Tropical Storm BILL QuickLook

As of 06/16/2015 11:00 CDT, water levels from southern Texas to western Louisiana are elevated and range between 1.5 and 3.0 feet above tidal predictions. Strongest winds are being observed at Port Lavaca and Port O'Connor with gusts over 40 kts in the last hour. Barometric pressure is slowly falling 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: CRD

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM BILL ADVISORY NUMBER 3

NWS NATIONAL HURRICANE CENTER MIAMI FL

1000 AM CDT TUE JUN 16 2015

...TROPICAL STORM BILL ABOUT TO MAKE LANDFALL ALONG THE TEXAS COAST....EXPECTED TO BRING HEAVY RAINS TO PORTIONS OF TEXAS...

WATCHES AND WARNINGS

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A Tropical Storm Warning is in effect for...

* Baffin Bay to High Island Texas

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

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 1000 AM CDT, the center of Tropical Storm Bill was located near latitude 28.2 North, longitude 96.4 West. Bill is moving toward the northwest near 10 mph and this general motion is expected to continue today. The center of Bill is expected to make landfall on Matagorda Island within the next hour or two, and move inland over south-central Texas this afternoon and tonight.

Reports from an Air Force Reserve reconnaissance aircraft indicate that maximum sustained winds remain near 60 mph with higher gusts. Weakening is forecast after the center moves inland later today, and Bill is expected to weaken to a tropical depression overnight.

Tropical-storm-force winds extend outward up to 150 miles from the center.

The latest minimum central pressure reported by an Air Force Reserve Hurricane Hunter aircraft was 997 mb.
HAZARDS AFFECTING LAND

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RAINFALL: Bill is expected to produce total rain accumulations of 4 to 8 inches over eastern Texas and eastern Oklahoma and 2 to 4 inches over western Arkansas and southern Missouri, with possible isolated maximum amounts of 12 inches in eastern Texas.

WIND: Tropical storm conditions are occurring within the warning area and will likely continue into the evening.

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

Upper Texas coast...2 to 4 feet

Western Louisiana coast...1 to 2 feet

The deepest water will occur along the immediate coast near and to the right of the landfall location. 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.

TORNADOES: A few tornadoes will be possible across portions of eastern Texas and far western Louisiana today and tonight.

Forecaster Stewart

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.
Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

Observed: 1.86 ft. Predicted: -0.09 ft. Residual: 1.95 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/17/2015 12:01 (CDT), -0.07 ft.

Last Observed Sample: 06/16/2015 14:18 (CDT)

Wind Speed: 28 knots Gusts: 32 knots Direction: 130° T
NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX

Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

**Observed:** 3.58 ft. **Predicted:** 0.23 ft. **Residual:** 3.35 ft.

**Historical Maximum Water Level:** n/a

**Next High Tide:** 06/17/2015 14:42 (CDT), 0.24 ft.

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**NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX**

**Wind Speed / Gusts / Direction**

Last Observed Sample: 06/16/2015 14:18 (CDT)

**Wind Speed:** 26 knots **Gusts:** 34 knots **Direction:** 89° T
Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

- Observed: 1.21 ft. Predicted: -0.61 ft. Residual: 1.82 ft.
- Next High Tide: 06/17/2015 06:27 (CDT), 0.13 ft.

Last Observed Sample: 06/16/2015 14:18 (CDT)

- Wind Speed: 27 knots
- Gusts: 37 knots
- Direction: 211° T
NOAA/NOS/CO-OPS 8774474 USCG Freeport, TX
Barometric Pressure

Barometric Pressure: 1010.9 mb

NOAA/NOS/CO-OPS 8774770 Rockport, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/16/2015 14:18 (CDT)
Data relative to MHHW

Observed: 1.31 ft. Predicted: 0.01 ft. Residual: 1.30 ft.
Historical Maximum Water Level: Aug 10 1980, 3.73 ft.
Next High Tide: 06/16/2015 14:47 (CDT), 0.01 ft.
Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8774770 Rockport, TX
Wind Speed / Gusts / Direction

Last Observed Sample: 06/16/2015 14:18 (CDT)
Wind Speed: 16 knots Gusts: 26 knots Direction: 280° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW
Historical Maximum Water Level: Jul 15 2003, 4.08 ft.
Next High Tide: 06/16/2015 14:29 (CDT), -0.29 ft.
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX

**Wind Speed / Gusts / Direction**

- **Wind Speed:** 24 knots
- **Gusts:** 28 knots
- **Direction:** 176° T

Last Observed Sample: 06/16/2015 14:24 (CDT)

**Barometric Pressure**

- **Barometric Pressure:** 1011.9 mb

Last Observed Sample: 06/16/2015 14:24 (CDT)
Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

Observed: 1.48 ft. Predicted: -0.15 ft. Residual: 1.63 ft.

Historical Maximum Water Level: Sep 8 1900, 12.11 ft.

Next High Tide: 06/16/2015 14:48 (CDT), -0.15 ft.

Last Observed Sample: 06/16/2015 14:18 (CDT)

Barometric Pressure: 1013.5 mb
Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX

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

Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW

- Observed: 2.47 ft.
- Predicted: 0.01 ft.
- Residual: 2.46 ft.

Historical Maximum Water Level: Sep 13 2008, 10.76 ft.

Next High Tide: 06/17/2015 13:25 (CDT), 0.01 ft.

Wind Speed: 19 knots
Gusts: 23 knots
Direction: 162° T

Last Observed Sample: 06/16/2015 14:24 (CDT)

Wind Speed: 19 knots
Gusts: 23 knots
Direction: 162° T
Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX

Last Observed Sample: 06/16/2015 14:24 (CDT)
Barometric Pressure: 1012.8 mb

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

Last Observed Sample: 06/16/2015 14:24 (CDT)
Data relative to MHHW
Observed: 2.20 ft. Predicted: 0.19 ft. Residual: 2.01 ft.
Historical Maximum Water Level: Sep 12 2008, 5.22 ft.
Next High Tide: 06/17/2015 12:53 (CDT), 0.26 ft.
NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

Wind Speed / Gusts / Direction

Last Observed Sample: 06/16/2015 14:24 (CDT)
Wind Speed: 11 knots Gusts: 18 knots Direction: 138° T

NOAA/NOS/CO-OPS 8770570 Sabine Pass North, TX

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

LastObserved Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW
Historical Maximum Water Level: Sep 13 2008, 12.71 ft.
Next High Tide: 06/16/2015 14:48 (CDT), -0.13 ft.
Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8770570 Sabine Pass North, TX
Wind Speed / Gusts / Direction

Last Observed Sample: 06/16/2015 14:24 (CDT)
Wind Speed: 24 knots Gusts: 32 knots Direction: 141° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW
Observed: 1.14 ft. Predicted: 0.01 ft. Residual: 1.13 ft.
Historical Maximum Water Level: Sep 13 2008, 9.96 ft.
Next High Tide: 06/17/2015 05:50 (CDT), 0.22 ft.
Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

**NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA**

- Last Observed Sample: 06/16/2015 14:24 (CDT)
- Wind Speed: 24 knots
- Gusts: 31 knots
- Direction: 157° T

**NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX**

- Last Observed Sample: 06/16/2015 14:18 (CDT)
- Data relative to MHHW
- Observed: 1.29 ft.
- Predicted: -0.51 ft.
- Residual: 1.80 ft.
- Next High Tide: 06/17/2015 06:38 (CDT), 0.10 ft.

![Wind Speed / Gusts / Direction Chart](chart1.png)

![Preliminary Water Level Chart](chart2.png)
Last Observed Sample: 06/16/2015 14:18 (CDT)

Wind Speed: 18 knots  
Gusts: 23 knots  
Direction: 277° T

Barometric Pressure: 1006.9 mb
<table>
<thead>
<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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<tr>
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<td>Port O'Connor (TCOON), TX</td>
<td>06/16/2015 14:18 (CDT)</td>
<td>1.86 ft</td>
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<td>1.95 ft</td>
<td>2.29 ft</td>
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<td>8773259</td>
<td>Port Lavaca (TCOON), TX</td>
<td>06/16/2015 14:18 (CDT)</td>
<td>3.58 ft</td>
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<td>2.88 ft</td>
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<td>-0.51 ft</td>
<td>1.80 ft</td>
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