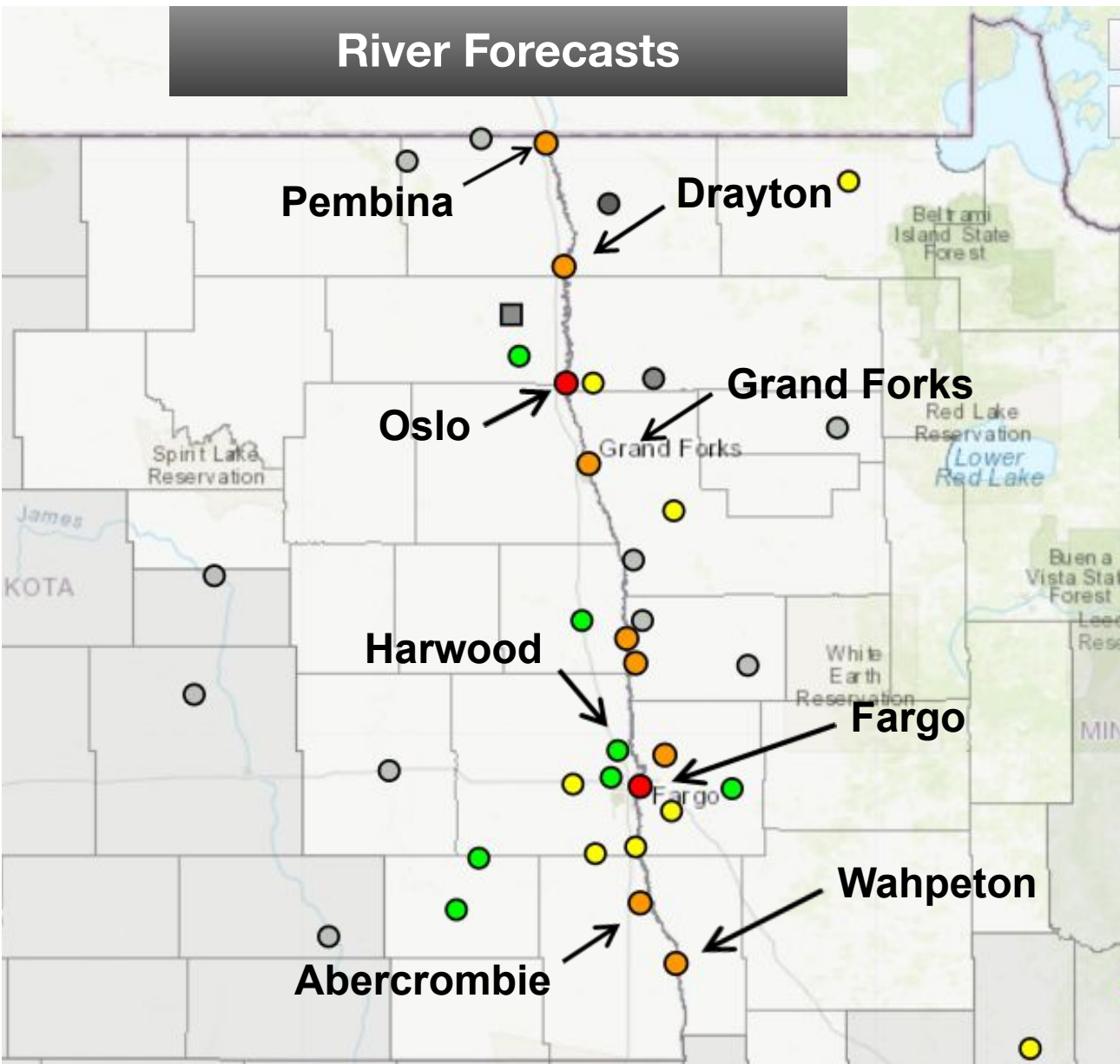




Minor to Moderate Flooding

River Forecasts



Major Flooding
Moderate Flooding
Minor Flooding
Near Flood Stage
No Flooding
Observations Are Not Current
Out of Service

Key Messages

- Most MN and ND tributaries have crested or are near cresting. Wahpeton on the mainstem Red has also crested with most points further north forecast to crest early to mid next week.
- Melt continues to create very little overland flooding issues although portions of the far northern basin still have some remaining snowpack.
- There is the potential for a system to impact the region mid-week next week. At this time, there are several scenarios that could play out: a stronger, colder system with accumulating snowfall; a weaker, warmer system with rain/snow and lower precipitation amounts; or any combination thereof.





Minor to Moderate Flooding



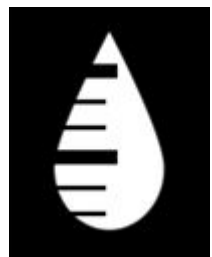
Impacts:

- A few township and county roads closed due to water over roads in both Minnesota and North Dakota.
- Currently minimal overland flooding due to soil absorption.



Basins Impacted:

- *Red River Mainstem:* Wahpeton has crested with most points further north expected to crest early to mid next week. Mostly minor flooding with Oslo and Fargo expected to reach into moderate flood levels.
- *MN Tributaries:* All points have crested with the exception of Dilworth and Hendrum. Dilworth will crest by the weekend in the minor flood category. Hendrum may crest just shy of minor flood stage this weekend. Elsewhere, river levels are on their way down and/or well below action stage.
- *ND Tributaries:* All points have crested and are on their way down and/or remain well below action stage.

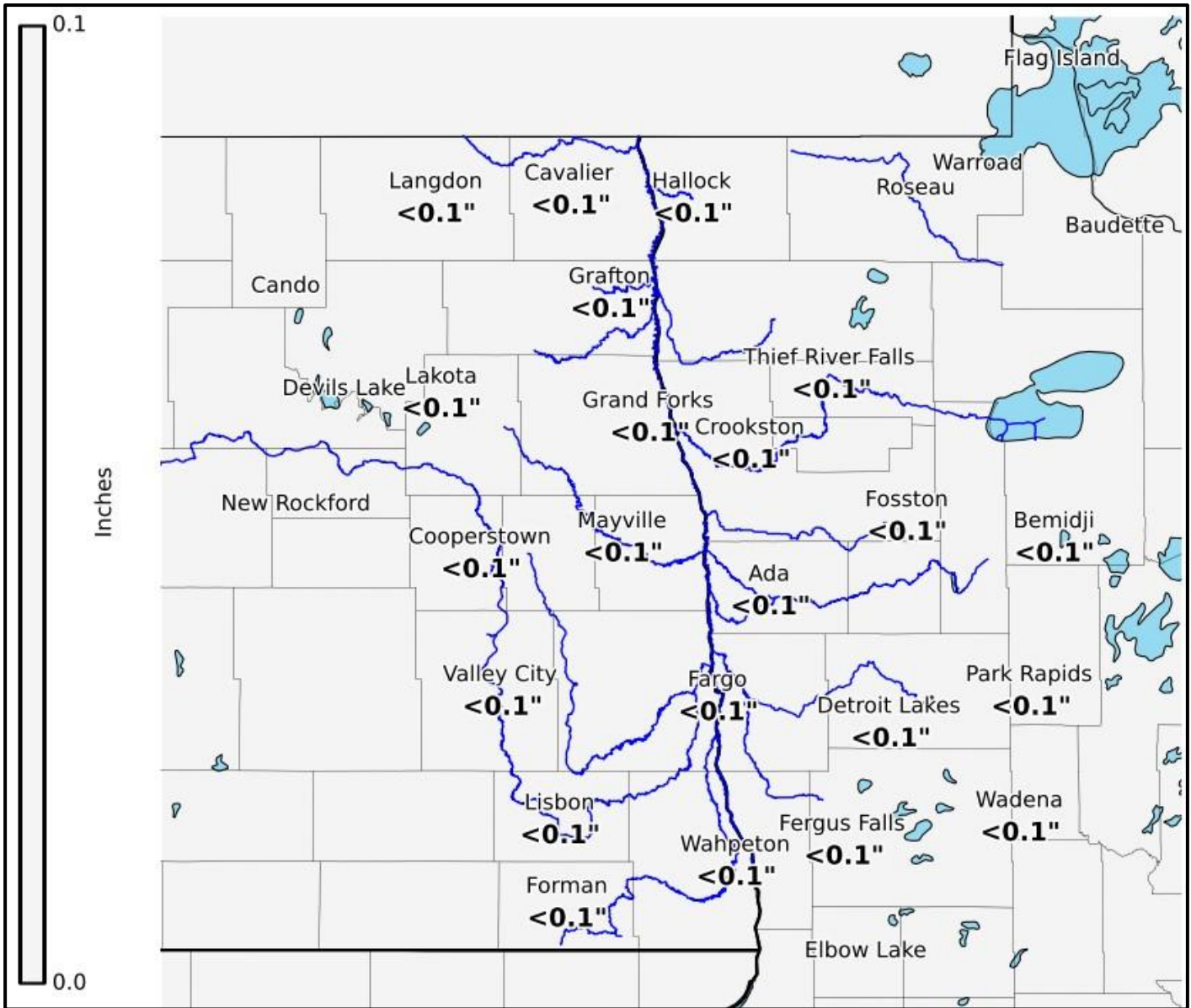


Upcoming Weather and Potential River Impacts:

- There is the potential for a system to impact the region mid-week next week. At this time, there are several scenarios that could play out: a stronger, colder system with accumulating snowfall; a weaker, warmer system with rain/snow and lower precipitation amounts; or any combination thereof.
- Any rainfall that occurs on frozen ground (with saturated top layers of soil due to snowmelt) may exacerbate any remaining overland flooding issues and prolong high river levels.
- Any snowfall that occurs will not immediately impact river levels.
- This system will occur after tributaries have receded and return to more normal river levels while portions of the mainstem Red are still cresting or nearing crest.
- Today's river forecasts do not incorporate next week's potential precipitation. Stay tuned for forecast updates.



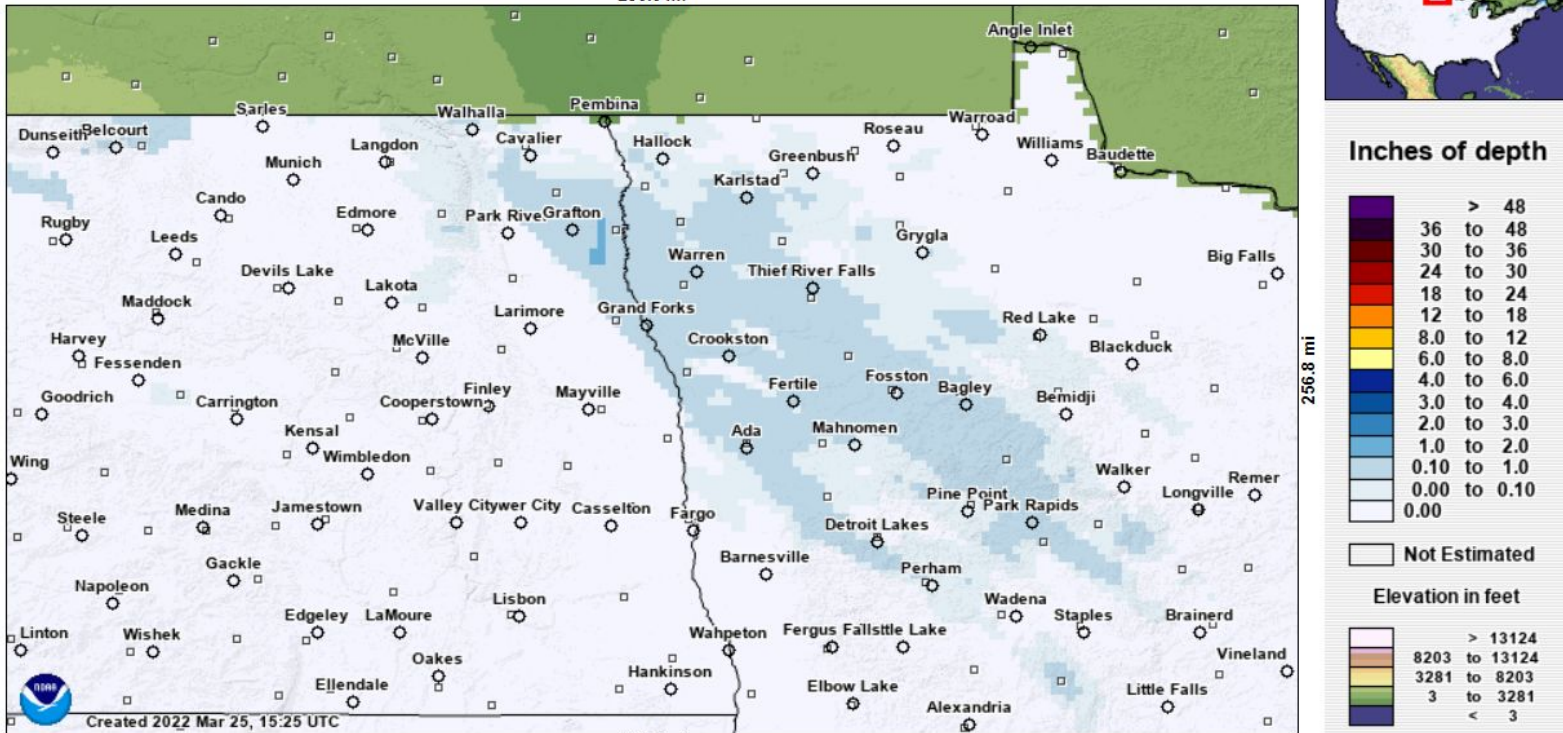
Recent Precipitation included in the River Model (7 AM March 24 through 7 AM March 25)





Estimated Snowfall Totals (7 AM March 24 through 7 AM March 25)

National Snowfall Analysis during 24h preceding 2022 March 25, 12:00 UTC



Some areas across the basin saw accumulating snowfall Thursday night and early Friday morning. However, amounts through 7 am Friday morning were minor and generally less than one inch. Snow water equivalent with this snowfall was negligible and is not expected to impact current or forecast river levels.



7-Day Temperature Outlook

Day of the Week	Highs	Lows (Overnight)
Friday, March 25	29 - 43	4 - 17
Saturday, March 26	17 - 33	-2 - 15
Sunday, March 27	21 - 37	9 - 25
Monday, March 28	31 - 49	21 - 33
Tuesday, March 29	33 - 46	20 - 26
Wednesday, March 30	33 - 42	16 - 22
Thursday, March 31	33 - 43	15 - 25





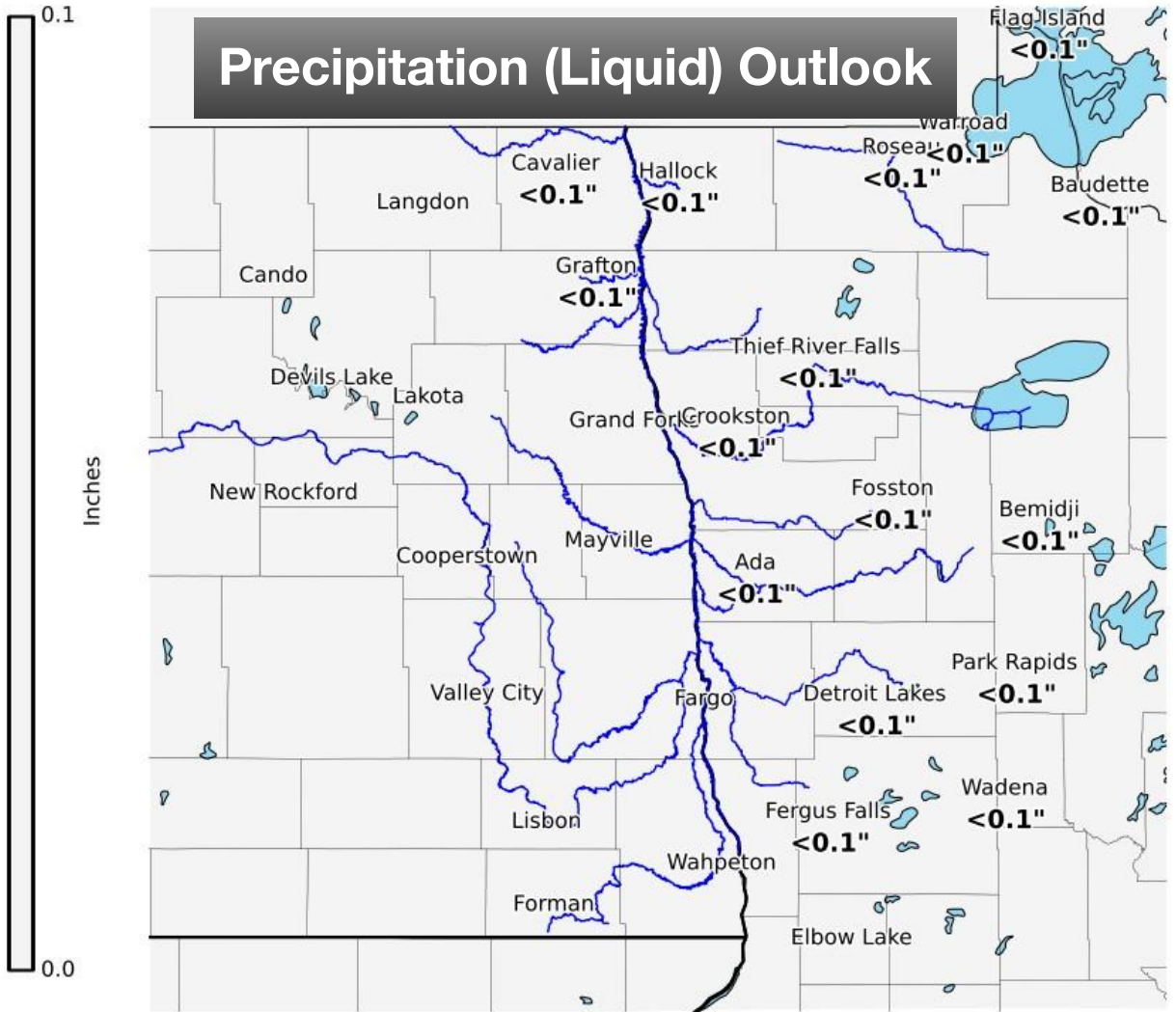
2022 Spring Flood Update

3/25/2022
12:52 PM

Minor to Moderate Flooding

Forecast precipitation included in today's river forecasts

(7 AM March 25th to 7 AM March 27th)



Precipitation amounts beyond the river model forecast precipitation period are denoted by low, medium, or high chances of receiving the amounts indicated below.

Date	Type	0.01 - 0.25"	0.26 - 1.00"	1.00" +
Sunday, March 27th	None	-	-	-
Monday, March 28th	None	-	-	-
Tuesday, March 29th	Rain/Snow	Medium	Low	-
Wednesday, March 30th	Rain/Snow	Medium	Low	-
Thursday, March 31st	Rain/Snow	Medium	Low	-
Friday, April 1st	Rain/Snow	Low	-	-

High	100%
Medium	70%
Low	40%
	10%



Minor to Moderate Flooding

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Quick facts you should know about flooding:

- Flooding can be caused by heavy rain, rapid snow melt, ice jamming, levee overtopping, dam failure, or from wastewater systems.
- It only takes six inches of fast-moving water to knock you off your feet
- A car can be moved in as little as two feet of water.
- 90% percent of all U.S. natural disasters declared by the President involve flooding.

Preparedness:

- ***Know your risk:*** Are you in a flood-prone area? Know your zone:
<https://www.fema.gov/glossary/flood-zones>
- You must purchase separate flood insurance for your home. There is a 30-day waiting period between when you buy a flood insurance policy and when it goes into effect.

[NWS Grand Forks Webpage](#)
[NWS Grand Forks River Observation/Forecast Page](#)



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