



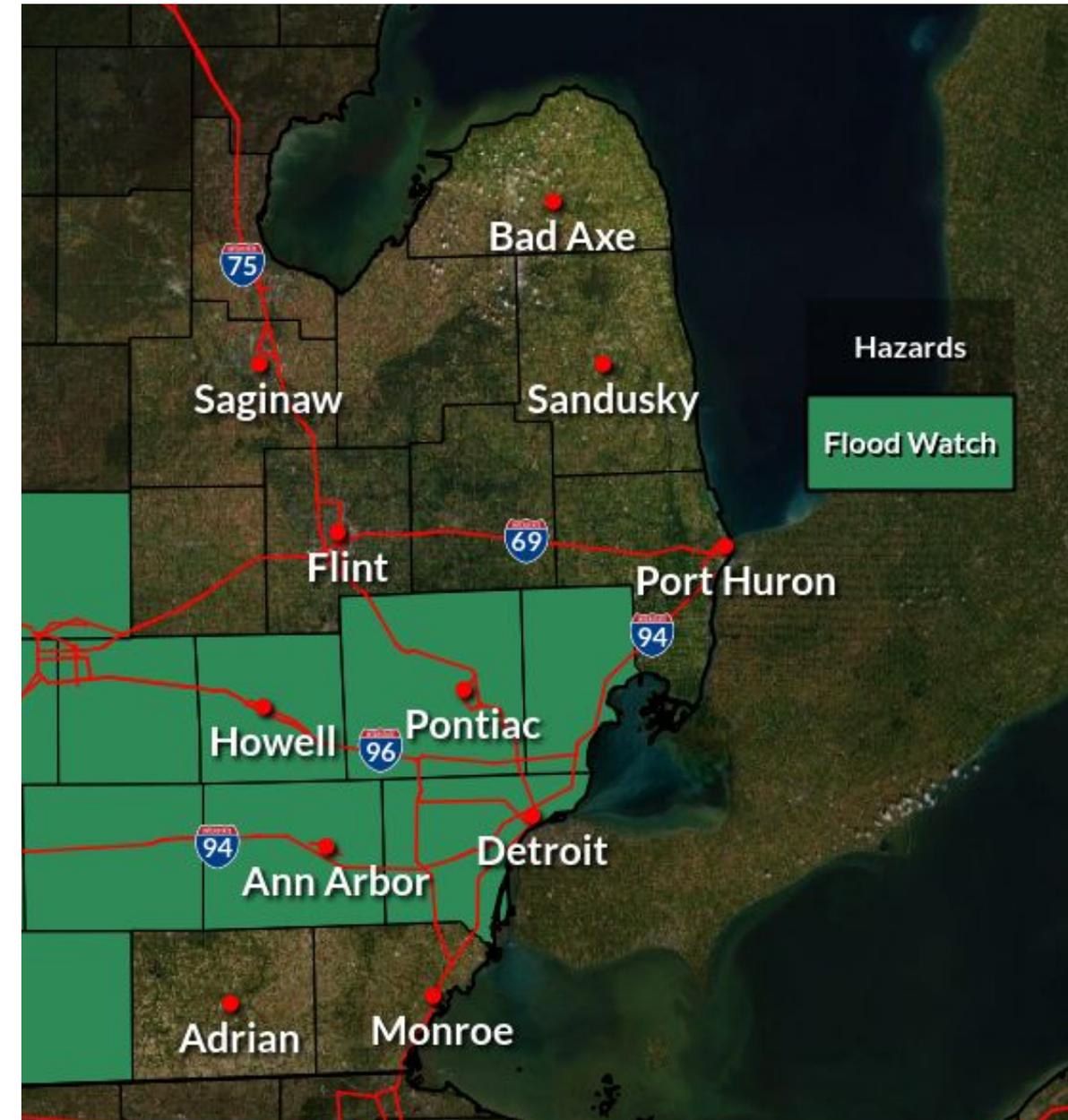
Flood Watch

July 15, 2024
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Flood Watch in effect tonight for parts of Southeast Michigan.

Key Messages

- Flood Watch in effect from midnight tonight until 8 AM Tuesday.
- Counties under the watch include Washtenaw, Wayne, Livingston, Oakland, and Macomb.
- Rainfall Rates up to 1 inch per hour or greater possible.
- Rainfall amounts totaling 1 to 2 inches are expected across SE MI. Localized higher amounts possible.
- Urban areas and areas that received significant precipitation this morning are the most susceptible.





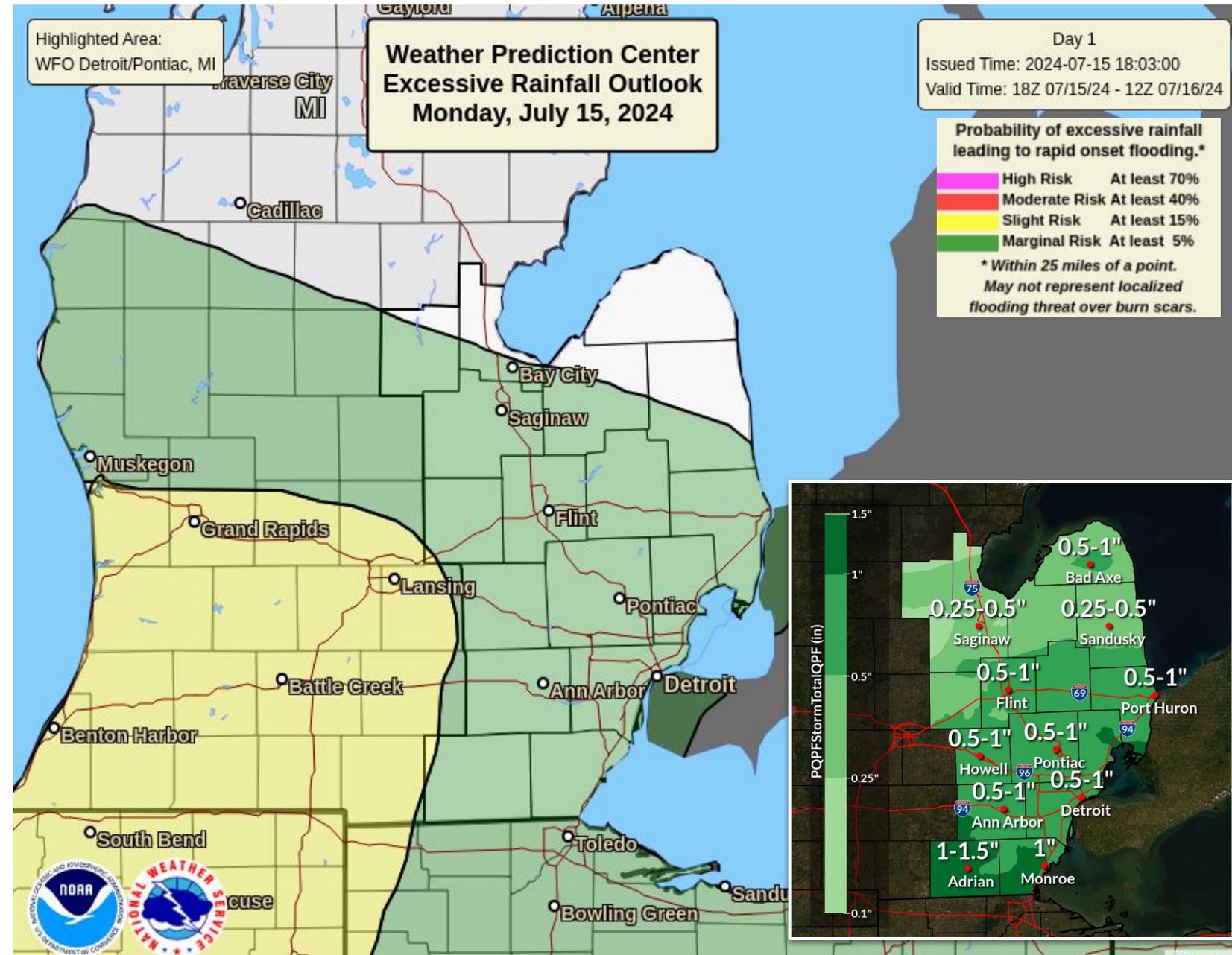
Excessive Rainfall Outlook

July 15, 2024
3:16 PM

Excessive Rainfall Outlook Category and Storm Total Rainfall Amounts

Overview

- A storm system will track into the region tonight into early Tuesday morning.
- Widespread rainfall totals of 1-2 inches is expected across most of southeast Michigan. Some locally higher totals may be possible.
- The heaviest rainfall is currently expected in the Metro Detroit area.
- There is a **Marginal Risk of Excessive Rainfall**, meaning:
 - Increased risk of Flash flooding, mainly localized
 - Most vulnerable areas are urban locations, roads, small streams, and low-lying/flood-prone areas
 - Areas that received significant rain from the system this morning are more likely to flood than areas that did not receive rain.





Along and south of M-59, Detroit Metro

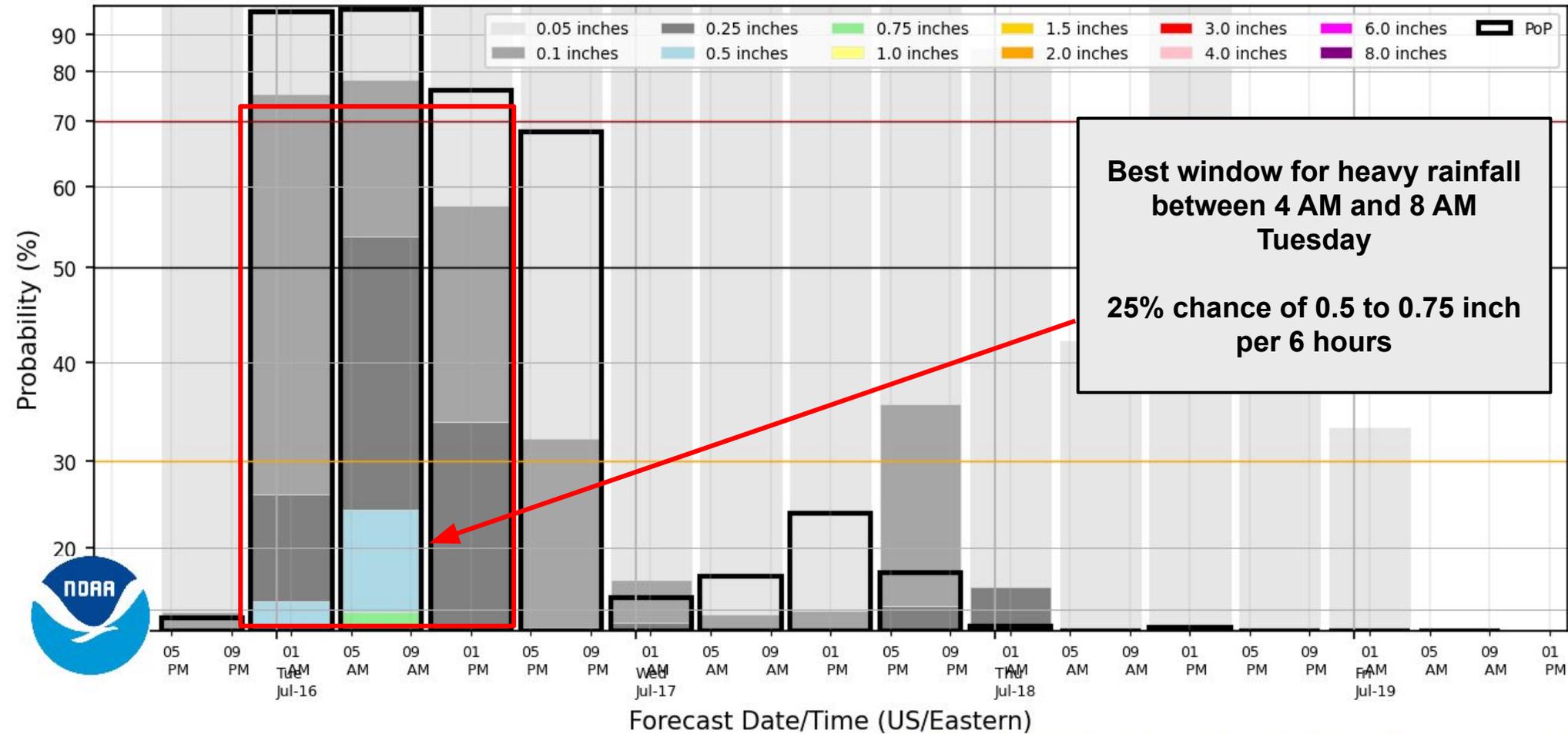
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Hourly Rainfall Rates and 6 Hour Conditional Rainfall Amounts

6-hr Conditional QPF for Detroit Metro -- 2024-07-15.17Z cycle

Key Points

- ✓ Heaviest rain expected to begin after Midnight and last through Wednesday morning.
- ✓ Rainfall rates may reach 0.5" per hour and briefly 1 inch per hour at times between 4 AM and 8 AM.





Flood Preparedness Information



Flood Quick Facts and Preparedness:

Quick facts you should know about flooding:

- Flooding can be caused by heavy rain, rapid snow melt, coastal storms, storm surge, waterway overflow, ice jamming, levee overtopping, dam failure, or from wastewater systems.
- Flooding has occurred in every U.S. state and territory.
- It only takes 6 inches of fast-moving water to knock you off your feet.
- A car can be moved in as little as 2 feet of water.
- 90% of all U.S. natural disasters declared by the President involve flooding.

Preparedness:

Know your risk: Are you in a flood-prone area? Know your zone:
www.fema.gov/flood-zones

- You must purchase separate flood insurance for your home. There is a 30 day wait period between when you buy a flood insurance policy and when it goes into effect. Plan ahead!
- A **Flood Watch** is issued when conditions are favorable for flooding. *Time to prepare!*
- A **Flood Warning** is issued when flooding is imminent or occurring. *Time to act!*

Never drive into flood waters! Turn around, don't drown!

Don't underestimate the power of water!

- 6 inches of fast-moving water can knock over and carry away an adult.
- 12 inches of fast-moving water can carry away a small car.
- 18-24 inches of fast-moving water can carry away most large SUVs, vans and trucks.

For more information about this event, please monitor our local hazards page here:
<https://www.weather.gov/dtx/dtxhazards>

For additional flooding safety and preparedness information, please visit:
<https://www.weather.gov/safety/flood>

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Resources

July 15, 2024
3:16 PM

Social Media / IDSS Dashboards



[US National Weather Service Detroit / Pontiac Michigan](#)



[NWSDetroit](#)

Website: www.weather.gov/dtx

Email: w-dtx.webmaster@noaa.gov

For Additional Information EGLE Districts

www.weather.gov/dtx/eglewarrendistrict

www.weather.gov/dtx/eglejacksondistrict

www.weather.gov/dtx/eglelansingdistrict

www.weather.gov/dtx/eglebaydistrict

Decision Support Page

www.weather.gov/dtx/dss

