

From: Tom Cisco
To: Augmentation Team; City Managers; City Mayors; Council Liaison Team; ...
Date: 9/11/2017 7:29 AM
Subject: Fwd: NWS Melbourne: Hurricane Irma Briefing (from Advisory 49)
Attachments: NWS Melbourne: Hurricane Irma Briefing (from Advisory 49)

Good Morning EM Partners,

Attached is the latest NWS Briefing. Conditions are slowly improving and we will be assessing damages throughout the county. As of now FPL has approximately 120 thousand customer outages and Duke has 60,000.

We will send out information as we get it.

Thank You,

Tom S. Cisco, FPEM
Operations Coordinator
Volusia County Emergency Management
Office: 386-254-1500 x 11658
Cell: 386-341-5602
Fax: 386-248-1742

Larry LaHue - NWS Melbourne: Hurricane Irma Briefing (from Advisory 49)

From: David Sharp - NOAA Federal <david.sharp@noaa.gov>
Date: 9/11/2017 6:08 AM
Subject: NWS Melbourne: Hurricane Irma Briefing (from Advisory 49)
Attachments: Irma_DSS_Briefing_MLB_Sept11_0545.pdf

EM Partners,

Ref: Hurricane Irma Briefing

Attached you will find the latest information on Hurricane Irma as it pertains to East Central Florida.
Don't forget the webinar briefing later this morning.

Should you have any question, please call NWS Melbourne forecasters ([321-254-6083](tel:321-254-6083)).

Thanks!

Dave
WFO/MLB



Hurricane Irma BRIEFING

5:45 AM EDT
Monday, September 11, 2017

Prepared by: David Sharp
Science & Operations Officer
National Weather Service, Melbourne, FL



NWSMelbourne

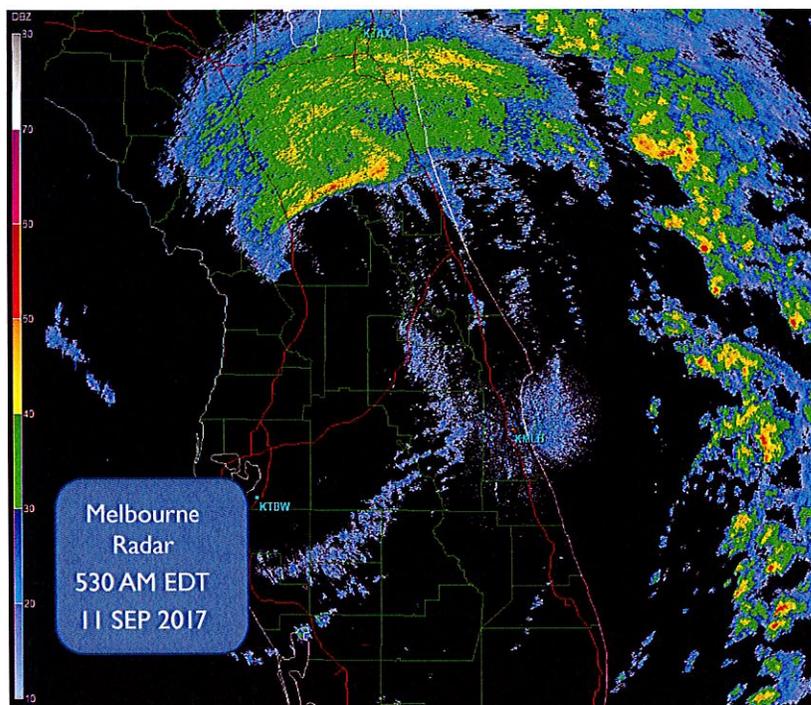
www.weather.gov/Melbourne

Situation Overview

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE



- Hurricane Irma continues to become more disorganized and is losing characteristics of a typical tropical system; significant rainfall lifting away
- Irma's wind field remains expansive; tropical storm force winds along with near hurricane force gusts continue in proximity of the center and along the coastal reaches
- Some wind observations at 5 AM include:
 - Orlando – 47 MPH gusting 64 MPH (S)
 - Leesburg – 38 MPH gusting 59 MPH (SE)
 - Daytona – 24 MPH gusting 47 MPH (SE)
 - Fort Pierce – 29 MPH gusting 52 MPH (S)

~35 miles ESE of Cedar Key

9/11/2017 6:06 AM

For East Central Florida & Adjacent Coastal Waters

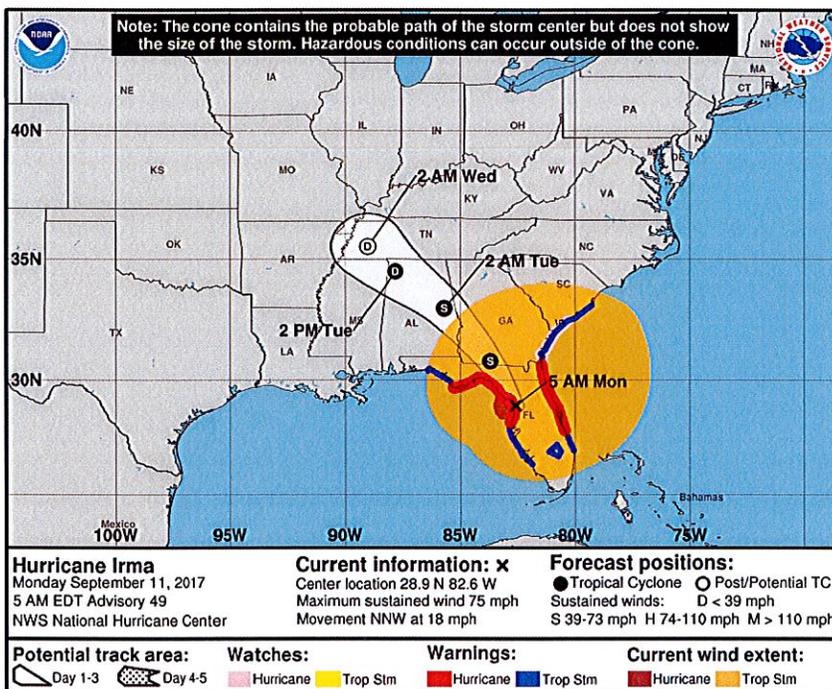
www.weather.gov/melbourne

Situation Overview

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE



- Hurricane Irma is forecast to further decrease in intensity as it moves NNW away from east central Florida during the day
- For locations south of Sebastian Inlet, tropical storm warnings have replaced the previous hurricane warnings
 - This includes Okeechobee County and Lake Okeechobee
- The remainder of east central Florida continues under a hurricane warning until wind conditions abate

NOTE: Do not focus on the exact track. **Impacts** can occur well outside the area enclosed by the cone.

9/11/2017 6:06 AM

For East Central Florida & Adjacent Coastal Waters

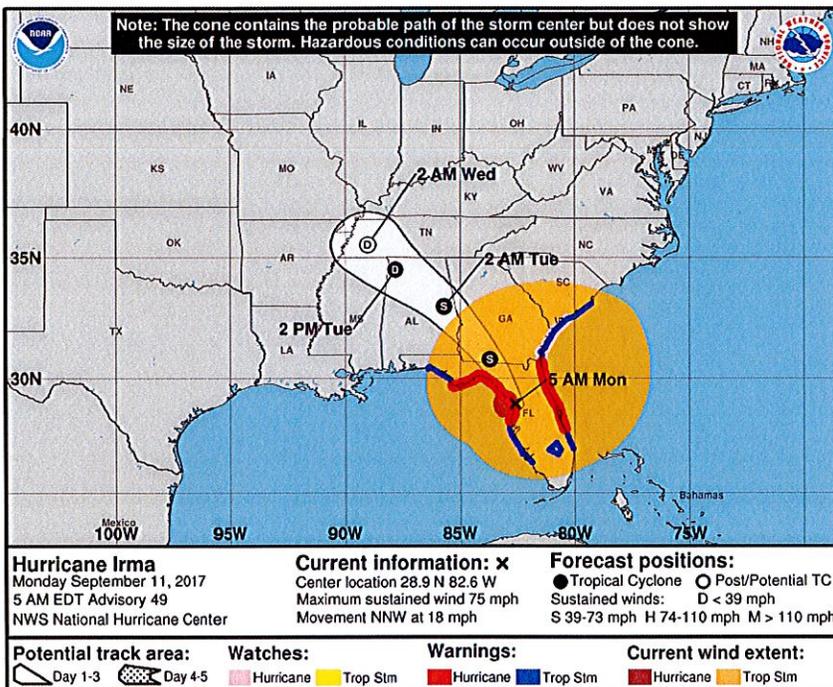
www.weather.gov/melbourne

Situation Overview

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE



- It will take some time for winds to more uniformly subside today
- Warnings will be reduced and then lifted as Irma pulls away
- Tropical Storm Wind Departure:
 - **Late Morning** for Martin, Saint Lucie, Indian River, Okeechobee
 - **Early Afternoon** for Brevard and Osceola
 - **Mid Afternoon** for Lake, Orange, Seminole, and Volusia

NOTE: Do not focus on the exact track. **Impacts** can occur well outside the area enclosed by the cone.

9/11/2017 6:06 AM

For East Central Florida & Adjacent Coastal Waters

www.weather.gov/melbourne

Wind/Rain Reports

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE

County	Wind	Location	Rain	Location
Brevard	94 MPH (940 PM)	Near Cocoa Beach	10.23 inches	Near Melbourne
Indian River	63 MPH (1019 PM)	Near Vero Beach	8.49 inches	Near Vero Beach
Lake	64 MPH (207 AM)	Near Leesburg	10.44 inches	Near Mascott
Martin	71 MPH (0709 PM)	Near Hobe Sound	3.80 inches	Near Jensen Beach
Okeechobee	73 MPH (0945 PM)	Near Cornwell	4.88 inches	Near Okeechobee
Orange	84 MPH (1248 AM)	Near Azelia Park	10.40 inches	Near Bithlo
Osceola	77 MPH (0245 AM)	Near W Lake Toho	9.58 inches	Near Holopaw
Seminole	72 MPH (0201 AM)	Near Sanford	13.49 inches	Near Oviedo
Saint Lucie	100 MPH (0704 PM)	Near Power Plant	13.08 inches	Near Fort Pierce
Volusia	82 MPH (1124 PM)	Near Ponce Inlet	9.45 inches	Near Glenwood

Some Preliminary Higher Wind / Rain Gage Reports (unofficial)

9/11/2017 6:06 AM

For East Central Florida & Adjacent Coastal Waters

www.weather.gov/melbourne

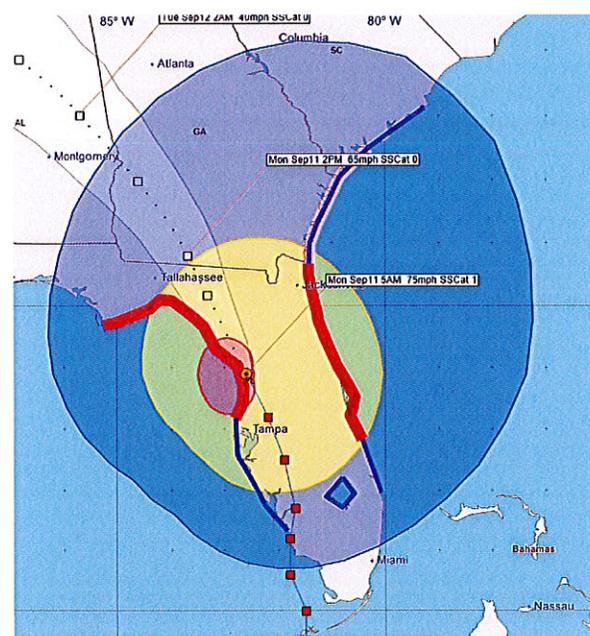
Forecast Wind Speeds

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE

County	Wind Speed & Gusts
Okeechobee	35-45 mph gusts to 60 mph
Martin	30-40 mph gusts to 50 mph
Saint Lucie	35-45 mph gusts to 55 mph
Indian River	35-45 mph gusts to 60 mph
Brevard	45-60 mph gusts to 75 mph
Osceola	45-55 mph gusts to 75 mph
Lake	45-60 mph gusts to 75 mph
Orange	45-60 mph gusts to 75 mph
Seminole	45-60 mph gusts to 75 mph
Volusia	45-55 mph gusts to 75 mph



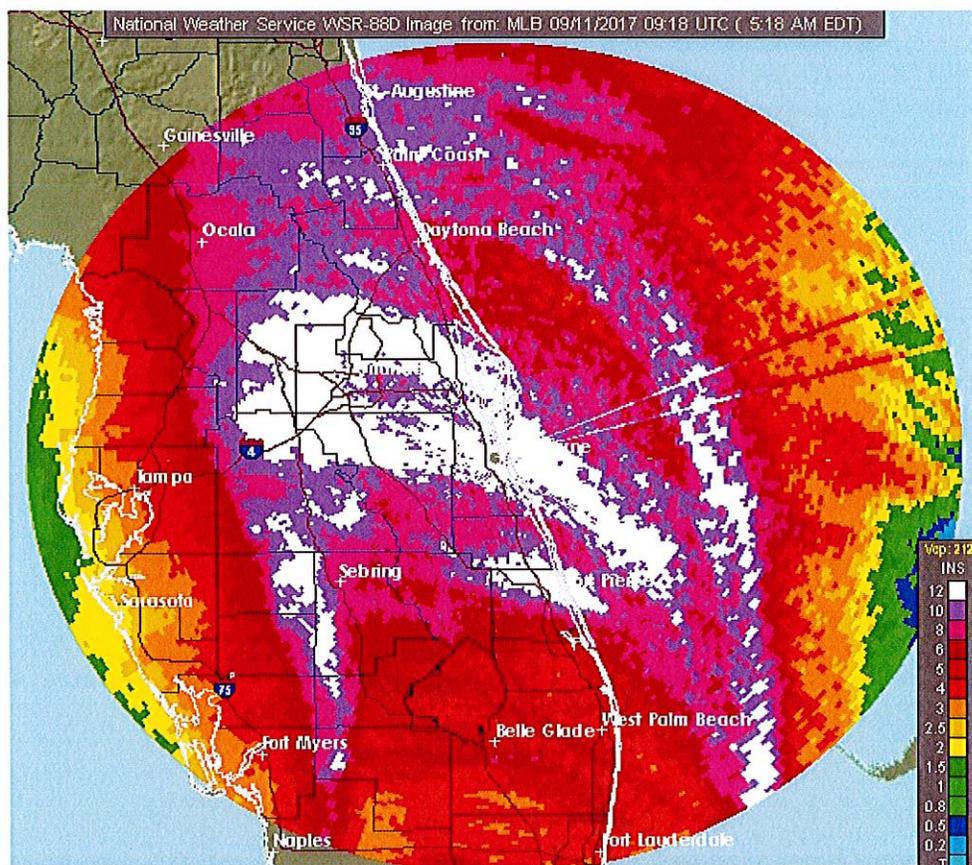
Hurricane Irma - Monday, September 11, 2017 5 AM EDT Advisory #49
 Center Location: 28.9 N 82.6 W Maximum Sustained Winds: 75 mph (Cat 1) Movement: 18 mph NNW
 forecast positions Potential Track Area: day 1-3 day 4-5 Surface Wind Field: at current location
 Watches: hurricane tropical storm Warnings: hurricane tropical storm
 Sustained Wind Speeds: tropical storm >= 34kts/39mph strong tropical storm >= 50kts/58mph hurricane >= 64kts/74mph

Rainfall Distribution

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE



- Radar estimated rainfall shows generous amounts of 8-12 inches with higher amounts that resulted in areas of flooding
- Values are highly likely to be underestimated
- There is a chance for additional rainfall from scattered showers and storms today; however the chance for excessive rainfall is lifting away

9/11/2017 6:06 AM

For East Central Florida & Adjacent Coastal Waters

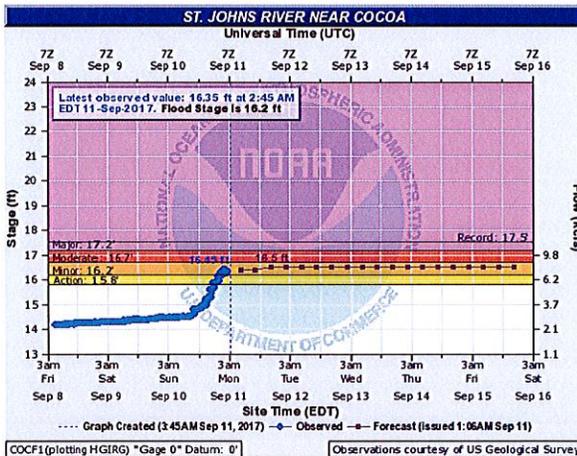
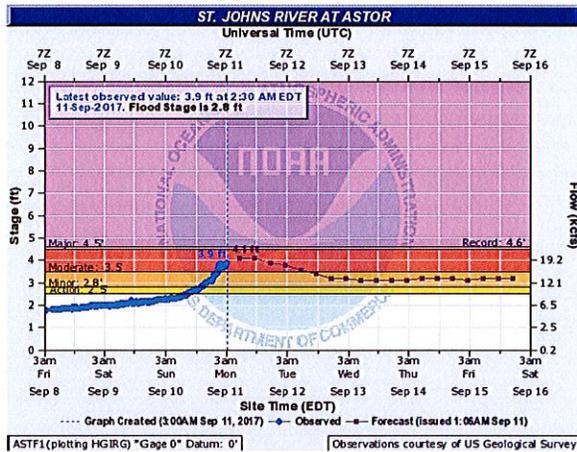
www.weather.gov/melbourne

Saint Johns River Outlook

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE



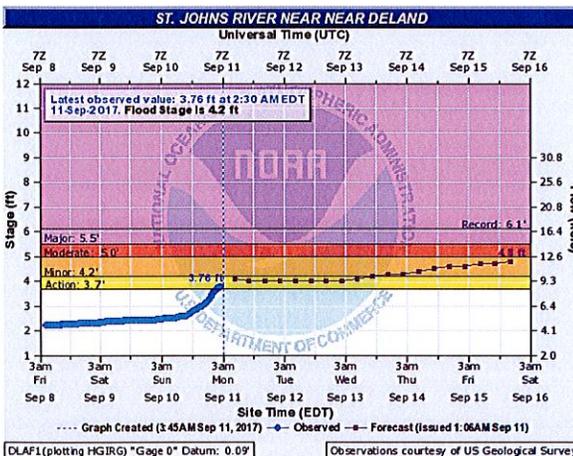
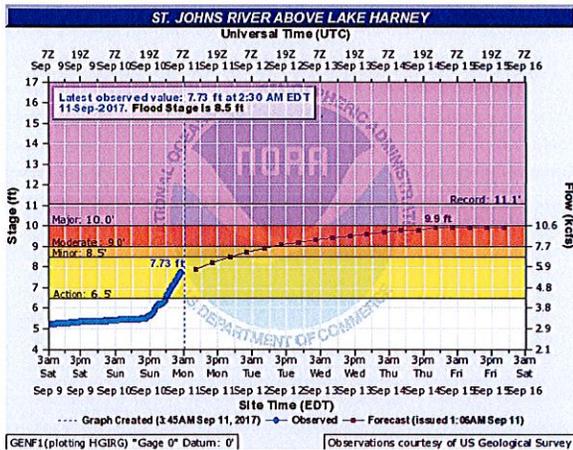
- Flood Stage is forecast or has been reached on the St Johns River:
 - **Astor (has reached moderate flood)**
 - **Cocoa (has reached minor flood)**
- River levels are forecast to fall to or remain steady at minor flood stage through the rest of the week.

Saint Johns River Outlook

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE



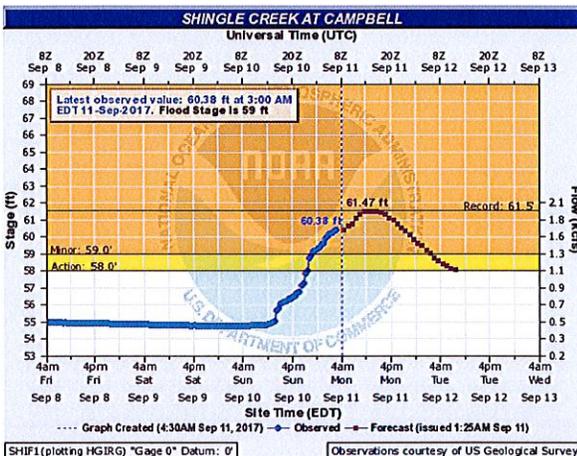
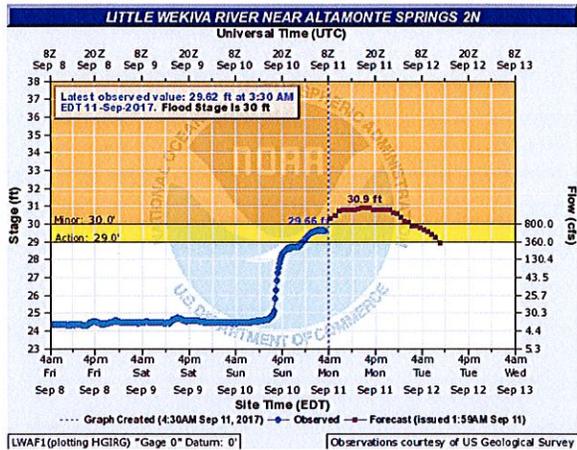
- Flood Stage forecast on the St Johns River mid week at:
- **Geneva, Above Lake Harney (Forecast to Reach Moderate Flood Stage)**
- **Deland (In Action Stage, Forecast to Reach Minor Flood Stage)**
- Rises are likely to continue into the mid-late part of next week, and flooding may become more significant.

Little Wekiva and Shingle Creek

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE



- Flood Stage reached at Little Wekiva River and Shingle Creek:
- **Little Wekiva River (At Action Stage, May Rise to Minor Flood Stage)**
- **Shingle Creek (In Minor Flood Stage)**
- Heavy rain bands from Irma led to quick rises at both basins today. Additional heavy rainfall that fell early this morning near the circulation center of Irma, may lead to rises near the record flood stage level at Shingle Creek today.

Summary

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE

- Hurricane Irma is becoming more disorganized while lifting away. Irma's wind field is expansive and it will take some time for the tropical winds and gusts to subside today. The threat for hazardous winds will continue into the late morning for the Treasure Coast and near Lake Okeechobee, and early-mid afternoon elsewhere.
- Flooding rain from Hurricane Irma has caused significant problems in several places with widespread event totals of 8-12 inches and locally higher amounts of 15-18 inches. This has also prompted flood concerns on the Saint Johns River, along with the Little Wekiva and Shingle Creek.
- The threat for tornadoes is significantly reduced across east central Florida.
- An elevated water rise of around 3 feet is expected along the immediate shoreline until winds fully lose their onshore component and as coastal locations transition beyond the next high tide cycle (around Noon to 1 PM).

Additional Information

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE

= R E M I N D E R =

Information contained within these briefings are for government emergency management planning and decision-making, and should NOT be shared beyond your agency, released to the public, or posted on social media. Shareable social media graphics are available via

<http://www.facebook.com/NWSMelbourne>

<http://www.twitter.com/NWSMelbourne>

Additional Information

Hurricane Irma



Melbourne
WEATHER FORECAST OFFICE

= N O T E =

NWS Melbourne temporary phone numbers

Inbox x

Scott Spratt - NOAA Federal

to _NWS

EM Partners,

NWS Melbourne has temporarily lost access to our phone lines.

However, we can be reached at any of the phone numbers below until our normal phone lines return to service.

[321-752-0310](tel:321-752-0310)

[321-255-2503](tel:321-255-2503)

[321-259-7589](tel:321-259-7589)

[321-255-6785](tel:321-255-6785)

Scott

--

Scott M. Spratt
Warning Coordination Meteorologist

National Weather Service Forecast Office
421 Croton Road Melbourne, FL 32935

[321-255-9212](tel:321-255-9212) x223 (office)
scott.spratt@noaa.gov

9/11/2017 6:06 AM

For East Central Florida & Adjacent Coastal Waters

www.weather.gov/melbourne



Hurricane Irma BRIEFING

Please contact WFO Melbourne via landline
or through the “mlbchat” NWSChatroom

The next webinar briefing will be at 1145 am today

You can get the latest graphics and information on this storm at www.hurricanes.gov



NWSMelbourne

www.weather.gov/Melbourne