As of 08/28/2015 12:00 AST, water levels along the coasts of the U.S. Virgin Islands and Puerto Rico are slightly elevated and range between 0.1 and 0.7 feet above tidal predictions. Wind speeds are decreasing but gusts have reached 35 knots measured at Esperanza, Vieques Island and Fajardo, PR. Barometric pressure has begun to increase at most locations.
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: ADW

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ERIKA ADVISORY NUMBER 15
NWS NATIONAL HURRICANE CENTER MIAMI FL AL052015
1100 AM AST FRI AUG 28 2015

...CENTER OF ERIKA NOW SOUTH OF THE EASTERN DOMINICAN REPUBLIC...
...TROPICAL STORM WATCH ISSUED FOR PORTIONS OF CUBA...

WATCHES AND WARNINGS
-------------
CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued for the U. S. Virgin Islands.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...
* Puerto Rico
* Vieques
* Culebra

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

Interests elsewhere in eastern and central Cuba, as well as the southern Florida Peninsula and Florida Keys, should monitor the progress of Erika.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND 48-HOUR OUTLOOK
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At 1100 AM AST, the center of Tropical Storm Erika was located ABOUT 65 MI SSE OF SANTO DOMINGO DOMINICAN REPUBLIC AND ABOUT 340 MI SE OF GREAT INAGUA ISLAND. Erika is moving toward the west-northwest near 18 mph and this general motion is expected to continue for the next 48 hours. On the forecast track, the center of Erika will move over the Dominican Republic this afternoon, move near the Turks and Caicos Islands tonight, and move near the central and northwestern Bahamas Saturday and Saturday night.
Reports from an Air Force Reserve Hurricane Hunter aircraft indicate that maximum sustained winds are near 50 mph with higher gusts. Some weakening is forecast this afternoon and tonight as Erika moves over land, followed by little change in strength through Saturday night.

Tropical storm force winds extend outward up to 150 miles to the east of the center. Punta Cana at the eastern end of the Dominican Republic recently reported a wind gust of 40 mph.

The minimum central pressure based on Hurricane Hunter aircraft data is 1008 mb.

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions affecting Puerto Rico will continue for the next several hours before subsiding later today. Tropical storm conditions are currently spreading across portions of the Dominican Republic. Tropical storm conditions are expected to spread across Haiti today, the Turks and Caicos Islands and the southeastern Bahamas later today and tonight, and the central Bahamas on Saturday. Tropical storm conditions are possible in the northwestern Bahamas by Saturday night.

RAINFALL: Erika is expected to produce total rainfall accumulations of 3 to 6 inches with maximum amounts of 10 inches possible across portions of the Dominican Republic and Haiti, the Turks and Caicos Islands, and the southeastern and central Bahamas through Saturday. An additional 1 to 2 inches is expected for Puerto Rico. These rains could cause life-threatening flash floods and mud slides.

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.
Tropical Storm ERIKA QuickLook, POSTED 12:00 AST 08/28/2015

Last Observed Sample: 08/28/2015 11:18 (AST). Data relative to MHHW

- Observed: -0.82 ft. Predicted: -1.17 ft. Residual: 0.35 ft.
- Historical Maximum Water Level: n/a
- Next High Tide: 08/28/2015 20:02 (AST), 0.08 ft.

Wind Speed: 7 knots  Gusts: 12 knots  Direction: 111° T
Last Observed Sample: 08/28/2015 11:18 (AST). Data relative to MHHW

- Observed: -0.09 ft.
- Predicted: -0.76 ft.
- Residual: 0.67 ft.

Historical Maximum Water Level: Aug 22 2011, 0.99 ft.

Next High Tide: 08/28/2015 20:17 (AST), -0.01 ft.

Last Observed Sample: 08/28/2015 11:18 (AST)

Wind Speed: 11 knots  Gusts: 19 knots  Direction: 127° T
NOAA/NOS/CO-Ops 9752695 Esperanza, Vieques Island, PR

Barometric Pressure

Last Observed Sample: 08/28/2015 11:18 (AST)
Barometric Pressure: 1017.1 mb

NOAA/NOS/CO-Ops 9753216 Fajardo, PR

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

Last Observed Sample: 08/28/2015 11:18 (AST), Data relative to MHHW
Observed: -1.19 ft. Predicted: -1.27 ft. Residual: 0.08 ft.
Historical Maximum Water Level: Aug 30 2010, 0.84 ft.
Next High Tide: 08/28/2015 19:43 (AST), 0.24 ft.
NOAA/NOS/CO-OPS 9753216 Fajardo, PR

Wind Speed / Gusts / Direction

Last Observed Sample: 08/28/2015 11:18 (AST)
Wind Speed: 12 knots Gusts: 17 knots Direction: 118° T

NOAA/NOS/CO-OPS 9754228 Yabucoa Harbor, PR

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

Last Observed Sample: 08/28/2015 11:18 (AST). Data relative to MHHW
Observed: -0.07 ft. Predicted: -0.70 ft. Residual: 0.63 ft.
Historical Maximum Water Level: n/a
Next High Tide: 08/28/2015 21:14 (AST), 0.04 ft.
Last Observed Sample: 08/28/2015 11:18 (AST)
Wind Speed: 11 knots  Gusts: 15 knots  Direction: 104° T

Last Observed Sample: 08/28/2015 11:12 (AST).
Data relative to MHHW
Observed: -1.17 ft  Predicted: -1.19 ft  Residual: 0.02 ft.
Historical Maximum Water Level: Sep 18 1989, 2.77 ft.
Next High Tide: 08/28/2015 20:08 (AST), 0.35 ft.
NOAA/NOS/CO-OPS 9755371 San Juan, PR

Wind Speed / Gusts / Direction

Wind Speed: 9 knots
Gusts: 11 knots
Direction: 135° T

NOAA/NOS/CO-OPS 9759110 Magueyes Island, PR

Last Observed Sample: 08/28/2015 11:18 (AST)
Predicted: -0.44 ft.
Residual: 0.74 ft.

Historical Maximum Water Level: Sep 22 1998, 1.60 ft.
Next High Tide: 08/28/2015 21:35 (AST), 0.23 ft.
Tropical Storm ERIKA QuickLook, POSTED 12:00 AST 08/28/2015

NOAA/NOS/CO-OPS 9759110 Magueyes Island, PR

Wind Speed / Gusts / Direction

Last Observed Sample: 08/28/2015 11:18 (AST)
Wind Speed: 6 knots Gusts: 12 knots Direction: 148° T

NOAA/NOS/CO-OPS 9759938 Mona Island, PR

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

Last Observed Sample: 08/28/2015 11:18 (AST). Data relative to MHHW
Observed: -0.35 ft. Predicted: -0.74 ft. Residual: 0.39 ft.
Historical Maximum Water Level: Dec 23 2010, 1.26 ft.
Next High Tide: 08/28/2015 20:07 (AST), -0.03 ft.
NOAA/NOS/CO-OPS 9751639 Charlotte Amalie, VI

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

Last Observed Sample: 08/28/2015 11:18 (AST). Data relative to MHHW

Observed: -0.33 ft. Predicted: -0.58 ft. Residual: 0.25 ft.

Historical Maximum Water Level: Sep 16 1995, 2.93 ft.

Next High Tide: 08/28/2015 20:35 (AST), 0.24 ft.

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Wind Speed / Gusts / Direction

Last Observed Sample: 08/28/2015 11:18 (AST)

Wind Speed: 9 knots Gusts: 15 knots Direction: 89° T
NOAA/NOS/CO-OPS 9751639 Charlotte Amalie, VI
Barometric Pressure

Barometric Pressure: 1016.8 mb

NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 08/28/2015 11:12 (AST)
Barometric Pressure: 1016.8 mb

Last Observed Sample: 08/28/2015 11:12 (AST). Data relative to MHHW
Observed: -0.35 ft. Predicted: -0.74 ft. Residual: 0.39 ft.
Next High Tide: 08/28/2015 20:12 (AST), 0.01 ft.
<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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<tbody>
<tr>
<td>9752619</td>
<td>Isabel Segunda, Vieques Island, PR</td>
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<td>-0.82 ft</td>
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<td>Fajardo, PR</td>
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