



Drought Task Force Briefing

April 8, 2025
10:00 AM

For Massachusetts

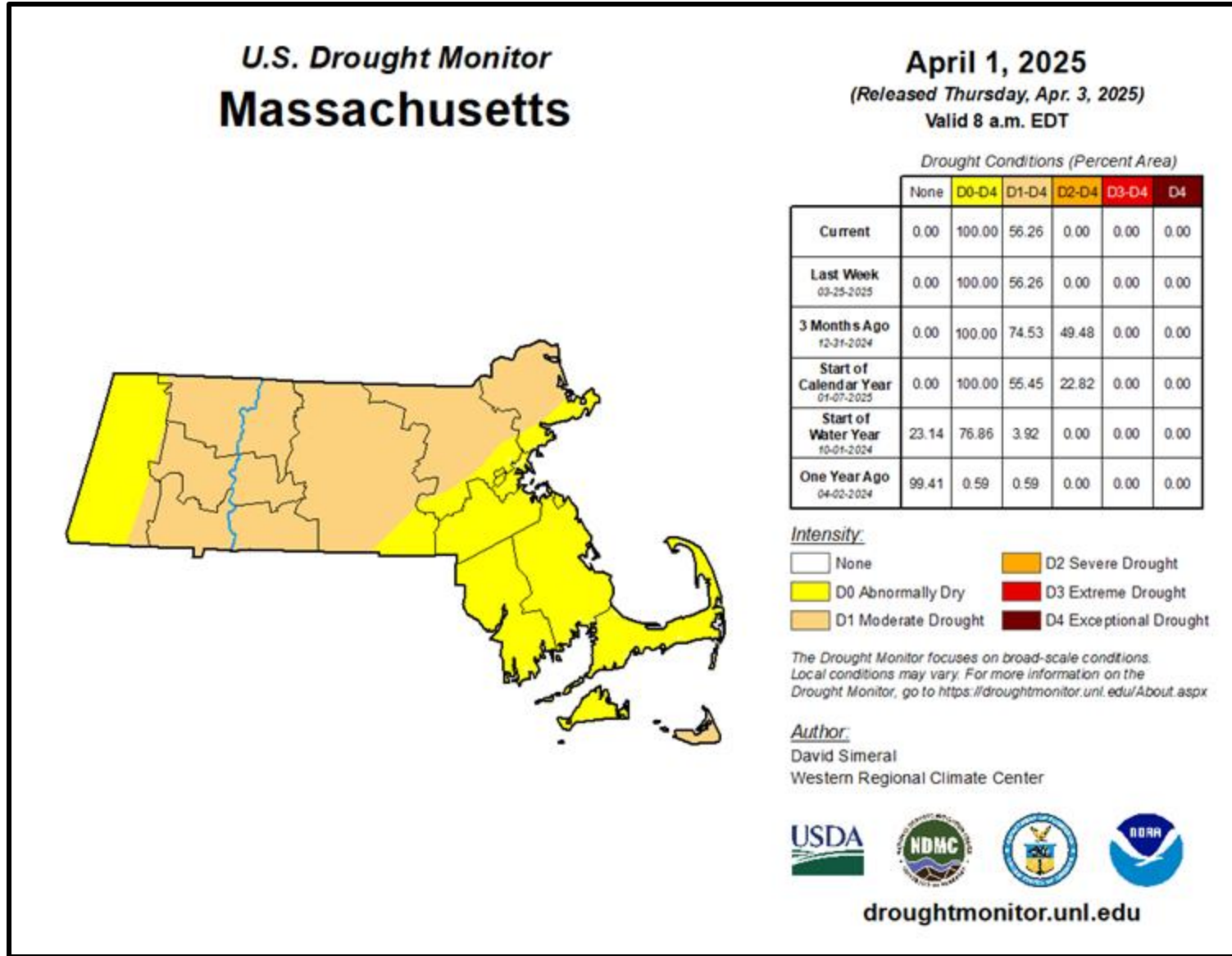
Decision Support Briefing

→ As of April 8th, 2025



Important Updates

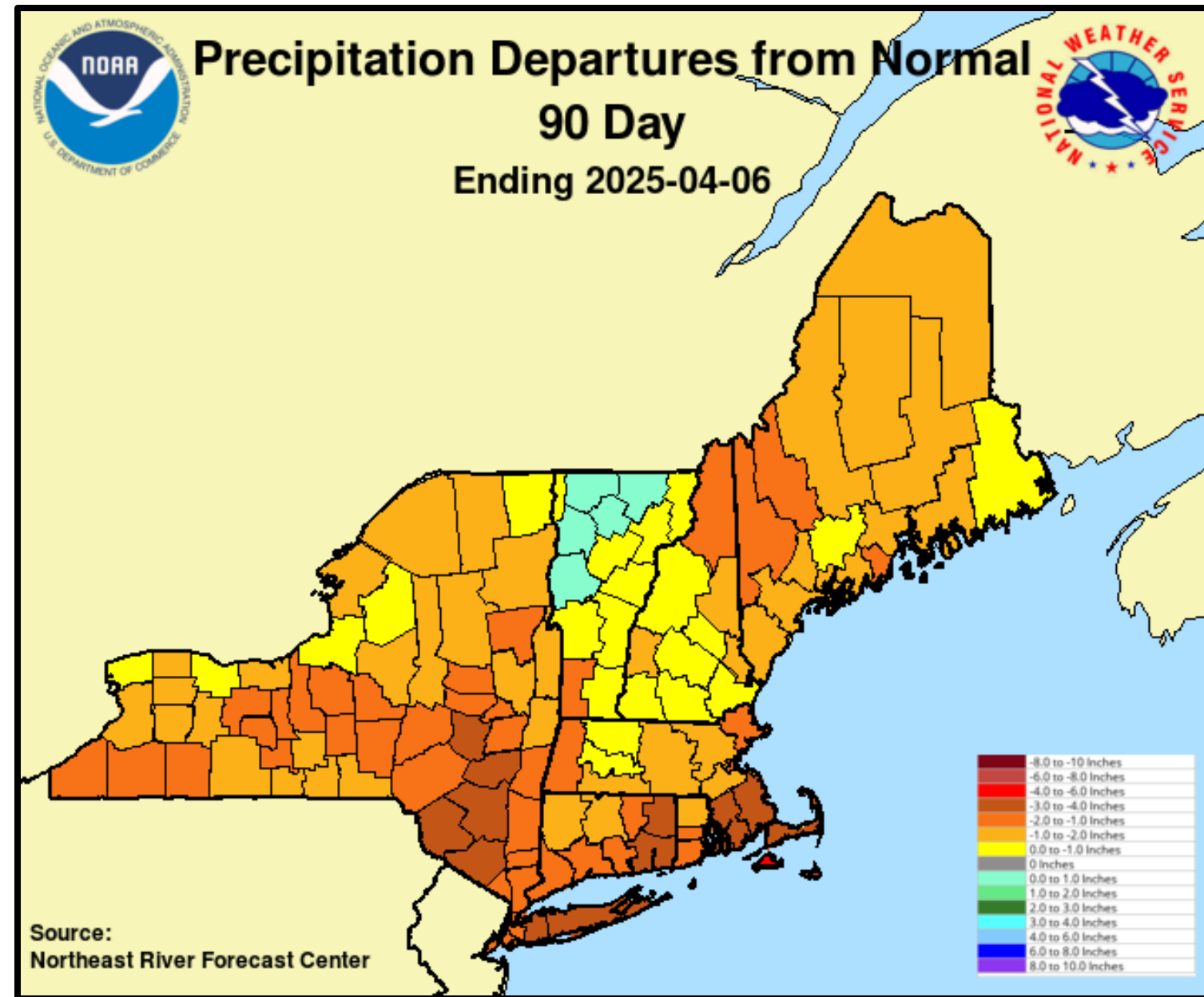
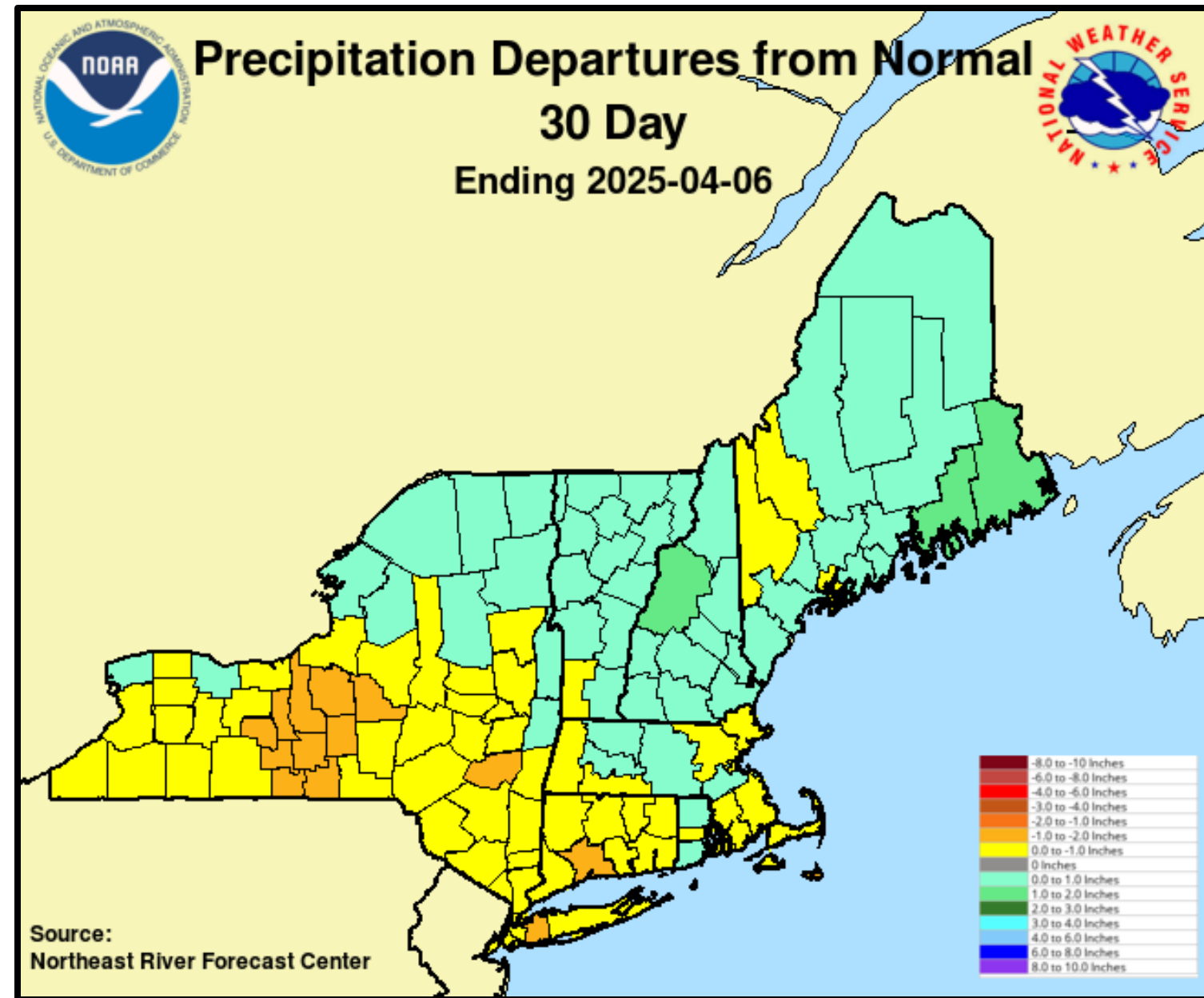
- Accumulated precipitation departures are trending closer to normal.
- Amidst an active pattern, guidance indicating a weather system this weekend to bring additional precipitation and corresponding river rises.





Precipitation Departures

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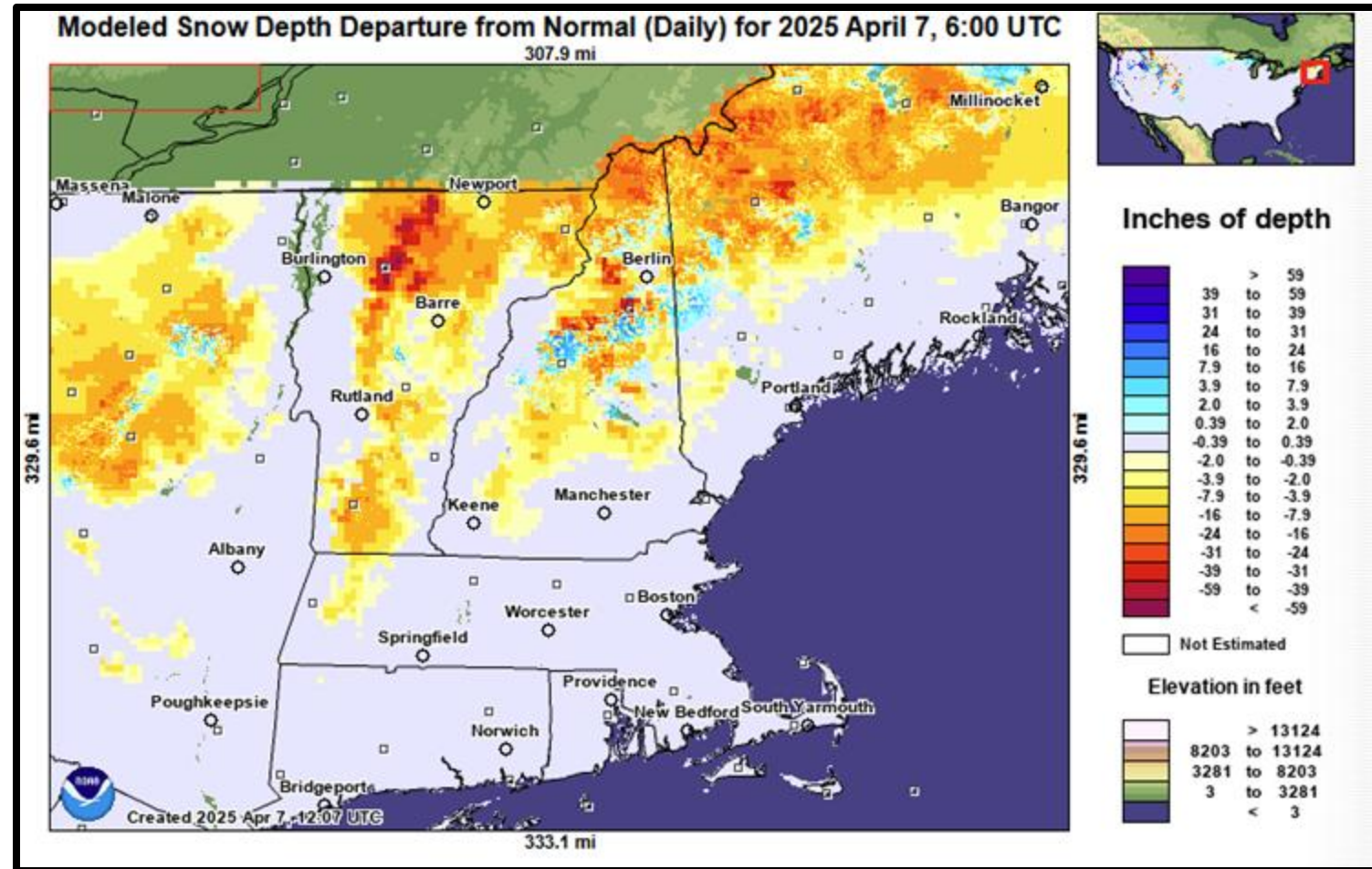
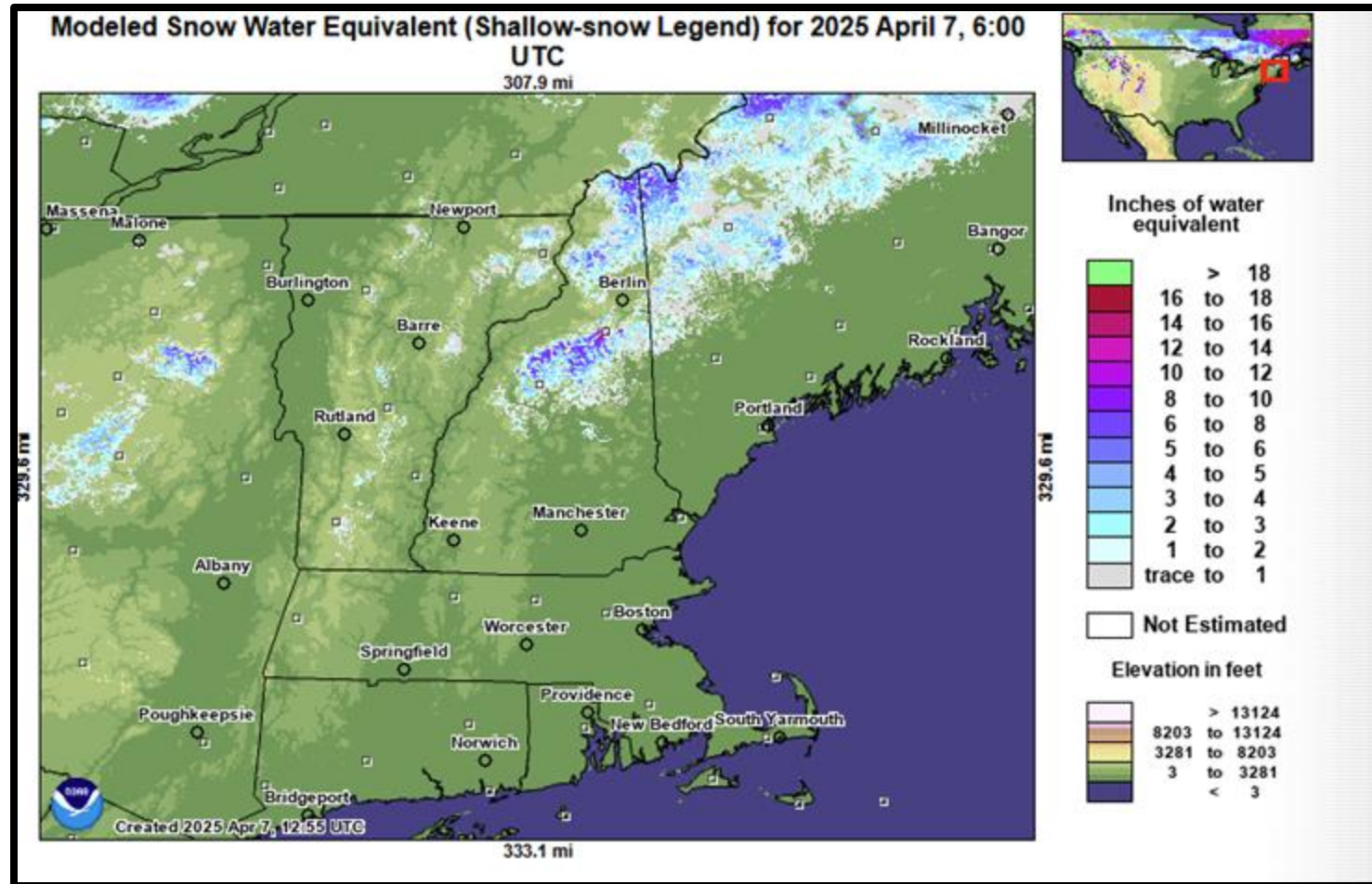
- Improved precipitation departures in the near term, but still slight below normal for parts of MA in past 30 days



Snow Status

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- Essentially snow free across MA
- Headwaters of Connecticut and Merrimack still have snow; however, modeled snow depth is generally a bit less than normal



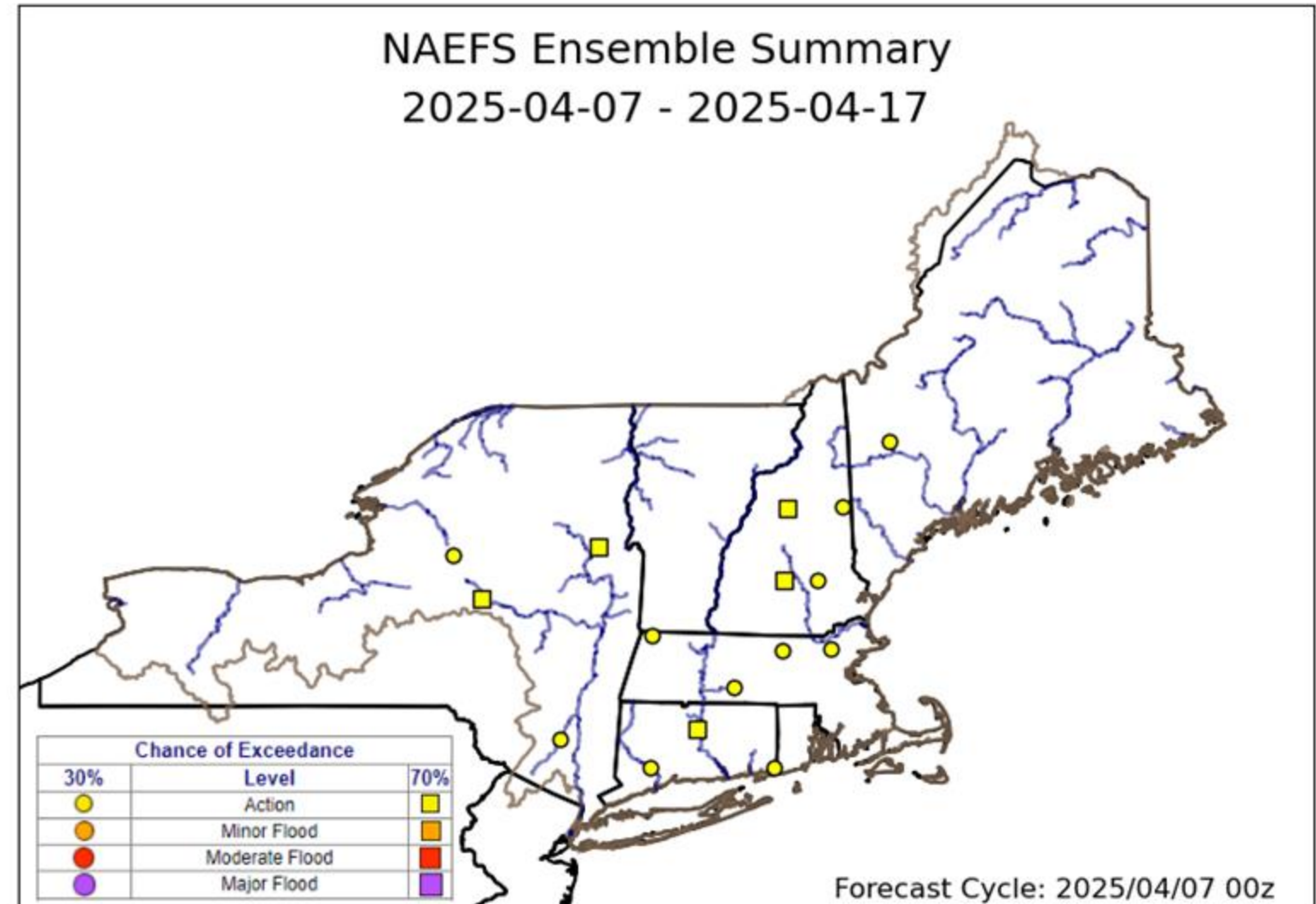


Latest River Forecasts

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No river flooding anticipated during the next ten days.

- A 52 member ensemble run for all NERFC forecast points to give us an idea of the possible range of river flows out 10 days.
- Will show results for...
 - North Nashua River at Fitchburg
 - Westfield River at Westfield





NAEFS Precipitation & Streamflow

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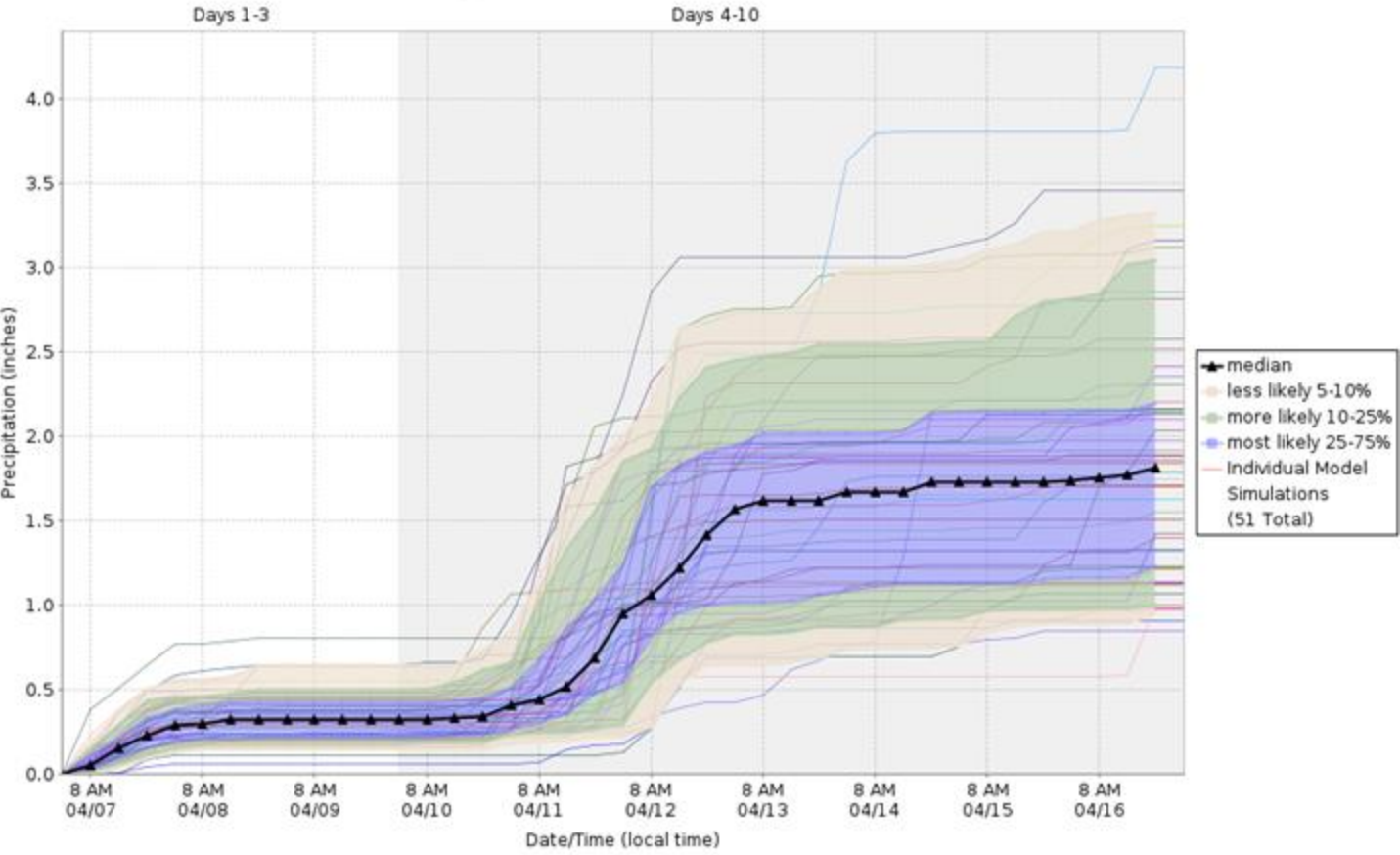
North Nashua River at Fitchburg (FBGM3)

NAEFS - 10 Day Accumulated Precipitation Probabilities

Based on North American Ensemble Forecast System Model Simulations
Used to Estimate the Range of Possible River Levels



Apr 07 - Apr 17, 2025
North Nashua River at Fitchburg, MA (FBGM3)



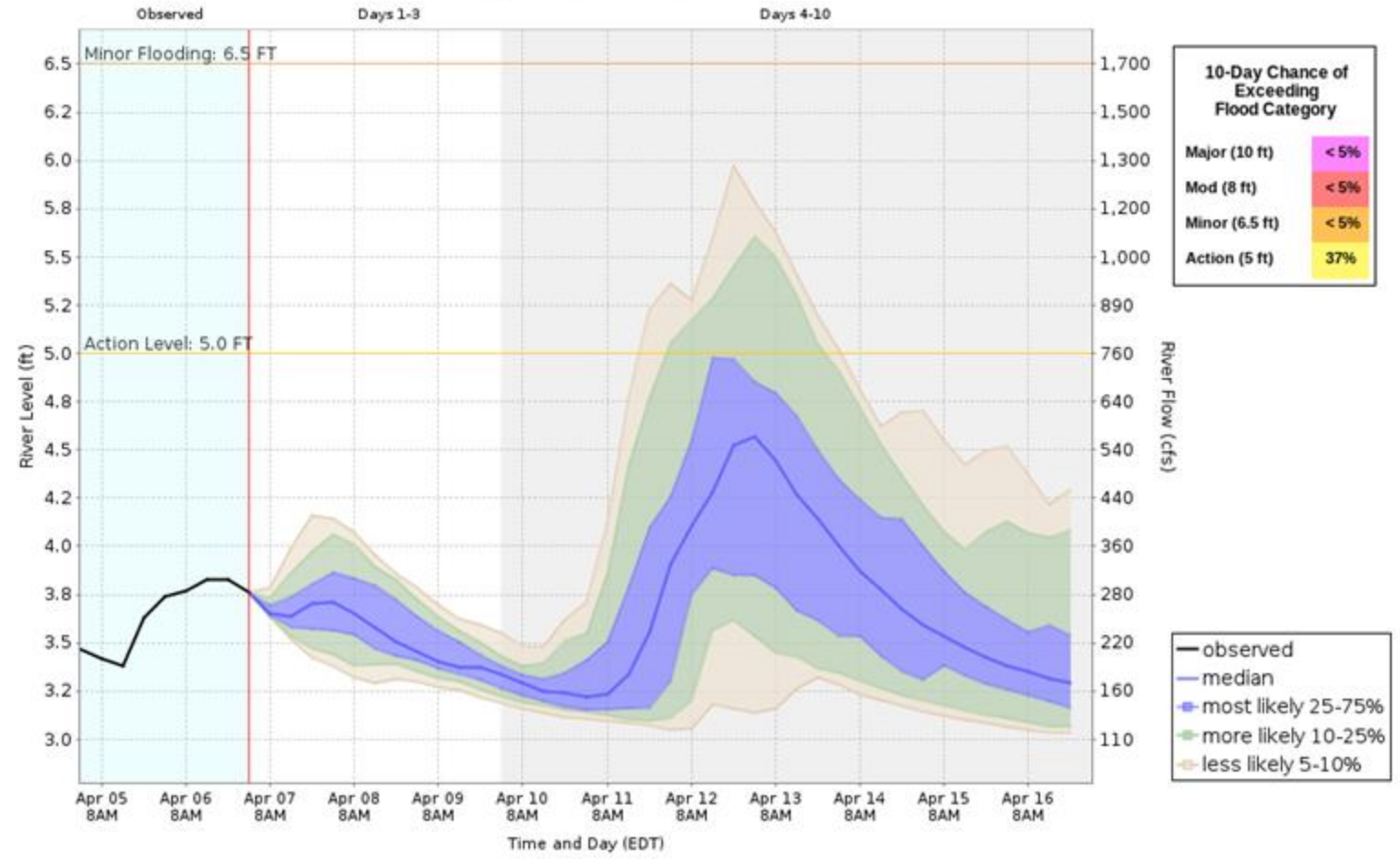
Model runtime: 02:00 AM EDT Apr 07 2025
Northeast River Forecast Center

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North Nashua River at Fitchburg, MA (FBGM3)



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NAEFS Precipitation & Streamflow

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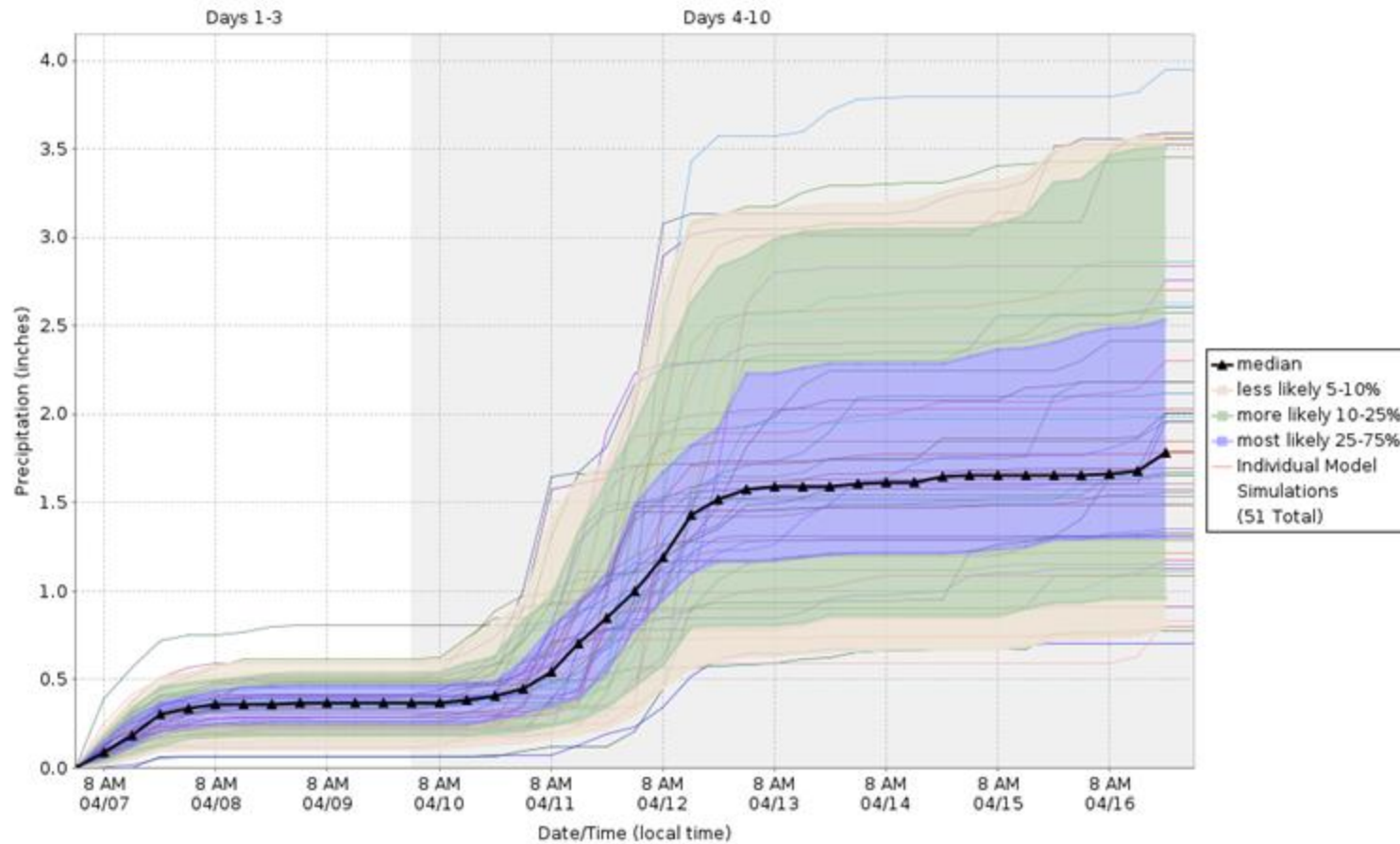
Westfield River at Westfield (WSFM3)

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Westfield River at Westfield, MA (WSFM3)



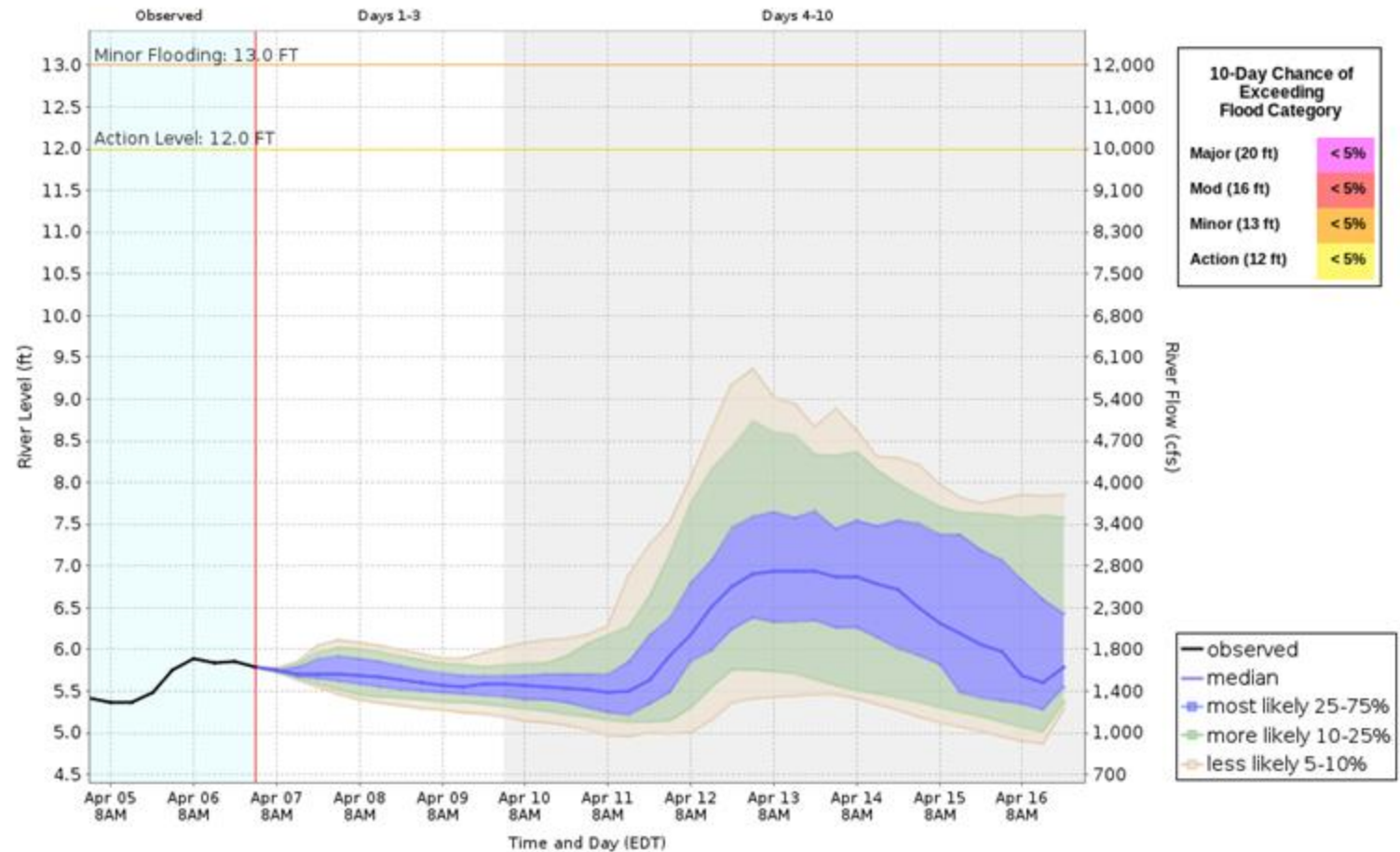
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Key Messages

- Recent accumulated precipitation departures are trending closer to normal.
- Wet and unsettled weather late week and into the weekend, within bankfull river rises looking likely.

