



Tropical Storm Harvey: SE Texas Impacts

4 PM CDT UPDATE
Sunday August 27, 2017

Prepared by:
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Situation Overview

National Weather Service Houston/Galveston

- **Catastrophic flooding is ongoing with flash flood emergencies remaining in effect.** The threat for continued **additional catastrophic, unprecedented, and life threatening flooding continues** today and into next week with periods of heavy rain from bands coming off the Gulf. Flash Flood Watches and Warnings are currently in effect for all of southeast Texas.
- TS Harvey is drifting southeast towards Matagorda Bay, then is expected to turn and slowly move north through SE TX. Could maintain tropical storm strength as it moves out over the coastal waters.
- **Tornado threat continues** with rain bands coming onshore and moving inland. Have already had numerous tornadoes confirmed.
- **Minor coastal flooding** is possible around times of high tide through Wednesday.



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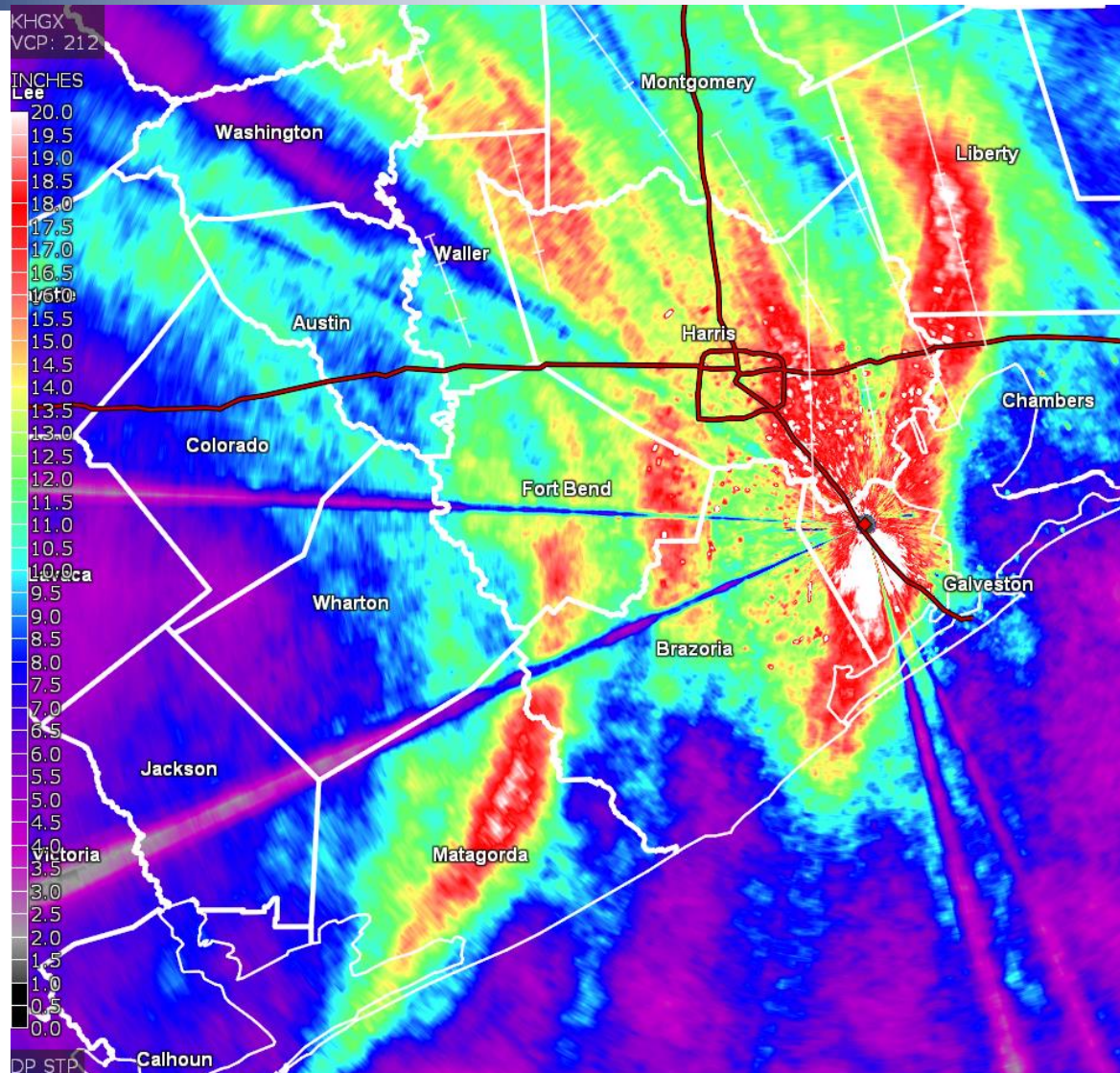


Radar Estimated Storm Total Rainfall

National Weather Service Houston/Galveston

48 hour measured rainfall max in each county

Austin County ...Eagle Lake	15 inches
Brazoria County ...Dixie Farm Road	26.76
Chambers ...Mt Belvieu	16.27
Colorado ...Ellinger	18.74
Fort Bend County ...First Colony	24.83
Galveston County ...Santa Fe	24.50
Harris County ...Pearland	24.44
Liberty County ...Dayton	27.45
Matagorda County ...2W Bay City	12.89*
(likely 20+ in parts of county)	
Montgomery County ...Magnolia	17.80
San Jacinto ...Coldspring	14.69
Walker ...Shiro	12.72
Waller ...3 W Katy	13.70
Washington ...Carmine	16.95
Wharton ...East Bernard	13.5



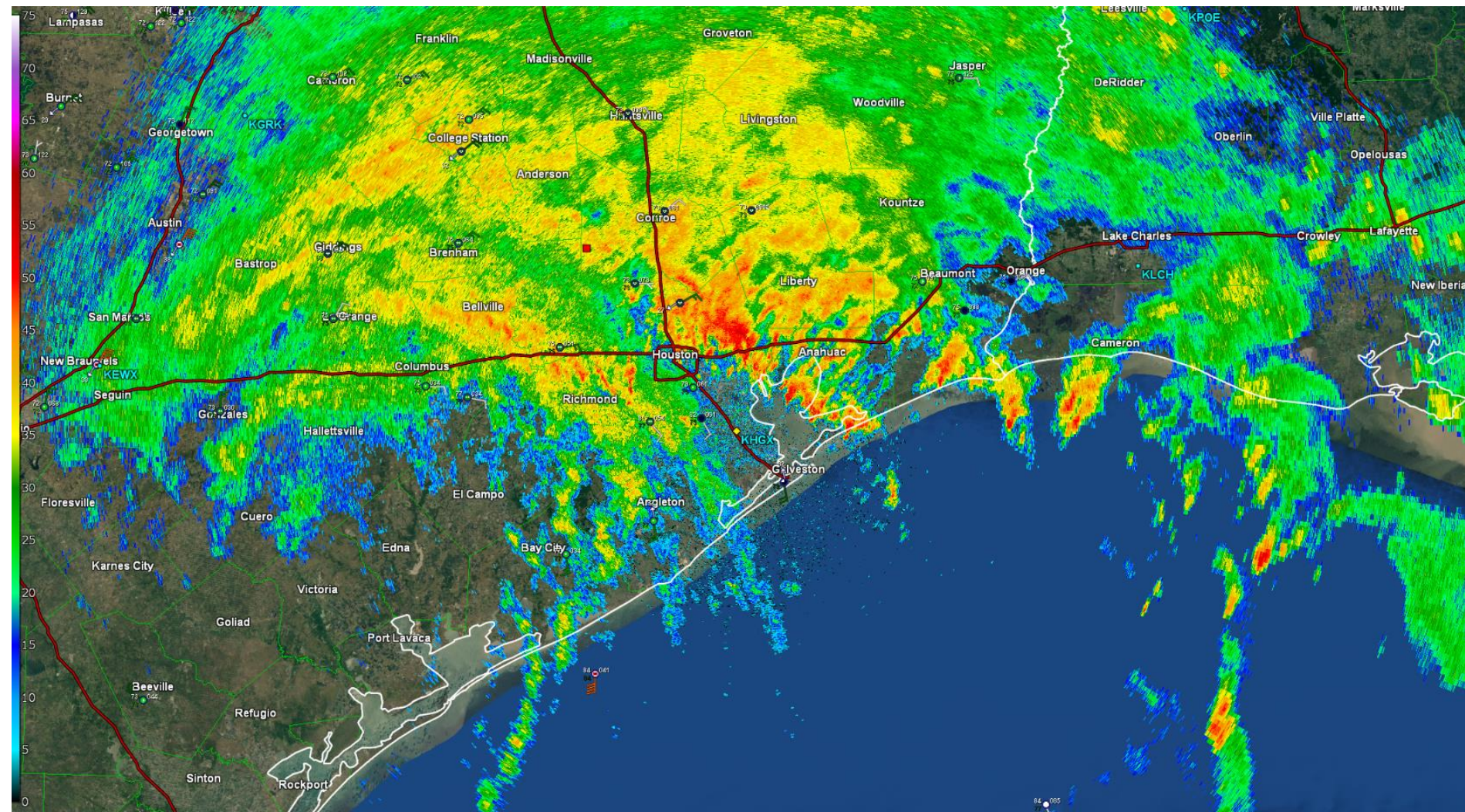
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Latest Radar as of 310 PM

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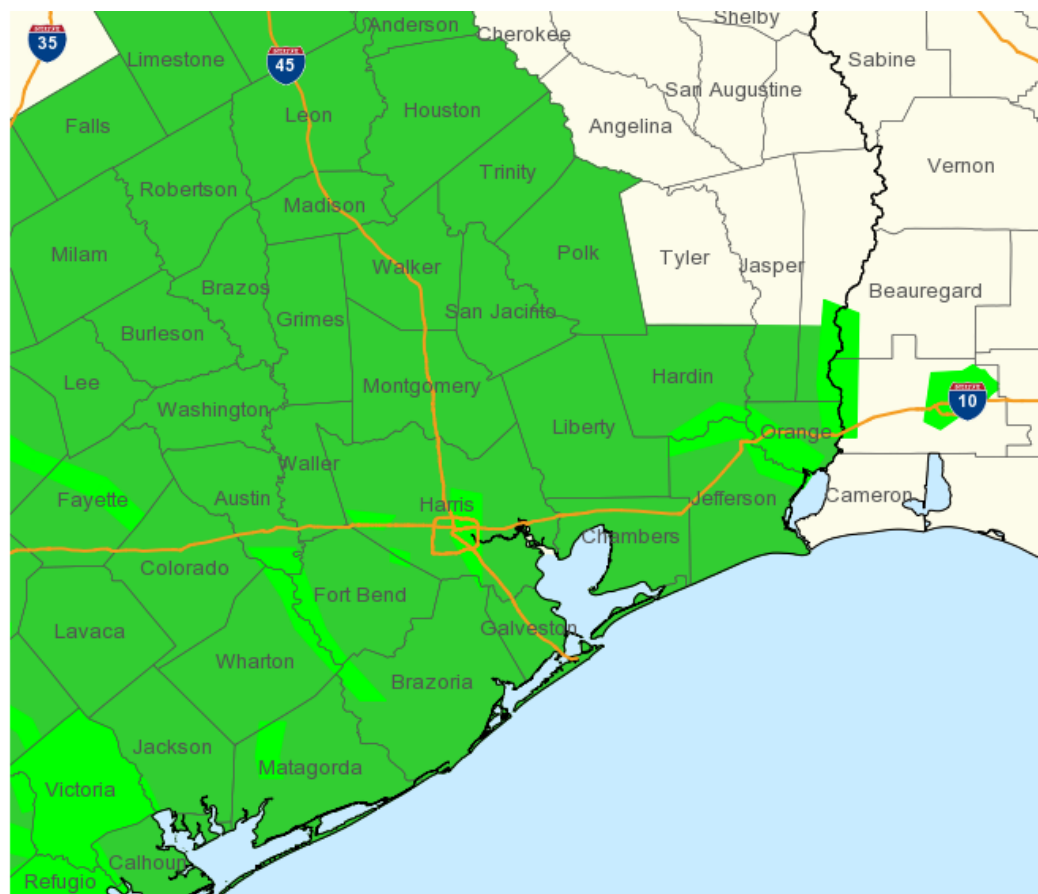


Watches and Warnings (continued)

National Weather Service Houston/Galveston

- **Flash Flood Watch** is in effect for all of our forecast area
- Flash flood threat in effect until further notice, likely until at least Wednesday
- Watch means potential for continued life threatening flooding; stay alert for warnings/emergencies.

■ Flood Warning
■ Flash Flood Watch
■ Areal Flood Advisory



Graphic Created
August 26th, 2017
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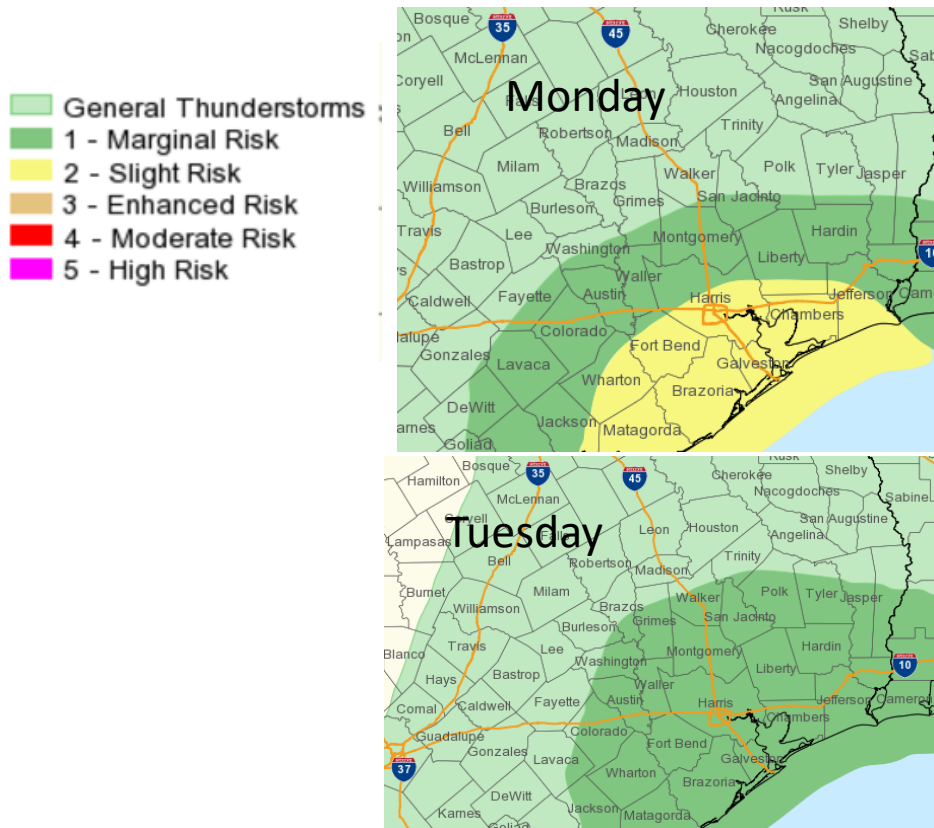


Tornadoes: Slight Risk Through at Least Monday

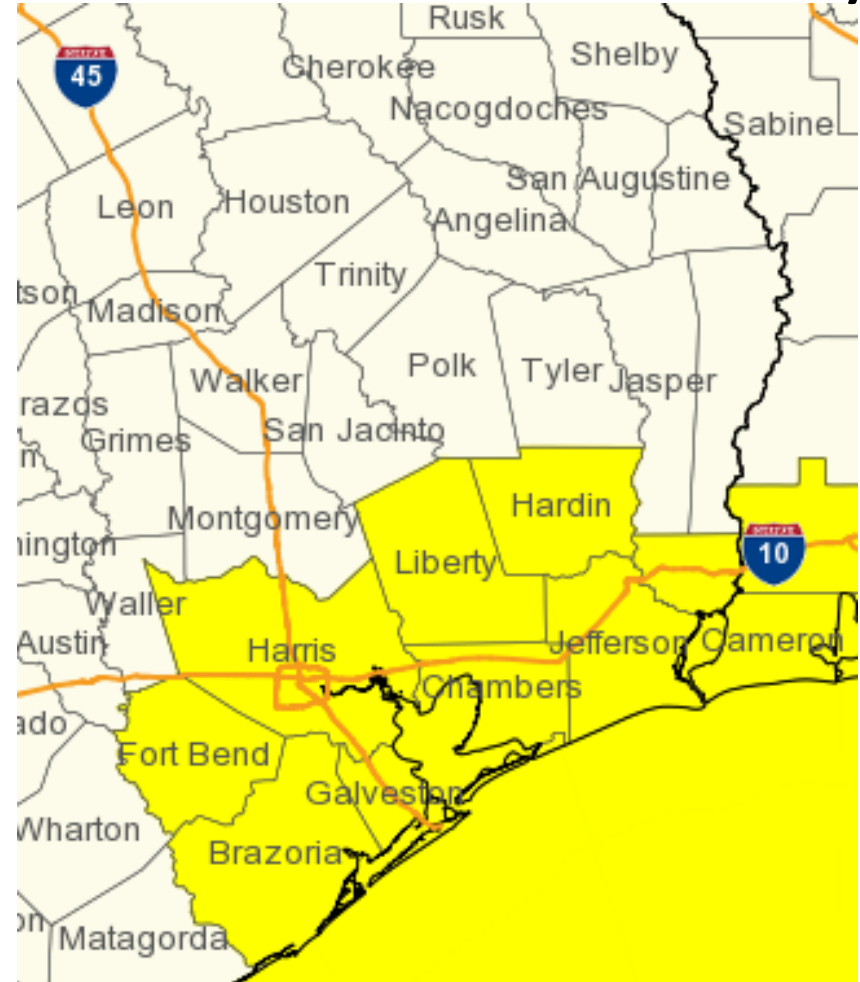
National Weather Service Houston/Galveston

- Threat of tornadoes in spiral bands through at least Tuesday

Convective Outlooks for:



Tornado Watch Until 2 am Monday



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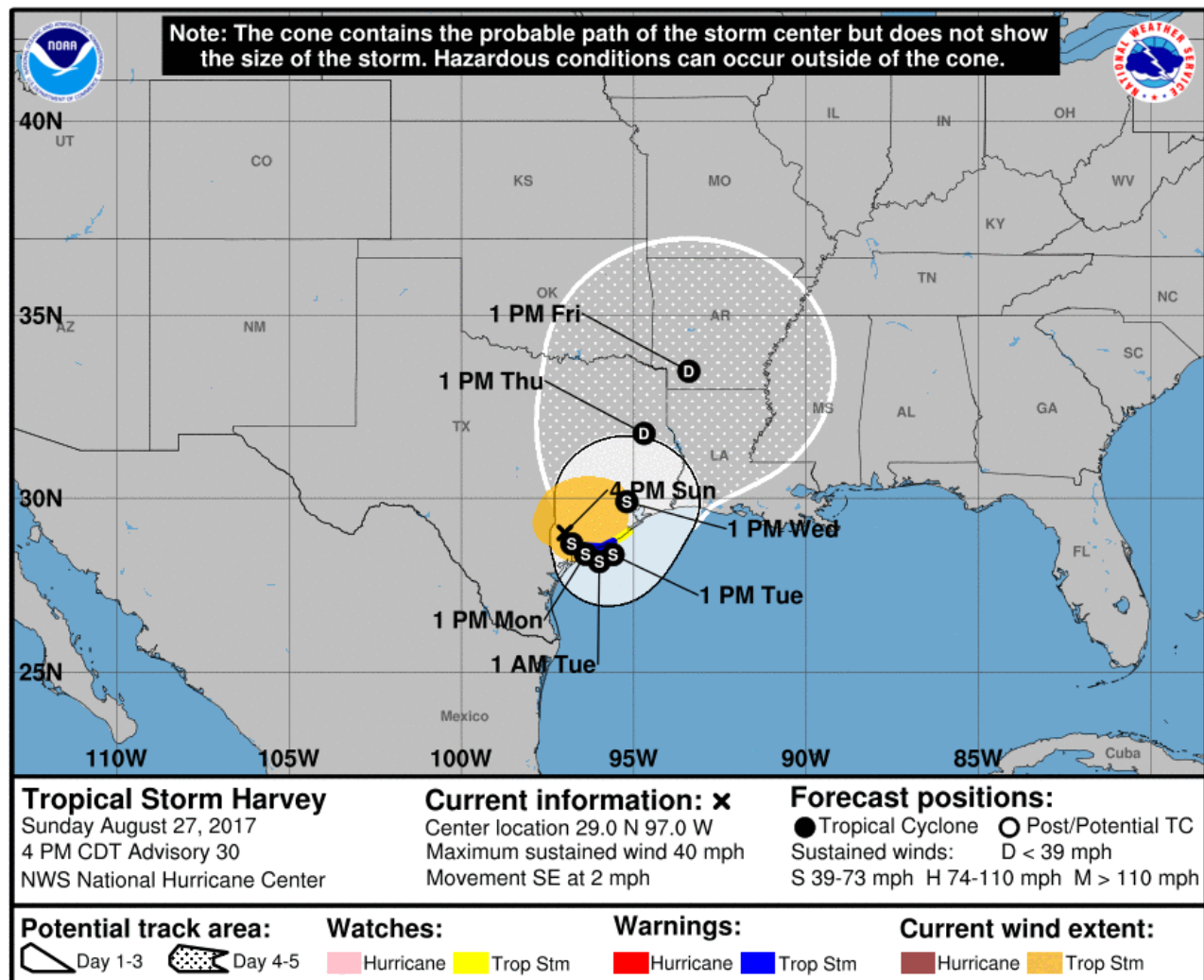
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Forecast Track into Fri Morning

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- Tropical Storm Harvey forecast to drift southeast to just off the coast on Monday then turn NE and lift north of the area on Thursday
- That should finally end the heavy rain threat



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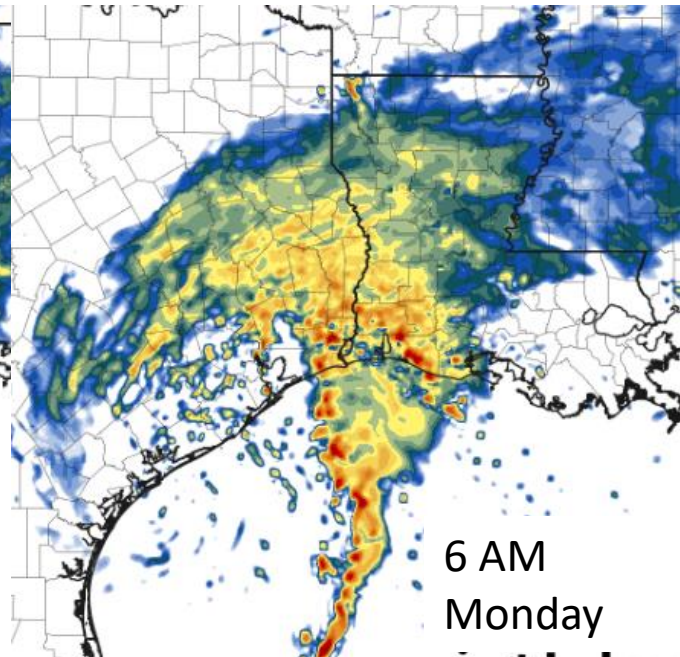
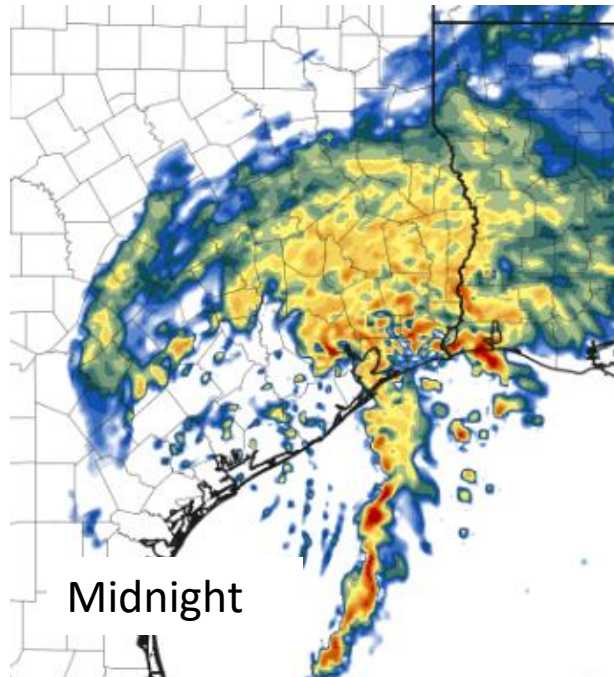
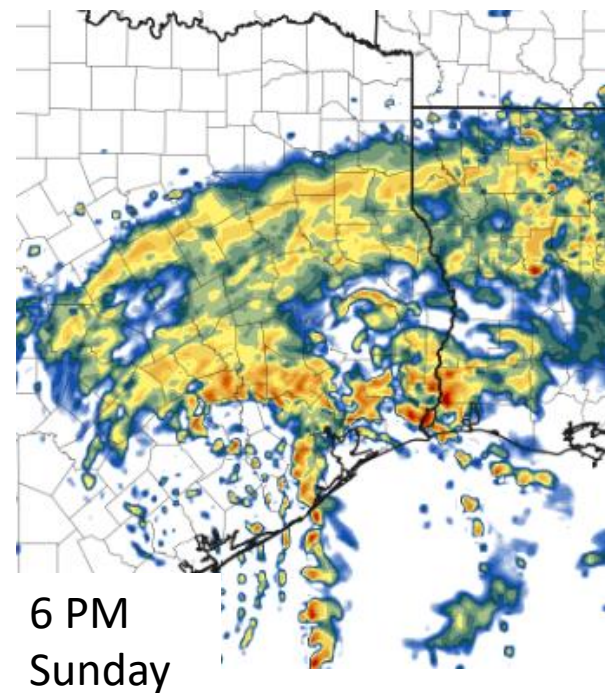
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Hires Model Forecast (Today)

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HRRR Simulated Radar Reflectivity



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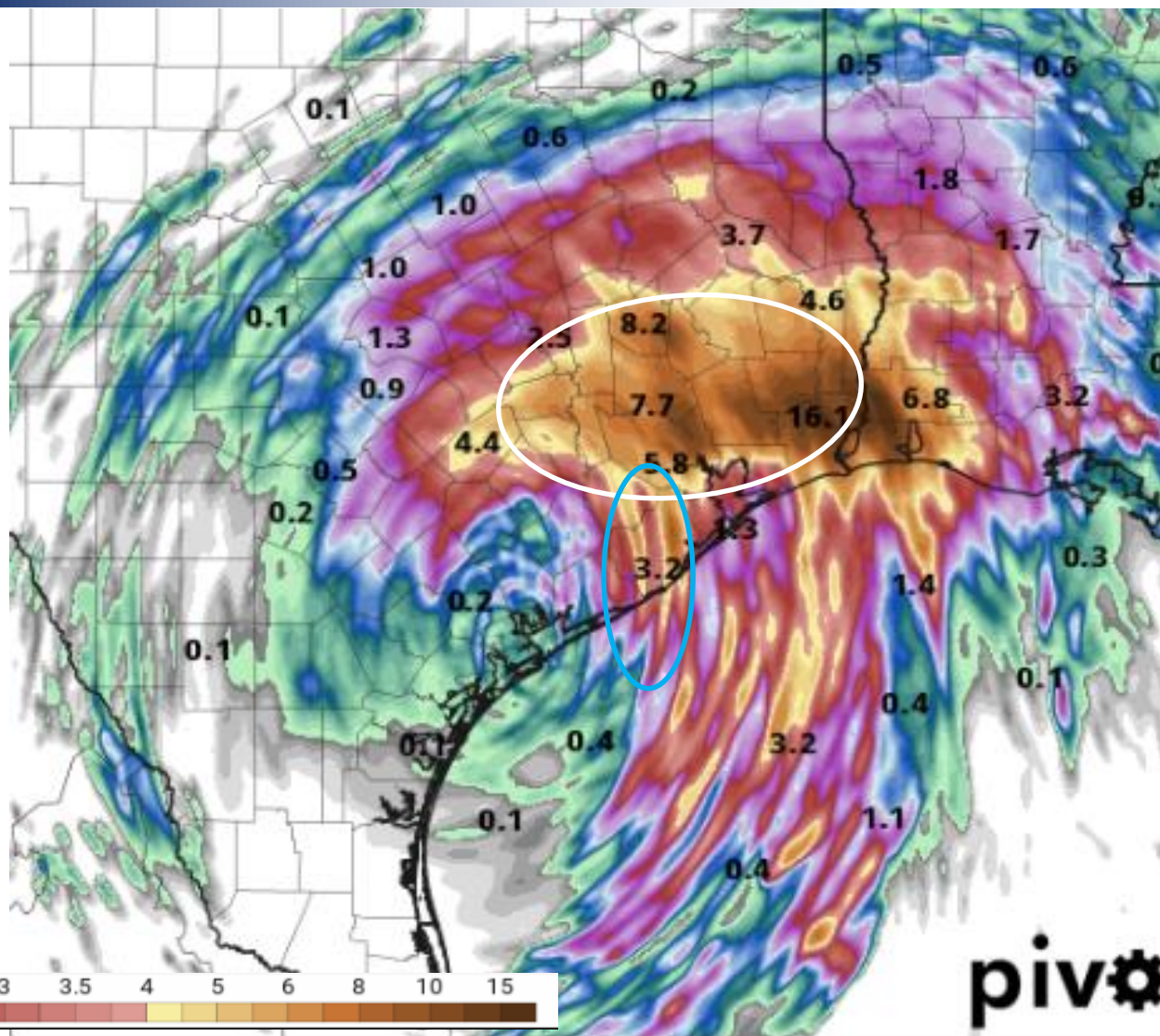


Rainfall This Afternoon and Tonight from High Resolution Model

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Several inches of additional rain possible in white circled area (6 to 10+)

4 to 7+ inches additional in heavier bands feeding in from south (blue)



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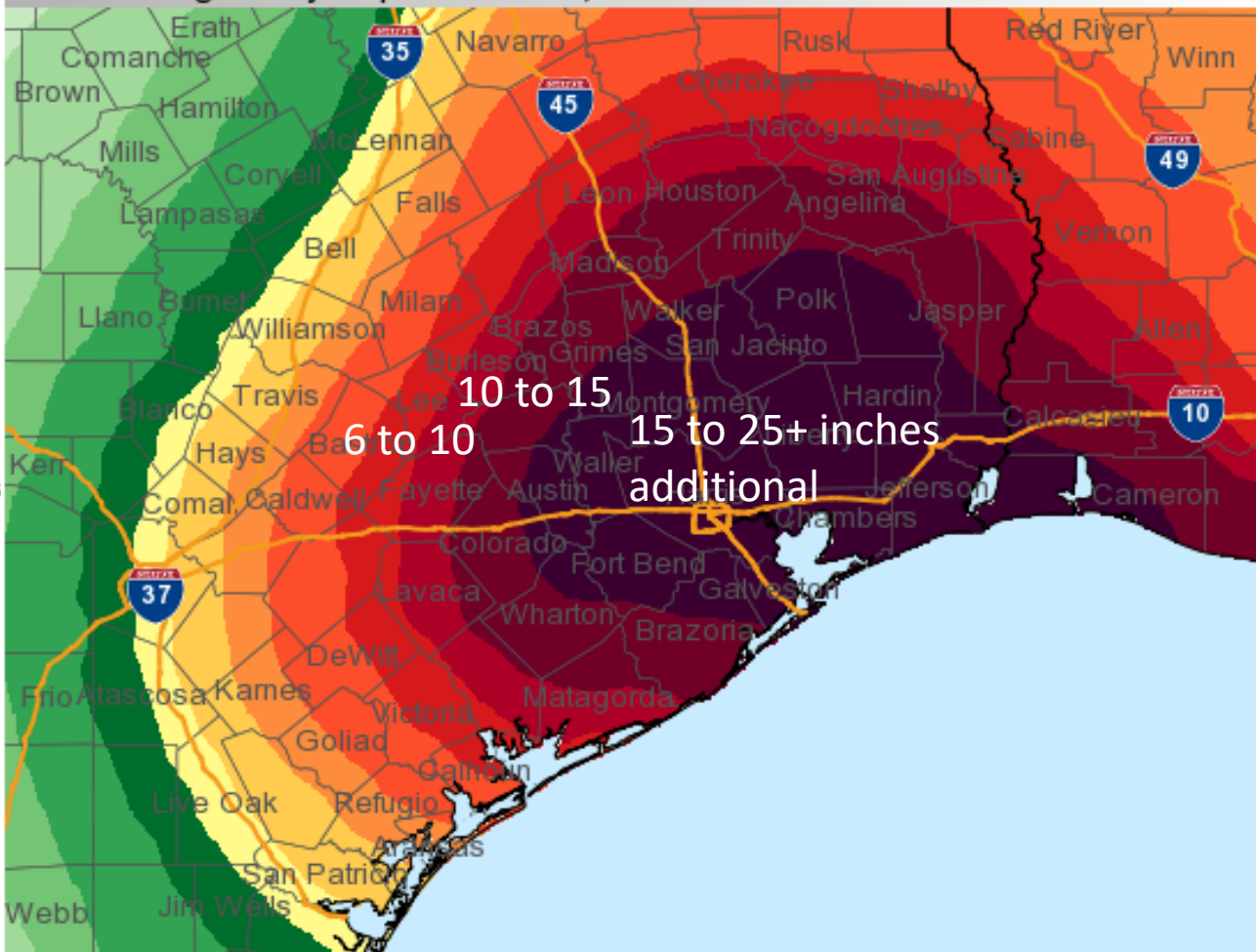
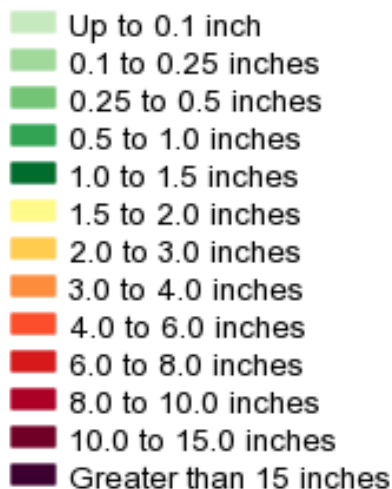


Forecast Additional Rainfall (5 Day)

Forecast Precipitation

National Weather Service

Valid Ending Friday September 1st, 2017 at 1 PM CDT



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August 27th, 2017
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Harvey Update – **Catastrophic** Flooding

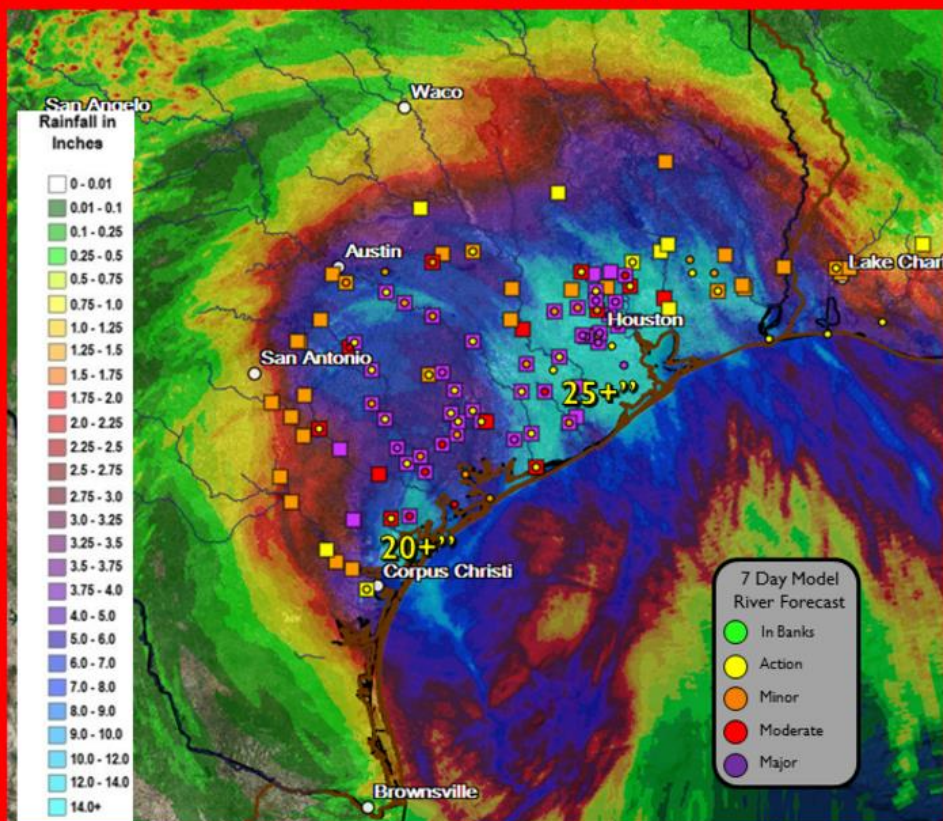
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West Gulf River Forecast Center

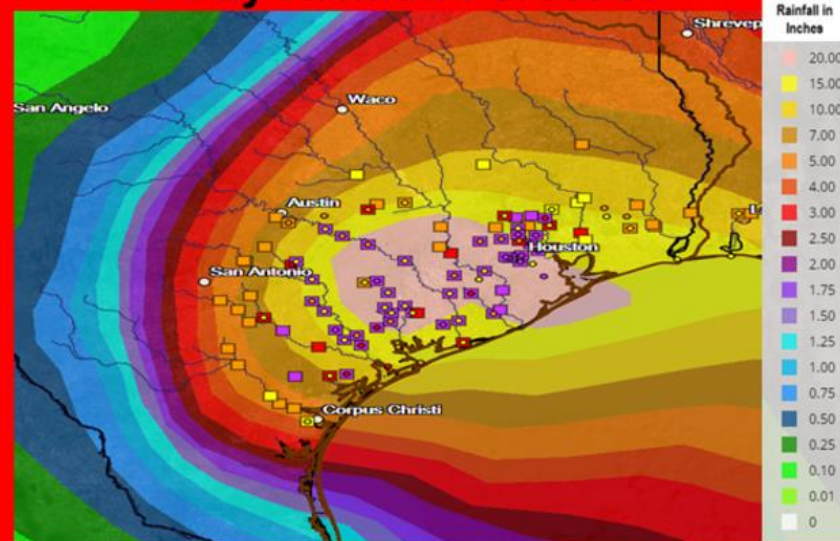
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48 Hour Rainfall Totals



7 Day Rainfall Forecast



- Rainfall amounts of 25+ inches have been reported in Galveston and Harris and Liberty in the Houston Metro
- 7 Day Rainfall Forecast of 20+ inches
- Rivers are on the rise and **Major to Record Flooding** is forecast



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