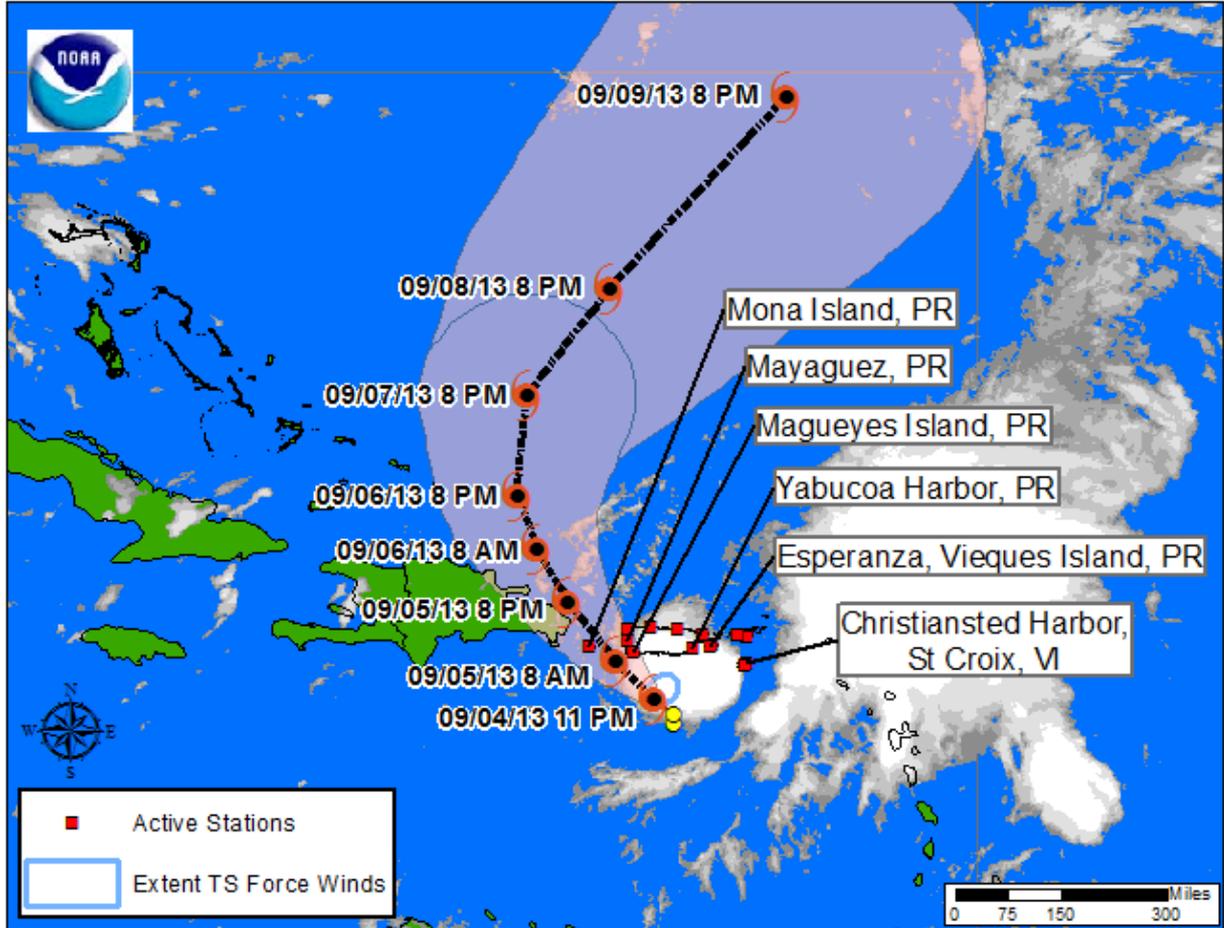




Tropical Storm GABRIELLE QuickLook
Posted: 00:00 AST 09/05/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/05/2013 00:00 AST, water levels across Puerto Rico and the U.S Virgin Islands are slightly elevated and range between 0.2 to 0.6 ft above predicted tide levels. Winds are light 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 (MLLW) are:

Christiansted Harbor, St Croix, VI: Next predicted high tides are 0.5 ft (0.14 m) at 09/05/2013 07:34 AST and 0.6 ft (0.19 m) at 09/05/2013 20:18 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.5 ft (0.14 m) at 09/05/2013 06:47 AST and 0.6 ft (0.17 m) at 09/05/2013 20:20 AST.

Tropical Storm GABRIELLE QuickLook, POSTED 00:00 AST 09/05/2013

Yabucoa Harbor, PR: Next predicted high tides are 0.4 ft (0.11 m) at 09/05/2013 08:03 AST and 0.5 ft (0.16 m) at 09/05/2013 20:42 AST.

Magueyes Island, PR: Next predicted high tides are 0.5 ft (0.17 m) at 09/05/2013 07:39 AST and 0.7 ft (0.22 m) at 09/05/2013 20:54 AST.

Mayaguez, PR: Next predicted high tides are 1.2 ft (0.38 m) at 09/05/2013 08:28 AST and 1.4 ft (0.42 m) at 09/05/2013 20:51 AST.

Mona Island, PR: Next predicted high tides are 0.5 ft (0.15 m) at 09/05/2013 01:06 AST and 0.5 ft (0.16 m) at 09/05/2013 07:43 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:CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM GABRIELLE ADVISORY NUMBER 2
1100 PM AST WED SEP 04 2013

...DEPRESSION BECOMES TROPICAL STORM GABRIELLE...
...HEAVY RAIN EXPECTED OVER PORTIONS OF PUERTO RICO AND THE DOMINICAN REPUBLIC..

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * PUERTO RICO
- * DOMINICAN REPUBLIC FROM CABO ENGANO TO CABO FRANCES VIEJO

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- * DOMINICAN REPUBLIC FROM SANTO DOMINGO TO CABO ENGANO

INTERESTS IN THE SOUTHEASTERN BAHAMAS AND THE TURKS AND CAICOS ISLANDS SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE WITHIN THE NEXT 12 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...IN THIS CASE WITHIN 12 TO 24 HOURS.

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.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM AST THE CENTER OF TROPICAL STORM GABRIELLE WAS LOCATED ABOUT 70 MI S OF PONCE PUERTO RICO OR ABOUT 160 MI SE OF PUNTA CANA DOMINICAN REPUBLIC. GABRIELLE IS MOVING TOWARD THE NORTHWEST NEAR 8 MPH AND THIS MOTION IS EXPECTED TO CONTINUE THROUGH THURSDAY NIGHT. A TURN TOWARD THE NORTH-NORTHWEST IS EXPECTED ON FRIDAY WITH A SLIGHT DECREASE IN FORWARD SPEED. ON THE FORECAST TRACK...THE CENTER SHOULD PASS NEAR OR JUST WEST OF PUERTO RICO TONIGHT AND EARLY THURSDAY...PASS NEAR OR JUST EAST OF THE DOMINICAN REPUBLIC THURSDAY AND THURSDAY EVENING...AND MOVE EAST OF THE TURKS AND THE CAICOS ISLANDS ON FRIDAY.

MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 40 MPH WITH HIGHER GUSTS. SOME ADDITIONAL STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 45 MILES FROM THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1008 MB.

HAZARDS AFFECTING LAND

RAINFALL...THE DEPRESSION IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 3 TO 6 INCHES OVER PORTIONS OF PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND EASTERN PORTIONS OF THE DOMINICAN REPUBLIC WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 10 INCHES POSSIBLE IN AREAS OF MOUNTAINOUS TERRAIN. THESE HEAVIER AMOUNTS COULD RESULT IN DANGEROUS FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN.

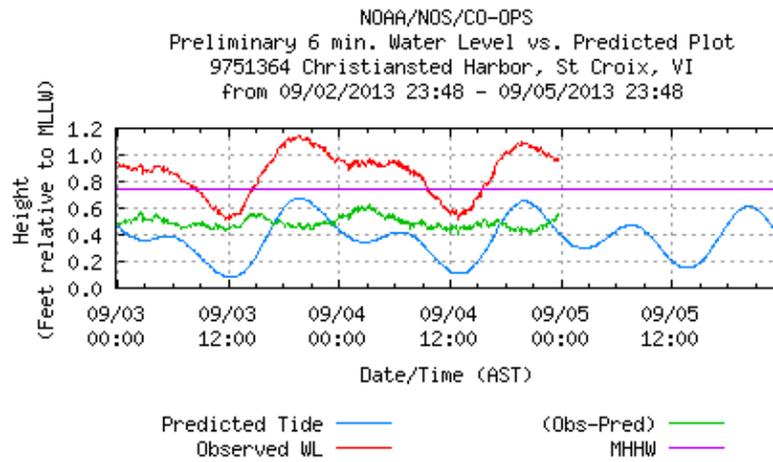
WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST OF PUERTO RICO OVERNIGHT...AND REACH THE WARNING AREA IN THE DOMINICAN REPUBLIC BY MIDDAY THURSDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA BY EARLY THURSDAY.

FORECASTER BRENNAN

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.

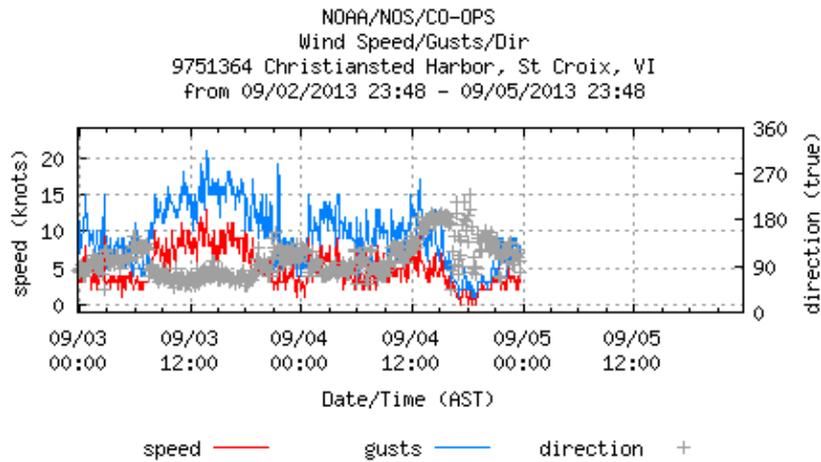
Jump to: [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#), [Yabucoa Harbor - Winds](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mayaguez - Water Level](#), [Mayaguez - Winds](#), [Mayaguez - Barometric](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#)

Christiansted Harbor, St Croix, VI - Return to List



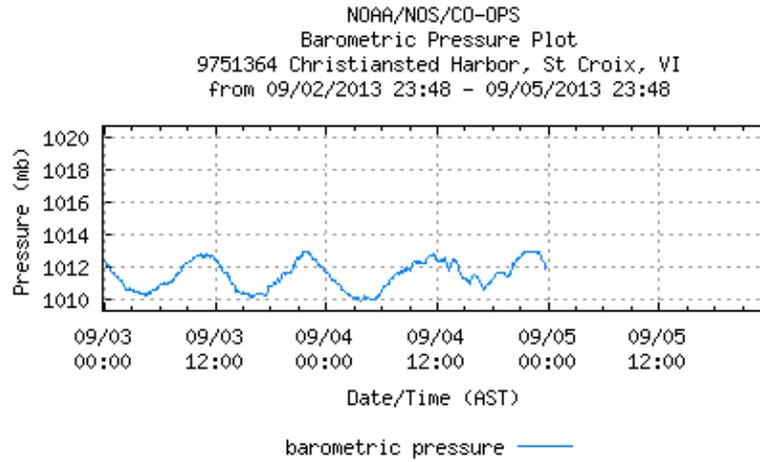
Last Observed Sample: 09/04/2013 23:42 (AST)
Relative to MLLW: **Observed: 0.97 ft.** **Predicted: 0.42 ft.** **Residual: 0.55 ft.**
Historical Maximum Water Level: Oct 16 2008, 1.91 ft. above MLLW

Christiansted Harbor, St Croix, VI - Return to List



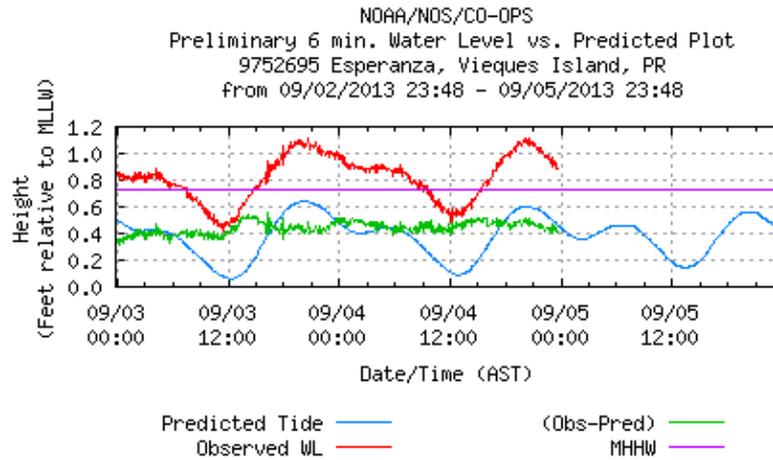
Last Observed Sample: 09/04/2013 23:42 (AST)
Wind Speed: 3 knots **Gusts: 6 knots** **Direction: 78° T**

[Christiansted Harbor, St Croix, VI - Return to List](#)



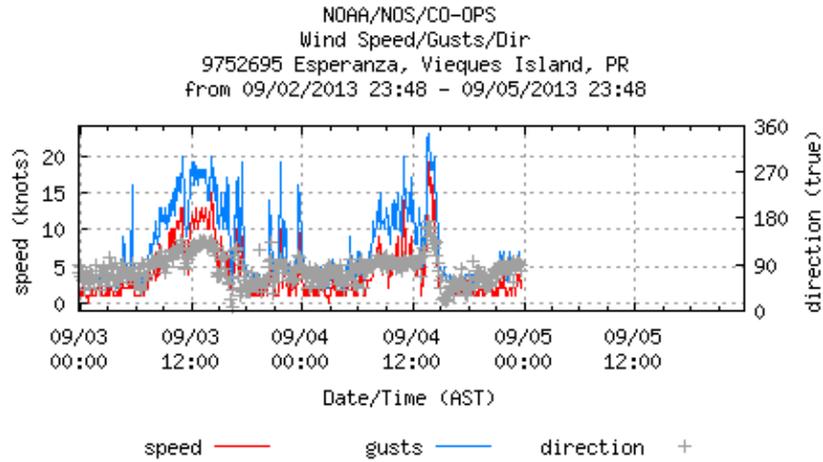
Last Observed Sample: 09/04/2013 23:42 (AST)
Barometric Pressure: 1011.9 mb

[Esperanza, Vieques Island, PR - Return to List](#)



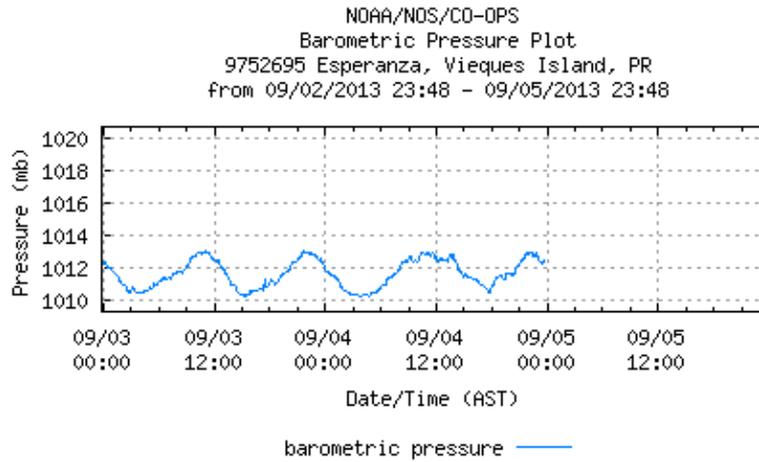
Last Observed Sample: 09/04/2013 23:42 (AST)
Relative to MLLW: Observed: 0.88 ft. Predicted: 0.46 ft. Residual: 0.42 ft.
Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

Esperanza, Vieques Island, PR - Return to List



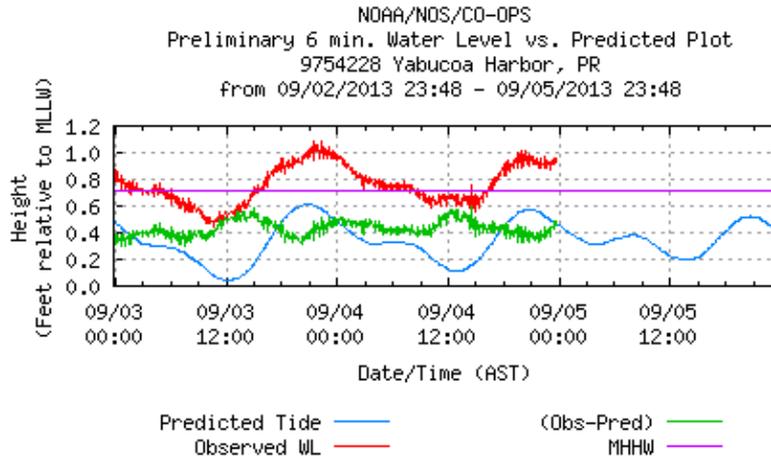
Last Observed Sample: 09/04/2013 23:42 (AST)
Wind Speed: 2 knots Gusts: 6 knots Direction: 77° T

Esperanza, Vieques Island, PR - Return to List



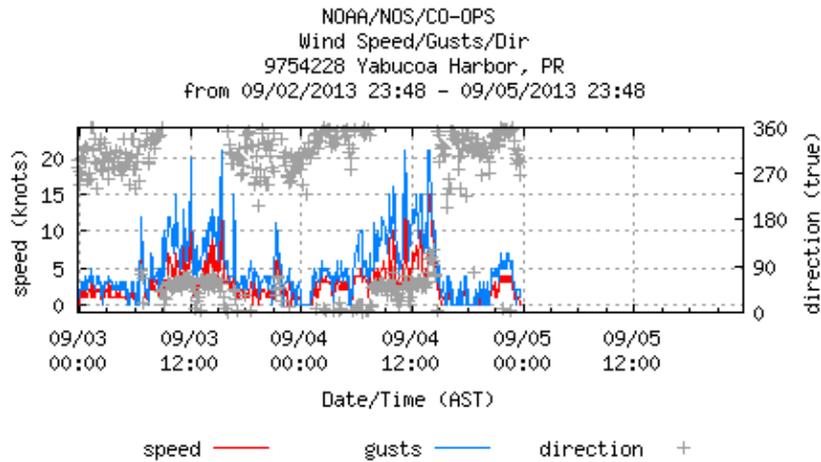
Last Observed Sample: 09/04/2013 23:42 (AST)
Barometric Pressure: 1012.3 mb

Yabucoa Harbor, PR - Return to List



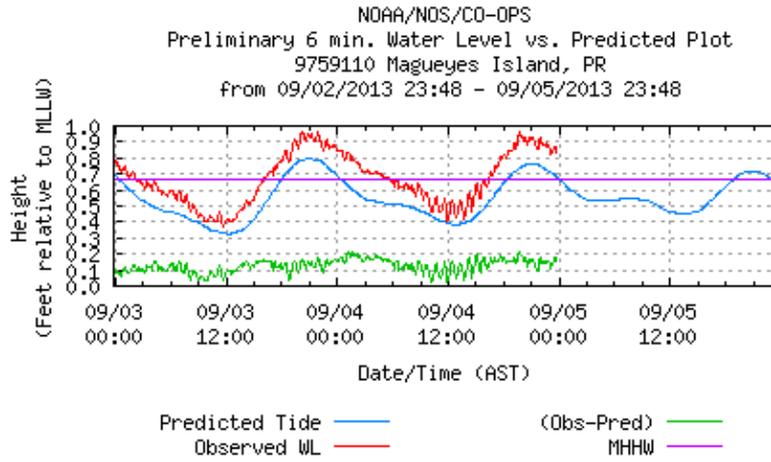
Last Observed Sample: 09/04/2013 23:42 (AST)
Relative to MLLW: **Observed: 0.96 ft.** **Predicted: 0.47 ft.** **Residual: 0.49 ft.**
Historical Maximum Water Level: n/a

Yabucoa Harbor, PR - Return to List



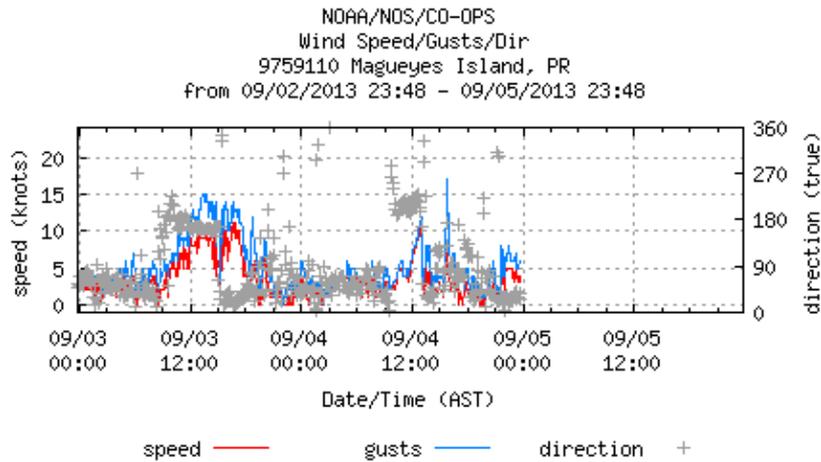
Last Observed Sample: 09/04/2013 23:42 (AST)
Wind Speed: 0 knots **Gusts: 1 knots** **Direction: 269° T**

Magueyes Island, PR - Return to List



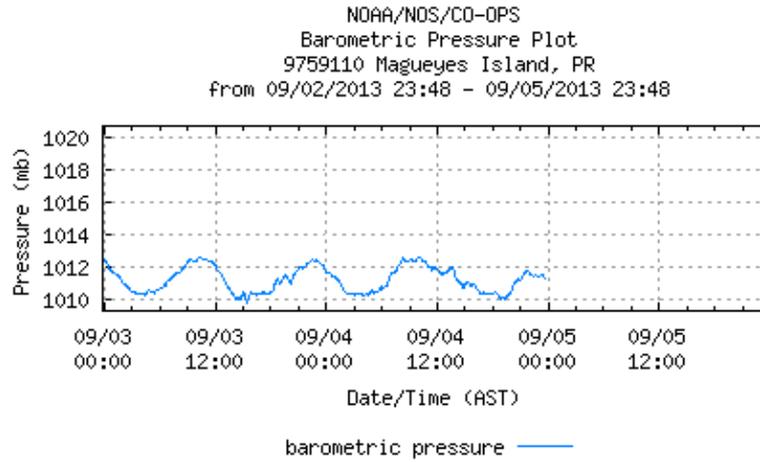
Last Observed Sample: 09/04/2013 23:42 (AST)
 Relative to MLLW: **Observed: 0.83 ft.** **Predicted: 0.68 ft.** **Residual: 0.15 ft.**
 Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

Magueyes Island, PR - Return to List



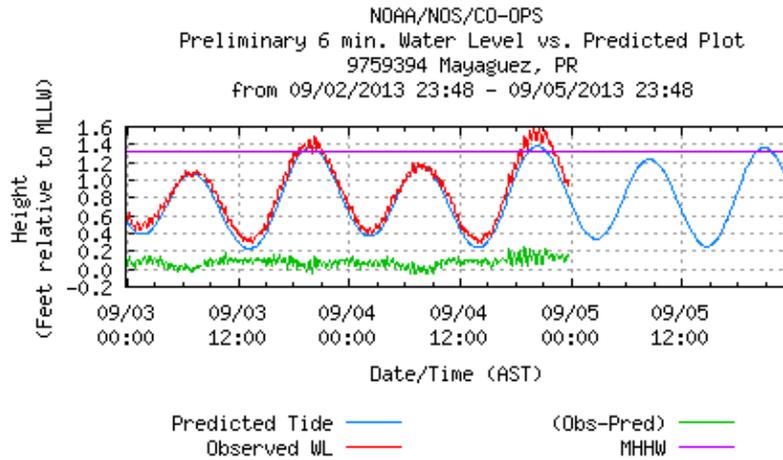
Last Observed Sample: 09/04/2013 23:42 (AST)
Wind Speed: 4 knots **Gusts: 6 knots** **Direction: 26° T**

Magueyes Island, PR - Return to List



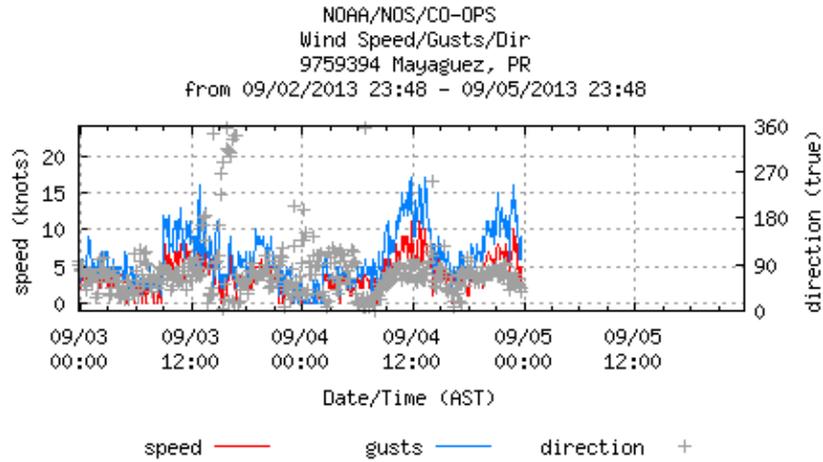
Last Observed Sample: 09/04/2013 23:42 (AST)
 Barometric Pressure: 1011.3 mb

Mayaguez, PR - Return to List



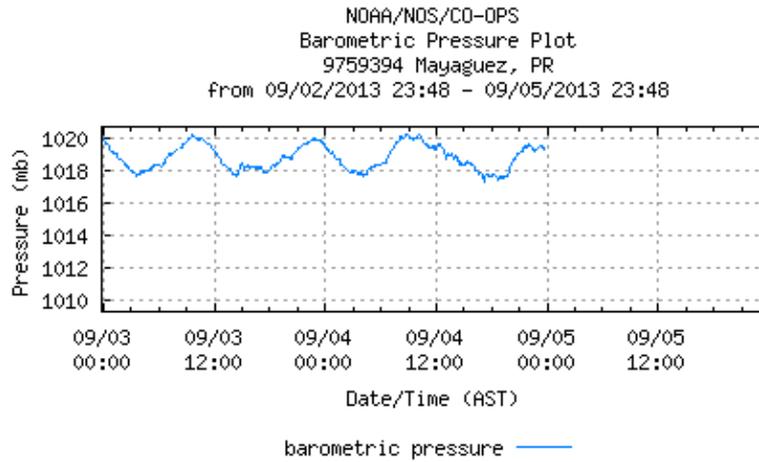
Last Observed Sample: 09/04/2013 23:42 (AST)
 Relative to MLLW: Observed: 0.94 ft. Predicted: 0.80 ft. Residual: 0.14 ft.
 Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW

Mayaguez, PR - Return to List



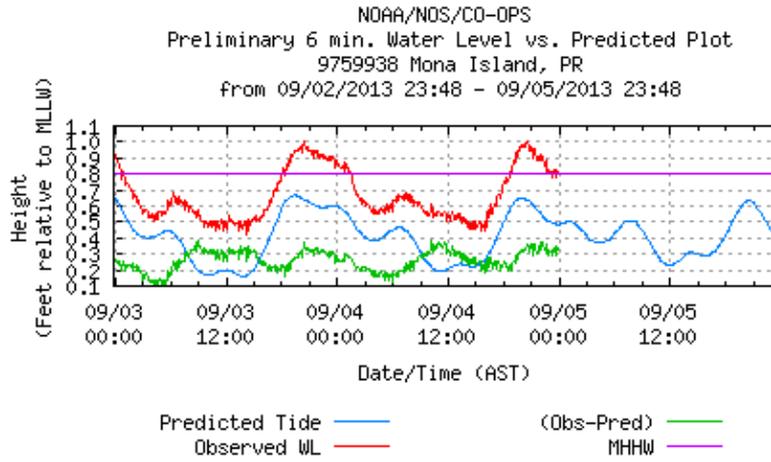
Last Observed Sample: 09/04/2013 23:42 (AST)
Wind Speed: 5 knots Gusts: 9 knots Direction: 45° T

Mayaguez, PR - Return to List



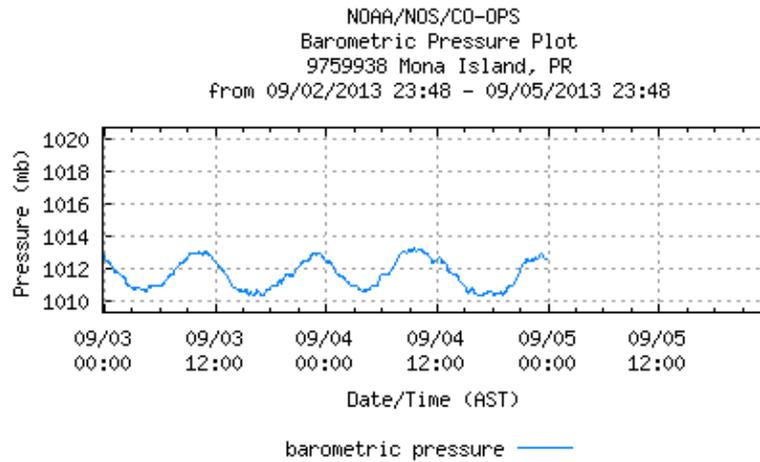
Last Observed Sample: 09/04/2013 23:42 (AST)
Barometric Pressure: 1019.4 mb

Mona Island, PR - Return to List



Last Observed Sample: 09/04/2013 23:48 (AST)
Relative to MLLW: **Observed: 0.81 ft.** **Predicted: 0.48 ft.** **Residual: 0.33 ft.**
Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

Mona Island, PR - Return to List



Last Observed Sample: 09/04/2013 23:48 (AST)
Barometric Pressure: 1012.6 mb