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
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).

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
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
- 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.
• 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.
## Wind/Rain Reports

### Hurricane Irma

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

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

<table>
<thead>
<tr>
<th>County</th>
<th>Wind Speed &amp; Gusts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Okeechobee</td>
<td>35-45 mph gusts to 60 mph</td>
</tr>
<tr>
<td>Martin</td>
<td>30-40 mph gusts to 50 mph</td>
</tr>
<tr>
<td>Saint Lucie</td>
<td>35-45 mph gusts to 55 mph</td>
</tr>
<tr>
<td>Indian River</td>
<td>35-45 mph gusts to 60 mph</td>
</tr>
<tr>
<td>Brevard</td>
<td>45-60 mph gusts to 75 mph</td>
</tr>
<tr>
<td>Osceola</td>
<td>45-55 mph gusts to 75 mph</td>
</tr>
<tr>
<td>Lake</td>
<td>45-60 mph gusts to 75 mph</td>
</tr>
<tr>
<td>Orange</td>
<td>45-60 mph gusts to 75 mph</td>
</tr>
<tr>
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<td>Volusia</td>
<td>45-55 mph gusts to 75 mph</td>
</tr>
</tbody>
</table>

*For East Central Florida & Adjacent Coastal Waters*
Rainfall Distribution

Hurricane Irma

- 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

- **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.

For East Central Florida & Adjacent Coastal Waters

9/11/2017 6:06 AM

www.weather.gov/melbourne
Saint Johns River Outlook

- **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.

9/11/2017 6:06 AM
For East Central Florida & Adjacent Coastal Waters
www.weather.gov/melbourne
- **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.
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 treat 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).
= REMINDER =

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
**NOTE**

<table>
<thead>
<tr>
<th>NWS Melbourne temporary phone numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scott Spratt - NOAA Federal</td>
</tr>
<tr>
<td>to <em>NWS</em></td>
</tr>
<tr>
<td>EM Partners.</td>
</tr>
</tbody>
</table>

NWS Melbourne has temporarily lost access to our phone lines. However, you can be reached at any of the phone numbers below until our normal phone lines return to service.

- 321-752-0310
- 321-256-2503
- 321-256-7489
- 321-256-4765

Scott

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Scott M. Spratt
Warning Coordination Meteorologist
National Weather Service Forecast Office
421 Croton Road Melbourne, FL 32935

321-256-0202 X222 (office)
scott.spratt@noaa.gov
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