

Hurricane Season Safety & Preparedness

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TxDOT Austin District



- Austin District Profile
 - 11 counties
 - 2.5 Million residents
 - 2 Million vehicles registered
 - 9,584 lane miles
 - 15 Maintenance Sections
 - 5 Area Offices
 - Approximately 550 employees



- National Hurricane Preparedness week April 30th to May 6th
- Season official begins June 1st and ends November 30th (6 months of the year!)
- Districts are meeting this month to discuss their plan & make any needed updates
- TxDOT Hurricane Conference May 8th to 10th in Corpus Christi
- Austin District Hurricane Preparedness Workshop - May 18th



- Three Missions During Hurricane Season
- 1. Prepare for a local impact
- 2. Prepare to aid coastal Districts
 - Pharr, Corpus Christi, Yoakum, Houston, and Beaumont
- Prepare to receive evacuees from coastal Districts
 - Evacuation routes, Evacuation lanes,
 Contraflow

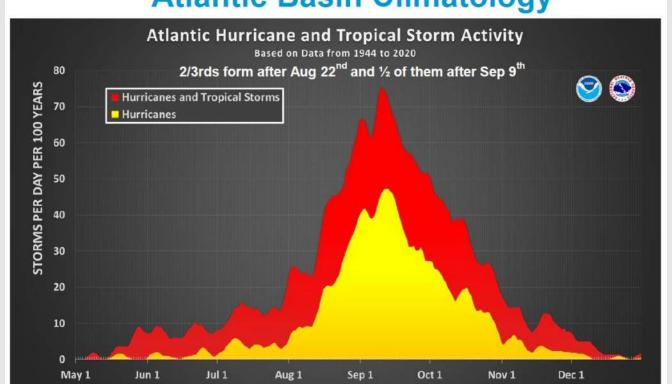


- Support to coastal Districts
 - Push and clear
 - Cut and clear
 - Sign repairs
 - Signal repairs
- Number of staff based on Category storm
 - Minimum of 15 employees
- Plan A, Plan B, Adjust

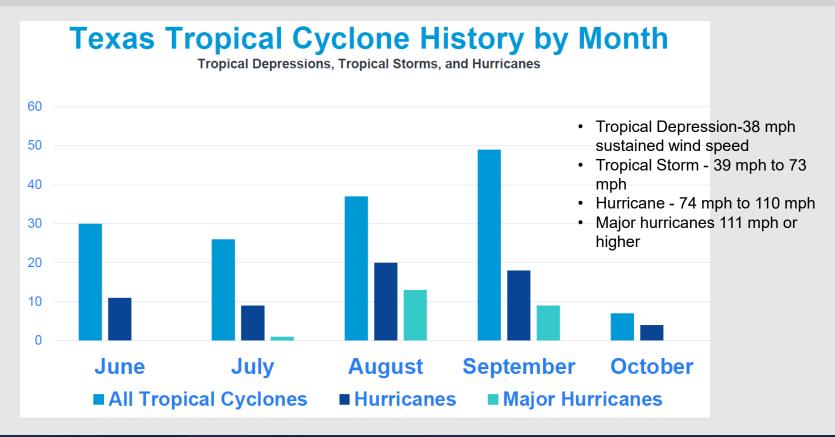




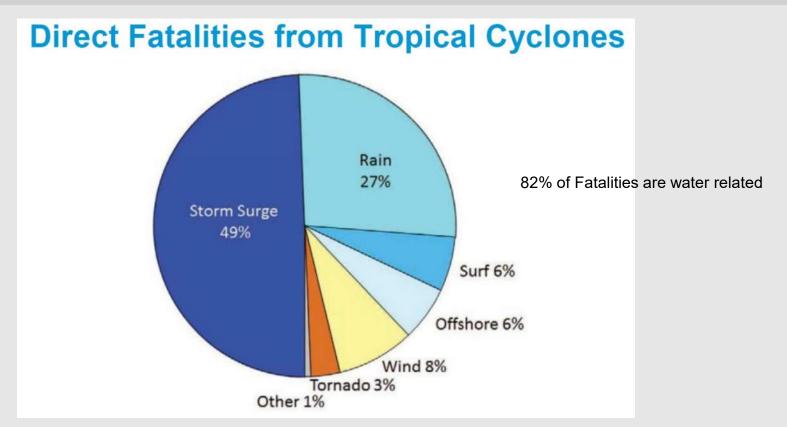






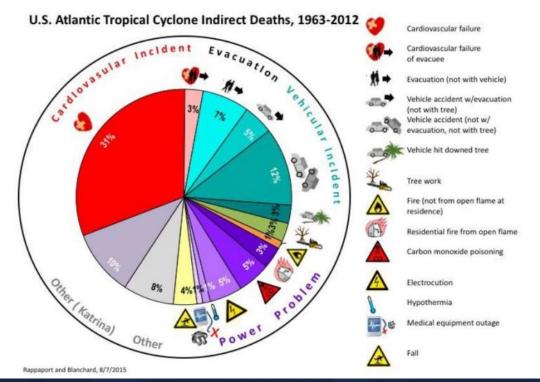








Indirect Fatalities from Tropical Cyclones

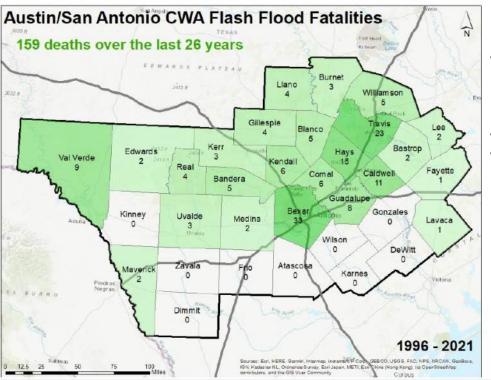


- 34% of Fatalities are cardiovascular related
- 15% are related to evacuation
- · 20% vehicular related



10

Flash Flood Fatalities in South Central Texas



- Inland flooding is the leading cause of fatalities in South Central Texas from Tropical Cyclones
- Our greatest risk/threat
- 74 Fatalities in the Austin
 District, not including Mason
 County







- •Most likely area the CENTER of the storm will track Cone is based on average NHC errors from last 5 years ■2/3rds of the time forecast
- center stays within the cone
- ■Impacts can occur WELL **OUTSIDE** the cone
- Highest US record recorded in Nederland, TX with 60.58" during Harvey (broke the previous record by 12")

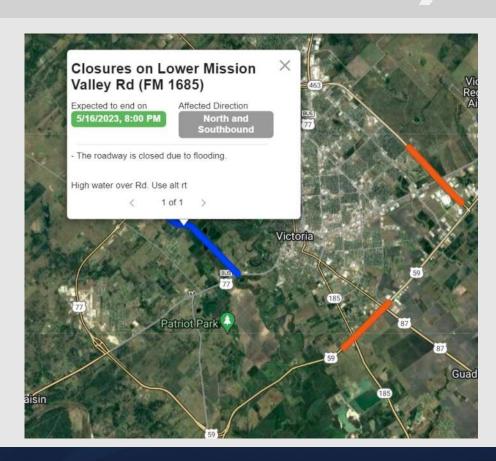
May 17, 2023 **Footer Text**

11

- Have a hurricane plan
 - Share the plan with your family and close friends
- Have a free State of Texas travel map in your vehicles
- Buy supplies early
 - Take care of home in advance
- Plan for the worst and hope for the best
- Follow trusted weather forecast sources
- Hurricane Preparedness webpage
- <u>Texas Hurricane Center</u> | <u>Office of the Texas Governor</u> | <u>Greg Abbott</u>



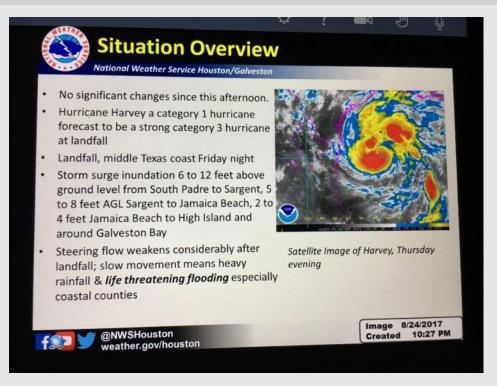
- Resources available to travelers
 - DriveTexas.org
 - Desktop version
 - Mobile version
 - Call Center 1-800-452-9292
- Local emergency management apps/notifications
 - Ready Central Texas
 - WarnCentralTexas.org



13



14



Questions?





15



2023 Atlantic Tropical Cyclone Names

Arlene Bret Cindy Don **Emily** Franklin Gert

Harold Idalia Jose Katia Lee Margot Nigel

Ophelia Philippe Rina Sean **Tammy** Vince Whitney

See a familiar **District** employee name?

NOAA

Be prepared: Visit hurricanes.gov and follow @NWS and @NHC Atlantic on Twitter.

May 17, 2023 **Footer Text**