As of 07/09/2013 18:00 AST, water levels in the U.S. Virgin Islands and Puerto Rico continue to track between 0.2 and 0.5 feet above predicted tide levels. Winds are slightly increasing. Moderate winds with gusts up to 25 knots were recorded at Lime Tree Bay, VI and Charlotte Amalie, VI. Barometric pressure is steady 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. Water level predictions relative to Mean Lower Low Water are:

Lameshur Bay, St. John, VI: Next predicted high tides are 0.9 ft (0.26 m) at 07/09/2013 22:31 AST and 0.8 ft (0.26 m) at 07/10/2013 22:55 AST.

Lime Tree Bay, VI: Next predicted high tides are 0.7 ft (0.23 m) at 07/09/2013 23:11 AST and 0.7 ft (0.22 m)
Charlotte Amalie, VI: Next predicted high tides are 0.8 ft (0.25 m) at 07/09/2013 22:35 AST and 0.8 ft (0.25 m) at 07/10/2013 22:56 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.8 ft (0.24 m) at 07/09/2013 22:20 AST and 0.8 ft (0.23 m) at 07/10/2013 22:34 AST.

Yabucoa Harbor, PR: Next predicted high tides are 0.7 ft (0.20 m) at 07/09/2013 22:31 AST and 0.6 ft (0.19 m) at 07/10/2013 22:37 AST.

Magueyes Island, PR: Next predicted high tides are 0.7 ft (0.22 m) at 07/09/2013 23:11 AST and 0.7 ft (0.21 m) at 07/10/2013 23:23 AST.

Mayaguez, PR: Next predicted high tides are 1.3 ft (0.41 m) at 07/09/2013 22:05 AST and 0.9 ft (0.27 m) at 07/10/2013 09:58 AST.

Mona Island, PR: Next predicted high tides are 0.9 ft (0.26 m) at 07/09/2013 21:54 AST and 0.8 ft (0.26 m) at 07/10/2013 22:22 AST.

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: KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CHANTAL ADVISORY NUMBER   8
500 PM AST TUE JUL 09 2013

...CHANTAL HEADING FOR HISPANIOLA...

WATCHES AND WARNINGS
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CHANGES WITH THIS ADVISORY...

THE GOVERNMENT OF THE BAHAMAS HAS ISSUED A TROPICAL STORM WARNING FOR THE SOUTHEASTERN BAHAMAS AND THE TURKS AND CAICOS ISLANDS... AND A TROPICAL STORM WATCH FOR THE CENTRAL BAHAMAS.

A TROPICAL STORM WARNING HAS BEEN EXTENDED TO INCLUDE THE ENTIRE COAST OF HAITI.

THE GOVERNMENT OF BARBADOS HAS DISCONTINUED THE TROPICAL STORM WARNING FOR DOMINICA.

THE GOVERNMENT OF FRANCE HAS DISCONTINUED THE TROPICAL STORM WARNING FOR MARTINIQUE AND GUADELOUPE.
SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WATCH IS IN EFFECT FOR...
* BARAHONA TO SAMANA DOMINICAN REPUBLIC

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* PUERTO RICO
* ENTIRE COAST OF THE DOMINICAN REPUBLIC
* ENTIRE COAST OF HAITI
* TURKS AND CAICOS
* SOUTHEASTERN BAHAMAS

A TROPICAL STORM WATCH IS IN EFFECT FOR...
* U.S. VIRGIN ISLANDS
* VIEQUES AND CULEBRA
* CENTRAL BAHAMAS

INTERESTS IN EASTERN CUBA AND THE NORTHWESTERN BAHAMAS SHOULD MONITOR THE PROGRESS OF CHANTAL.

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

AT 500 PM AST... THE CENTER OF TROPICAL STORM CHANTAL WAS LOCATED NEAR LATITUDE 15.2 NORTH...LONGITUDE 63.7 WEST. CHANTAL IS MOVING TOWARD THE WEST-NORTHWEST NEAR 26 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS WITH A GRADUAL DECREASE IN THE FORWARD SPEED. ON THE FORECAST TRACK... THE CENTER OF CHANTAL WILL CONTINUE TO MOVE AWAY FROM THE LESSER ANTILLES TONIGHT... AND IS EXPECTED TO BE NEAR OR OVER THE DOMINICAN REPUBLIC BY WEDNESDAY AFTERNOON. CHANTAL IS EXPECTED TO BE OVER THE SOUTHEASTERN AND CENTRAL BAHAMAS ON THURSDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 65 MPH... WITH HIGHER GUSTS. THESE WINDS ARE CONFINED TO A SMALL AREA TO THE EAST THE CENTER. CHANTAL IS EXPECTED TO BE NEAR HURRICANE STRENGTH BEFORE REACHING HISPANIOLA.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 90 MILES... TO THE WEST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1006 MB.

HAZARDS AFFECTING LAND
WIND...TROPICAL STORM CONDITIONS SHOULD REACH PUERTO RICO TONIGHT OR EARLY WEDNESDAY...AND REACH THE DOMINICAN REPUBLIC WEDNESDAY MORNING. TROPICAL STORM CONDITIONS ARE EXPECTED IN HAITI BY LATE WEDNESDAY.

STORM SURGE...A STORM SURGE...ACCOMPANIED BY DANGEROUS WAVES...WILL RAISE WATER LEVELS BY THE FOLLOWING AMOUNTS ABOVE NORMAL TIDE LEVELS...

PUERTO RICO....1 TO 3 FT
SOUTHERN AND WESTERN HISPANIOLA...2 TO 4 FT
NORTHERN HISPANIOLA...1 TO 3 FT
SOUTHEASTERN BAHAMAS AND TURKS AND CAICOS....1 TO 3 FT

RAINFALL...CHANTAL IS EXPECTED TO PRODUCE RAIN ACCUMULATIONS OF 2 TO 4 INCHES OVER THE LEEWARD AND WINDWARD ISLANDS...WITH 3 TO 6 INCHES EXPECTED OVER PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND PORTIONS OF THE DOMINICAN REPUBLIC AND HAITI...WITH MAXIMUM AMOUNTS OF 8 INCHES POSSIBLE.

NEXT ADVISORY
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NEXT INTERMEDIATE ADVISORY...800 PM AST.
NEXT COMPLETE ADVISORY...1100 PM AST.

FORECASTER AVILA

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.
Lameshur Bay, St. John, VI - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
5751381 Lameshur Bay, St. John, VI
From 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Relative to MLLW: Observed: 0.56 ft. Predicted: 0.26 ft. Residual: 0.30 ft.
Historical Maximum Water Level: Aug 30 2010, 1.71 ft. above MLLW

Lameshur Bay, St. John, VI - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
5751381 Lameshur Bay, St. John, VI
From 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Barometric Pressure: 1016.8 mb
Last Observed Sample: 07/09/2013 17:48 (AST)
Relative to MLLW: Observed: 0.65 ft.  Predicted: 0.31 ft.  Residual: 0.34 ft.
Historical Maximum Water Level: Nov 17 1999, 2.59 ft. above MLLW

Last Observed Sample: 07/09/2013 17:48 (AST)
Wind Speed: 8 knots  Gusts: 16 knots  Direction: 94° T
Lime Tree Bay, VI - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
9751401 Lime Tree Bay, VI
from 07/07/2013 17:54 - 07/10/2013 17:54

Barometric Pressure: 1015.6 mb

Last Observed Sample: 07/09/2013 17:48 (AST)

Charlotte Amalie, VI - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
9751639 Charlotte Amalie, VI
from 07/07/2013 17:54 - 07/10/2013 17:54

Relative to MLLW: Observed: 0.49 ft. Predicted: 0.27 ft. Residual: 0.22 ft.
Historical Maximum Water Level: Sep 16 1995, 3.72 ft. above MLLW
**Tropical Storm CHANTAL QuickLook, POSTED 18:00 AST 07/09/2013**

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**Charlotte Amalie, VI - Return to List**

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
9751639 Charlotte Amalie, VI
from 07/07/2013 17:54 - 07/10/2013 17:54

- Last Observed Sample: 07/09/2013 17:48 (AST)
- Wind Speed: 9 knots
- Gusts: 16 knots
- Direction: 60° T

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**Charlotte Amalie, VI - Return to List**

NOAA/NOS/C0-CPS
Barometric Pressure Plot
9751639 Charlotte Amalie, VI
from 07/07/2013 17:54 - 07/10/2013 17:54

- Last Observed Sample: 07/09/2013 17:48 (AST)
- Barometric Pressure: 1016.8 mb
Esperanza, Vieques Island, PR - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
9752695 Esperanza, Vieques Island, PR
from 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Relative to MLLW: Observed: 0.67 ft. Predicted: 0.34 ft. Residual: 0.33 ft.
Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

Esperanza, Vieques Island, PR - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
9752695 Esperanza, Vieques Island, PR
from 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Wind Speed: 11 knots Gusts: 20 knots Direction: 104° T
Esperanza, Vieques Island, PR - Return to List

Last Observed Sample: 07/09/2013 17:48 (AST)
Barometric Pressure: 1016.3 mb

Yabucoa Harbor, PR - Return to List

LastObserved Sample: 07/09/2013 17:42 (AST)
Relative to MLLW: Observed: 0.66 ft. Predicted: 0.21 ft. Residual: 0.45 ft.
Historical Maximum Water Level: n/a
Magueyes Island, PR - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
9759110 Magueyes Island, PR
from 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Relative to MLLW: Observed: 0.53 ft. Predicted: 0.28 ft. Residual: 0.25 ft.
Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

Magueyes Island, PR - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
9759110 Magueyes Island, PR
from 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Wind Speed: 4 knots Gusts: 8 knots Direction: 108° T
Magueyes Island, PR - Return to List

Last Observed Sample: 07/09/2013 17:48 (AST)

Barometric Pressure: 1015.3 mb

Mayaguez, PR - Return to List

Last Observed Sample: 07/09/2013 17:48 (AST)

Relative to MLLW: Observed: 0.61 ft. Predicted: 0.44 ft. Residual: 0.17 ft.

Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW
Mayaguez, PR - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
S759394 Mayaguez, PR
from 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Wind Speed: 3 knots Gusts: 4 knots Direction: 131° T

Mayaguez, PR - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
S759394 Mayaguez, PR
from 07/07/2013 17:54 - 07/10/2013 17:54

Last Observed Sample: 07/09/2013 17:48 (AST)
Barometric Pressure: 1022.4 mb
Last Observed Sample: 07/09/2013 17:48 (AST)
Relative to MLLW: Observed: 0.46 ft. Predicted: 0.29 ft. Residual: 0.17 ft.
Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

Barometric Pressure: 1015.7 mb