



Hurricane Irma 9.6.17 Analysis

Risk Services Division

6 September 2017

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Hurricane Irma September 6, 2017

Summary

Some fluctuations in intensity are likely during the next day or two, but Irma is forecast to remain a powerful category 4 or 5 hurricane. It continues to approach the US Virgin Islands and Puerto Rico maximum sustained winds 185 mph.

On the forecast track, the extremely dangerous core of Irma will move over portions of the Virgin Islands very soon, pass near or just north of Puerto Rico this afternoon or tonight, pass near or just north of the coast of the Dominican Republic Thursday, and be near the Turks and Caicos and southeastern Bahamas late Thursday.

A Hurricane Warning is in effect for:

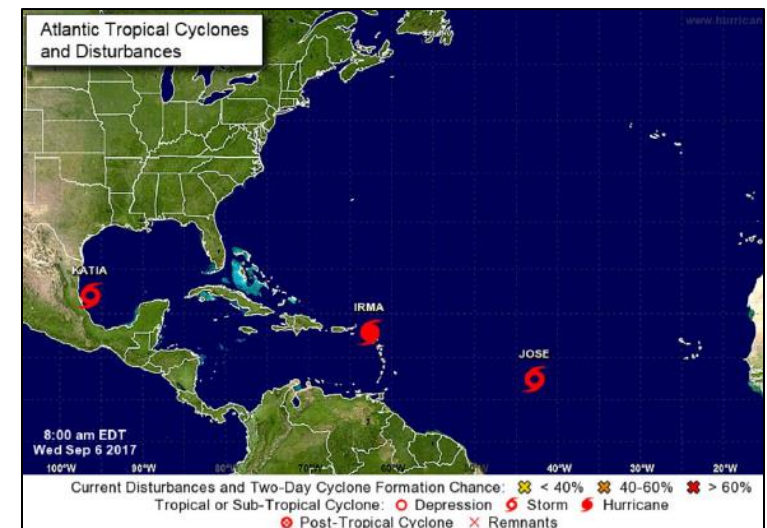
- Anguilla
- Saba, St. Eustatius, and Sent Maarten
- Saint Martin and Saint Barthelemy
- British Virgin Islands
- U.S. Virgin Islands
- Puerto Rico, Vieques, and Culebra
- Dominican Republic from Cabo Engano to the northern border with Haiti
- Haiti from the northern border with the Dominican Republic to Le Mole St. Nicholas
- Southeastern Bahamas and the Turks and Caicos Islands

A Hurricane Watch is in effect for:

- Cuba from Matanzas province eastward to Guantanamo province
- Central Bahamas

A Tropical Storm Warning is in effect for:

- 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



Hurricane Irma Preparedness - Florida

Evacuation Notices/Orders

- Monroe - has issued mandatory evacuations for visitors beginning tomorrow morning and tomorrow evening for all residents.
- Miami-Dade - Individuals with special needs will be evacuated from Miami beginning on Wednesday morning. Officials are advising residents living in low-lying areas to start evacuating on Wednesday.
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Transportation and Public Works

- Governor Scott directed the Florida Department of Transportation (FDOT) to suspend tolls across the entire State of Florida in preparation for Hurricane Irma. Tolls will be suspended for the duration of the storm's impacts to Florida.
- The Florida Department of Transportation (FDOT) is holding teleconferences with districts and agency partners such as the Army Corps of Engineers, Water Management Districts, and Federal Highway Administration to ensure all infrastructure needs are met.
- FDOT will continue to reach out to county emergency operations centers directly to coordinate any necessary response actions, including activating traffic counters, providing local evacuation support and providing maintenance of traffic and other assistance.
- The state is monitoring conditions at all airports and seaports. As of now, there are no closed airports or seaports.
- Governor Scott has rescinded all weight and driver restrictions for highways so water, food, fuel and emergency supplies can be quickly brought to Florida.

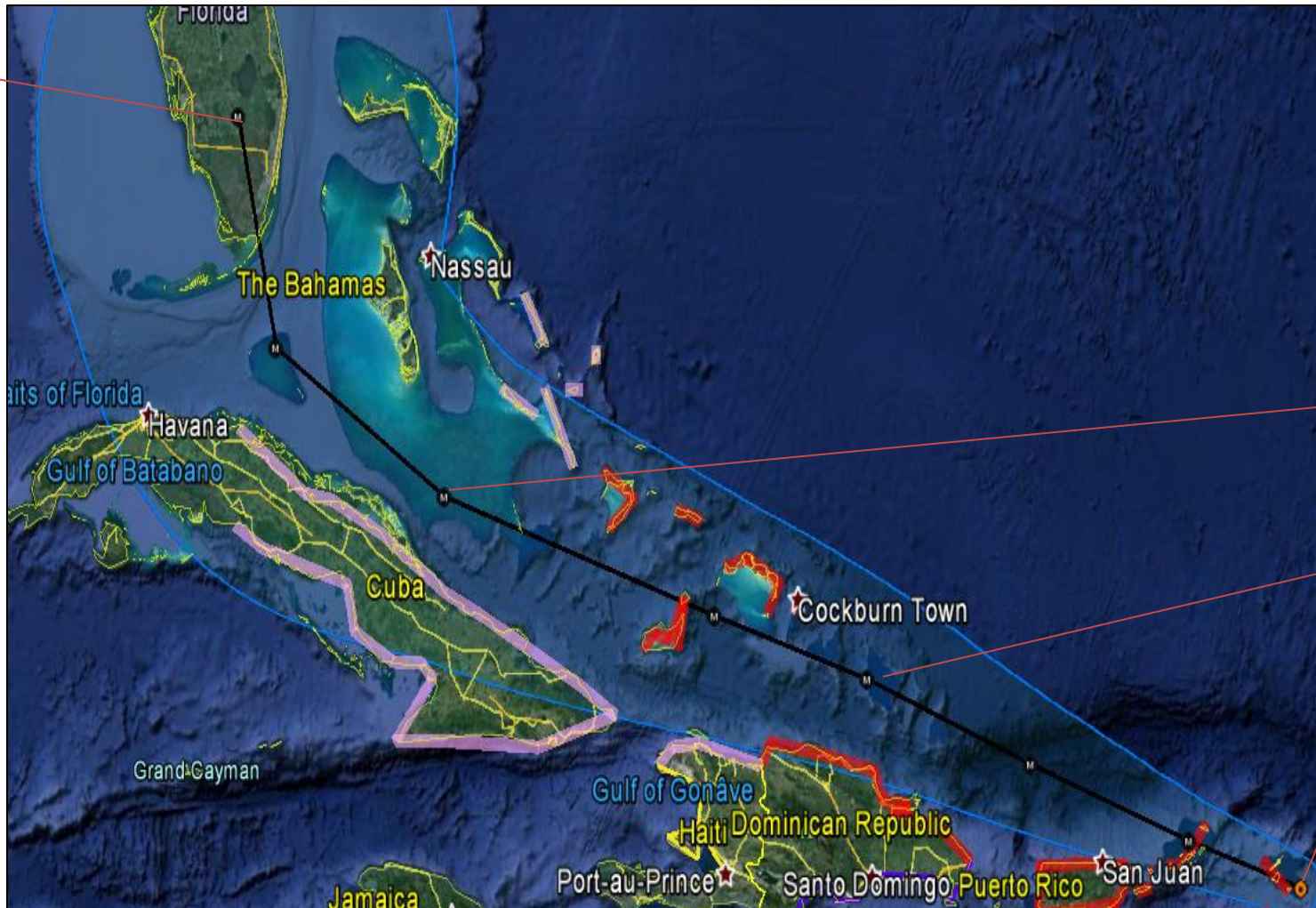
School Districts

- The Florida Department of Education is in contact with school districts, state colleges and universities for updates before, during and after emergency events.
- At this time, all school districts and colleges are monitoring Irma and her path.
- 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.

Utilities

- Utilities have been put on notice to start reporting outage and restoral information when notified to begin.
- Utilities are contacting their mutual aid partners to determine availability if external resources are needed to restore services.
- The state is monitoring the power grid for sufficient power and the natural gas infrastructure for any damages that can cause a loss of service to power plants.
- The state is also requesting utilities to identify any staging areas needed outside of Florida and requesting the status of all nuclear facilities in the event a shutdown is necessary.
- Memos for several gas companies to have access to their facilities have been issued.

Predicted Path



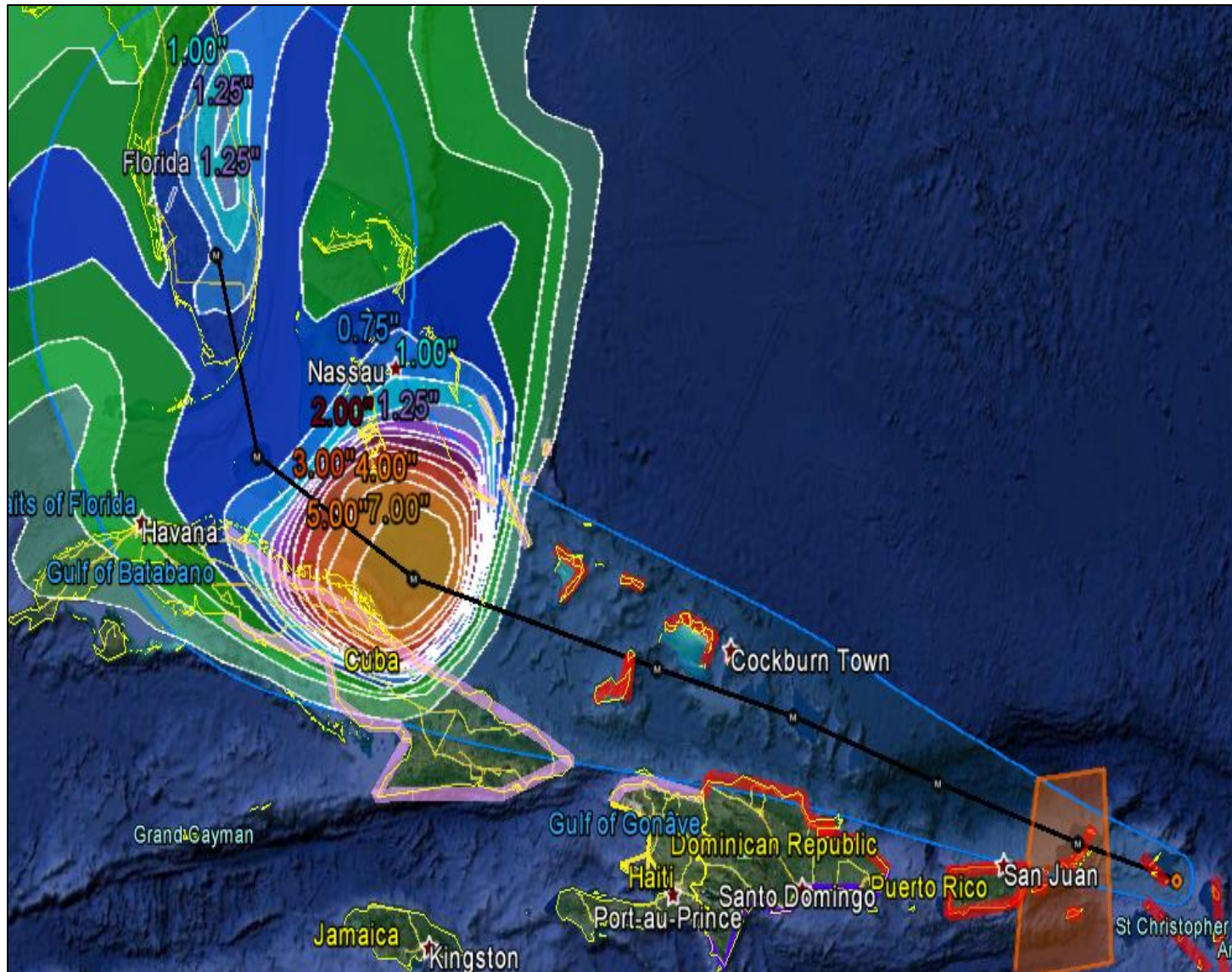
9/11, 8AM
Maximum wind:
120

9/8, 8AM
Maximum wind:
160

9/7, 8AM
Maximum wind:
175

9/6, 8AM
Maximum wind:
165

Predicted 72 hour Quantitative Rainfall



For Additional Information:

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>