



TS Harvey

8:30 PM CDT
Sunday, August 27, 2017

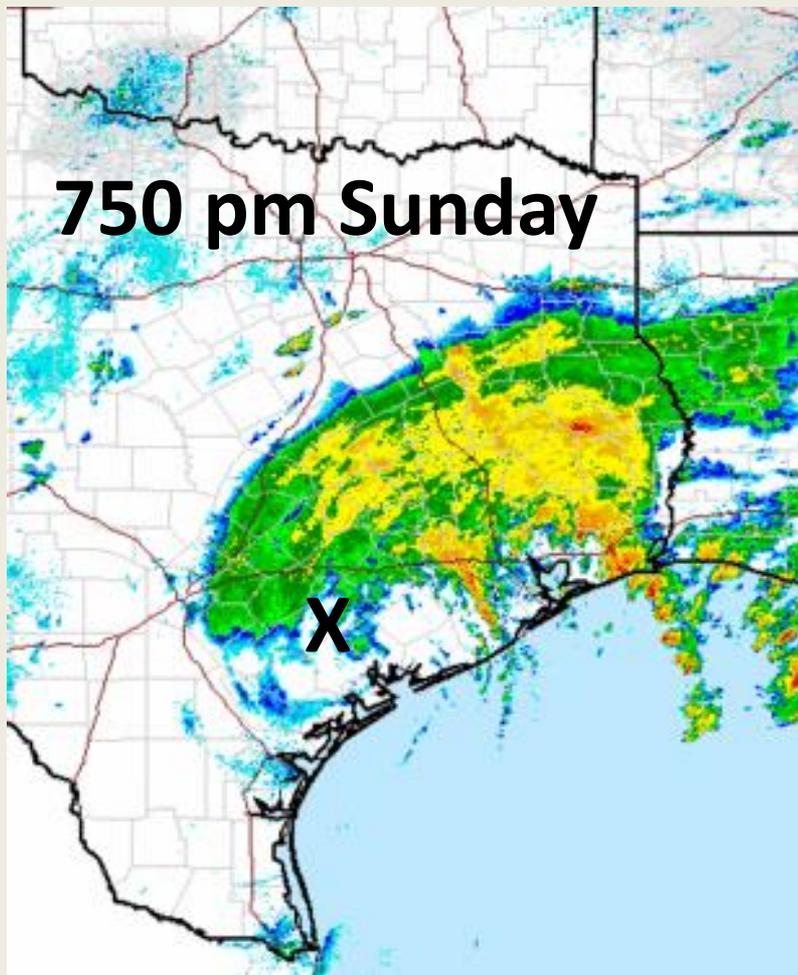
Prepared by:
Brian Kyle





Tropical Storm Harvey

National Weather Service Houston/Galveston



- ❑ **Advisory Time:** 7 pm CDT, 8/27/2017
- ❑ **Position:** 28.9N 96.8W
- ❑ **Winds:** 40 mph sustained w/ higher gusts
- ❑ **Movement:** SSE 3 mph
- ❑ **Comments:**
 - ❑ Tropical Storm Harvey is forecast to meander south of Matagorda Bay Tuesday, then back to the northeast closer to the metro area toward midweek.
 - ❑ Catastrophic rainfall and flooding will persist for several days.
 - ❑ Unfavorable marine conditions are expected through at least midweek along the upper Texas coast.



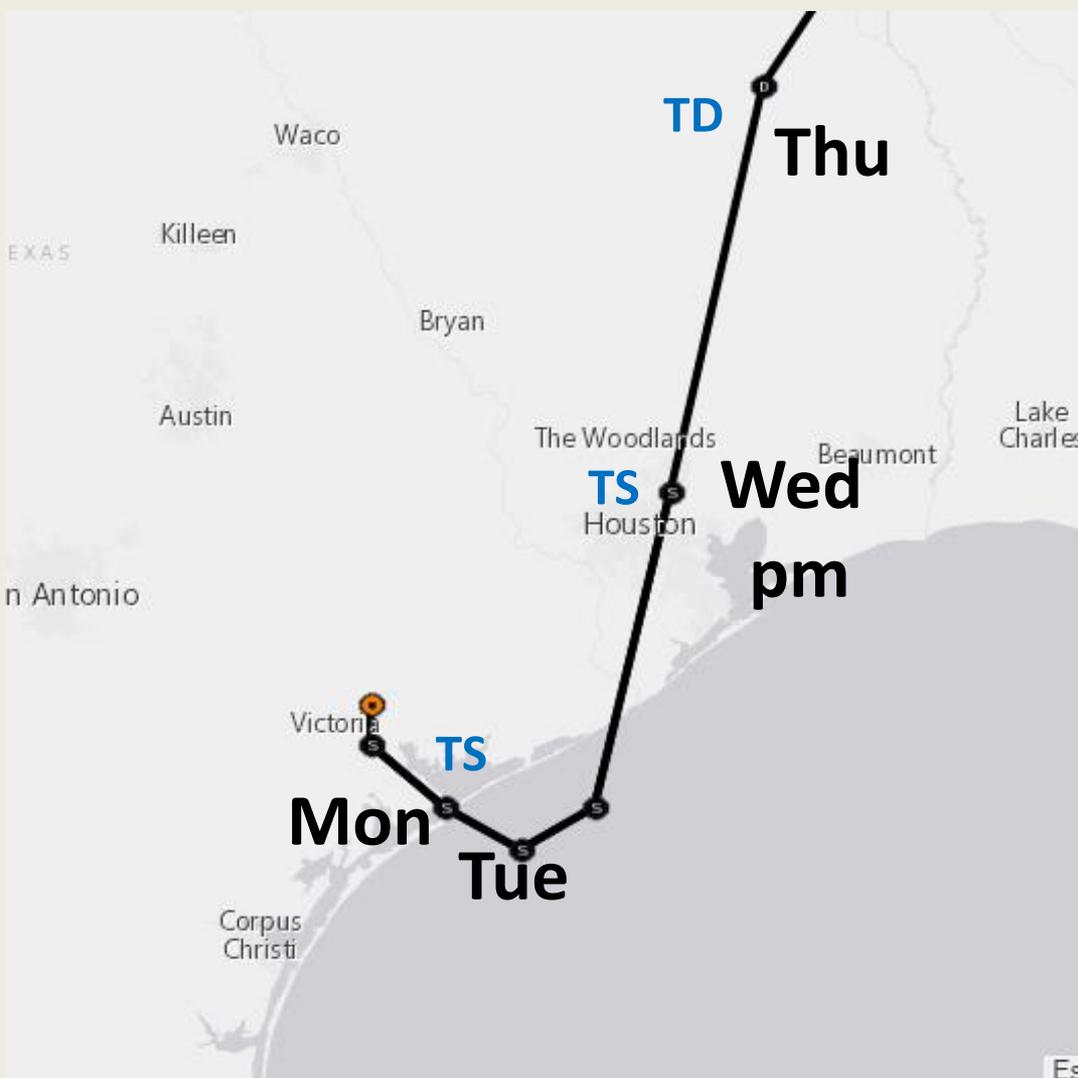
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Official 7 pm NHC Forecast

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Official NHC Forecast

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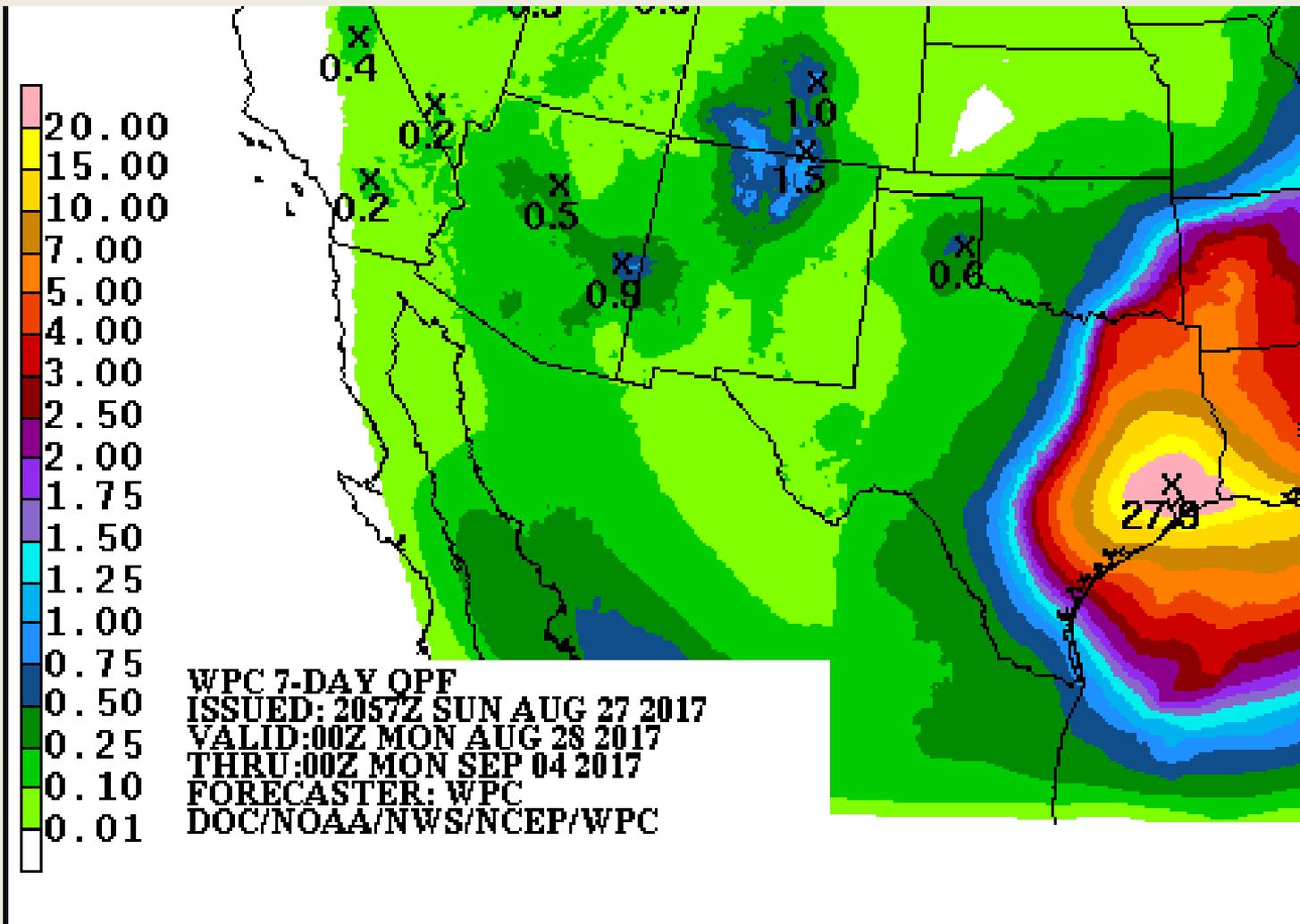
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Additional Rainfall – Next 7 Days

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Texas Coastal Waters Forecast 0-20NM

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Monday	Matagorda	Freeport	Galveston
Winds	S 25-35 Higher gusts	SE 25-30 Higher gusts	SE 25 Higher gusts
Seas 0-20NM	8 Occasional 10	8 Occasional 10	8 Occasional 10
Chance of storms >60%	yes	yes	yes

Tuesday	Matagorda	Freeport	Galveston
Winds	NE-N-NW 25-40	SE 25-35	SE 25-30
Seas 0-20NM	10 Occasional 15	9 Occasional 12	9 Occasional 12
Chance of storms >60%	yes	yes	yes



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Upper Texas Coastal Waters Forecast 0-20NM

National Weather Service Houston/Galveston

Tuesday Night tropical storm conditions possible. Southeast winds 30 to 40 knots becoming south 30 to 35 knots after midnight. Gusts to 50 knots. Seas 9 to 12 feet with occasional seas up to 15 feet. Showers and thunderstorms likely.

Wednesday tropical storm conditions possible. Showers and thunderstorms likely.

Wednesday Night Southwest winds 20 to 25 knots. Seas 5 to 7 feet with occasional seas up to 8 feet. Showers and thunderstorms likely.

Thursday Southwest winds 20 to 25 knots decreasing to 15 to 20 knots in the afternoon. Seas 4 to 6 feet with occasional seas up to 7 feet. A chance of showers and thunderstorms.

Thursday Night South winds 15 to 20 knots decreasing to 10 to 15 knots after midnight. Seas 2 to 4 feet. A chance of showers and thunderstorms.

Friday South winds 10 to 15 knots increasing to 15 to 20 knots in the afternoon. Seas 2 to 4 feet. A chance of showers and thunderstorms.

Friday Night South winds 10 to 15 knots. Seas 2 to 3 feet. A chance of showers and thunderstorms.



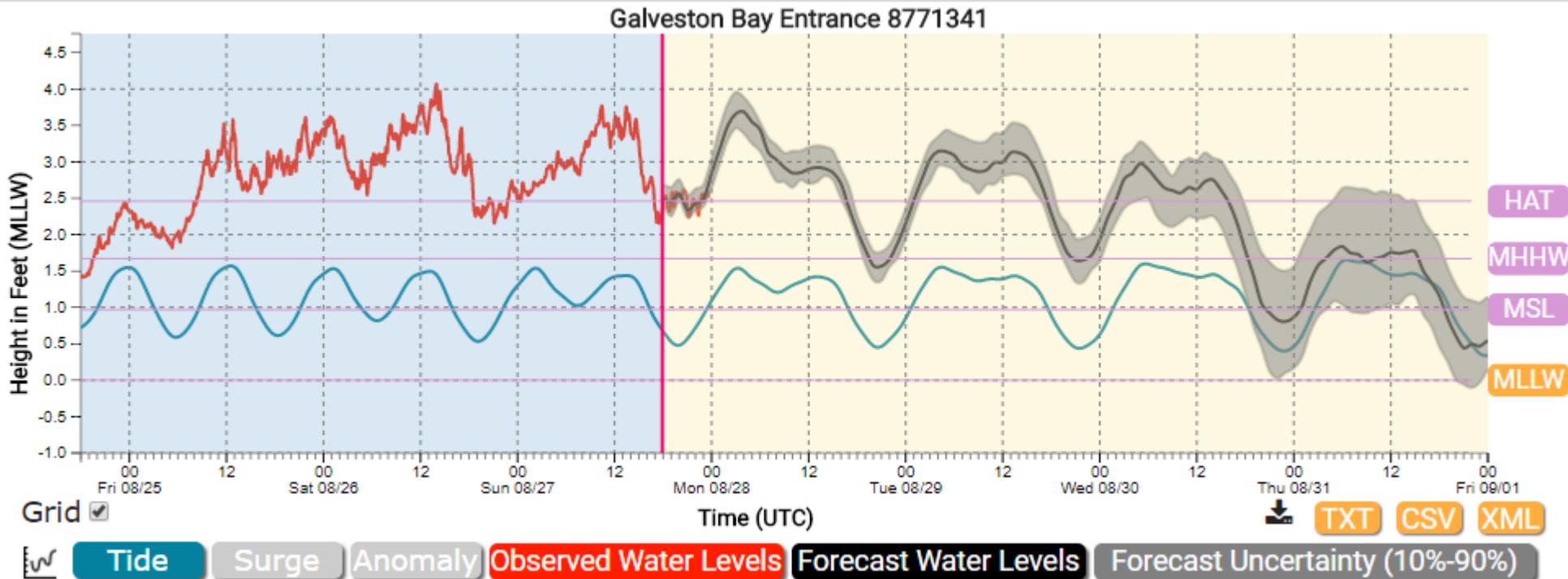
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Elevated Water Levels

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- **What the tide table shows**
- **What's actually being observed**
- Computer model forecast (with uncertainty)

Concerned with coastal flooding with levels generally above 3 feet MLLW



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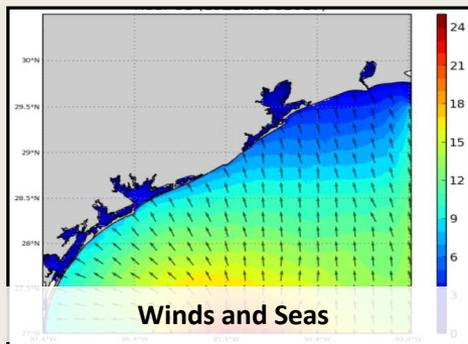
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Summary of Marine Impacts

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Tropical Storm forecast by NHC to again impact the upper Texas coast



Winds and Seas

- Winds and seas remain elevated much of the week for the mid and upper coast.



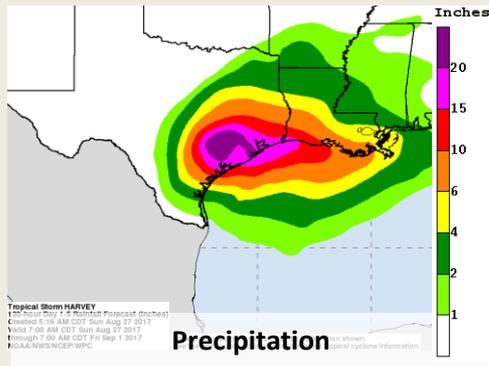
Large surf & strong rip currents

- Large surf.
- Strong rip currents.
- Beach erosion.



Coastal Flooding

- Coastal flood risk continues for the upper coast.



Precipitation

- Periods of rain/storms.
- Tornadoes and waterspouts possible in spiral bands mainly on the right side of the track
- Prolonged heavy/flooding rain a good possibility. Spans several days.
- River/bayou flooding and elevated water levels into early next week.
- Will make for challenging maritime navigation.

Expect unsettled conditions along the upper Texas coast well into midweek!



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