

A stylized graphic featuring a yellow sun with rays on the left and a large green leaf on the right, both with white outlines. A light blue wave-like shape is positioned below the leaf.

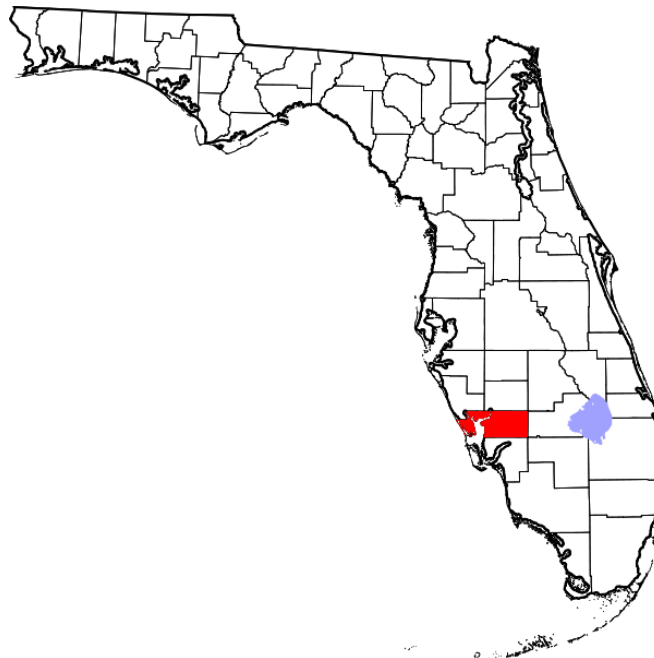
# Hurricane Ian

## Debris Removal Operations



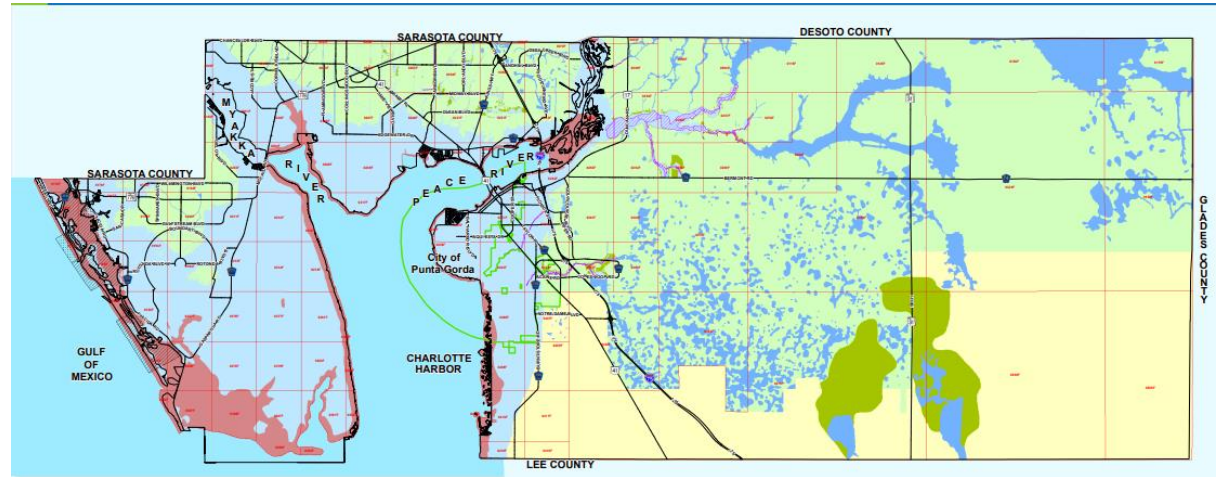
# Charlotte County Overview

- 858 square miles
- Population of approximately 195,000 (2021)
- 1 incorporated city – Punta Gorda
- Approx. 2200 centerline miles of roadway, 319 miles of fresh and saltwater canals, 517 miles of primary stormwater ditches



# Charlotte County Flood Zones

- Charlotte County participates in the National Flood Insurance Program (NFIP)

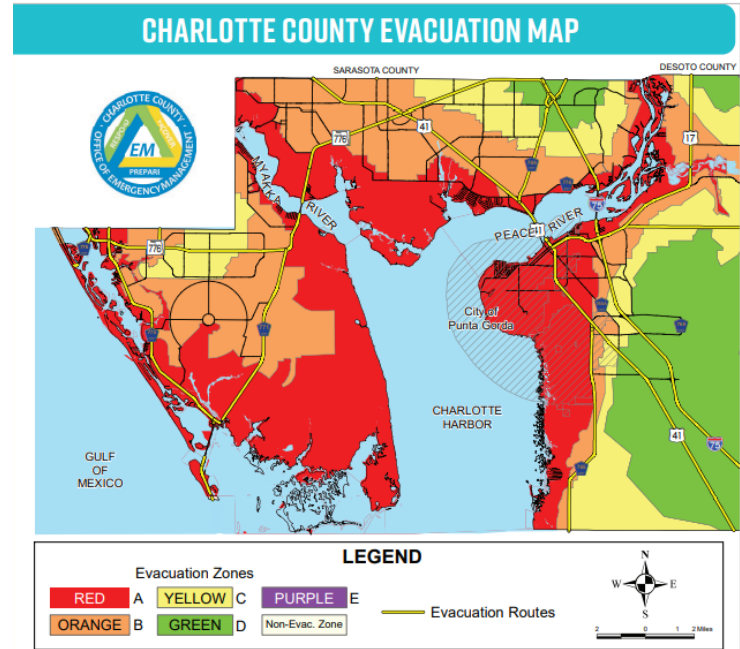


[Flood Insurance Rate Map \(charlottecountyfl.gov\)](http://charlottecountyfl.gov)



# Charlotte County Evacuation Zones

- Ordered evacuation of both Red and Orange Zones
- Approx. 2/3 of the county



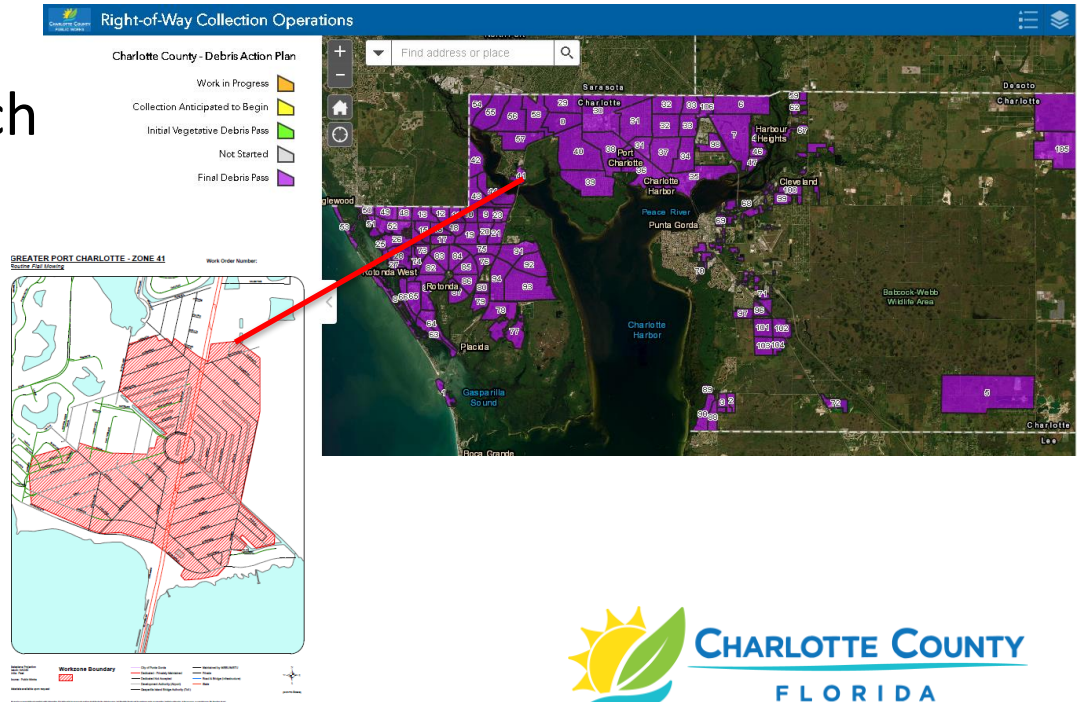
# Debris Removal Operations

- Initial Push (main thoroughfares) – completed in 2 days
- Countywide Initial Push – completed in 7 days



# Debris Removal Operations Cont.

- Debris hauler – Ashbritt
- Debris monitor – TetraTech
- Utilized zone maps for debris removal collection
  - 107 zones



# Debris Removal Operations Cont.

- 6 Pre-approved DDMS sites
  - Activated 3 DDMS Sites for debris staging and reduction
- 2 citizen drop off sites
  - Staged in strategic locations
- Temporarily converted 2 mini-transfer stations to citizen drop off sites



# Debris Removal Operations Cont.



# Impacts

- Extensive localized flooding and roadway damages (erosion).
- Countywide power outages.
- Catastrophic roadway signage and traffic signal damages.
- Western portion of the county experienced heaviest damages due to storm track and landfall.
- 4,670,706 CY of debris has been collected.



# Challenges

- Early on a large amount of operational staff unable to get to assigned work locations due to flooding in North Port.
- Cell phone communication was not reliable.
- Basic human needs (showers, restrooms, food, fuel).
- Triaging requests from EOC.
- Public Information (website updates and dissemination of details).

# Lessons Learned

- Shelter immediate response crews.
- Request basic human needs immediately or have resources pre-positioned.
- Ensure staff is aware of their roles and responsibilities.
- Plan overlapping schedules for EOC and Public Works war room staff members (to keep staff from burning out).
- Security









# Contact Info

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