

4th of July Severe Weather Risk

July 4, 2023
4:53 AM

Hot Day With Storms in the Afternoon and Evening

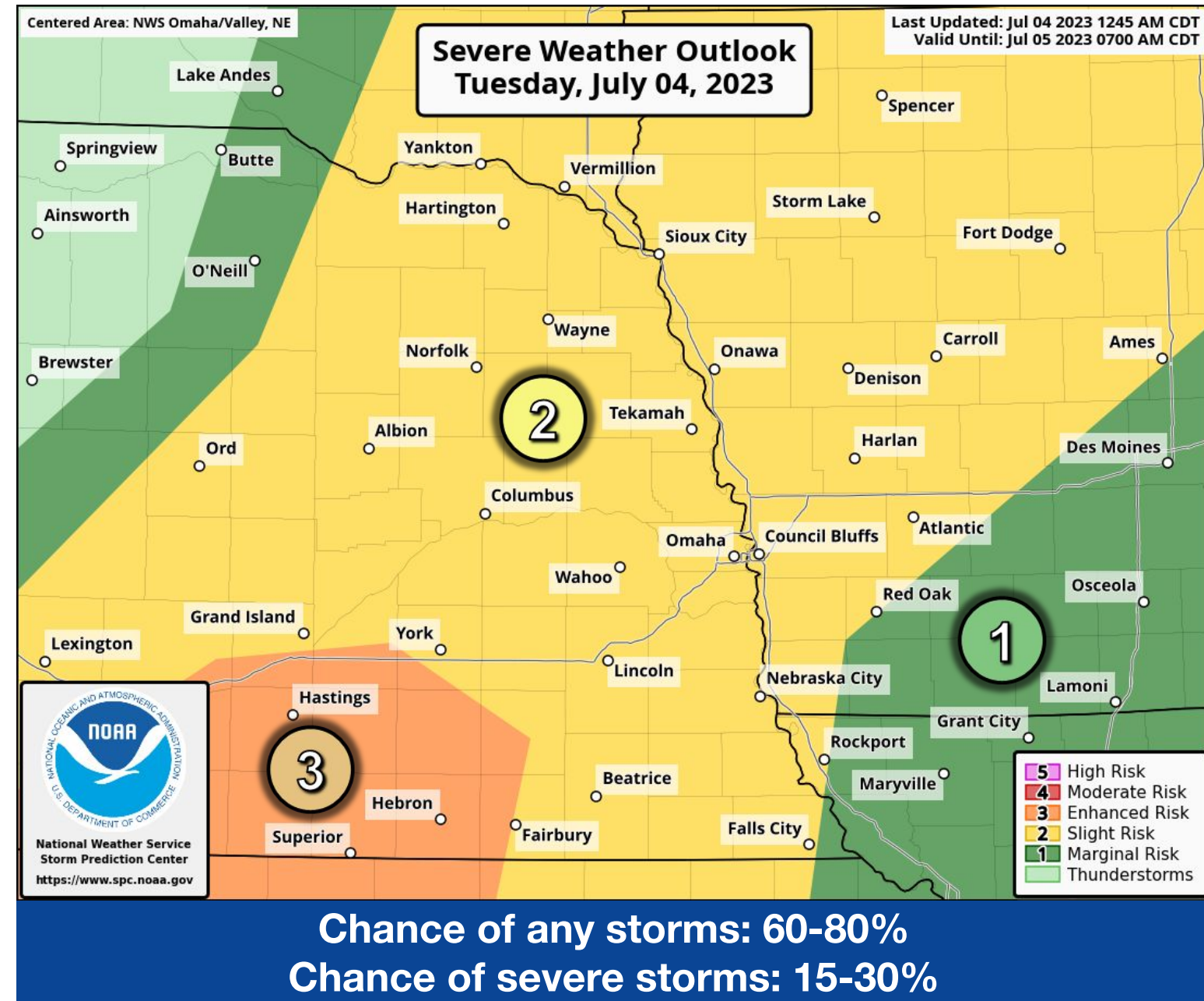
Key Messages

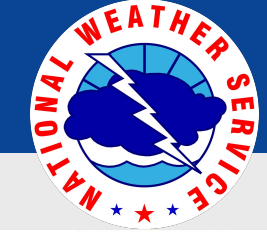
- Line of strong to severe storms to move through the area with the greatest severe weather risk from 4 PM through midnight.
- Damaging winds, large hail, and locally heavy rain/flooding are the primary threats.

Important Forecast Changes

- Omaha NOAA Weather Radio transmitter remains out of service. Be sure to have multiple ways to receive warning information.

Overall Forecast Confidence



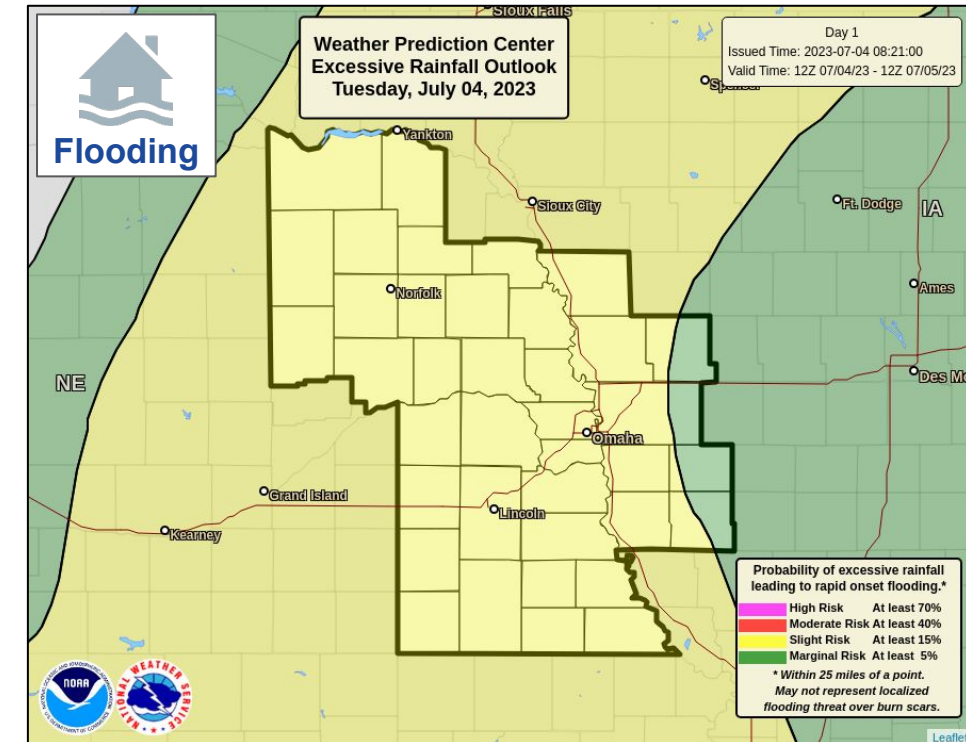
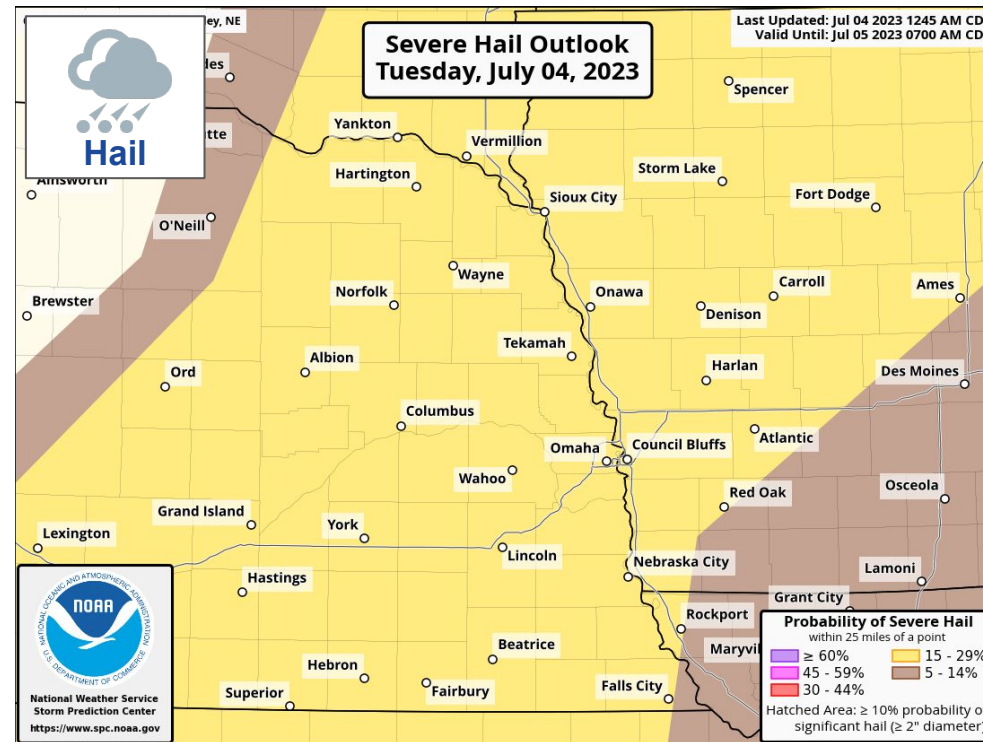
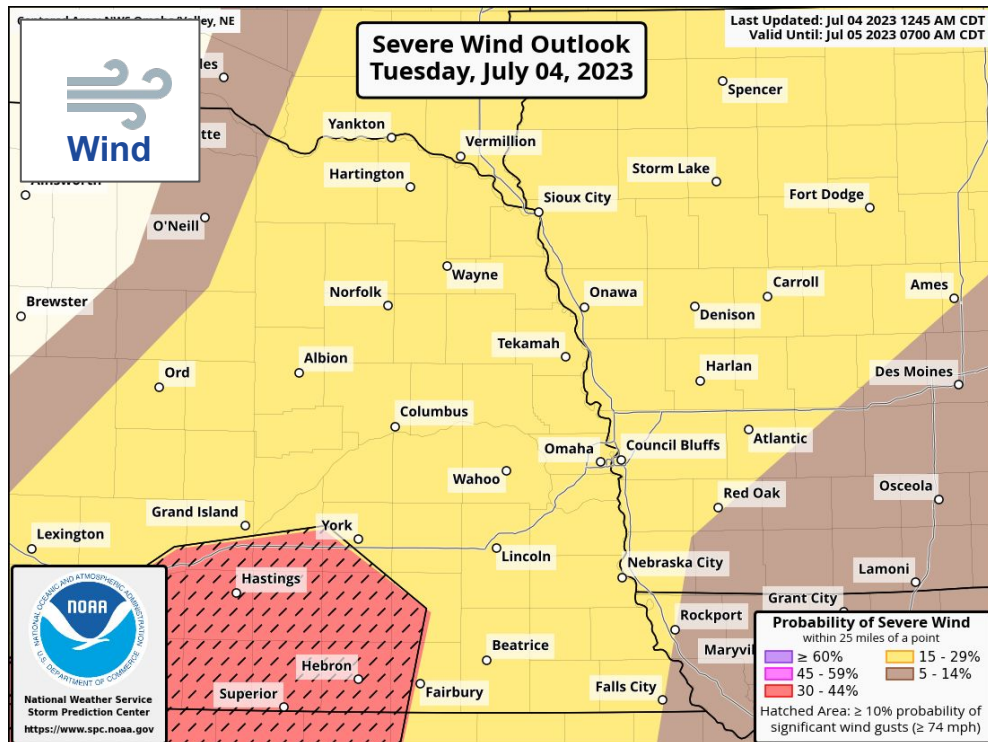


Severe Weather Hazards

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Individual Hazard Details

- Damaging winds, large hail, and locally heavy rain/flooding are the primary threats.
- Flooding most likely in areas that received heavy rainfall in recent days.
- Even without severe weather, lightning will be a hazard to those spending time outdoors.
- Little to no tornado risk.



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Omaha/Valley, NE



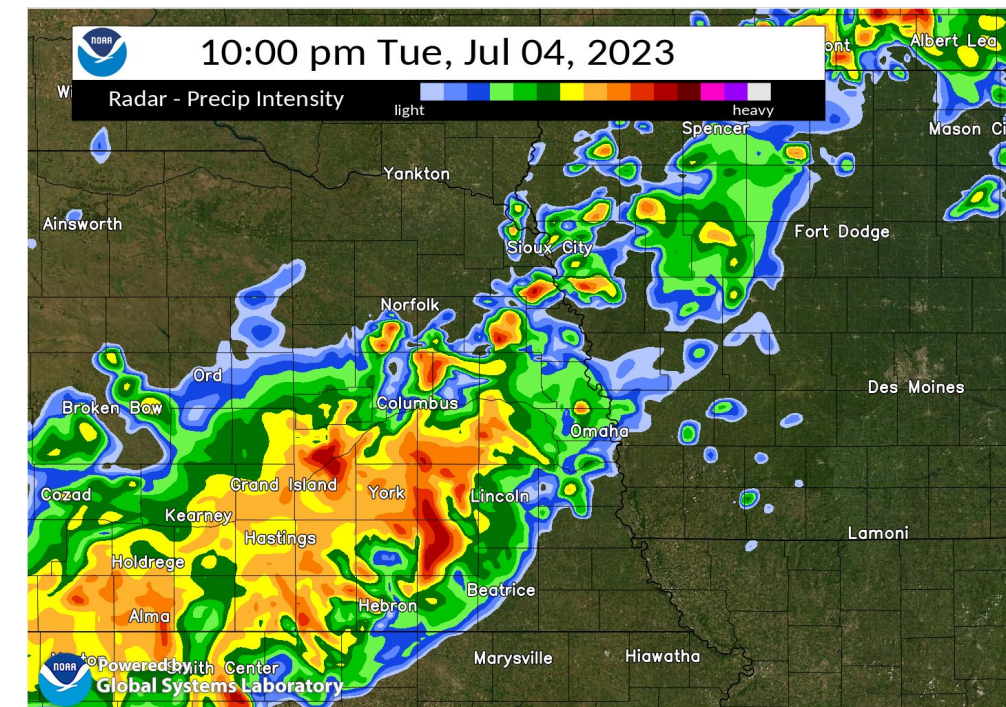
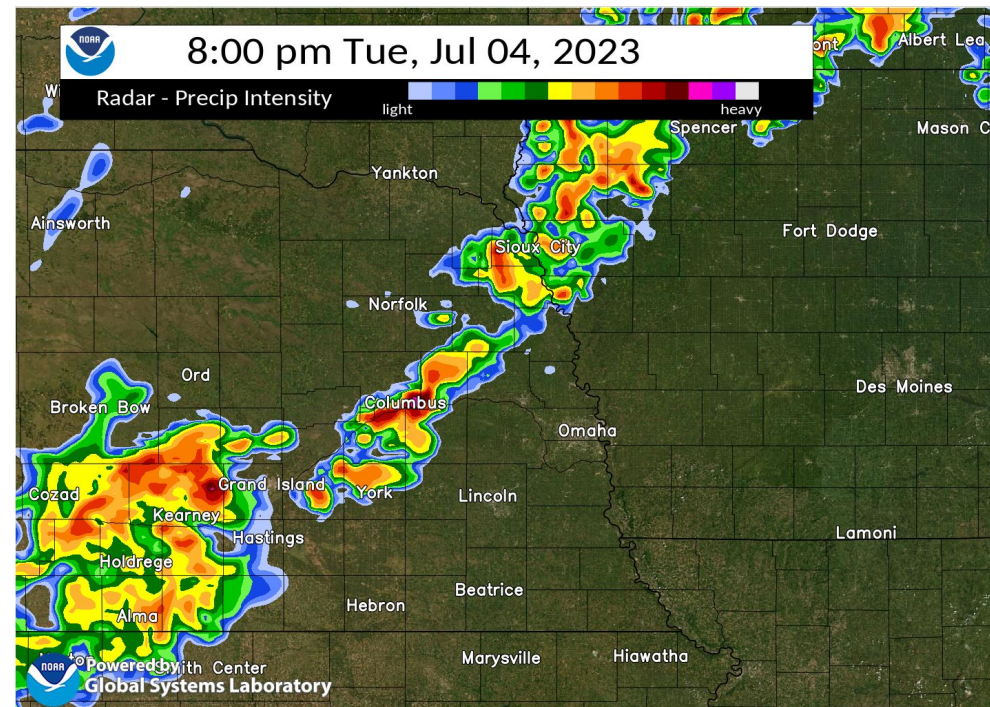
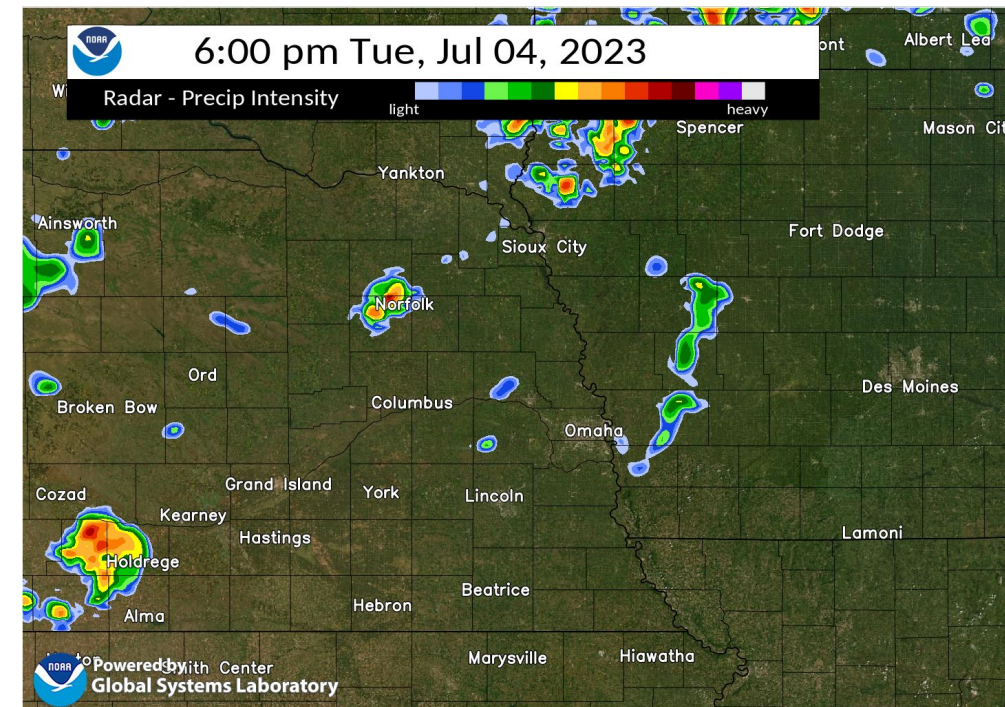
Approximate Storm Timing

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What Radar Might Look Like

Timing Details

- Storms develop across central Nebraska by 4 PM.
 - ◆ A few spotty showers and storms may develop farther east earlier in the day. These are not expected to be severe.
- Line of storms moves across eastern Nebraska and western Iowa through the evening.
- Storms should gradually weaken as we approach midnight, but precip will linger into the early morning hours on Wednesday.





Omaha Weather Radio Down

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Current Status

→ The Omaha NOAA Weather Radio transmitter is currently out of service

Restore Time

→ Unknown. Waiting on communications company for repair.

What You Should Do

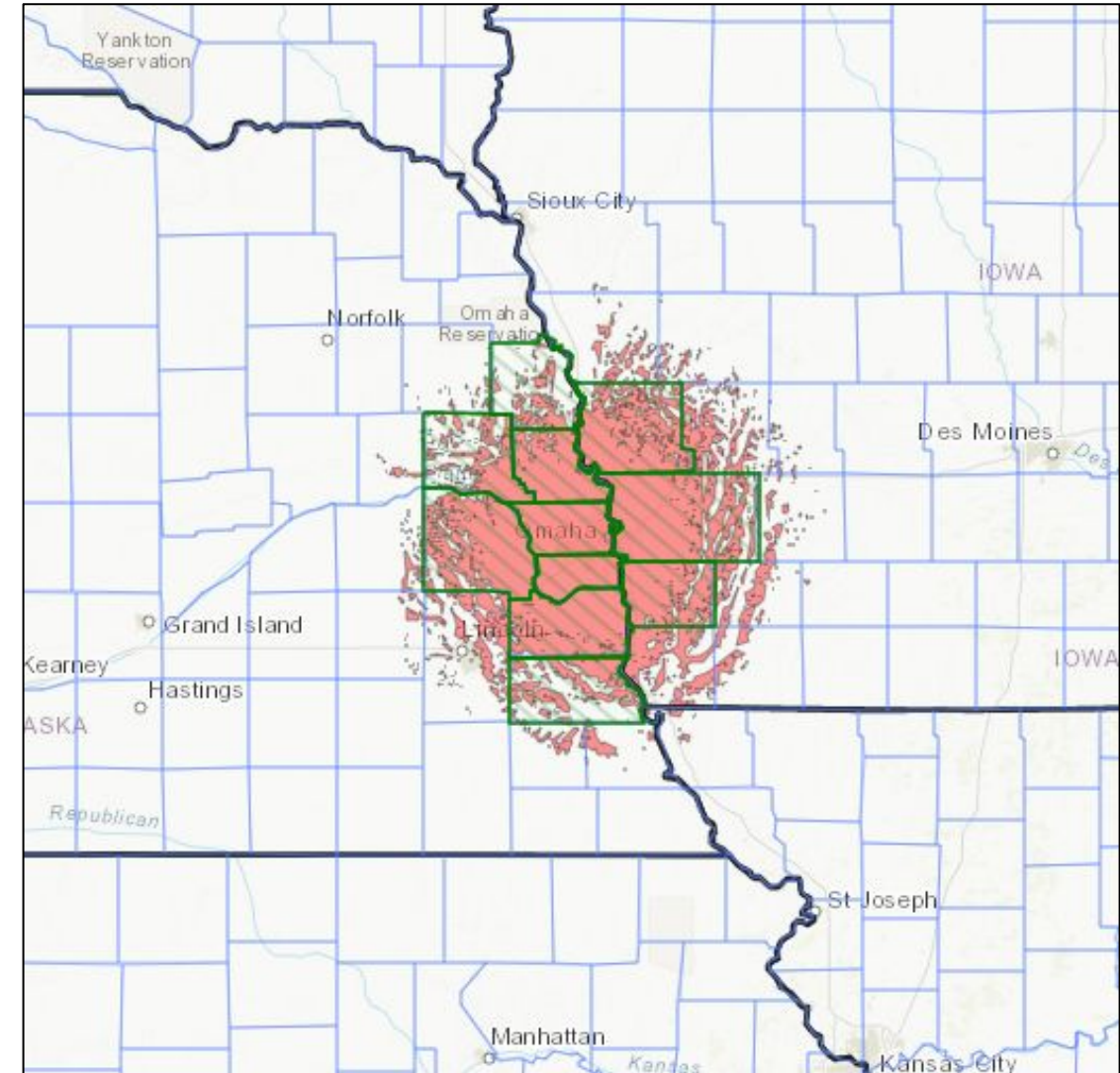
→ Check to see if you can receive clear transmission from any neighboring transmitters. If so, change your radio channel programming to reach that transmitter.

→ ***ALWAYS have more than one way to receive warnings. WEA, reliable apps, text message services, etc.***

Neighboring Weather Radio Transmitters

- Lincoln, NE – WXM20 – 162.475
- Columbus, NE – WNG549 – 162.450
- Carroll, NE – WXL77 – 162.550
- Sioux City, IA – WXL62 – 162.475
- Denison, IA – WNG668 – 162.550
- Hancock, IA – KZZ52 – 162.525
- Essex, IA – KZZ50 – 162.550
- Shubert, NE – KWN41 – 162.500

Coverage Area





Safety and Resources

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6 WAYS to receive a warning

NOAA Weather Radio

Local TV and Radio

WEA

Wireless Emergency Alerts & Weather Apps

Outdoor Sirens

weather.gov mobile.weather.gov

Internet Sites

From Your Friends, Family and Coworkers

weather.gov

Additional Resources

- [NWS Omaha Web Page](#)
- [NWS Omaha Weather Story Graphics](#)
- [Hourly Forecasts for a Point](#)
- [Severe Weather Outlooks](#)
- [Excessive Rainfall Outlooks](#)
- [River Information](#)



How To Report SEVERE WEATHER To The NWS

FACEBOOK

facebook.com/nwsomaha

TWITTER

[@NWSOmaha](https://twitter.com/NWSOmaha)

EMAIL

nws.omaha@noaa.gov

MOBILE APP

mPING

EASY ONLINE FORM

inws.ncep.noaa.gov/report/

