

# Hurricane Forecast Graphics

The National Hurricane Center (NHC) in Miami, FL is responsible for issuing tropical cyclone watches and warnings for the United States. For the local area these forecasts are coordinated with and communicated by the Houston/Galveston Weather Forecast Office. Follow the websites to the right and the forecast products below to stay informed during the hurricane season.

## Weather Information

National Weather Service  
[www.weather.gov/houston](http://www.weather.gov/houston)  
National Hurricane Center  
[www.hurricanes.gov](http://www.hurricanes.gov)



## Graphical Tropical Weather Outlook

- Provides an overview of all tropical cyclone activity.
- Indicates areas of interest where tropical cyclones could develop over next 5 days. A percent chance that it will develop is assigned.
- Moving the cursor over the highlighted areas will provide a more detailed text description.



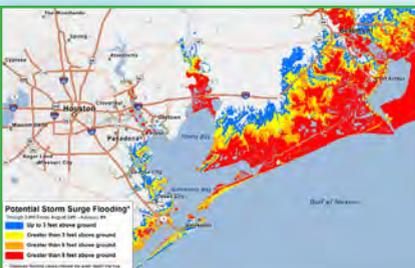
## NHC Forecast Advisory

- Most recent position for a storm along with all coastline watches and warnings. Includes a 3 or 5 day track with error cone.
- Error cone represents a 5 year average error. The center of the storms only stays within the error cone 67% of the time.
- DO NOT focus too closely on the exact track forecast - the little black line. If you are in or near the cone, the center of the storm could head your way. Impacts are often felt well outside the cone.



## Tropical Storm Wind Time of Arrival Graphic

- Graphic shows estimated time of arrival of tropical storm force winds, both most likely time and earliest reasonable time.
- Designed to account for forecast uncertainty.
- May be useful for evacuation planning.



## Potential Surge Inundation Graphic

- Issued by National Hurricane Center about 48 hours prior to impacts being felt at the coast.
- Shows reasonable worst case for storm surge flooding, inundation. Data is plotted as depth of water above ground.
- Storm Surge watch/warning also may be issued. See page 3 in this guide for more information on storm surge and related products.