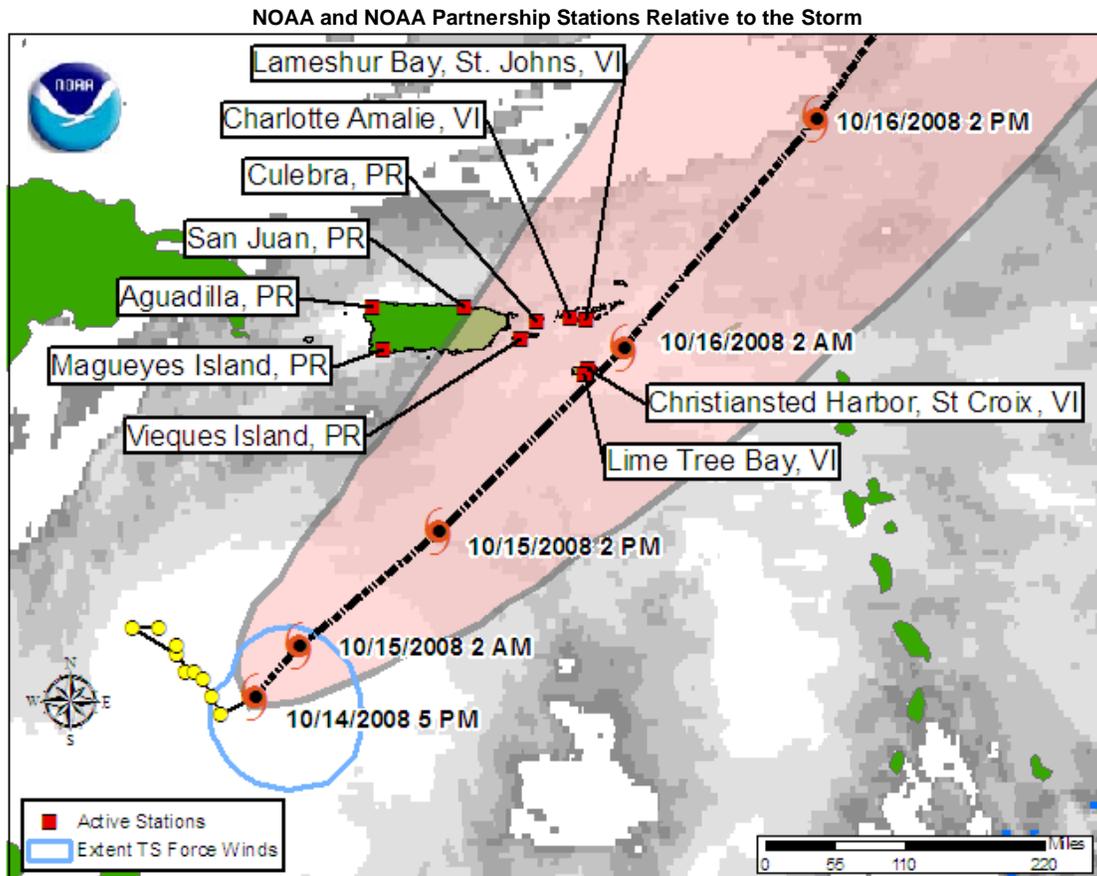




Tropical Storm OMAR QuickLook
Posted: 19:00 AST 10/14/2008



Storm Analysis

As of 10/14/2008 19:00 AST, water levels in Puerto Rico and the U.S. Virgin Islands range from predicted levels to nearly 0.5 ft above predicted. Wind speeds are variable, currently less than 10 knots, with gusts up to 17 knots at St Croix, VI. Barometric pressure is falling overall, with the lowest levels reaching less than 1008 mb throughout the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to [Mean Lower Low Water](#) are:

Lime Tree Bay, VI: Next predicted high tide is 0.96 ft (0.29 m) at 10/15/2008 10:06 AST.

Christiansted Harbor, St. Croix, VI: Next predicted high tide is 0.83 ft (0.25 m) at 10/15/2008 09:00 AST.

Lameshur Bay, St. Johns, VI: Next predicted high tide is 0.39 ft (0.12 m) at 10/14/2008 19:00 AST.

Charlotte Amalie, VI: Next predicted high tide is 1.12 ft (0.34m) at 10/15/2008 09:06 AST.

Culebra, PR: Next predicted high tide is 1.25 ft (0.38 m) at 10/15/2008 08:48 AST.

Vieques Island, PR: Next predicted high tide is 0.76 ft (0.23 m) at 10/15/2008 08:24 AST.

Magueyes Island, PR: Next predicted high tide is 0.95 ft (0.29 m) at 10/14/2008 19:48 AST.

Aguadilla, PR: Next predicted high tide is 1.00 ft (0.30 m) at 10/14/2008 19:30 AST.

San Juan, PR: Next predicted high tide is 1.38 ft (0.42 m) at 10/14/2008 20:00 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: Fenstermacher

SELECT **NATIONAL HURRICANE CENTER** ADVISORY INFORMATION:

TROPICAL STORM OMAR ADVISORY NUMBER 6 500 PM AST TUE OCT 14 2008

OMAR RAPIDLY INTENSIFIES TO NEAR HURRICANE STRENGTH

AT 5 PM AST A HURRICANE WATCH AND A TROPICAL STORM WARNING HAVE BEEN ISSUED FOR PUERTO RICO AND THE U.S. VIRGIN ISLANDS.

AT 500 PM AST THE CENTER OF TROPICAL STORM OMAR WAS LOCATED BY AN AIR FORCE RESERVE UNIT RECONNAISSANCE AIRCRAFT TO BE NEAR LATITUDE 14.0 NORTH LONGITUDE 68.5 WEST OR ABOUT 345 MILES SOUTH-SOUTHWEST OF SAN JUAN PUERTO RICO AND ABOUT 120 MILES NORTH-NORTHEAST OF CURACAO.

OMAR IS MOVING TOWARD THE EAST-NORTHEAST NEAR 7 MPH. A TURN TO THE NORTHEAST IS FORECAST TO OCCUR LATER TONIGHT OR EARLY WEDNESDAY WITH A GRADUAL INCREASE IN FORWARD SPEED EXPECTED BY WEDNESDAY EVENING AND ESPECIALLY ON THURSDAY. ON THE FORECAST TRACK OMAR IS EXPECTED TO MOVE PASS OVER OR NEAR THE NORTHERN LEEWARD ISLANDS WEDNESDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 70 MPH WITH HIGHER GUSTS. ADDITIONAL STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS AND OMAR COULD BECOME A HURRICANE LATER TONIGHT OR ON WEDNESDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 90 MILES MAINLY EAST THROUGH SOUTH OF THE CENTER.

THE MINIMUM CENTRAL PRESSURE ESTIMATED FROM RECONNAISSANCE AIRCRAFT DATA IS 982 MB.

TOTAL RAINFALL AMOUNTS OF 5 TO 10 INCHES WITH MAXIMUM AMOUNTS UP TO 20 INCHES WILL BE POSSIBLE ACROSS PUERTO RICO AND THE NORTHERN LEEWARD ISLANDS ESPECIALLY ON WEDNESDAY. THESE RAINS COULD PRODUCE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES.

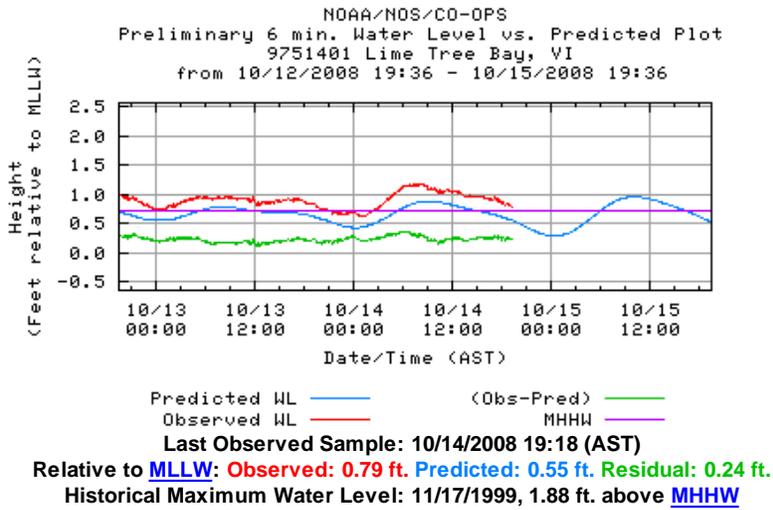
OMAR IS EXPECTED TO PRODUCE LARGE SWELLS THAT WILL AFFECT THE WEST AND SOUTH-FACING COASTS OF ALL OF THE ISLANDS OF THE LESSER ANTILLES. THESE PROLONGED SWELLS COULD CAUSE BEACH EROSION AND DAMAGE TO COASTAL STRUCTURES.

FORECASTER STEWART

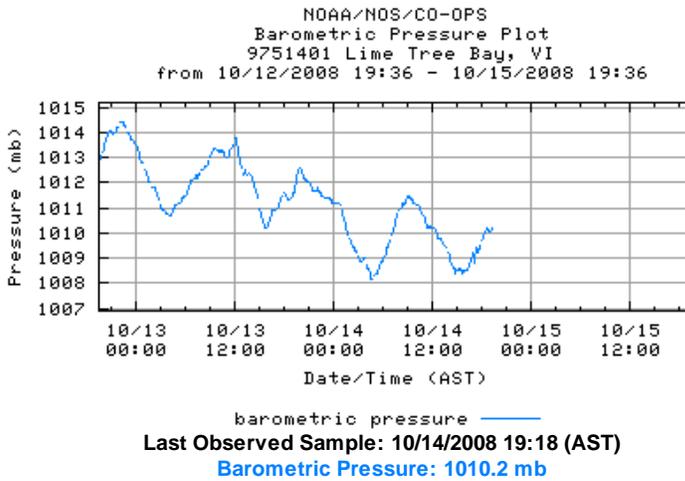
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Barometric](#), [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Lameshur Bay, St. John - Water Level](#), [Lameshur Bay, St. John - Barometric](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Winds](#), [Charlotte Amalie - Barometric](#), [Culebra - Water Level](#), [Esperanza, Vieques Island - Water Level](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Aguadilla - Water Level](#), [San Juan - Water Level](#), [San Juan - Winds](#), [San Juan - Barometric](#),

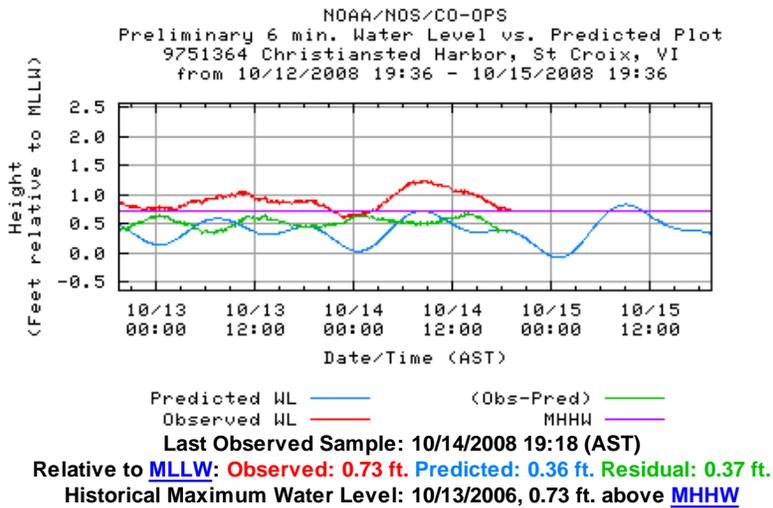
[Lime Tree Bay, VI - Station Map](#) [Return to List](#)



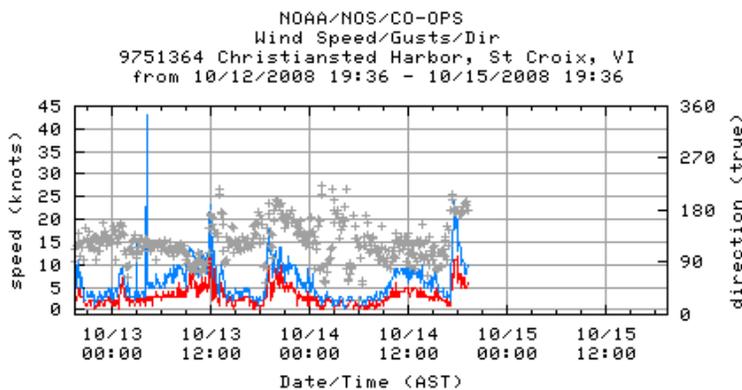
[Lime Tree Bay, VI - Station Map](#) [Return to List](#)



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

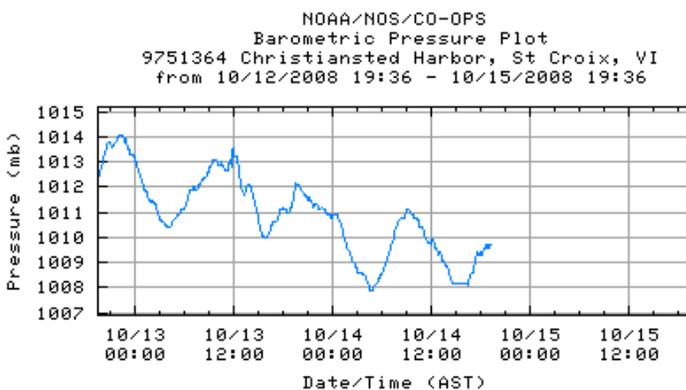


[Christiansted Harbor, St Croix, VI - Station Map](#) [Return to List](#)



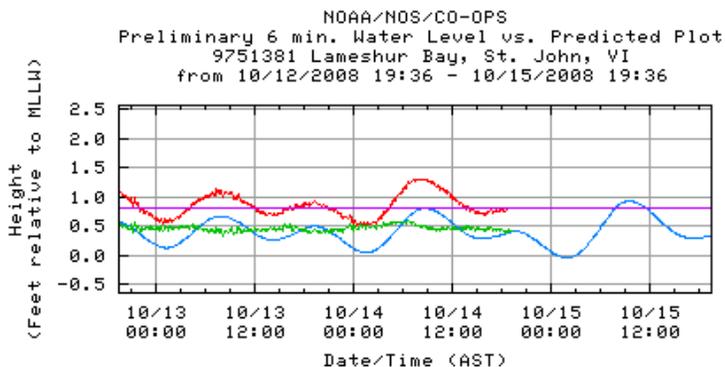
speed — gusts — direction +
Last Observed Sample: 10/14/2008 19:18 (AST)
Wind Speed: 6 knots Gusts: 10 knots Direction: 179° T

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



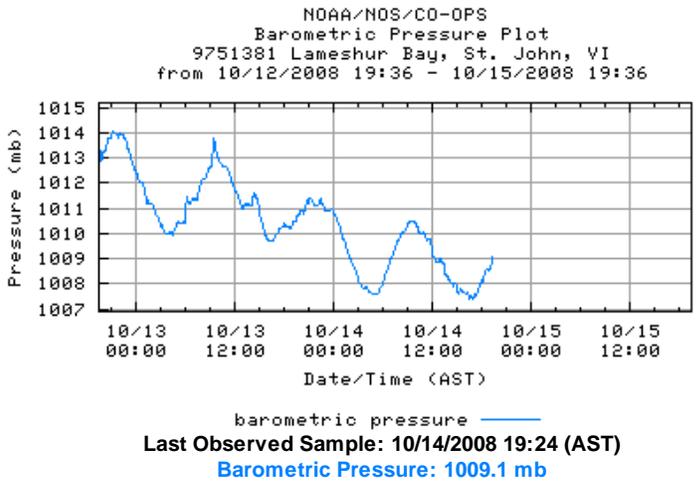
barometric pressure —
Last Observed Sample: 10/14/2008 19:18 (AST)
Barometric Pressure: 1009.7 mb

[Lameshur Bay, St. John, VI - Station Map](#) [Return to List](#)

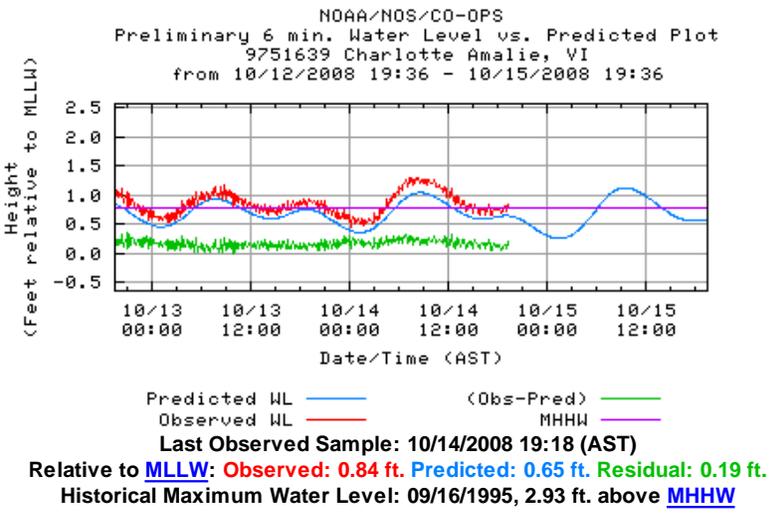


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
Last Observed Sample: 10/14/2008 19:24 (AST)
Relative to MLLW: Observed: 0.80 ft. Predicted: 0.40 ft. Residual: 0.40 ft.
Historical Maximum Water Level: n/a

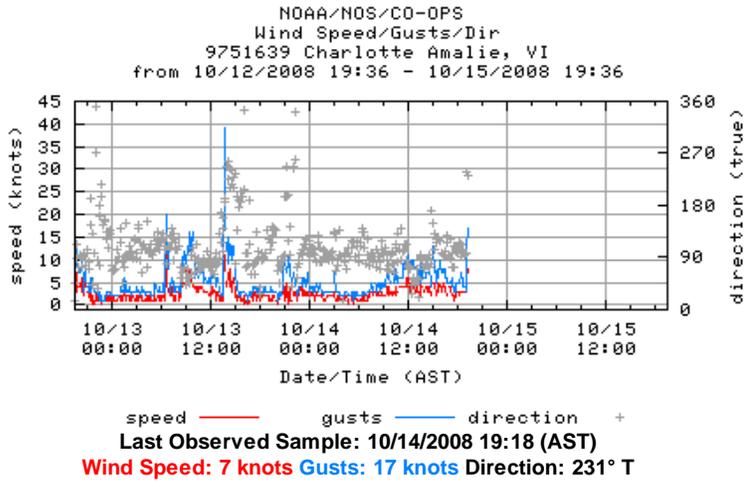
[Lameshur Bay, St. John, VI - Station Map](#) [Return to List](#)



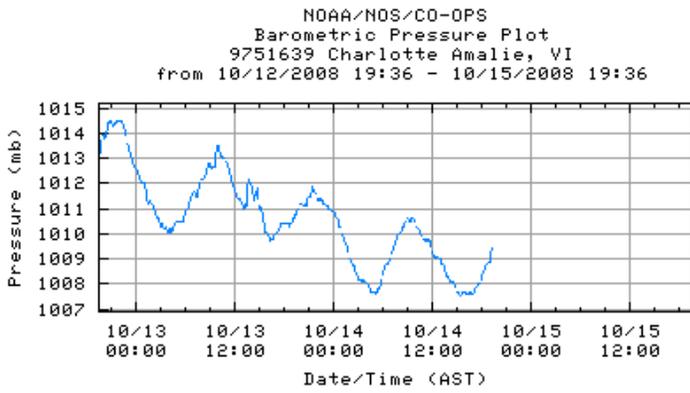
[Charlotte Amalie, VI - Station Map](#) [Return to List](#)



[Charlotte Amalie, VI - Station Map](#) [Return to List](#)

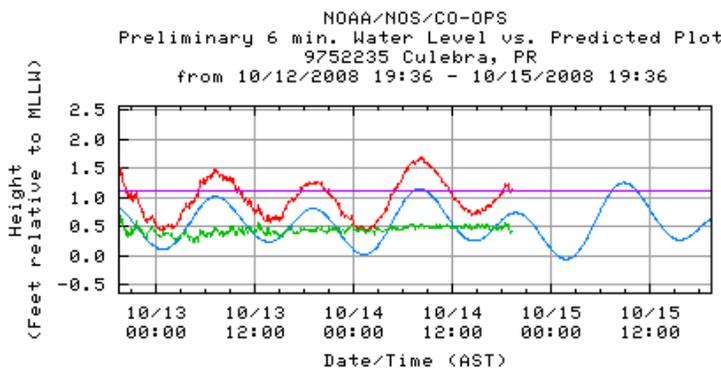


[Charlotte Amalie, VI - Station Map](#) [Return to List](#)



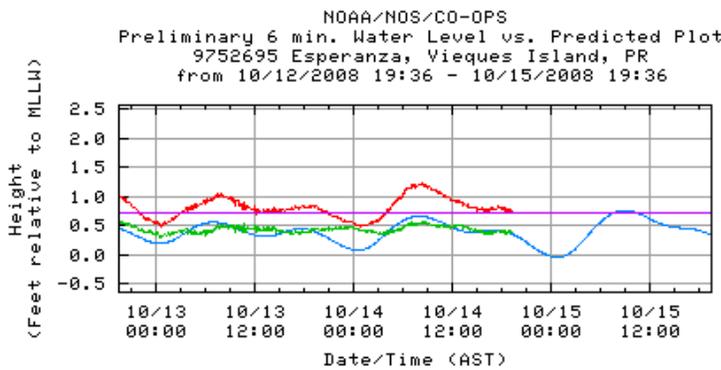
barometric pressure —
Last Observed Sample: 10/14/2008 19:18 (AST)
Barometric Pressure: 1009.4 mb

[Culebra, PR - Station Map](#) [Return to List](#)



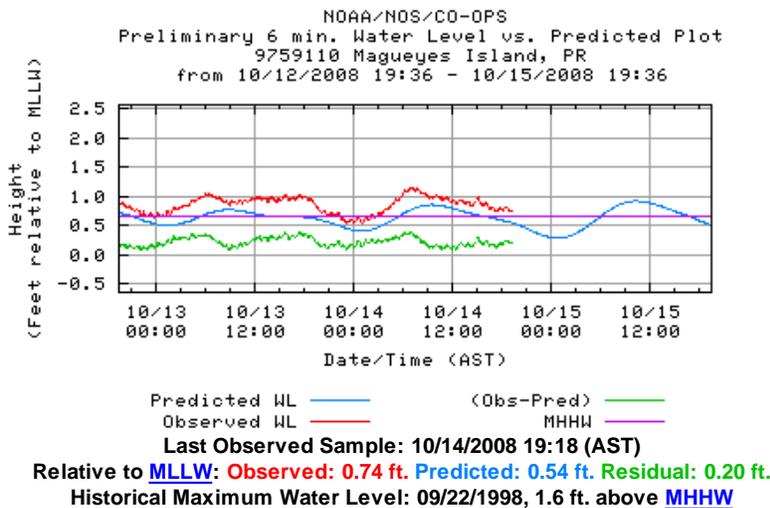
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —
Last Observed Sample: 10/14/2008 19:24 (AST)
Relative to MLLW: Observed: 1.13 ft. Predicted: 0.73 ft. Residual: 0.40 ft.
Historical Maximum Water Level: 11/06/2006, 0.86 ft. above MHHW

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

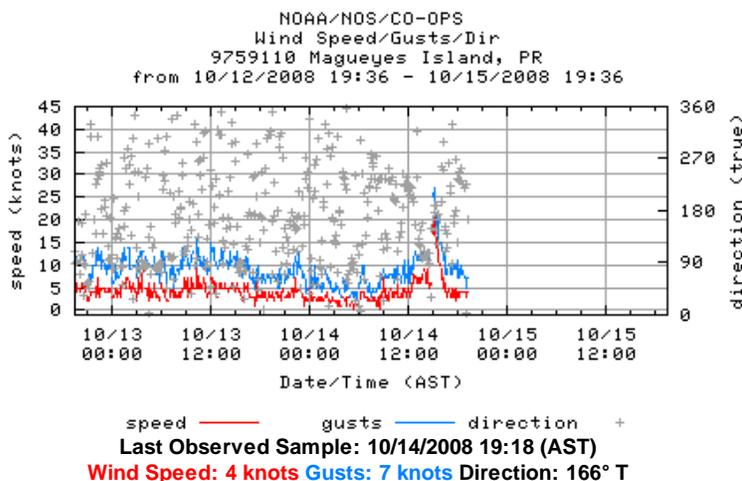


Predicted WL — (Obs-Pred) —
Observed WL — MHHW —
Last Observed Sample: 10/14/2008 19:24 (AST)
Relative to MLLW: Observed: 0.72 ft. Predicted: 0.35 ft. Residual: 0.37 ft.
Historical Maximum Water Level: 10/13/2006, 0.83 ft. above MHHW

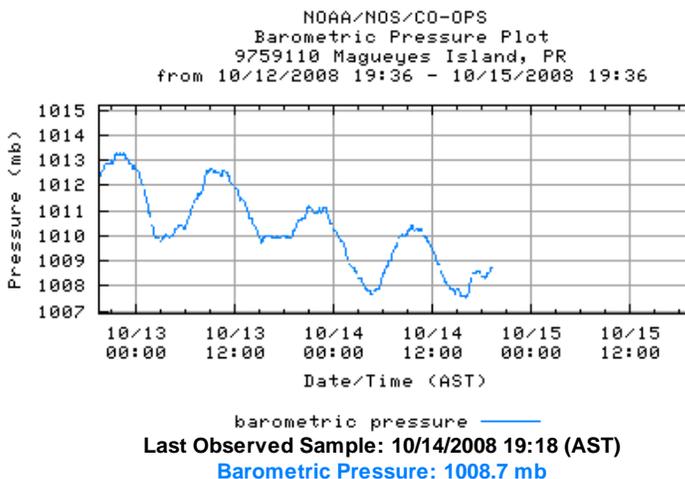
[Maqueyes Island, PR - Station Map](#) [Return to List](#)



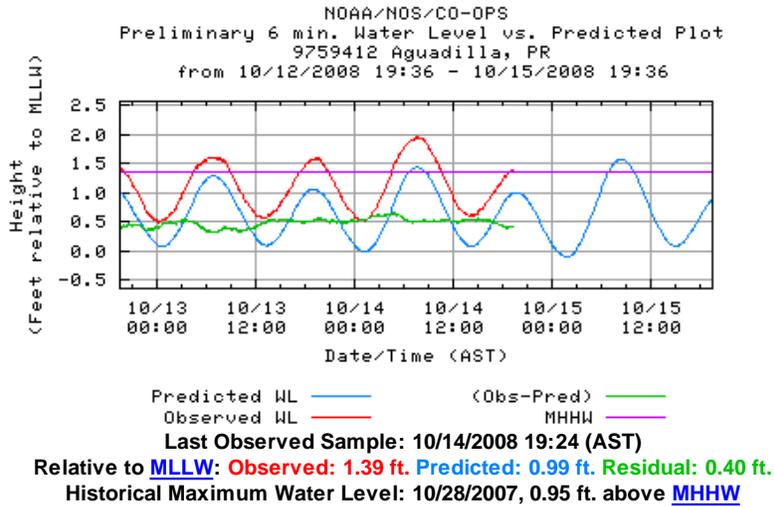
[Magueyes Island, PR - Station Map](#) [Return to List](#)



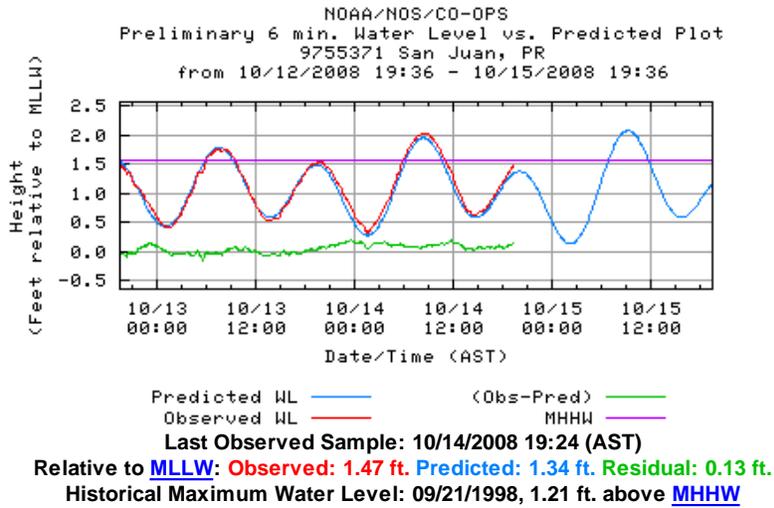
[Magueyes Island, PR - Station Map](#) [Return to List](#)



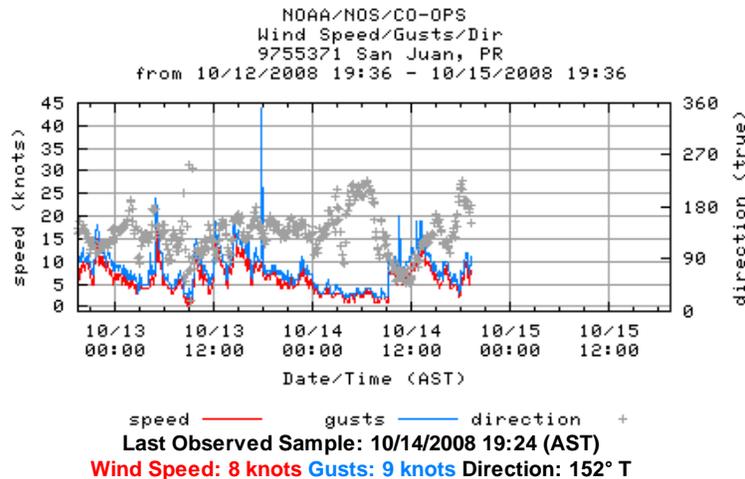
[Aguadilla, PR - Station Map](#) [Return to List](#)



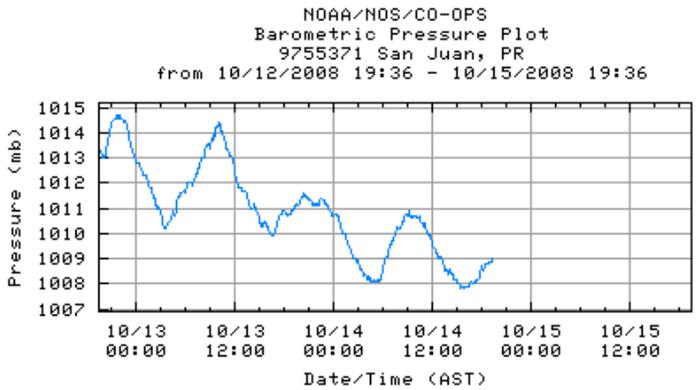
[San Juan, PR - Station Map](#) [Return to List](#)



[San Juan, PR - Station Map](#) [Return to List](#)



[San Juan, PR - Station Map](#) [Return to List](#)



barometric pressure —
Last Observed Sample: 10/14/2008 19:24 (AST)
Barometric Pressure: 1009.0 mb

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