Weather Briefing
April 19, 2013

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National Weather Service
Detroit/Pontiac, MI

http://www.weather.gov/dtx

Email: w-dtx.webmaster@noaa.gov

Summary

- Continued flooding in and around the tri cities and northern thumb region.
- Moderate flooding expected along the Tittabawasse River in Midland and along the Saginaw River from Saginaw to Bay City
- Numerous roads are closed due to flooding.

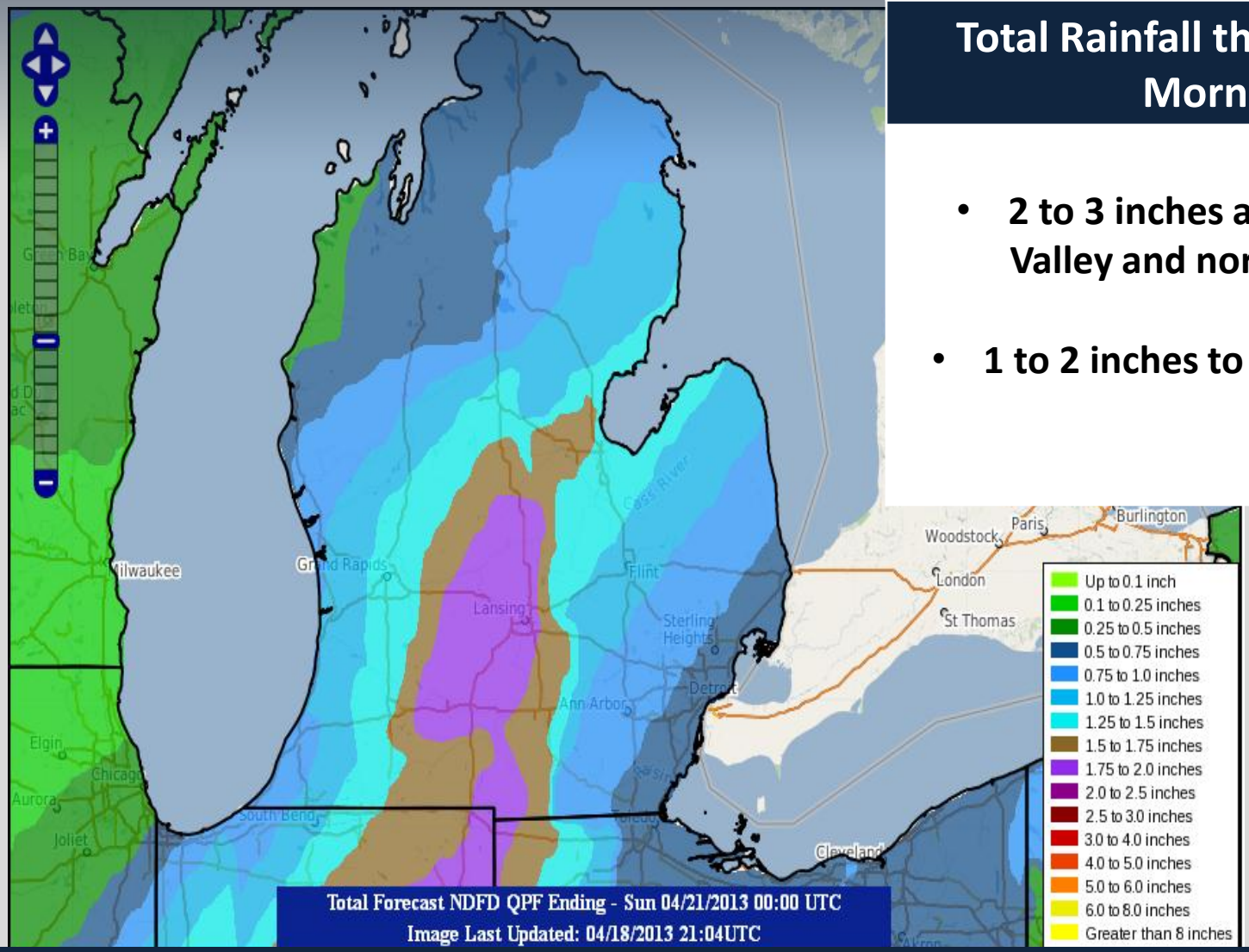
- A wind advisory is in effect today for all of Southeast Michigan.

Decision Support Briefing
Highlights

Flood Potential Summary

- Rain ending this morning.
- River Flooding persisting for several more days in the Tri Cities Region.

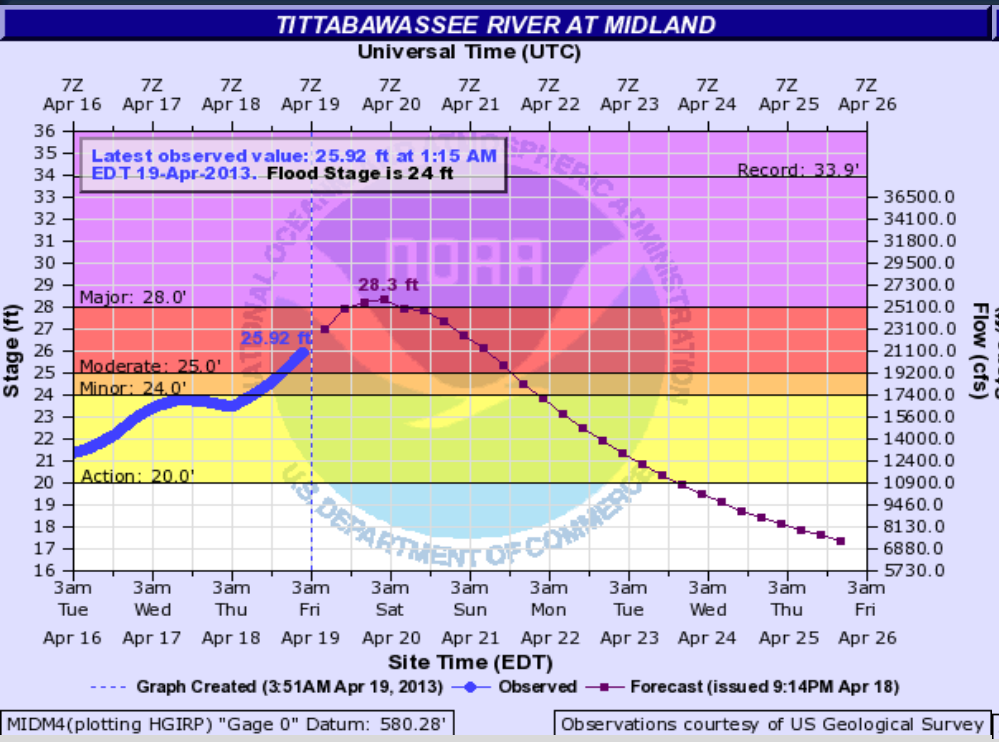
Storm Total Rainfall



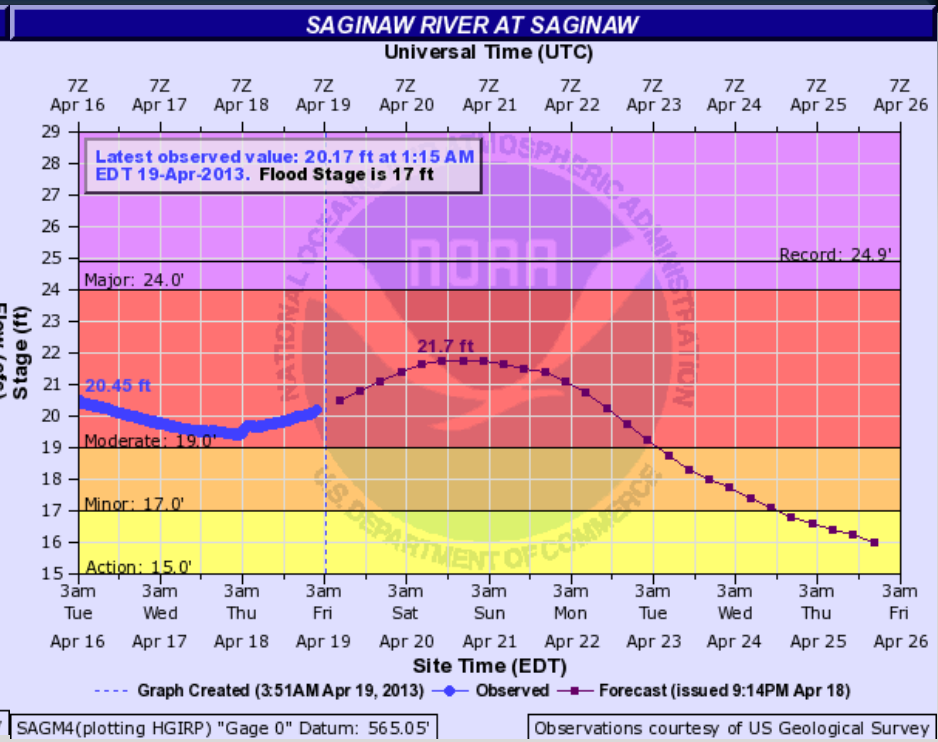
Total Rainfall through Friday Morning

- **2 to 3 inches across Saginaw Valley and northern Thumb.**
- **1 to 2 inches to south and east.**

River Response



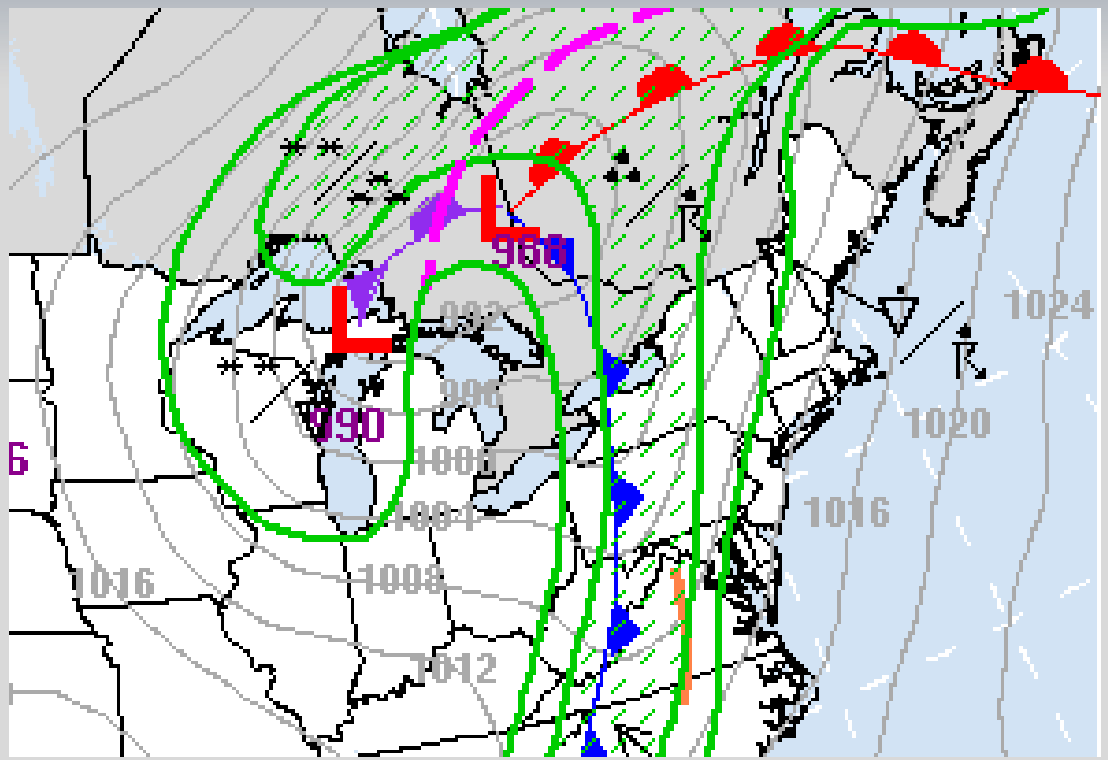
Tittabawassee River at Midland



Saginaw River at Saginaw

- **Tittabawassee hits major flood stage tonight.**
- **Saginaw stays above flood stage through Wednesday night.**

High Wind Potential Today



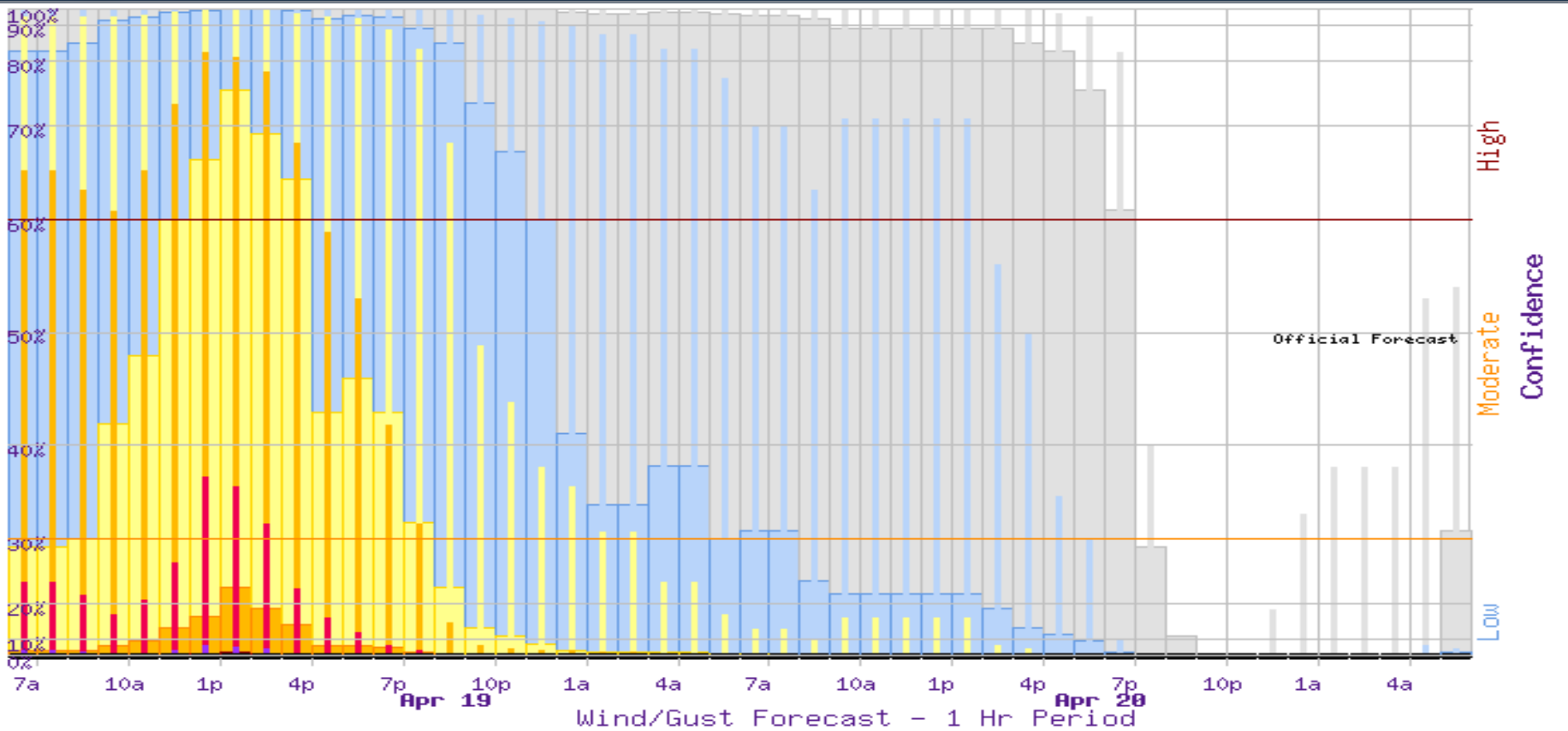
Westerly wind gusts of 45 mph expected behind the cold front on Friday.

Potential Impacts from Wind

Today's Wind	• Potential for gusts of 45 to 50 MPH, most likely between 10 AM and 7 PM. Wet ground will not be able to support trees as well in the wind • Expect some downed trees and associated power outages • The strongest wind gusts are expected north of the Interstate 69 corridor.

Power Outage Potential	High	Medium ✓	Low

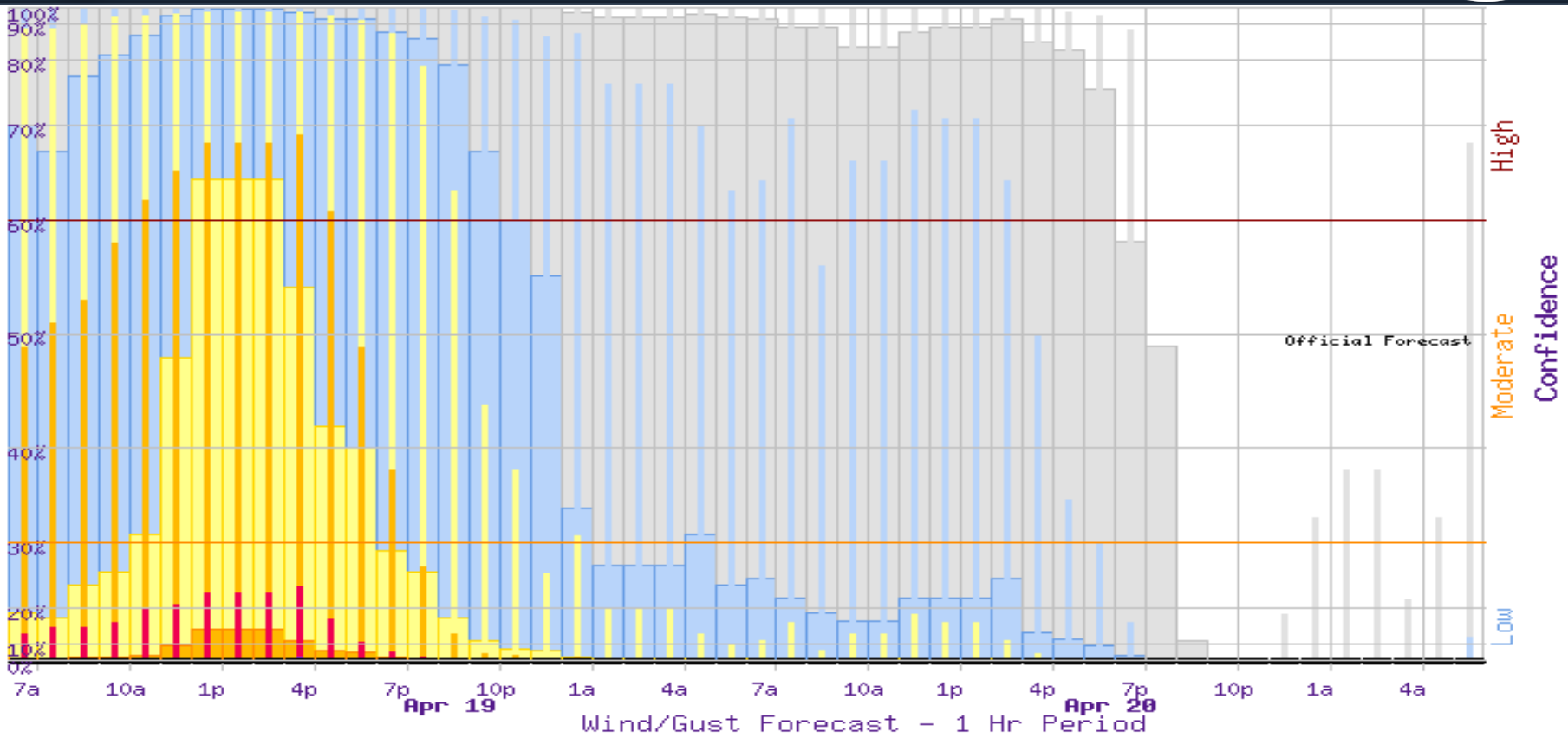
Wind Probabilities



Probability for Sustained / Peak Wind Achieving 10 mph
Probability for Sustained / Peak Wind Achieving 20 mph
Probability for Sustained / Peak Wind Achieving 30 mph
Probability for Sustained / Peak Wind Achieving 40 mph
Probability for Sustained / Peak Wind Achieving 50 mph
Probability for Sustained / Peak Wind Achieving 60 mph
Probability for Sustained / Peak Wind Achieving 70 mph

SAGINAW COUNTY

Wind Probabilities



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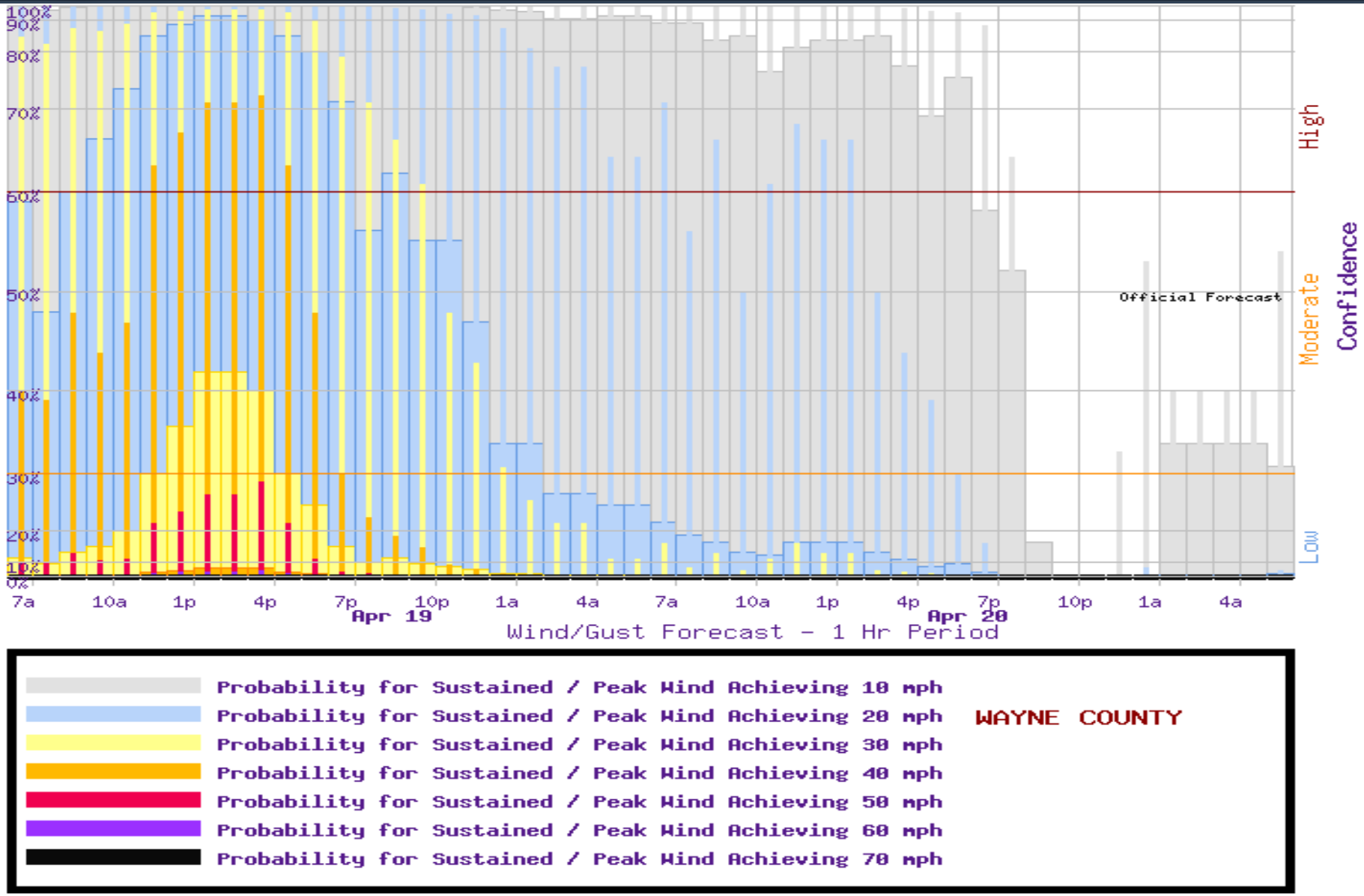
GENESEE COUNTY

Wind Probabilities



Additional Information

Local Hazards Page
http://www.weather.gov/detroit/svr.php

Rainfall Probabilities
http://www.crh.noaa.gov/dtx/ProbQPF.php

Wind Probabilities
http://www.crh.noaa.gov/dtx/?n=pwind

Impact Based Warnings Experiment
http://www.crh.noaa.gov/crh/?n=2013_ibw_info

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