



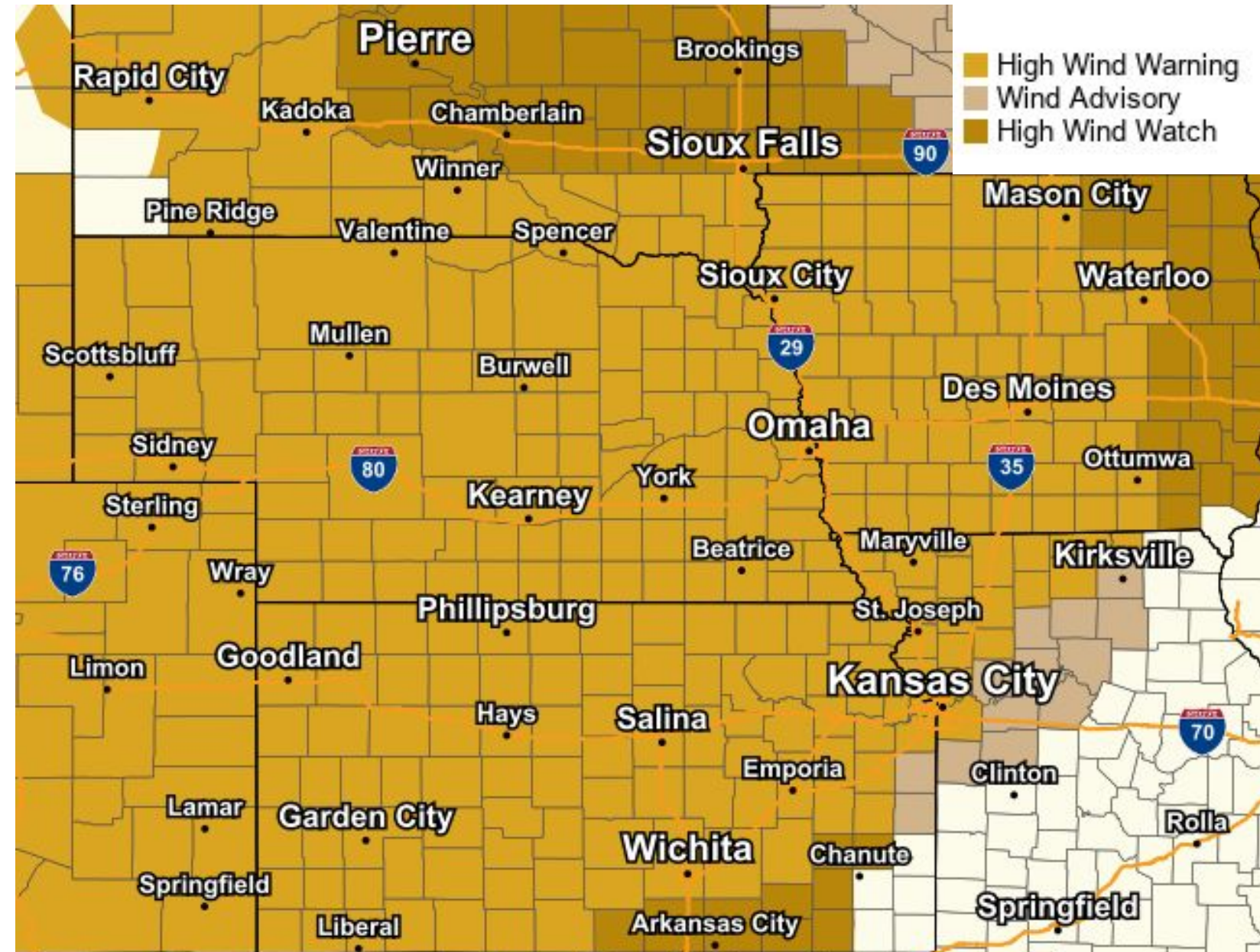
Rare High Impact Weather Wednesday

December 14, 2021
3:04 PM

Make Sure You Are Weather Aware Tomorrow

Key Messages

- **Widespread wind damage** will occur (**95%**). Wind gusts from 55 to 75 mph will occur areawide (> **95%**). Higher gusts possible.
- **Extremely dangerous fire weather** conditions will develop (> **95%**), especially south of I-80.
- **A line of thunderstorms** may develop (**50%**). If storms develop, they will cause locally intensified wind damage. A few tornadoes are possible.
- **Snow & wind** are likely (>**60%**) to reduce visibilities for 1-2 hrs & cause slick roads in northeast NE.
- **This is a rare weather scenario.** The most similar in recent memory is Christmas of 2016 when widespread wind damage occurred. This storm appears to be stronger in many areas.





Very Strong Winds Wednesday

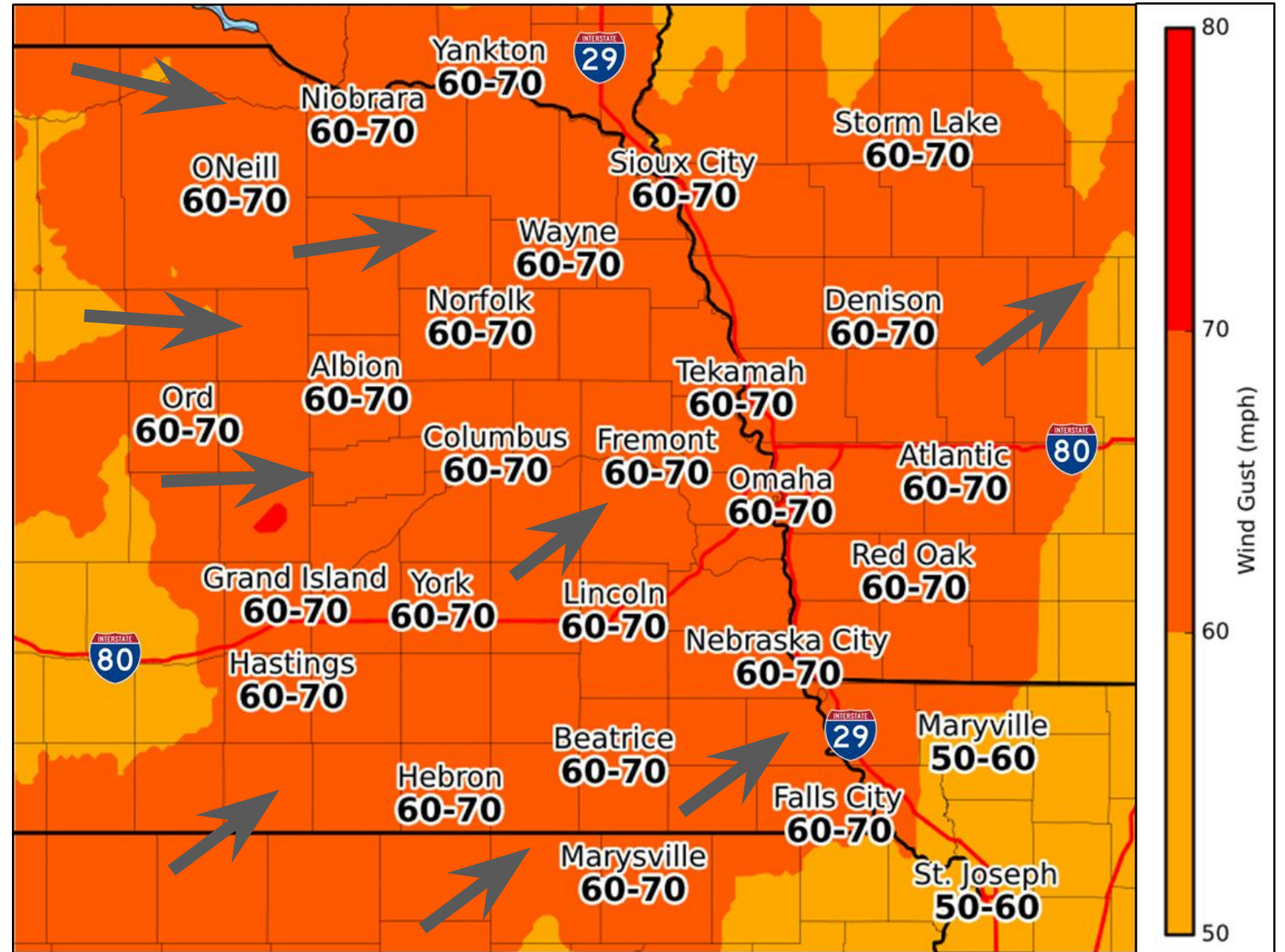
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Event Details

- Widespread wind gusts from 55 to 75 mph. Higher gusts possible.
- Strongest winds will be from **noon through 8 PM** for most of the area.
 - ◆ **Best potential for gusts > 70 mph 3 PM - 9 PM in northeast NE**
- Southerly winds becoming SW by 3 PM, and turning to the WNW by 7 PM.

Impacts

- **Plan for damage to trees, power lines, and some structures. Power outages are likely.**
- Travel will become very difficult for high-profile vehicles on both I-80 and I-29.
 - ◆ Potential travel delays due to overturned trucks.
- Areas of blowing dust and reduced visibility.
- Unsecured outdoor furniture, holiday decorations, and other loose objects will get blown away.



Most Likely Peak Wind Gusts Wednesday (Locally Stronger)
Arrow = Direction of Strongest Winds



What Time Will Maximum Winds Occur?

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Approximate Time Windows and Maximum Gust Speeds

	Wed 9 AM-12 PM	Wed 12 PM-3 PM	Wed 3 PM-6 PM	Wed 6 PM-9 PM	Wed 9 PM-12 AM
Northeast Nebraska Norfolk, Hartington, Wayne, Niobrara	35-45 mph ↑	45-55 mph ↑	55-65 mph ↗	65-75 mph →	55-65 mph ↘
Southeast Nebraska Lincoln, Fairbury, Falls City, Beatrice	35-45 mph ↑	55-65 mph ↗	65-75 mph ↗	55-65 mph →	35-45 mph →
East Central Nebraska Columbus, Fremont, Wahoo, etc.	35-45 mph ↑	45-55 mph ↑	65-75 mph ↗	65-75 mph →	45-55 mph ↘
Southwest Iowa Red Oak, Clarinda, Harlan, etc.	35-45 mph ↑	45-55 mph ↑	55-65 mph ↗	65-75 mph →	45-55 mph →
Omaha / Council Bluffs And surrounding metro	35-45 mph ↑	45-55 mph ↑	65-75 mph ↗	55-65 mph →	45-55 mph →

For timing specific to your location, please visit this link and navigate the map to your area of interest: <https://www.weather.gov/forecastpoints>



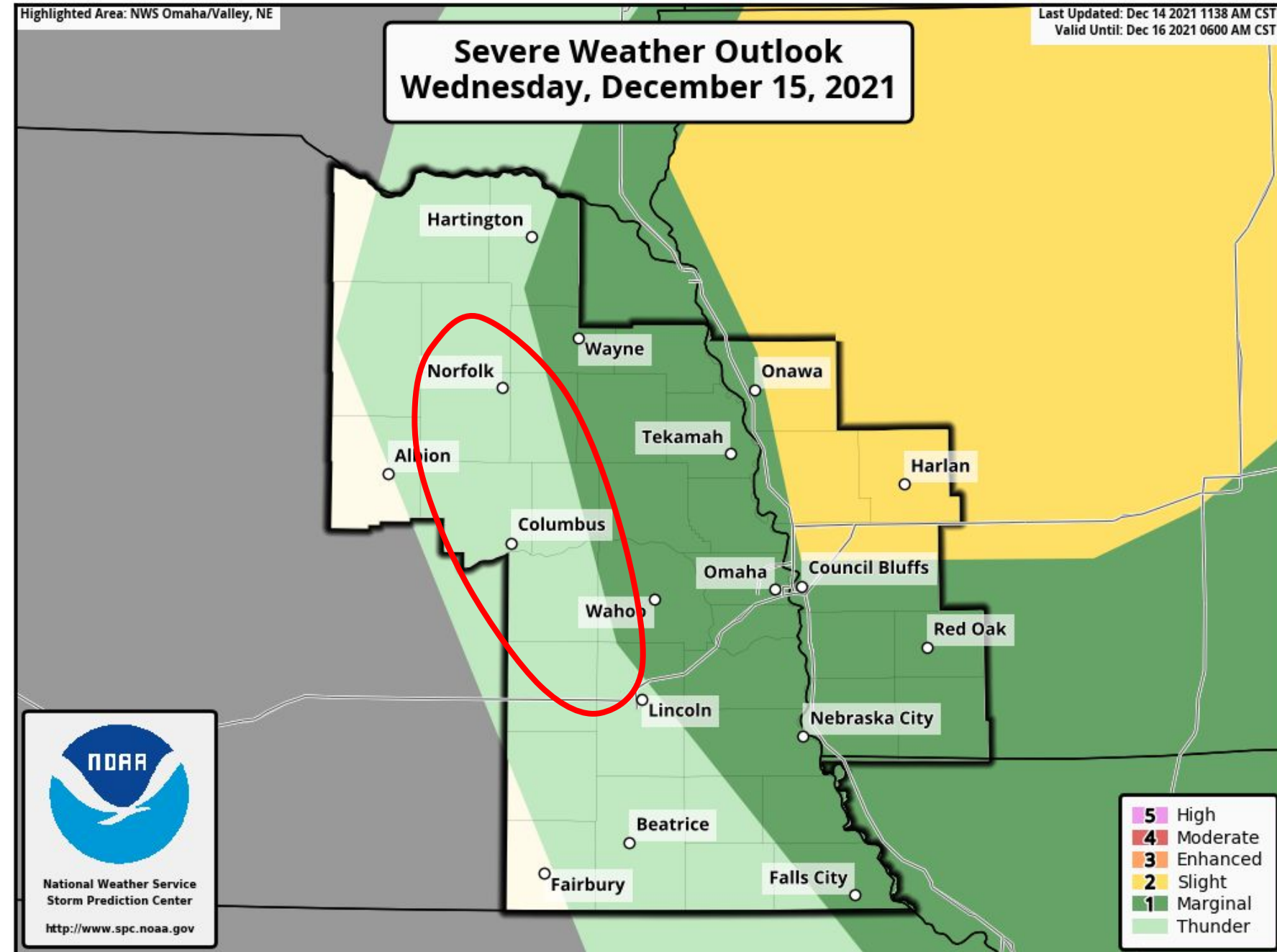
Severe Storms Possible

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Short-Lived Severe Weather Threat Wednesday Afternoon

Key Messages

- Thunderstorms will develop in the afternoon.
 - ◆ Wherever thunderstorms develop, even stronger winds will likely occur.
 - ◆ There is a chance for tornadoes to develop as well.
 - ◆ Greatest uncertainty is how far west the storms will develop. Red circled area has some potential for storms as well.
- Greatest severe weather threat from **1 PM to 6 PM.**
- If storms develop, they would be very fast moving; likely 60-90 mph.
- Damaging winds are the primary threat **with gusts greater than 70 mph.** A few tornadoes are also possible.





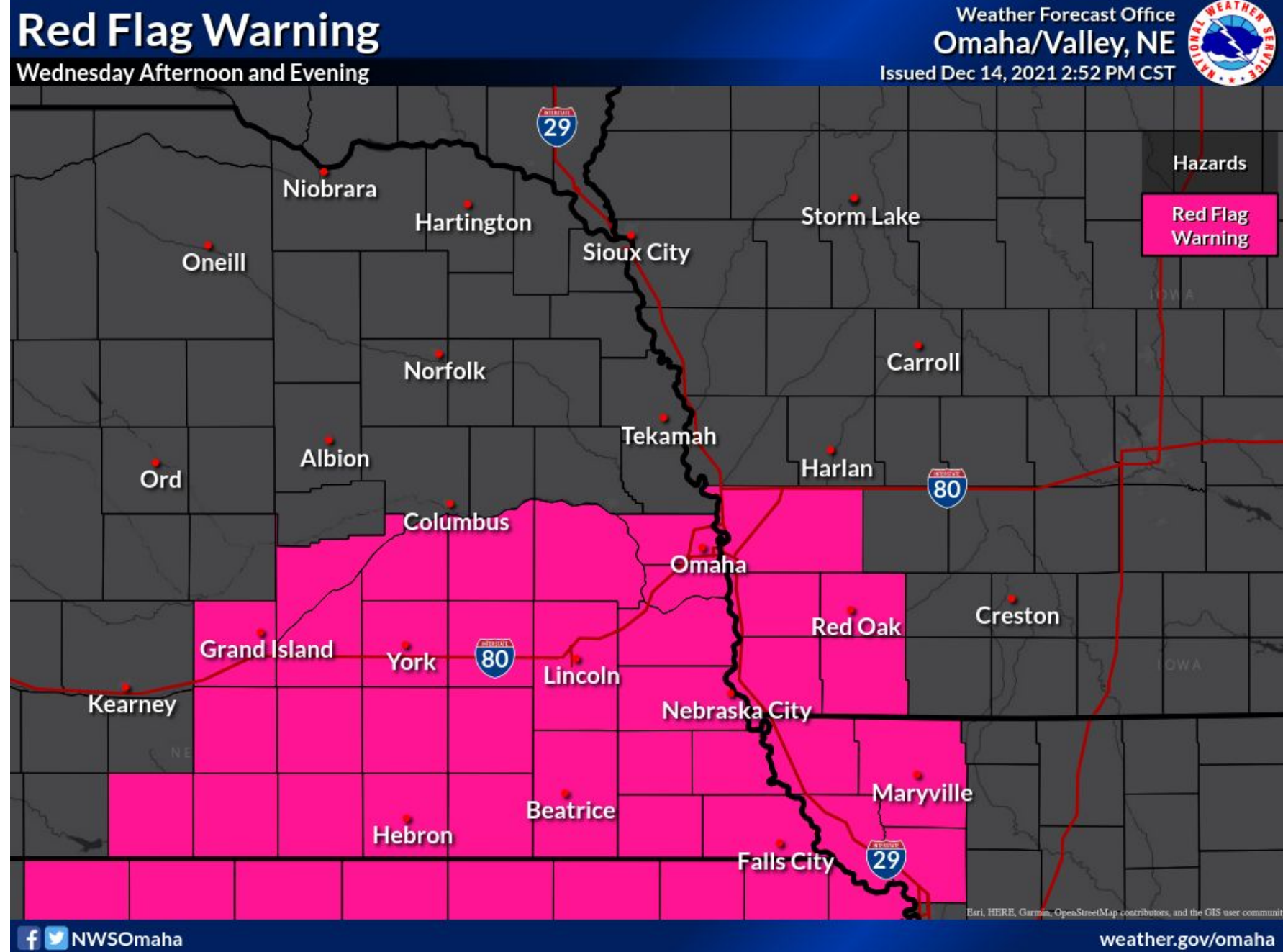
Extreme Fire Danger Wednesday

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Red Flag Warning - Wednesday Afternoon and Evening

Key Messages

- This is a rare combination of conditions supporting extreme fire behavior, particularly in far southern NE and far southwest IA.
- Worst conditions Wed. from **3 PM to 7 PM.**
- Downed powerlines and/or powerline arcing will be sources of fire starts.
- **Fires will be very hard if not impossible to control.** Fire will spread at extreme rates of speed.
- Any lingering burns from earlier days this week may re-ignite. Be sure they are fully extinguished!



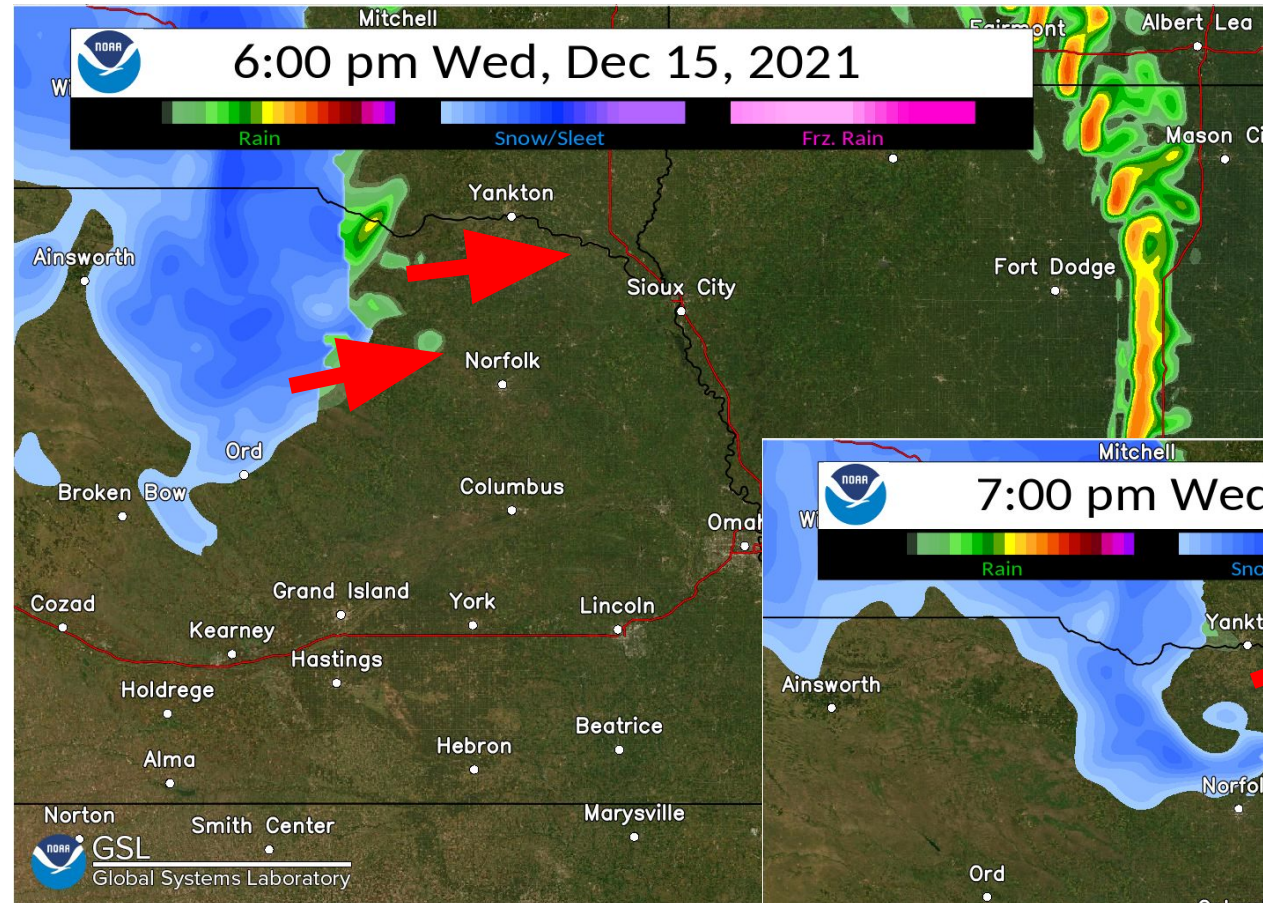


Wintry Weather Potential

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Key Messages

- The combination of snow, wind gusts 55-75+ mph, and incoming colder air could make travel hazardous in northeast Nebraska Wednesday evening.
- Greatest threat from **5 PM to 9 PM in northeast Nebraska.**
- Brief whiteout conditions in blowing snow could occur.
- Slick driving conditions may be possible.
- Only very minor snow accumulations are expected.





Record Warm Temperatures

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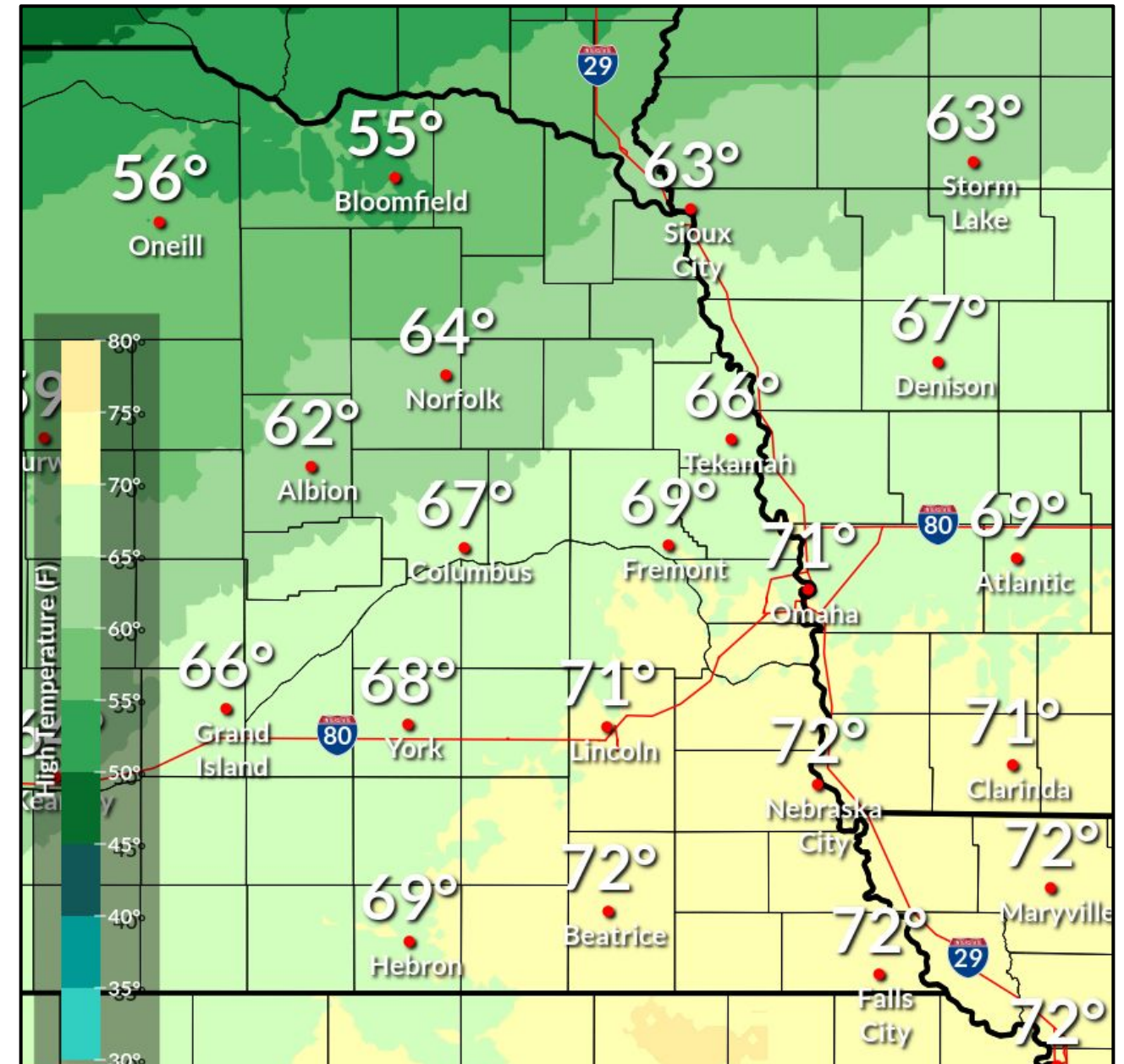
Maximum Temperature Forecast for Wednesday

Key Messages

- Very warm, record breaking temperatures are forecast across most of the area.
- These values would be near all-time highs for the month of December at Lincoln and Omaha.

Current Record Highs for December 15

- Norfolk, NE 64° in 2002
- Lincoln, NE 64° in 2002
- Omaha, NE 61° in 2002





Points to Remember

- Secure loose, outdoor items. Bring holiday decorations inside if possible.
- Avoid burning south of I-80.
- High-profile vehicles should use extreme caution.

Additional Resources

- [NWS Omaha Web Page](#)
- [Weather Safety](#)

Social Media: [Facebook](#) | [Twitter](#)

When the Wind Blows

High winds can create dangerous fallen or blowing objects.

- Head Inside Immediately**: Identify an interior room in your house or at work that you can take shelter in during high wind warnings.
- Stay Clear of Hazards From Above**: High winds can create dangerous fallen or blowing objects.
- Stay Clear of Trees**: High winds can create dangerous fallen or blowing objects.
- Beware of Loose Outdoor Items**: High winds can create dangerous fallen or blowing objects.
- Be Careful on the Road**: If you are driving and aren't near a sturdy building, hold the steering wheel with both hands and slow down. Keep a distance from high profile vehicles.

[weather.gov/wind](https://www.weather.gov/wind)