



Excessive Rainfall Outlook

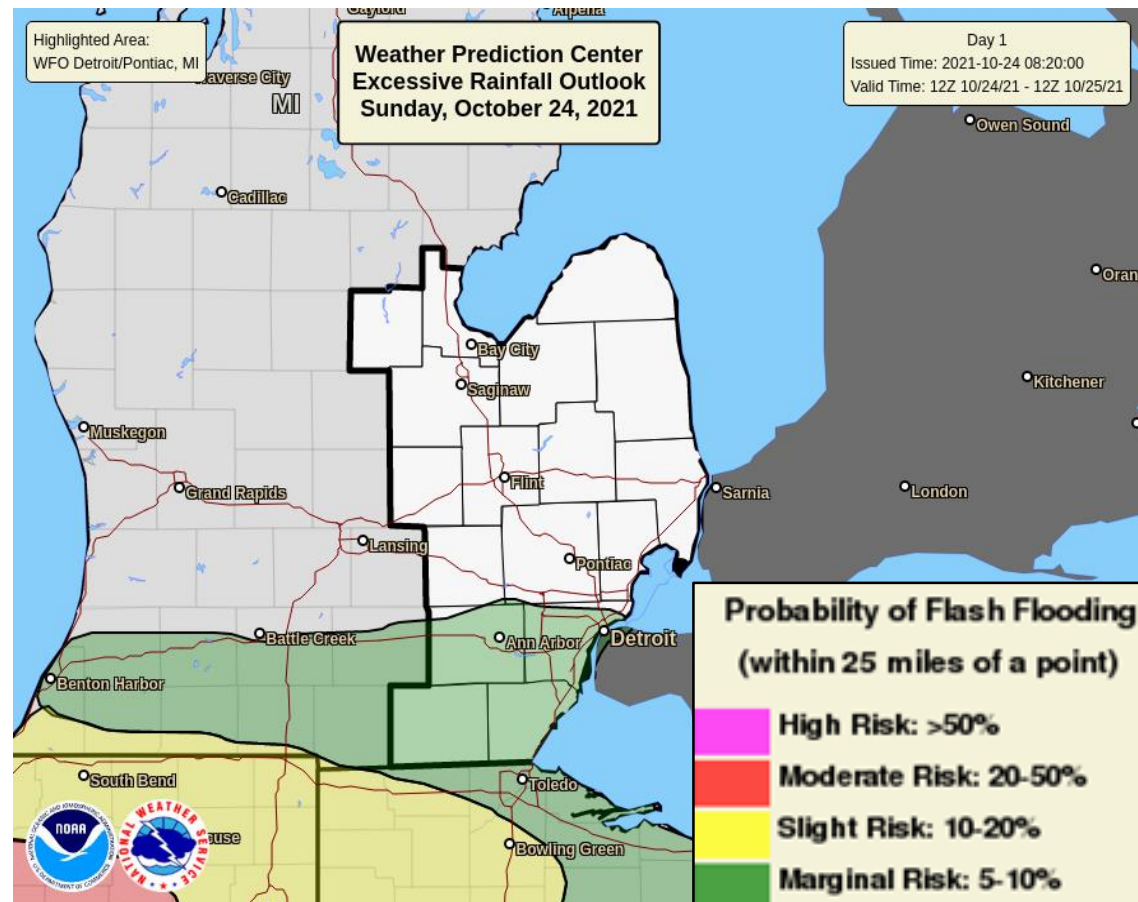
10/24/2021
5:12 AM

Excessive Rainfall Outlook Category and Storm Total Rainfall Amounts

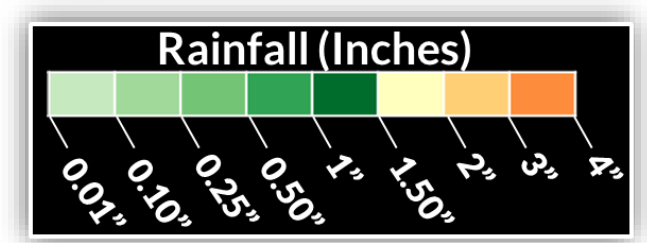
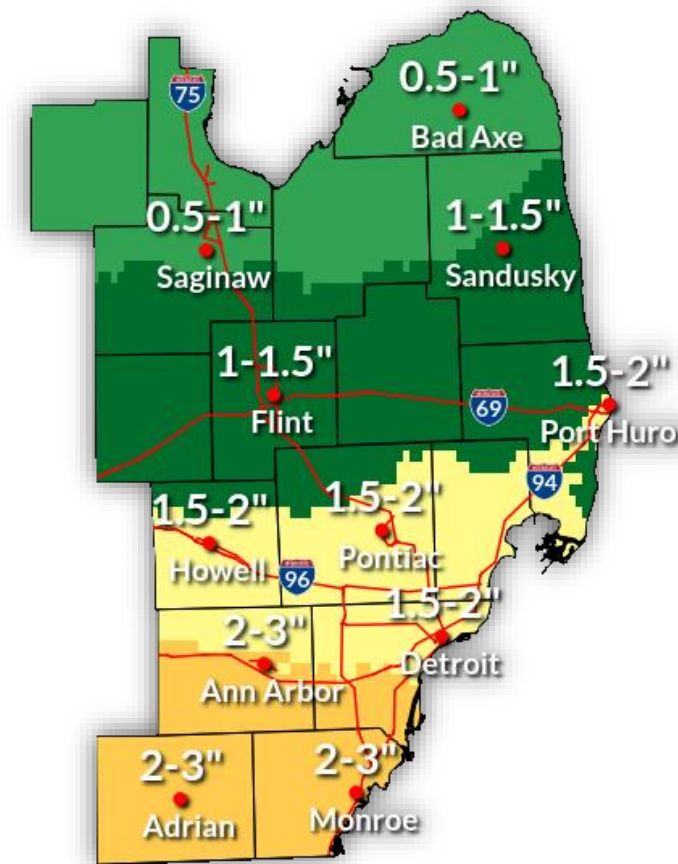
KEY POINTS

- ✓ Strengthening low pressure system advances out of the central Plains toward the northern Ohio Valley today then slowly tracks across central IN/OH Monday.
- ✓ Rain begins around noon for areas along the Ohio border before showers expand northward and reach the I-69 corridor by this evening. Rain encompasses the northern locations late tonight. Precipitation continues across SE MI throughout the day Monday before tapering off late Monday night/early Tuesday morning.
- ✓ Total rainfall of 1 to 2 inches expected between I-69 and I-94, with rainfall amounts increasing to 2.5 inches between I-94 and the state line. Localized amounts near 3 inches are possible near the Ohio border. Lighter totals are expected north of I-69 with 1/2 to 3/4 inches possible.
- ✓ The system shifts east of the area overnight Monday night with overall flood impacts generally expected to be minor and confined to poorly drained and low-lying areas. Some gradual river rises will also occur, but bankfull levels are not anticipated.

WPC Excessive Rainfall Day 1



Storm Total Rainfall



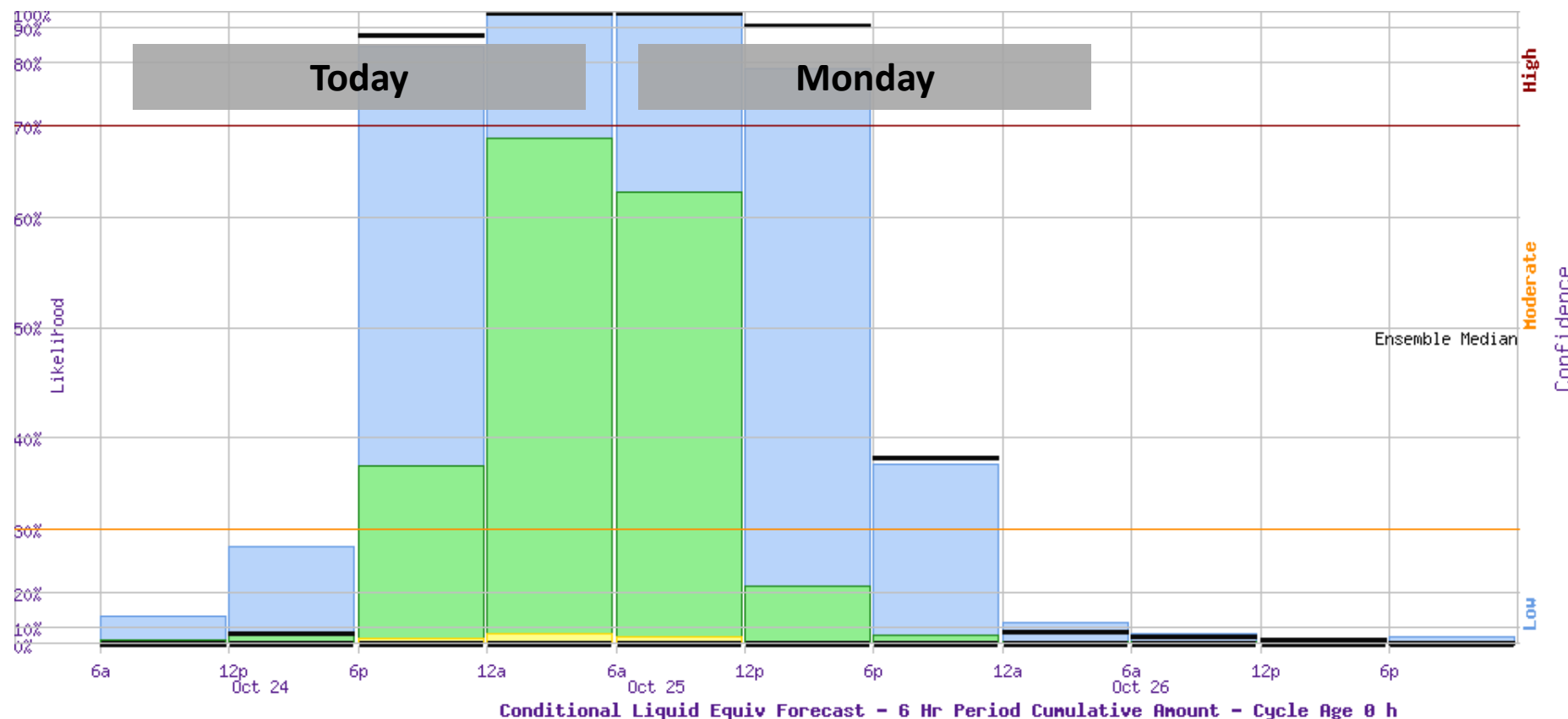


Areas Between I-94 & I-69

Hourly Rainfall Rates and 6 Hour Conditional Rainfall Amounts

KEY POINTS

- ✓ Moderate potential for 6-hr cumulative rainfall to reach or exceed 0.5 inches overnight and Monday morning. Low potential to reach or exceed 1 inch during the same period.
- ✓ Moderate potential for 12-hr accumulation to exceed 1 inch during the PM hours today and AM hours Monday (not shown).
- ✓ Combined, high potential for rainfall amounts between 1 and 2 inches from this evening through Monday evening.



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 created 2021-10-24 02:03
 Time Filtered Explicit Weighted Time Lag Ensemble Conditional Population Percentage

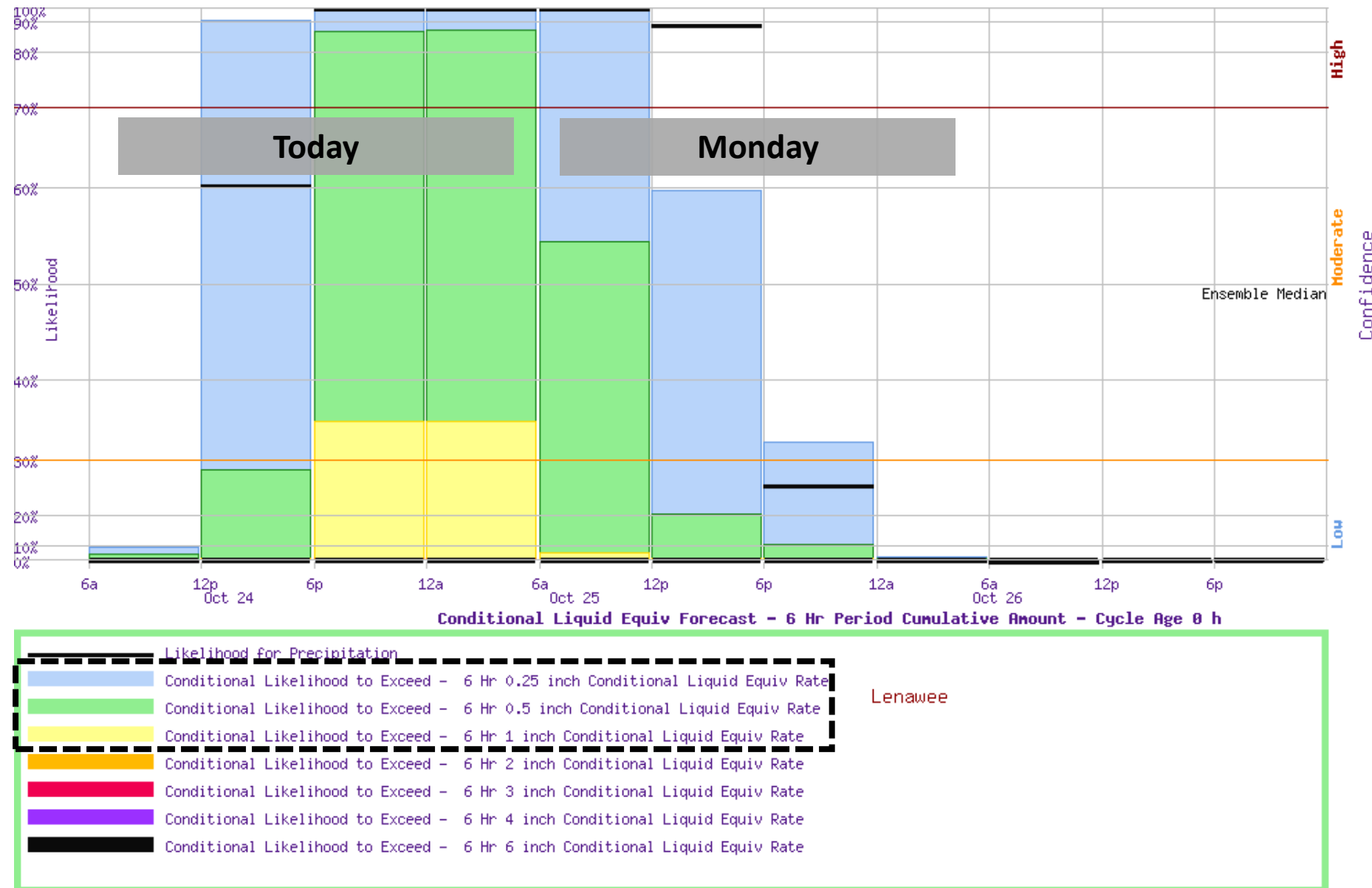


Areas South of I-94

Hourly Rainfall Rates and 6 Hour Conditional Rainfall Amounts

KEY POINTS

- ✓ High potential for 6-hr cumulative rainfall to reach or exceed 0.5 inches overnight and Monday morning. Moderate potential to reach or exceed 1 inch during the same period.
- ✓ High potential for 12-hr accumulation to exceed 1 inch during the PM hours today and AM hours Monday. Low potential to exceed 2 inches (neither charts shown).
- ✓ Combined, high potential for rainfall amounts between 1.5 and 2.5 inches from this afternoon through Monday evening.



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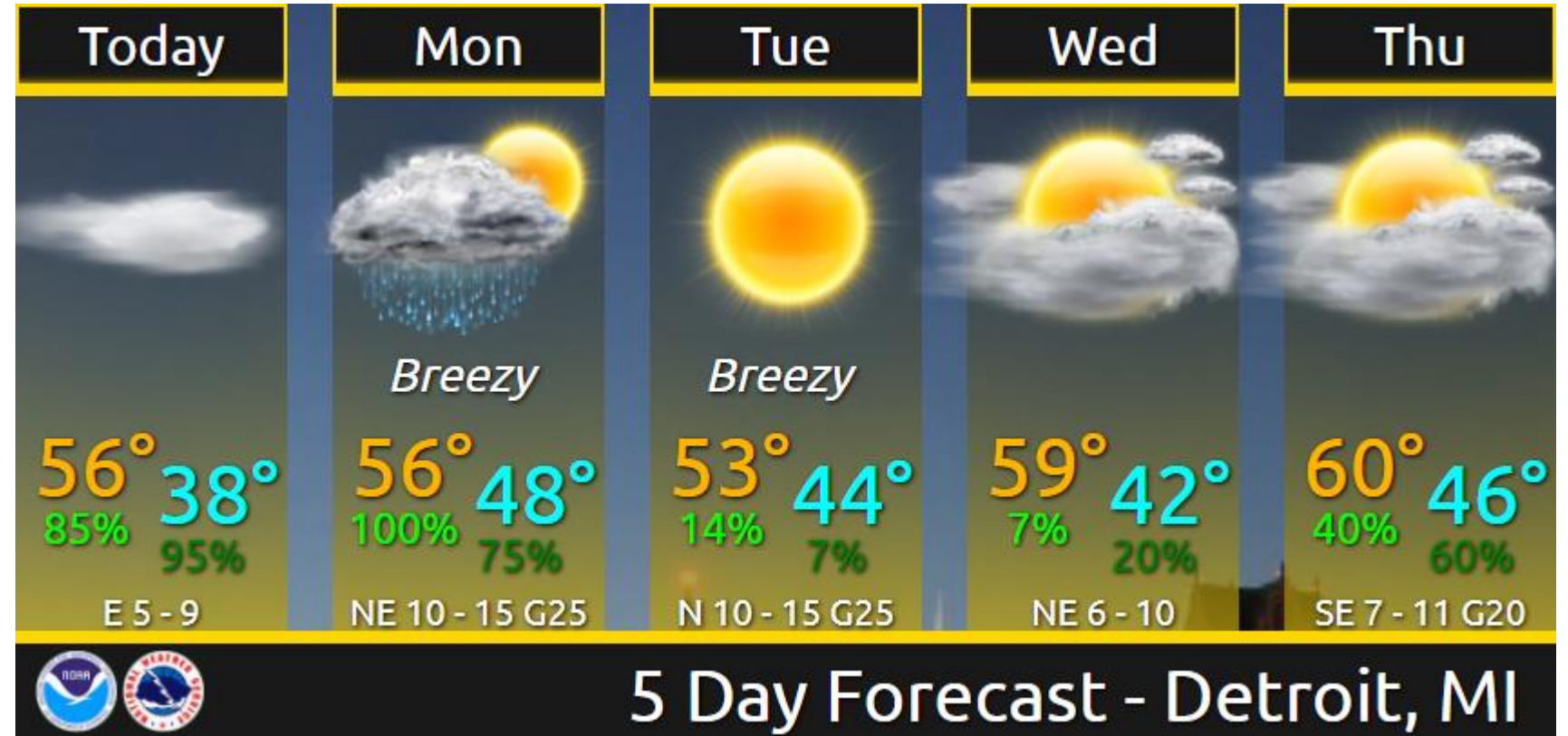


Post Event

Weather Outlook

KEY POINTS

- ✓ Dry but still breezy on Tuesday as high pressure fills in.
- ✓ Temperature moderate on Wednesday and Thursday with diminishing wind becoming more southerly.





Resources

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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