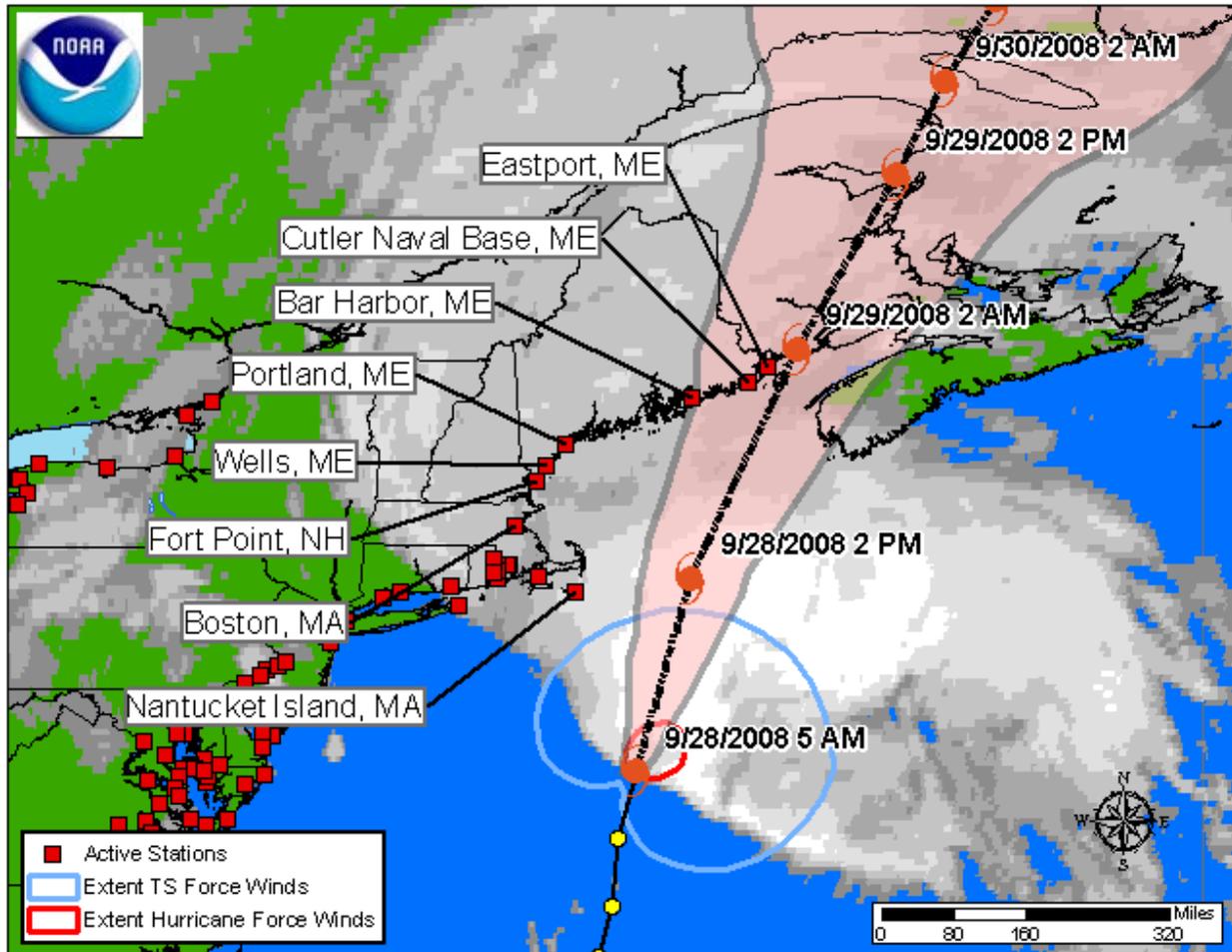




Hurricane KYLE QuickLook
Posted: 06:30 AST 09/28/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/28/2008 06:30 AST, water levels from Massachusetts to Maine are slightly elevated and range 0.1-0.5 ft above predicted. Barometric Pressure is falling along the coast of Maine.

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

Nantucket Island, MA: Next predicted high tide is 3.47 ft (1.06 m) at 09/28/2008 12:12 EDT.

Boston, MA: Next predicted high tide is 10.35 ft (3.15 m) at 09/28/2008 11:09 EDT.

Fort Point, NH: Next predicted high tide is 9.70 ft (2.96 m) at 09/28/2008 11:06 EDT.

Wells, ME: Next predicted high tide is 9.71 ft (2.96 m) at 09/28/2008 11:09 EDT.

Portland, ME: Next predicted high tide is 9.98 ft (3.04 m) at 09/28/2008 11:06 EDT.

Bar Harbor, ME: Next predicted high tide is 11.57 ft (3.53 m) at 09/28/2008 10:42 EDT.

Cutler Naval Base, ME: Next predicted high tide is 13.68 ft (4.17 m) at 09/28/2008 10:36 EDT.

Eastport, ME: Next predicted high tide is 19.61 ft (5.98 m) at 09/28/2008 10:42 EDT.

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.

The next Storm QuickLook will be issued at 12:00 AST 09/28/2008 unless conditions warrant.

Analyst: ND

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

HURRICANE KYLE ADVISORY NUMBER 11

500 AM AST SUN SEP 28 2008

KYLE HEADING TOWARDS NOVA SCOTIA AND THE GULF OF MAINE

A HURRICANE WATCH REMAINS IN EFFECT FOR THE COAST OF MAINE FROM STONINGTON EASTWARD TO EASTPORT. A HURRICANE WATCH IS ALSO IN EFFECT FOR SOUTHWESTERN NOVA SCOTIA CANADA.

A TROPICAL STORM WARNING IS IN EFFECT ALONG THE COAST OF MAINE FROM PORT CLYDE EASTWARD TO EASTPORT. A TROPICAL STORM WARNING IS ALSO IN EFFECT FOR SOUTHERN NEW BRUNSWICK CANADA AND SOUTHWESTERN NOVA SCOTIA.

A TROPICAL STORM WATCH IS IN EFFECT FOR THE COAST OF MAINE SOUTH OF PORT CLYDE TO CAPE ELIZABETH INCLUDING THE PORTLAND AREA. A TROPICAL STORM WATCH IS ALSO IN EFFECT FOR THE REMAINDER OF NOVA SCOTIA.

INTERESTS ELSEWHERE IN NEW ENGLAND AND THE CANADIAN MARITIMES SHOULD MONITOR THE PROGRESS OF KYLE.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA INCLUDING POSSIBLE INLAND WATCHES AND WARNING PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

AT 500 AM AST 0900Z THE CENTER OF HURRICANE KYLE WAS LOCATED BY AN AIR FORCE RESERVE UNIT RECONNAISSANCE AIRCRAFT TO BE NEAR LATITUDE 38.4 NORTH LONGITUDE 69.1 WEST OR ABOUT 205 MILES 335 KM SOUTH-SOUTHEAST OF NANTUCKET MASSACHUSETTS AND ABOUT 405 MILES 655 KM SOUTH-SOUTHWEST OF YARMOUTH NOVA SCOTIA.

KYLE IS MOVING TOWARD THE NORTH NEAR 24 MPH 39 KM/HR. A TURN

TOWARD THE NORTH-NORTHEAST IS EXPECTED LATER TODAY. ON THIS TRACK THE CENTER OF KYLE IS FORECAST TO PASS EAST OF CAPE COD MASSACHUSETTS ON SUNDAY AND APPROACH THE COAST OF MAINE AND THE CANADIAN MARITIMES SUNDAY NIGHT OR EARLY MONDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 75 MPH 120 KM/HR WITH HIGHER GUSTS. KYLE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. NO SIGNIFICANT CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 12 HOURS WITH GRADUAL WEAKENING EXPECTED THEREAFTER.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 70 MILES 110 KM FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 205 MILES 335 KM MAINLY TO THE NORTH AND EAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 996 MB 29.41 INCHES.

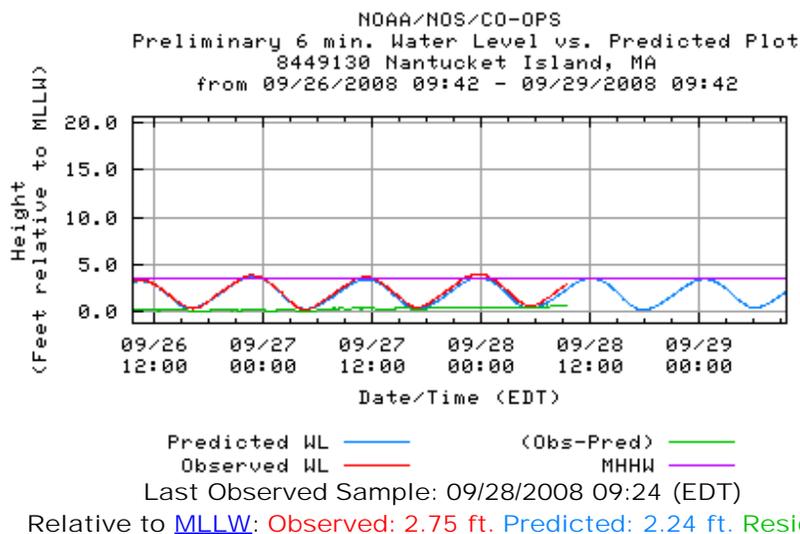
TIDES OF 1 TO 2 FEET ABOVE NORMAL WITH LOCALLY HIGHER LEVELS IN THE BAY OF FUNDY AND ACCOMPANIED BY LARGE AND DANGEROUS BATTERING WAVES ARE EXPECTED ALONG THE COASTS OF OF NEW ENGLAND AND THE CANADIAN MARITIMES IN ASSOCIATION WITH KYLE.

RAINFALL TOTALS OF 2 TO 4 INCHES WITH MAXIMUM AMOUNTS OF 6 INCHES ARE POSSIBLE OVER THE EXTREME EASTERN PORTIONS OF THE NEW ENGLAND STATES NEW BRUNSWICK NOVA SCOTIA AND PRINCE EDWARD ISLAND THROUGH MONDAY MORNING.

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.

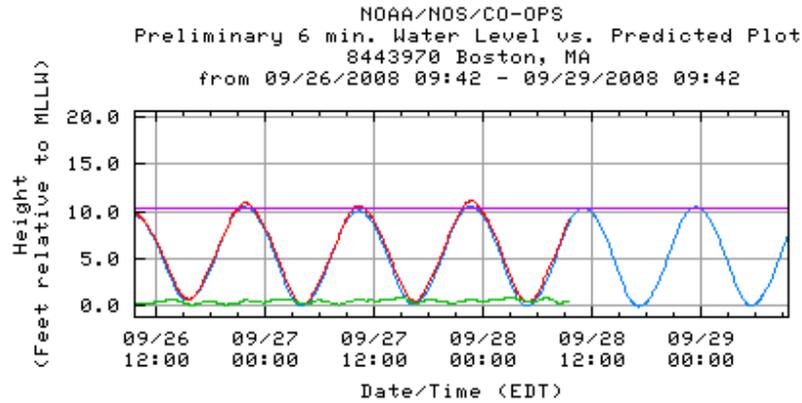
Jump to: [Nantucket Island - Water Level](#), [Boston - Water Level](#), [Fort Point - Water Level](#), [Wells - Water Level](#), [Wells - Winds](#), [Wells - Barometric](#), [Portland - Water Level](#), [Bar Harbor - Water Level](#), [Bar Harbor - Winds](#), [Bar Harbor - Barometric](#), [Cutler Naval Base - Water Level](#), [Cutler Naval Base - Winds](#), [Cutler Naval Base - Barometric](#), [Eastport - Water Level](#), [Eastport - Winds](#), [Eastport - Barometric](#),
[Nantucket Island, MA - Station Map](#) [Return to List](#)



0.51 ft.

Historical Maximum Water Level: 10/30/1991, 4.29 ft. above [MHHW](#)

[Boston, MA - Station Map](#) [Return to List](#)



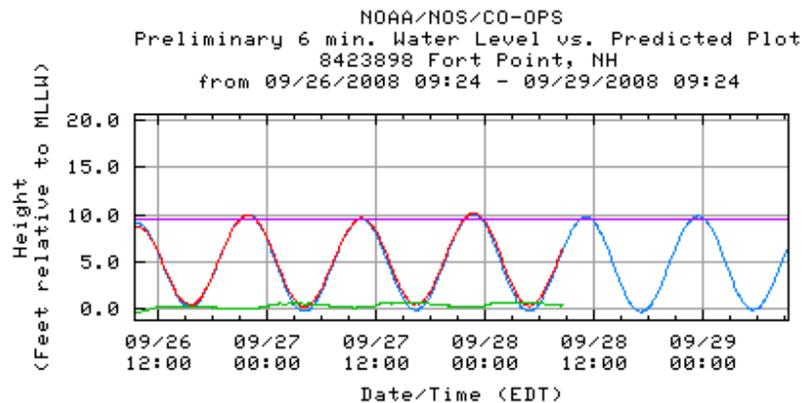
Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/28/2008 09:30 (EDT)

Relative to [MLLW](#): Observed: 9.09 ft. Predicted: 8.67 ft. Residual:
 0.42 ft.

Historical Maximum Water Level: 02/07/1978, 4.82 ft. above [MHHW](#)

[Fort Point, NH - Station Map](#) [Return to List](#)



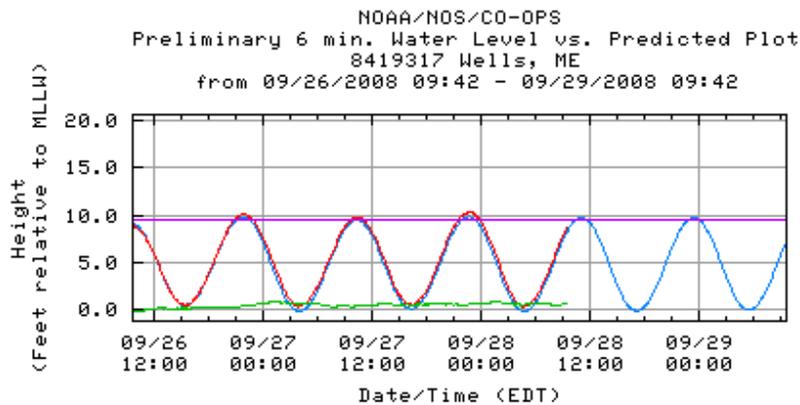
Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/28/2008 08:30 (EDT)

Relative to [MLLW](#): Observed: 6.41 ft. Predicted: 6.10 ft. Residual:
 0.31 ft.

Historical Maximum Water Level: n/a

[Wells, ME - Station Map](#) [Return to List](#)



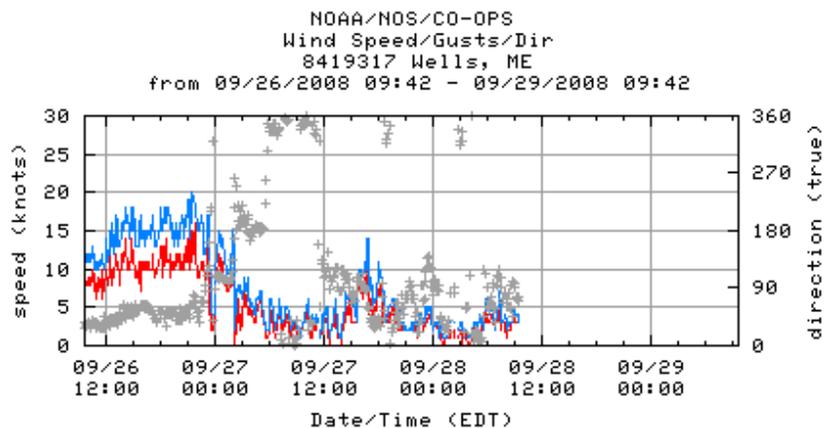
Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/28/2008 09:30 (EDT)

Relative to [MLLW](#): Observed: 8.66 ft. Predicted: 8.16 ft. Residual: 0.50 ft.

Historical Maximum Water Level: n/a

[Wells, ME](#) - Station Map [Return to List](#)

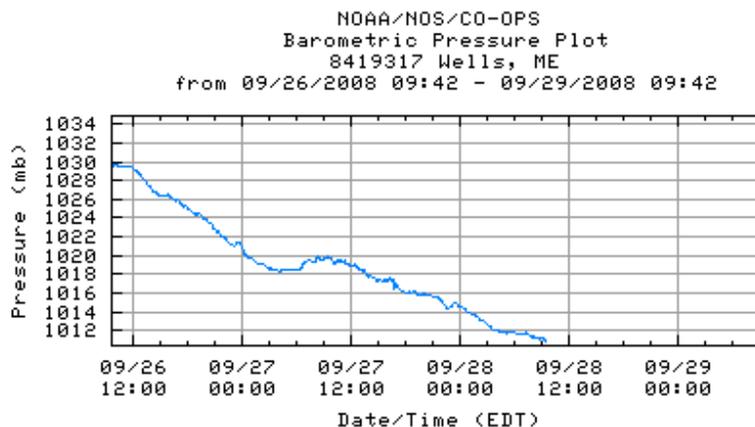


speed ——— gusts ——— direction +

Last Observed Sample: 09/28/2008 09:30 (EDT)

Wind Speed: 3 knots Gusts: 3 knots Direction: 075°

[Wells, ME](#) - Station Map [Return to List](#)

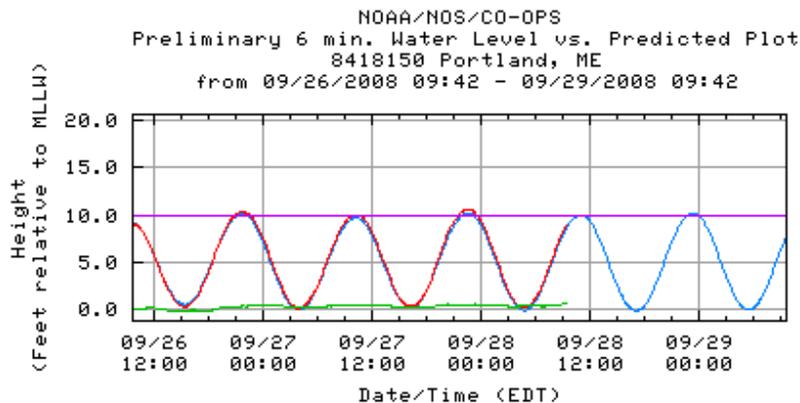


barometric pressure ———

Last Observed Sample: 09/28/2008 09:30 (EDT)

Barometric Pressure: 1010.9 mb

[Portland, ME](#) - Station Map [Return to List](#)



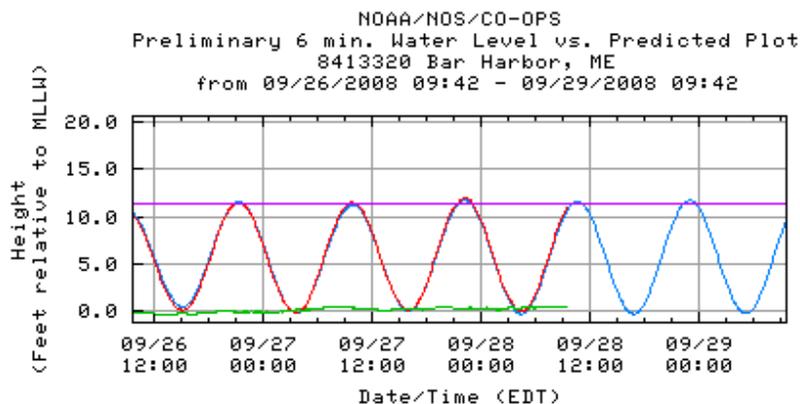
Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/28/2008 09:24 (EDT)

Relative to [MLLW](#): **Observed: 8.97 ft.** **Predicted: 8.43 ft.** **Residual: 0.54 ft.**

Historical Maximum Water Level: 02/07/1978, 4.22 ft. above [MHHW](#)

[Bar Harbor, ME - Station Map](#) [Return to List](#)



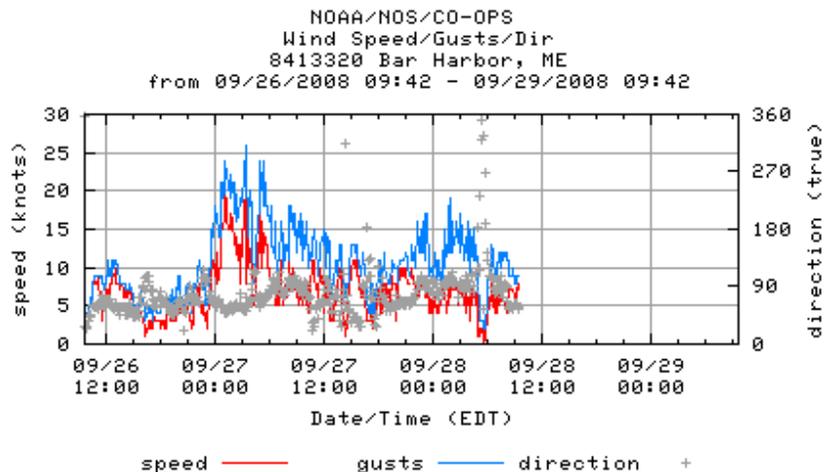
Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/28/2008 09:30 (EDT)

Relative to [MLLW](#): **Observed: 10.85 ft.** **Predicted: 10.51 ft.** **Residual: 0.34 ft.**

Historical Maximum Water Level: 02/07/1978, 4.84 ft. above [MHHW](#)

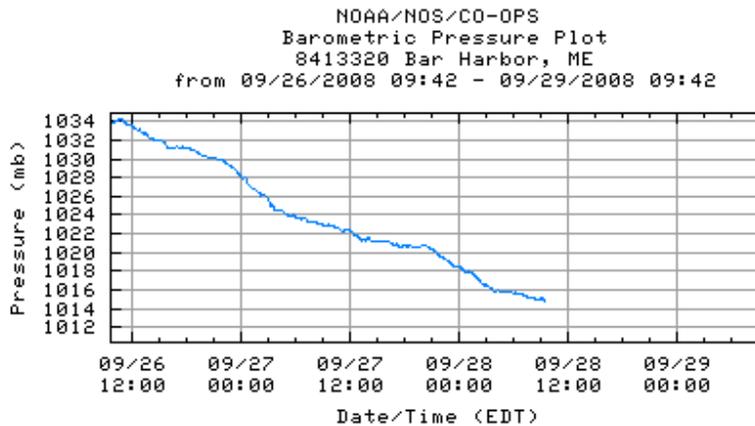
[Bar Harbor, ME - Station Map](#) [Return to List](#)



speed ——— gusts ——— direction +

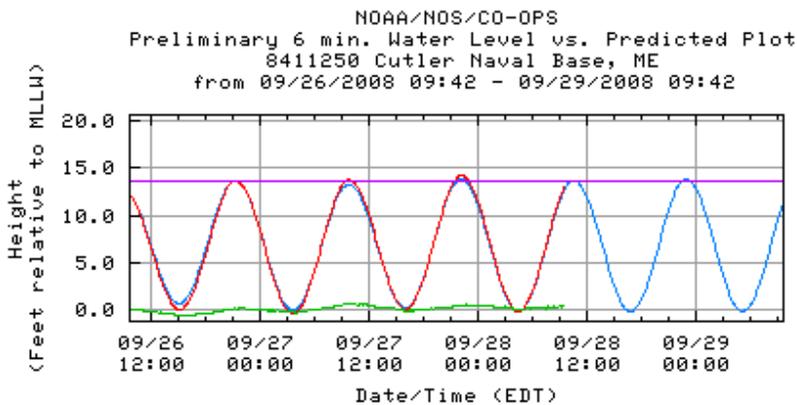
Last Observed Sample: 09/28/2008 09:30 (EDT)
 Wind Speed: 7 knots Gusts: 9 knots Direction: 056° T

[Bar Harbor, ME - Station Map](#) [Return to List](#)



Last Observed Sample: 09/28/2008 09:30 (EDT)
 Barometric Pressure: 1014.7 mb

[Cutler Naval Base, ME - Station Map](#) [Return to List](#)

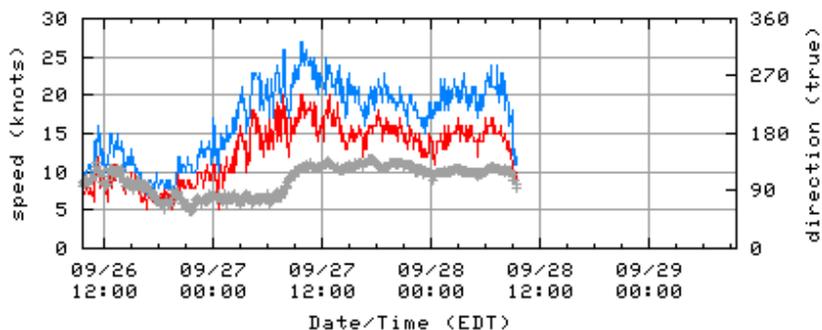


Last Observed Sample: 09/28/2008 09:30 (EDT)
 Relative to [MLLW](#): Observed: 12.98 ft. Predicted: 12.57 ft. Residual: 0.41 ft.

Historical Maximum Water Level: 01/28/1979, 3.69 ft. above [MHHW](#)

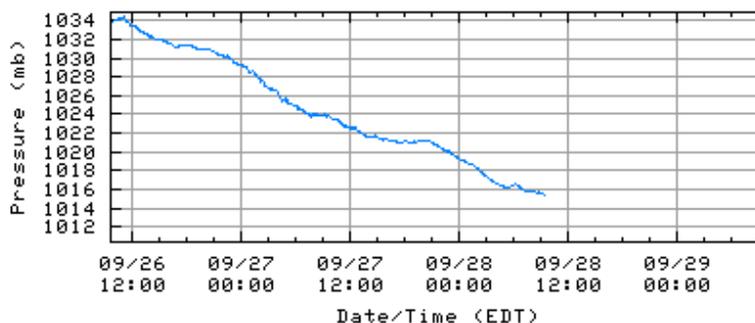
[Cutler Naval Base, ME - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8411250 Cutler Naval Base, ME
 from 09/26/2008 09:42 - 09/29/2008 09:42



speed — gusts — direction +
 Last Observed Sample: 09/28/2008 09:30 (EDT)
 Wind Speed: 10 knots Gusts: 12 knots Direction: 096° T
[Cutler Naval Base, ME - Station Map](#) [Return to List](#)

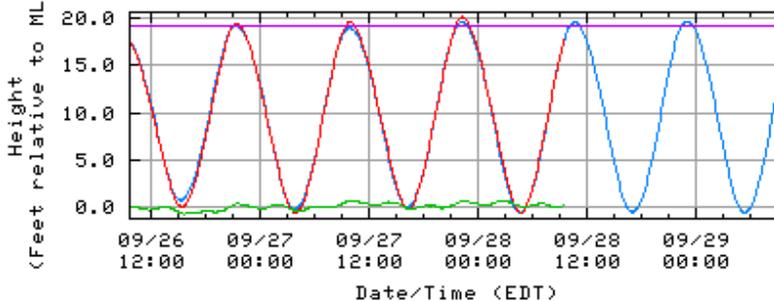
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8411250 Cutler Naval Base, ME
 from 09/26/2008 09:42 - 09/29/2008 09:42



barometric pressure —
 Last Observed Sample: 09/28/2008 09:30 (EDT)
 Barometric Pressure: 1015.3 mb

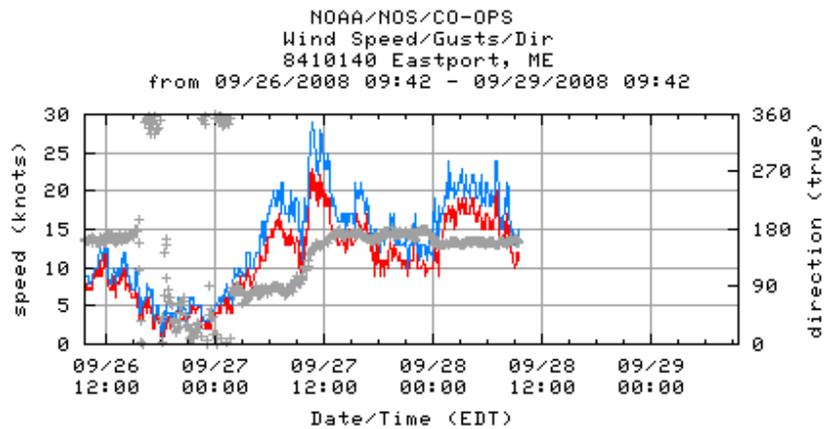
[Eastport, ME - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8410140 Eastport, ME
 from 09/26/2008 09:42 - 09/29/2008 09:42



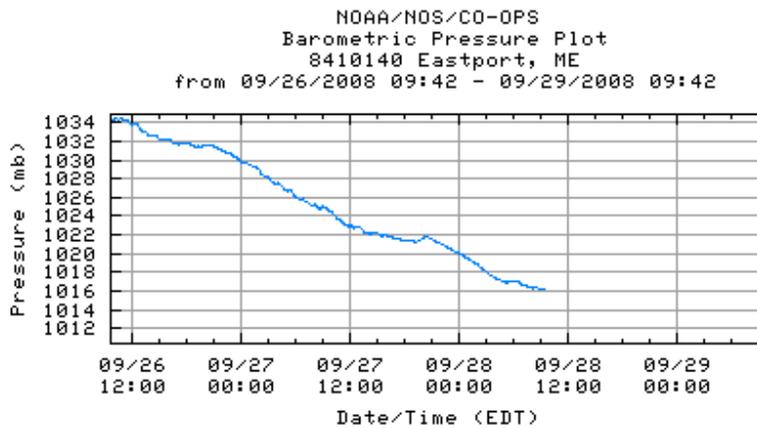
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
 Last Observed Sample: 09/28/2008 09:30 (EDT)
 Relative to [MLLW](#): Observed: 17.74 ft. Predicted: 17.64 ft. Residual:
 0.10 ft.

Historical Maximum Water Level: 01/10/1997, 4.95 ft. above [MHHW](#)
[Eastport, ME - Station Map](#) [Return to List](#)



speed — gusts — direction +
Last Observed Sample: 09/28/2008 09:30 (EDT)
Wind Speed: 12 knots Gusts: 15 knots Direction: 160° T

[Eastport, ME - Station Map](#) [Return to List](#)



barometric pressure —
Last Observed Sample: 09/28/2008 09:30 (EDT)
Barometric Pressure: 1016.2 mb