



# Preliminary Damage Survey

## Minden, NE Tornado Kearney County

Date: July 6th, 2024

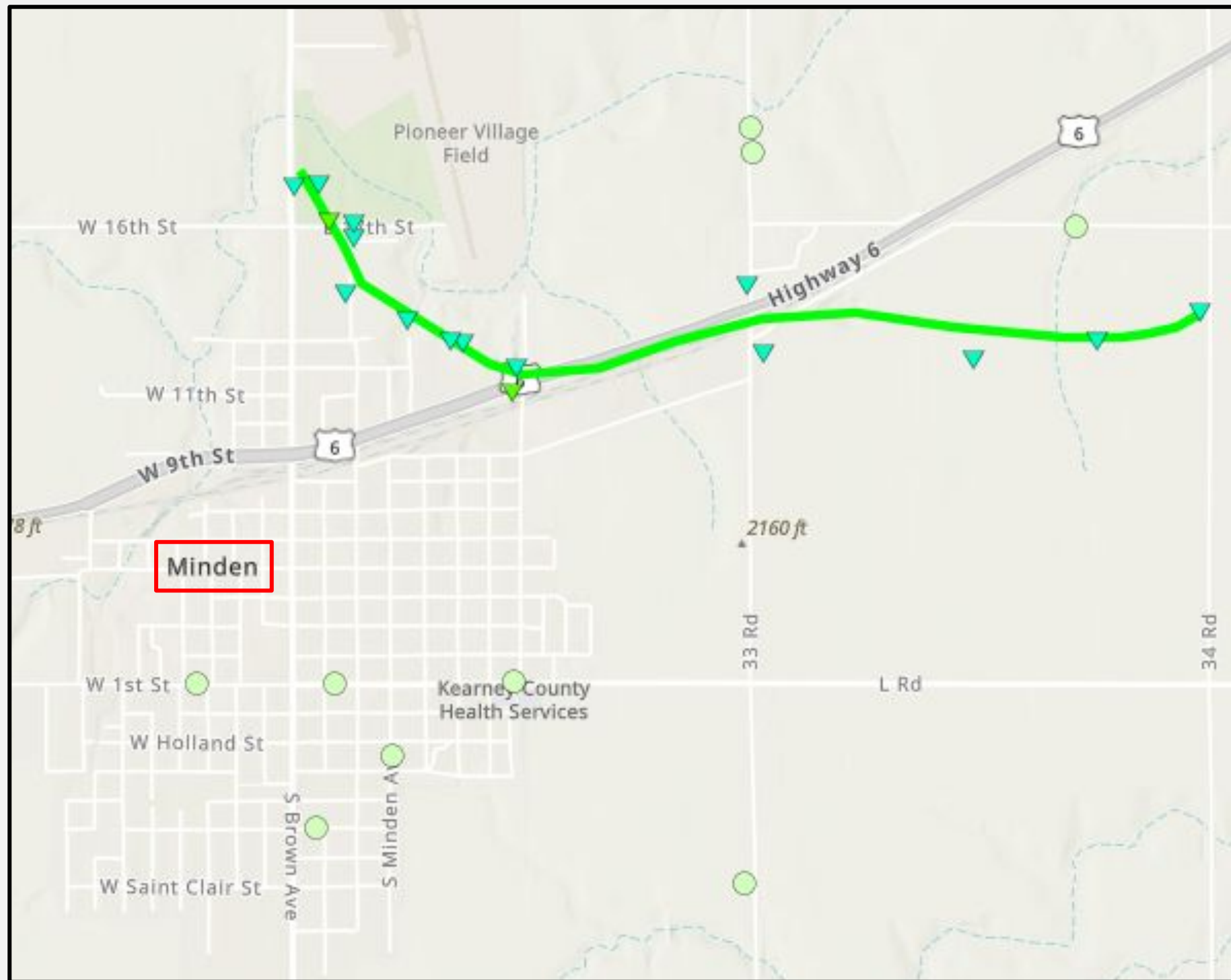
Estimated time: 3:48-3:52 PM CDT

Maximum EF-Scale Rating: EF1

Estimated max winds: 90 MPH

Maximum path width: 200 yards

Path length: 2.21 miles



# Minden Tornado

## Preliminary Damage Survey Additional Information

This tornado touched down in the area of the golf course then moved southeast through the northeast part of town, just south of the airport. The ground circulation was likely small and somewhat disorganized at this stage, as most of the damage in town was to trees.

The tornado grew in intensity on the northeast outskirts of town where a couple metal buildings sustained roof and overhead door damage. The tornado appeared to track along the highway northeast of town before crossing into a cornfield and overturning pivots. Based on storm chaser video, this is where the condensation funnel was largest and most obvious. The end of the track between 33 Road and 34 Road was confirmed by drone video.

The rating is based on the tree damage at the golf course and damage to the metal buildings. The width is estimated based on damage and chaser video. Extensive tree damage was noted further south across Minden, but this appears to be the result of an intense rear flank downdraft surge of straight-line wind.





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# Preliminary Damage Survey

## Norman, NE Tornado Kearney County

Date: July 6th, 2024

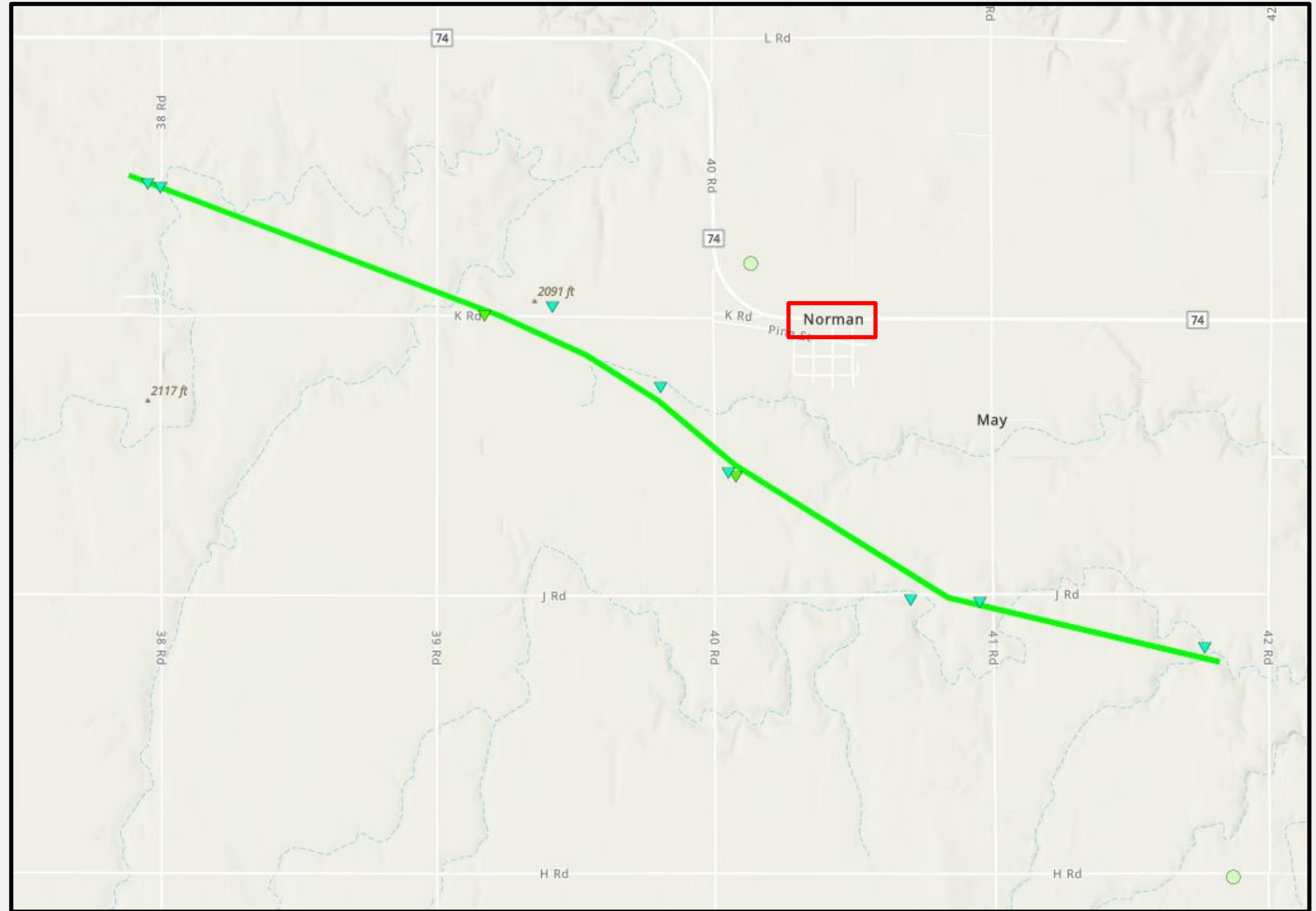
Estimated time: 4:03-4:09 PM CDT

Maximum EF-Scale Rating: EF1

Estimated max winds: 100 MPH

Maximum path width: 50 yards

Path length: 4.34 miles



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# Norman Tornado

## Preliminary Damage Survey Additional Information

A small tornado touched down near a farmstead northwest of town and caused large tree limbs to fall onto a house.

The tornado continued southeast where it snapped 4 power poles along K Road, overturned pivots, and carried a small grain bin over 500 yards from its original location.

The tornado continued southeast and produced a few locations of minor damage before lifting prior to crossing 42 Road southeast of Norman.



**A damaged grain bin after being tossed an estimated 500 yards**





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# Preliminary Damage Survey

## Inland, NE Tornado Adams County

Date: July 6th, 2024

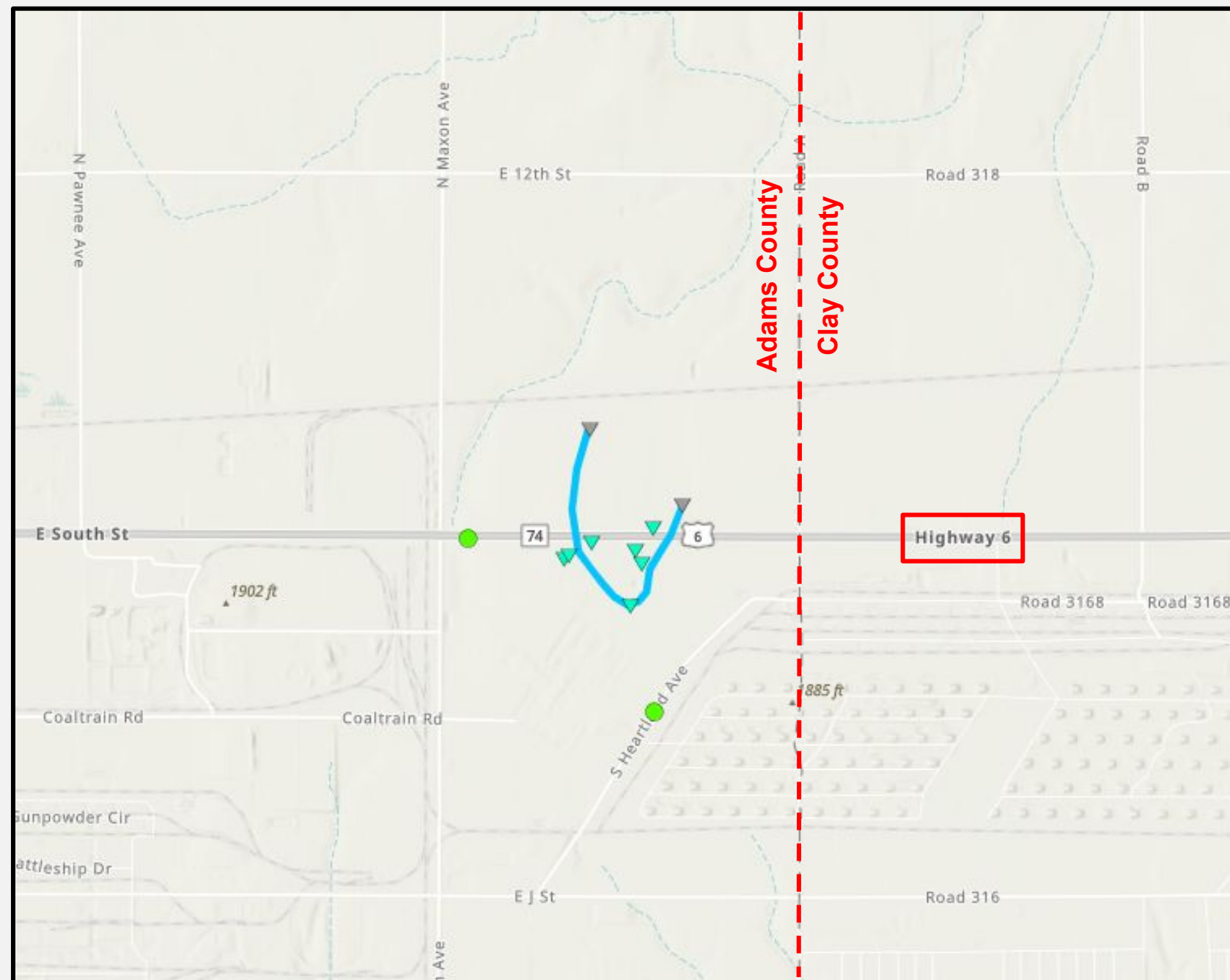
Estimated time: 4:52-4:54 PM CDT

Maximum EF-Scale Rating: EF0

Estimated max winds: 85 MPH

Maximum path width: 100 yards

Path length: 0.88 miles



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# Inland Tornado

## Preliminary Damage Survey Additional Information

A multi-vortex tornado, confirmed by storm chaser video, touched down in a corn field just north of the rest stop along Highway 6 east of Hastings.

The tornado produced intermittent minor tree damage as it drifted south of the rest stop area and near a nearby residence.

A new condensation funnel developed over a nearby corn field where a pivot was overturned. The tornado actually curved back to the north, back across the highway, then dissipated shortly thereafter in a corn field.

The official track is a best estimation based on a combination of damage and chaser video.





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# Preliminary Damage Survey

## Z Road Tornado Clay & Fillmore County

Date: July 6th, 2024

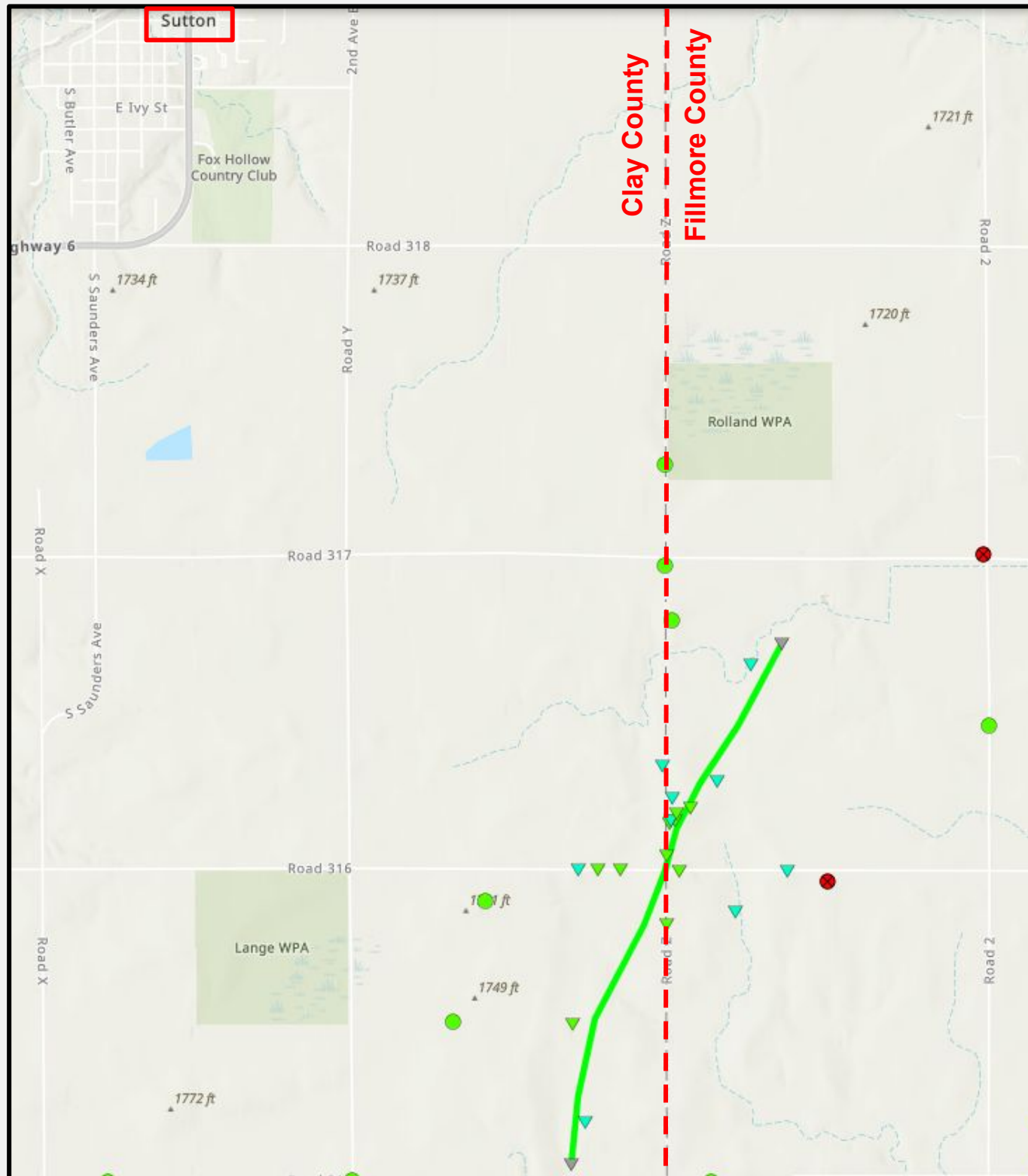
Estimated time: 5:32-5:35 PM CDT

Maximum EF-Scale Rating: EF1

Estimated max winds: 110 MPH

Maximum path width: 400 yards

Path length: 1.83 miles



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# Z Road Tornado

## Preliminary Damage Survey Additional Information

A QLCS tornado touched down at approximately Road 315 and Z Road south of Sutton, then moved north-northeast where it impacted a farmstead along Z Road, just north of Road 316.

Within this stretch of the path, several EF1 damage points were noted, particularly with respect to several large wooden power poles snapped, uprooted trees, and destroyed small grain bins. The grain bins were carried approximately 300-400 yards downstream into a nearby corn field that also sustained pivot damage. Small farm implements were also carried downwind, and a small chicken coop and other outbuildings were destroyed. Fortunately, the house received only minor siding damage.

The tornado lifted shortly thereafter just northeast of the farmstead. In addition, a broad swath of severe crop damage was noted in the vicinity of and to the south of the tornado track, likely due to a combination of large hail and straight-line wind gusts of 60-80 MPH. Here, 5-ft healthy corn plants were reduced to only 1-2 ft stalks, and bean fields were nearly unrecognizable.







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# Preliminary Damage Survey

## **Roseland Tornado** **Adams County**

**Date:** July 6th, 2024

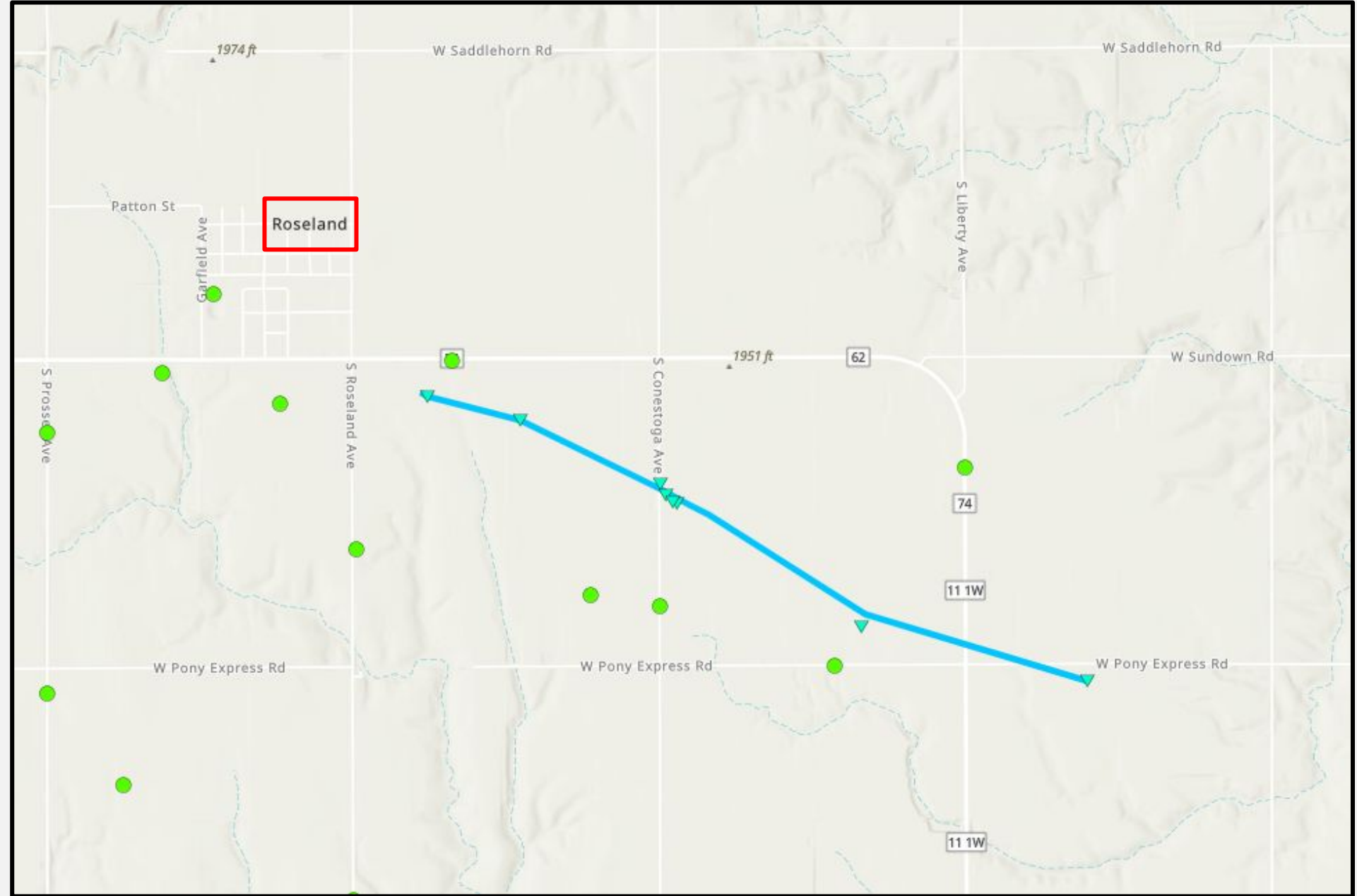
**Estimated time:** 4:36-4:40 PM CDT

**Maximum EF-Scale Rating:** EF0

**Estimated max winds:** 85 MPH

**Maximum path width:** 50 yards

**Path length:** 2.39 miles



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# Roseland Tornado

## Preliminary Damage Survey Additional Information

A small tornado developed within a broader area of damaging wind gusts of 60-80 MPH.

The tornado developed near the intersection of Highway 74 and Roseland Avenue, just southeast of the town of Roseland, then tracked southeast through crop fields, causing pivots to overturn. The lone impacted buildings were at a farmstead on Conestoga Avenue where part of a roof was removed and several small outbuildings were destroyed. Also, tree damage was particularly worse at this location, and a couple of power poles were leaning east at the time of the survey. The tornado continued tracking southeast and eventually crossed Highway 74 near Pony Express Road before dissipating.

This tornado likely occurred within a broad area of heavy rain and was not distinguishable in real time against the more pervasive straight-line winds.

