



Hurricane Irma 9.13.17 Analysis

Risk Services Division

13 September 2017

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Hurricane Irma (Post Tropical Cyclone) September 13, 2017 (10am EST)

- About 4.4 million still without power in Florida.
- Irma has impacted at least nine states.
- Many of Florida's airports reopened with limited operations Tuesday.
- 90% of homes damaged in Florida Keys.
- Search-and-rescue teams are still going door to door in the hardest hit areas of the Keys.

Summary

At least 17 storm-related deaths have been reported on the US mainland, according to officials. Irma has knocked out power in Georgia, Alabama, South Carolina and North Carolina. Customers who lost electricity on the eastern side of Florida will likely have power restored by this weekend because fewer electrical poles came down in the storm than in other parts of the state, Florida Power & Light said Tuesday.

Residents are returning to their homes, with the Florida Department of Transportation saying all 42 bridges along U.S. 1 -- the only road into and out of the Keys -- have been inspected and cleared.

Massive power outages were reported throughout much of the southeast Tuesday. Among the hardest hit by Irma:

- Florida: about 4.4 million customers are without power across the state, authorities said. they include homes, organizations and businesses.
- Georgia: almost 700,000 customers are in the dark, according to Georgia power and Georgia emc.
- South Carolina: almost 55,000 customers have no power, according to duke energy and sce&g.
- North Carolina: more than 29,000 customers don't have electricity, according to duke energy.
- Alabama: more than 7,000 customers are without electricity, Alabama power said.



Significant River Flooding

Recovery and Re-entry Operations

Florida

- The Florida Department of Transportation (FDOT) announced that it is actively monitoring a small bridge on I-75 at mile marker 408 crossing the Sante Fe River on the northern border of Alachua County. The river is expected to crest at historic and unprecedented levels presenting a potential threat to the safety of travel on this bridge.
- Transportation - Uber is offering free (up to \$25) rides for those seeking transport to or from a Jacksonville-area shelter.
- Gas – Search [here](#) for available gas stations.
- Boil Water Notices - Please check for up-to-date information on [Boil Water Notices](#).
- Curfews - For the most up-to-date information, please check with [local county emergency management](#).
- Evacuation – Re-entry: Hendry and Glades County mandatory evacuation lifted. Check your country for evacuation information.
- Reunification Services - After a disaster, letting your family and friends know that you are safe and well can bring your loved ones great peace of mind. The American Red Cross [Safe and Well](#) site is designed to help make that communication easier. You can either register yourself as “[Safe and Well](#)” or search loved ones.
- School Closures - All K-12 Public Schools, State Colleges, State Universities and State Offices are closed Friday, September 9 - Monday, September 11.
- For more information please visit Florida Department of Education [Hurricane Irma Resources](#).
- Traffic - [Travel and Roadways](#) - latest information on traffic and roads from Florida 511. You may also call 511. [Tolls suspended](#) - tolls have been suspended across the entire state

Georgia

- Gov. Nathan Deal today lifted the mandatory evacuation order for six coastal counties.
- Fuel outages - In addition to difficulty resupplying due to the storm, stations in South Georgia are also experiencing power outages and flooding of their tanks, preventing them from reopening.
- Evacuation - Please refer to [this map](#) to see if you live in the mandatory evacuation zones. Those zones are highlighted in yellow. View [this map](#) for information on evacuation routes.

South Carolina

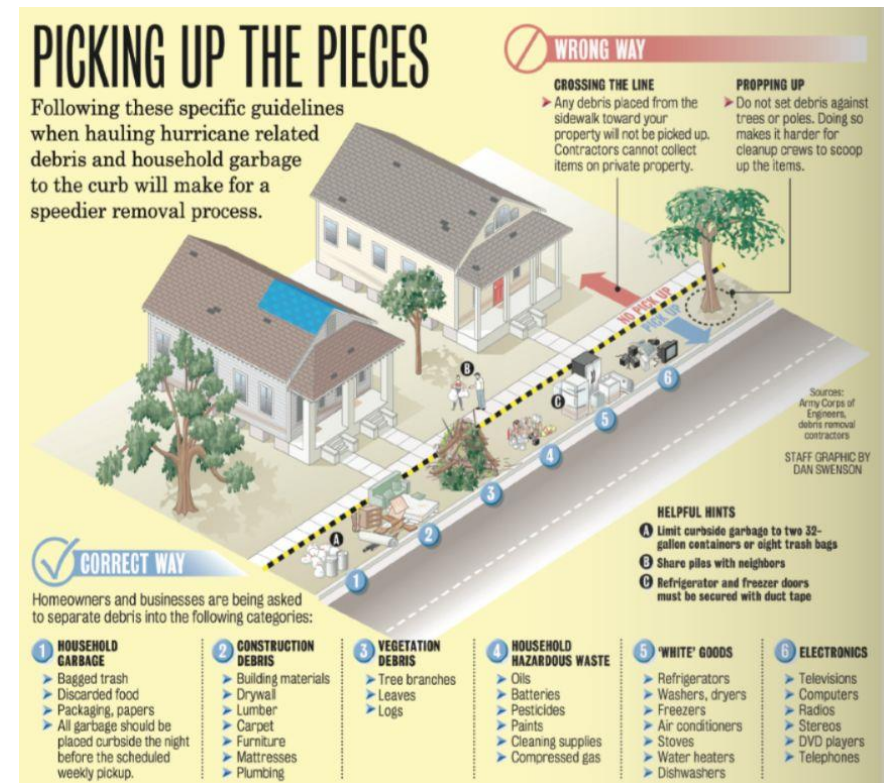
In coordination with local officials, Governor Henry McMaster announced that all evacuation orders have been lifted for residents of the 8 barrier islands previously evacuated, and that local officials are now responsible for permitting access to each of the islands.

- Beaufort County: Hilton Head and Daufuskie islands are currently open for re-entry. Local officials will restrict access to Hunting, Harbor and Fripp Islands.
- Colleton County: Due to current conditions and damage in Edisto Beach, local officials will restrict access and will announce the re-entry plan at a noon press conference today.
- Jasper County: Tulifinny and Knowles islands are open for re-entry.

Advice – Health and Safety Guidelines

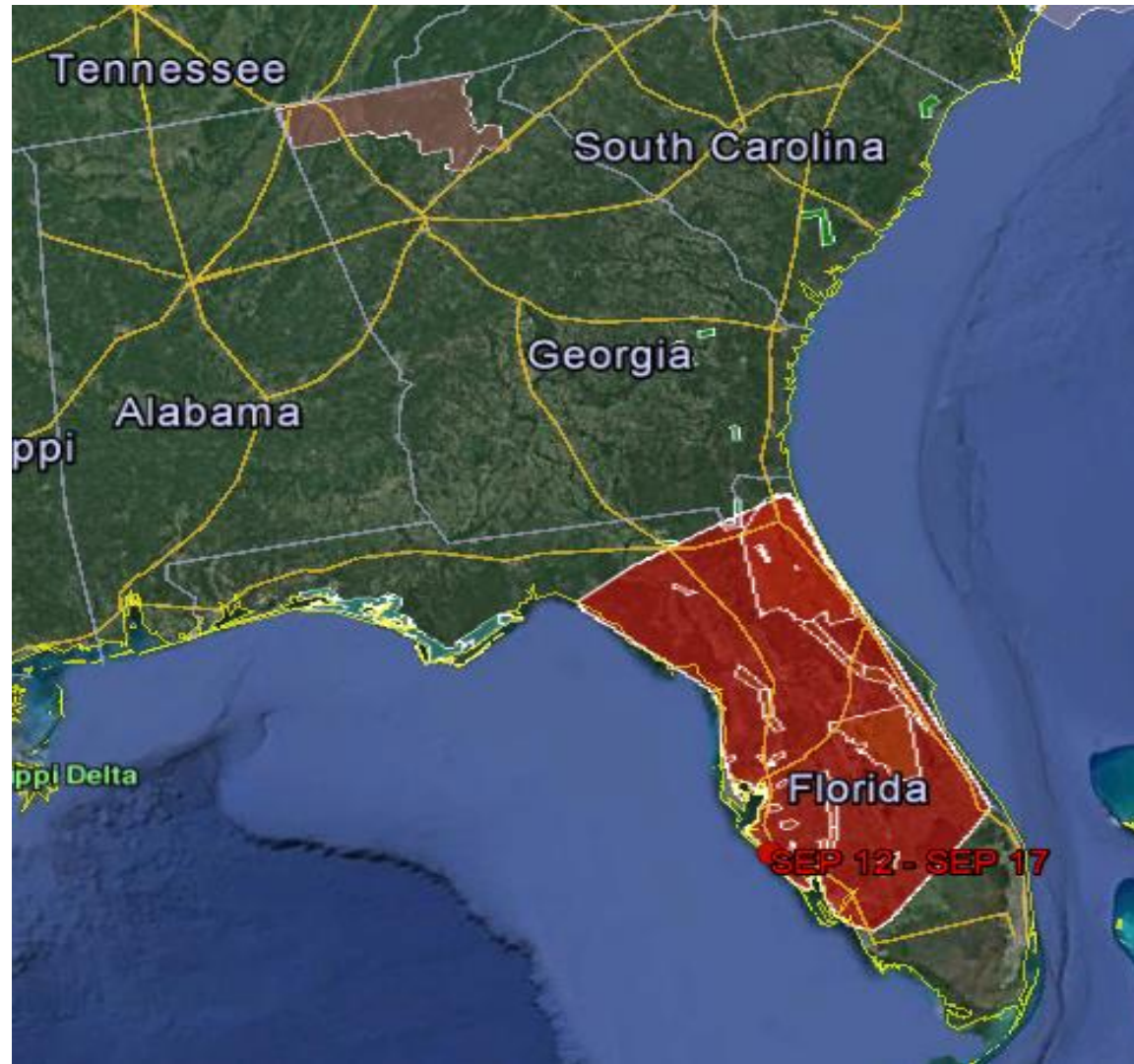
Mold Cleanup

- Put on the personal protective equipment to protect your eyes, nose, mouth, and skin.
- Remove standing water and wet materials. Use a wet vacuum to remove water from floors, carpets, and hard surfaces. Dry your home and everything in it as quickly as you can – within 24 to 48 hours if you can.
- Open all doors and windows when you are working and leave as many open as is safe when you leave.
- Open inside doors, especially closets and interior rooms, to let air flow to all areas. Take doors off their hinges if you need to.
- Open kitchen cabinets and bathroom vanity doors; remove drawers, wipe them clean, and stack them to dry.
- Open the attic access to let air flow to the attic. Before you open the attic door, make sure nothing will fall on you.
- When electricity is safe to use, use fans and dehumidifiers to remove moisture. Do not use fans if mold has already started to grow, because the fans may spread the mold.
- Clean with water and a detergent. Remove all mold you can see. Dry right away.
- If you use cleaning products, do not mix cleaning products together. Do not mix bleach and ammonia because it can create toxic vapors.
- Painting or caulking over mold will not prevent mold from growing. Fix the water problem completely and clean up all the mold before you paint or caulk.
- Throw away items that can't be cleaned and dried.
- Throw away anything that was wet with flood water and can't be cleaned and dried completely within 24 to 48 hours.
- If you have precious items that you want to preserve, follow these guidelines from the Smithsonian Institute:
www.si.edu/mci/english/learn_more/taking_care/mnm.html



Significant River Flood Outlook

Red – Occurring or Imminent; **Yellow** – Possible; **Green** – Flood Watch



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>

Georgia Emergency Management

<http://www.gema.ga.gov/Pages/default.aspx>