NOAA, NATIONAL WEATHER SERVICE, WEATHER FORECAST OFFICE

Miami, Florida 33165

http://weather.gov/southflorida

Summary of Tornado Reports over South Florida: June 23-24, 2012

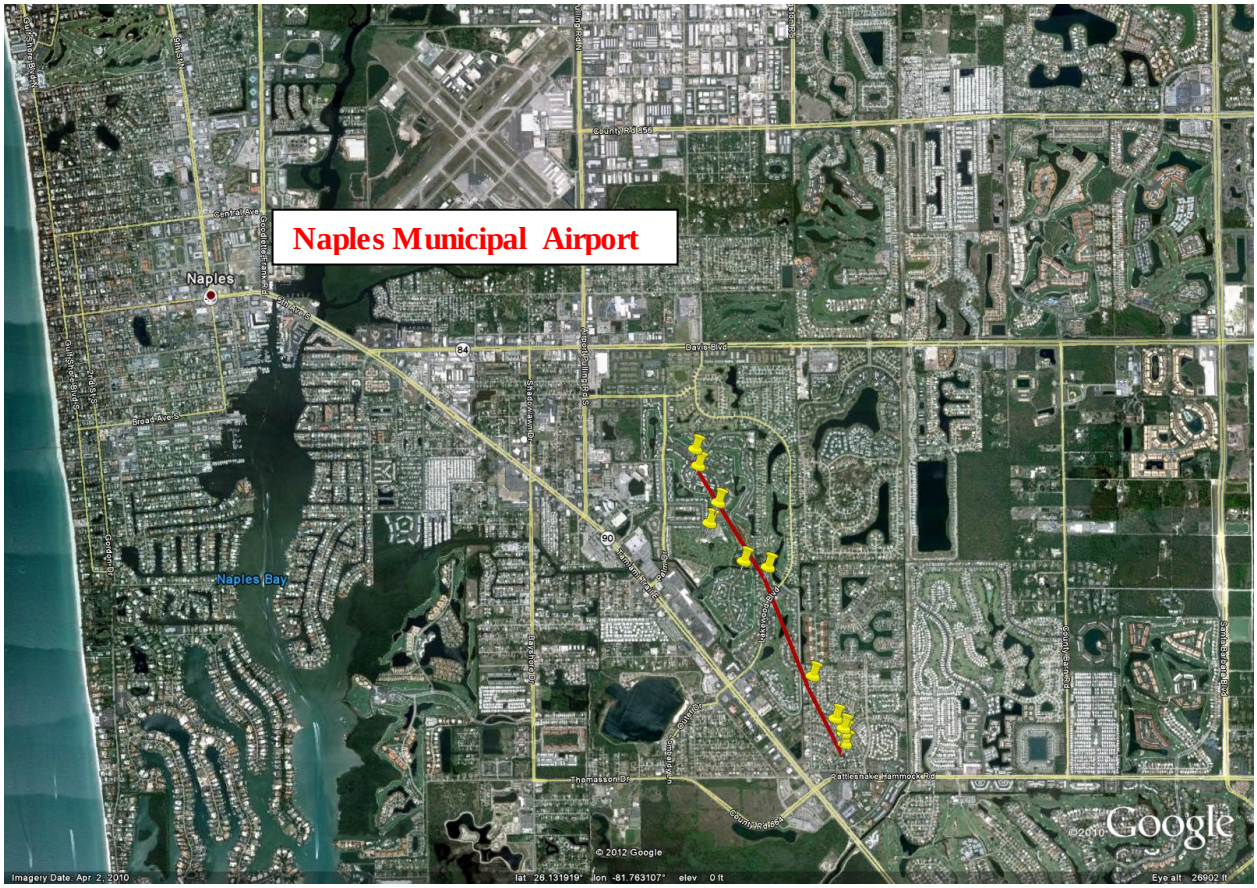
A total of **ten** tornadoes were reported in south Florida on the weekend of June 23-24 as a result of the outer circulation associated with Tropical Storm Debby in the northeastern Gulf of Mexico. Two were noted on June 23 and eight on June 24. The total of eight tornadoes in a four-hour period on June 24 is the most in one day over the southern Florida peninsula since October 14, 1964 when Hurricane Isbell also spawned eight tornadoes. The tornadoes of this past weekend were of EF0 intensity (of those that were rated).

A total of **27** tornado warnings were issued by the National Weather Service Miami Forecast Office over the weekend.

Following is a summary of the reported tornadoes.

June 23, 2012

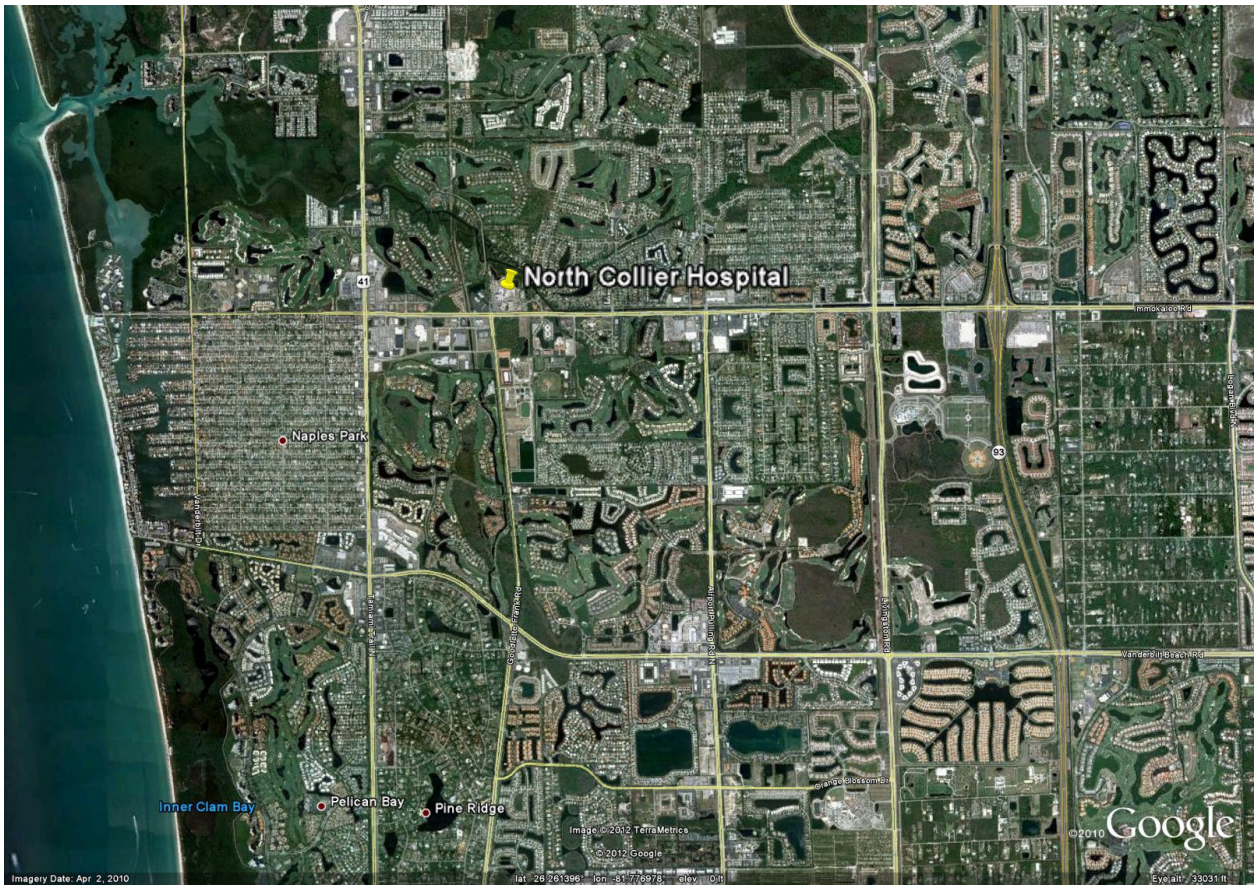
Tornado 1: East Naples (Collier County) tornado. Path length 1.7 miles. EF0.
335 PM – 337 PM EDT.



Survey of damage in revealed mainly broken tree branches, uprooted small trees and a palm tree split in half. A pool lanai was heavily damaged, but only minor roof damage to structures was noted. Well-defined damage path suggests low-end EF0 tornado with winds likely no more than 70-75 mph. Discontinuous path length approximately 1.7 miles with width likely no more than 20 yards.

This tornado was first observed as a waterspout just east of Isle of Capri on the southern shoreline of the Collier County mainland, likely tracking unobserved over the unpopulated mangrove areas of Rookery Bay and Henderson Creek before reaching the East Naples area. No Tornado Warning issued.

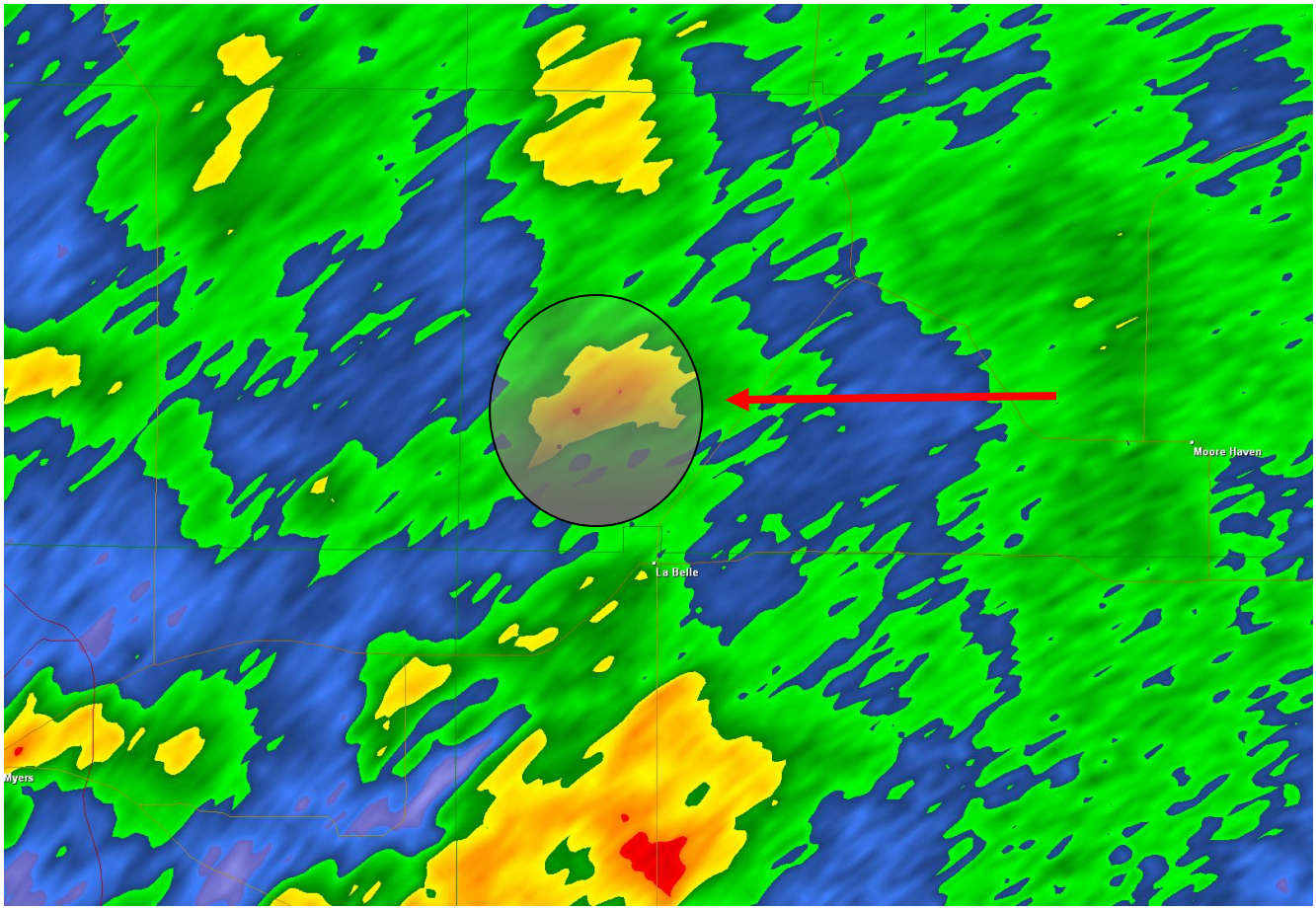
Tornado 2: North Naples – North Collier Hospital tornado. EF0. 4 PM EDT. One injury.



Brief touchdown at hospital site with tree branches and light poles broken off. One person was hit by broken branch and treated on-site. Tornado Warning issued at 358 PM EDT.

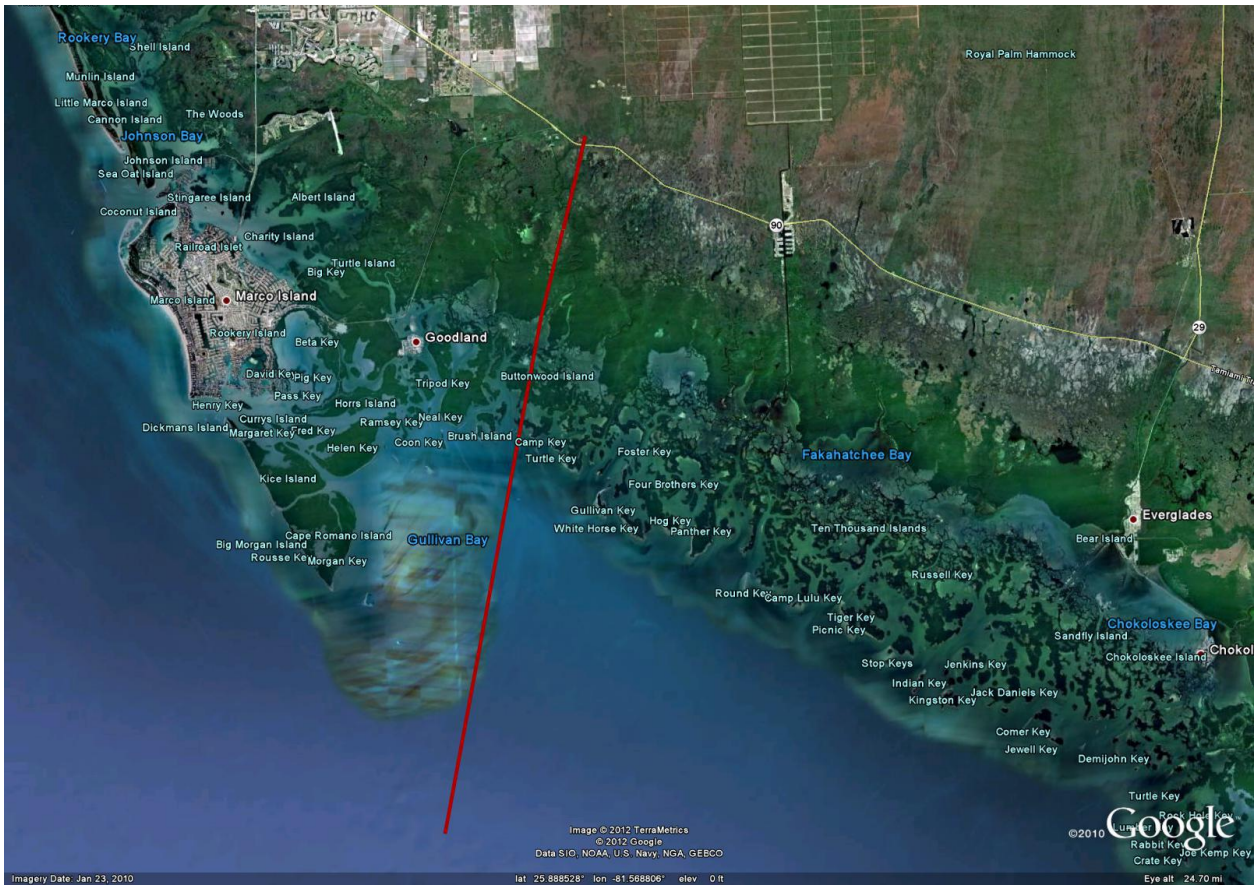
June 24, 2012

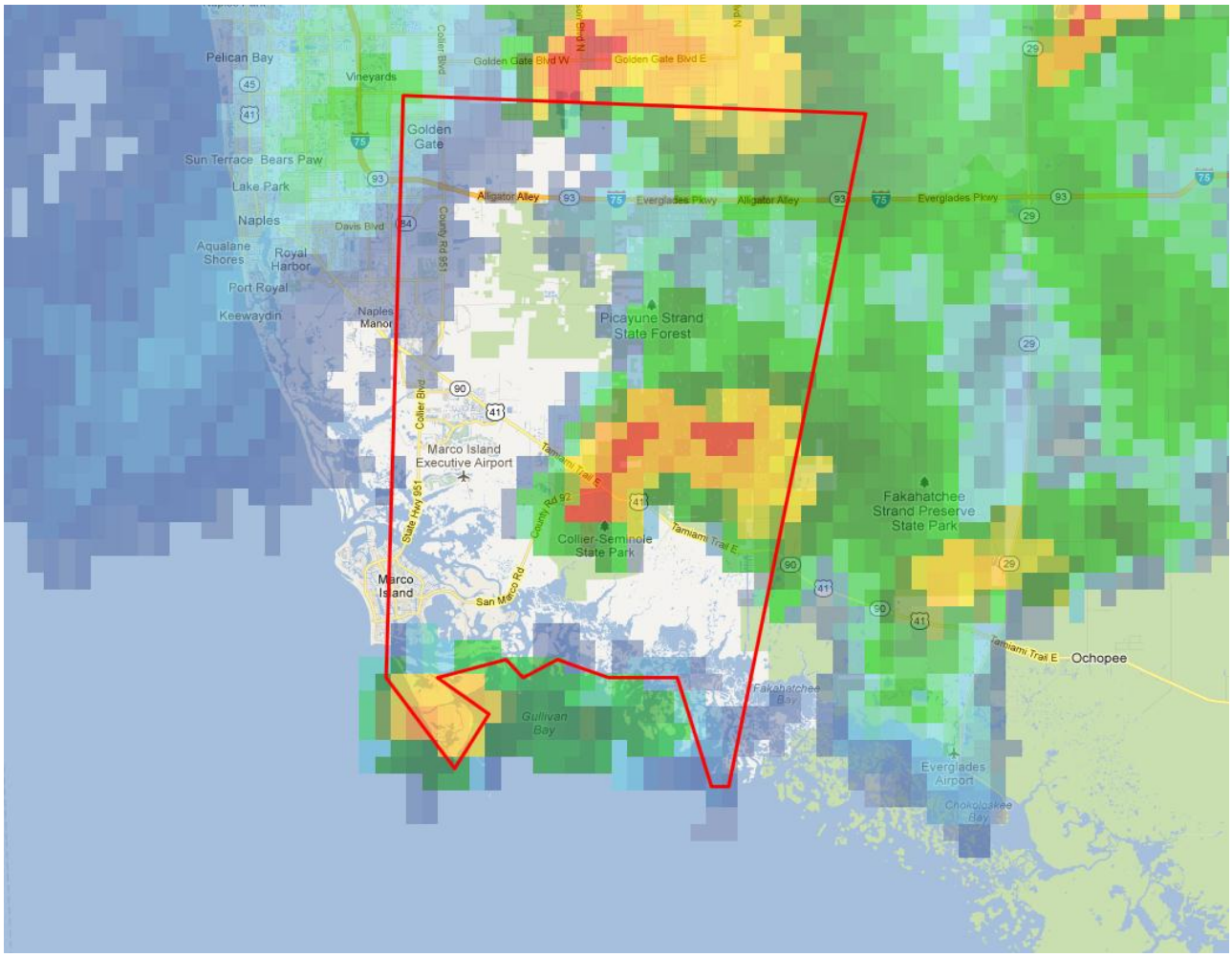
Tornado 1: SW Glades County (Muse). 1100 AM EDT



Damage to barn roof in rural SW Glades County near Muse community. No Tornado Warning issued.

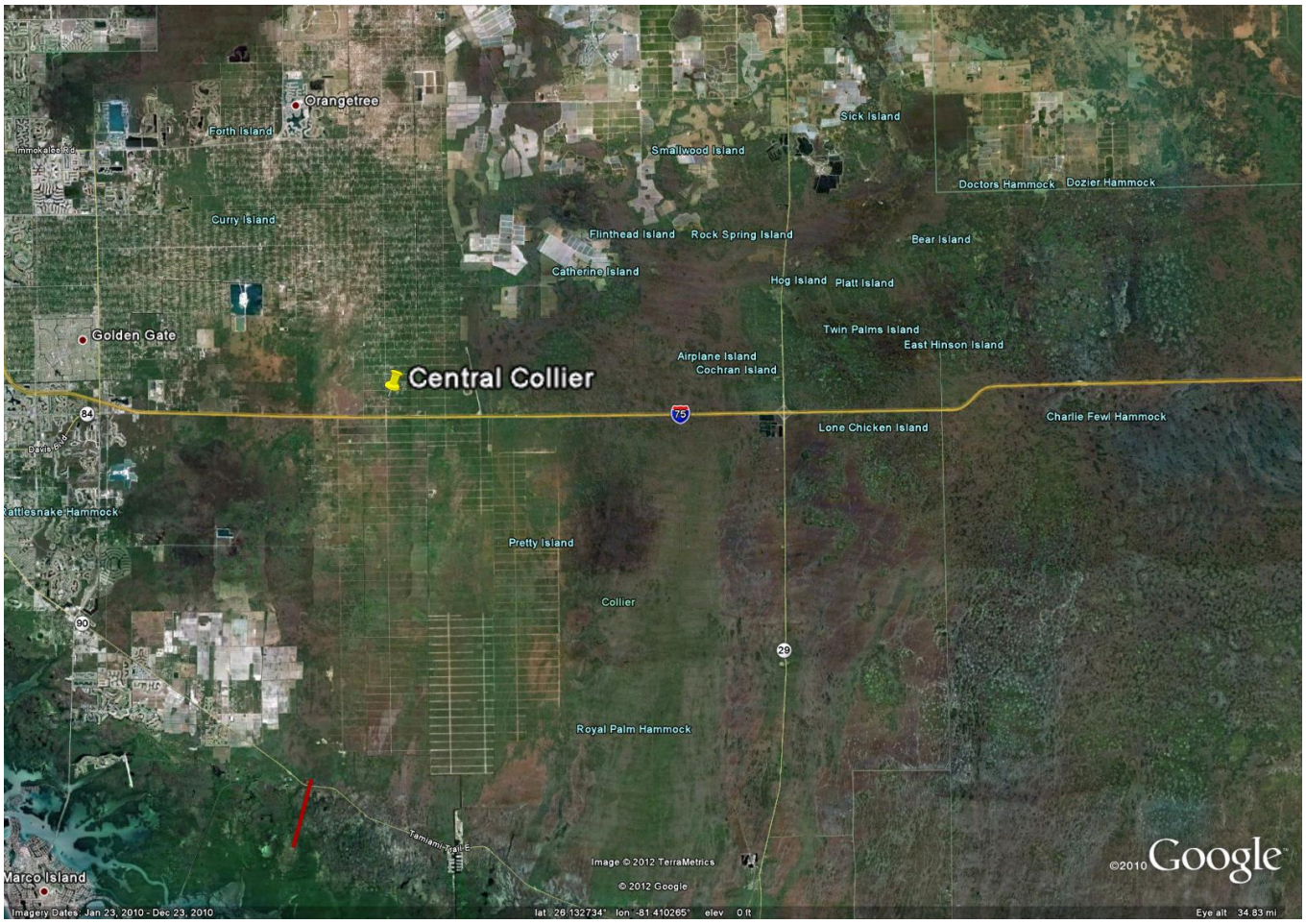
UPDATED - Waterspout/Tornado 2: southern Collier County. Path length 16 miles. EF0. 1110 AM – 1140 AM EDT.





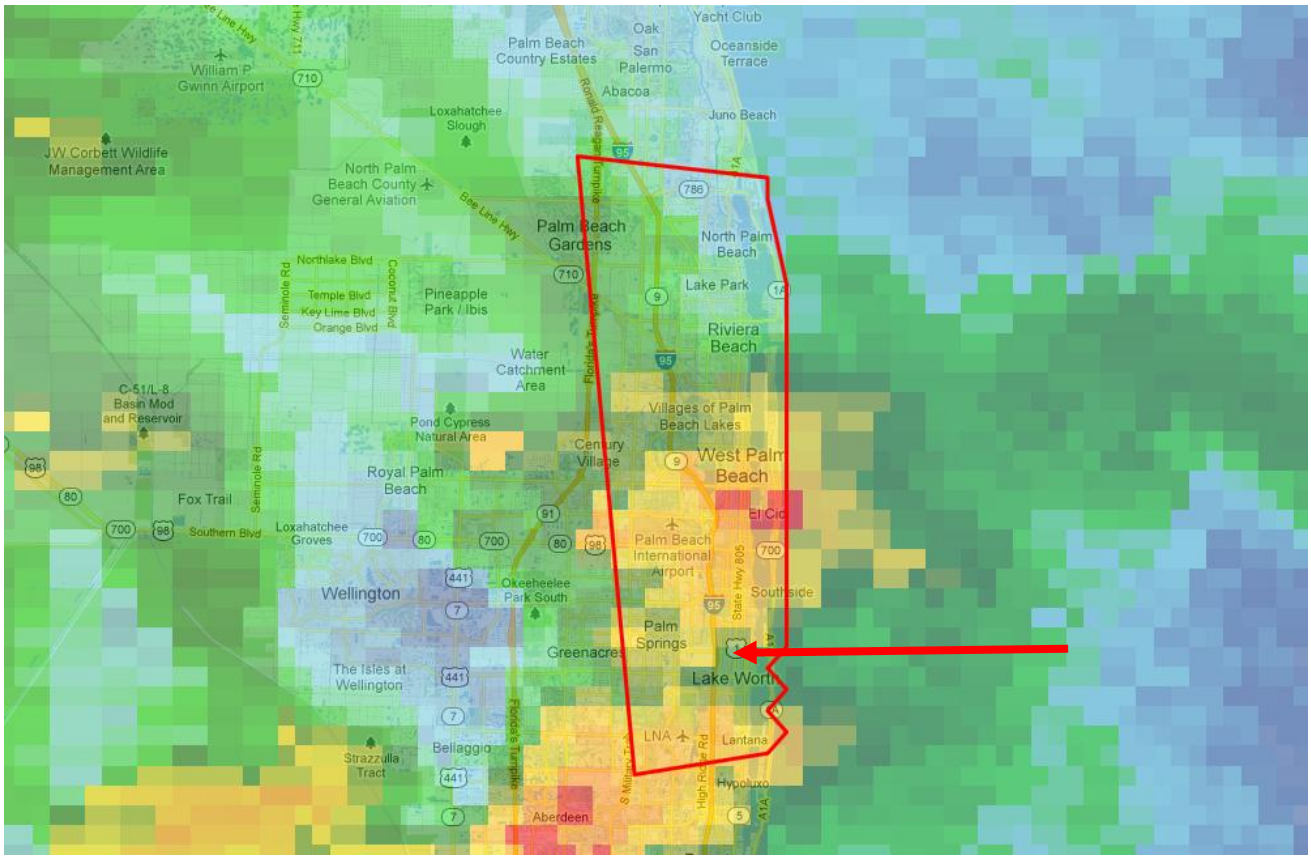
Storm spotter videos and observations indicate that a waterspout moving NNE over Sullivan Bay passed about 3 miles east of Cape Romano at approximately 1119 AM EDT, then moved over Blackwater Bay and on the mainland at about 1133 AM three miles east of Goodland. Miami WSR 88-D radar data indicated a maximum rotational velocity of 75 kt at 6900 ft at 1128 AM east of Cape Romano. Tornado was captured on video approaching US 41 at about 1135 AM, crossing the highway around 1140 AM near a roadside picnic area about ½ mile east of the Collier-Seminole State Park entrance. Damage was mainly trees in non-populated area of the Everglades. Tornado Warning issued at 1131 AM EDT. Special Marine Warning issued at 1112 AM EDT.

Tornado 3: west-central Collier County. 1200 PM EDT. No intensity determined.



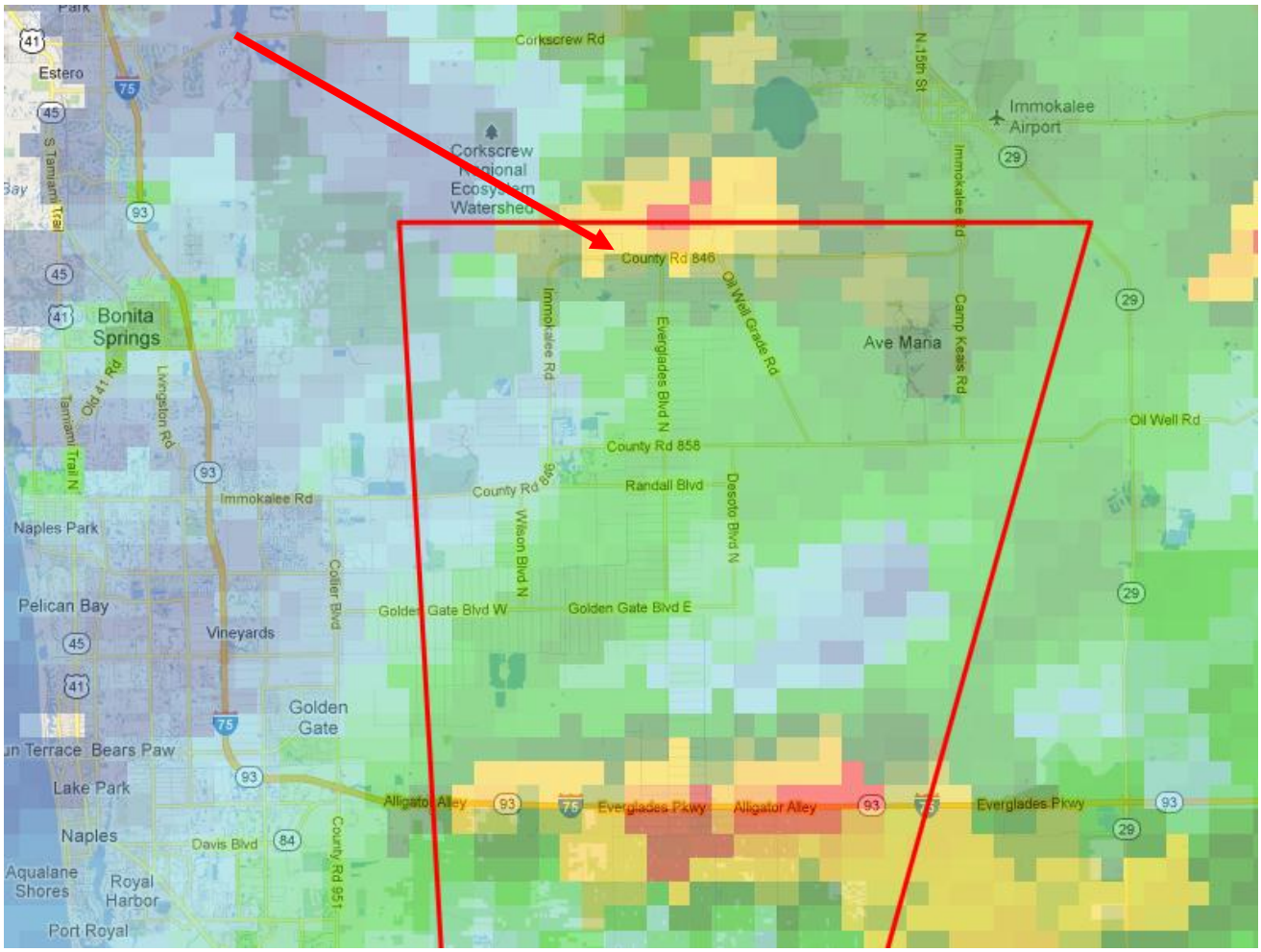
Observed by trained spotter from Alligator Alley. This tornado was likely spawned by same cell that produced earlier tornado in southern Collier County (red line in lower left of image above). Tornado Warning issued at 1131 AM EDT and reissued at 1156 AM EDT.

Tornado 4: Lake Worth (Palm Beach County). 1225 PM EDT. EF0



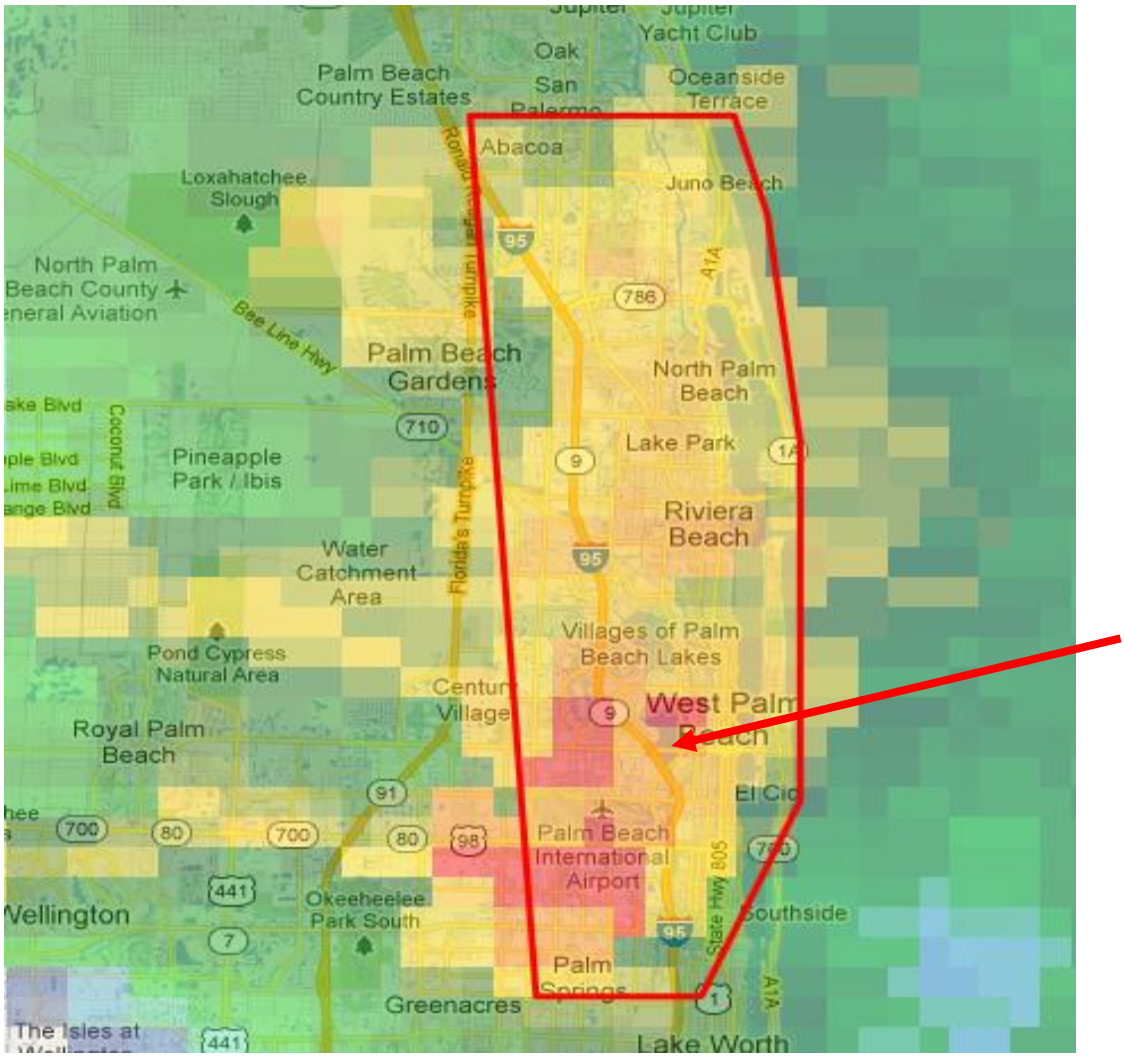
Damage was confined to a few homes on North A Street and 15th Avenue, between US 1 and I-95. Damage was minor and consisted primarily of vegetation and debris from a nearby park. Tornado Warning issued at 1220 PM EDT.

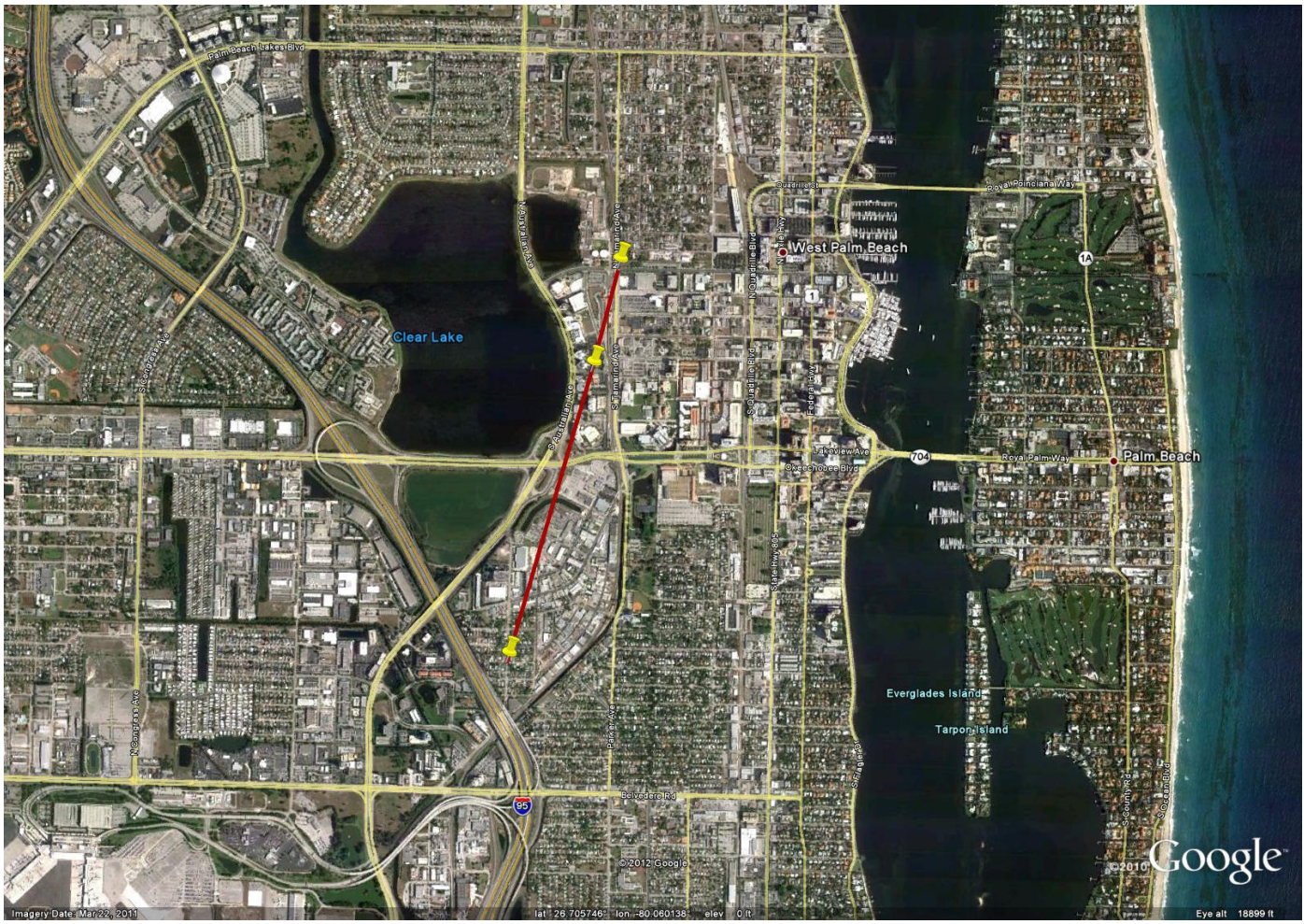
Tornado 5: Northern Collier County. 1225 PM EDT. No intensity determined.



Trained spotter observed tornado while driving on Immokalee Road. Tornado crossed Immokalee Road west of Everglades Blvd. Tornado Warning issued at 1156 AM EDT and reissued at 1226 PM EDT. Mainly over unpopulated area with no reports of damage. Tornado lifted before 1230 PM EDT.

UPDATED - Tornado 6: West Palm Beach (Palm Beach County).
125 PM – 127 PM. EF0.

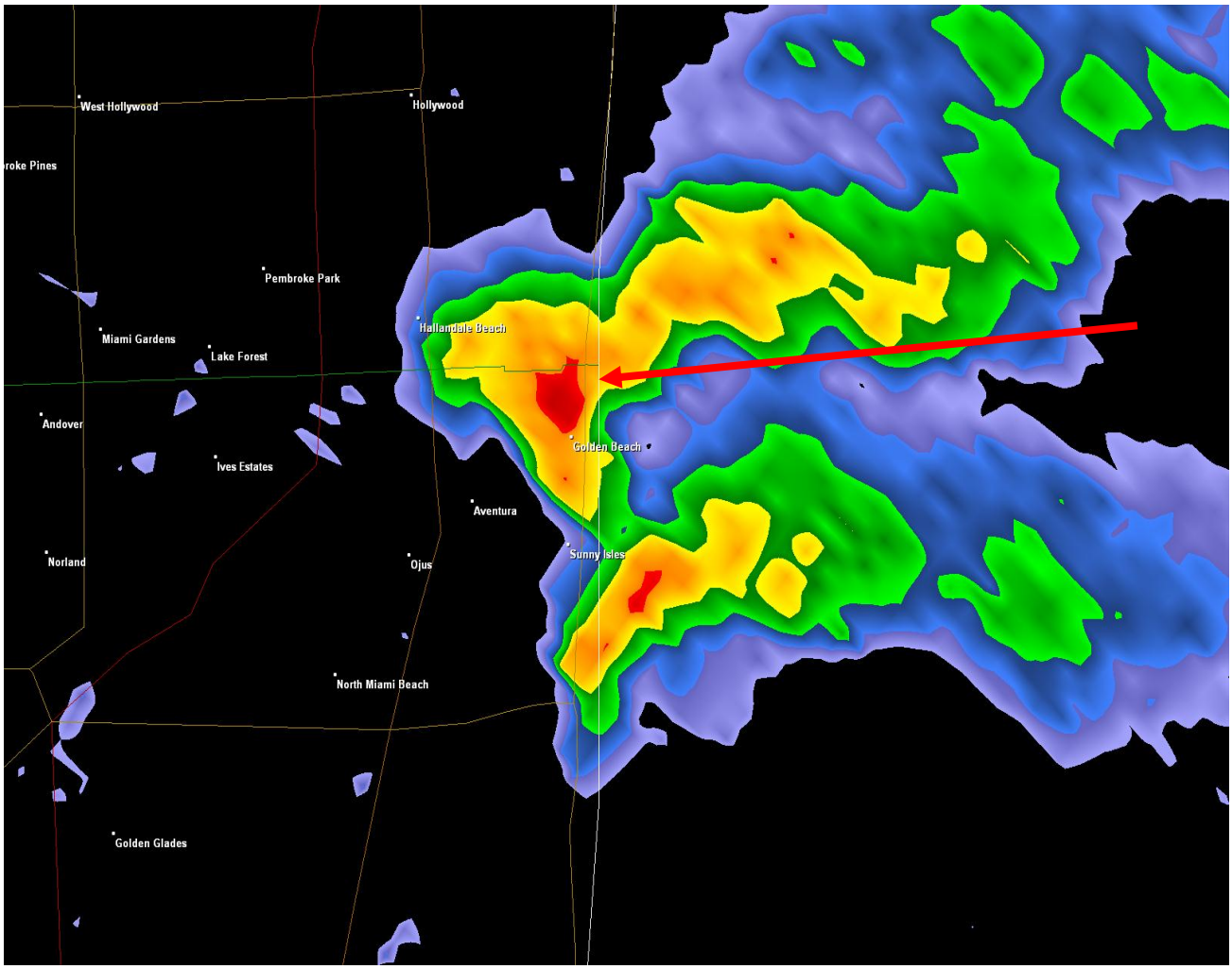




First report of damage occurred to a carport south of Okeechobee Blvd and east of I-95. Tornado traveled through a warehouse district just south of Okeechobee Blvd and east of Australian Avenue, damaging roofs and doors to a warehouse building. Tornado then crossed Okeechobee Blvd and traveled between Australian and Tamarind Avenues, damaging trees and knocking down a large metal gate at the West Palm Beach train station. A railroad crossing arm was broken at Tamarind Avenue and Banyan Blvd. Discontinuous path of 1.2 miles. Tornado Warning issued at 1257 PM EDT.

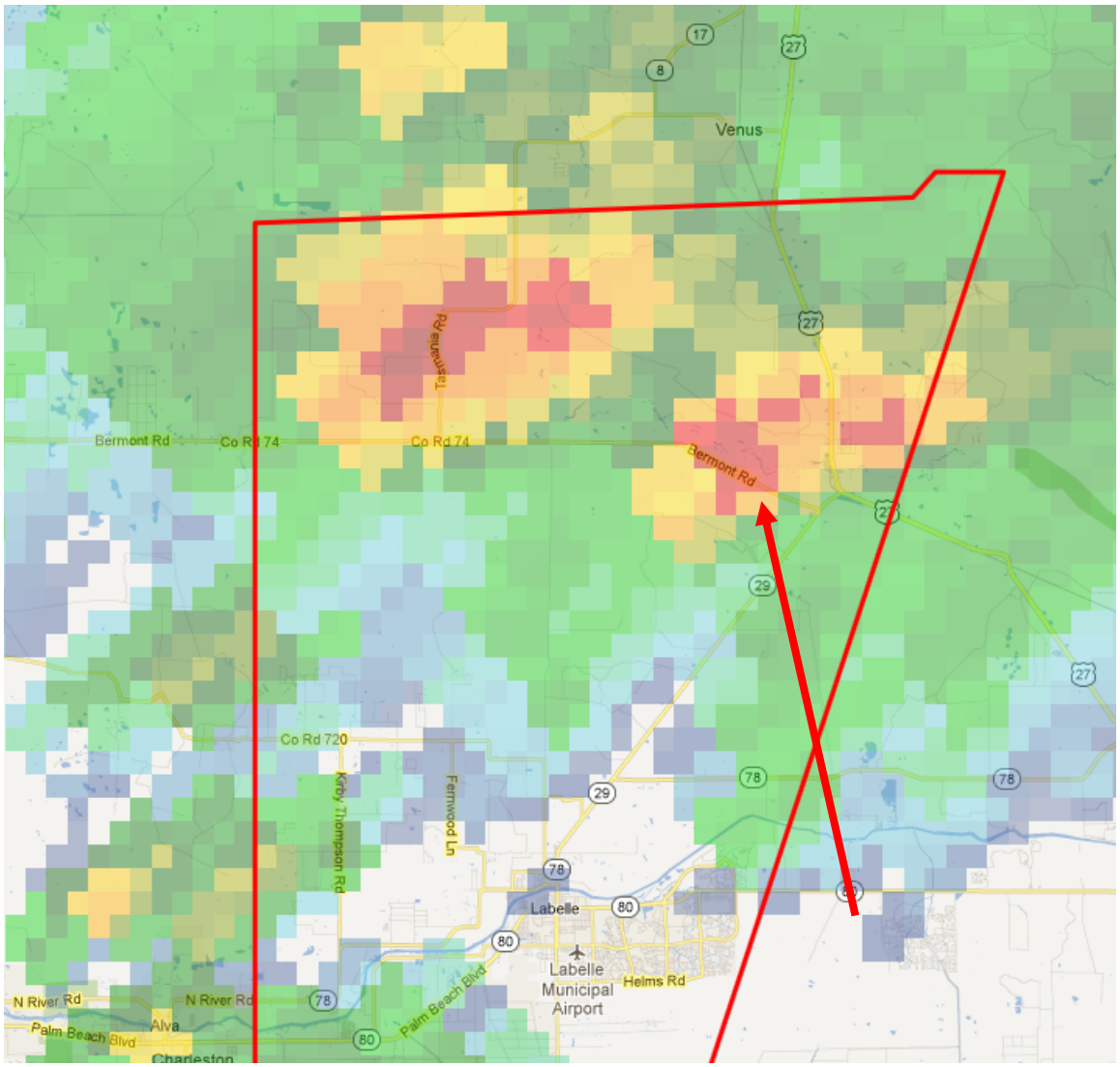
Maximum winds were likely in upper end of EF0 scale (75-85 mph), with most areas along the path probably experiencing low-end EF0 winds (65-75 mph winds).

Tornado 7: Golden Beach (Miami-Dade County). 205 PM EDT. EF0.



Golden Beach PD reported waterspout moving onshore at 205 PM at the 400 block of Ocean Boulevard and quickly moving north along the beach side of Ocean Boulevard to the Broward County line. Path was approximately 0.5 miles. Beach chairs were tossed about 30 feet in the air, damage to trees and a hut in the 400-500 block of Ocean Blvd. Most damage occurred at 625 Ocean Blvd where doors and a large metal gate were blown down and twisted, along with large tree branches snapped. No injuries reported. A Special Marine Warning for gusty winds and waterspouts was issued at 154 PM EDT. A Severe Thunderstorm Warning had expired at 200 PM EDT. No other warnings were in effect.

Tornado 8: Central Glades County. 304 PM EDT. No intensity determined.



Glades County Sheriff's Office reported a tornado crossing Bermont Road (SR 74) about a mile southwest of Palmdale at 304 PM EDT. No known damage due to tornado moving over unpopulated area west of US 27 just west of the town of Palmdale. Tornado Warning issued at 243 PM EDT.