













NATIONAL WEATHER SERVICE

NWS Grand Forks Spring Flooding Update

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April 17, 2023

Jim Kaiser

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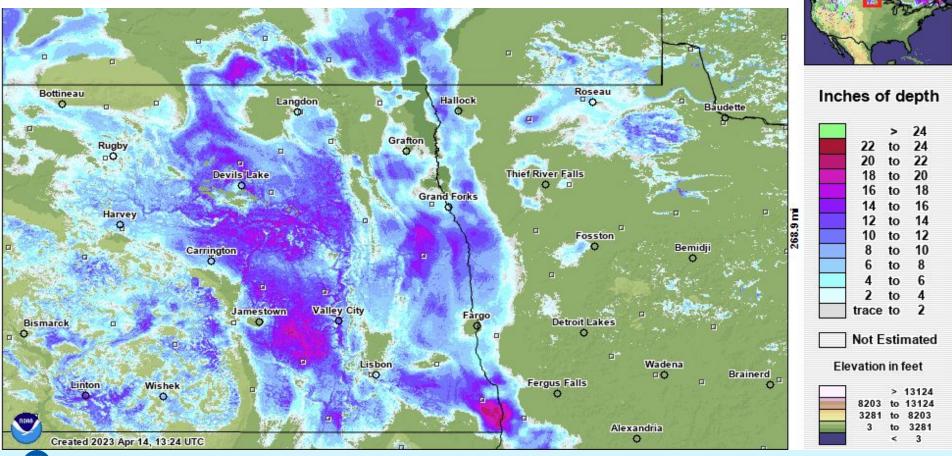
Key Points

- Mainstem Red River: moderate to major flooding is expected.
 - Southern Valley crests expected this weekend into early next week.
 - Northern Valley crests expected next week into early May.
- Minnesota Tributaries: minor to moderate flooding has occurred or is expected.
 - Most points have crested with the exception of Red Lake Wild Rice, and portion of the Snake.
 - Ice jam at Crookston over the weekend, near its peak now.
- North Dakota Tributaries: minor to major flooding is expected.
 - Runoff across southeastern ND will increase dramatically over the next 24 hrs, especially for the Maple and lower Sheyenne Rivers.
- Any future precipitation has the potential to impact river levels through the first few weeks of May.

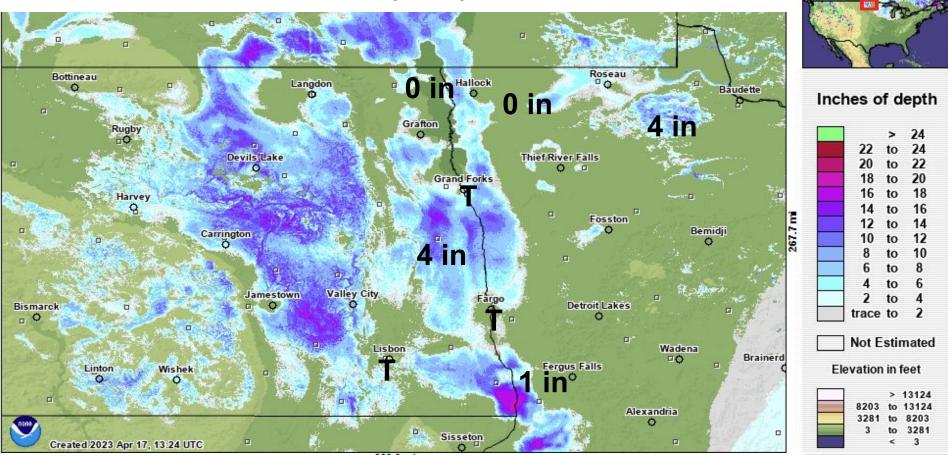




Modeled Snow Depth - April 14, 2023



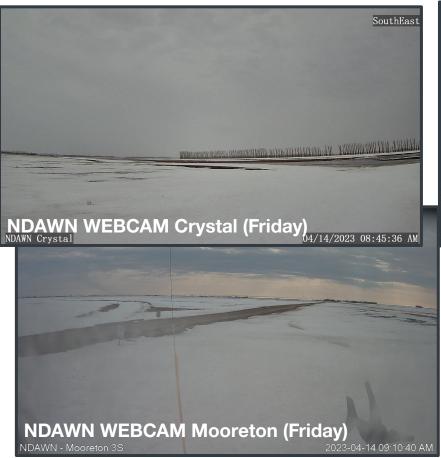
Modeled Snow Depth - April 17, 2023



Modeled Snowpack Temperature - April 17, 2023



Eastern ND







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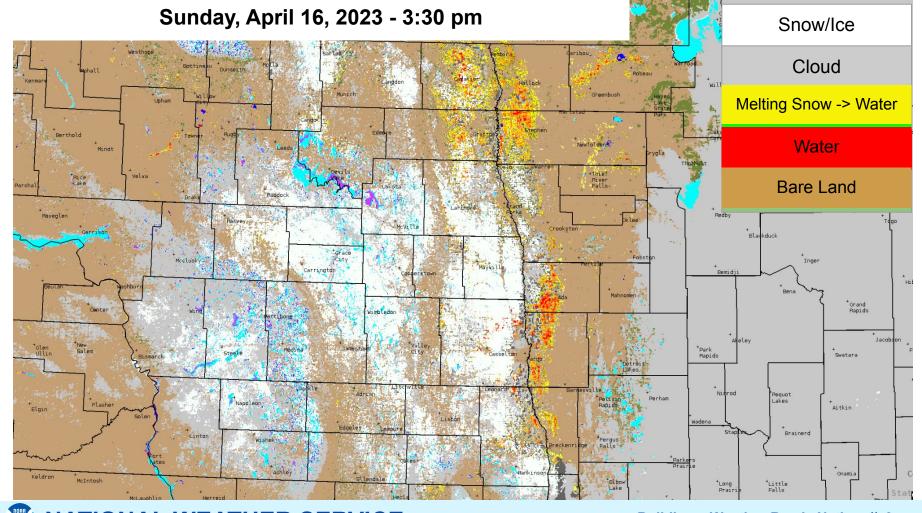
Western MN

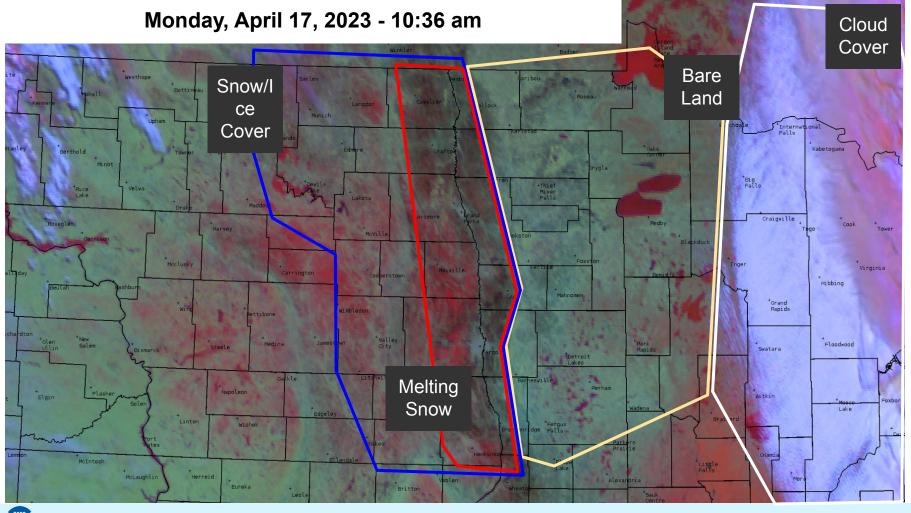




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Temperature Outlook

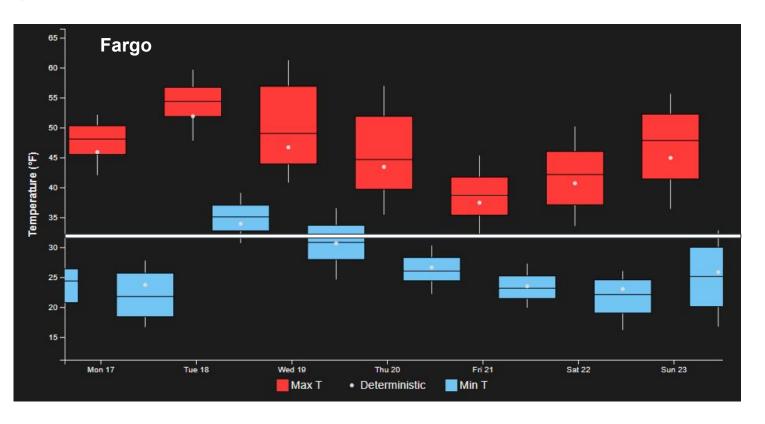
















Precipitation Outlook











Legend	Date	Туре	0.01 - 0.25"	0.26 - 0.50"	0.51 - 1.00"	1.00" +
100%	Tue, April 18	Rain/Snow	High	Low	Low	9:
High	Wed, April 19	Rain/Snow	High	Medium	Low	28
70%	Thu, April 20	Rain/Snow	High	Medium	Low	ā
Medium 40%	Fri, April 21	Snow	Medium	Low	-	
Low	Sat, April 22	Snow	Low	8-28	-	S
10%	Sun, April 23		-	0.50	_	





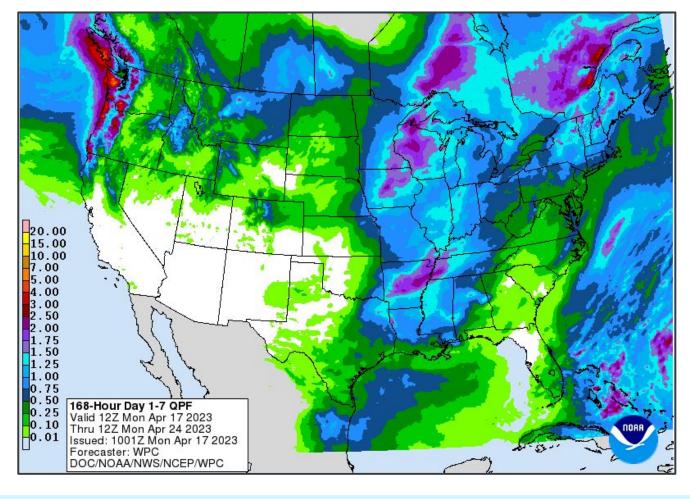




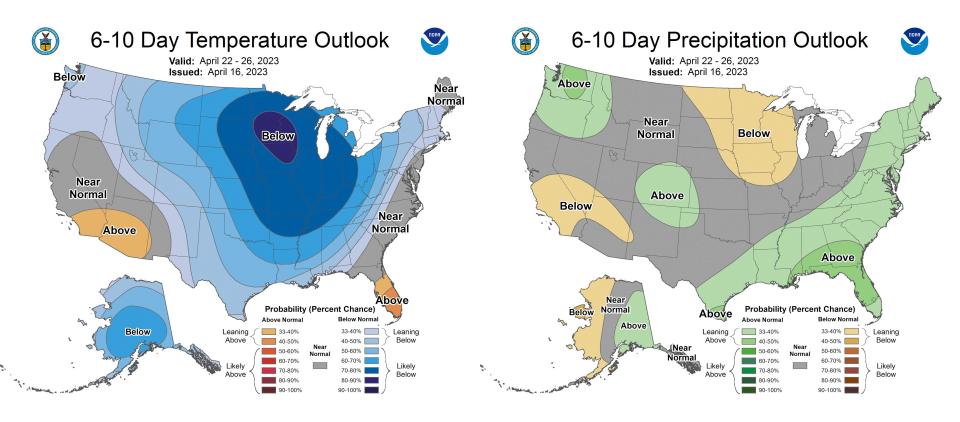


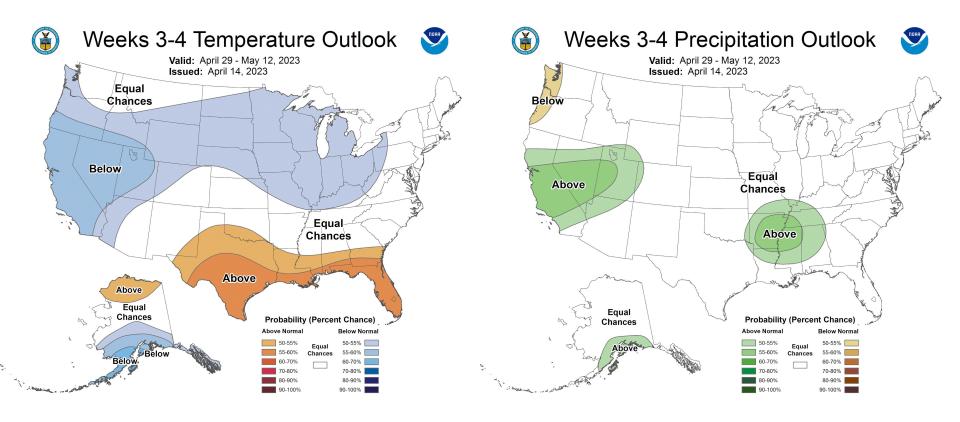


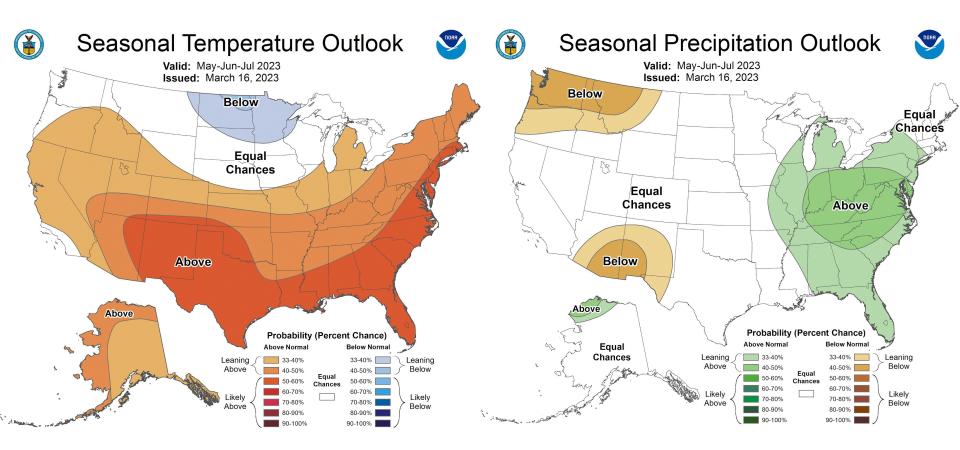














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