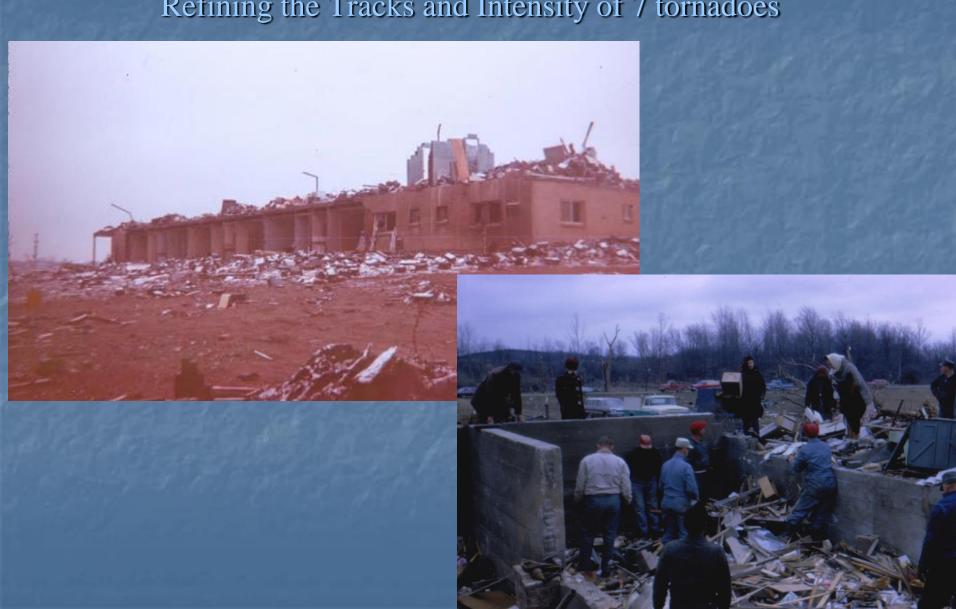
### Palm Sunday 1965 Tornado Re-analysis

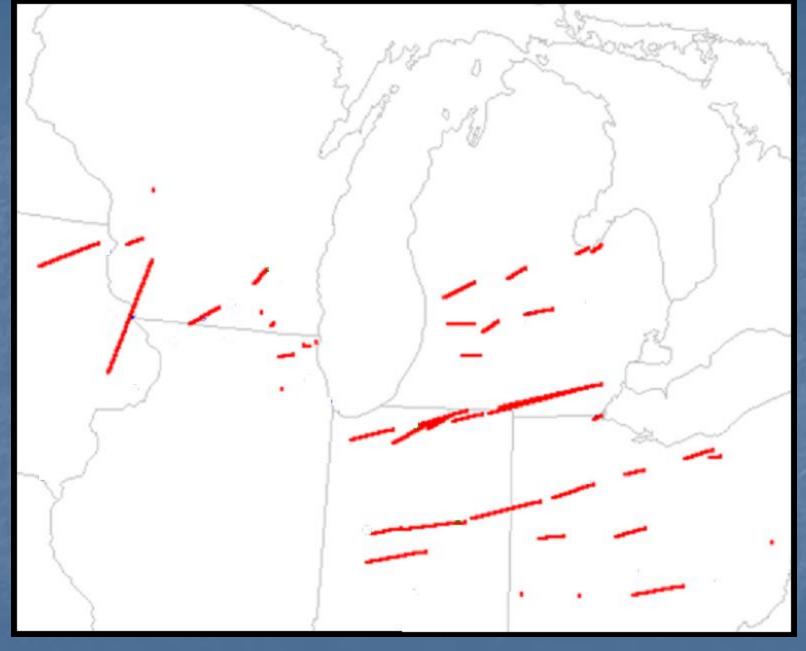
Refining the Tracks and Intensity of 7 tornadoes



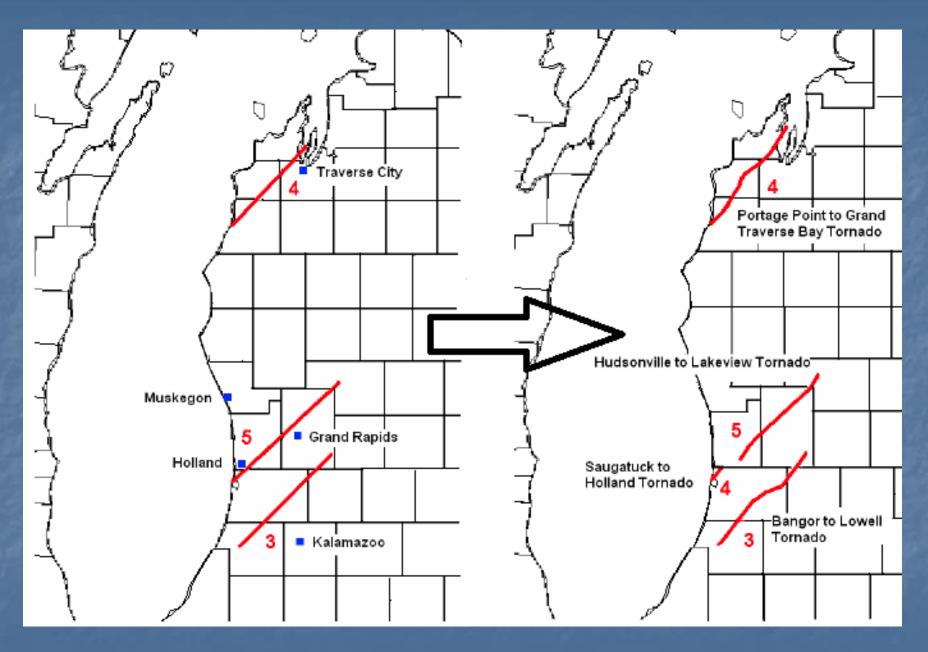
#### 1965 Palm Sunday Tornado Map Weather: gov > Grand Rapids, MI > 1965 Palm Sunday Tornado Map April 11, 1965 Palm Sunday Tornado Click here to download the KML file Tornado tracks and damage contours are based on individual damage points and should not be expected to be fully precise down to the neighborhood level. Roque River Casnovia Map Satellite State Game Area Cedar Springs Kent City Ravenna Insurance do damage d Conklin (131) Rockford Wright Previous s s in West Michigan nistoric Coopersville Plainfield Charter tornadoes 96 Cannonsbur Polkton Township Charter Township 95 Comstock Park The dama sed on Lamont Grand Rapids Charter Walker damage p Township Allendale Charter Twp **Grand Rapids** Forest Hills East Grand Rapids

Wyoming

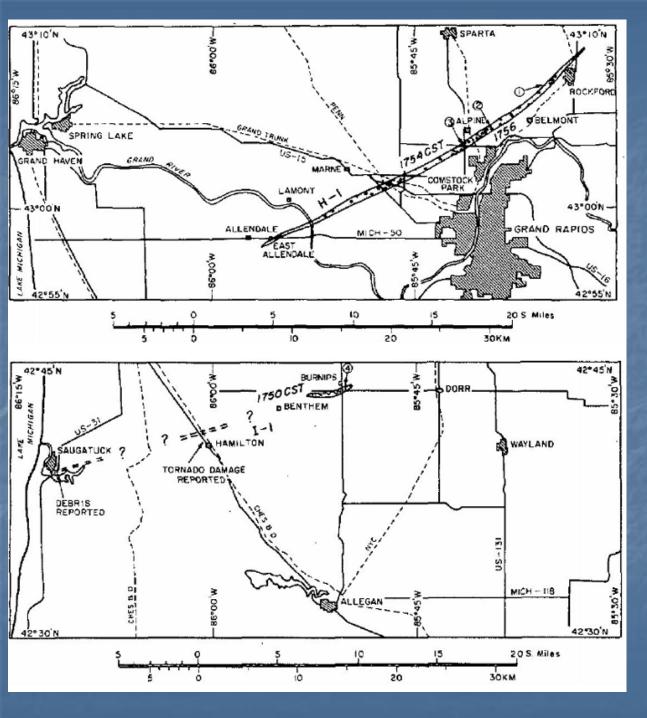
Grandville



At least six tornadoes, possibly eight in GRR CWA



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

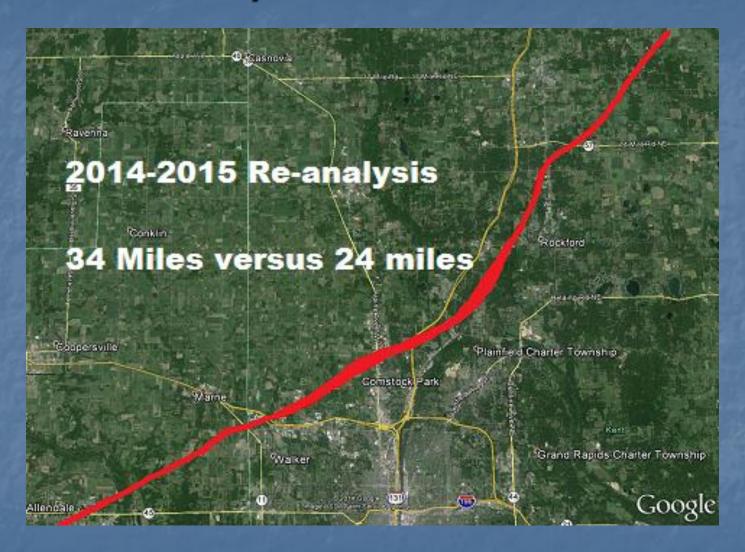


Damage maps from the flyover survey by Ted Fujita. Ongoing effort in 2015 to map tornado paths based on archived photos and stories from local papers.

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



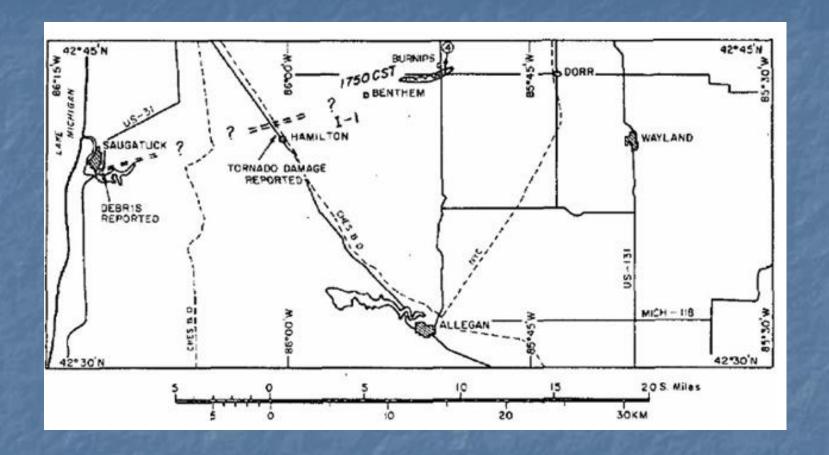
Allendale to Cedar Springs Tornado

### 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