



# Hurricane Beryl Update

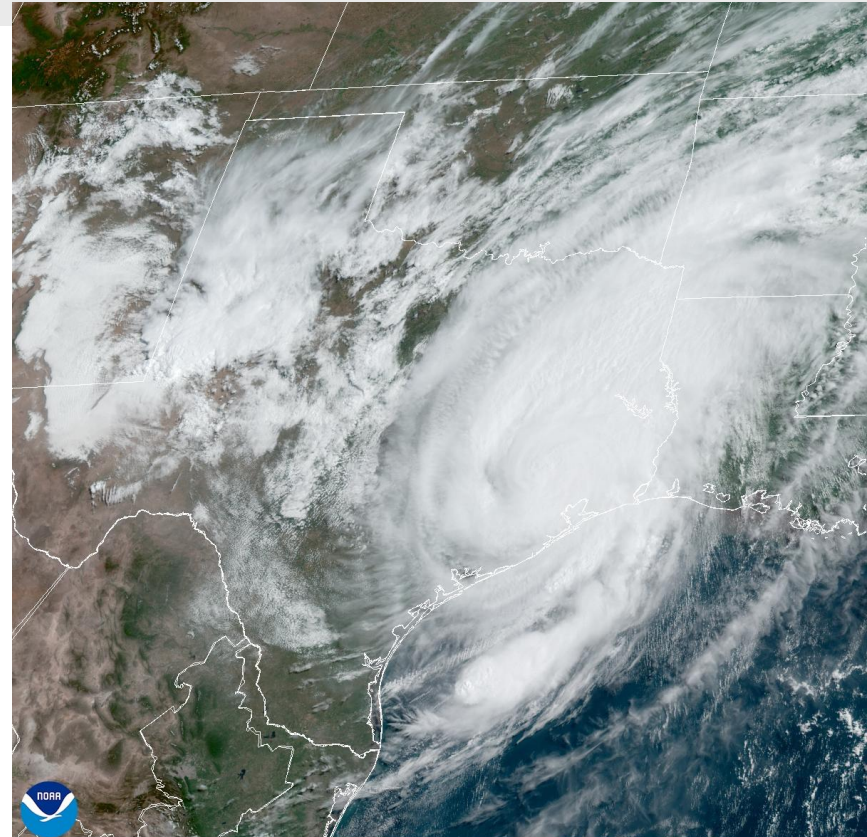
11:30 AM Monday, July 8th, 2024

NWS Houston/Galveston



# Situation Overview: Emphasis on What Has Changed

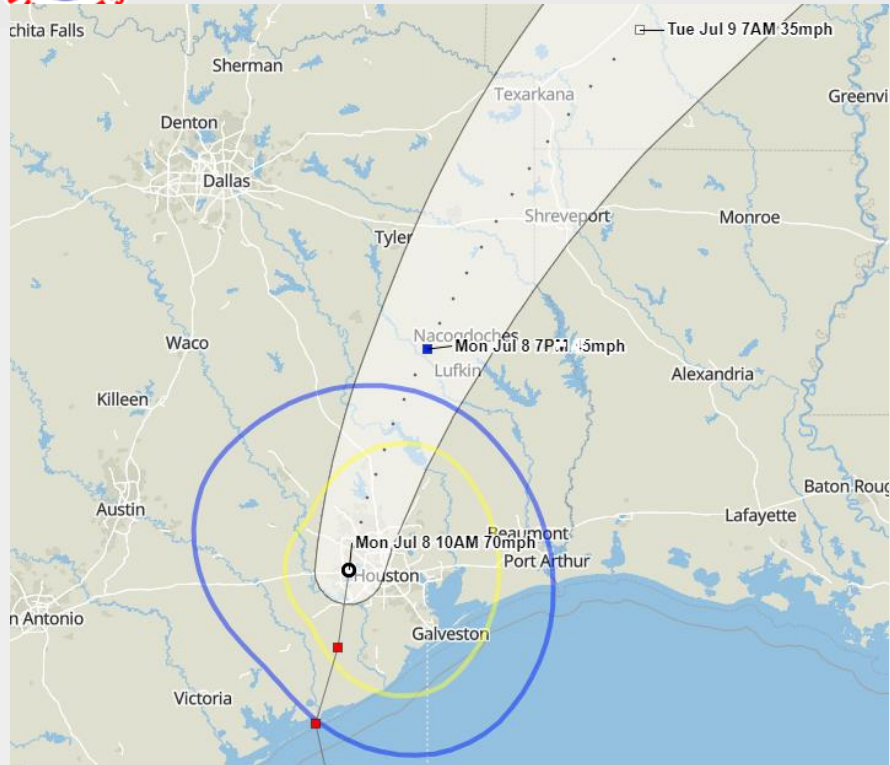
- Beryl has now weakened to a high end tropical storm. Still getting some wind gusts to near hurricane force near the center.
- Currently rated as a tropical storm just below hurricane status, sustained winds 70 mph.
- Flood, wind and tornado threat gradually decreasing from south to north as Beryl tracks to the north today.
- Numerous wind, flood, surge and tornado watches and warnings remain in effect!



08 Jul 2024 15:26Z - NOAA/NESDIS/STAR - GOES-East - GEOCOLOR Composite - SP



# Tropical Storm Beryl



## TROPICAL STORM BERYL - Monday, July 8, 2024 10AM CDT Advisory #40

Center Location: 29.8 N 95.7 W Maximum Sustained Winds: 70 mph Movement: 13 mph NNE

Wind Field: at current location Potential Track Area: 1-3 day 4-5 day

Sustained Wind Speed: tropical storm  $\geq 34$ kt/39mph strong tropical storm  $\geq 50$ kt/58mph hurricane  $\geq 64$ kt/74mph

Map shows track of now Tropical Storm Beryl moving NNE then NE and accelerating over next day or so.

Areas in yellow having strong tropical storm force winds generally 60 mph or greater with a few gusts near hurricane force as of 10 am.

Area of tropical storm force winds as of 10 am bounded by the blue line.

Will see these higher winds lift north with the storm today.

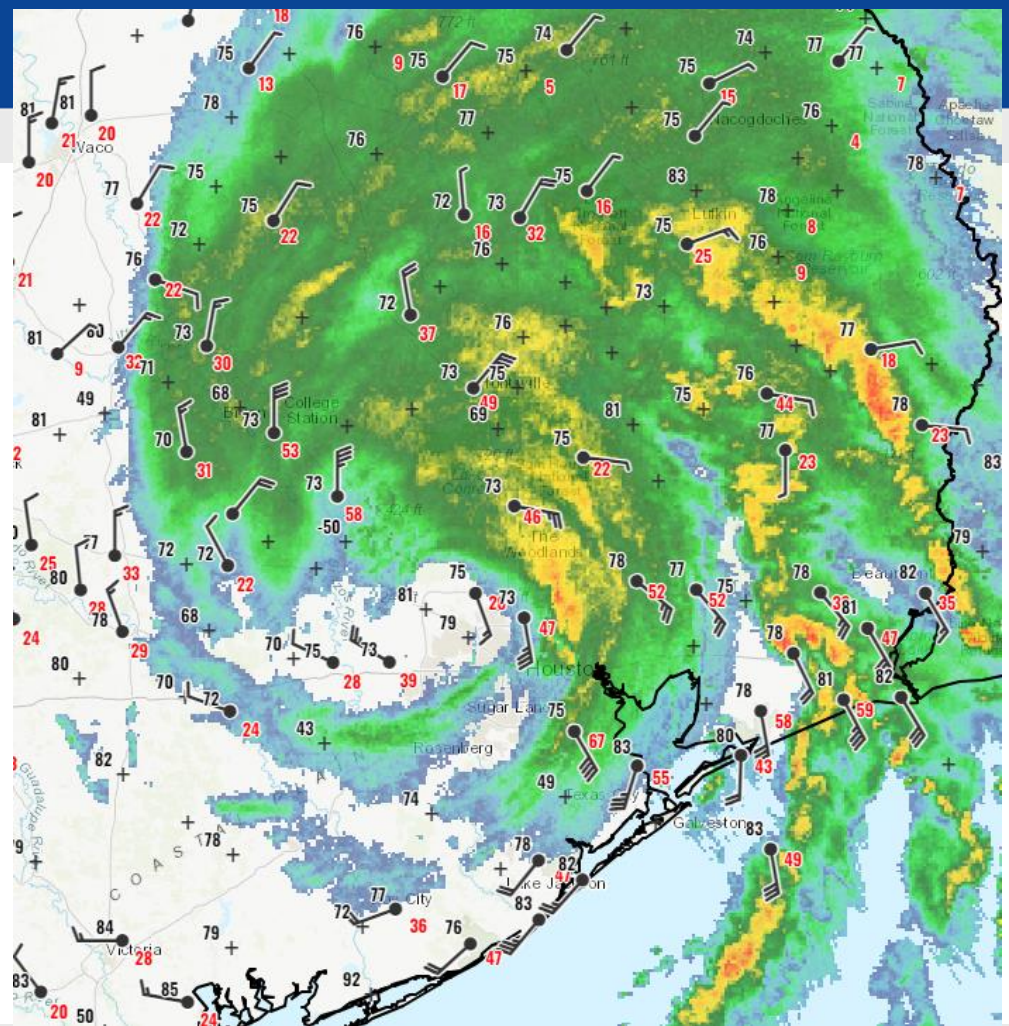


# Radar/Observations

Tropical Storm Beryl as seen on radar offshore.

Wind gust speed shown in red.  
Wind direction from the direction the barbs are pointing.

Major impacts/damage from winds, heavy rainfall, storm surge being reported across the area.





# Watches and Warnings

## Watch/Warning Summary

Flood Watch and Tropical Storm Warnings in effect for all areas. Hurricane Warnings have been discontinued.

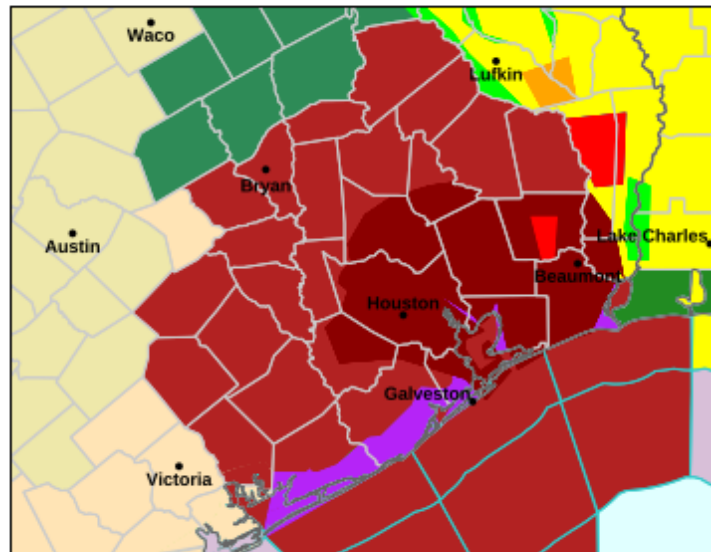
Storm Surge Warning remains in effect for coastal zones.

Tornado Watch in effect for eastern zones.

Flash Flood Warnings in effect for several counties.

For details check [weather.gov/houston](https://weather.gov/houston)

Click a location below for detailed forecast.



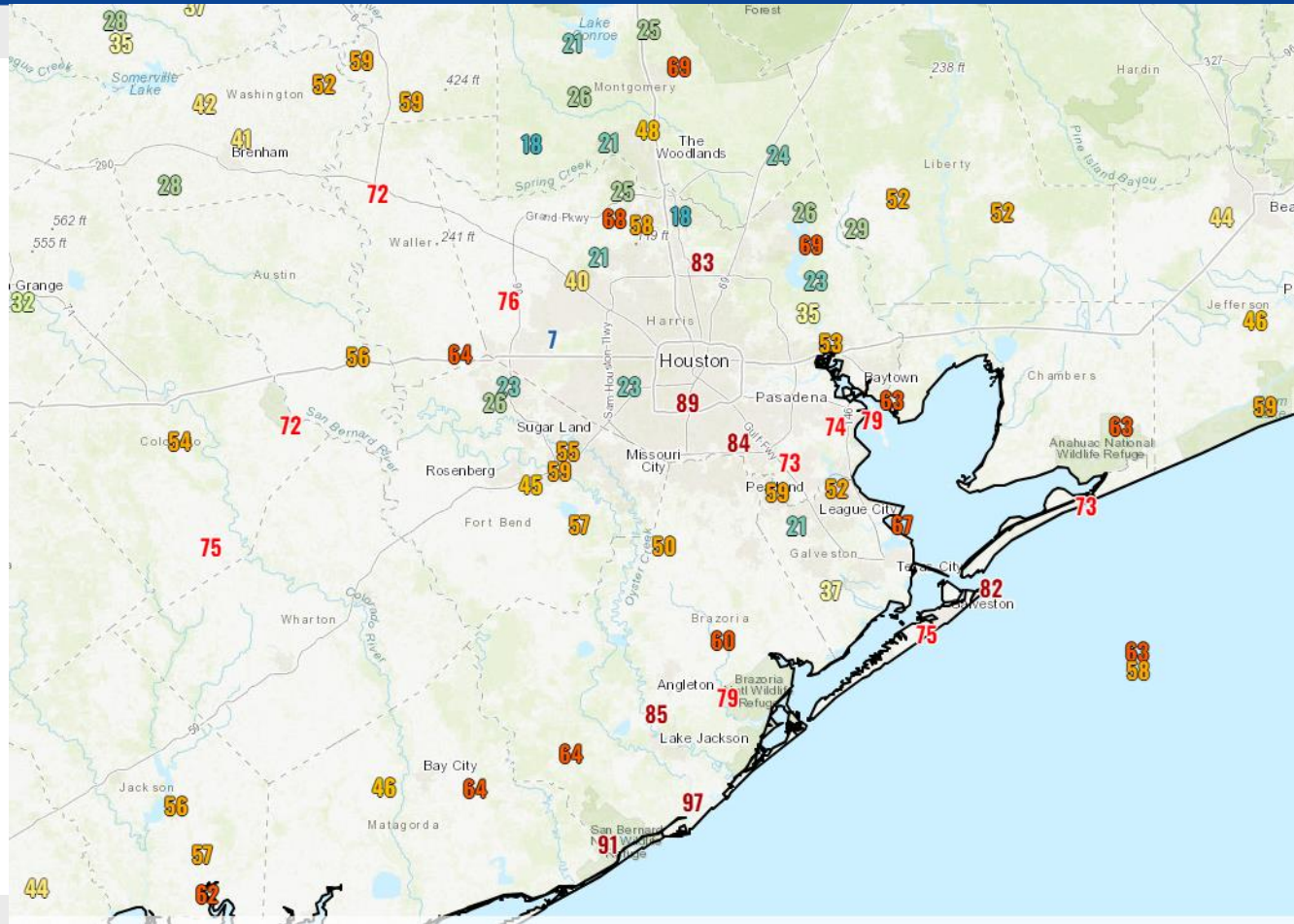
Last Map Update: Mon, Jul 8, 2024 at 11:04:24 am CDT



# Max Wind Gusts Unofficial

Several reported gusts over hurricane force.

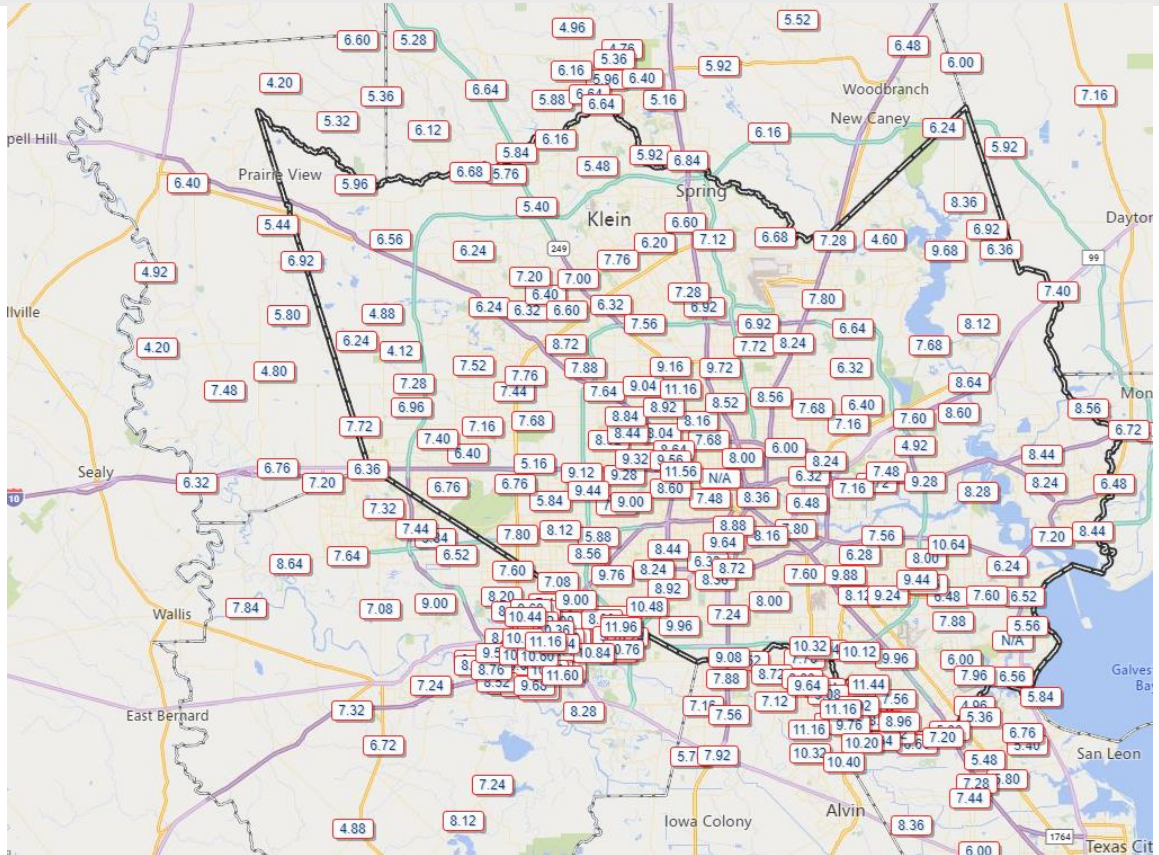
Highest reported gust 97 mph.





# 24 Hour Rainfall (Some Higher Amounts Not Shown)

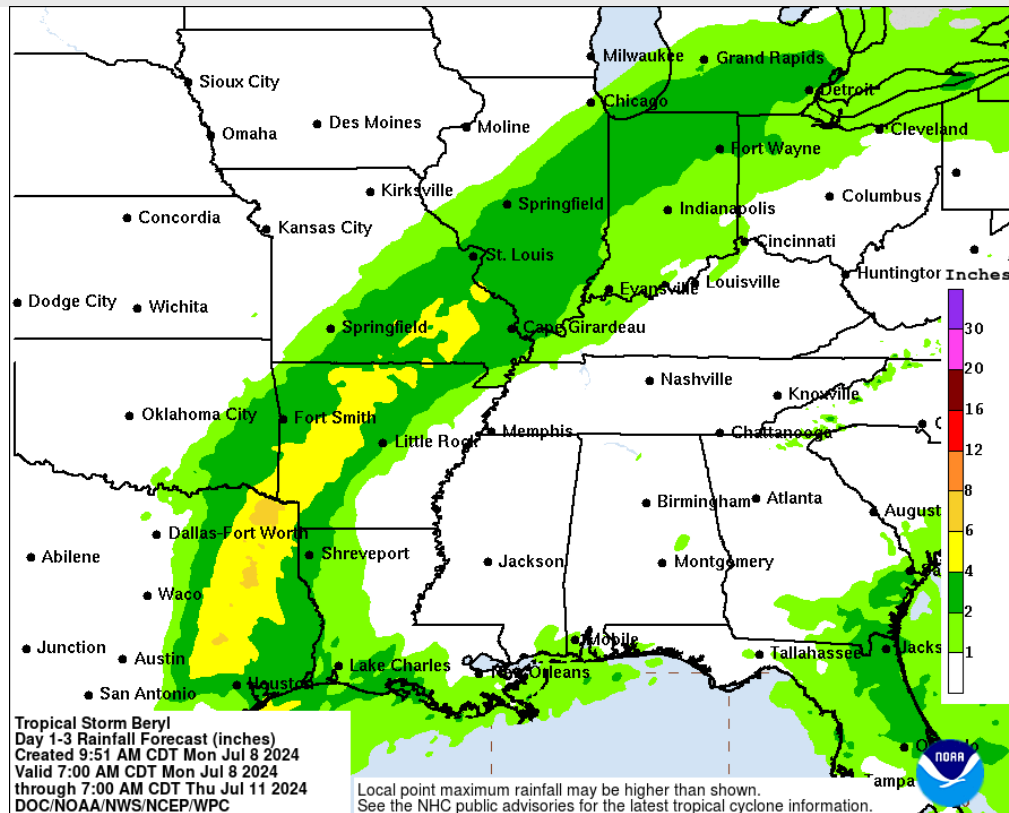
Rainfall mainly in the 5 to 10 inch range with some higher amounts up to 12 inches.





# Forecast Additional Rainfall

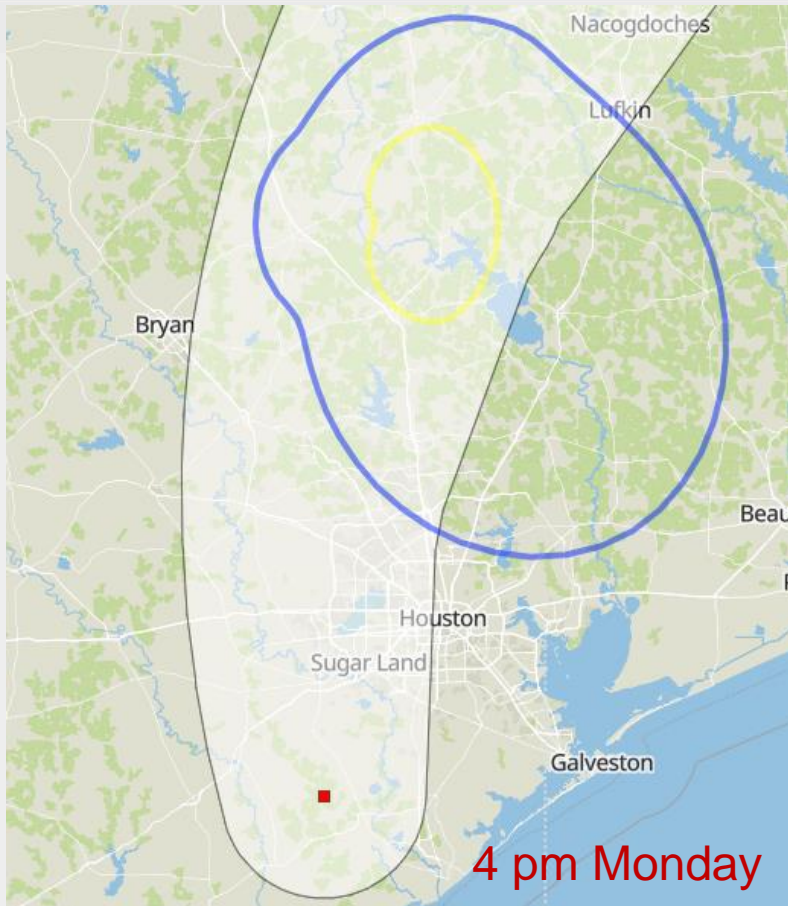
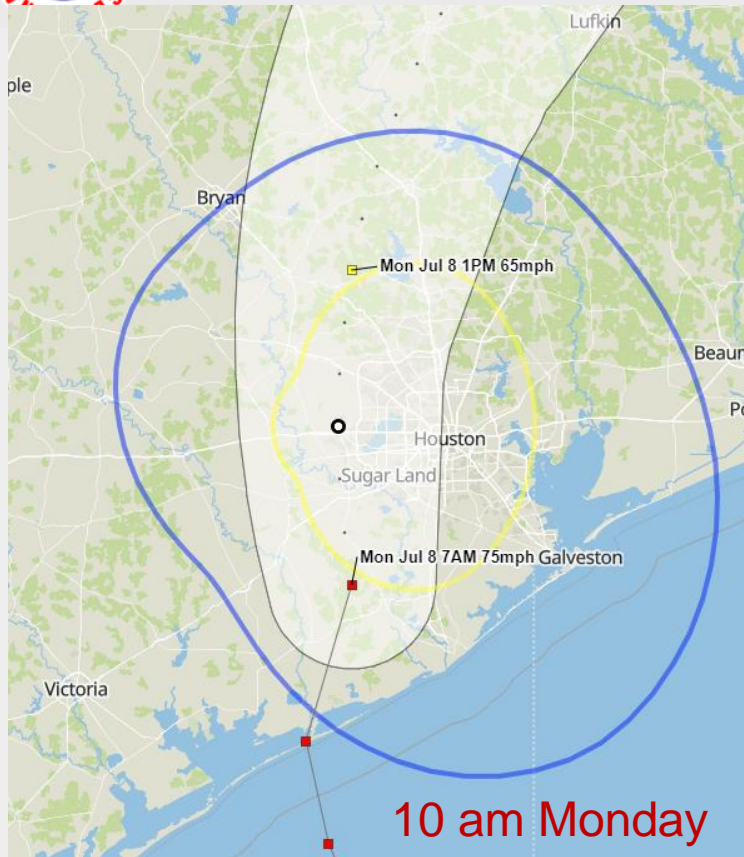
Another 4 to 6 inches possible northern counties, 1 inch or less south of Beryls current position.







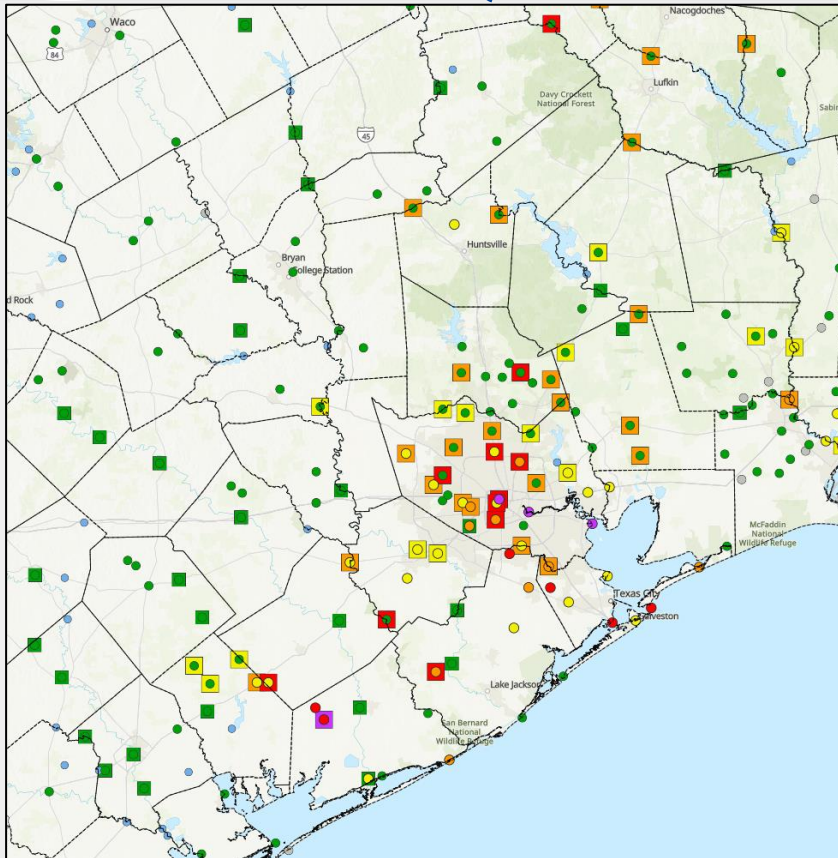
# Wind Radii, Timing, Cone: Note Higher Winds Lifting N





# River Forecasts

## 48-Hour QPF



Widespread river/bayou flooding is ongoing.

- Minor river flooding is expected along the Trinity River.
- Minor to Major flooding is ongoing along the Harris County Bayous, including Brays, White Oak, Buffalo, Greens Bayous, as well as Clear Creek. Minor flooding is also expected on Cypress Creek
- Action to Moderate flooding is forecast on the San Jacinto River.
- Action is expected on the Brazos River.
- Minor to Moderate flooding is expected on the San Bernard Rivers.
- Major flooding is forecast on the Tres Palacios.
- Action to Moderate flooding is expected on the Lavaca/Navidad.

Forecast inundation maps are available on [water.noaa.gov](https://water.noaa.gov). You can also email [sr-hgx.ops@noaa.gov](mailto:sr-hgx.ops@noaa.gov) and [katie.landry@noaa.gov](mailto:katie.landry@noaa.gov) to request targeted maps for your area.



# Local Resources

Next Briefing:  
July 7<sup>th</sup> 05:00 PM CDT  
Method: Email



**Web:** [weather.gov/houston](http://weather.gov/houston)



**Phone:** 281-337-5074



**E-mail:** [sr-hgx.nws@noaa.gov](mailto:sr-hgx.nws@noaa.gov)



**Facebook:** [facebook.com/NWSHouston/](https://facebook.com/NWSHouston/)



**Twitter:** [twitter.com/NWSHouston](https://twitter.com/NWSHouston)



**YouTube:** [youtube.com/nwshouston](https://youtube.com/nwshouston)