Tropical Storm CINDY QuickLook
Posted: 17:00 CDT 06/20/2017

NOAA and NOAA Partnership Stations Relative to the Storm

Storm Analysis
As of 06/20/2017 17:00 CDT, water levels along the central Gulf of Mexico coast are elevated and range between 0.70 to 3.50 ft above normal tide levels. The highest water level residuals are at Pilottown, LA and Shell Beach, LA where water levels are 2.5 ft and 3.5 ft above tide predictions respectively. Winds are beginning to increase, with the highest speeds recorded around the "bird's foot" of Louisiana. Barometric pressure is beginning to fall across the region.
Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: AC

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CINDY ADVISORY NUMBER 5
NWS NATIONAL HURRICANE CENTER MIAMI FL
400 PM CDT TUE JUN 20 2017

...CINDY MEANDERING OVER THE CENTRAL GULF...
...HEAVY RAINFALL COULD PRODUCE LIFE-THREATENING FLASH FLOODING ACROSS PORTIONS OF THE NORTHERN GULF COAST...

WATCHES AND WARNINGS
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CHANGES WITH THIS ADVISORY:

THE TROPICAL STORM WARNING HAS BEEN EXTENDED WESTWARD TO SAN LUIS PASS, TEXAS.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* SAN LUIS PASS TO THE MOUTH OF THE PEARL RIVER

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA, IN THIS CASE WITHIN THE NEXT 24 TO 36 HOURS.

INTERESTS ELSEWHERE ALONG THE U.S. GULF COAST FROM THE CENTRAL TEXAS COAST TO THE WESTERN FLORIDA PANHANDLE SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

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
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AT 400 PM CDT, THE CENTER OF TROPICAL STORM CINDY WAS LOCATED ABOUT 280 MI S OF MORGAN CITY LOUISIANA. CINDY HAS BEEN NEARLY STATIONARY FOR THE PAST SEVERAL HOURS, BUT A NORTHWESTWARD MOTION IS EXPECTED TO RESUME TONIGHT AND CONTINUE THROUGH WEDNESDAY. A TURN TOWARD THE NORTH-NORTHWEST AND THEN TOWARD THE NORTH IS EXPECTED WEDNESDAY NIGHT AND EARLY THURSDAY. ON THE FORECAST TRACK, THE CENTER OF CINDY WILL APPROACH THE COAST OF SOUTHWEST LOUISIANA AND SOUTHEAST TEXAS LATE WEDNESDAY AND WEDNESDAY NIGHT, AND MOVE INLAND OVER SOUTHEASTERN TEXAS ON THURSDAY.
MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. SOME SLIGHT STRENGTHENING IS EXPECTED DURING THE NEXT 24 HOURS.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 205 MILES FROM THE CENTER, MAINLY TO THE NORTH AND EAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 999 MB.

HAZARDS AFFECTING LAND
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RAINFALL: CINDY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 6 TO 9 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES OVER SOUTHEASTERN LOUISIANA, SOUTHERN MISSISSIPPI, SOUTHERN ALABAMA, AND THE FLORIDA PANHANDLE THROUGH THURSDAY. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODING IN THESE AREAS.

RAINFALL AMOUNTS OF 3 TO 5 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES CAN BE EXPECTED FARThER WEST ACROSS SOUTHWEST LOUISIANA INTO SOUTHEAST TEXAS THROUGH THURSDAY.

WIND: TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST WITHIN THE WARNING AREA LATER TODAY AND SPREAD WESTWARD WITHIN THE WARNING AREA THROUGH EARLY THURSDAY.

STORM SURGE: INUNDATION OF 1 TO 3 FEET ABOVE GROUND LEVEL IS POSSIBLE ALONG THE COAST IN PORTIONS OF THE TROPICAL STORM WARNING AREA.

TORNADOES: ISOLATED TORNADOES ARE POSSIBLE THIS EVENING AND TONIGHT FROM SOUTH-CENTRAL LOUISIANA TO THE WESTERN FLORIDA PANHANDLE.

NEXT ADVISORY
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NEXT INTERMEDIATE ADVISORY AT 700 PM CDT.
NEXT COMPLETE ADVISORY AT 1000 PM CDT.

FORECASTER BRENNAAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Pilottown - Water Level, Pilottown - Winds, Pilottown - Barometric, Shell Beach - Water Level, Shell Beach - Winds, Shell Beach - Barometric, Bay Waveland Yacht Club - Water Level, Bay Waveland Yacht Club - Winds, Bay Waveland Yacht Club - Barometric, Pascagoula NOAA Lab - Water Level, Dock C, Port of Pascagoula - Winds, Dock C, Port of Pascagoula - Barometric, Dauphin Island - Water Level, Dauphin Island - Winds, Dauphin Island - Barometric, Mobile State Docks - Water Level, Mobile State Docks - Barometric, Pensacola - Water Level, Pensacola - Barometric, Panama City - Barometric, Panama City - Winds, Panama City - Water Level, Apalachicola - Water Level, Apalachicola - Winds, Apalachicola - Barometric, Grand Isle - Water Level, Grand Isle - Winds,
NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: 1.78 ft. Predicted: -0.90 ft. Residual: 2.68 ft.
Historical Maximum Water Level: n/a
Next High Tide: 06/21/2017 09:02 (CDT), 0.23 ft.

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Wind Speed / Gusts / Direction

Last Observed Sample: 06/20/2017 17:06 (CDT)
Wind Speed: 24 knots Gusts: 35 knots Direction: 48° T
NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Barometric Pressure

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 2.81 ft. Predicted: -0.78 ft. Residual: 3.59 ft.


Next High Tide: 06/21/2017 12:19 (CDT), 0.01 ft.
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Wind Speed / Gusts / Direction

Last Observed Sample: 06/20/2017 17:06 (CDT)
Wind Speed: 30 knots Gusts: 38 knots Direction: 60° T

Barometric Pressure

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1009.9 mb
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: 0.66 ft. Predicted: -1.30 ft. Residual: 1.96 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 06/21/2017 09:46 (CDT), 0.03 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Wind Speed / Gusts / Direction

Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 20 knots Gusts: 23 knots Direction: 61° T
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Barometric Pressure

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1011.5 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: 0.13 ft. Predicted: -1.32 ft. Residual: 1.45 ft.
Historical Maximum Water Level: Sep 1 2008, 4.90 ft.
Next High Tide: 06/21/2017 07:53 (CDT), 0.09 ft.
**NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS**

**Wind Speed / Gusts / Direction**

- **Wind Speed:** 15 knots
- **Gusts:** 20 knots
- **Direction:** 57° T

Last Observed Sample: 06/20/2017 17:12 (CDT)

**Barometric Pressure**

- **Barometric Pressure:** 1011.7 mb

Last Observed Sample: 06/20/2017 17:12 (CDT)
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: 0.47 ft. Predicted: -1.16 ft. Residual: 1.63 ft.
Historical Maximum Water Level: Sep 16 2004, 5.94 ft.
Next High Tide: 06/21/2017 08:35 (CDT), 0.17 ft.

Last Observed Sample: 06/20/2017 17:06 (CDT)
Wind Speed: 29 knots Gusts: 34 knots Direction: 50° T
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Barometric Pressure

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1012.8 mb

NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: -0.12 ft. Predicted: -1.04 ft. Residual: 0.92 ft.
Historical Maximum Water Level: Aug 29 2012, 3.67 ft.
Next High Tide: 06/21/2017 10:17 (CDT), 0.06 ft.
NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1013.8 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: 0.08 ft. Predicted: -1.21 ft. Residual: 1.29 ft.
Historical Maximum Water Level: Sep 18 1926, 7.41 ft.
Next High Tide: 06/21/2017 09:02 (CDT), 0.24 ft.
NOAA/NOS/CO-OPS 8729840 Pensacola, FL

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1013.6 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL

Last Observed Sample: 06/20/2017 17:12 (CDT)
Barometric Pressure: 1014.7 mb
NOAA/NOS/CO-OPS 8729108 Panama City, FL

Last Observed Sample: 06/20/2017 17:12 (CDT)
Wind Speed: 6 knots  Gusts: 8 knots  Direction: 24° T

NOAA/NOS/CO-OPS 8729108 Panama City, FL

Last Observed Sample: 06/20/2017 17:12 (CDT).
Data relative to MHHW
Observed: -0.25 ft.  Predicted: -1.16 ft.  Residual: 0.91 ft.
Next High Tide: 06/21/2017 08:16 (CDT), 0.15 ft.
Last Observed Sample: 06/20/2017 18:06 (EDT). Data relative to MHHW

- Observed: 0.04 ft. Predicted: -1.21 ft. Residual: 1.25 ft.
- Historical Maximum Water Level: Jul 10 2005, 6.43 ft.
- Next High Tide: 06/21/2017 03:47 (EDT), -0.34 ft.

**Wind Speed / Gusts / Direction**

- Last Observed Sample: 06/20/2017 18:06 (EDT)
- Wind Speed: 9 knots Gusts: 11 knots Direction: 106° T
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Barometric Pressure

Last Observed Sample: 06/20/2017 18:06 (EDT)
Barometric Pressure: 1013.6 mb

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: 0.82 ft. Predicted: -1.05 ft. Residual: 1.87 ft.
Historical Maximum Water Level: Aug 29 2012, 4.45 ft.
Next High Tide: 06/21/2017 08:08 (CDT), 0.14 ft.
Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 26 knots  
Gusts: 36 knots  
Direction: 69° T

Last Observed Sample: 06/20/2017 17:06 (CDT)

Barometric Pressure: 1006.9 mb
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: -0.26 ft. Predicted: -0.99 ft. Residual: 0.73 ft.

Historical Maximum Water Level: Sep 12 2008, 5.90 ft.

Next High Tide: 06/21/2017 03:16 (CDT), 0.22 ft.

Last Observed Sample: 06/20/2017 17:06 (CDT)

Wind Speed: 5 knots Gusts: 12 knots Direction: 39° T
NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

Barometric Pressure

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<th>Pressure (mb)</th>
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Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1008.5 mb

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

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<tr>
<th>Date</th>
<th>Time</th>
<th>Height in Feet (MHHW)</th>
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<td>06/21</td>
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Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW

Observed: -0.60 ft. Predicted: -1.98 ft. Residual: 1.38 ft.

Historical Maximum Water Level: Sep 12 2008, 7.98 ft.
Next High Tide: 06/21/2017 02:00 (CDT), -0.03 ft.
NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Wind Speed / Gusts / Direction

Last Observed Sample: 06/20/2017 17:06 (CDT)
Wind Speed: 12 knots Gusts: 18 knots Direction: 39° T

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Barometric Pressure

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1009.8 mb
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: 0.02 ft. Predicted: -1.61 ft. Residual: 1.63 ft.
Historical Maximum Water Level: Sep 13 2008, 9.96 ft.
Next High Tide: 06/21/2017 02:18 (CDT), 0.11 ft.

Last Observed Sample: 06/20/2017 17:06 (CDT)
Wind Speed: 17 knots Gusts: 20 knots Direction: 48° T
NOAA/NOS/CO-OOPS 8768094 Calcasieu Pass, LA

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1009.2 mb

NOAA/NOS/CO-OOPS 8770822 Texas Point, Sabine Pass, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/20/2017 17:12 (CDT). Data relative to MHHW

Observed: 0.05 ft. Predicted: -1.66 ft. Residual: 1.71 ft.
Historical Maximum Water Level: Mar 20 2012, 1.91 ft.
Next High Tide: 06/21/2017 02:39 (CDT), -0.14 ft.
Wind Speed / Gusts / Direction

Last Observed Sample: 06/20/2017 17:12 (CDT)
Wind Speed: 17 knots Gusts: 21 knots Direction: 23° T

Barometric Pressure

Last Observed Sample: 06/20/2017 17:12 (CDT)
Barometric Pressure: 1010.4 mb
Last Observed Sample: 06/20/2017 17:06 (CDT). Data relative to MHHW
Observed: 0.15 ft. Predicted: -1.39 ft. Residual: 1.54 ft.
Historical Maximum Water Level: Jul 15 2003, 4.08 ft.
Next High Tide: 06/21/2017 03:23 (CDT), 0.08 ft.

Last Observed Sample: 06/20/2017 17:06 (CDT)
Wind Speed: 18 knots Gusts: 22 knots Direction: 33° T
Barometric Pressure

Last Observed Sample: 06/20/2017 17:06 (CDT)
Barometric Pressure: 1009.7 mb
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<tr>
<th>Station ID</th>
<th>Station Name</th>
<th>Date/Time</th>
<th>Observed Water Level</th>
<th>Predicted Tide</th>
<th>Residual Water Level</th>
<th>24 Hour Maximum Storm Tide</th>
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<td>-0.90 ft</td>
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<td>Shell Beach, LA</td>
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<td>2.81 ft</td>
<td>-0.78 ft</td>
<td>3.59 ft</td>
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<td>Pascagoula NOAA Lab, MS</td>
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