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BULLETIN

Tropical Storm Harvey Advisory Number 40
NWS National Hurricane Center Miami FL AL092017
400 AM CDT Wed Aug 30 2017

...HARVEY MAKES LANDFALL JUST WEST OF CAMERON LOUISIANA...
...FLOODING RAINS DOUSING EXTREME SOUTHEASTERN TEXAS AND
SOUTHWESTERN LOUISIANA...

SUMMARY OF 400 AM CDT...0900 UTC...INFORMATION

LOCATION...29.8N 93.4W
ABOUT 5 MI...10 KM W OF CAMERON LOUISIANA
ABOUT 30 MI...50 KM ESE OF PORT ARTHUR TEXAS
MAXIMUM SUSTAINED WINDS...45 MPH...75 KM/H
PRESENT MOVEMENT...NNE OR 30 DEGREES AT 7 MPH...11 KM/H
MINIMUM CENTRAL PRESSURE...990 MB...29.24 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning and Storm Surge Watch have been discontinued from High Island, Texas, westward.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

* Holly Beach Louisiana to Morgan City Louisiana

A Storm Surge Watch is in effect for...

* East of High Island Texas to west of Holly Beach Louisiana

A Tropical Storm Warning is in effect for...

* East of High Island Texas to Grand Isle Louisiana

Catastrophic and life-threatening flooding continues in southeastern Texas and portions of southwestern Louisiana. Please see warnings and other products issued by your local National Weather Service office for additional information on this life-threatening situation.

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, during the next 12 hours in the indicated locations. For a

depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 400 AM CDT (0900 UTC), the center of Tropical Storm Harvey was located just inland near latitude 29.8 North, longitude 93.4 West. Harvey is moving toward the north-northeast near 7 mph (11 km/h). A north-northeastward and then northeastward motion at a faster forward speed is expected through Thursday night. On the forecast track, the center of Harvey will move across the Lower Mississippi Valley and Tennessee Valley through Thursday.

Maximum sustained winds are near 45 mph (75 km/h) with higher gusts. Gradual weakening is forecast now that the center has crossed the coast, and Harvey is expected to become a tropical depression by tonight.

Tropical-storm-force winds extend outward up to 80 miles (130 km) from the center.

Surface observations indicate that the estimated minimum central pressure is 990 mb (29.24 inches).

HAZARDS AFFECTING LAND

RAINFALL: Harvey is expected to produce additional rainfall accumulations of 3 to 6 inches from southwestern Louisiana and the adjacent border of eastern Texas northeastward into western Kentucky through Friday with isolated amounts up to 10 inches. While the threat of heavy rains has ended in the Houston/Galveston area, catastrophic and life-threatening flooding will continue in and around Houston eastward into southwest Louisiana for the rest of the week. The expected heavy rains spreading northeastward from Louisiana into western Kentucky may also lead to flash flooding and increased river and small stream flooding. **DO NOT ATTEMPT TO TRAVEL IN THE AFFECTED AREA IF YOU ARE IN A SAFE PLACE. DO NOT DRIVE INTO FLOODED ROADWAYS.** Please see warnings and products issued by your local National Weather Service office for additional information on this life-threatening situation.

Elsewhere, the outer bands of Harvey are expected to produce additional rainfall amounts of 3 to 6 inches over portions of the central and eastern Gulf States and 2 to 4 inches farther north into parts of the Tennessee Valley through Friday. These rains may lead to flooding concerns across these areas.

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A list of rainfall observations compiled by the NOAA Weather Prediction Center can be found at:
www.wpc.ncep.noaa.gov/discussions/nfdsccl.html

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water is expected to reach the following heights above ground if the peak surge occurs at the time of high tide...

Holly Beach to Morgan City...2 to 4 ft
San Luis Pass to west of Holly Beach incl. Galveston Bay...1 to 3 ft
Morgan City to Grand Isle...1 to 2 ft

The deepest water will occur along the immediate coast near the area of onshore winds. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND: Tropical storm conditions are occurring over portions of the warning area along the coast and are likely to persist through today.

SURF: Swells generated by Harvey are still affecting the coasts of Texas and Louisiana. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: A few tornadoes are possible today and tonight over parts of Louisiana, Mississippi, southern Alabama, and southeast Arkansas.

NEXT ADVISORY

Next intermediate advisory at 700 AM CDT.
Next complete advisory at 1000 AM CDT.

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Forecaster Berg