



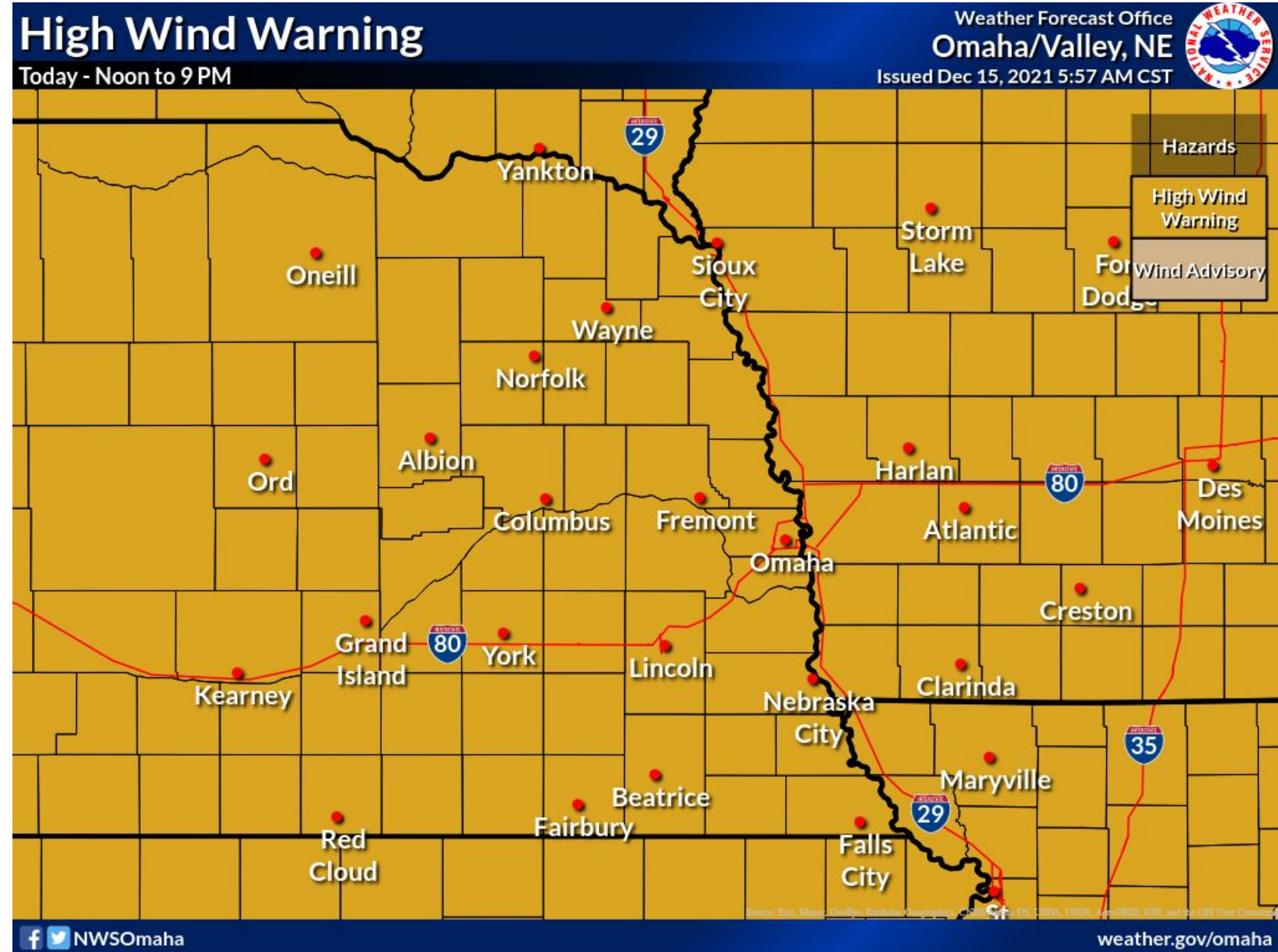
# High Impact Weather Today

December 15, 2021  
10:58 AM

Make Sure You Are Weather Aware! Prepare to Act Quickly!

## Key Messages

- **Widespread wind damage** will occur (**95%**). Wind gusts from 55 to 70 mph will occur areawide (> **95%**). Higher gusts possible.
- **Extremely dangerous fire weather** conditions will develop (> **95%**), especially south of I-80.
- **Severe storms** are likely (> **80%**). Very fast moving storms with intense wind and a few tornadoes.
- **Snow & wind** are likely (> **60%**) to reduce visibilities for 1-2 hrs & cause slick roads in far 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

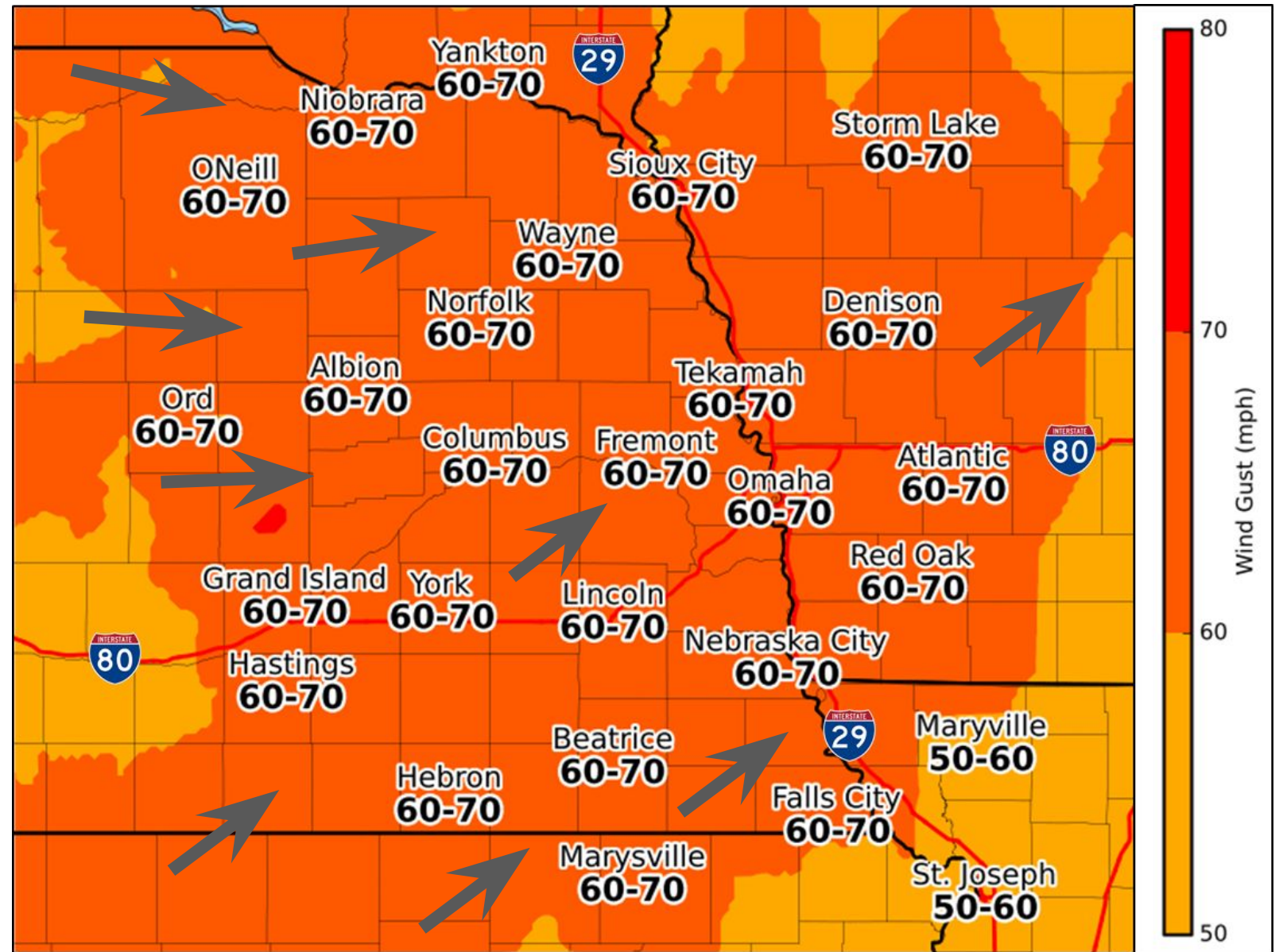
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## Event Details

- Widespread wind gusts from 55 to 70 mph. Higher gusts possible.
- Strongest winds will be from **1 PM through 10 PM** for most of the area.
  - ◆ **Best potential for gusts > 70 mph 4 PM - 8 PM**
- 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 (Locally Stronger)**  
**Arrow = Direction of Strongest Winds**





# What Time Will Maximum Winds Occur?

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Wind Speed timing - These are \*average\* gusts at that hour (speeds in mph)

	Wed																		Thu	
	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	Maximum
Albion	20	21	21	22	25	31	44	49	48	56	56	63	61	58	47	45	45	43	40	63
Beatrice	26	29	29	31	40	44	48	54	55	61	68	64	61	54	46	40	39	38	40	68
Clarinda, IA	26	28	30	33	38	40	44	47	56	56	60	56	62	52	52	47	44	41	41	62
Columbus	22	23	23	26	29	31	43	48	52	55	54	56	64	55	49	45	43	40	39	64
Fairbury	24	26	28	30	38	44	51	54	54	64	69	59	61	53	46	40	37	38	39	69
Falls City	29	30	31	37	41	46	48	52	56	58	60	58	66	52	49	46	43	43	38	66
Fremont	23	25	25	26	29	33	43	48	53	55	47	56	68	60	52	47	43	40	43	68
Harlan, IA	26	26	28	30	36	36	40	45	49	54	55	61	59	61	60	54	48	44	43	61
Lincoln	25	29	29	32	39	43	47	52	55	60	55	63	63	56	48	44	38	38	38	63
Nebraska City	25	28	28	30	38	40	45	48	53	58	62	58	56	54	54	48	46	45	45	62
Neligh	21	21	21	25	29	33	39	47	53	53	51	62	63	60	52	51	47	46	43	63
Norfolk	18	21	22	25	28	31	40	45	49	55	58	61	63	61	54	46	43	41	40	63
Omaha	22	23	25	28	38	36	41	44	47	54	61	56	58	60	53	47	40	38	39	61
Onawa, IA	21	23	24	26	29	33	39	45	48	53	55	58	56	64	52	46	43	41	41	64
Red Oak, IA	25	28	29	32	38	38	41	46	53	55	60	56	60	53	54	51	44	41	41	60
Tekamah	21	24	24	26	31	33	41	45	49	53	60	56	66	62	56	52	45	41	41	66
Wayne	22	24	25	29	31	33	39	43	45	49	61	56	64	63	55	52	51	46	47	64

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



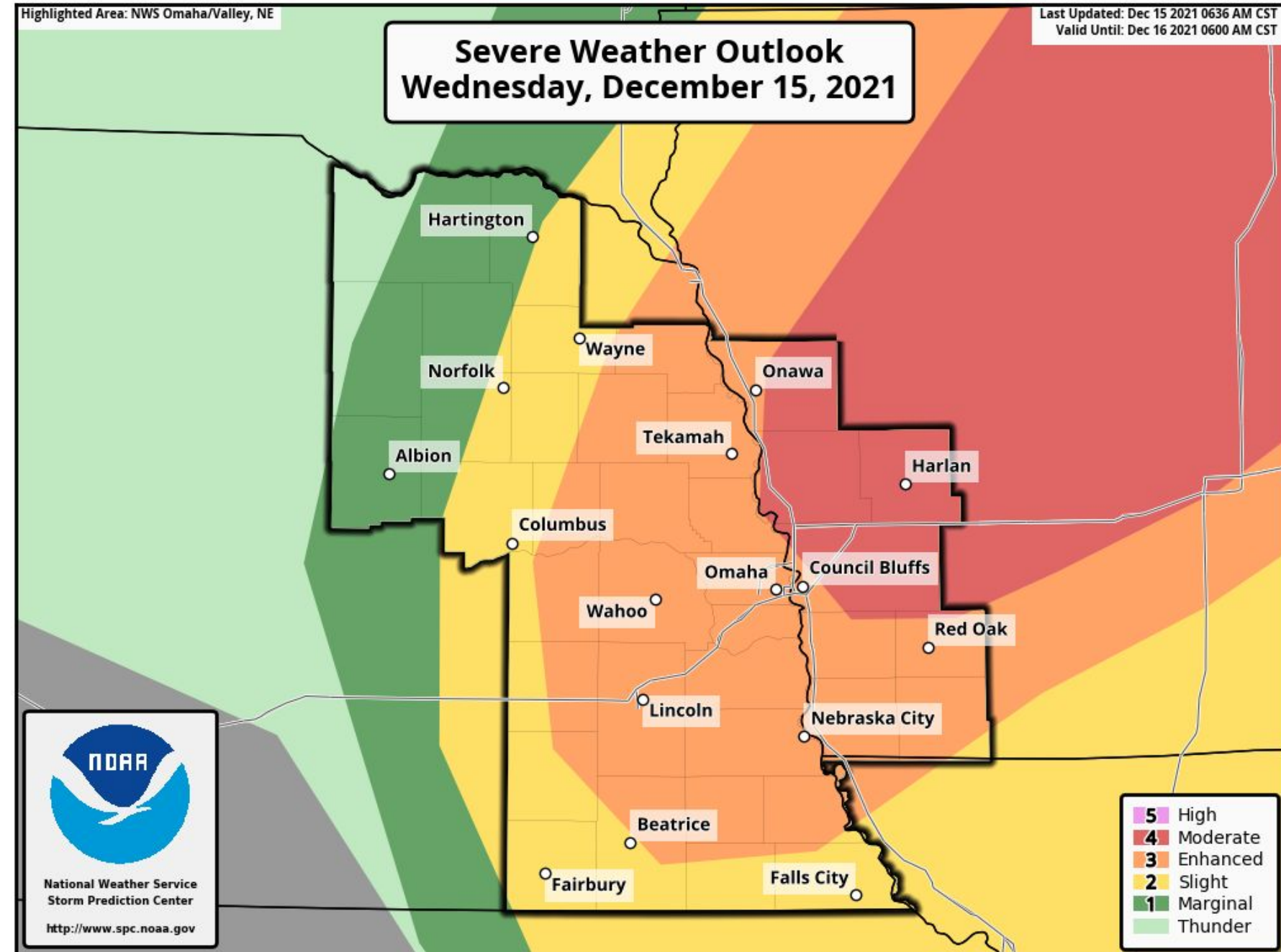
# Severe Storms Likely

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This Afternoon and Early Evening

## Key Messages

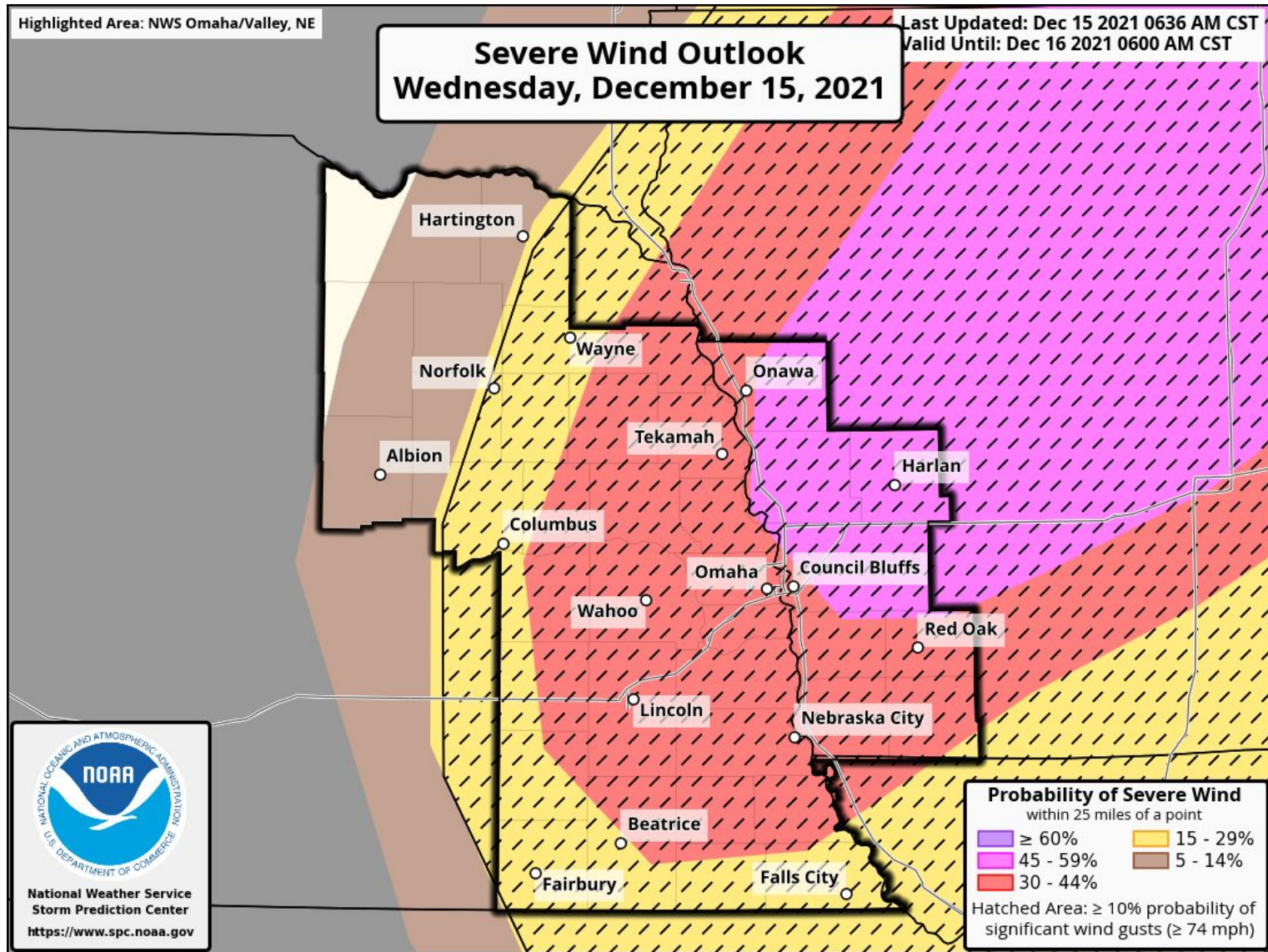
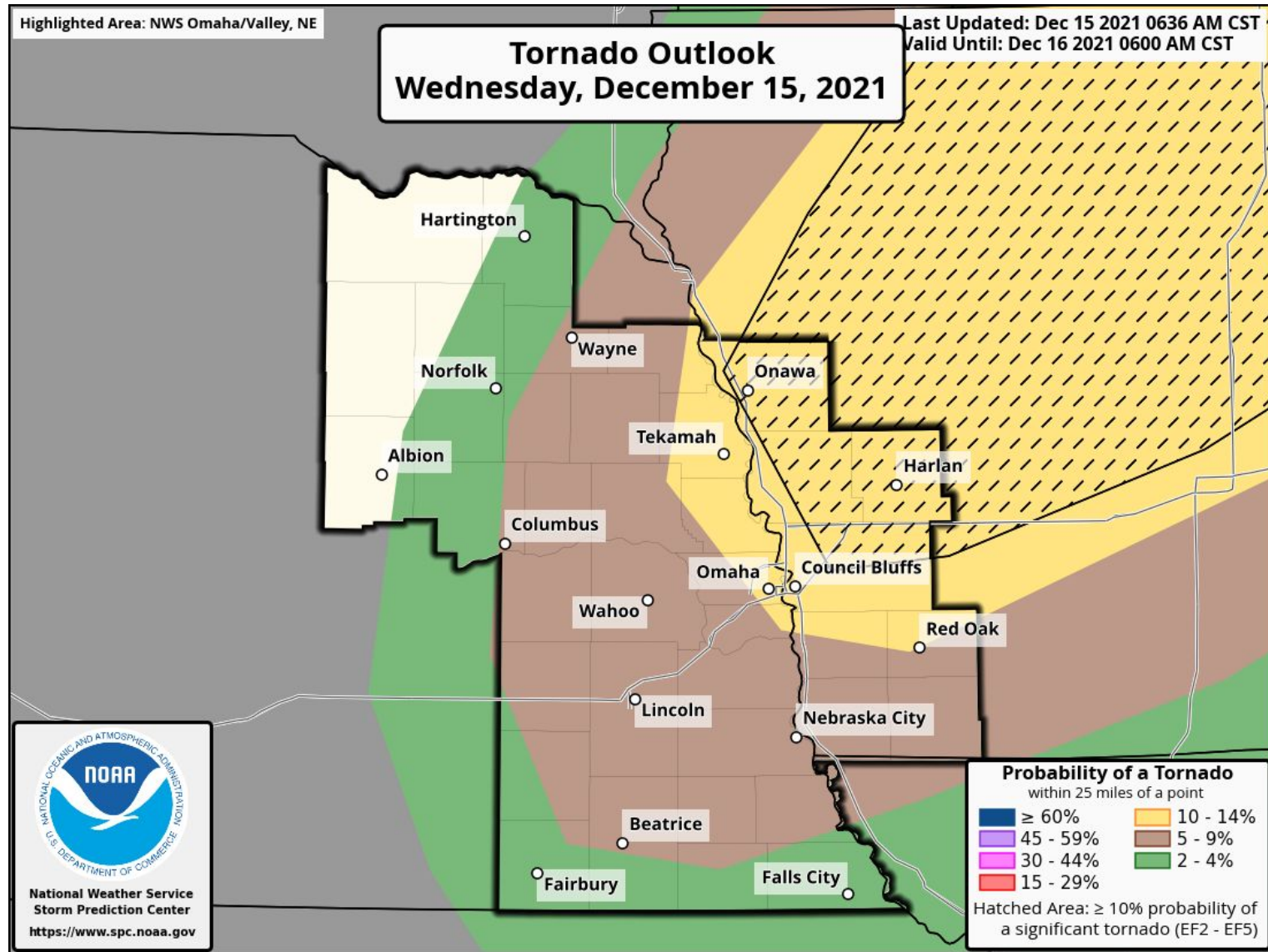
- A narrow line of thunderstorms will rapidly move through the area between **2 PM and 7 PM**.
- Storm duration at any location will be brief; less than 15 to 20 minutes.
  - ◆ Storm movement will be 60-80 mph.
- **Do not wait to seek shelter. If a warning is issued, seek sturdy shelter immediately. Prepare now for storms later.**
- Bursts of 75-80+ mph winds are likely.
- **Preparation is critical.** There may be little time to react to a warning due to the speed of the storms.
  - ◆ Be alert for warnings to your west and southwest.





# Individual Severe Storm Threats

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**Do not wait to seek shelter. If a warning is issued, seek sturdy shelter immediately. Prepare now for storms later.**



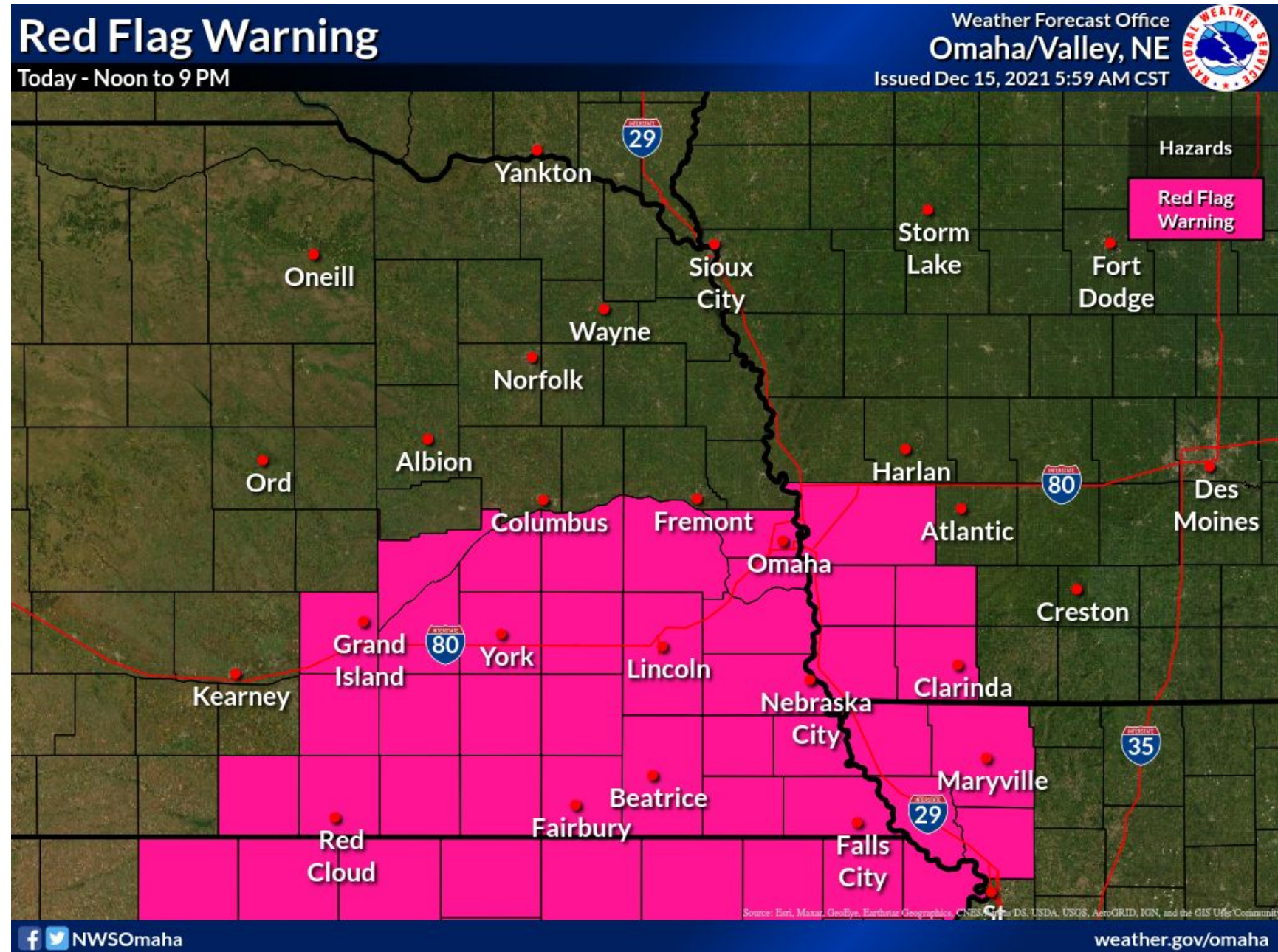
# Extreme Fire Danger

December 15, 2021  
10:58 AM

Red Flag Warning - This 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 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!



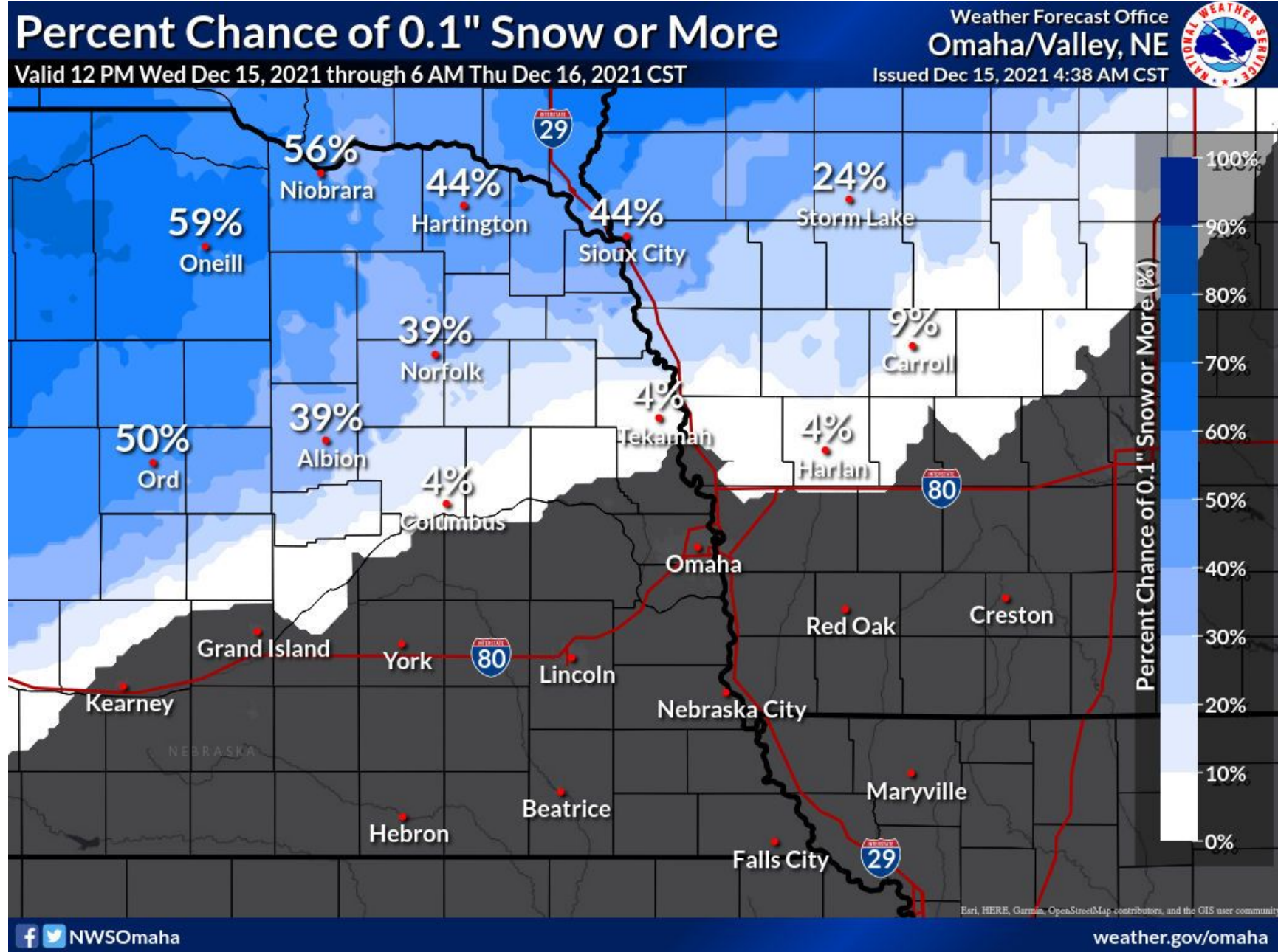


# Wintry Weather Potential

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## Key Messages

- The combination of snow, wind gusts 55-70+ mph, and incoming colder air could make travel hazardous in northeast Nebraska this evening.
- Greatest threat from **6 PM to 8 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

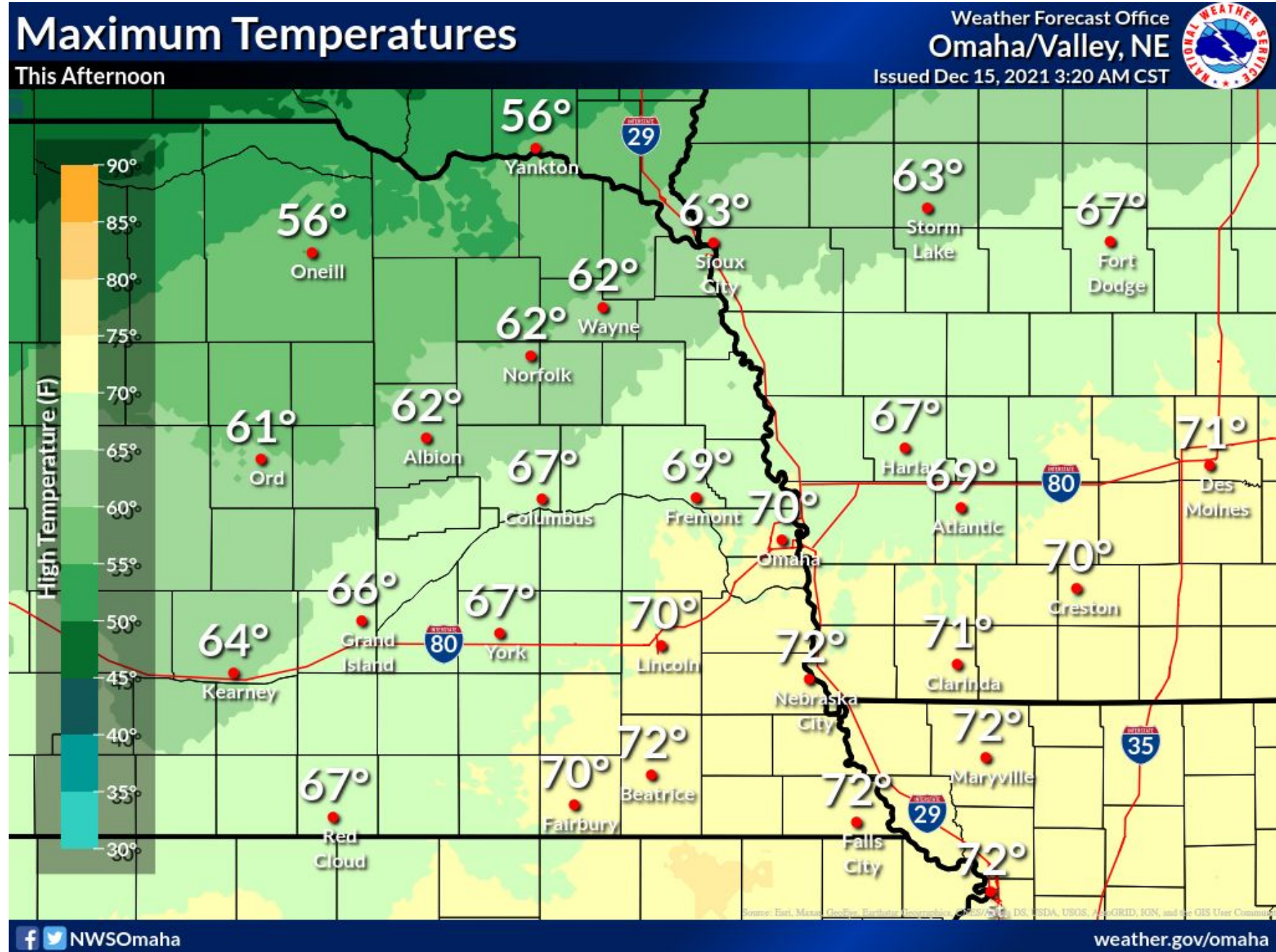
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## Key Messages

- 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.

## 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.

Identify an interior room in your house or at work that you can take shelter in during high wind warnings.

Head Inside Immediately

Stay Clear of Hazards From Above

Stay Clear of Trees

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.

Be Careful on the Road

Beware of Loose Outdoor Items

[weather.gov/wind](http://weather.gov/wind)