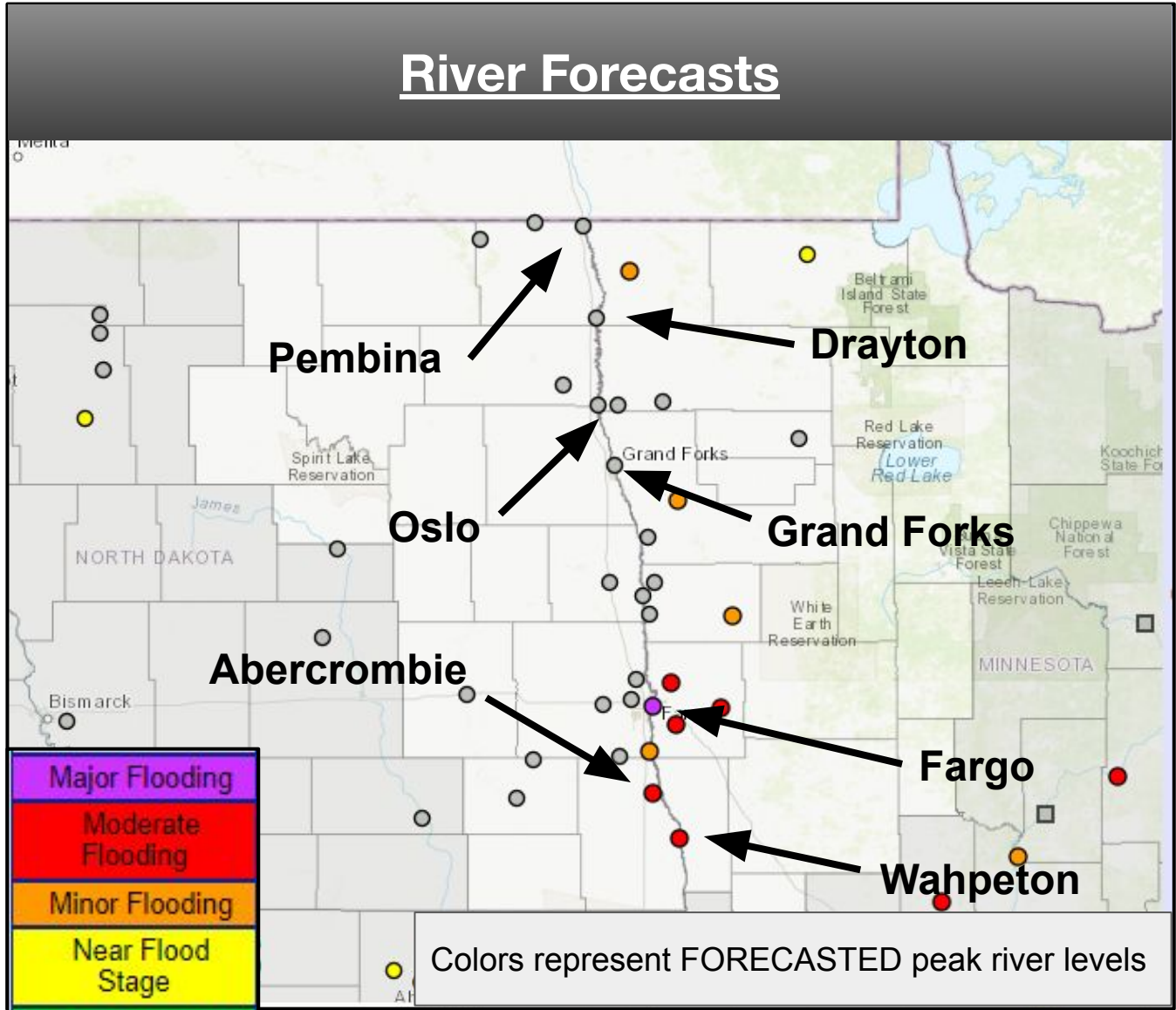




Rivers Responding



Key Messages

- Snowmelt continues across the basin.
- Precipitation chances increase today lasting into the weekend. Current river forecasts do not encompass all forecast precipitation at this time so impacts to river levels are still uncertain.
- River responses will become more widespread in the coming days. The rate of rise and ultimate crest remains uncertain due to the rate of ongoing snowmelt runoff, anticipated rain/snow, and colder temperatures in the forecast.
- Overland flooding has also begun in some locations across the southern Red River Valley. Overland flooding impacts are expected to increase through the next week.





Basin Details:

- *Red River Mainstem:*
 - **Southern Mainstem:** Melt has been delayed from within the basin and upstream contributing basins. Crest heights remain uncertain and may not be in the 7-day forecast window at this time.
 - **Central/Northern Mainstem:** Rises are expected with the anticipated warm period but no flood thresholds are expected to be crossed in the next 7 days (hence no forecasts yet for these areas).
- *MN Tributaries:*
 - **Southern Tributaries:** Due to the potential for high variability in forecast temperatures, there is a fair amount of uncertainty with crest forecasts.
 - **Northern Tributaries:** Rises are expected over the next 7 days. Flooding thresholds look to be met at a handful of points across the weekend and into early next week, but uncertainty in crest levels remains.
- *ND Tributaries:*
 - **Southern Tributaries:** Melt within this basin has been slightly delayed but is expected to increase.
 - **Northern Tributaries:** Rises are expected but no flood thresholds are expected to be crossed in the next 7 days (hence no forecasts yet for these areas).

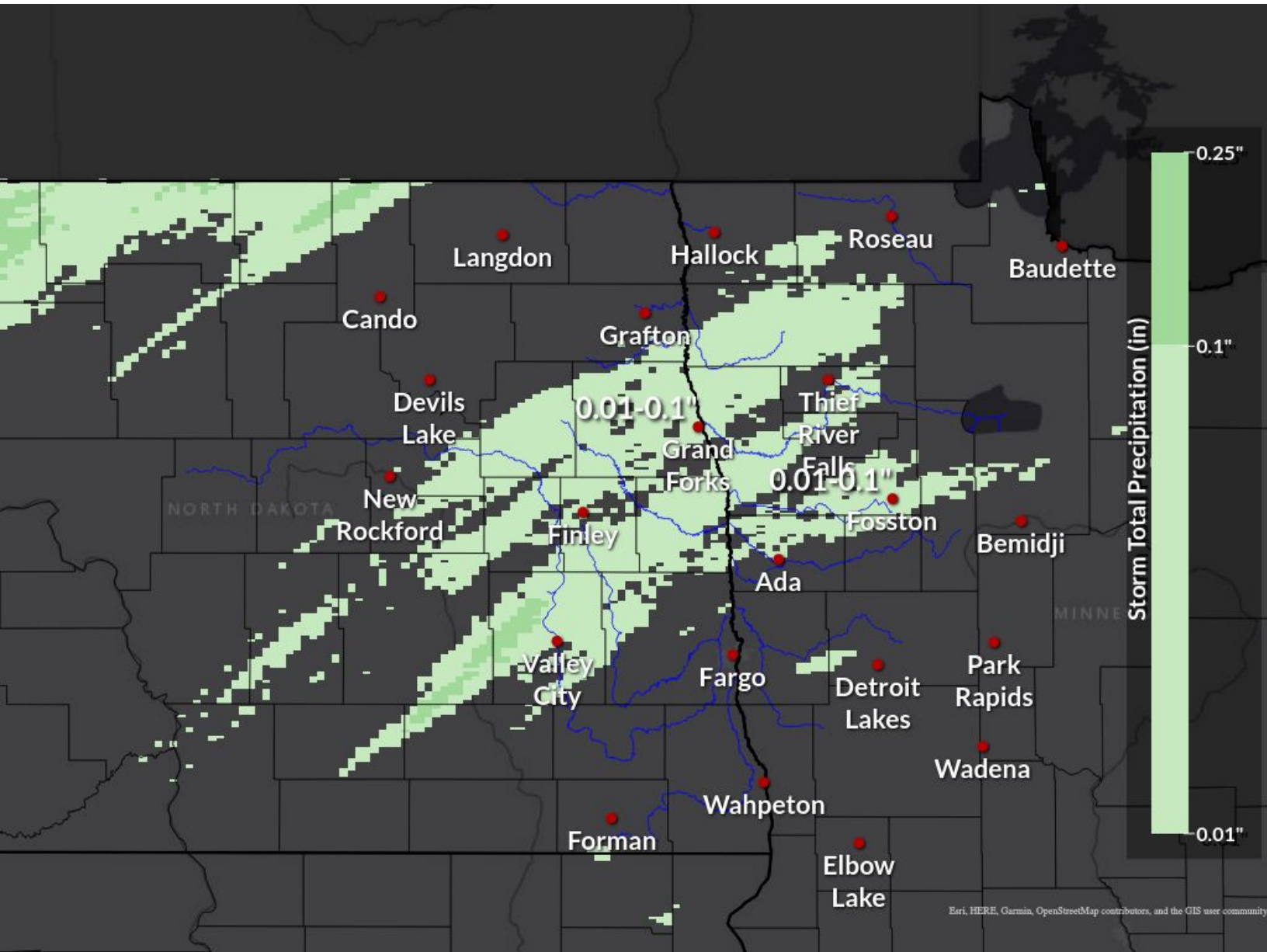


Snowmelt Continues

4/13/2023
11:19 AM

Rivers Responding

**Observed precipitation over the past 24 hours
(7 AM Wed April 12th through 7 AM Thu April 13th)**





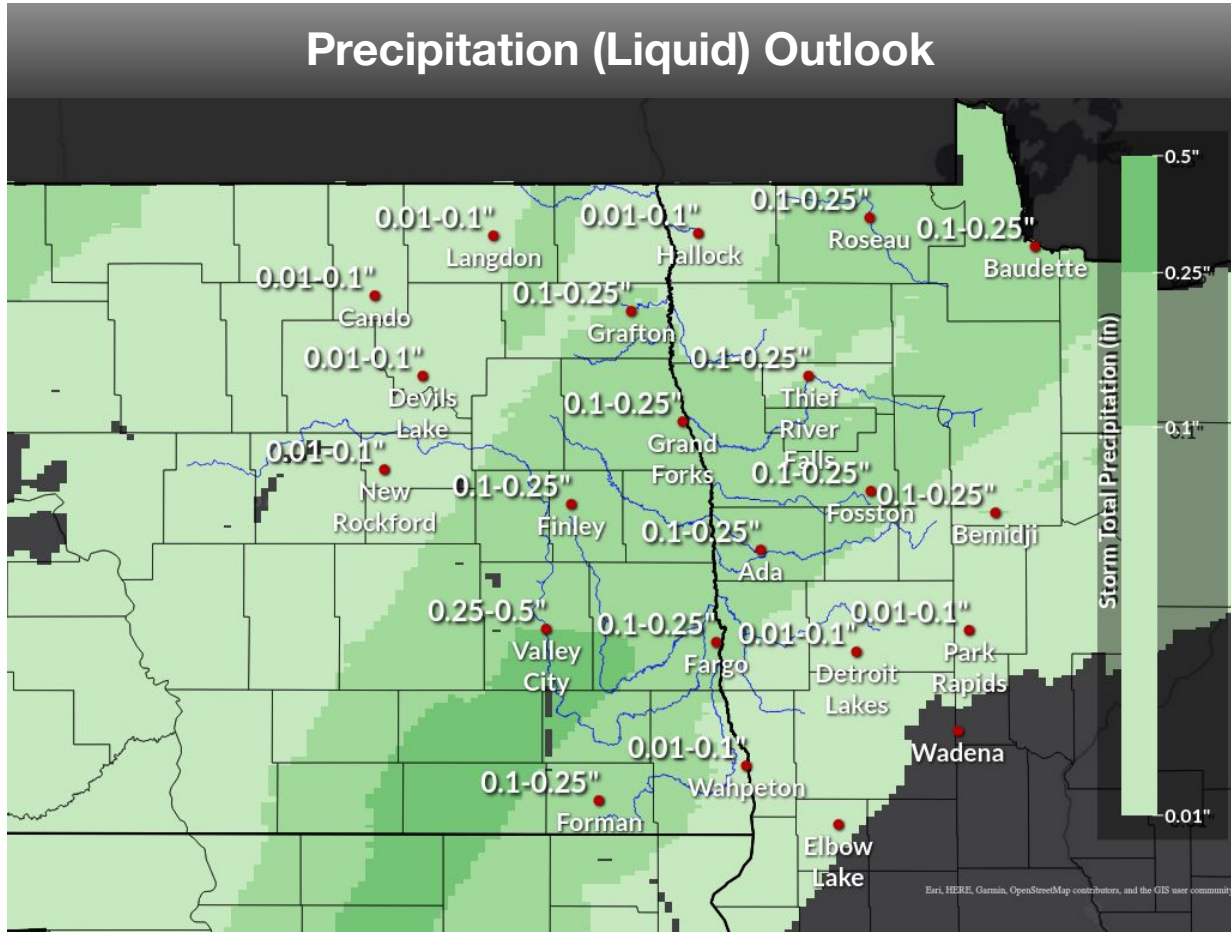
Snowmelt Continues

4/13/2023
11:19 AM

Rivers Responding

Forecast precipitation included in today's river forecasts

(7 AM April 13th to 7 AM April 14th)



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

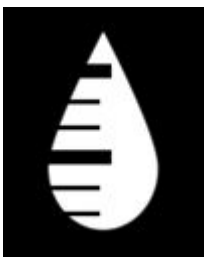
Legend	Date	Type	0.01 - 0.25"	0.26 - 0.50"	0.51 - 1.00"	1.00" +
100% High	Fri, April 14	T-storms/Rain	High	Medium	Low	-
70% Medium	Sat, April 15	T-storms/Rain	High	Medium	Low	-
40% Low	Sun, April 16	T-storms/Rain/Snow	Low	Low	Low	-
10%	Mon, April 17	-	-	-	-	-
	Tue, April 18	Rain/Snow	Low	-	-	-
	Wed, April 19	Rain/Snow	Medium	Low	Low	-



7-Day Temperature Outlook

Forecasted temperatures will depend on how much snowpack remains

Day of the Week	Highs	Lows (Overnight)
Friday, April 14	40 - 65	20 - 35
Saturday, April 15	30 - 45	15 - 30
Sunday, April 16	35 - 45	15 - 25
Monday, April 17	40 - 50	20 - 30
Tuesday, April 18	45 - 60	30 - 40
Wednesday, April 19	45 - 60	25 - 35
Thursday, April 20	40 - 55	25 - 35



Upcoming Weather and Potential River Impacts:

- Rapid melting will continue due to ongoing above freezing high temperatures.
- Chances for precipitation continue today and into the weekend. Several scenarios still exist, including rain or snow with varying amounts. Thunderstorms also remain a potential scenario, although coverage is uncertain.
- Another round of precipitation will be possible early to mid next week, but high uncertainty in impacts remain.
- Precipitation impacts to river levels are possible but exact responses remain uncertain at this time.



Key Messages

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- River responses will become more widespread in the coming days. The rate of rise and ultimate crest remains uncertain due to the rate of ongoing snowmelt runoff, anticipated rain/snow, and colder temperatures in the forecast.
- Overland flooding has also begun in some locations across the southern Red River Valley. Overland flooding impacts are expected to increase through the next week.

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.

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