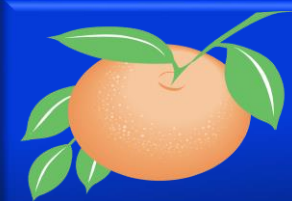


Orange County BCC

**Hurricane Ian
Storm and Recovery Update**

**Board of County Commission Meeting
October 11, 2022**

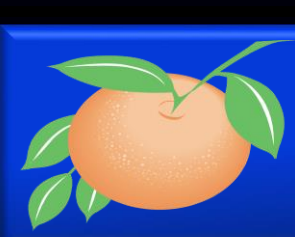


Presentation Outline

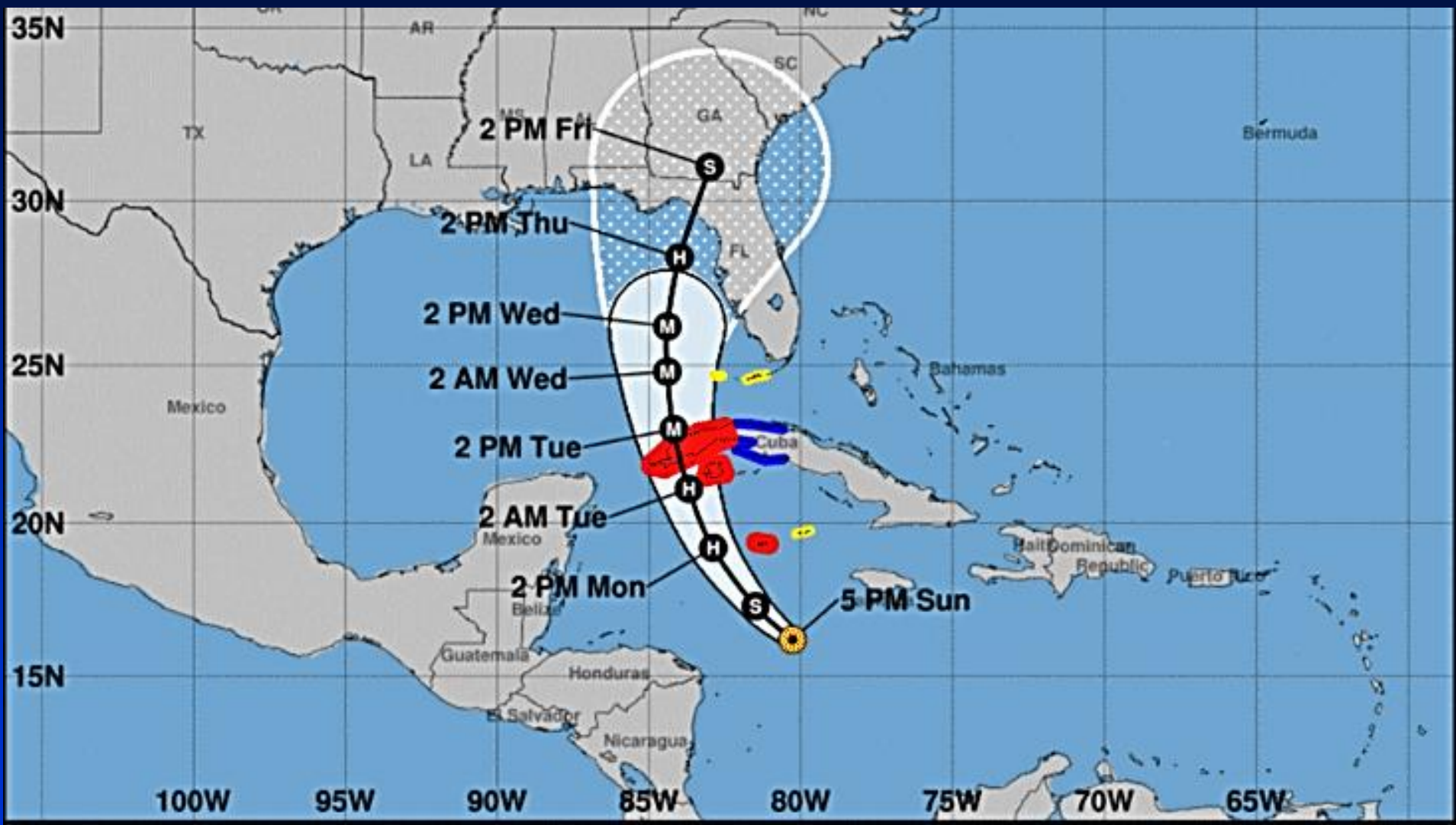
- **Emergency Preparedness and Response**
- **EOC Activation and Disaster Response**
- **Public Works Department Damage and Recovery**
- **Utilities Department Damage and Recovery**
- **Community and Family Services Department Relief Efforts**
- **Communications Update**

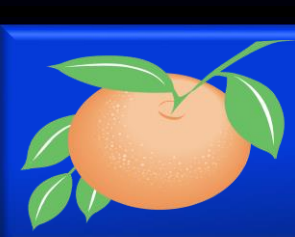


Photo Credit: NASA / AFP



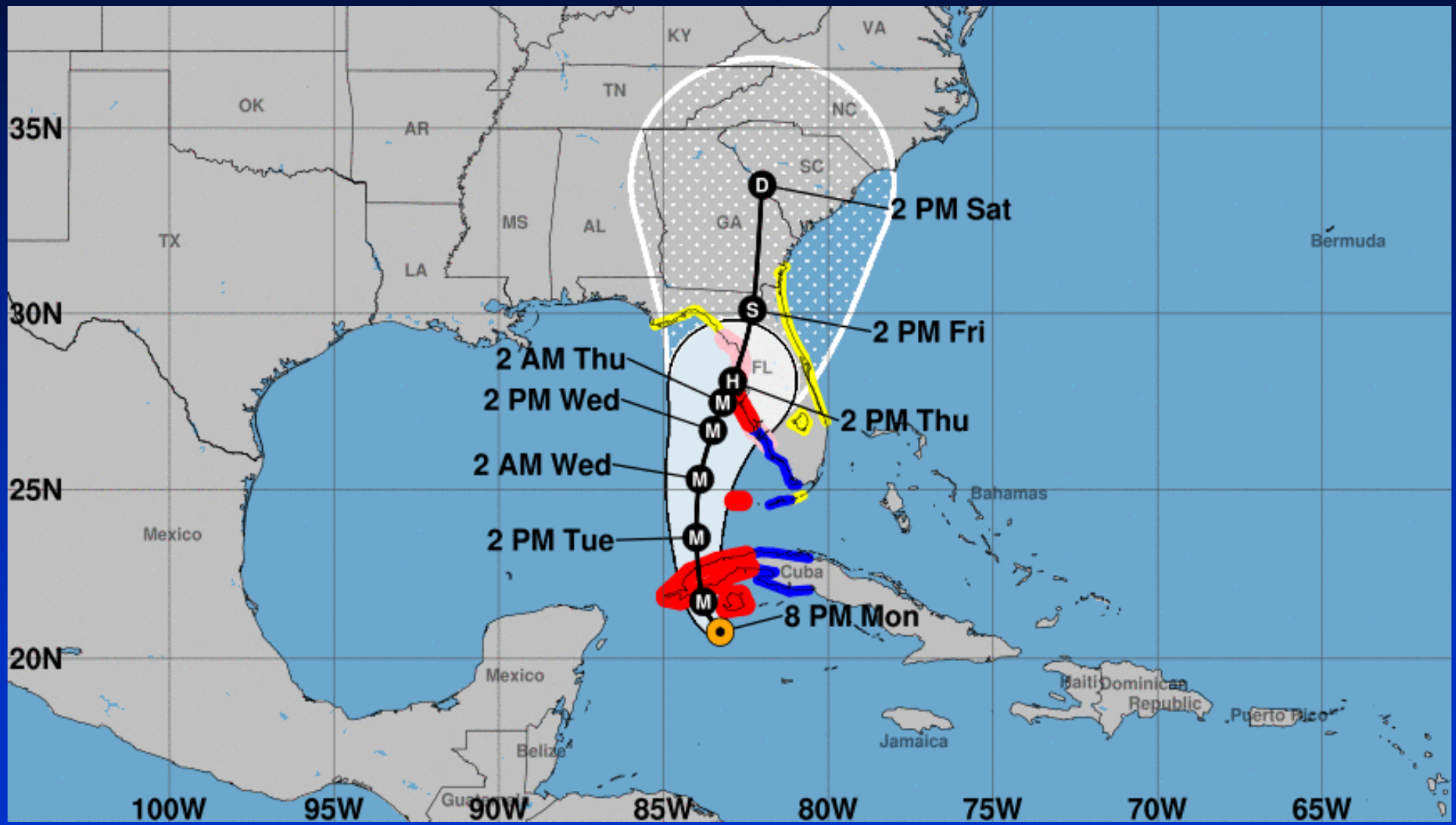
Hurricane Ian Projected Route 72 Hours Before Impact

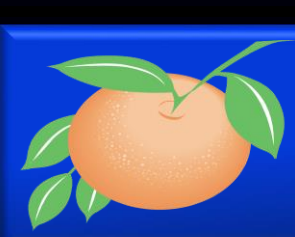




Hurricane Ian

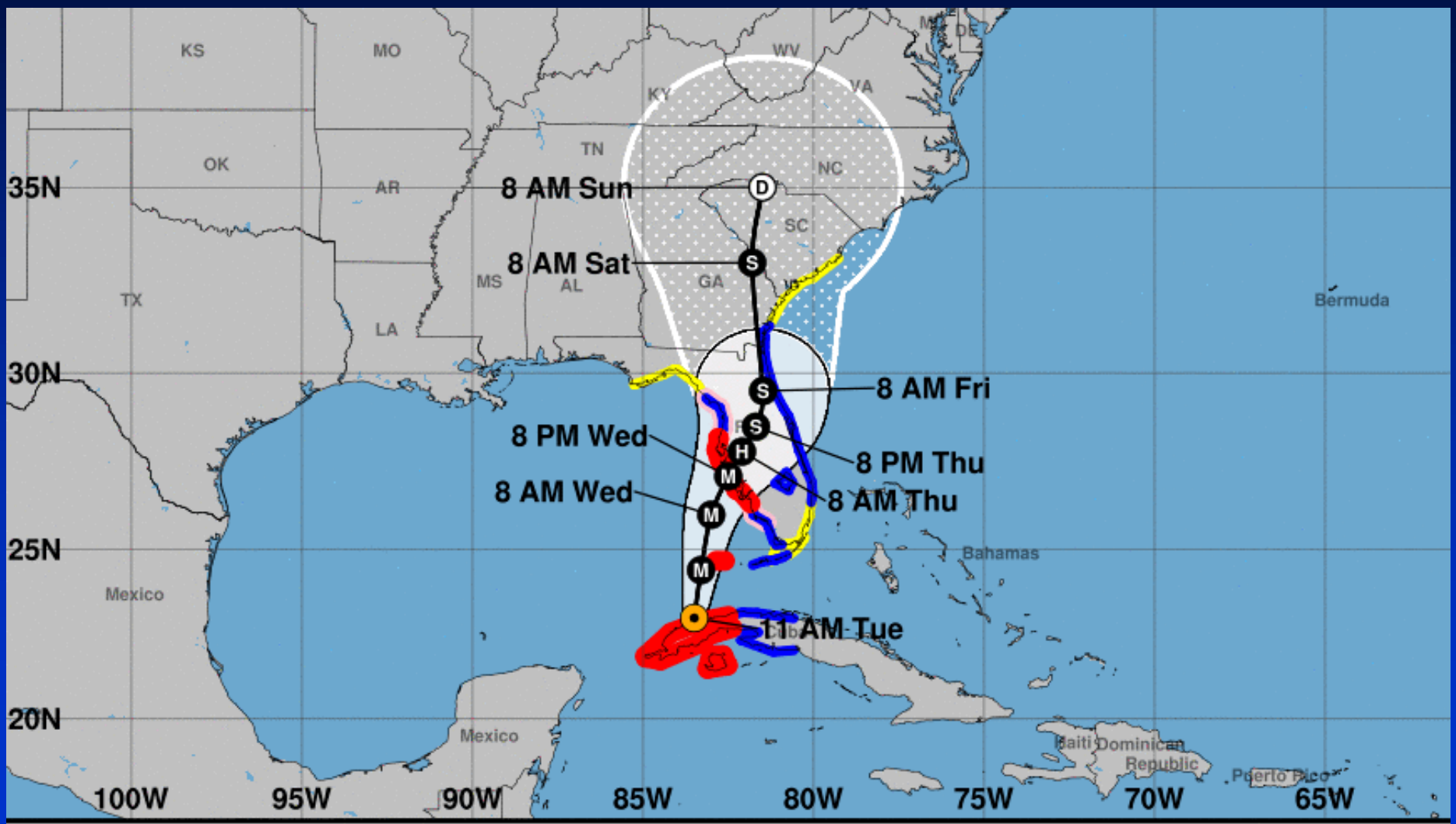
Projected Route 48 Hours Before Impact

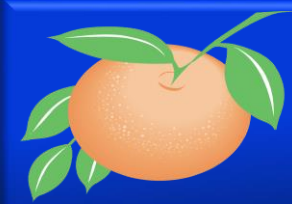




Hurricane Ian

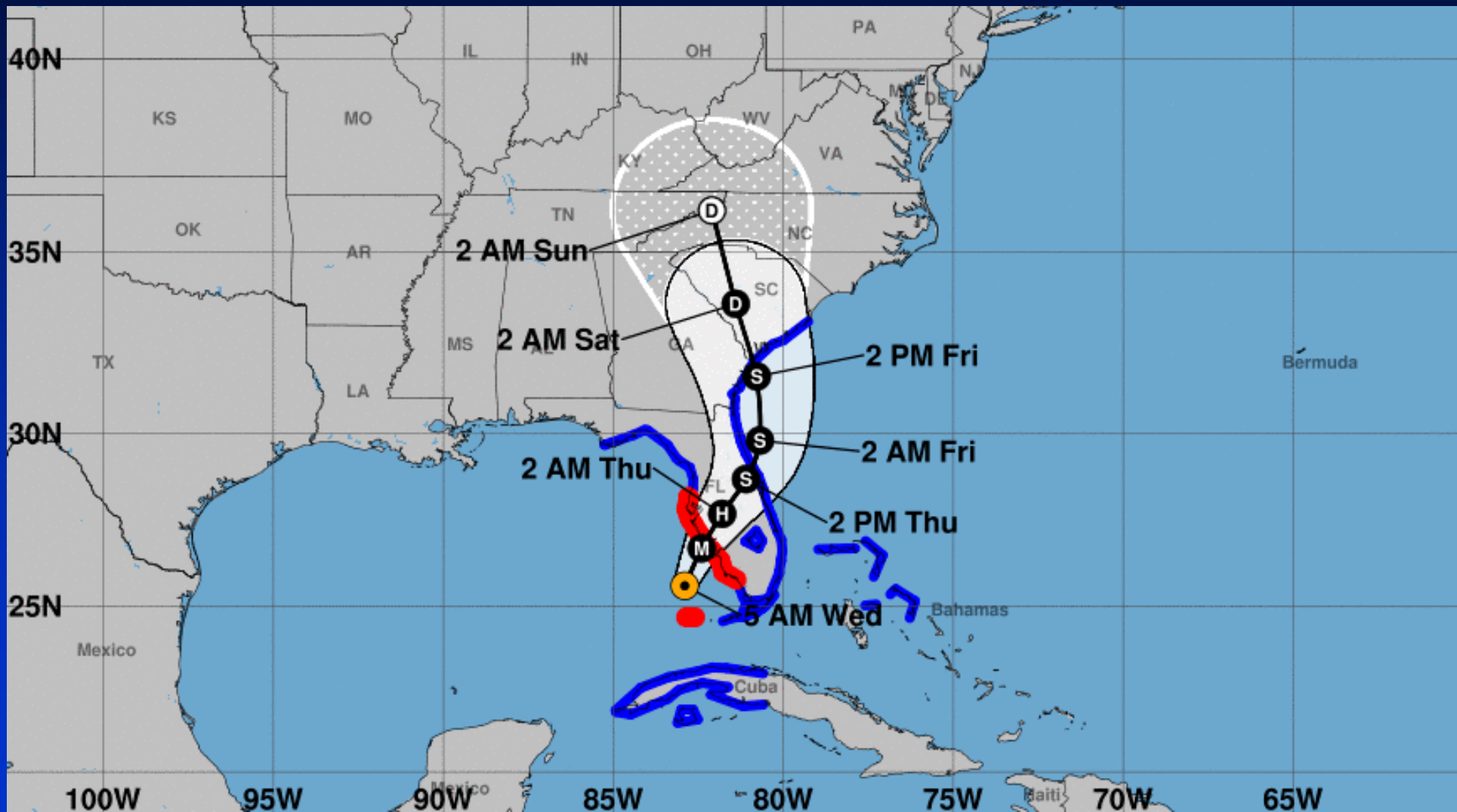
Projected Route 24 Hours Before Impact

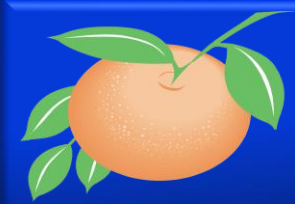




Hurricane Ian

Actual Route of Storm





Hurricane Ian | Emergency Preparedness

Sandbags Distribution – September 24, 2022

- Orange County Residents - 10 Sandbags per Household
- Locations:
 - Bithlo Community Park
 - Downey Park
 - Meadow Woods
 - Barnett Park
 - West Orange Recreation Center

170,000 Sandbags distributed in Orange County

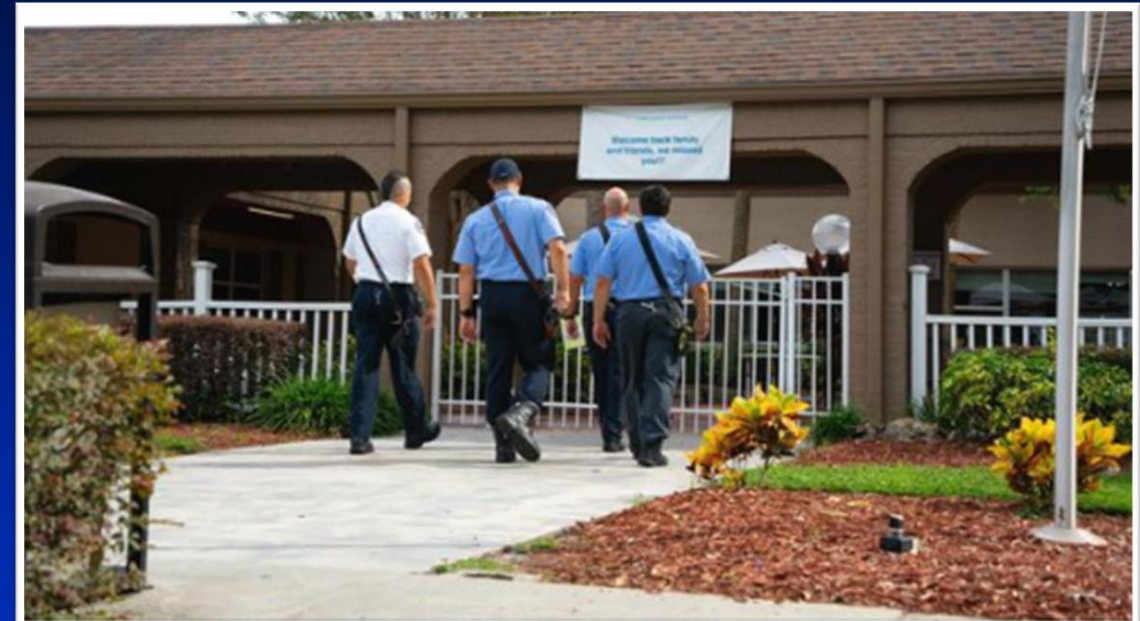


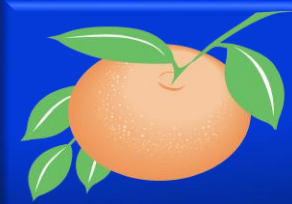


Hurricane Ian | Orange County Fire Rescue

Pre-Storm Activities

- Fire Fighters and Fire Inspectors visited over 100 Assisted Living Facilities and Nursing Homes
 - Emergency Evacuation Plans
 - Emergency Generator Plans



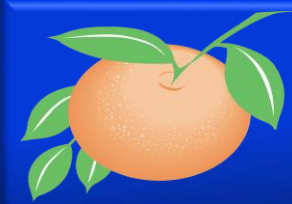


Hurricane Ian | Orange County Fire Rescue

Pre-Storm Activities

- Fire Rescue went door-to-door to 8,000 homes at 80 mobile home parks
 - Distributed flyers with storm safety tips
 - Encouraged residents to evacuate to shelters or with friends and family

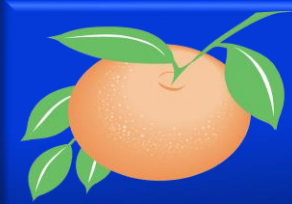




Hurricane Ian | Shelter Activation

General Population: 1400 | PSN Population: 237

Location	Shelter Type	Pets	Capacity
Apopka HS	General Population	Pet Friendly	584
Ocoee HS	General Population	No Pets	397
Dr. Phillips HS	General Population	No Pets	420
Timber Creek HS	General Population	Pet Friendly	331
Oak Ridge HS	General Population	Pet Friendly	436
Memorial MS	General Population	No Pets	437
Timber Springs MS	General Population	No Pets	393
University HS	PSN Shelter	Pet Friendly	100
Olympia HS	PSN Shelter	Pet Friendly	54
Freedom HS	PSN Shelter	No Pets	55



Hurricane Ian | Shelter

South Econ Recreation Center Shelter

■ Shelter Support

- American Red Cross
- Orange County Animal Services
- Orange County Sheriff's Office

■ 163 clients and 32 pets

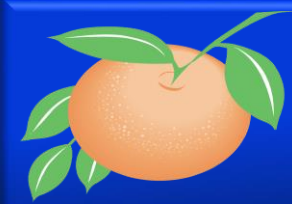
■ Shelter Capacity - 220

■ Mission Request – State Case Management Team



Orange County Animal Services





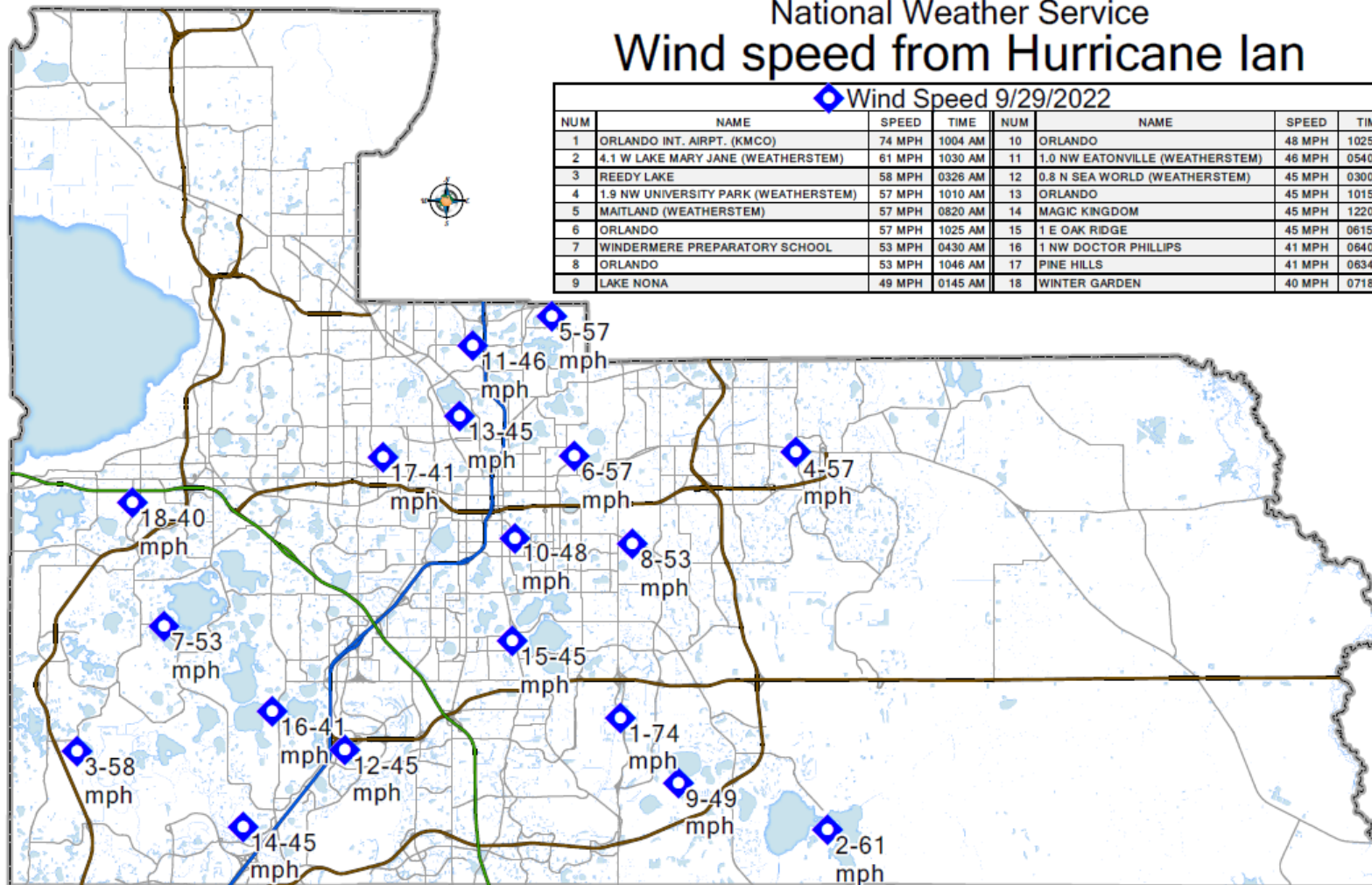
Hurricane Ian | Wind Speed

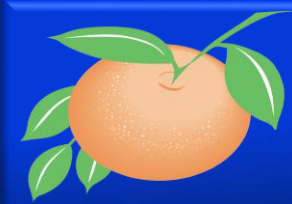
Orange County
Florida

National Weather Service Wind speed from Hurricane Ian

Wind Speed 9/29/2022

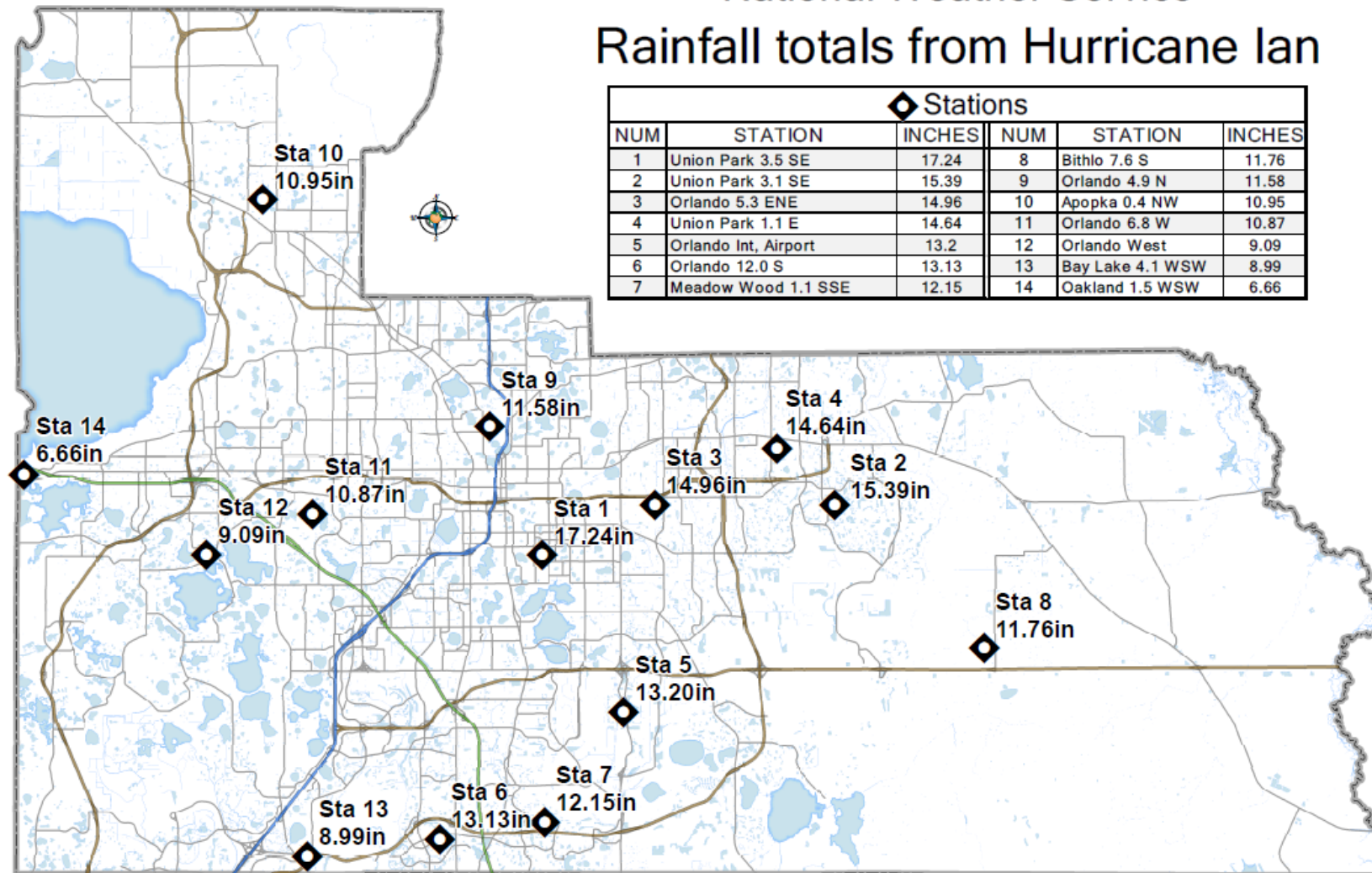
NUM	NAME	SPEED	TIME	NUM	NAME	SPEED	TIME
1	ORLANDO INT. AIRPT. (KMCO)	74 MPH	1004 AM	10	ORLANDO	48 MPH	1025 AM
2	4.1 W LAKE MARY JANE (WEATHERSTEM)	61 MPH	1030 AM	11	1.0 NW EATONVILLE (WEATHERSTEM)	46 MPH	0540 AM
3	REEDY LAKE	58 MPH	0326 AM	12	0.8 N SEA WORLD (WEATHERSTEM)	45 MPH	0300 AM
4	1.9 NW UNIVERSITY PARK (WEATHERSTEM)	57 MPH	1010 AM	13	ORLANDO	45 MPH	1015 AM
5	MAITLAND (WEATHERSTEM)	57 MPH	0820 AM	14	MAGIC KINGDOM	45 MPH	1220 AM
6	ORLANDO	57 MPH	1025 AM	15	1 E OAK RIDGE	45 MPH	0615 PM
7	WINDERMERE PREPARATORY SCHOOL	53 MPH	0430 AM	16	1 NW DOCTOR PHILLIPS	41 MPH	0640 AM
8	ORLANDO	53 MPH	1046 AM	17	PINE HILLS	41 MPH	0634 AM
9	LAKE NONA	49 MPH	0145 AM	18	WINTER GARDEN	40 MPH	0718 AM

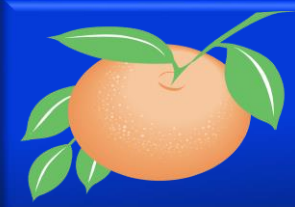




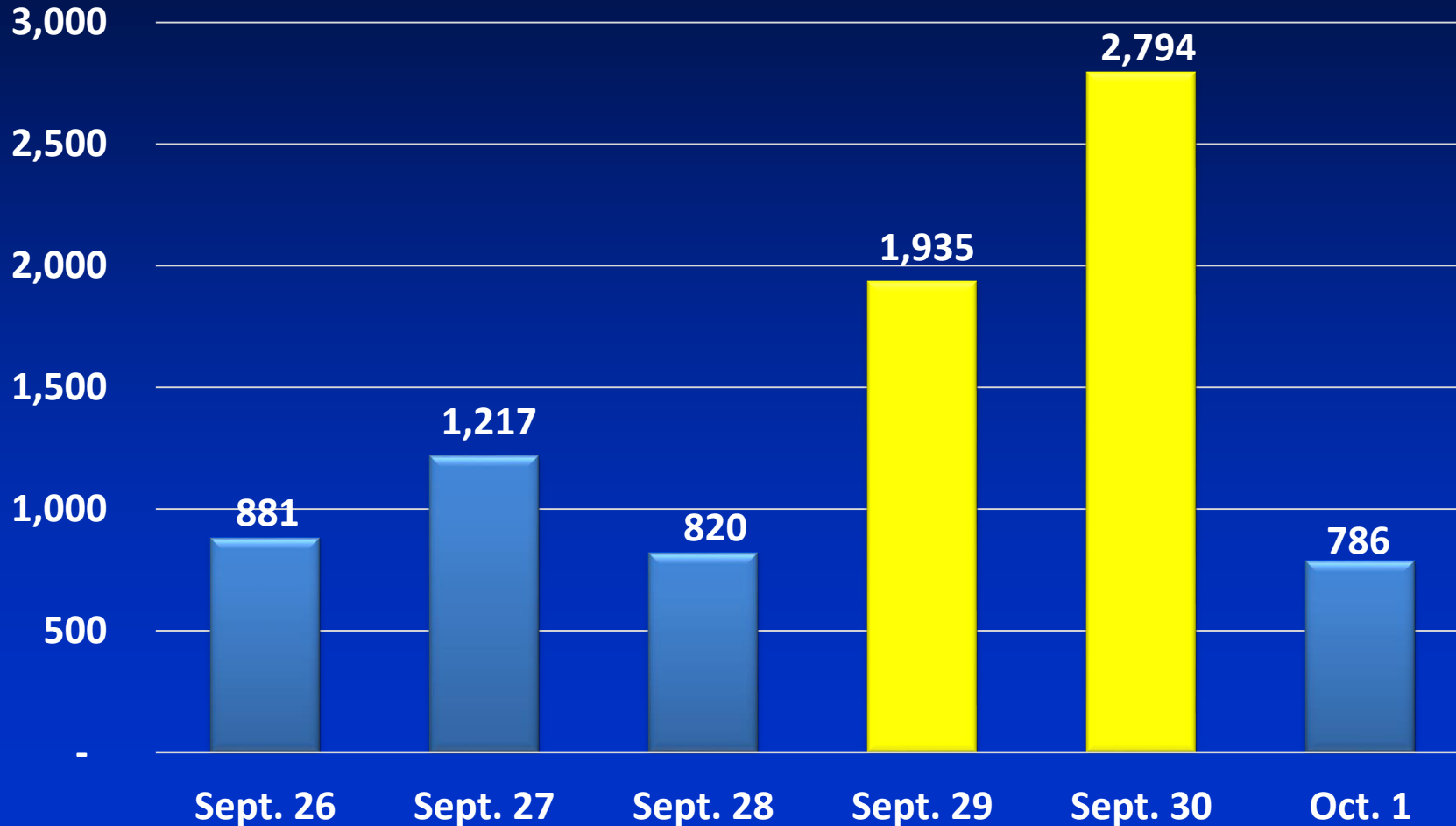
Hurricane Ian | Rainfall Totals

National Weather Service Rainfall totals from Hurricane Ian





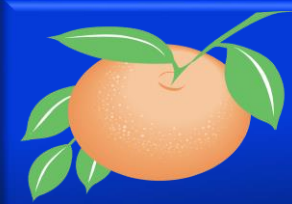
Hurricane Ian | 311 Call Volume



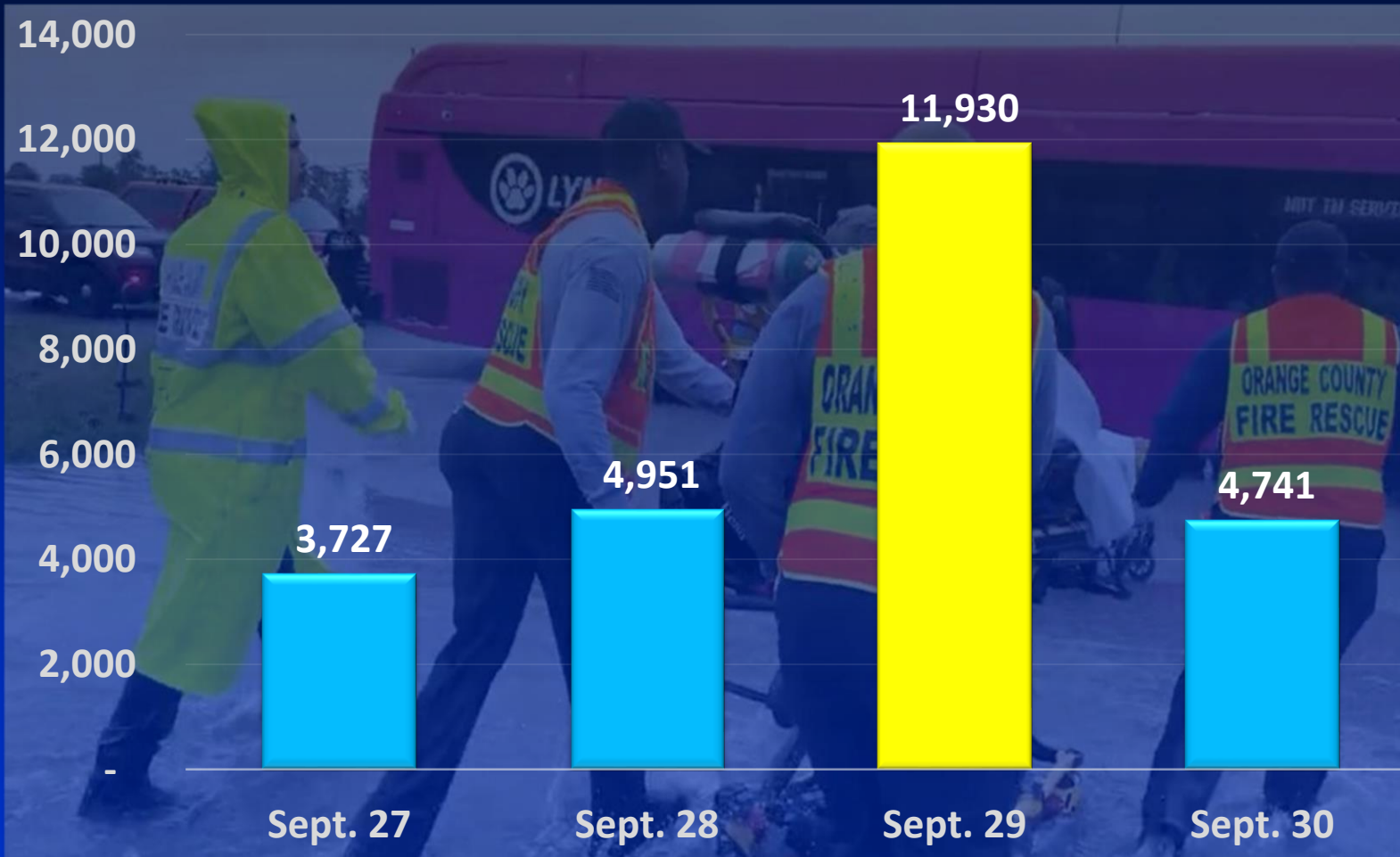
Frequent Calls

- Shelters
- Sandbags
- Garbage & Water
- Storm/Flooding
- Traffic/Trees/Debris
- Suspended Service

Total Calls: 8,433



Hurricane Ian | 911 Call Volume Countywide



Public Safety Answering Points

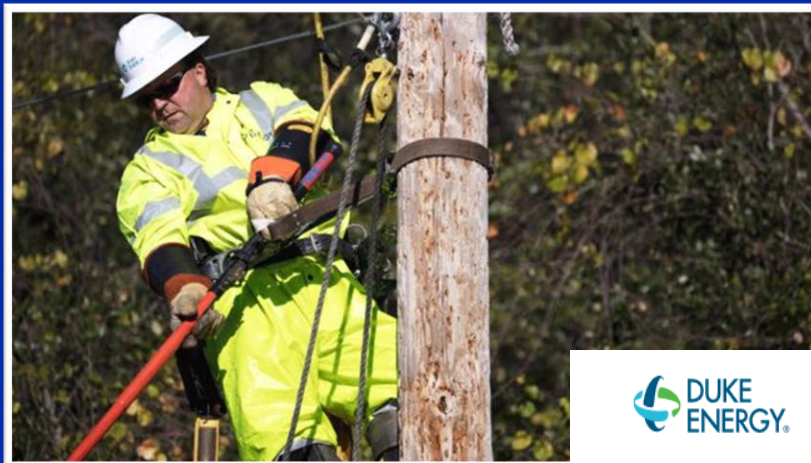
- Apopka Police Department
- Greater Orlando Airport Authority
- Orange County Fire Rescue Dept.
- Orange County Sheriff's Office
- Orlando Police Department
- Reedy Creek Fire Department
- University of Central Florida Police Department
- Winter Garden Police Department
- Winter Park Police Department

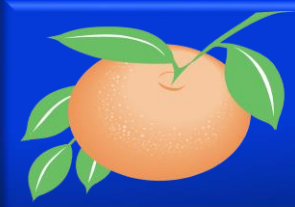
Sept. 27-30 | Total 911 Calls: 25,349



Hurricane Ian | Power Outages & Restoration

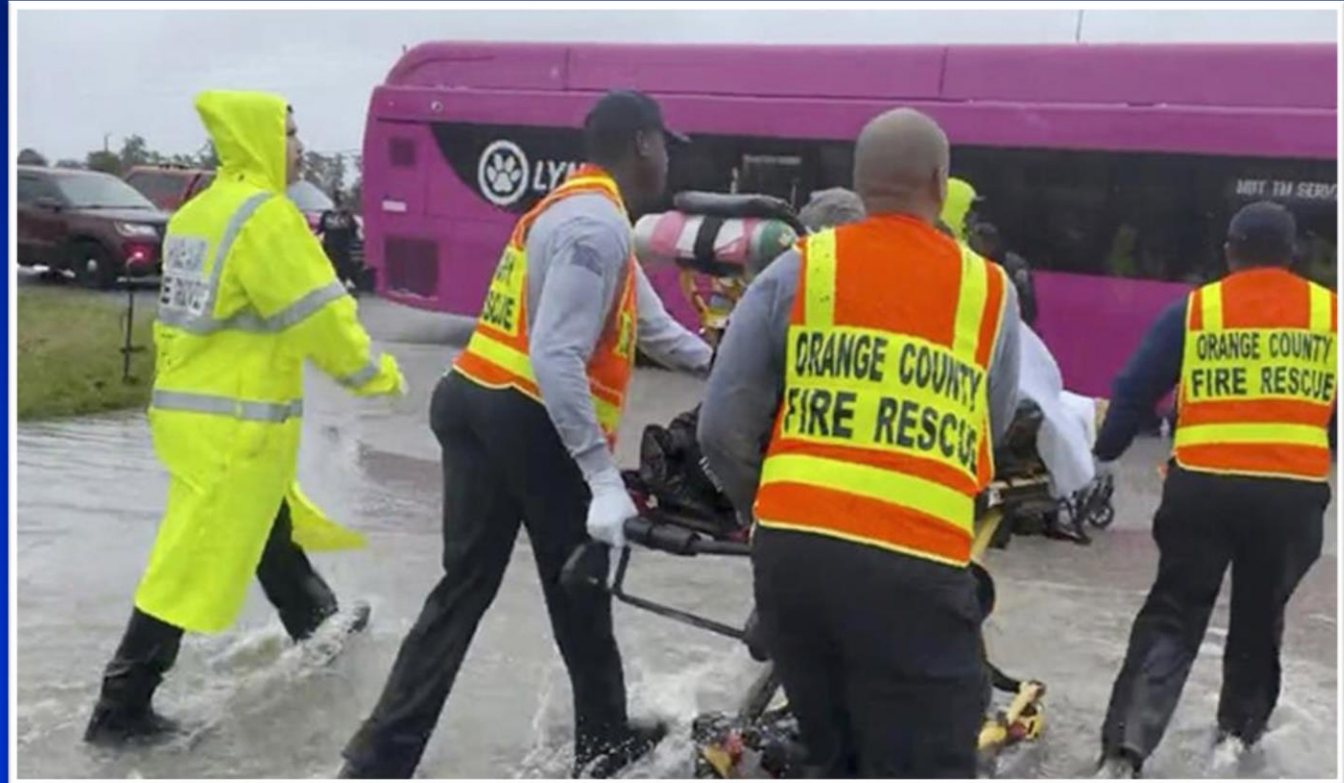
	OUC	Duke Energy
Total Customers	218,942	414,559
Customers without Service:		
After Ian – Power Outage	82,560	239,030
Power Restored	100% Restored (10/3/2022)	100% Restored (10/4/2022)

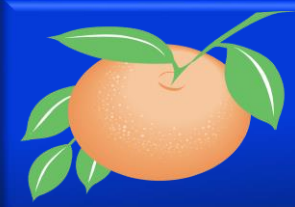




Hurricane Ian | Orange County Fire Rescue

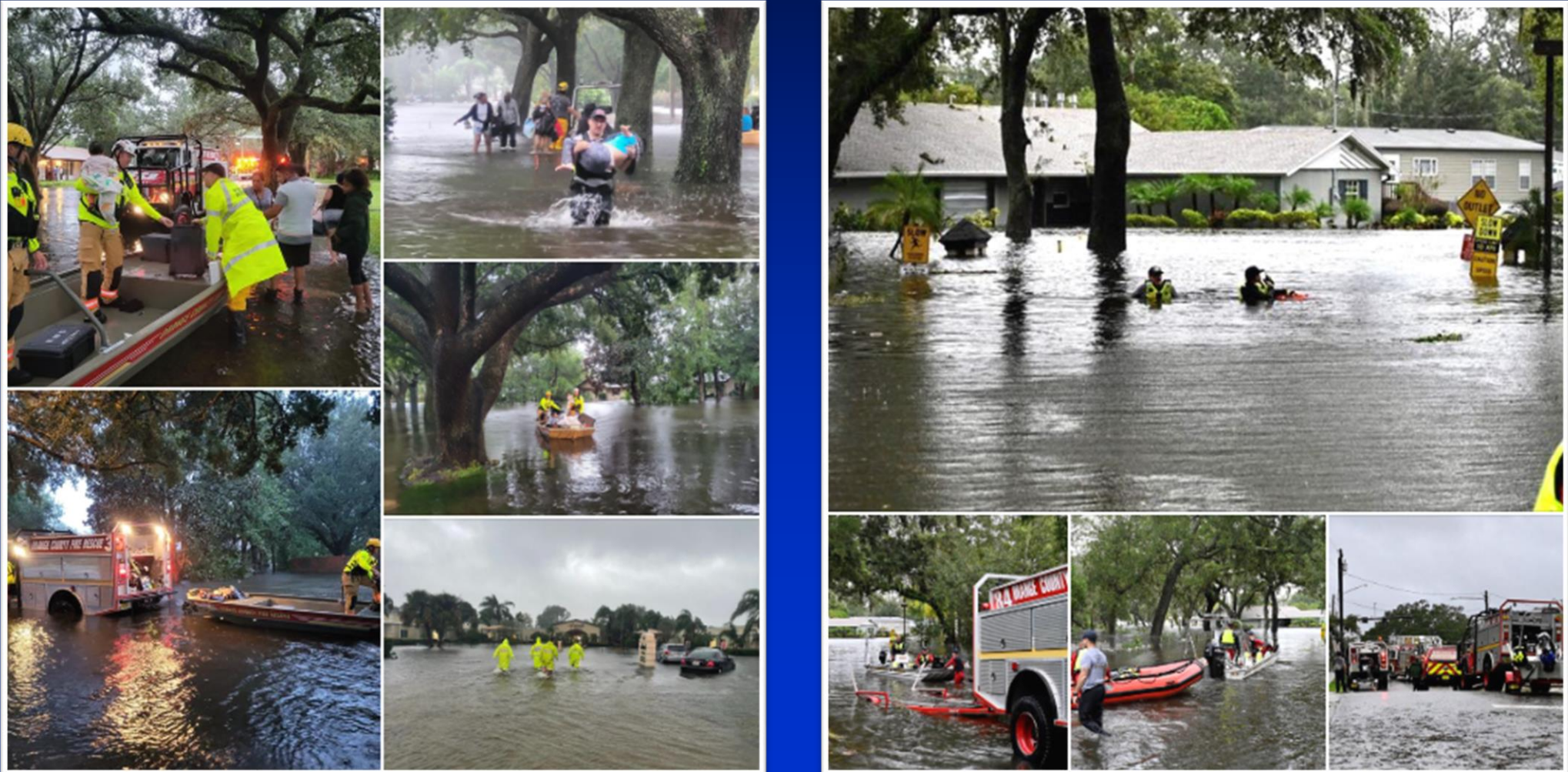
Fire Rescue Crews : Avante Assisted Living Facility Evacuations

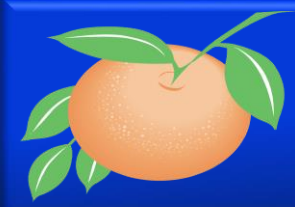




Hurricane Ian | Orange County Fire Rescue

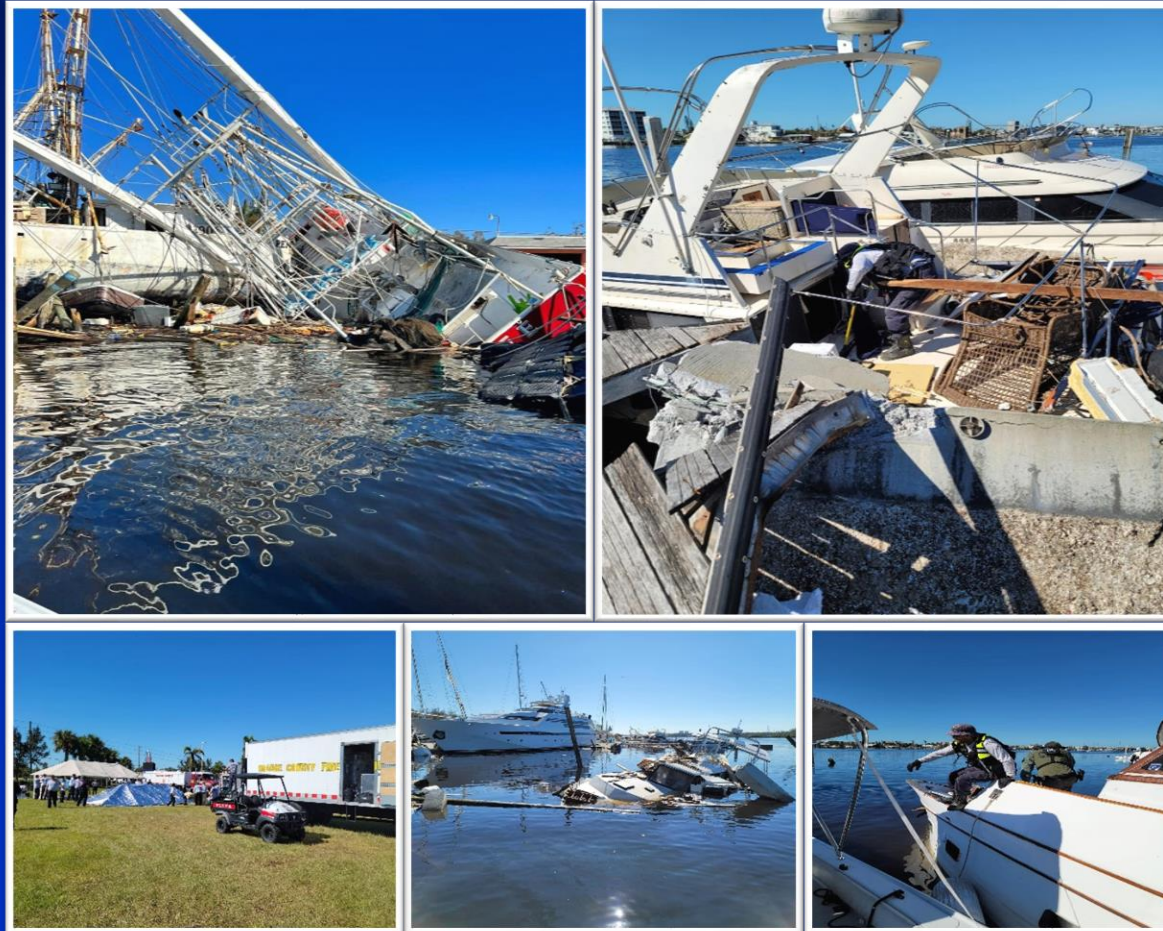
Fire Rescue Crews performed over 1,700 rescues





Hurricane Ian | Orange County Fire Rescue

Task Force 4 Deployed to Punta Gorda – Search and Rescue





Presentation Outline

- Emergency Preparedness and Response
- **EOC Activation and Disaster Response**
- Public Works Department Damage and Recovery
- Utilities Department Damage and Recovery
- Community and Family Services Department Relief Efforts
- Communications Update

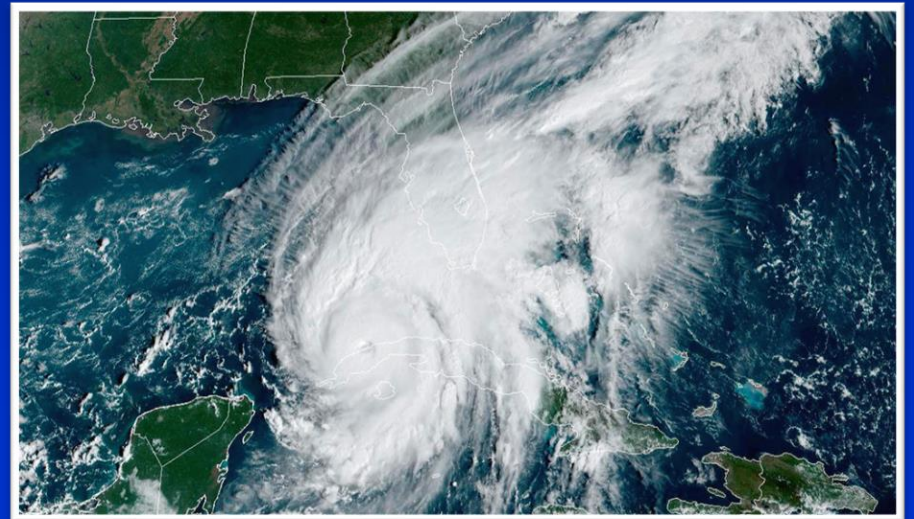
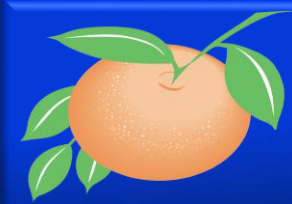
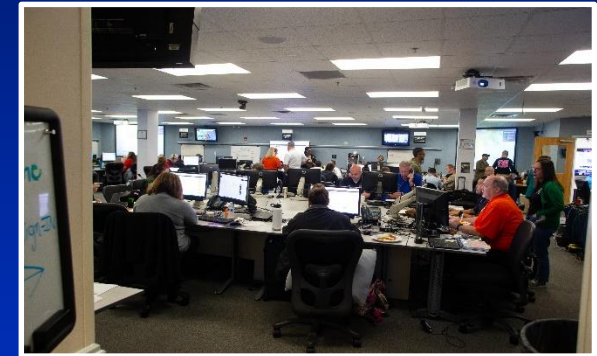
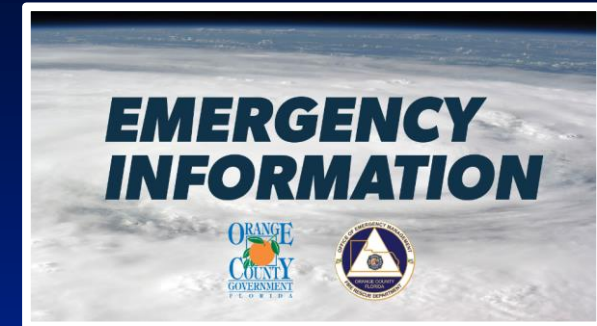


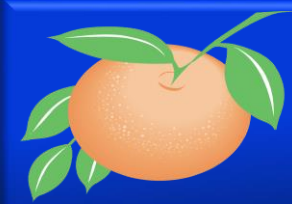
Photo Credit: NASA / AFP



Hurricane Ian | Emergency Management

- **EOC Operations**
 - Level I Activation on September 26th
 - Level II on October 7th
- **EOC Structure – 20 Emergency Support Functions**
- **Monitoring Weather, and Coordinating Response & Recovery**
- **Ongoing Coordination:**
 - Region 5
 - FDEM
 - National Weather Service
 - National Hurricane Center
 - FEMA
 - Partners



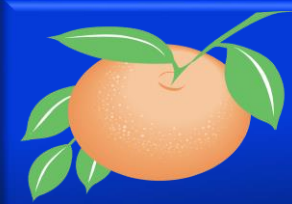


Hurricane Ian | Emergency Management

- **FEMA Disaster Recovery Center (DRC) at Barnett Park**
 - Provides disaster survivors or businesses help applying for federal assistance
 - **FEMA Individual Assistance for qualified residents**
 - Up to \$37,900 for Home Repairs
 - Up to \$37,900 for Other Lost Property
 - Temporary Lodging
 - **FEMA Business Assistance**
 - Small Business Administration
 - **Other Services/Agencies**
 - Crisis Counseling
 - State Agencies

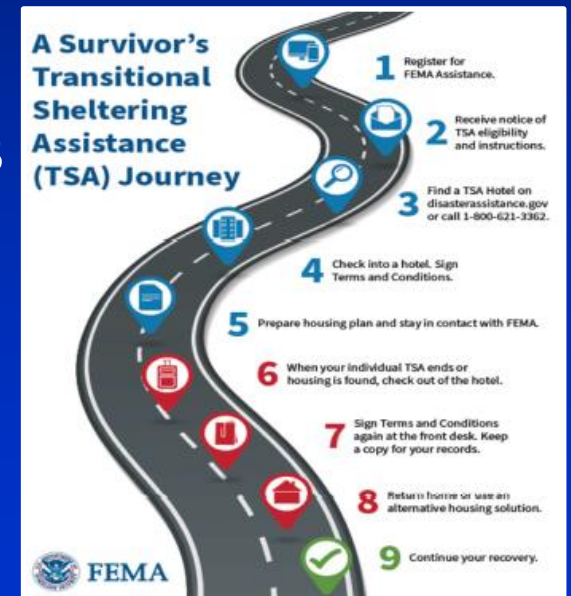


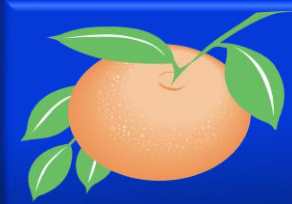
FEMA Assistance: www.fema.gov/disaster/hurricane-ian



Hurricane Ian | Emergency Management

- **FEMA Teams Canvassing Impacted Areas**
 - Filing Claims
 - 39,354 registered | \$2.2M awarded
- **Orange County Transitional Shelter Assistance (TSA)**
 - Temporary, short-term accommodations for eligible survivors when other housing options are not available
 - TSA program activated by Florida and FEMA
 - Orange County is one of 19 Florida counties eligible

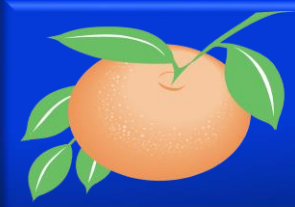




Hurricane Ian | Emergency Management

- **Disaster Supplemental Nutrition Assistance Program (D-SNAP)**
 - FL Department of Children and Families approved to start implementing D-SNAP
 - Provides food assistance for individuals and families impacted by Hurricane Ian (not receiving food assistance through regular SNAP)
 - Implemented in phases by DCF – Online Pre-Registration begins Monday, October 17th
 - More details - ocfl.net/ian and Orange County Social Media



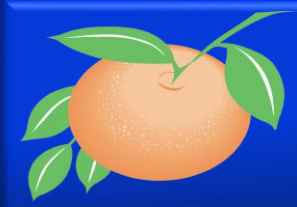


Hurricane Ian | Emergency Management

Orange County HELP NOW Mobile Resource Center

- Emergency Management in partnership with the Office of Sustainability and Resiliency - awarded Duke Energy Foundation's State Strategic Impact Grant
- New Mobile Unit provides tools and resources to residents from extreme weather emergencies to community assistance
- HELP NOW Mobile Resource Center - District 6 on Saturday
 - Phone-Charging Stations
 - Distribute Tarps
 - Home Base for County Staff





Presentation Outline

- Emergency Preparedness and Response
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- **Public Works Department Damage and Recovery**
- Utilities Department Damage and Recovery
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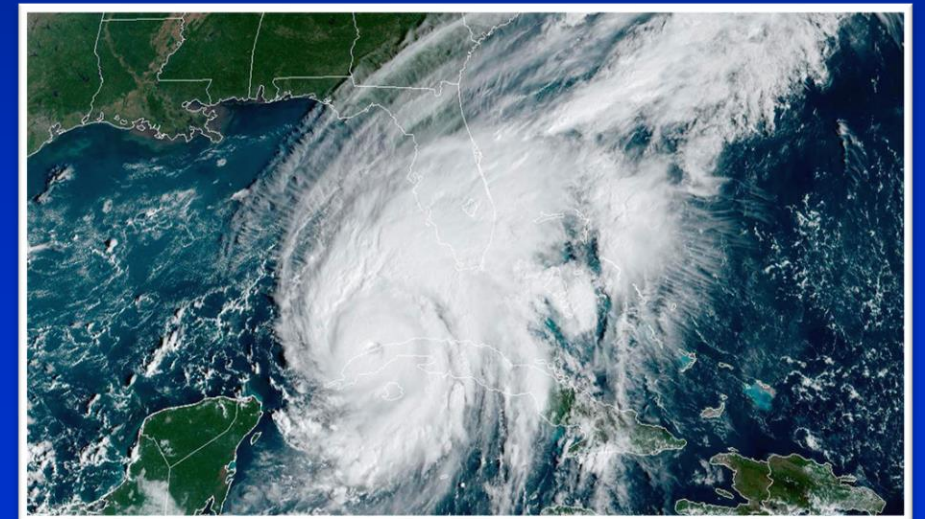
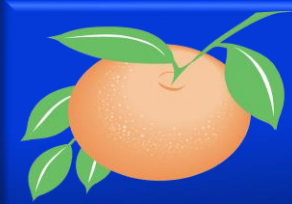


Photo Credit: NASA / AFP



Hurricane Ian | Public Works Department

Pre-Storm Efforts

- Lowering stormwater and pond levels
 - Pumping at Westside Manor Basin (Orlo Vista) and Bonnie Brook Subdivision
 - Mobile pumps placed in low lying areas of the county
- Inspect canals, ponds, drainwells, control structures and hot spots
- Messages to builders on preparing construction sites
- Teams staged for assessment and response to critical areas
- Debris and Monitoring contracts in place



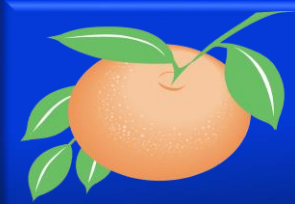


Hurricane Ian | Public Works Department

Post-Storm Recovery

- **Traffic Signal Malfunctions: 267 | Restored power to all signals**
- **Road Closures due to flooding**
 - Reams Road
 - Rouse Road (north and south of Buck Road)
 - Lake Ellenor Drive
 - Lake Underhill at Econlockhatchee Trail
 - Buck Road – (west of Rouse Road)
 - Goldenrod Road and Curry Ford Road
 - Bonnie Brook – Oakridge Road/John Young Parkway





Hurricane Ian | Public Works Department

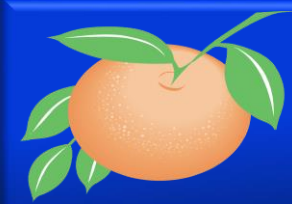
Post-Storm Recovery

▪ Significant Flooding

- Westside Manor at Orlo Vista
- Bonnie Brook
- Hampton Court Apartments
- Oak Crest Trailer Park
- Rio Pinar Lakes / Rio Pinar Estates
- Semoran Club Townhomes
- Cypress Landing Apts.
- Ventura Golf Club (City)
- Monterey Subdivision (City)
- Avanti Senior Living
- University Acres

▪ Coordinating with SFWMD on flood water discharge





Hurricane Ian | Public Works Department

Post-Storm Recovery

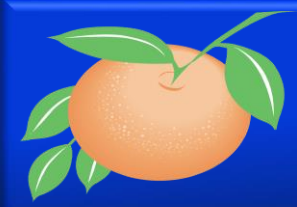
- Debris and Monitoring contracts executed
- Two double trucks for debris collection in each Commission District
- Focus on large storm debris (large branches, tree limbs, logs and plants)
- Collect Construction & Demolition (C&D) Debris (steel, wood, drywall, plaster brick, clay, asphalt shingles)

For more information: ocfl.net/storm

ORANGE COUNTY
Disaster Debris Removal

Our debris removal contractors are scheduled to deploy beginning on **October 6, 2022** to collect large storm debris.

DEBRIS REMOVAL CONTRACTORS ARE MOBILIZING ON THURSDAY, OCTOBER 6



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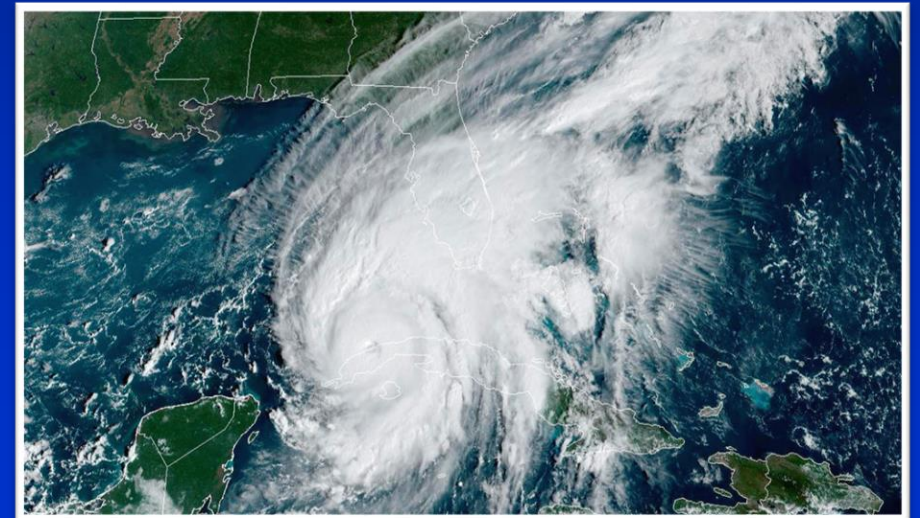
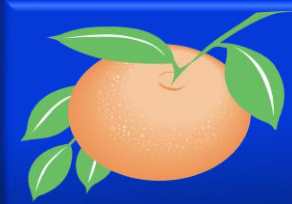


Photo Credit: NASA / AFP

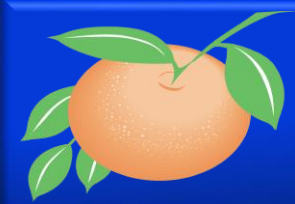


Hurricane Ian | Utilities Department

Pre-Storm Activities

- **Facilities/Curbside Collection**
 - County Landfill and Transfer Stations open for residents until noon on Wednesday, September 28
 - Suspended garbage, recycling and yard waste service Wednesday, September 28 at noon through Friday, September 30
- **Assessment teams staged for critical areas**
- **Generators fueled and positioned for deployment throughout pump stations, treatment plants, and other critical facilities**





Hurricane Ian | Utilities Department

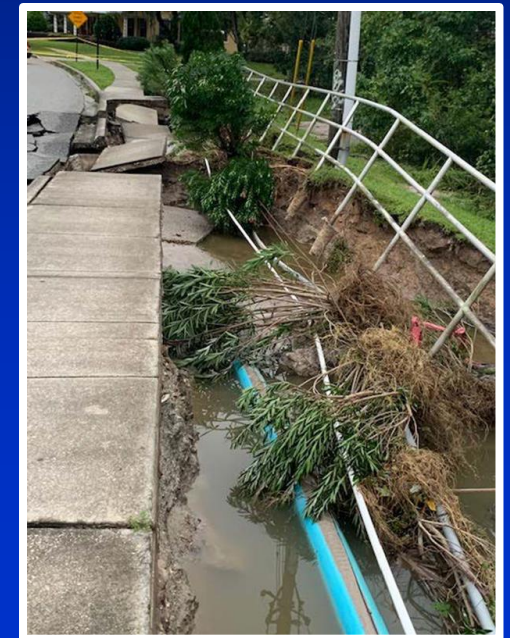
Post-Storm Disaster Response

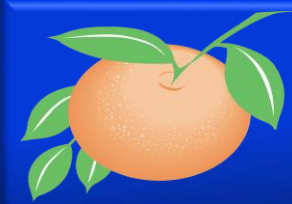
▪ Pump Stations

- 833 pump stations serviced by Orange County
- 238 pump stations without power after the storm
- 101 generators deployed to county pump stations with rotation and fuel routes
- Response in between storm wind/rain bands

▪ Pump Stations Status

- As of October 5, 2022 – power restored to all pump stations





Hurricane Ian | Utilities Department

Post-Storm Disaster Response

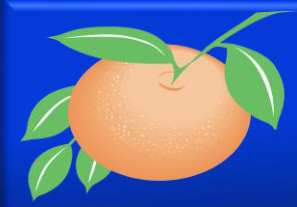
■ Water Service Status

- No disruptions or boil water notices

■ Facilities/Curbside Collection

- Landfill and transfer stations restoration work on Friday, September 30
- Facilities fully operational Saturday, October 1
- Facilities open for residents only Sunday, October 2
- Fees waived for over 3,000 residential customers delivering storm-related debris
- 38K tons of waste deposited at the landfill and transfer stations from Saturday, October 1 to Thursday, October 6
- Resumed curbside service on Monday, October 3





Presentation Outline

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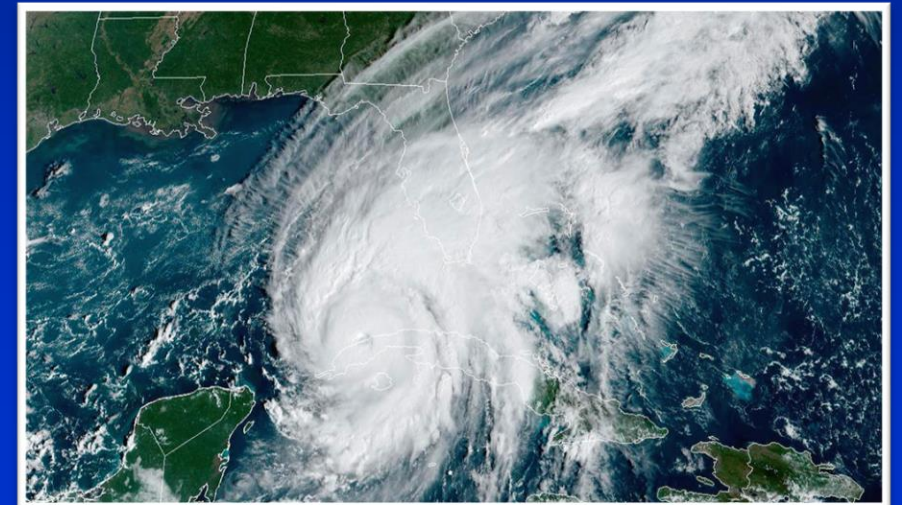
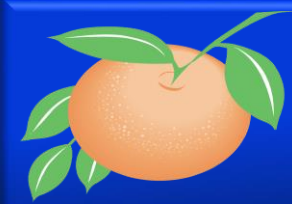


Photo Credit: NASA / AFP

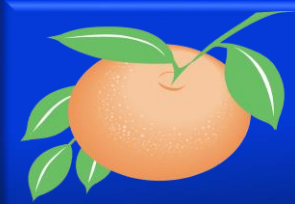


Hurricane Ian | Community & Family Services

Community Outreach in County's Hardest Hit Areas

- Working with community partners on food and water distribution and service assistance
 - 2,770 Meals
 - 1,061 Cases of Water
- Coordination of LYNX Bus Passes, Grocery Cards, and Social Services



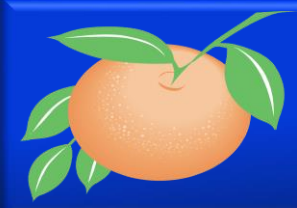


Hurricane Ian | Community & Family Services

Parks & Recreation Update

- South Econ Recreation Center continues to serve as shelter
- Moss Park & Little Econ Park closed
- All Boat Ramps remain closed
- No Wake Ordinance in effect





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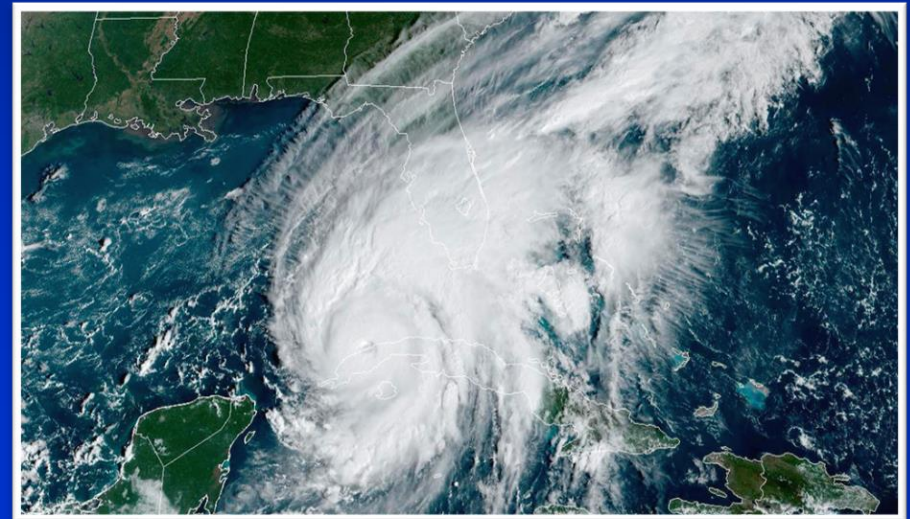
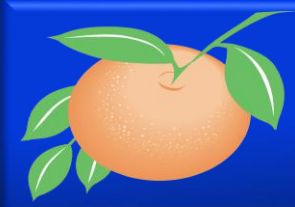
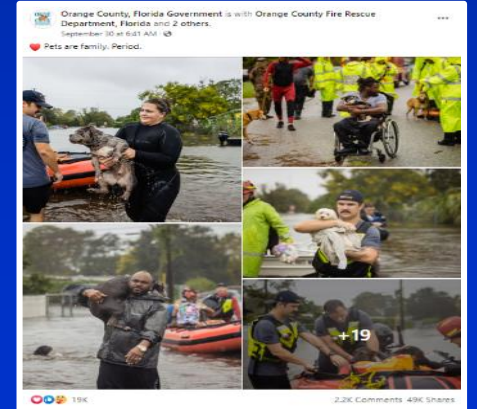


Photo Credit: NASA / AFP



Hurricane Ian | Communications

- Press Briefings: 11
- Key Takeaways in English and Spanish
- FEMA Administrator visits EOC, Convention Center & Fire Station #54
- Web and Newsroom
 - OCFL.NET/STORM & OCFL.NET/IAN – 187,000 Views
 - Impressions from Google searches for County Newsroom: 1.8 Million
- Social Media (Facebook, Instagram, Twitter & Nextdoor)
 - Impressions: Over 12 Million
 - Engagements: 2.4 Million



Orange County BCC

**Hurricane Ian
Storm and Recovery Update**

**Board of County Commission Meeting
October 11, 2022**