



**NATIONAL WEATHER SERVICE**  
OCEANIC AND ATMOSPHERIC ADMINISTRATION



# Preliminary Damage Survey

## **Atlanta, NE Tornado** **Phelps County**

**Date:** May 3rd, 2024

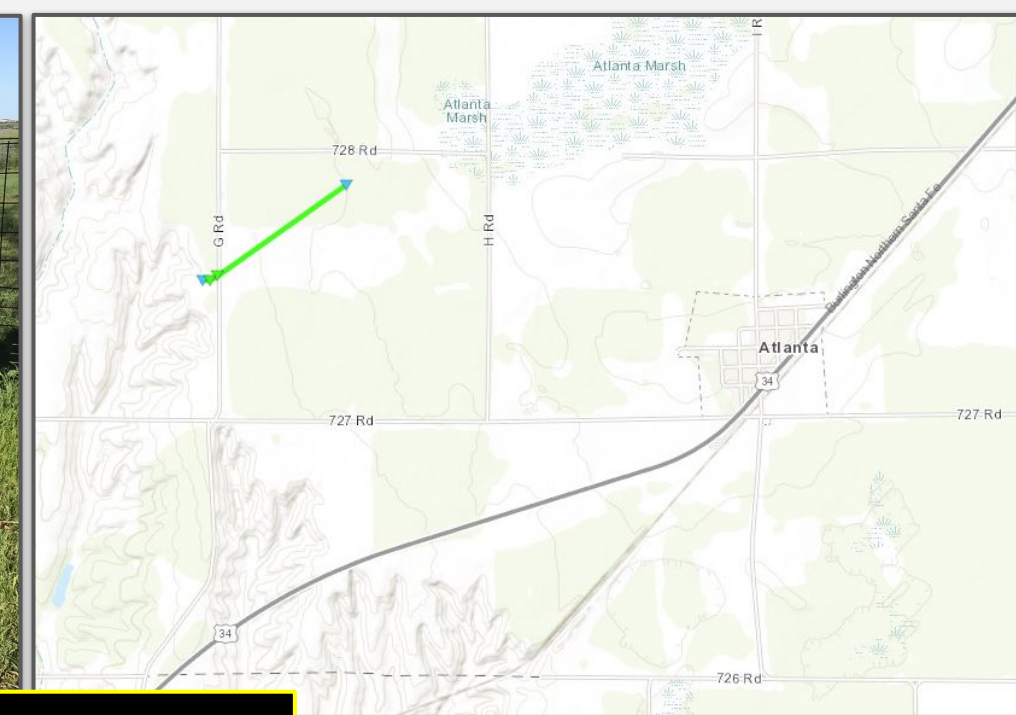
**Estimated time:** 8:53-8:55 PM CDT

**Maximum EF-Scale Rating:** EF1

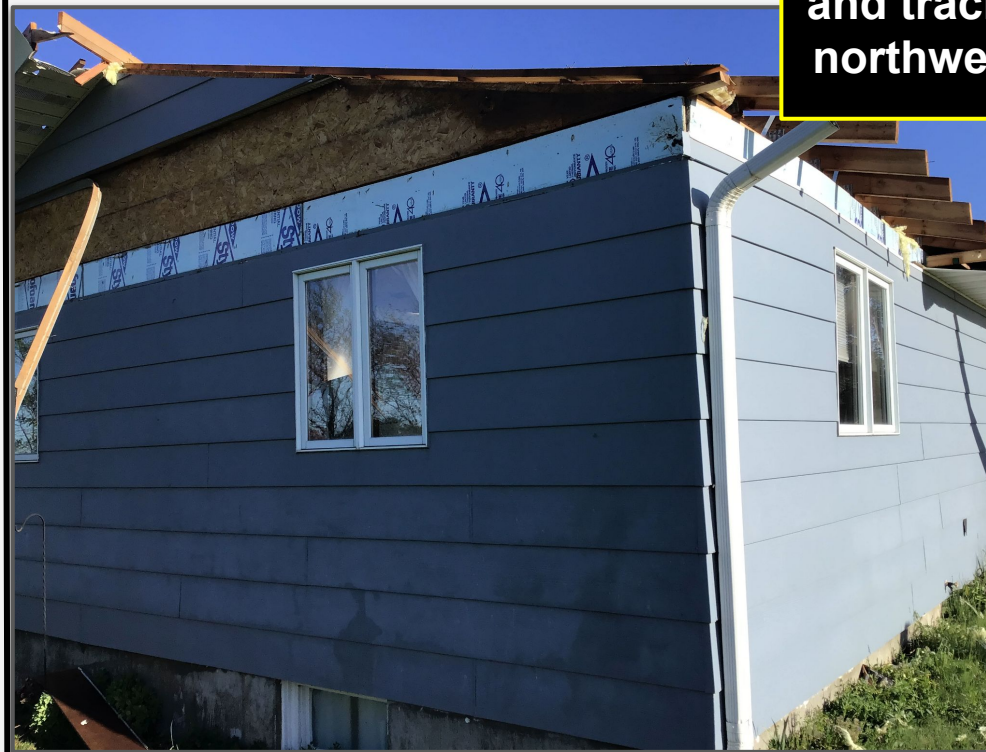
**Estimated max winds:** 100 MPH

**Maximum path width:** 50 yards

**Path length:** 0.66 miles



**Photos of damage  
and track of Tornado  
northwest of Atlanta**



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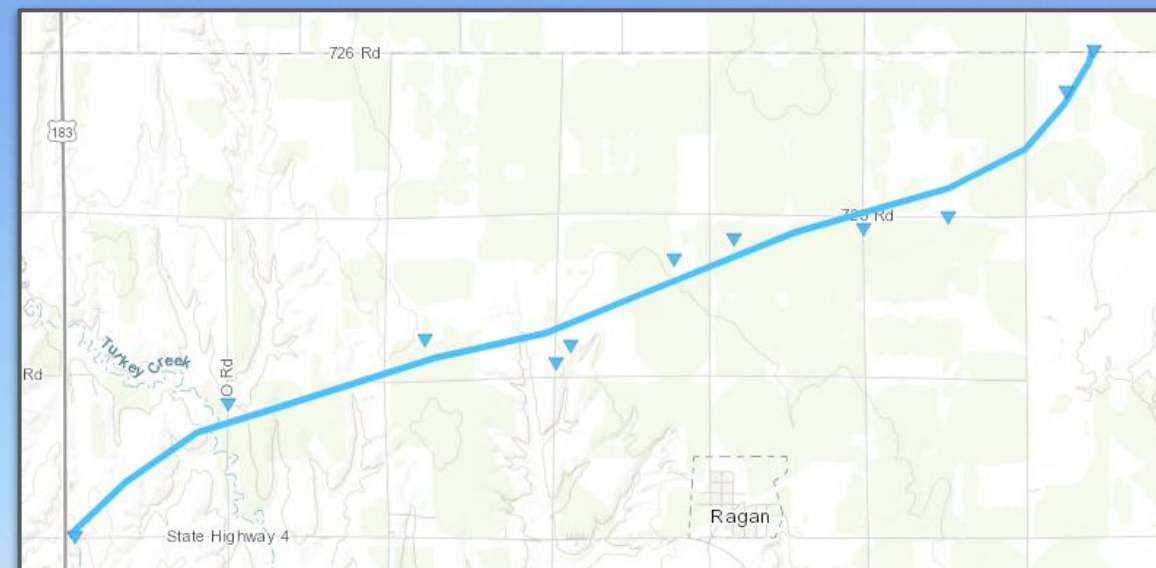


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# Preliminary Damage Survey

Photos of damage along  
with the track of the  
Tornado west and  
northeast of Ragan



## Ragan, NE Tornado Harlan County

Date: May 3rd, 2024

Estimated time: 9:09-9:20 PM CDT

Maximum EF-Scale Rating: EF0

Estimated max winds: 85 MPH

Maximum path width: 500 yards

Path length: 7.24 miles



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# Preliminary Damage Survey

## Holdrege, NE Tornado Phelps County

Date: May 3rd, 2024

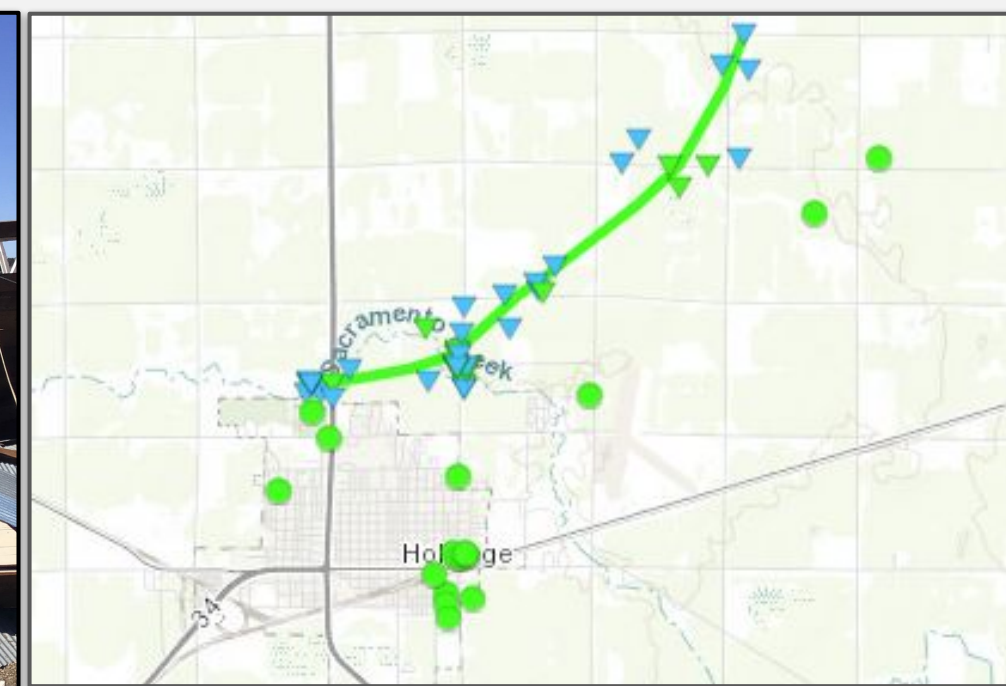
Estimated time: 9:11-9:21 PM CDT

Maximum EF-Scale Rating: EF1

Estimated max winds: 110 MPH

Maximum path width: 975 yards

Path length: 4.57 miles



Photos of some of the damage and track of Tornado North-Northeast of Holdrege



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# Preliminary Damage Survey Additional Information **Overview**

On Friday, May 3, 2024, a line of thunderstorms with embedded supercells developed along a southeastward moving cold front during the late evening hours. At least three tornadoes developed from these supercells, focused in the Holdrege and Ragan areas in Phelps and northern Harlan Counties. The line turned into a QLCS (quasi linear convective system) by the time it reached the Hwy 281 corridor, in which additional tornadoes may have occurred. This portion of the event will be covered in an update on Sunday (5/5/24) after additional surveys are completed.

## Additional Information **Atlanta, NE Tornado**

Brief tornado touched down near G Rd just W of Atlanta. EF-1 damage occurred at this location, primarily to the roof of a home. Resident witnessed the circulation move NE, out the now broken large front window, into adjacent field. Damage/debris ceased about a half mile NE, just S of 728 Rd.

## Additional Information **Holdrege, NE Tornado**

EF-1 tornado touched down near the north side of the golf course, then moved ENE, then NE, ending near the intersection of 736 Rd and Q Rd. The tornado reached peak intensity and width near Lincoln St just NE of the town of Holdrege where significant damage to outbuildings, some newer and well-built, was noted. Damage also occurred to roofs of a few homes. Based on the damage track, the peak width of the tornado was about 1000 yards, or about 0.6 of a mile. Numerous pivots and trees were damaged, and several power poles snapped. Additional damage was noted to the S and SE of this track, near the fairgrounds and southeast side of Holdrege. It is currently unknown if this damage was a possible second tornado (continuation of the mesocyclone that produced the tornado near Atlanta), or if this was caused by strong rear flank

## **Holdrege, NE Tornado** (continued)

downdraft straight-line winds. Further investigation is being done to make a final determination, and additional updates are possible.

## Additional Information **Ragan, NE Tornado**

Weak and somewhat intermittent tornado touched down near the intersection of Hwy 183 and Hwy 4, then moved NE. Damage was limited to trees, pivots, and a few power poles along its roughly 7 mile track. The tornado lifted along the Harlan/Phelps county line between T Rd and U Rd.



The staff of the NWS Hastings would like to thank local Emergency Management and residents for their invaluable help conducting the surveys.





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# Preliminary Damage Survey

## Highway 78/Road M Tornado Webster/Nuckolls County

Date: May 3rd, 2024

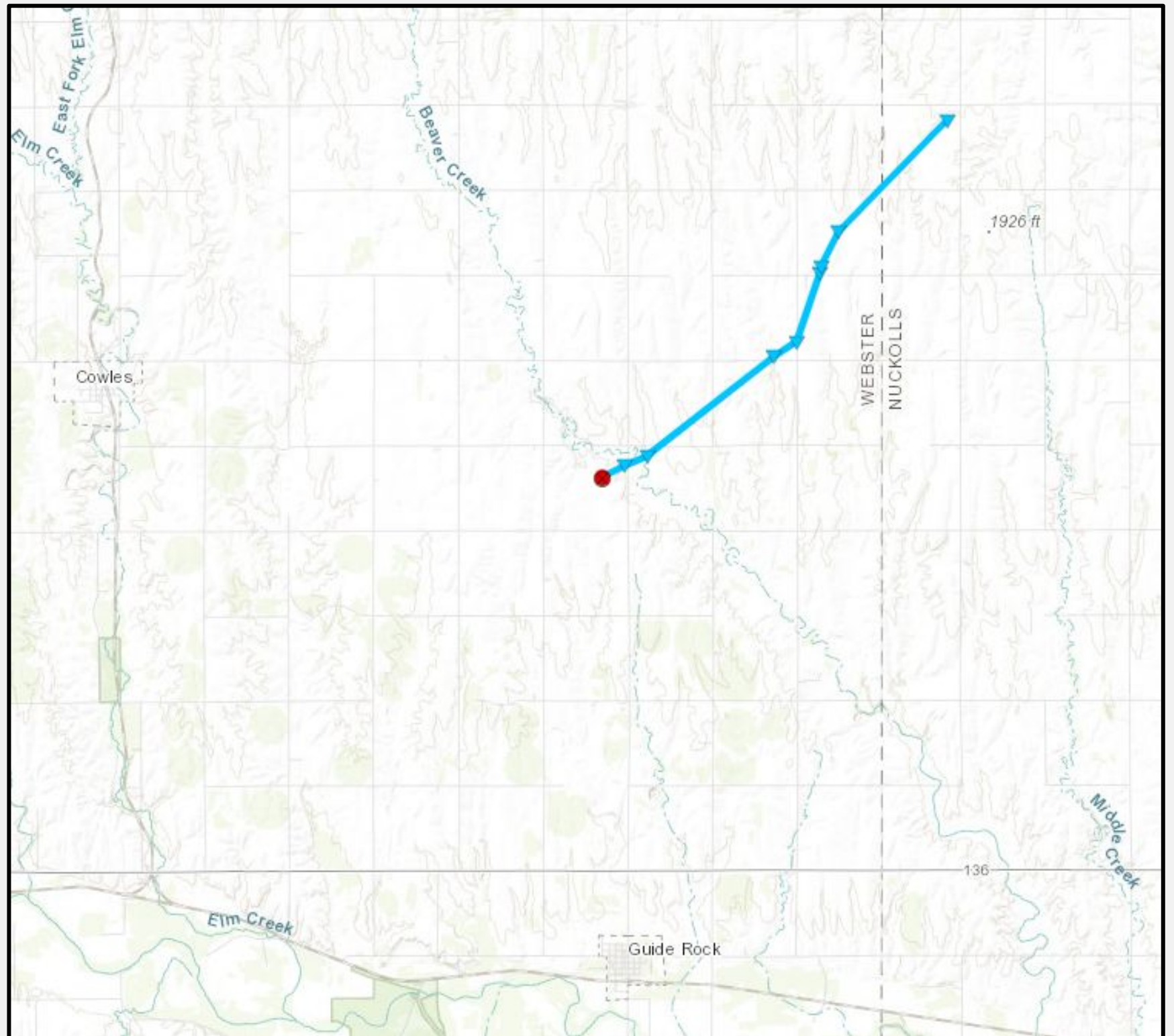
Estimated time: 10:51-10:58 PM CDT

Maximum EF-Scale Rating: EF0

Estimated max winds: 85 MPH

Maximum path width: 80 yards

Path length: 6.02 miles



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# Highway 78 / Road M Tornado

## Preliminary Damage Survey

### Additional Information

A tornado danced its way along an approximately six-mile path starting in rural eastern Webster County and ending in far western Nuckolls County late in the evening of Friday, May 3rd.

The tornado started just west of Highway 78 between 5-6 miles north of Guide Rock. The worst damage along its path occurred at a nearby farmstead, at which there was widespread tree damage and minor damage to the home. The tornado crossed the highway and sporadically damaged some trees for the next couple miles. The tornado eventually grazed another farmstead and damaged a couple of areas of cedar trees. A resident noted fence damage and debris in a fence north of the farmstead. The tornado likely ended at or near a farmstead in far western Nuckolls County where some tree damage and outbuilding damage occurred.

