

Palm Sunday 1965 Tornado Re-analysis

Refining the Tracks and Intensity of 7 tornadoes



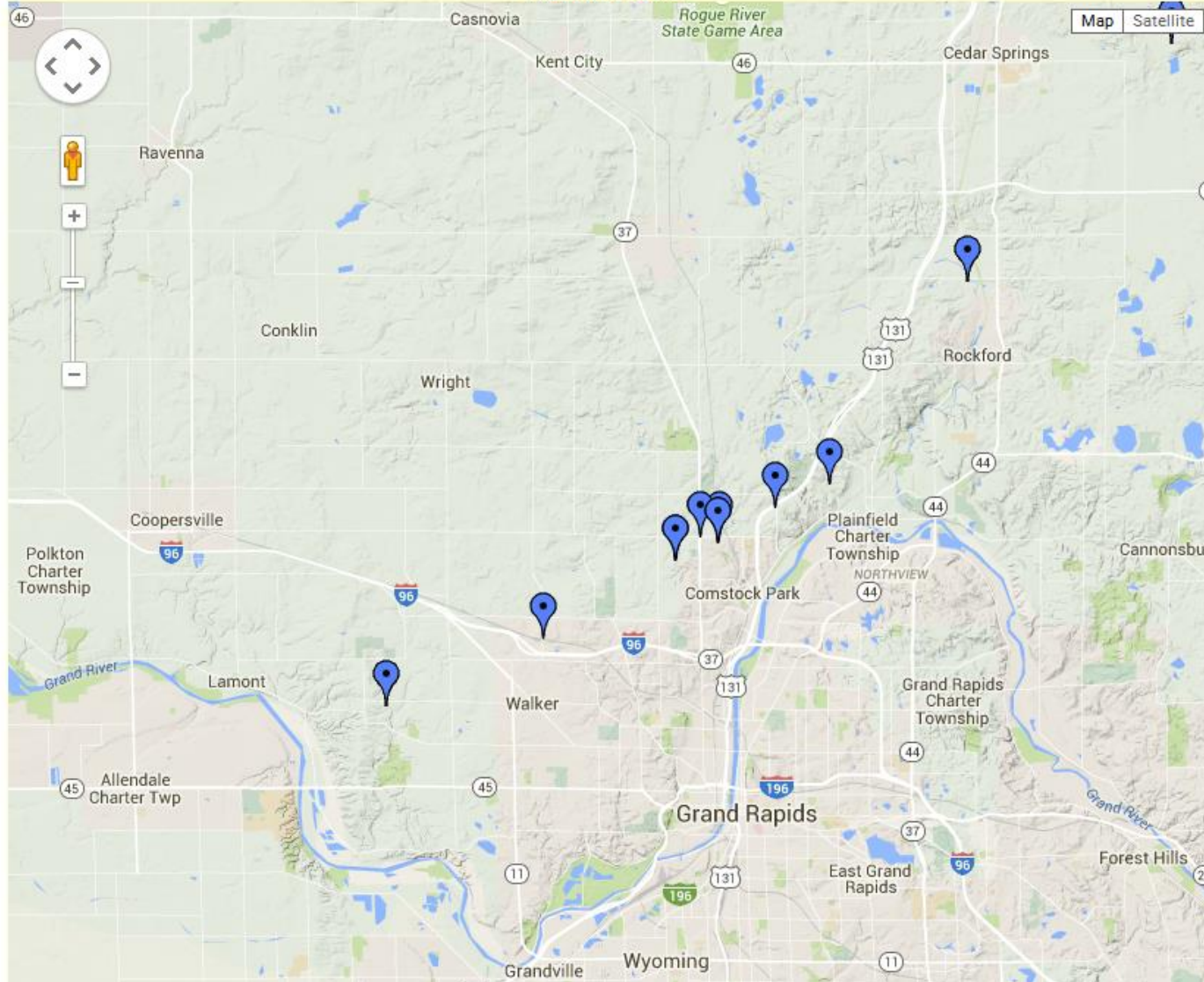
1965 Palm Sunday Tornado Map

Weather.gov > Grand Rapids, MI > 1965 Palm Sunday Tornado Map

April 11, 1965 Palm Sunday Tornado

[Click here to download the KML file](#)

Tornado tracks and damage contours are based on individual damage points and should not be expected to be fully precise down to the neighborhood level.



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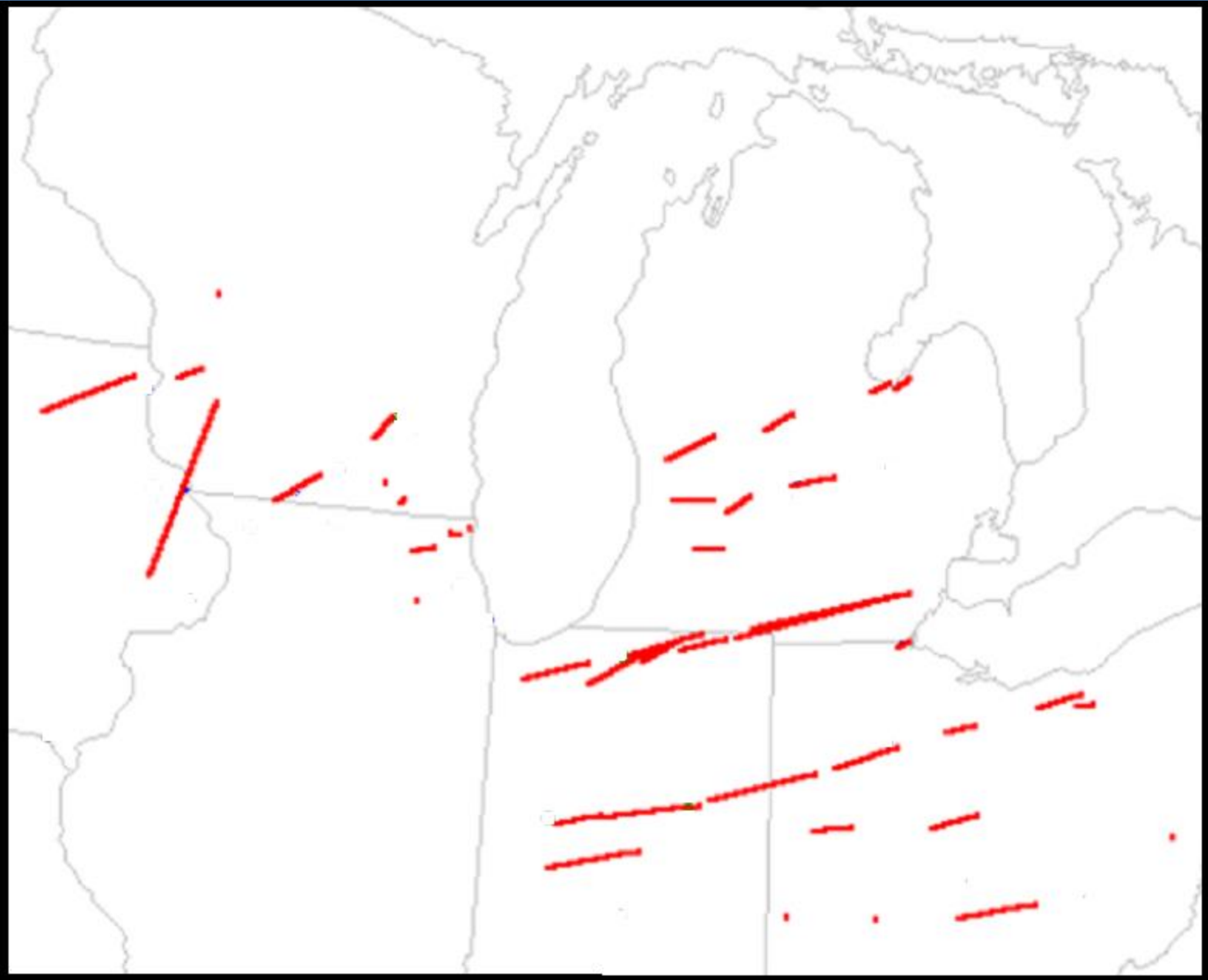
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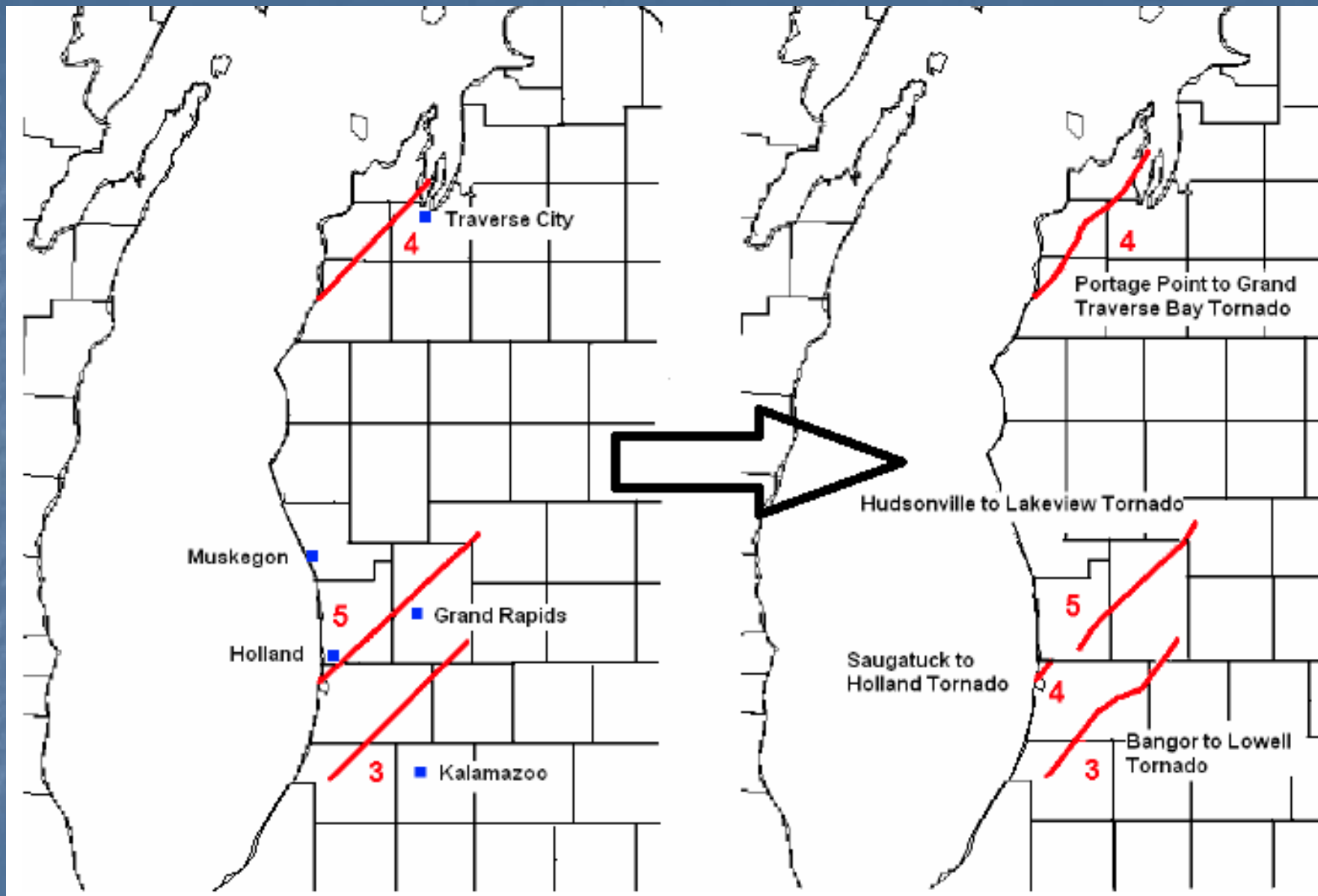
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At least six tornadoes, possibly eight in GRR CWA

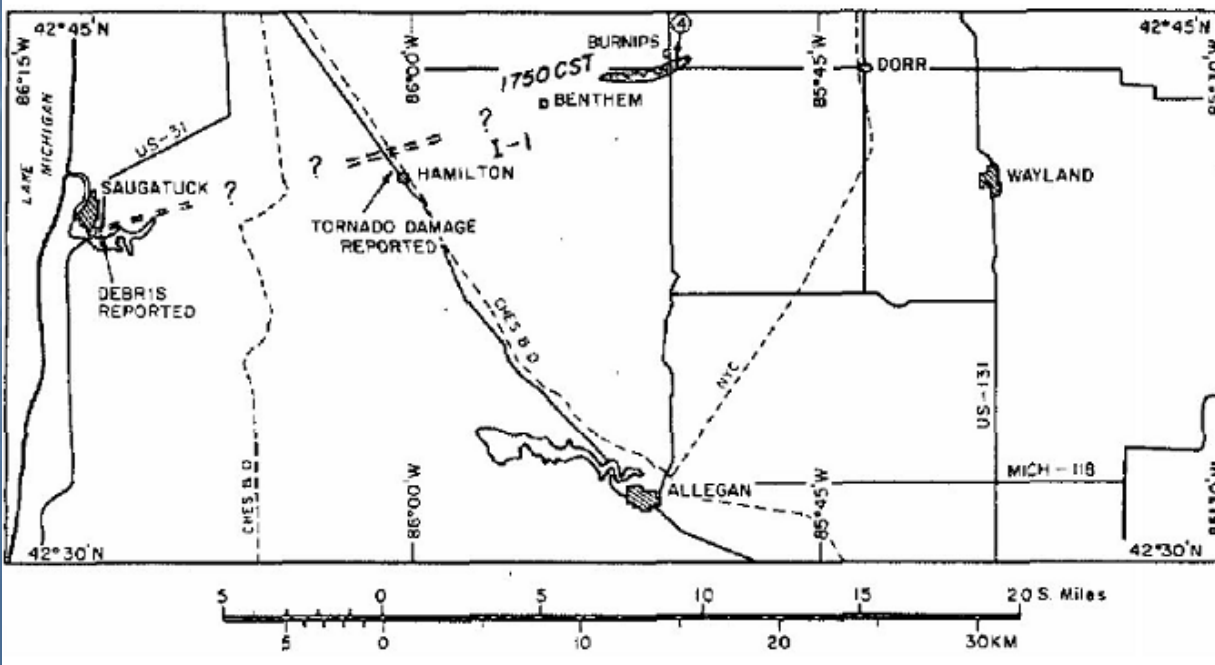
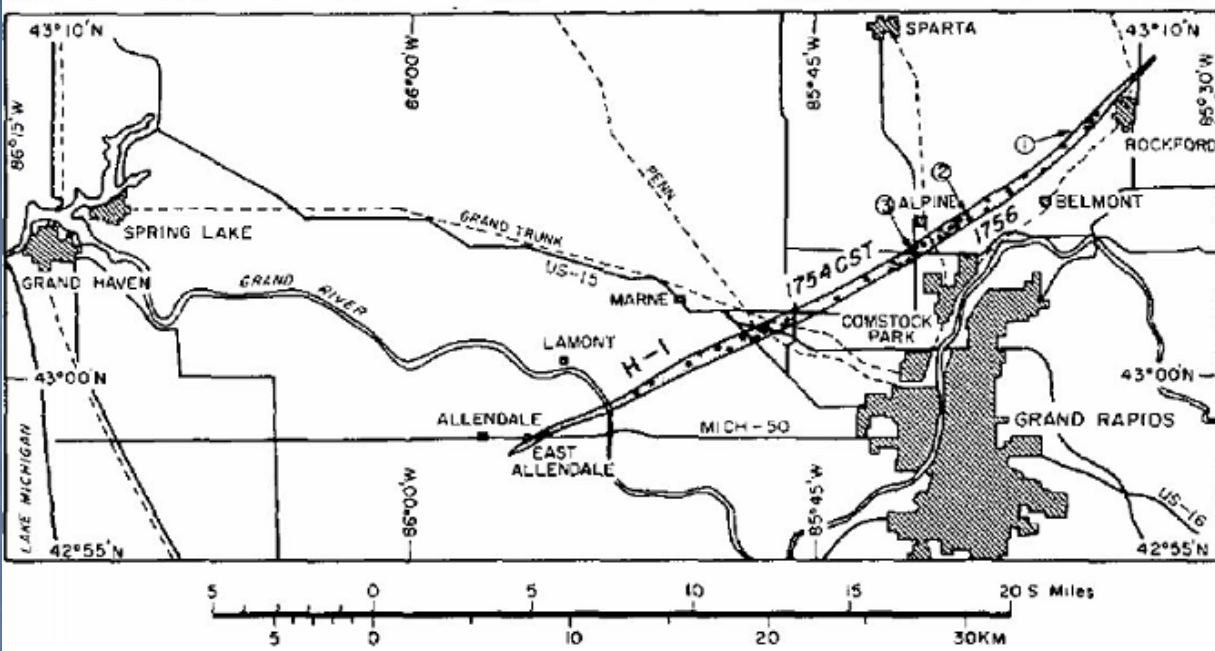


Step 1: Refine the tracks (3 April 1956 event shown)

Damage maps from the flyover survey by Ted Fujita. Ongoing effort in 2015 to map tornado paths based on archived photos and stories from local papers.

The path length of the tornado that hit Comstock Park was increased from 24 miles to 34 miles based on research in early 2015.

The tornado that hit Burnips may have begun in Saugatuck.



Re-analysis of Tornado Path



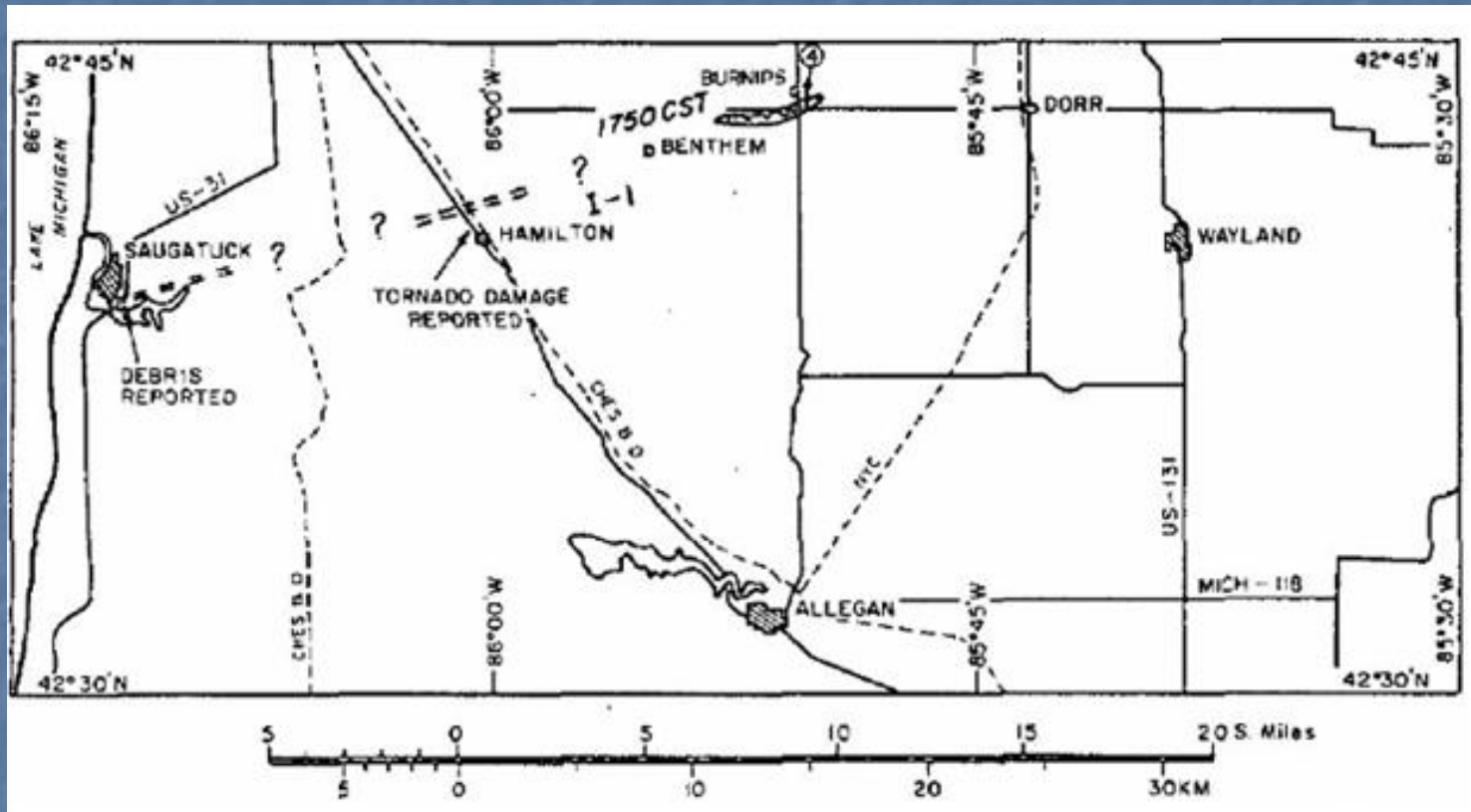
Allendale to Cedar Springs Tornado

Step 2: Re-analysis of Tornado Intensity



Allendale to Cedar Springs Tornado

Re-analysis of Tornado Path



Saugatuck to Dorr Tornado

Re-analysis of Tornado Intensity



Saugatuck to Dorr Tornado

Future Work

- Finish mapping 1965 tornadoes
- Publish Results
- Update NCDC database
- Investigate other events: 21 Apr 1967
- Repeat