Hurricane IRENE QuickLook
Posted: 18:00 AST 08/22/2011

NOAA and NOAA Partnership Stations Relative to the Storm

Storm Analysis
No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.

As of 08/22/2011 18:00 AST, water levels in Puerto Rico and the US Virgin Islands are beginning to return to normal levels, however they remain elevated by 0.1 to 0.5 feet. Barometric pressure is rising and winds are falling across the region.

For additional data, please see the Center for Operational Oceanographic Products & Services website.

For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see Tidal Datums.

For more information or archived products and reports, please see the Storm QuickLook Homepage.

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.


Culebra, PR - Return to List
Esperanza, Vieques Island, PR

Last Observed Sample: 08/22/2011 17:48 (AST)
Relative to MLLW: Observed: 0.99 ft. Predicted: 0.70 ft. Residual: 0.29 ft.
Historical Maximum Water Level: Aug 30 2010, 0.84 ft. above MHHW

Wind Speed: 16 knots  Gusts: 20 knots  Direction: 158° T

Barometric Pressure: 1009.1 mb
Hurricane IRENE QuickLook, POSTED 18:00 AST 08/22/2011
http://tidesandcurrents.noaa.gov/quicklook/data/IRENE-print.html
Wind Speed: 10 knots  Gusts: 15 knots  Direction: 183° T

**Mona Island, PR**

Preliminary 6 min. Water Level vs. Predicted Plot
9759930 Mona Island, PR
from 08/22/2011 17:54 - 08/23/2011 17:54

Last Observed Sample: 08/22/2011 16:54 (AST)
Relative to MLLW: Observed: 1.11 ft.  Predicted: 0.69 ft.  Residual: 0.42 ft.
Historical Maximum Water Level: Dec 23 2010, 1.26 ft. above MHHW

**Charlotte Amalie, VI**

Preliminary 6 min. Water Level vs. Predicted Plot
9756209 Charlotte Amalie, VI
from 08/22/2011 17:54 - 08/23/2011 17:54

Last Observed Sample: 08/22/2011 17:48 (AST)
Relative to MLLW: Observed: 0.92 ft.  Predicted: 0.86 ft.  Residual: 0.06 ft.
Historical Maximum Water Level: Sep 16 1995, 2.93 ft. above MHHW

**Lameshur Bay, St. John, VI**

Preliminary 6 min. Water Level vs. Predicted Plot
9751141 Lameshur Bay, St. John, VI
from 08/22/2011 17:54 - 08/23/2011 17:54

Last Observed Sample: 08/22/2011 17:48 (AST)
Relative to MLLW: Observed: 0.97 ft.  Predicted: 0.77 ft.  Residual: 0.20 ft.
Historical Maximum Water Level: Aug 30 2010, 0.9 ft. above MHHW

**Lime Tree Bay, VI**
Last Observed Sample: 08/22/2011 17:42 (AST)
Relative to MLLW: Observed: 0.88 ft, Predicted: 0.79 ft, Residual: 0.09 ft.
Historical Maximum Water Level: Nov 17 1999, 1.88 ft above MHHW

Lime Tree Bay, VI - Return to List

Wind Speed/Gusts/Dir

Last Observed Sample: 08/22/2011 17:42 (AST)
Wind Speed: 5 knots Gusts: 10 knots Direction: 146° T

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce