

# Strong Winds Tonight With Lakeshore Flooding



## Moderate to Heavy Rain and Strong Winds Tonight

A few embedded thunderstorms possible this evening (mainly SE of I-57)



<p><b>THU</b></p> <p><i>Breezy</i></p> <p>Rain spreading northward PM</p> <p><b>48-59°</b></p> <p>40-45 Shore</p>	<p><b>FRI</b></p> <p><b>50-56°</b></p> <p>45-50 Shore</p>	<p><b>SAT</b></p> <p><i>Breezy</i></p> <p><b>60-70°</b></p>	<p><b>SUN</b></p> <p><i>Breezy</i></p> <p><b>50-55°</b></p> <p>45-50 IN Shore</p>
<p><b>THU NIGHT</b></p> <p><i>Windy</i></p> <p>Moderate to heavy rain</p> <p><b>33-40°</b></p>	<p><b>FRI NIGHT</b></p> <p><b>37-45°</b></p>	<p><b>SAT NIGHT</b></p> <p><b>36-43°</b></p>	<p><b>SUN NIGHT</b></p> <p><b>31-38°</b></p>

**Additional Details**

- Stronger system arrives today with strong winds and moderate to heavy rain this evening and overnight
- Wind gusts to 45 to 55+ mph strongest near lake & SE of I-55
- At least minor lakeshore flooding possible along the IL and IN shores
- See additional graphics for more details on tonight's wind and lakeshore flooding potential

### Weather Message of the Day:



- Strong winds likely this evening and overnight
- Main time window of concern: 7pm tonight thru 5 am Friday
  - Strongest winds after 9pm IL, after 11pm IN (CDT)
- Lakeshore Flooding Impacts this evening-Friday morning
- Moderate to Heavy Rain - a few embedded thunderstorms SE of I-57. Rainfall amounts up to 1-2"



### Important Forecast Changes

This is the first SITREP for this event. An update may be issued this afternoon if needed.

## Strong Winds Tonight With Lakeshore Flooding



### Hazards:

Strong winds and lakeshore flooding, along with ponding on some roads



### Areas Impacted:

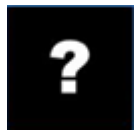
Areas mainly along and SE of I-55, especially areas along the lakeshore



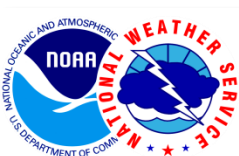
**Timing & Duration:** This evening into early Friday morning



**Impacts:** Objects blown around, tree damage, power outages, hazardous travel for high profile vehicles, lakeshore flooding impacts



**Certainty & Considerations:** The top end magnitude of the northerly wind gusts will be affected by the exact track and strength of the surface low pressure this evening, which remains a bit uncertain. Also affected will be the placement of the heaviest rainfall axis. Duration and magnitude of the strongest winds will also determine the magnitude of the lakeshore flooding impacts.



# Strong Winds Tonight With Lakeshore Flooding

## Strong Wind Potential



### Strong Winds Expected Tonight



#### WHAT

- Tree damage, possible power outages, objects & tents blown around, and hazardous travel due to 45-55+ mph gusts from north to northwest

#### WHEN

- This evening and overnight, strongest after 9PM

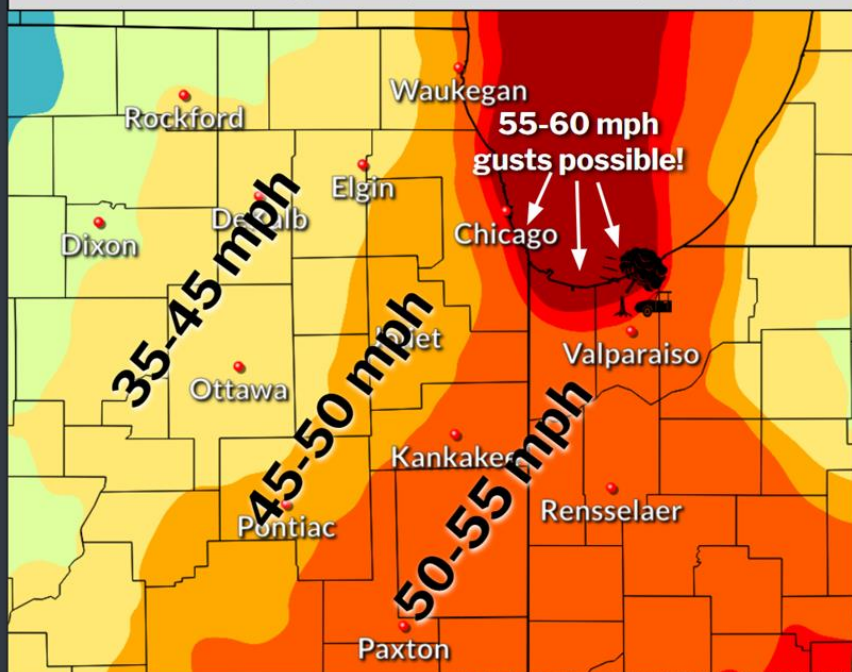
#### WHERE

- Strongest winds southeast of I-55 and near the lakeshore

#### ACTIONS

- Secure outdoor objects, including tents
- Use extra caution when driving, especially if operating a high profile vehicle on W-E roads
- Continue to stay tuned for forecast updates!

### Forecast Highest Wind Gusts Tonight



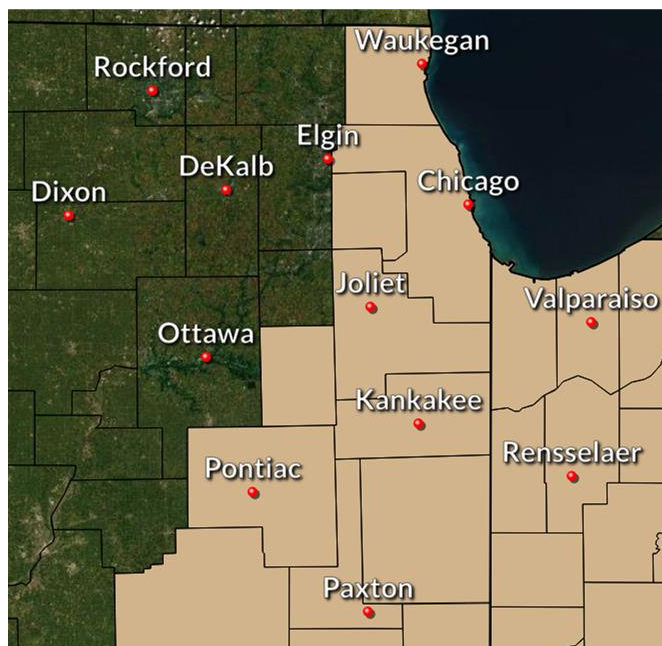
National Weather Service - Chicago

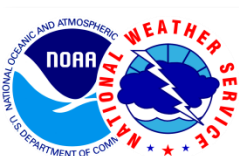
Weather.gov/Chicago

Thursday, March 25, 2021 5:54 AM CDT

### Additional Information:

- Wind advisory in effect for counties shaded in brown.
- Concern is there for a period of ~60 mph gusts near Lake MI between ~12am and 4am CDT





## Strong Winds Tonight With Lakeshore Flooding

### Lakeshore Flooding Risk

#### Lakeshore Flooding Possible Tonight

Stay off Trails, Piers, and Rocks along the Shore

#### WHAT

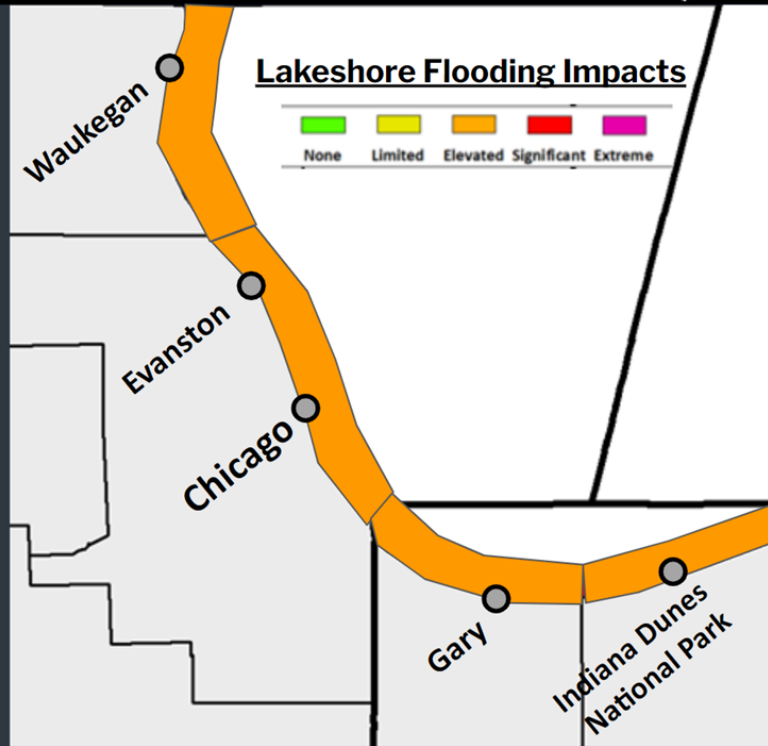
Inundation of parks, trails, and roads along the lakeshore due to a lake level rise caused by strong north winds along with large waves to 8 to 14 feet (IL Shore) and 12 to 16 feet (IN shore)

#### WHEN

Late this evening through Friday morning

#### ACTIONS

- ✓ Avoid any flooded roads, lakeshore parks, trails, breakwalls, and structures such as piers and jetties.
- ✓ Protect property from rising water levels.



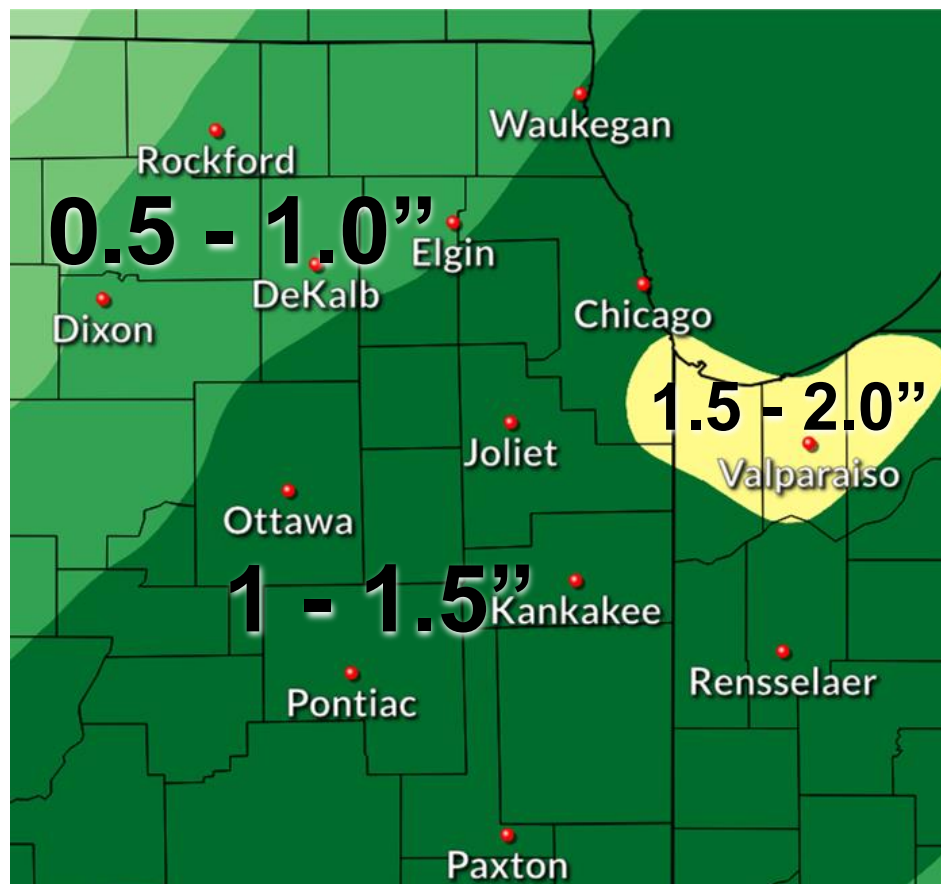
#### Additional Information:

- Strong northerly winds tonight will result in lakeshore flooding impacts along the Lake Michigan shore
- Greatest impacts expected across the Indiana Shore. Upgrade to Lakeshore Flood Warning may need to be considered for Lake (IN) & Porter.

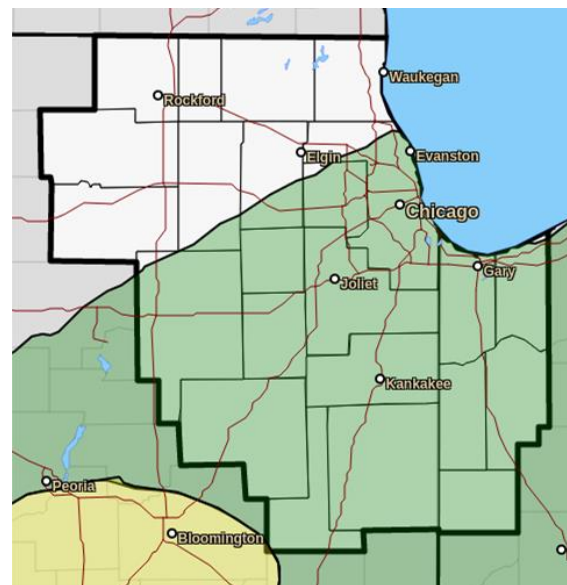


## Strong Winds Tonight With Lakeshore Flooding

### Moderate to Heavy Rain Potential



Weather Prediction Center  
Excessive Rainfall Outlook  
Thursday, March 25, 2021



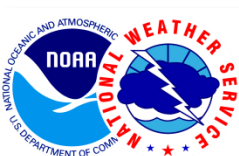
Probability of excessive rainfall leading to rapid onset flooding.\*

- High Risk: >50%
- Moderate Risk: 20-50%
- Slight Risk: 10-20%
- Marginal Risk: 5-10%

\* Within 25 miles of a point.  
May not represent localized flooding threat over burn scars.

### Additional Information:

- Moderate to heavy rain is expected late this afternoon through tonight.
- Rainfall amounts generally in the 1 to 2" range are possible before rain comes to an end early Friday morning.
- This may result in ponding on area roadways and river/stream rises.
- A few embedded thunderstorms are possible, mainly southeast of I-57 this evening



# Strong Winds Tonight With Lakeshore Flooding

## Outdoor Health Facility-Specific Information

### What:



Winds from north to northwest of 20-35 mph, gusts of 35-55 mph could compromise tent structures

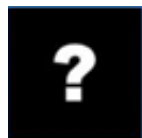
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**Where:** Strongest winds/gusts near Lake MI in northeast IL & across east-central Illinois and northwest Indiana



**When:** Tonight, strongest winds after 9pm



**Confidence:** High in 20+ mph sustained winds & 30+ mph gusts



## High Wind Facts and Preparedness



### Quick facts you should know about High Winds

- Wind gusts of 50-60 mph could cause some tree limbs to be blown down, as well as cause sporadic power outages.
- These winds will likely compromise outdoor tent structures.
- Driving high profile vehicles can be very dangerous.

### Preparedness

- A **Wind Advisory** means that sustained winds (not associated with thunderstorms) of 30 to 39 mph and/or gusts between 45-57 mph are expected for a duration of at least 1 hour.
- A **High Wind Warning** means that sustained winds (not associated with thunderstorms) of 40 mph or greater, and/or gusts in excess of 58 mph are expected for a duration of a least 1 hour.
- A **High Wind Watch** means that sustained winds (not associated with thunderstorms) of 40 mph or greater, and/or gusts in excess of 58 mph are possible for a duration of a least 1 hour.
- Use extra caution when driving, especially if operating a high profile vehicle.
- Secure outdoor objects

## Other Resources

- [Check out our Weather Watcher webpage](#)– ideal for someone in charge of monitoring the weather ahead of and during an event!
- [Information on storm safety and storm preparedness](#)
- [Enhanced Hazardous Weather Outlook](#) – helps you figure out which days you need to be mindful of hazardous weather!

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