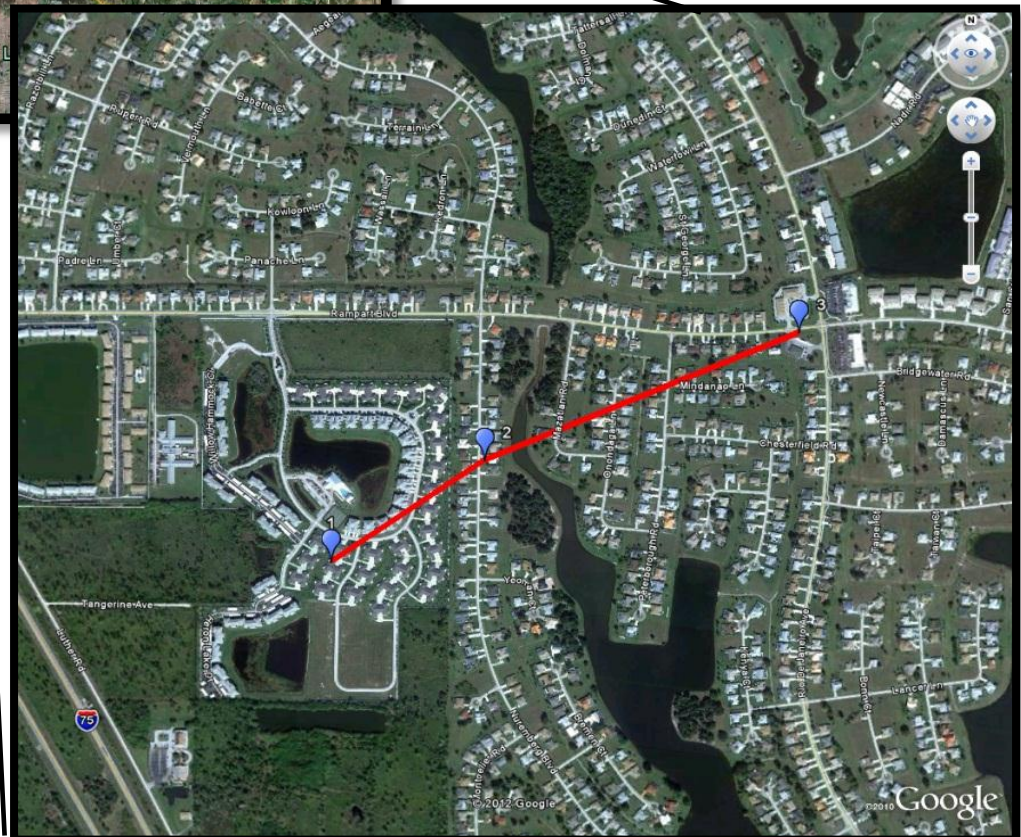
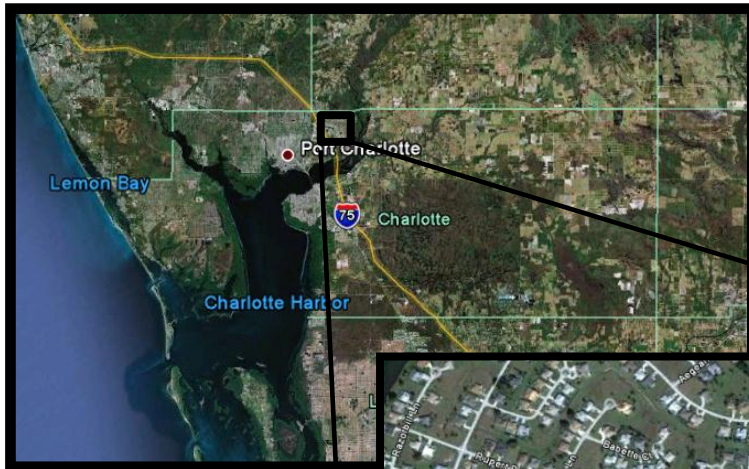


Jan. 27, 2012 EF-1 Port Charlotte Tornado

At 5:45am State Watch Office was relayed a report from Charlotte County Emergency Management of possible tornado damage to a couple structures in Port Charlotte, more specifically the Deep Creek area. Significant roof damage occurred at a house on Nuremberg Rd. In addition, roof damage to an apartment building occurred southwest to the house on Nuremberg with minor damage reported near a convenience store further northwest. With a combination of radar assessment and collaboration with Charlotte Co. Emergency Management, this supports damage caused by an EF-1 Tornado with winds approximately 95 mph. It was determined that the tornado took an interrupted (intermittent touchdowns) path approximately 0.75 mi with a width of 20 yd.

DETAILS
• Tornado Rating: EF-1 (around 95 MPH)
• Begin: 5:35 AM, 26.998° latitude, -82.028° longitude
• End: 5:45 AM, 26.999° latitude, -82.024° longitude
• Path Length Over Land: 0.75 miles, interrupted path
• Path Width: 20 yard



Tornado Damage at Point 1. Courtesy of Charlotte Co. EM



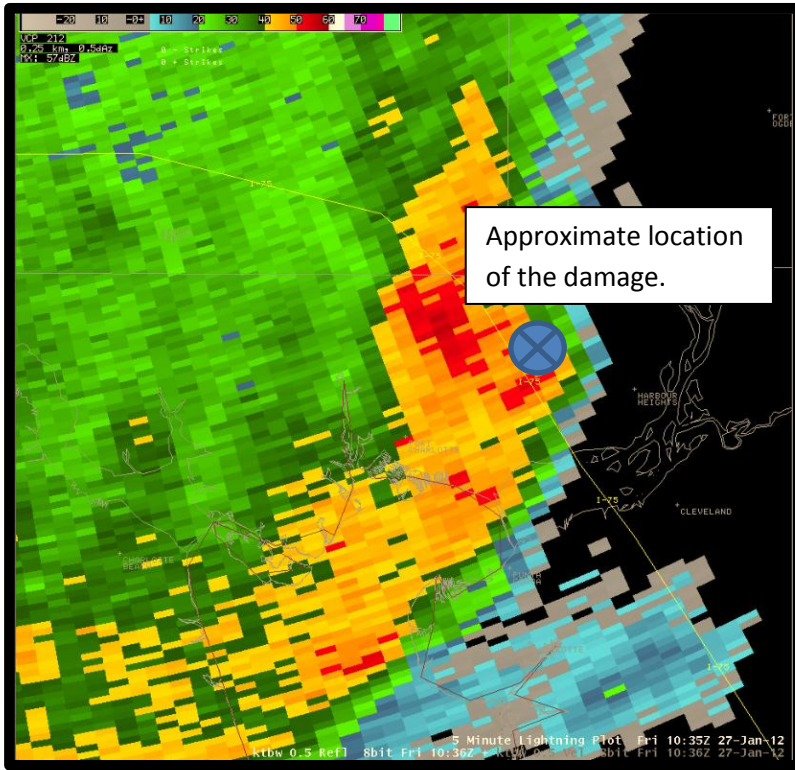
Point 1 shows tornado damage to an apartment building near Royal Tern Circle.

Tornado Damage at Point 2. Courtesy of Charlotte Co. EM



Point 2 shows significant damage to a house on Nuremberg Blvd. The tornado lifted after damaging the apartment complex and briefly touched back down near this house.

0.5 deg KTBW Reflectivity at 1036 UTC.



This reflectivity image from the KTBW radar shows a line of thunderstorms beginning to “bow” as it moves through Charlotte County.

0.5 deg KTBW Base Velocity at 1031 UTC

The velocity image from KTBW shows a broad area of relatively weak rotation near Port Charlotte. Since the lowest level that radar can sample in this area is around 4,000 ft., it is difficult to determine what is actually going on closer to the surface.

