



Fox River Flood Inundation Mapping

March 10, 2017

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NWS Milwaukee and Chicago



NWS Mission:

...to provide forecasts and warnings for the general public in order to minimize the loss of life or property...





Hydrologic Partners



- **The NWS partners with USGS, US ACE, local government (ex. City of Burlington) and others to monitor rivers**
- **Volunteer observers take rain and snow measurements**
- **Our Goal: Understand local impacts of flooding and communicate those risks**



NWS Flood Inundation Mapping

- Visual tool to understand flooding impacts
- Based on NWS flood warning categories
- Understand flood severity and risk based on potential impacts to property and public safety
 - *Where and when flooding may occur*



What Can You Do With FIM?



- **Make decisions to mitigate flood risk, promote preparedness**
- **Provide timely response during a flood**
- **How deep will the water be at a location? What roads/parks/etc will the water cover?**
- **Assess how/when river levels may affect your interests and research**



Fox River Flood Inundation Mapping

- **Flood inundation mapping project was a cooperative effort by WI Emergency Management, NWS, WI DNR and FEMA**
- **Sites include Waukesha, Burlington, New Munster**



AHPS Webpage



www.weather.gov/mkx/

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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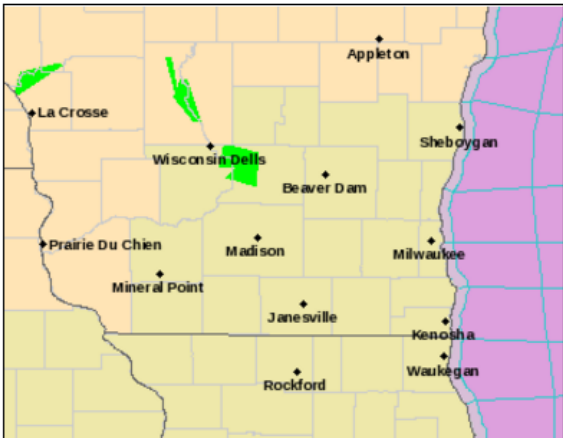
News Headlines

- [NWS Milwaukee Severe Weather Safety/Spotter Training Classes 2017](#)

NWS Forecast Office Milwaukee/Sullivan, WI
[Weather.gov](#) > Milwaukee/Sullivan, WI

[Current Hazards](#) [Current Conditions](#) [Radar](#) [Forecasts](#) [Rivers and Lakes](#) [Climate and Past](#)

Click a location below for detailed forecast.



Watches, Warnings & Advisories

- [Flood Warning](#) (Green)
- [Gale Warning](#) (Purple)
- [Small Craft Advisory](#) (Light Purple)
- [Special Weather Statement](#) (Orange)
- [Hazardous Weather Outlook](#) (Yellow)
- [Hydrologic Outlook](#) (Light Green)

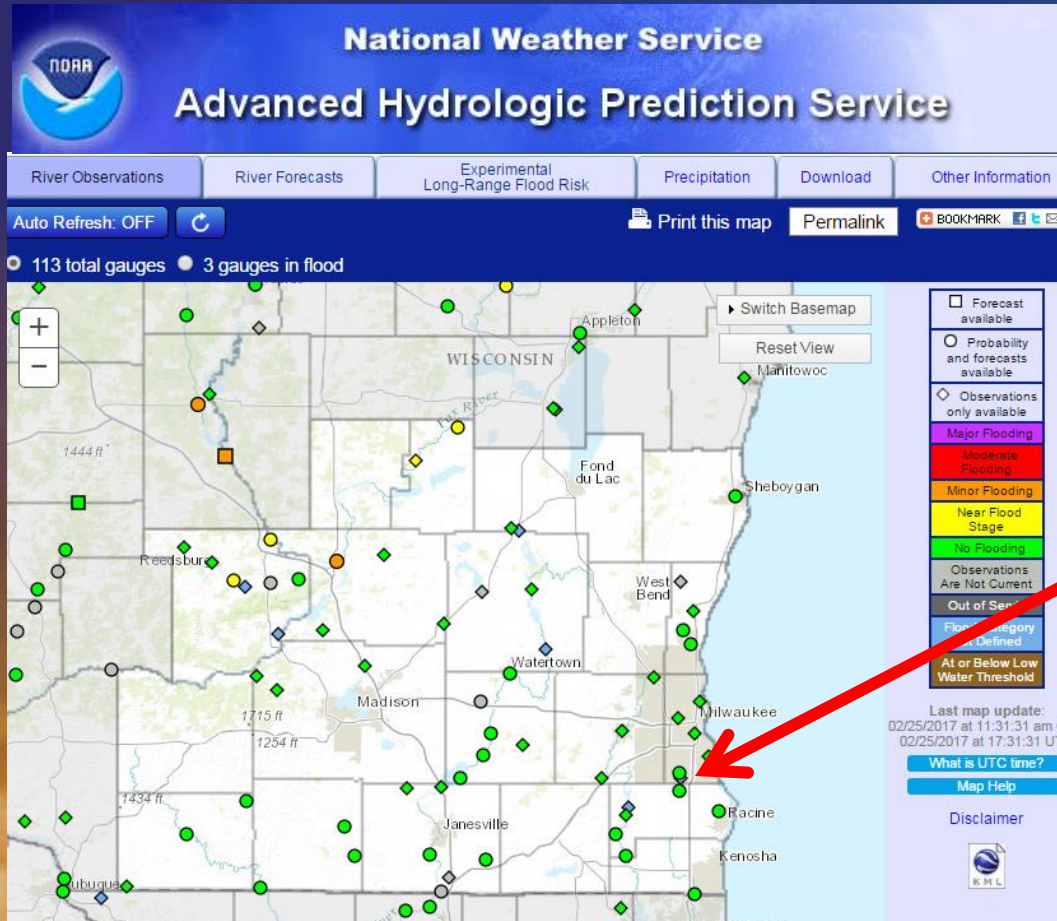
Last Map Update: Sat, Feb. 25, 2017 at 8:27:25 am CST

Click
Rivers and Lakes

AHPS – Advanced
Hydrologic Prediction
Service



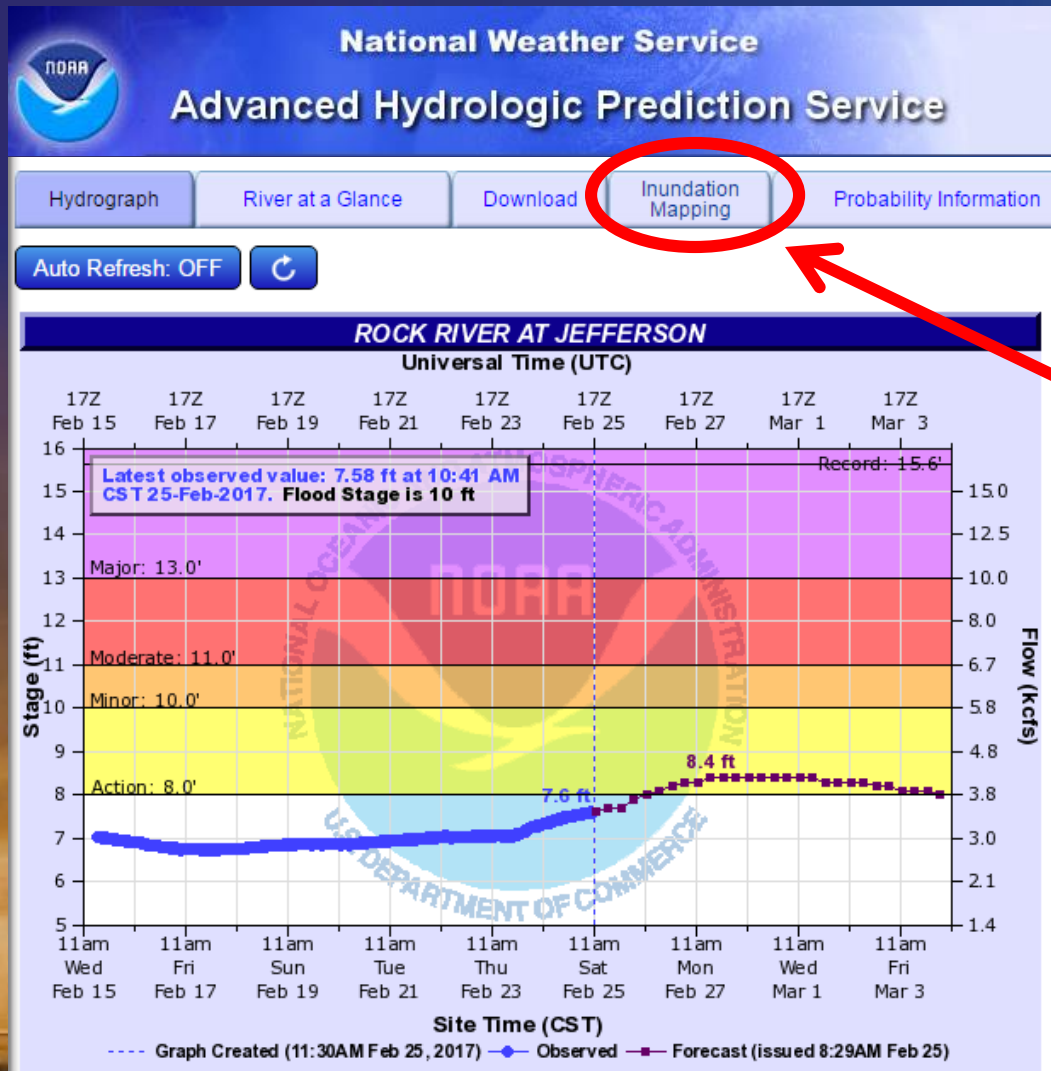
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Select
Inundation Mapping



Thank You!

