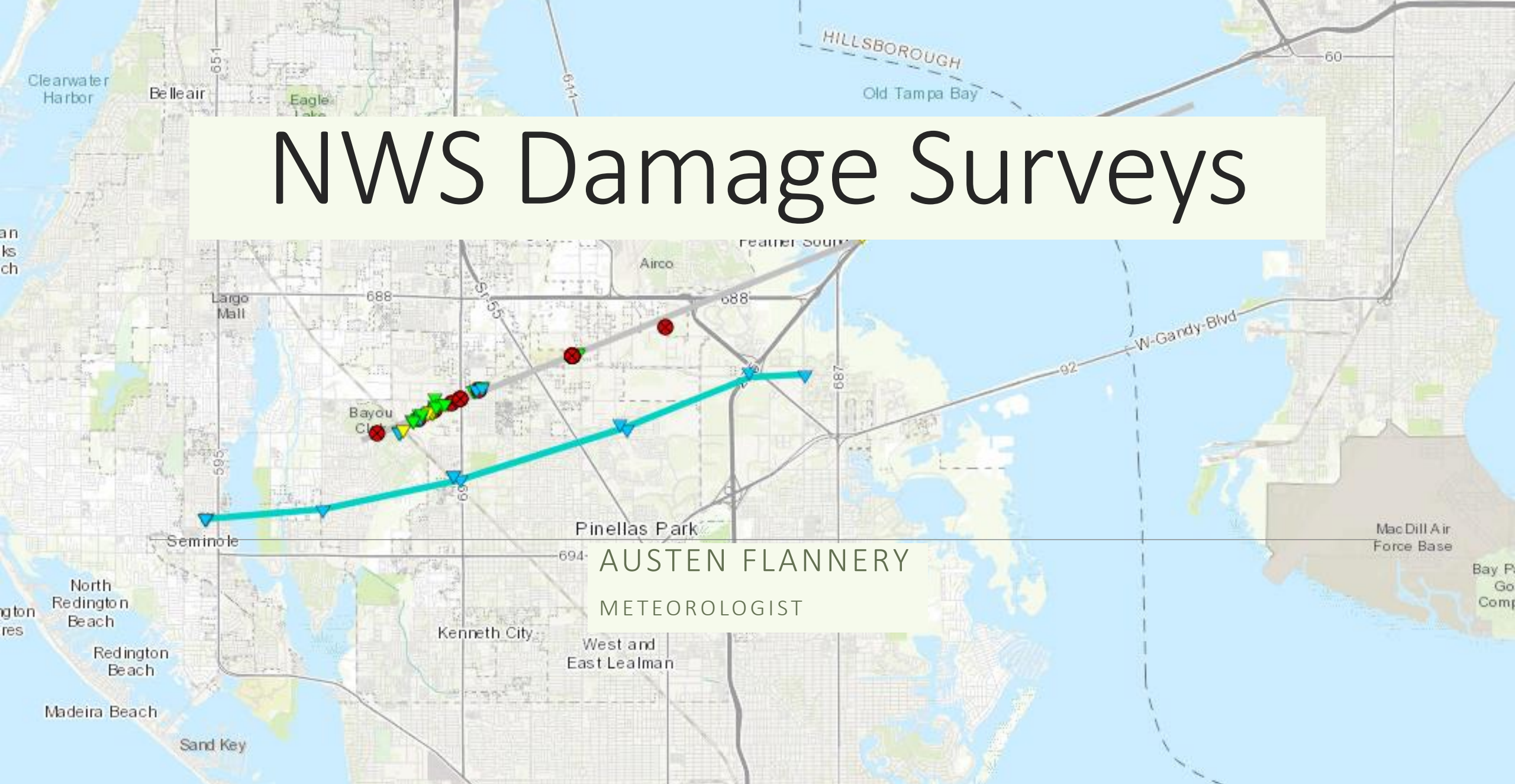



NWS Damage Surveys




AUSTEN FLANNERY
METEOROLOGIST

Why Do We Conduct Damage Surveys?

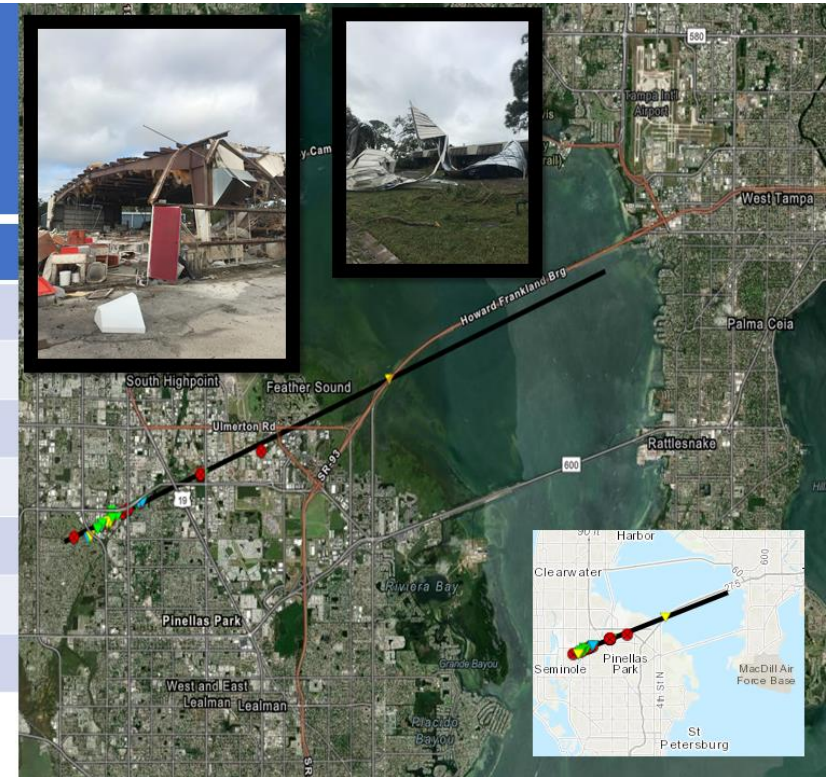
- Reconstruct the events that occurred
- Provide an accurate assessment of what happened to core partners
- Improve warning programs

 NATIONAL WEATHER SERVICE TAMPA BAY
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

 **Preliminary**
Damage Survey Results

Pinellas County Tornado	
Date	12/16/2020
Time (Local)	3:49 PM
EF Rating	EF-2
Est. Peak Wind	125 MPH
Path Length	13.12 miles
Max Width	300 yards
Deaths/Injuries	0 / 0

ISSUED: 5:00 PM, Thursday, December 17, 2020



How Strong was the Wind?

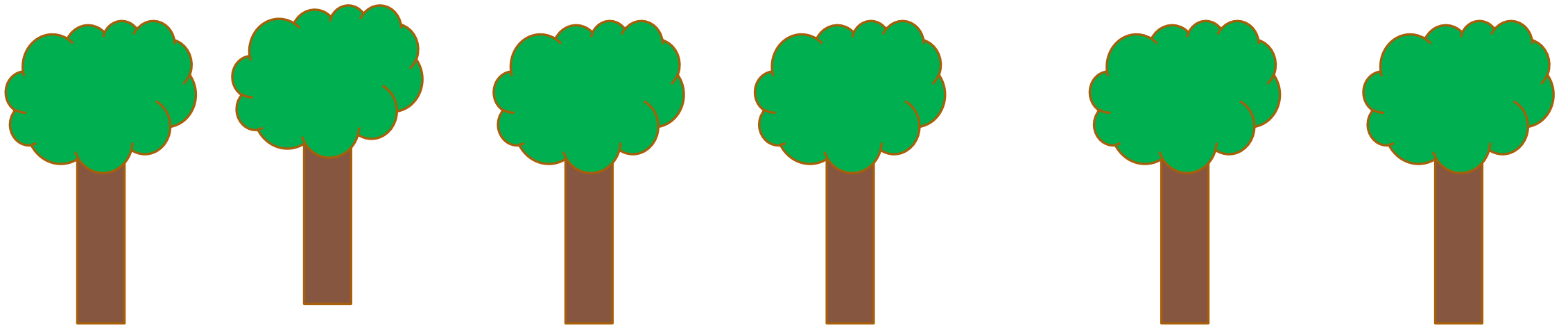
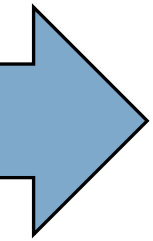


- Car ports can act like a parachute to catch the wind

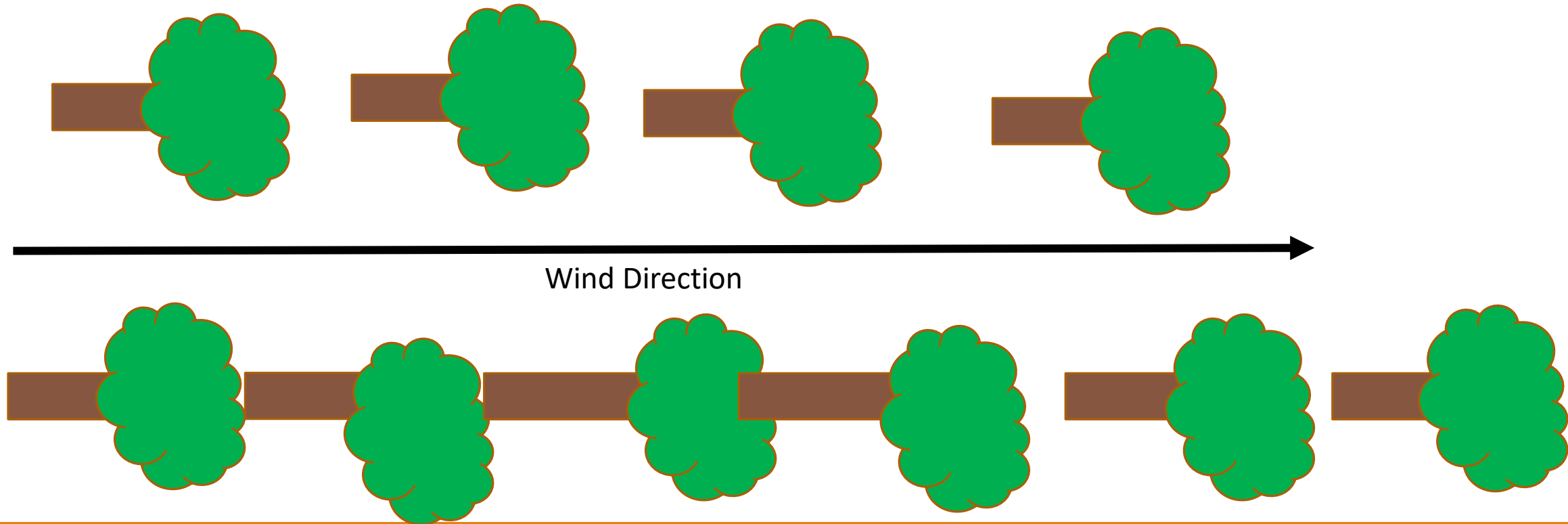
Was This A Tornado?



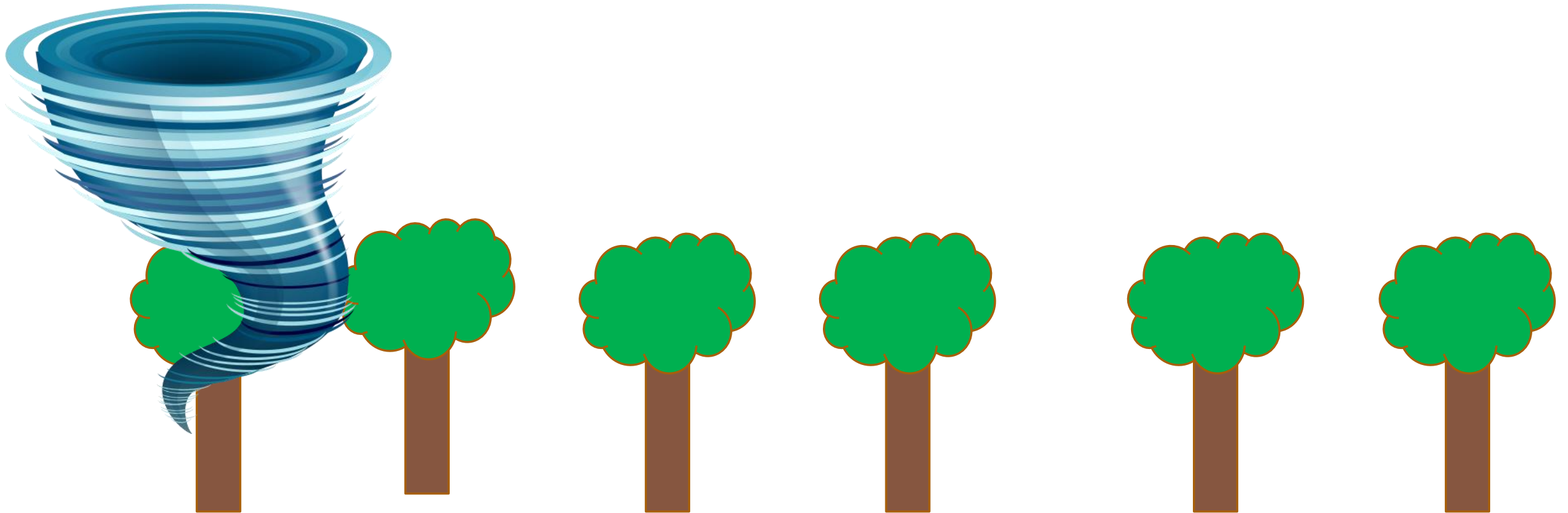
Determining the Source of Damage



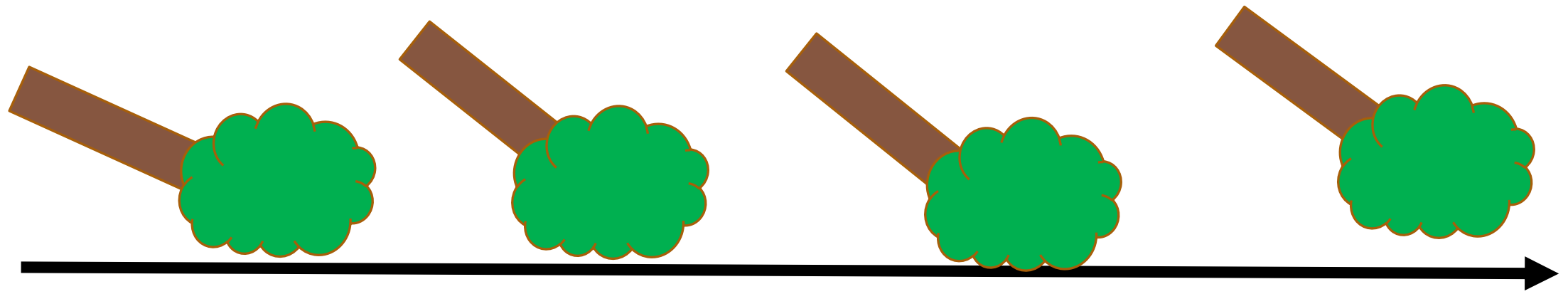
Determining the Source of Damage



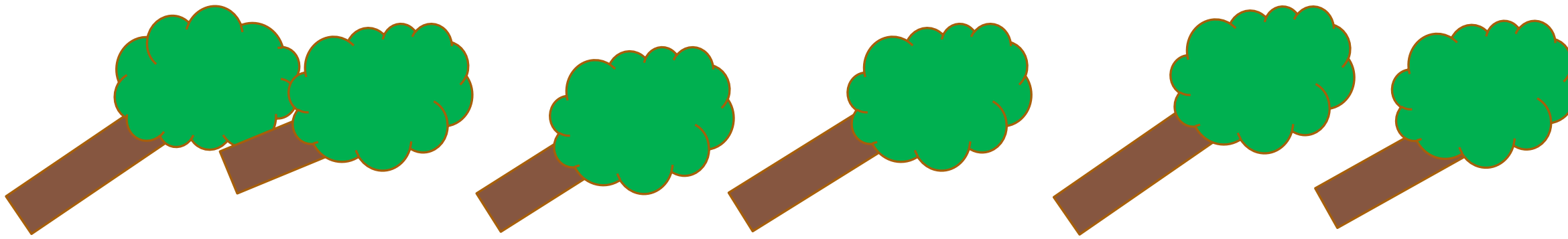
Determining the Source of Damage



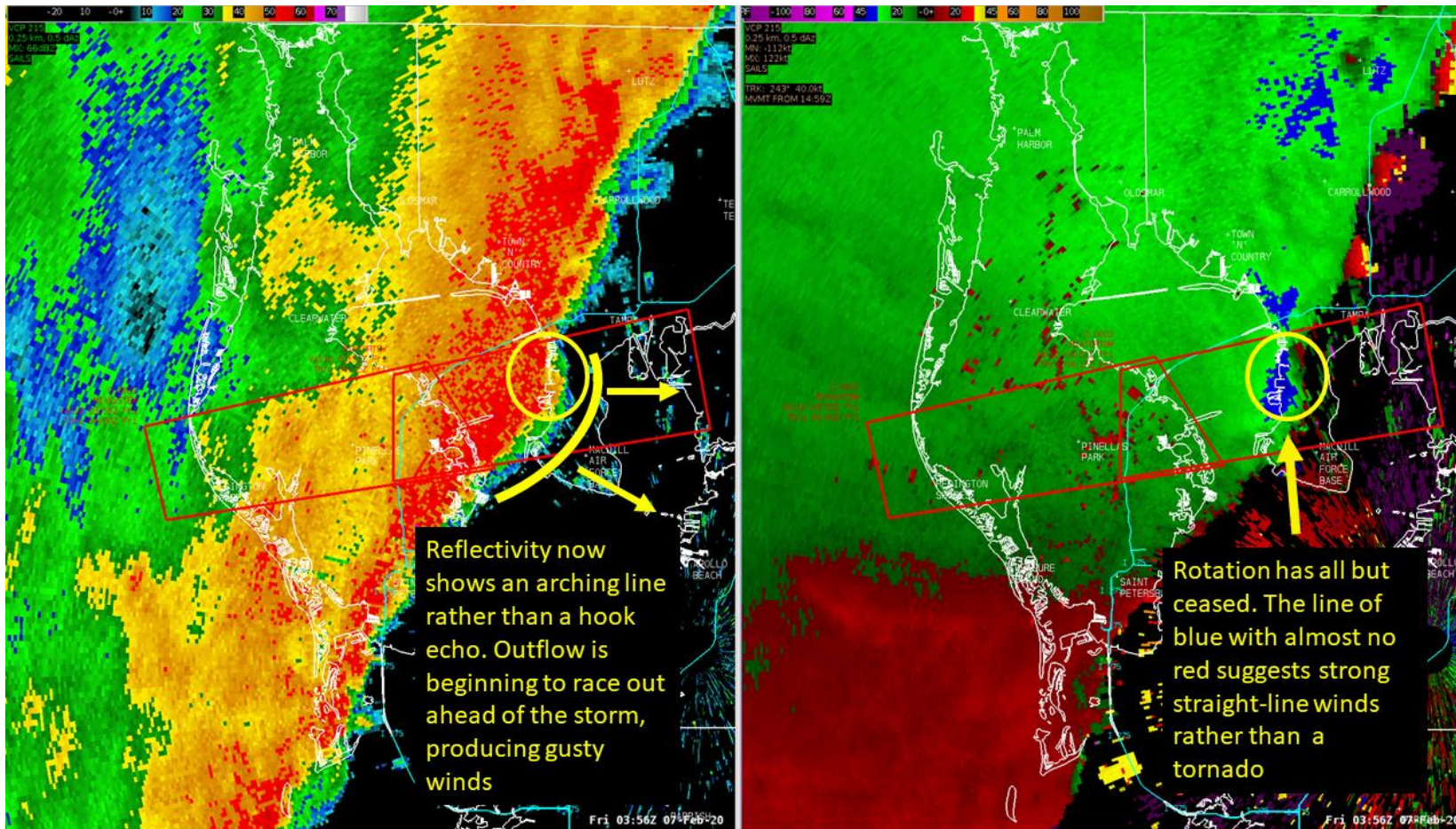
Determining the Source of Damage



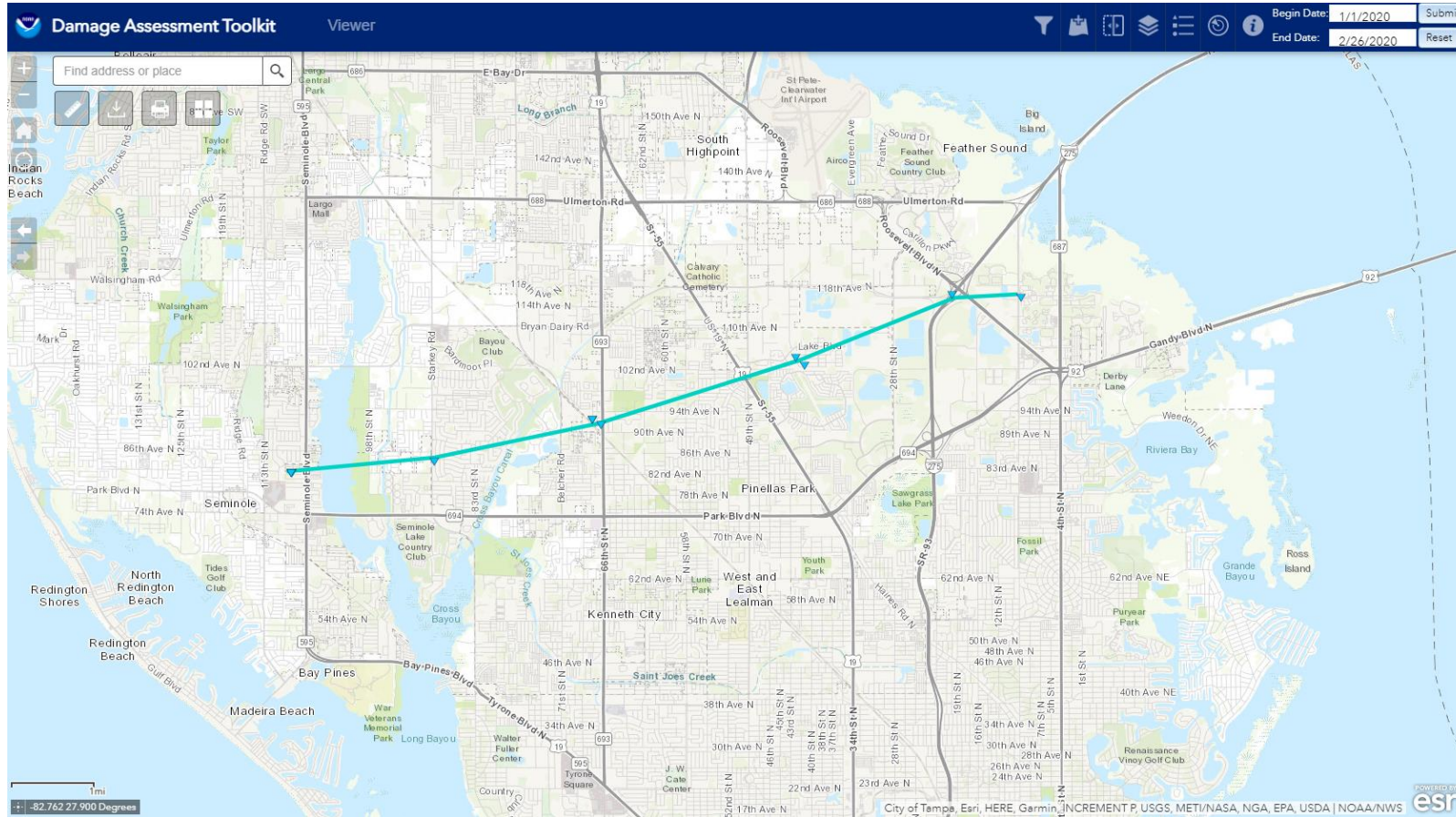
Center of Tornado's Path



Correlating With Radar



The Damage Assessment Toolkit



How You Can Help

Pictures!

Pictures!

Pictures!

Details describing what you see

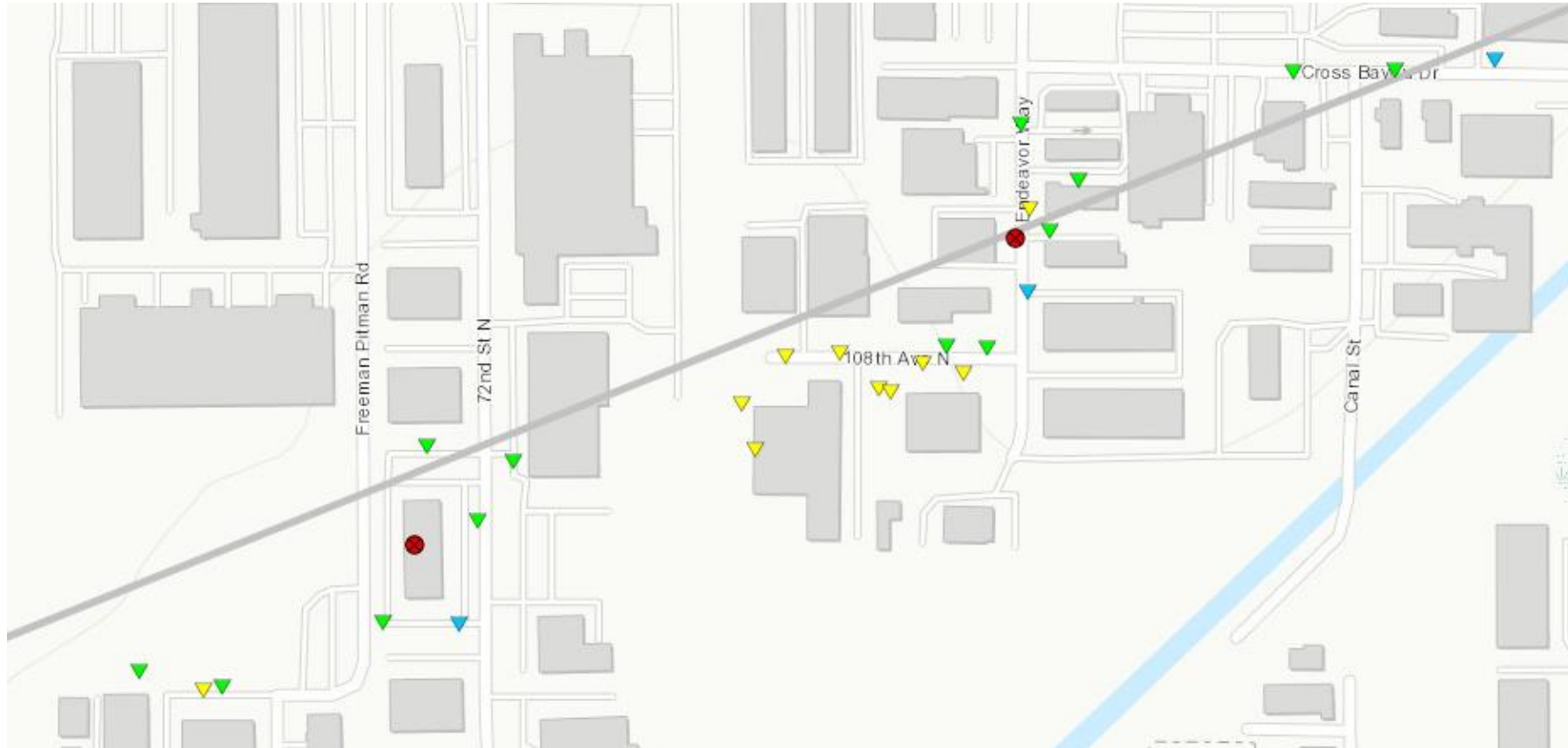
Location where damaged occurred

“Metal roof panels stripped from canopy”

“Damage converges towards central point along path”



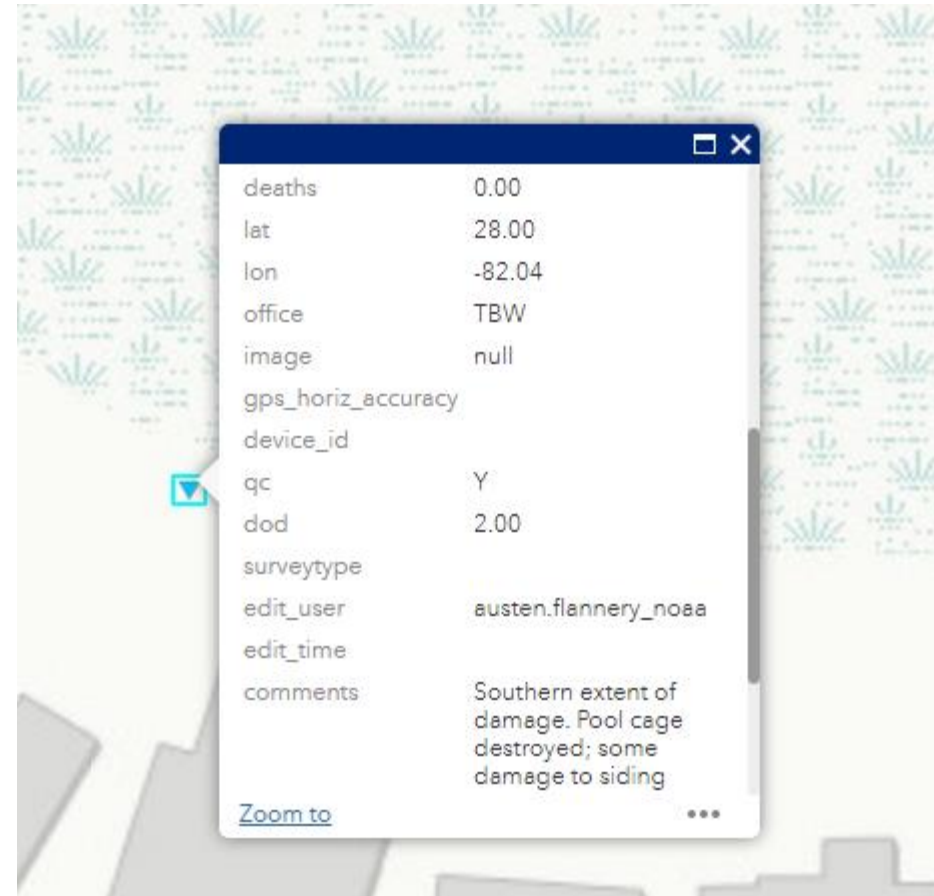
The More Detail the Better



Where Did Damage Start? End?

Important for determining the length of the damage

Can be correlated with what we see on radar



Most Importantly

Let us know what you know what you see, as soon as you can

The information is extremely important for us to accurately assess what happened, and determine if additional actions are needed



NWS Tampa Bay 
@NWSTampaBay



Reports of confirmed tornado on the ground. It is currently moving towards Kathleen. TAKE COVER NOW
[#flwx](#)

Questions?



Thank you for your time!
austen.flannery@noaa.gov

