



Hurricane Harvey 9.1.17 Analysis

Risk Services Division

1 September 2017

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Hurricane Harvey (Post Tropical Depression) September 1, 2017 9AM ET

Summary

Harvey continues to weaken as it moves farther inland over northern Louisiana. This forecast track will take Harvey into the western Tennessee Valley region on Friday, and into Lower Ohio Valley early Saturday before anticipated dissipation by Saturday afternoon. Flood and flash flood warnings and watches in effect from eastern TX through Lower Mississippi Valley and lower Ohio Valley.

Watches and Warnings

Two additional storms are being monitored right now:

Hurricane Irma is intensifying over the Eastern Atlantic. It is currently a Category 3 Hurricane approximately 720 miles off the Cabo Verde Islands.

Tropical Storm Lidia is currently forming near Cabo San Lucas in the Pacific.

Impacts

- Explosions and smoke from Arkema Chemical Plant in Crosby, TX.
 - Surrounding area previously evacuated within 1.5 miles.
 - 15 public safety officers were treated at a hospital after inhaling smoke from chemical fires that followed the explosions.
 - Health and safety risk to public is limited.
- Evacuations:
 - TX –mandatory evacuations for 779; voluntary evacuations for 980k people.
 - LA –mandatory evacuations for 6.9k; voluntary evacuations for 133k people.
- Shelters/occupants: 239 (+97) / 34k (+12k) in TX; and 4 (+3) / 165 (+145) in LA .
- Homes: Nearly 119k (+19.5)homes may be affected (up from previous estimate of 99k (+37)) out of 2.2 million across 24 (+5)counties.
- 12kcustomers without power in LA.
- Hospitals: 30 evacuated/closed; 14 sheltering in place; 2 on generator power.
- Airports across the region are open, some with limited operations.
- Schools: All schools in Rockport & Fulton County, TX closed indefinitely; 24 parish schools in LA closed.
- Drinking and waste water systems continue to be evaluated for operational status.
 - City of Beaumont has lost service from the main pump station -anticipate complete loss of water pressure this morning.



Explosions reported at flooded Crosby Plant

Advice

Cleaning up Safely After a Disaster

- Stay away from damaged buildings or structures that have not been examined and certified by an inspector.
- Wear hard hats, goggles, heavy work gloves, and watertight boots with steel toe and insole cleanup work.
- Carbon monoxide can cause illness and death.
- Remove and discard items that cannot be washed and disinfected.
- Never turn power on or off or use an electric tool or appliance while standing in water.
- Stay away from damaged buildings or structures until they have been examined and certified as safe by a building inspector or other government authority. You may want to wait to return to buildings during daylight hours, when it is easier to avoid hazards, particularly if the electricity is off and you have no lights.
- Leave immediately if you hear shifting or unusual noises that signal that the structure may fall or if you smell gas or suspect a leak. If you smell gas, notify emergency authorities and do not turn on the lights, light matches, smoke, or do anything that could cause a spark. Do not return to the house until you are told it is safe to do so.
- Keep children and pets out of the affected area until cleanup has been completed.



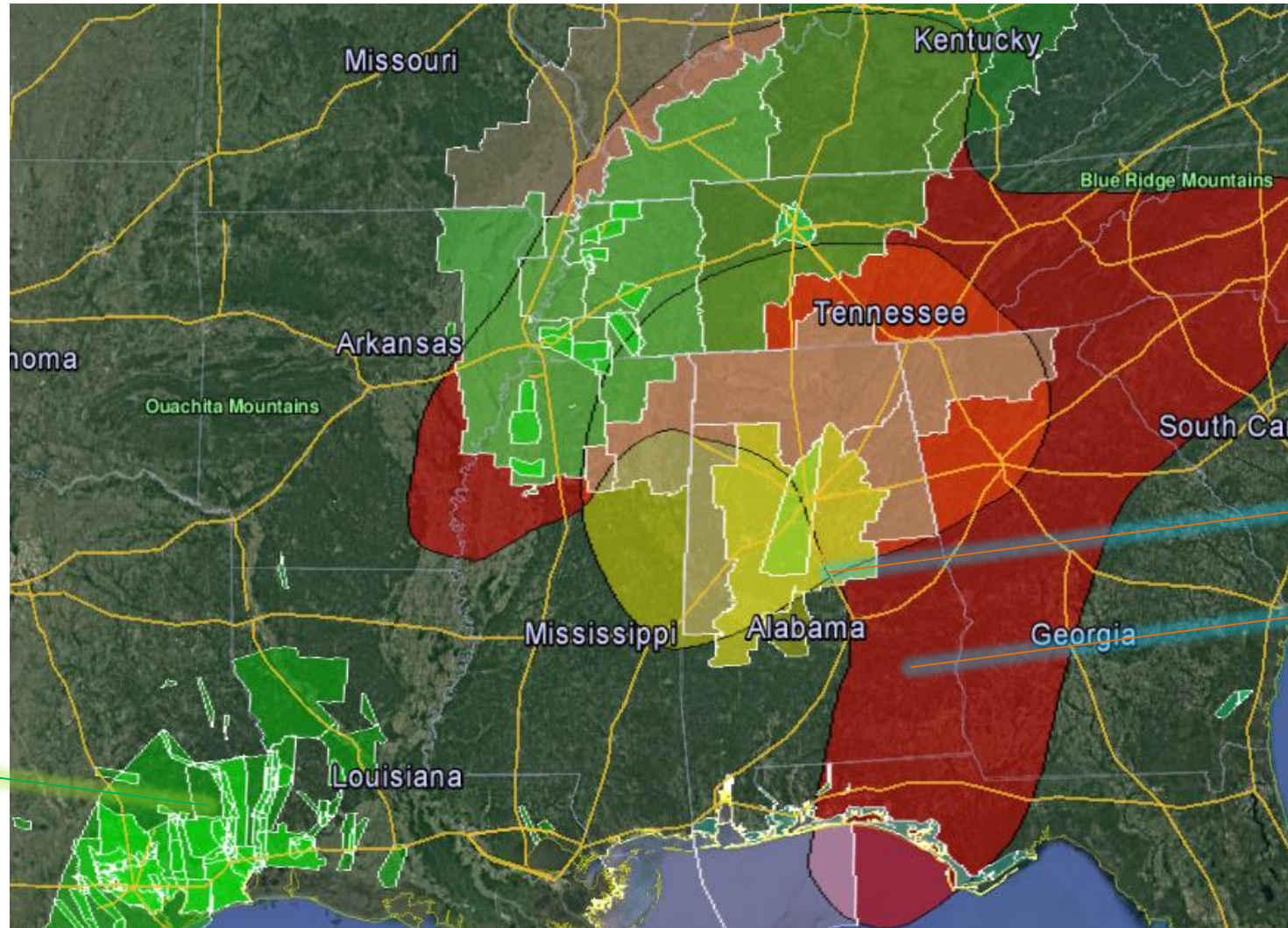
Scam - Homeland Security Impersonators

- There are reports that people impersonating Homeland Security Investigations (HSI) special agents are knocking on doors in the Houston area telling residents to evacuate — presumably so these imposters can rob the empty homes.
 - Real HSI officials wear badges that are labeled “special agent,” which members of the public can ask to see and verify.
 - ICE officers with Enforcement and Removal Operations (ERO) also wear badges labeled with ERO Officer.
 - They also carry credentials with their name and organization.
- Members of the public who receive such visitors should ask to see these properly labeled badges, and their credentials.
- In addition, these officers and special agents would be conducting hurricane relief operations with other local law enforcement agencies.
- To report suspicious activity or individuals you believe are impersonating ICE officials, members of the public should immediately [contact ICE toll free at 866-347-2423](tel:866-347-2423).

Gas Shortages

- QuikTrip, a chain with 135 gas stations in the Dallas-Fort Worth area, is strategically closing stations.
 - QuikTrip maintains a list of stations that have gasoline available on its [website](#).
- National average price for gasoline could climb by 10 cents to 25 cents a gallon over the next week, and average prices in Texas rise by 20 cents to 40 cents a gallon.
- The majority of North Texas gas stations are not expected to run out of gas, but costs are expected to rise.
- Industry experts say the shortages are likely to be sporadic and short-lived.

Current Watches and Warnings



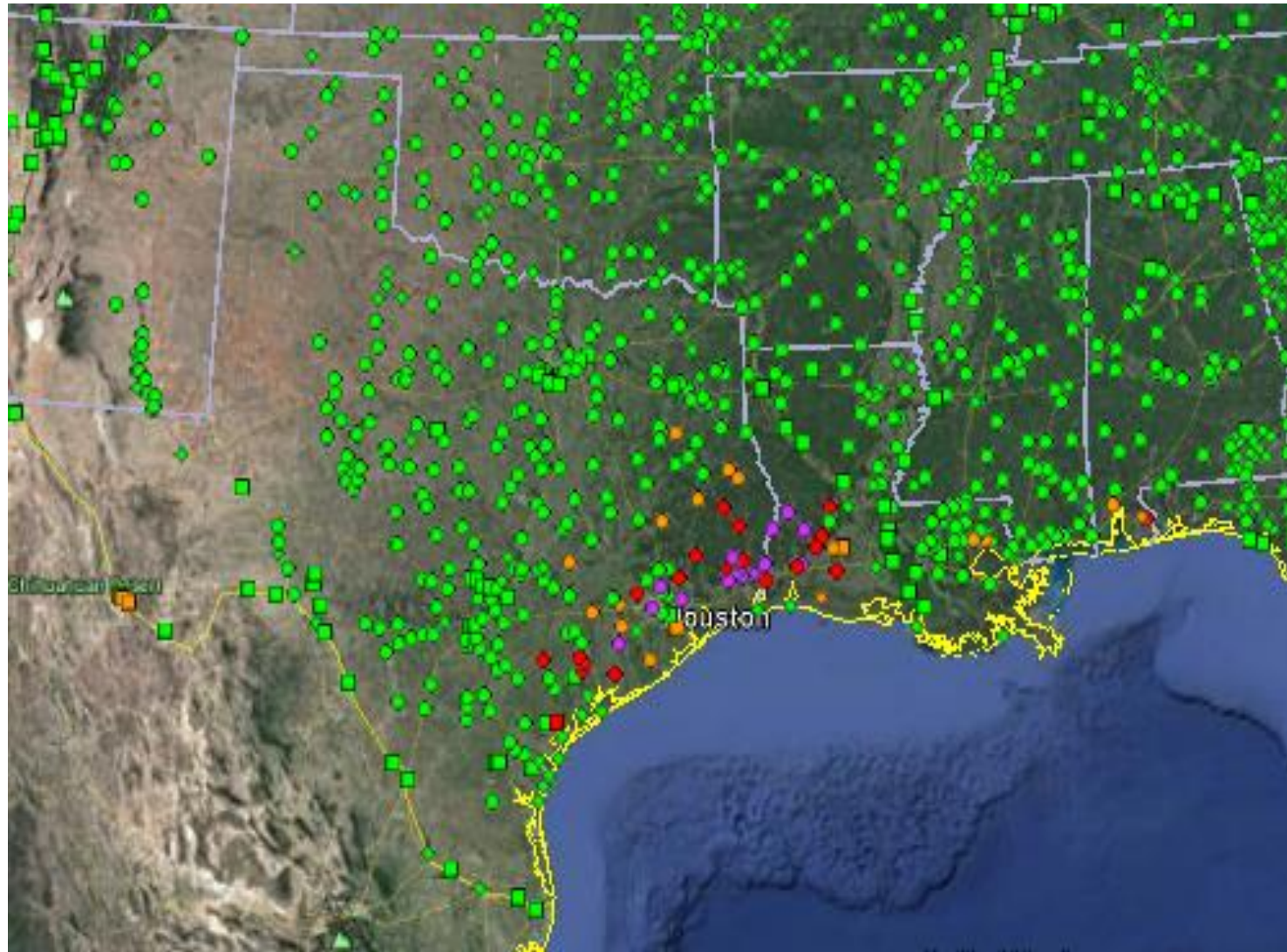
Flash Flood Watch

Severe Thunderstorms

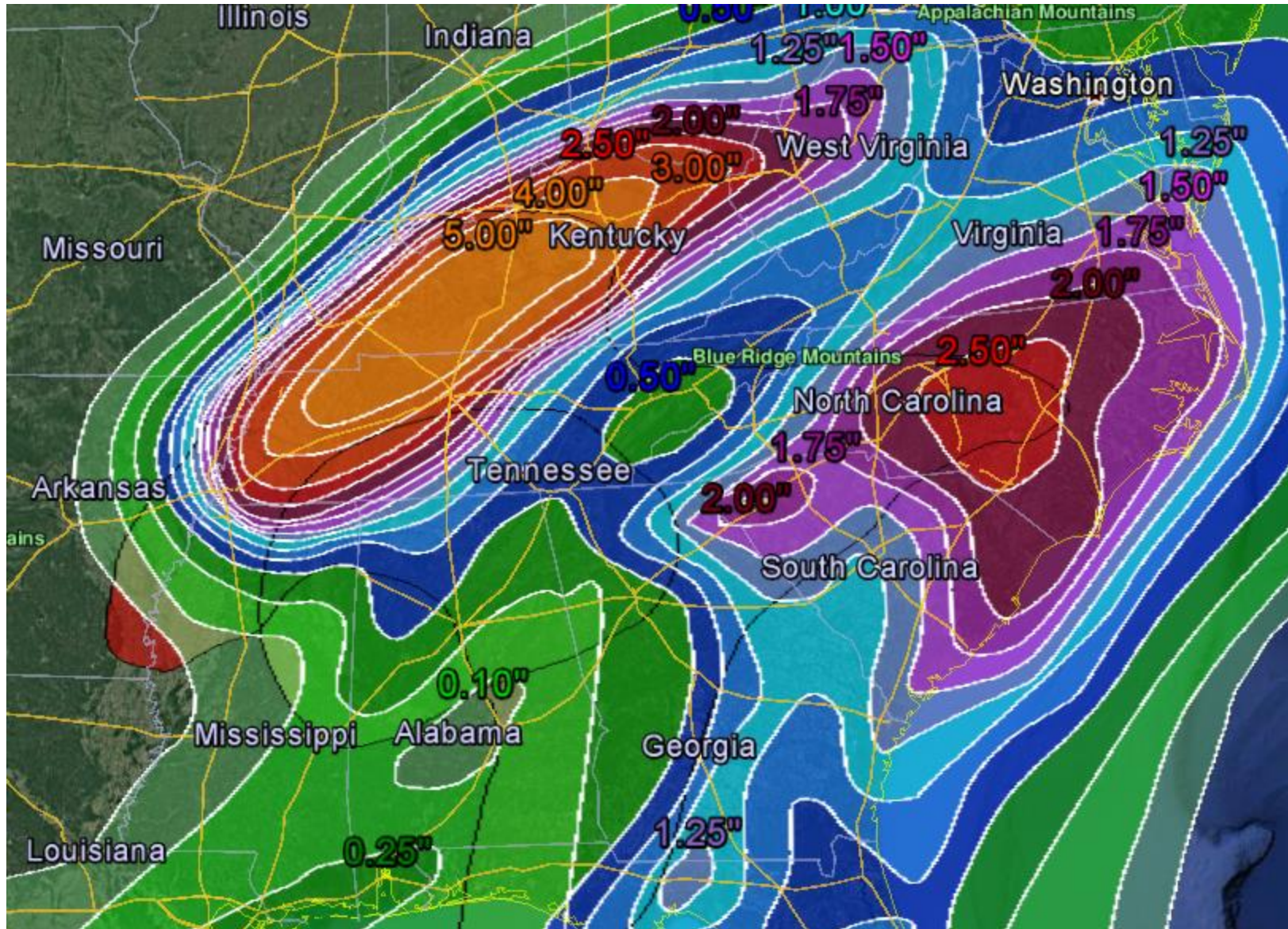
Flash Flooding

Flood Watches

Purple – Major Flooding ; Red – Moderate Flooding; Orange – Minor Flooding; Green – No Flooding



Predicted Quantitative Rainfall 48 hours



For Additional Information:

American Red Cross
<http://www.redcross.org/>

Texas Department of Transportation
<https://drivetexas.org/#/7/32.340/-99.500?future=false>

Texas Hotels and Lodging
https://texaslodging.com/uploads/files/general/Hotel_Brands_Toll_Free_Numbers.pdf

Texas Department of Insurance
<http://www.tdi.texas.gov/consumer/storms/helpafterharvey.html>

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>

Governor's Office of Homeland Security and Emergency Preparedness - Louisiana
<http://gohsep.la.gov/RESPOND/ALERTS>

Emergency Management – Louisiana
<http://emergency.la.gov/>

National Hurricane Center
<http://www.nhc.noaa.gov/>

FBI Internet Crime Complaint Center
<https://www.ic3.gov/default.aspx>