate Flood
Prairie River at Taconite	10 ft.	<5%	<5%
Mississippi River at Aitkin	13 ft.	75%	56%
Mississippi River at Ft. Ripley	10.5 ft.	82%	39%

*Click on river name for detailed forecast*

### View Interactive Map:

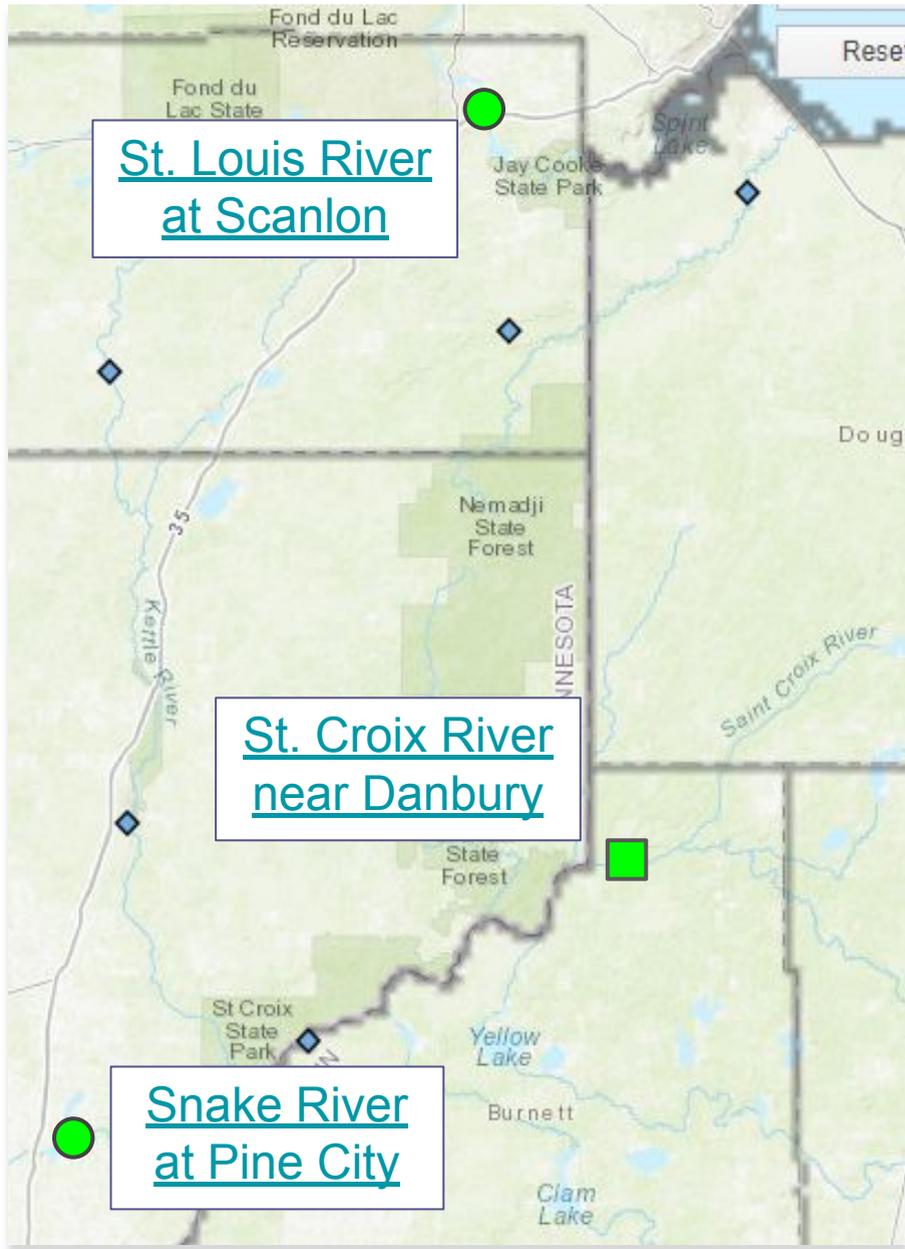
- [River Observations](#)
- [Short-Term River Forecasts](#)
- [Long-Range River Flood Risk](#)



# St. Louis, St. Croix, and Snake Rivers

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## Spring Flood Outlook



Click on river name for detailed forecast

Point	Flood Stage	Chance of Minor Flood	Chance of Moderate Flood
St. Louis River at Scanlon	10.5 ft.	8%	<5%
St. Croix River near Danbury	7 ft.	<5%	<5%
Snake River at Pine City	9 ft.	<5%	<5%

### View Interactive Map:

- [River Observations](#)
- [Short-Term River Forecasts](#)
- [Long-Range River Flood Risk](#)

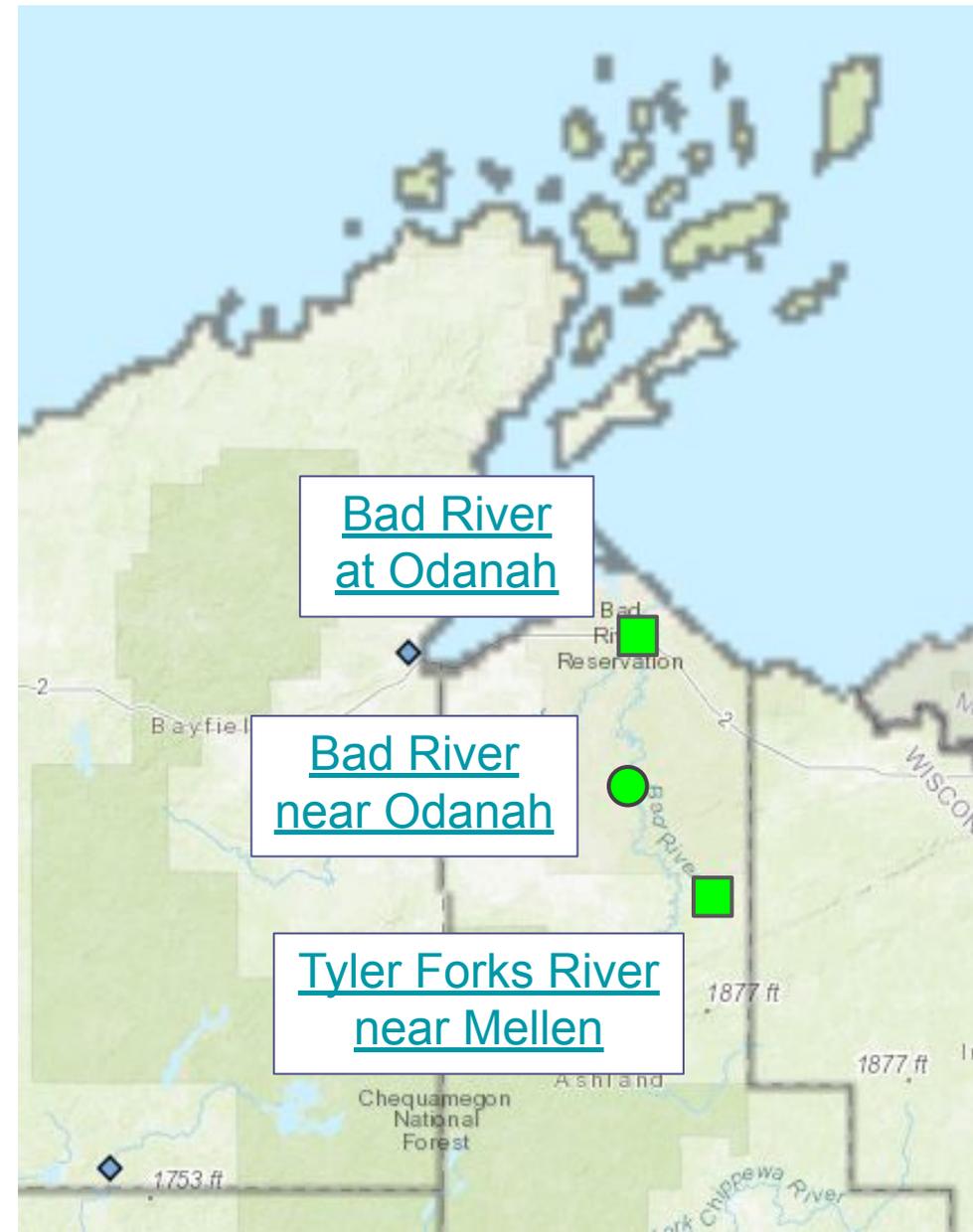


# Bad River Basin

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## Spring Flood Outlook

Point	Flood Stage	Chance of Minor Flood	Chance of Moderate Flood
Bad River at Odanah	8.5 ft.	<5%	<5%
Bad River near Odanah	16.0 ft.	<5%	<5%
Tyler Forks River near Mellen	9.0 ft.	64%	35%



### View Interactive Map:

- [River Observations](#)
- [Short-Term River Forecasts](#)
- [Long-Range River Flood Risk](#)

*Click on river name for detailed forecast*

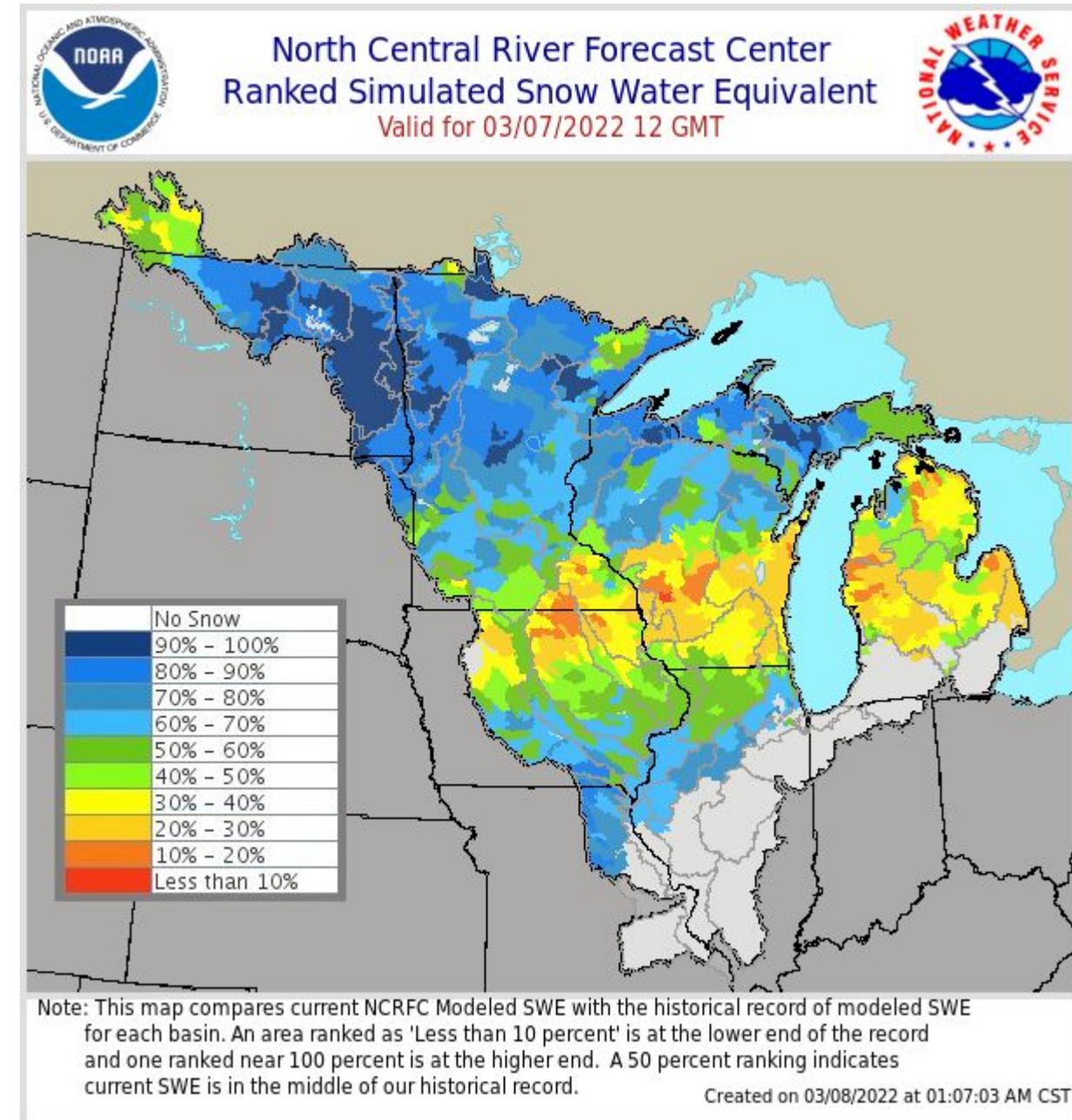


# Key Points

## Spring Flood Outlook

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- Above normal snowpack in northern Minnesota has increased potential for minor flooding in the Mississippi Headwaters.
- High water content exists in the Lake Superior Basin.
- Frozen ground may increase runoff efficiency but is dependant on rate of snow melt.
- Break up ice jam flooding is possible.
- The amount of snowmelt and frequency, intensity and extent of spring rainfall will ultimately determine the final outcome of flood risk for this Spring.





# Preparing for Spring Flooding

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## Spring Flood Outlook

- ✓ In the home, be prepared to deal with spring flooding by being sure you have a functioning sump pump and a back up.
- ✓ Have enough food and water in your home to last at least 3 days if flood waters cause road access to be cut off.
- ✓ Know your alternate routes if flooding causes roads to be closed. Always heed road closure signs!
- ✓ Consider buying flood insurance. Flood insurance takes 30 days to go into effect and just 1 inch of flooding can cause more than \$25k in damage to your home. More information: <https://www.floodsmart.gov/>

### Flood Forecast and Warning Resources:

- [Current River Level Observations](#)
- [Short-Term River Forecasts](#) (1-7 day forecast)
- [Long-Range River Flood Risk](#) (3-month outlook)
- [NWS Duluth Website](#)
- [NWS North Central River Forecast Center\(NCRFC\)Website](#)
- [NCRFC Spring Flood Outlook Website](#)

**Snowmelt can lead to floods. Don't flake on insurance.**

**GET FLOOD INSURANCE**

FEMA NATIONAL FLOOD INSURANCE PROGRAM

