



Hurricane Irma 9.7.17 Analysis

Risk Services Division

7 September 2017

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Hurricane Irma September 7, 2017 (3pm EST)

- Currently 110 miles north of Dominican Republic
- Maximum sustained winds of 180 mph
- Hurricane Irma could bring a storm surge of 15 - 25 feet to the U.S. and Bahamas
- Major airlines are capping prices at \$99 for evacuees
- 1 million without power in Puerto Rico
- Landfall could occur in Georgia or South Carolina overnight Monday as a Category 2 or 3 hurricane.

Summary

On the forecast track, the eye of Irma should continue to move just north of the coast of Hispaniola today, be near the Turks and Caicos and southeastern Bahamas by this evening, and then be near the central Bahamas by Friday.

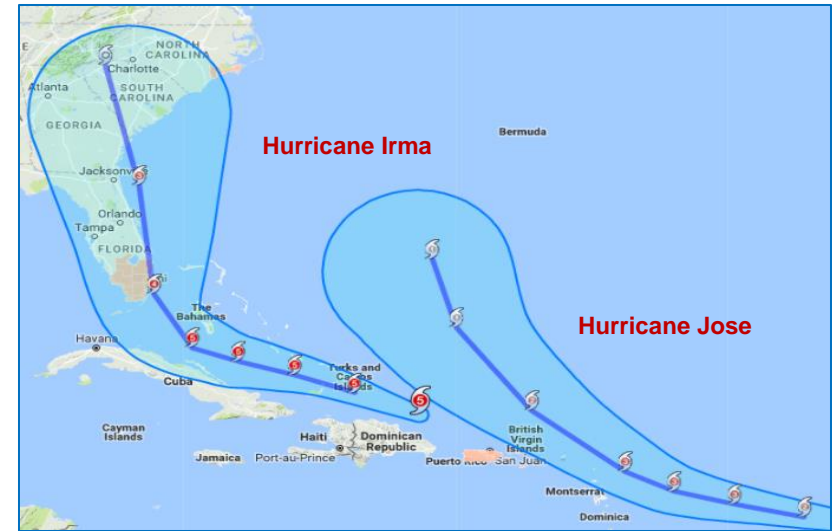
The threat of direct hurricane impacts in Florida over the weekend and early next week continues to increase.

Watches and Warnings:

Hurricane Warnings: Dominican Republic from Cabo Engano to the northern border with Haiti; Haiti from the northern border with the Dominican Republic to LeMole St. Nicholas; Southeastern Bahamas and the Turks and Caicos Islands; Central Bahamas; Northwestern Bahamas

Hurricane Watch: Jupiter Inlet southward around the Florida peninsula to Bonita Beach; Florida Keys; Lake Okeechobee; Florida Bay; Cuba from Matanzas province eastward to Guantanamo province

Tropical Storm Warning: Dominican Republic from south of Cabo Engano westward to the southern border with Haiti; Haiti from south of Le Mole St. Nicholas to Port-Au-Prince; Cuba provinces of Guantanamo, Holguin, Las Tunas, Camaguey, Ciego de Avila, Sancti Spiritus and Villa Clara.



Advice – Immediate Actions to Take When a Hurricane Threatens

When a hurricane threatens your community, be prepared to evacuate if you live in a storm surge risk area. Allow enough time to pack and inform friends and family if you need to leave your home.

- Secure your home: Cover all of your home's windows. Permanent storm shutters offer the best protection for windows. A second option is to board up windows with 5/8 inch exterior grade or marine plywood, built to fit, and ready to install. Buy supplies before the hurricane season rather than waiting for the pre-storm rush.
- Stayed tuned in: Check the websites of your local <http://www.weather.gov/office> and [local emergency management office](#).
- Find out what type of emergencies could occur and how you should respond. Listen to NOAA Weather Radio or other radio or TV stations for the latest storm news.
- Follow instructions issued by local officials. Leave immediately if ordered.

For more information, visit [HUB Hurricane Irma Resource Center](#).

Updates – Florida

Currently, Irma remains a Category 5 Hurricane and should be closely monitored. Additional orders are expected as the storm nears the state.

- School closures are available at www.fldoe.org/irma.
- Districts are preparing in the case that their facilities are needed for shelters.
- Colleges are making emergency preparations on their campuses and working with students who may need assistance with relocation.
- The Environmental Protection Agency (EPA) has approved an emergency fuel waiver request from the Florida Department of Environmental Protection, which will allow more fuel to quickly enter the state as Florida prepares for potential storm impacts.
- The state remains in contact with fuel industry partners and will continue to monitor fuel assistance requests. Florida is moving as much fuel through the system as fast as possible.
- The state is prepared to survey fuel supply along evacuation routes and is coordinating emergency fuel resupply accordingly.
- Comcast will be opening more than 137,000 free Xfinity WiFi hotspots throughout the state for individuals in need.
 - For a map of Xfinity hotspots, see [hotspots](#).

Predicted Path

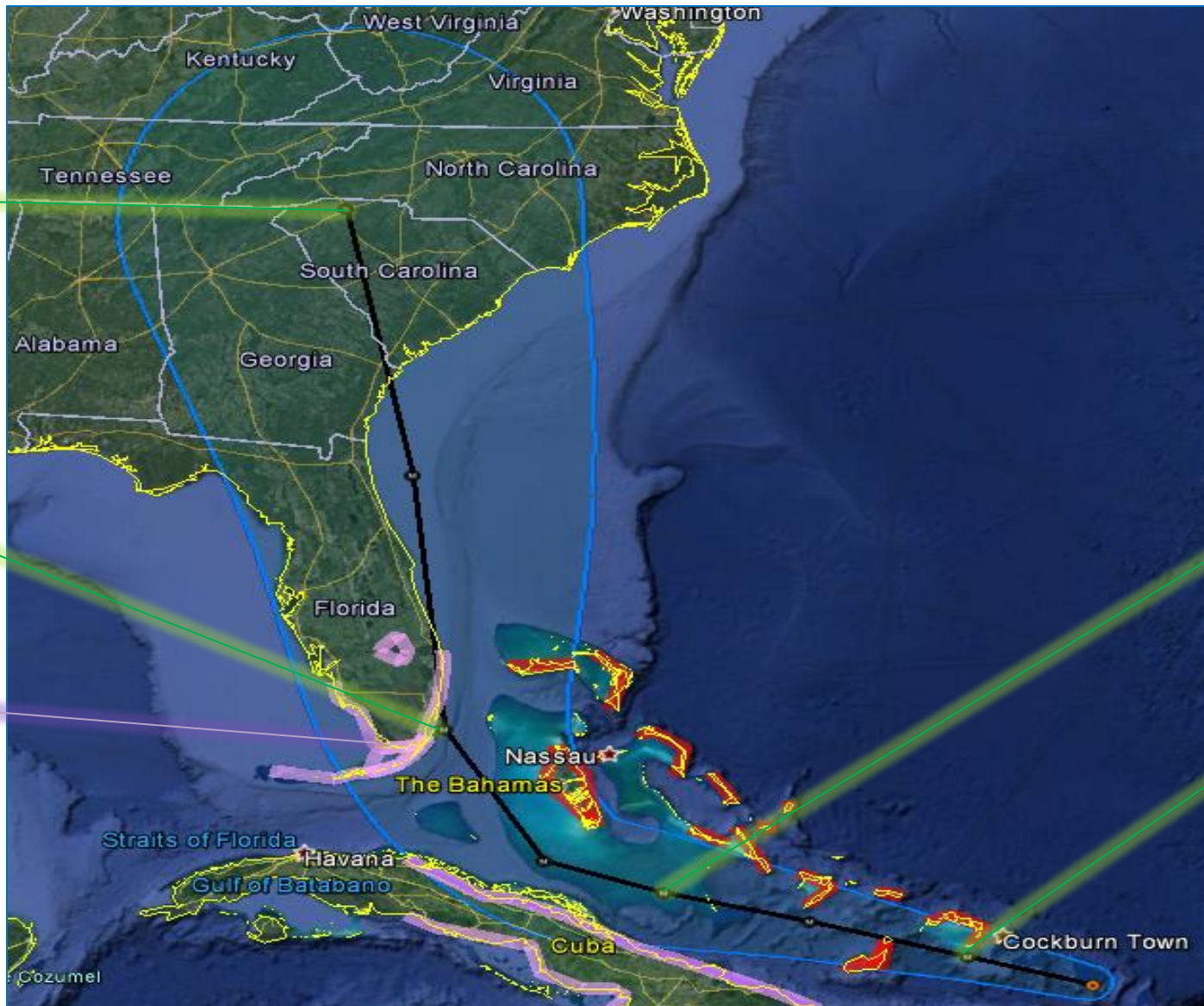
9/12, 8am
Maximum Wind:
55 mph

9/10, 8am
Maximum Wind:
145 mph

Hurricane Watch

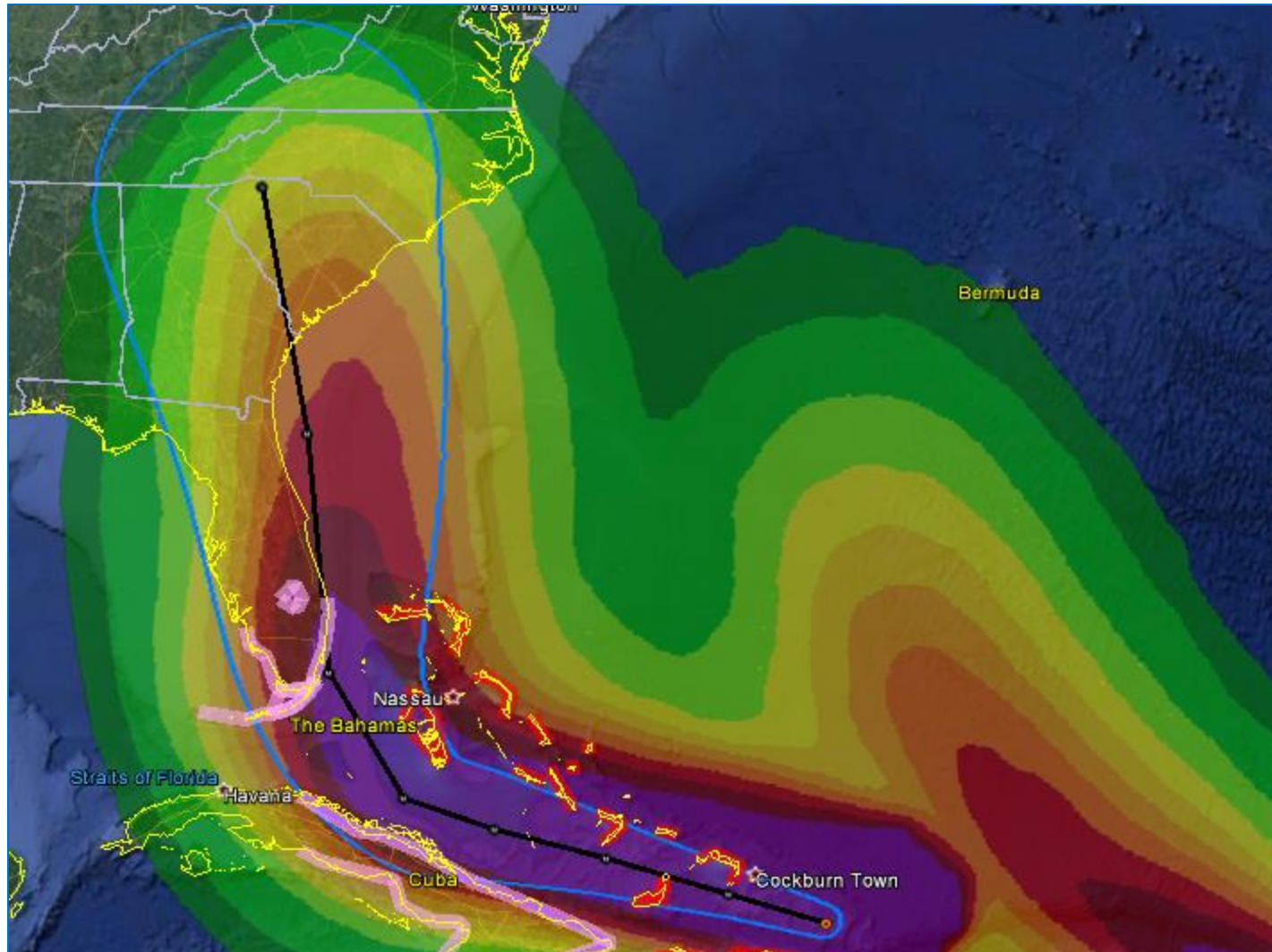
9/8, 8pm
Maximum Wind:
155 mph

9/7, 8pm
Maximum Wind:
165 mph



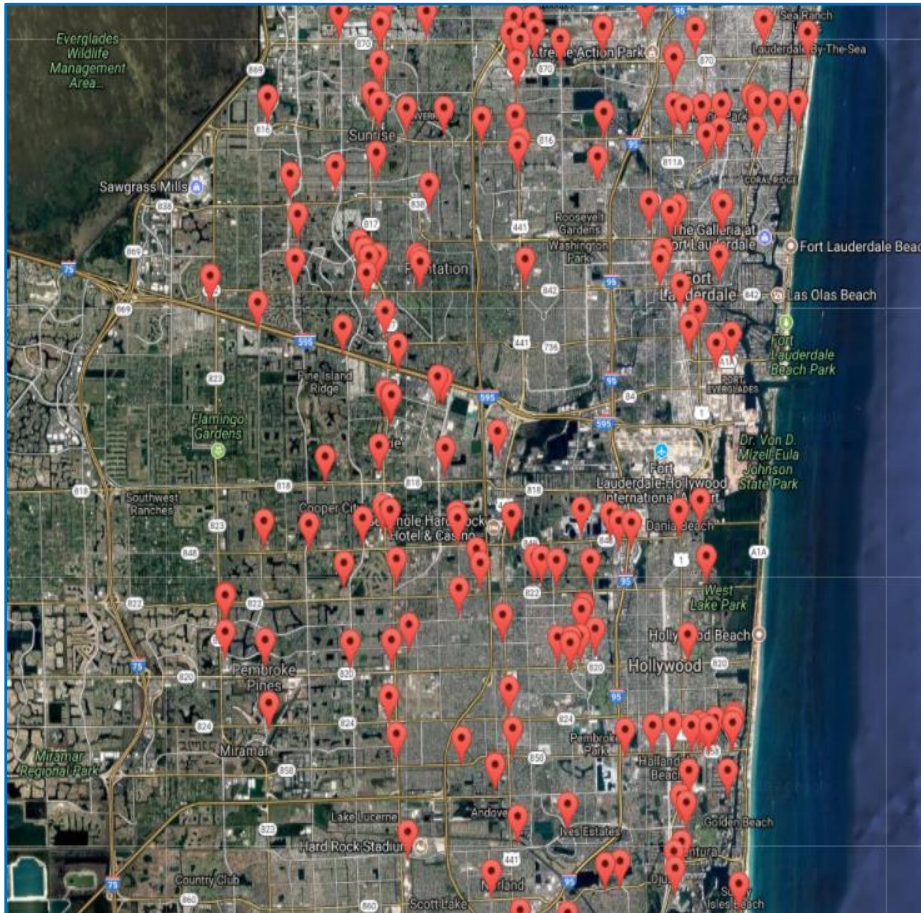
Wind Speed Probabilities

Red – 80-90 mph; Orange – 60-70 mph; Green – 20-30 mph

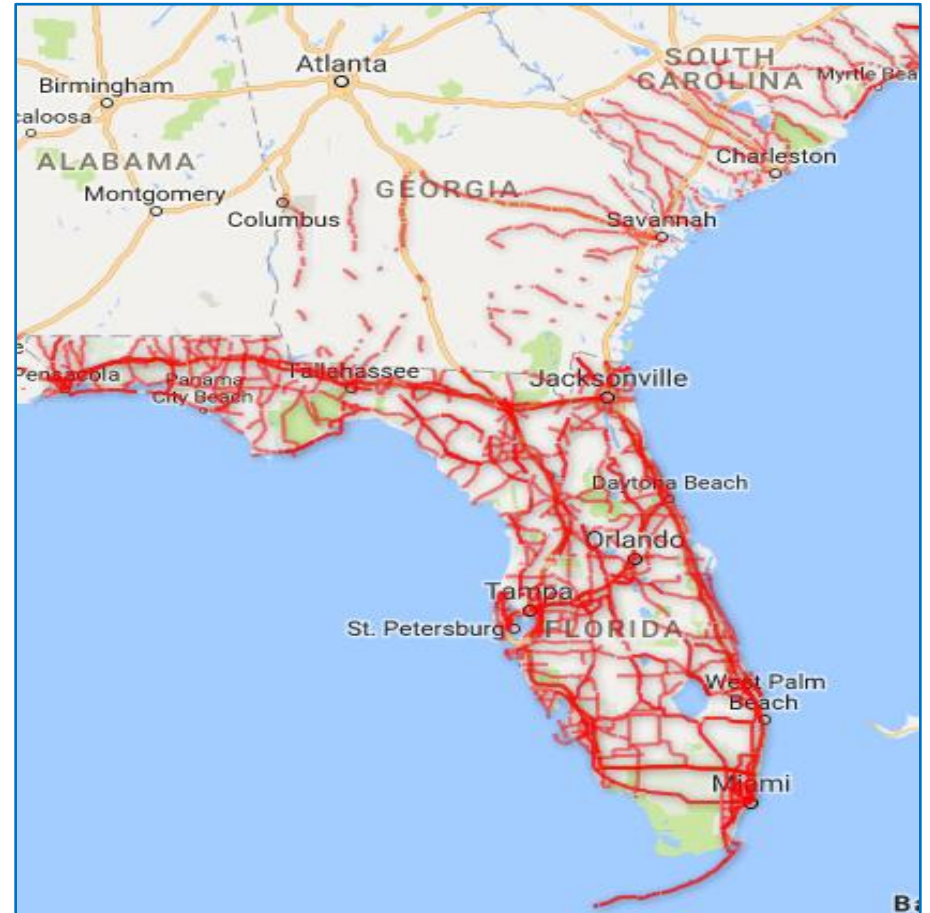


Preparedness Supplies and Evacuation Resources

- Broward County has issued voluntary evacuations of mobile homes and low-lying areas beginning today.
- Collier County has issued voluntary evacuations of Marco Island beginning Wednesday.
- Miami Dade has issued mandatory evacuations for zones A and B. Miami Dade residents can find their zones by clicking [here](#).
- Monroe County has issued mandatory evacuations for visitors beginning this Wednesday. Mandatory evacuations for residents will begin this Wednesday.



Locations of Preparedness Supplies in SE Florida



Evacuation Routes

For Additional Information:

HUB International – Hurricane Irma Resource Page

<https://www.hubinternational.com/crisis-resource-center/2017/09/hurricane-irma/>

American Red Cross

<http://www.redcross.org/>

US Coast Guard Storm Center

<https://www.uscg.mil/news/stormcenter/>

US National Hurricane Center

www.nhc.noaa.gov

US Federal Emergency Management Agency

<http://www.ready.gov/hurricanes>

FEMA – Mobile App

<https://www.fema.gov/mobile-app>

Ready Gov

www.ready.gov

Listo Gov (Spanish)

www.listo.gov

Emergency Management Agencies

<https://www.fema.gov/emergency-management-agencies>

Florida Emergency Management

<http://www.floridadisaster.org/index.asp>