

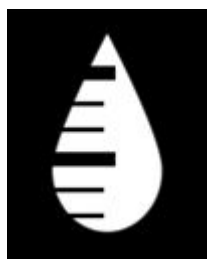
Key Messages

- Snowmelt continues across the basin.
- Precipitation chances increase beginning Thursday and lasting through 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. Melting has delayed initial river rises but flooding is still expected to begin across the southern Red River mainstem, Wild Rice River (ND), and the Buffalo River over the next seven days.
- 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.



Basins Impacted:

- *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 future warm up period but no flood thresholds are expected to be crossed in the next 7 days (hence no forecasts yet for these areas).
- *MN Tributaries:*
 - **Buffalo River:** Due to the potential for high variability in forecast temperatures, there is a fair amount of uncertainty with crest forecasts.
 - **Other MN 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).
- *ND Tributaries:*
 - **Wild Rice River (ND):** Melt within this basin has been slightly delayed but is expected to increase. The initial snowmelt rise is expected to level off near moderate flood stage but with a second rise expected later in the month possibly approaching major flood stage.
 - **Other ND 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).



Upcoming Weather and Potential River Impacts:

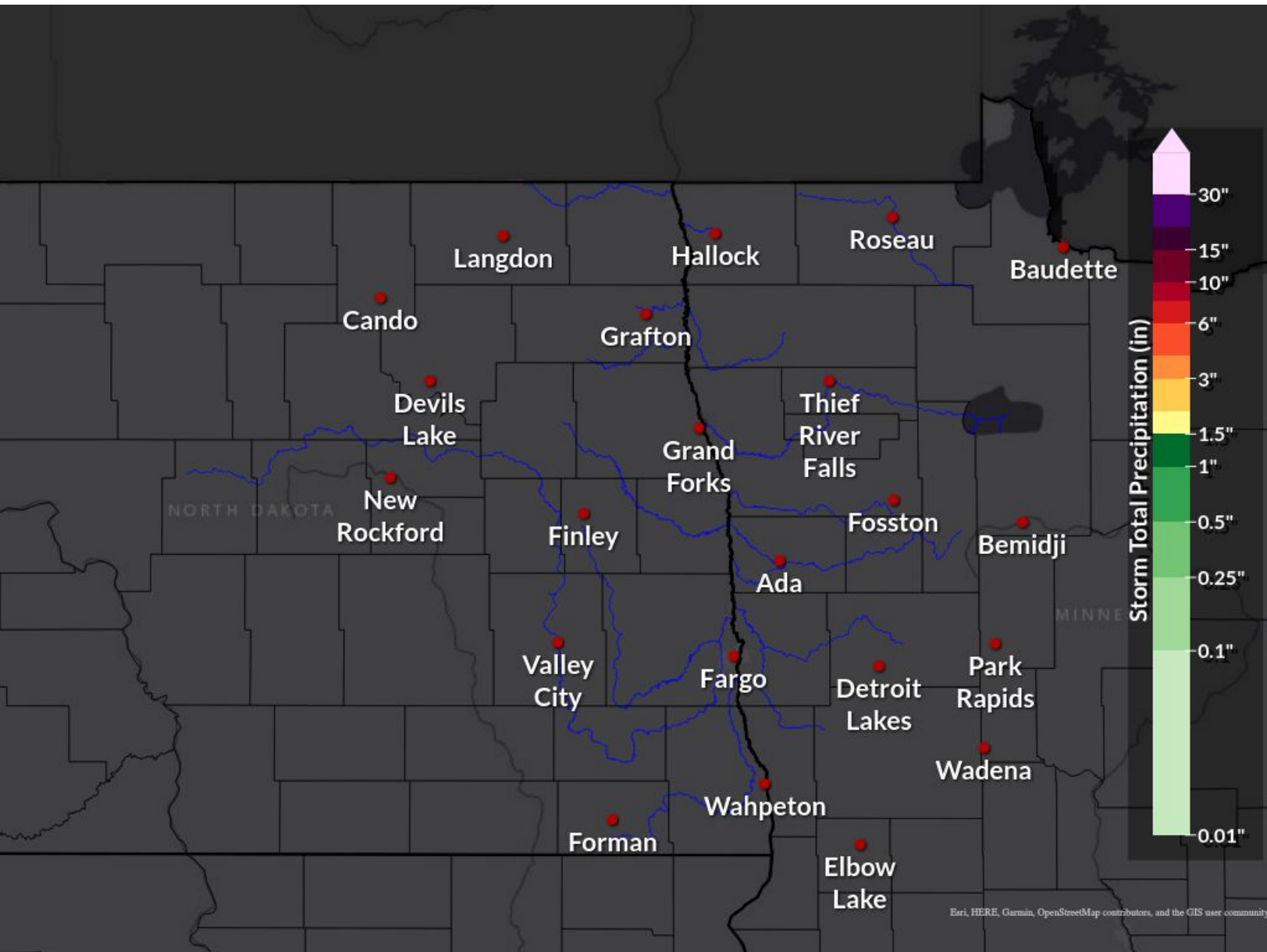
- Rapid melting will continue due to ongoing above freezing temperatures.
- The next chance for precipitation comes Thursday and continuing into the weekend. Several scenarios still exist, including rain or snow with varying amounts. Thunderstorms also remain a potential scenario, although coverage is uncertain.
 - Impacts to river levels are possible but remain unknown at this time.



Snowmelt Continues

4/12/2023
11:16 AM

**Observed precipitation over the past 24 hours
(7 AM Tue April 11th through 7 AM Wed April 12th)**



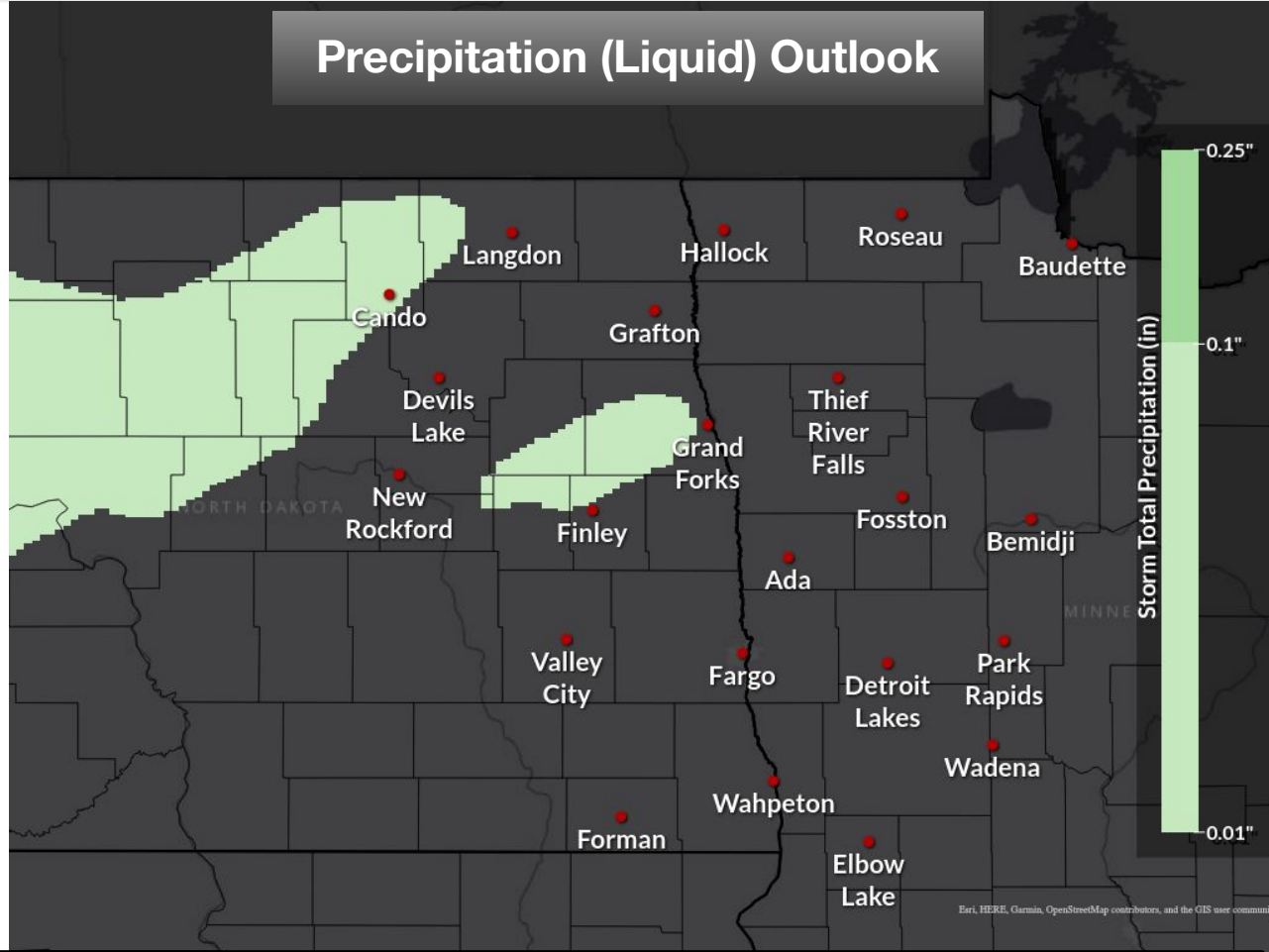


Snowmelt Continues

4/12/2023
11:16 AM

Forecast precipitation included in today's river forecasts

(7 AM April 12th to 7 AM April 13th)



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	Thu, April 13	T-storms/Rain	High	Low	Low	-
70% Medium	Fri, April 14	T-storms/Rain	High	Medium	Low	-
40% Low	Sat, April 15	T-storms/Rain/Snow	Medium	Low	Low	-
10%	Sun, April 16	T-storms/Rain/Snow	Medium	Low	-	-
	Mon, April 17	Rain/Snow	Low	-	-	-
	Tue, April 18	Rain/Snow	Low	-	-	-



7-Day Temperature Outlook

Forecasted temperatures will depend on how much snowpack remains

Day of the Week	Highs	Lows (Overnight)
Thursday, April 13	Areas with snow: 35 - 45 Areas with limited snow or forested: 50 - 70	Areas with snow: 25 - 32 Areas with limited snow or forested: 40 - 50
Friday, April 14	Areas with snow: 35 - 45 Areas with limited snow or forested: 50 - 70	Areas with snow: 25 - 32 Areas with limited snow or forested: 30 - 35
Saturday, April 15	Areas with snow: 35 - 45 Areas with limited snow or forested: 40 - 45	18 - 25
Sunday, April 16	35 - 40	15 - 25
Monday, April 17	35 - 45	15 - 25
Tuesday, April 18	35 - 50	25 - 35
Wednesday, April 19	45 - 55	25 - 35





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Wed Apr 12 2023 10:34:08 AM

Water beginning to fill ditches due to snowmelt near Kent, MN
April 12, 2023 - courtesy of MNDOT

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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