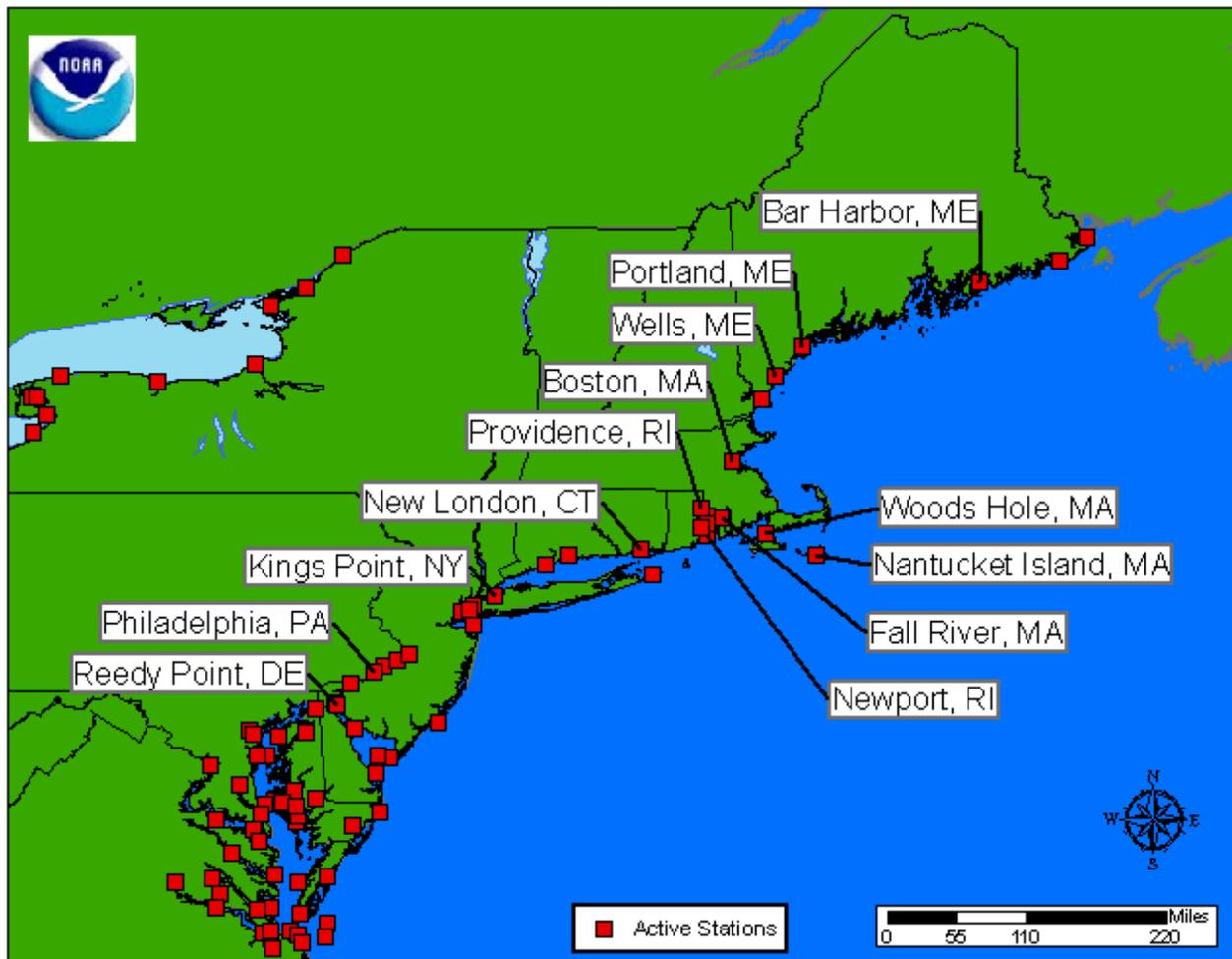




Tropical Storm HANNA QuickLook
Posted: 06:30 EDT 09/07/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

No further QuickLooks will be posted for this storm unless conditions warrant and the National Hurricane Center (NHC) issues a new Tropical Storm Warning for the U.S. coastline.

As of 09/07/2008 06:30 EDT water levels along the coasts of Maine and Massachusetts are slightly elevated and range from 0.7-0.9 feet above predicted. Water levels are falling and up to 0.6 feet below predicted south from Fall River, MA to Kings Point, NY. Barometric pressure has started to rise along the New England coast; however, it is still falling at Bar Harbor, ME.

Water Level and Meteorological plots available below are updated automatically.

Water levels in bays and associated waterways may remain elevated and include impacts from hydrological forces, including rainfall runoff. For additional hydrological information, please see [NWS Advanced Hydrologic Prediction Services](#) or [National Weather Service Forecast Office](#). Future information on this system can be found in public advisories issued by the [Hydrometeorological Prediction Center](#).

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: ND

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

TROPICAL STORM HANNA ADVISORY NUMBER 42

500 AM EDT SUN SEP 07 2008

HANNA LOSES TROPICAL CHARACTERISTICS AS IT MOVES THROUGH NEW ENGLAND

AT 5 AM EDT 0900 UTC ALL COASTAL TROPICAL STORM WARNINGS ARE DISCONTINUED.

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

AT 500 AM EDT 0900Z THE CENTER OF TROPICAL STORM HANNA WAS LOCATED NEAR LATITUDE 42.6 NORTH LONGITUDE 70.0 WEST OR ABOUT 60 MILES 100 KM NORTH OF CHATHAM MASSACHUSETTS AND ABOUT 350 MILES 560 KM WEST-SOUTHWEST OF HALIFAX NOVA SCOTIA.

HANNA IS MOVING TOWARD THE NORTHEAST NEAR 36 MPH 57 KM/HR AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 24 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH 85 KM/HR WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 200 MILES 325 KM MAINLY OVER WATER TO THE EAST AND SOUTH OF THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 995 MB 29.38 INCHES.

HANNA IS EXPECTED TO PRODUCE ADDITIONAL RAINFALL ACCUMULATIONS OF 1 TO 2 INCHES ACROSS CENTRAL TO SOUTHERN MAINE EARLY SUNDAY MORNING WITH THE RAINFALL ENDING ACROSS MAINE BY AROUND SUNRISE.

THIS IS THE LAST PUBLIC ADVISORY ISSUED BY THE NATIONAL HURRICANE CENTER ON THIS SYSTEM. FUTURE INFORMATION ON THIS SYSTEM CAN BE FOUND IN HIGH SEAS FORECASTS ISSUED BY THE NATIONAL WEATHER SERVICE OCEAN PREDICTION CENTER UNDER AWIPS HEADER NFDHSFAT1 AND WMO HEADER FZNT01 KWBC.

FORECASTER FRANKLIN

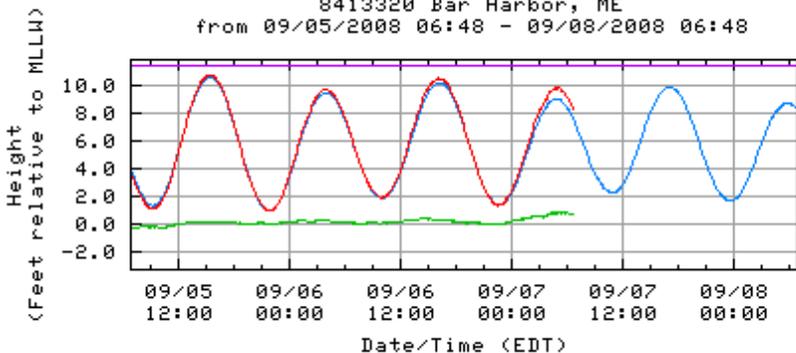
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Bar Harbor - Water Level](#), [Bar Harbor - Winds](#), [Bar Harbor - Barometric](#), [Portland - Water Level](#), [Wells - Water Level](#), [Wells - Air/Water Temp](#), [Wells - Winds](#), [Wells - Barometric](#), [Boston - Water Level](#), [Fall River - Water Level](#), [Woods Hole - Water Level](#), [Nantucket Island - Water Level](#), [Newport - Water Level](#), [Newport - Barometric](#), [Providence - Water Level](#), [Providence - Winds](#), [Providence - Barometric](#), [New London - Water Level](#), [Kings Point - Water Level](#), [Kings Point - Air/Water Temp](#), [Kings Point - Winds](#), [Kings Point - Barometric](#), [Philadelphia - Water Level](#), [Philadelphia - Air/Water Temp](#), [Philadelphia - Barometric](#)

[Reedy Point - Water Level](#), [Reedy Point - Air/Water Temp](#), [Reedy Point - Barometric](#),

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8413320 Bar Harbor, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48



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

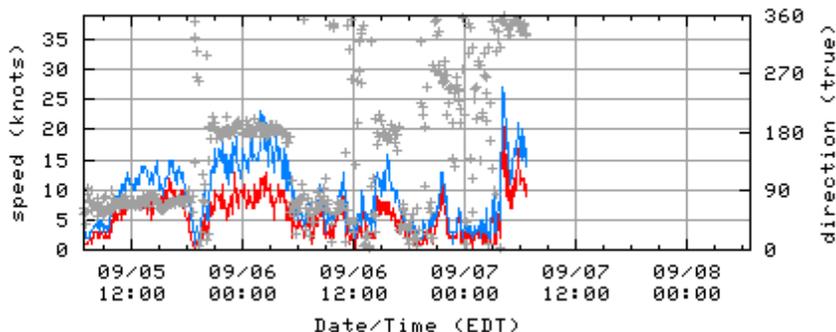
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: Observed: 8.30 ft. Predicted: 7.58 ft. Residual: 0.72 ft.

Historical Maximum Water Level: 02/07/1978, 4.84 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8413320 Bar Harbor, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48

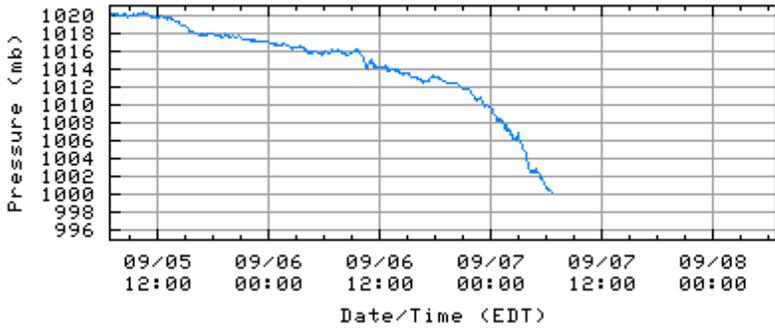


speed ——— gusts ——— direction +
 Last Observed Sample: 09/07/2008 06:36 (EDT)

Wind Speed: 9 knots Gusts: 17 knots Direction: 334° T

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

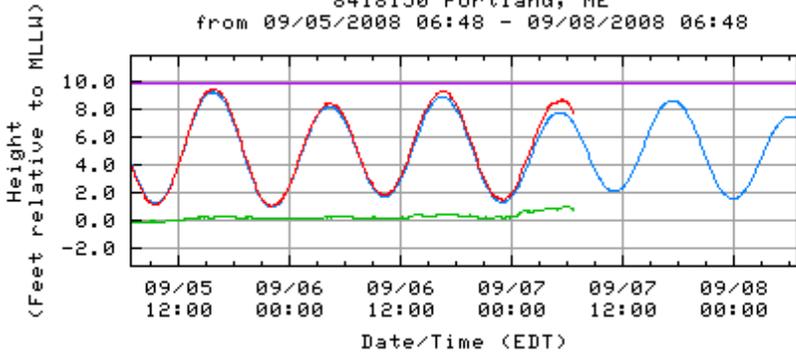
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8413320 Bar Harbor, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48



barometric pressure —
Last Observed Sample: 09/07/2008 06:36 (EDT)
Barometric Pressure: 1000.2 mb

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8418150 Portland, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48

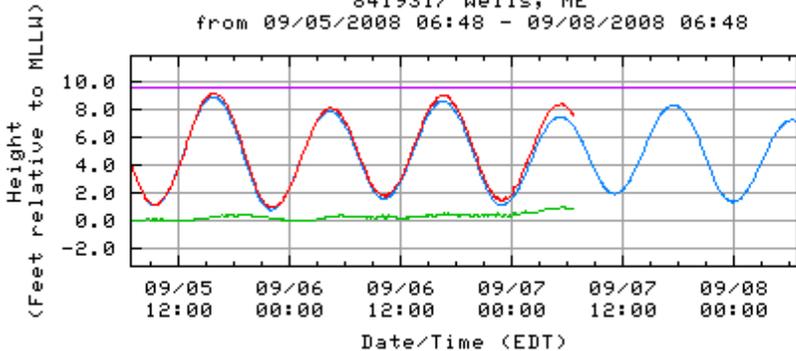


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: **Observed: 7.77 ft. Predicted: 7.02 ft. Residual: 0.75 ft.**
 Historical Maximum Water Level: 02/07/1978, 4.22 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8419317 Wells, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48

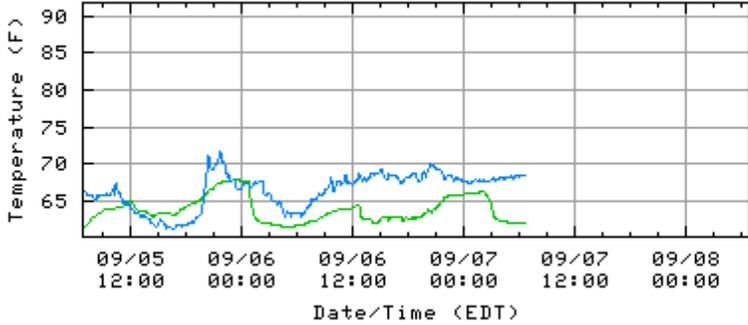


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: **Observed: 7.62 ft. Predicted: 6.82 ft. Residual: 0.80 ft.**
 Historical Maximum Water Level: n/a

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

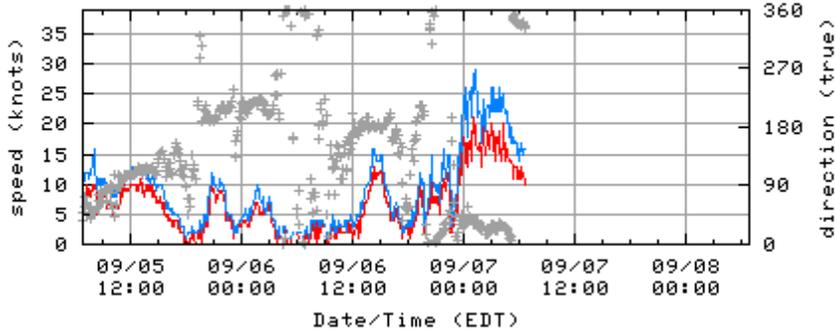
NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8419317 Wells, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48



water temp. — air temp —
Last Observed Sample: 09/07/2008 06:36 (EDT)
Water Temperature: 62.2° F Air Temperature: 68.5° F

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

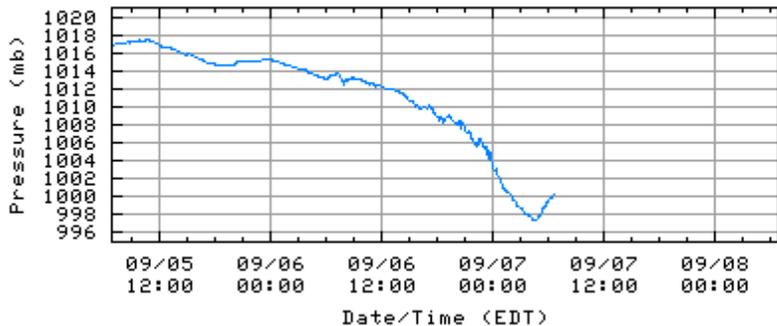
NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8419317 Wells, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48



speed — gusts — direction +
Last Observed Sample: 09/07/2008 06:36 (EDT)
Wind Speed: 11 knots Gusts: 16 knots Direction: 334° T

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

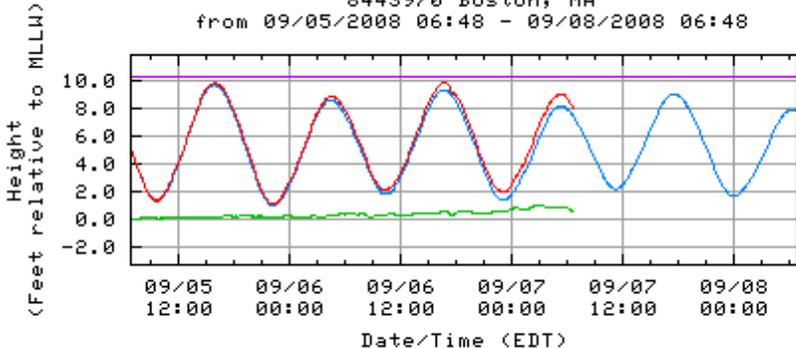
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8419317 Wells, ME
 from 09/05/2008 06:48 - 09/08/2008 06:48



barometric pressure —
Last Observed Sample: 09/07/2008 06:36 (EDT)
Barometric Pressure: 1000.2 mb

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8443970 Boston, MA
 from 09/05/2008 06:48 - 09/08/2008 06:48

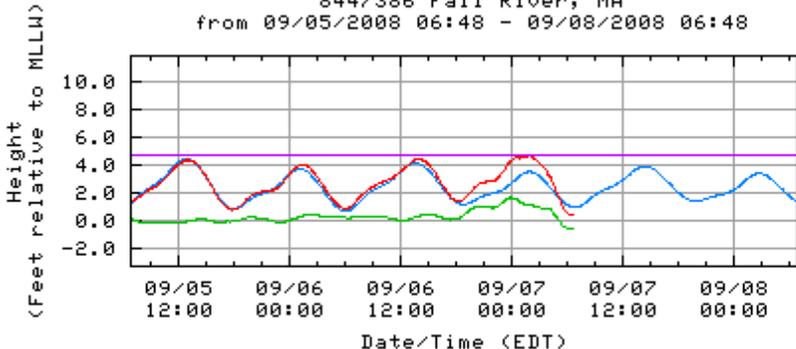


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 09/07/2008 06:36 (EDT)
Relative to MLLW: Observed: 7.99 ft. Predicted: 7.45 ft. Residual: 0.54 ft.
Historical Maximum Water Level: 02/07/1978, 4.82 ft. above MHHW

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8447386 Fall River, MA
 from 09/05/2008 06:48 - 09/08/2008 06:48

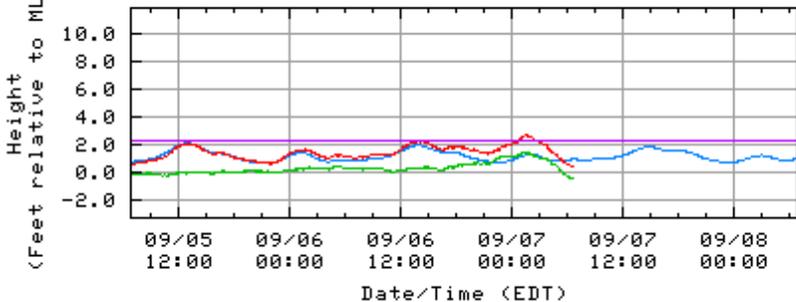


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 09/07/2008 06:36 (EDT)
Relative to MLLW: Observed: 0.37 ft. Predicted: 0.95 ft. Residual: -0.58 ft.
Historical Maximum Water Level: 12/12/2000, 2.76 ft. above MHHW

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8447930 Woods Hole, MA
 from 09/05/2008 06:48 - 09/08/2008 06:48



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

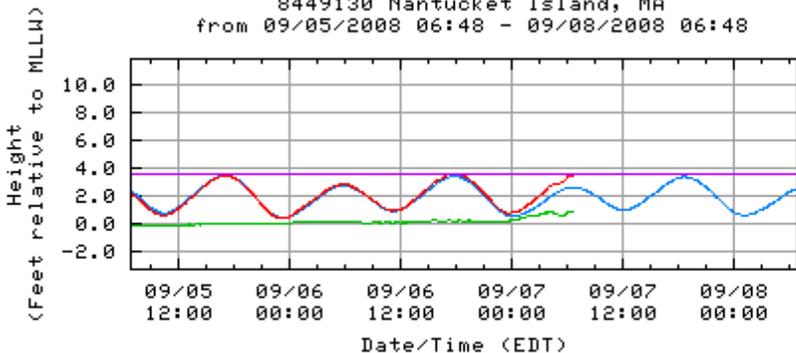
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: Observed: 0.44 ft. Predicted: 0.91 ft. Residual: -0.47 ft.

Historical Maximum Water Level: 09/21/1938, 8.58 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8449130 Nantucket Island, MA
 from 09/05/2008 06:48 - 09/08/2008 06:48



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

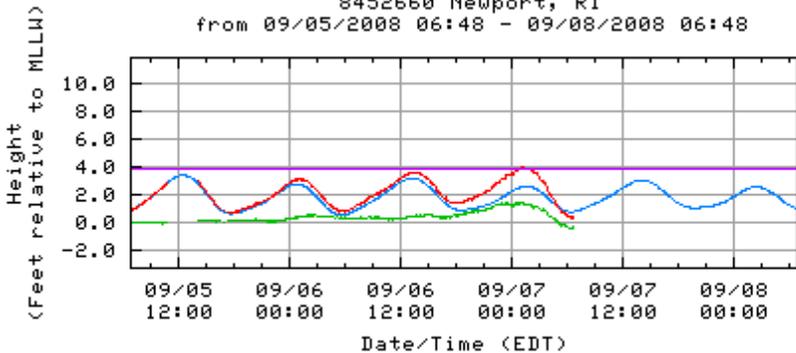
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: Observed: 3.38 ft. Predicted: 2.61 ft. Residual: 0.77 ft.

Historical Maximum Water Level: 10/30/1991, 4.29 ft. above **MHHW**

Newport, RI - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8452660 Newport, RI
 from 09/05/2008 06:48 - 09/08/2008 06:48



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

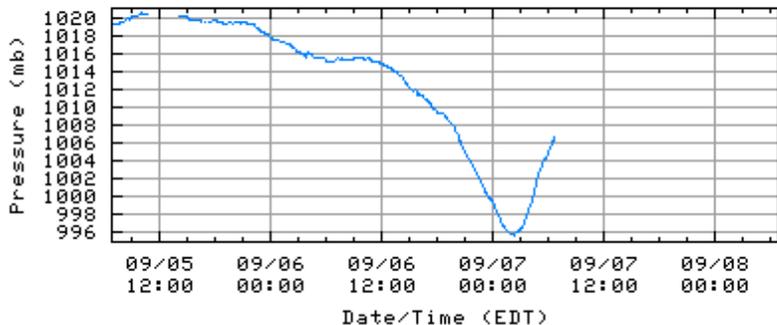
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: Observed: 0.24 ft. Predicted: 0.76 ft. Residual: -0.52 ft.

Historical Maximum Water Level: 09/21/1938, 9.46 ft. above **MHHW**

[Newport, RI - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8452660 Newport, RI
 from 09/05/2008 06:48 - 09/08/2008 06:48



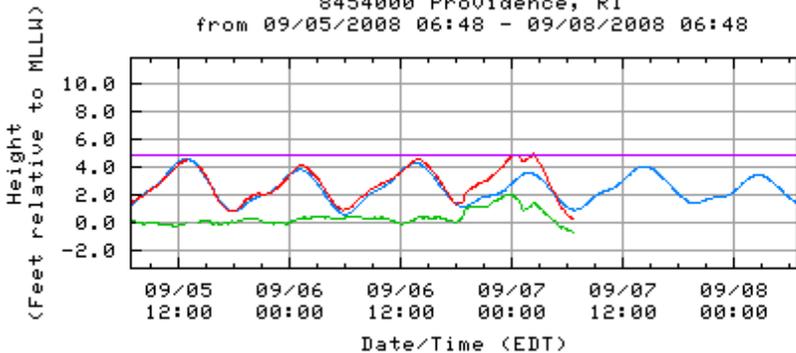
barometric pressure —

Last Observed Sample: 09/07/2008 06:36 (EDT)

Barometric Pressure: 1006.6 mb

[Providence, RI - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8454000 Providence, RI
 from 09/05/2008 06:48 - 09/08/2008 06:48



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

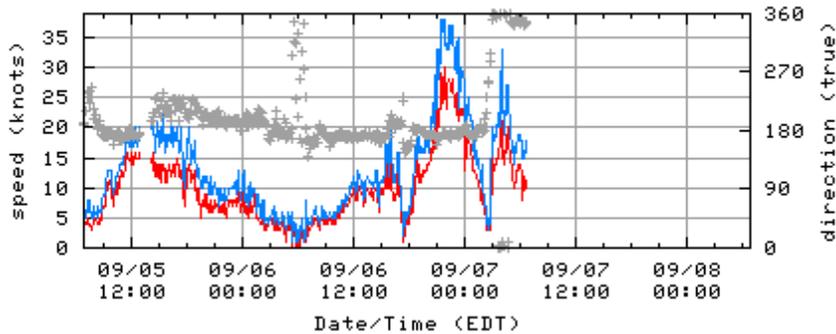
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: Observed: 0.20 ft. Predicted: 0.90 ft. Residual: -0.70 ft.

Historical Maximum Water Level: 09/21/1938, 12.67 ft. above **MHHW**

[Providence, RI - Station Map](#) [Return to List](#)

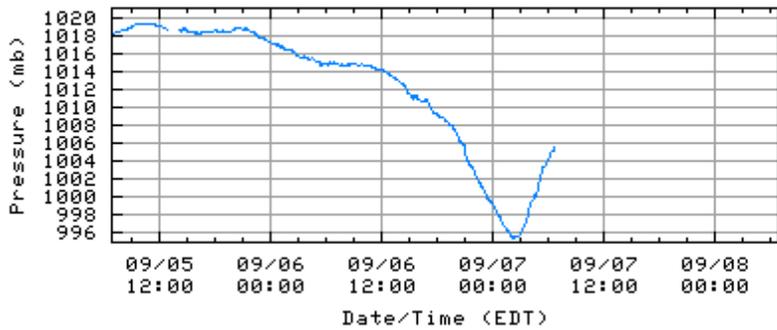
NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8454000 Providence, RI
 from 09/05/2008 06:48 - 09/08/2008 06:48



speed — gusts — direction +
Last Observed Sample: 09/07/2008 06:36 (EDT)
Wind Speed: 10 knots Gusts: 16 knots Direction: 348° T

[Providence, RI - Station Map](#) [Return to List](#)

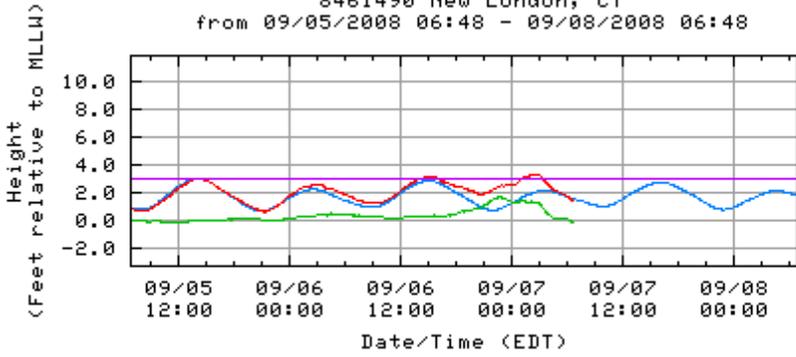
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8454000 Providence, RI
 from 09/05/2008 06:48 - 09/08/2008 06:48



barometric pressure —
Last Observed Sample: 09/07/2008 06:36 (EDT)
Barometric Pressure: 1005.5 mb

[New London, CT - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8461490 New London, CT
 from 09/05/2008 06:48 - 09/08/2008 06:48



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

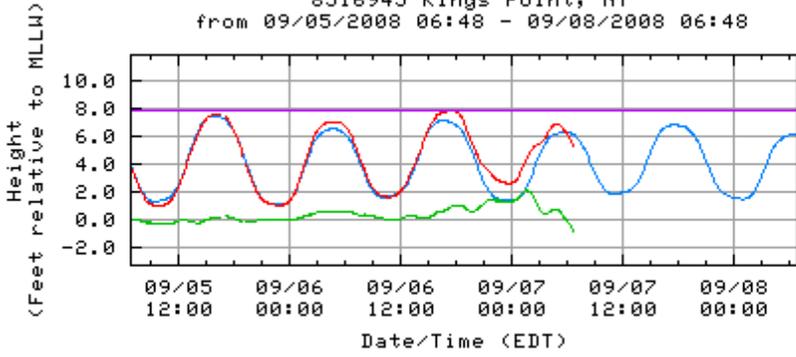
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: Observed: 1.38 ft. Predicted: 1.55 ft. Residual: -0.17 ft.

Historical Maximum Water Level: 09/21/1938, 7.53 ft. above **MHHW**

[Kings Point, NY - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8516945 Kings Point, NY
 from 09/05/2008 06:48 - 09/08/2008 06:48



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

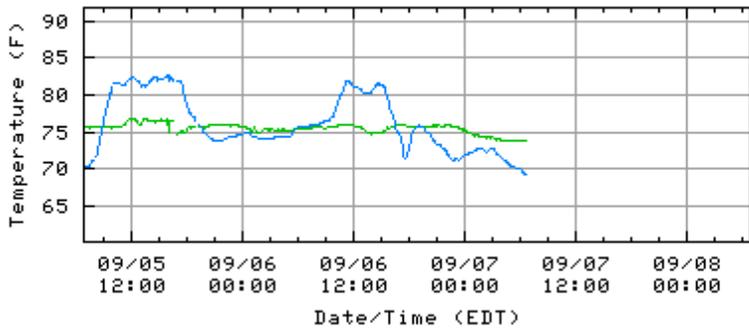
Last Observed Sample: 09/07/2008 06:36 (EDT)

Relative to **MLLW**: Observed: 5.26 ft. Predicted: 6.12 ft. Residual: -0.86 ft.

Historical Maximum Water Level: 11/06/2002, 3.08 ft. above **MHHW**

[Kings Point, NY - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8516945 Kings Point, NY
 from 09/05/2008 06:48 - 09/08/2008 06:48



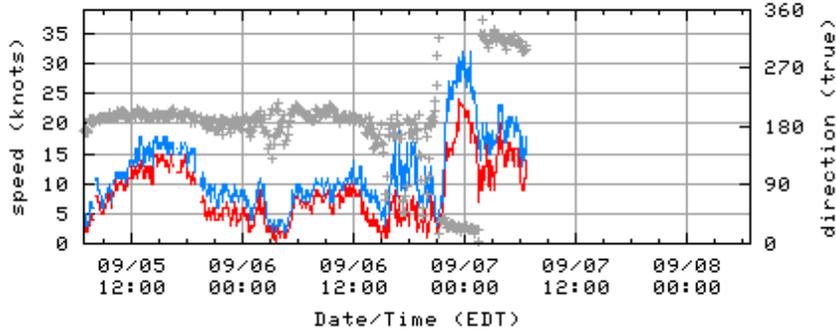
water temp. — air temp —

Last Observed Sample: 09/07/2008 06:36 (EDT)

Water Temperature: 73.8° F Air Temperature: 69.3° F

Kings Point, NY - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8516945 Kings Point, NY
 from 09/05/2008 06:48 - 09/08/2008 06:48

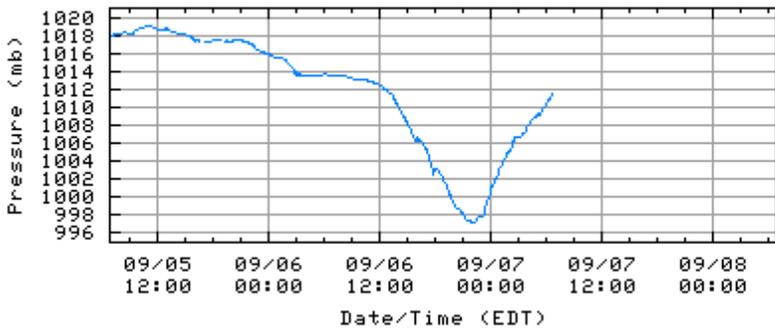


speed — gusts — direction +
Last Observed Sample: 09/07/2008 06:36 (EDT)

Wind Speed: 14 knots Gusts: 18 knots Direction: 298° T

Kings Point, NY - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8516945 Kings Point, NY
 from 09/05/2008 06:48 - 09/08/2008 06:48

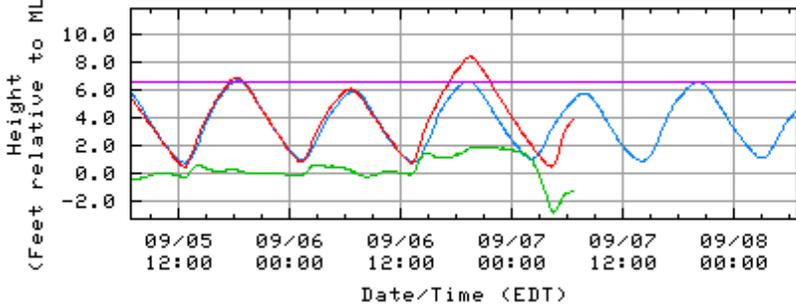


barometric pressure —
Last Observed Sample: 09/07/2008 06:36 (EDT)

Barometric Pressure: 1011.5 mb

Philadelphia, PA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8545240 Philadelphia, PA
 from 09/05/2008 06:54 - 09/08/2008 06:54



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

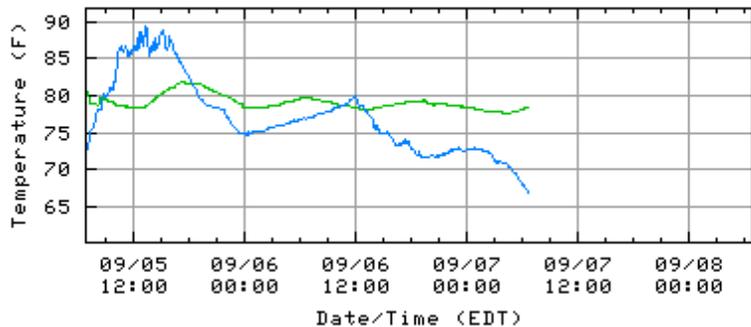
Last Observed Sample: 09/07/2008 06:42 (EDT)

Relative to **MLLW**: **Observed: 3.88 ft.** **Predicted: 5.25 ft.** **Residual: -1.37 ft.**

Historical Maximum Water Level: 11/25/1950, 3.88 ft. above **MHHW**

Philadelphia, PA - Station Map [Return to List](#)

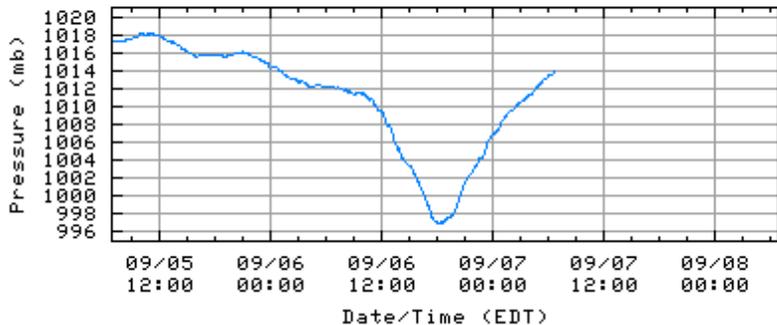
NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8545240 Philadelphia, PA
from 09/05/2008 06:54 - 09/08/2008 06:54



water temp. — water temp. — air temp — air temp —
Last Observed Sample: 09/07/2008 06:42 (EDT)
Water Temperature: 78.4° F Air Temperature: 67.0° F

Philadelphia, PA - Station Map [Return to List](#)

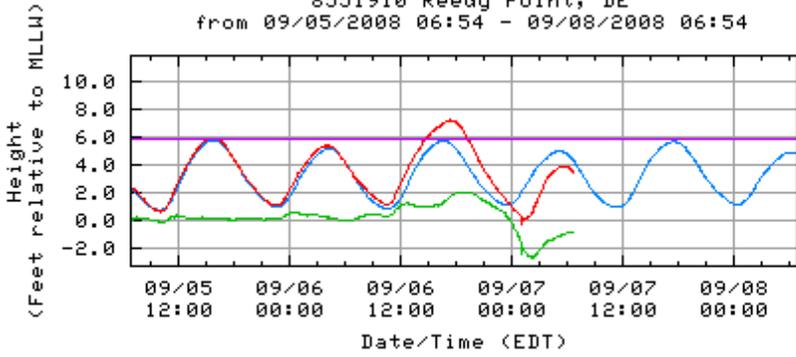
NOAA/NOS/CO-OPS
Barometric Pressure Plot
8545240 Philadelphia, PA
from 09/05/2008 06:54 - 09/08/2008 06:54



barometric pressure — barometric pressure —
Last Observed Sample: 09/07/2008 06:42 (EDT)
Barometric Pressure: 1014.0 mb

Reedy Point, DE - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8551910 Reedy Point, DE
 from 09/05/2008 06:54 - 09/08/2008 06:54



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

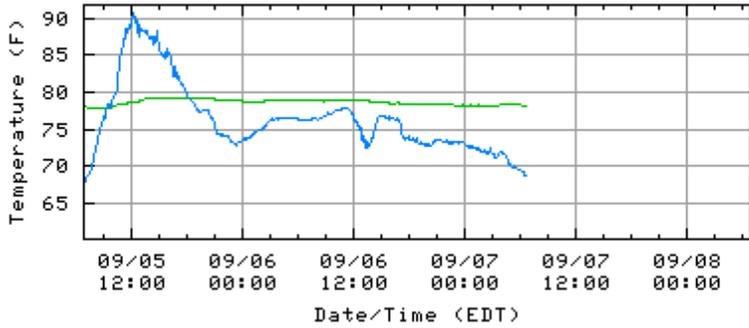
Last Observed Sample: 09/07/2008 06:42 (EDT)

Relative to **MLLW**: Observed: 3.47 ft. Predicted: 4.30 ft. Residual: -0.83 ft.

Historical Maximum Water Level: 10/25/1980, 3.04 ft. above **MHHW**

[Reedy Point, DE - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8551910 Reedy Point, DE
 from 09/05/2008 06:54 - 09/08/2008 06:54



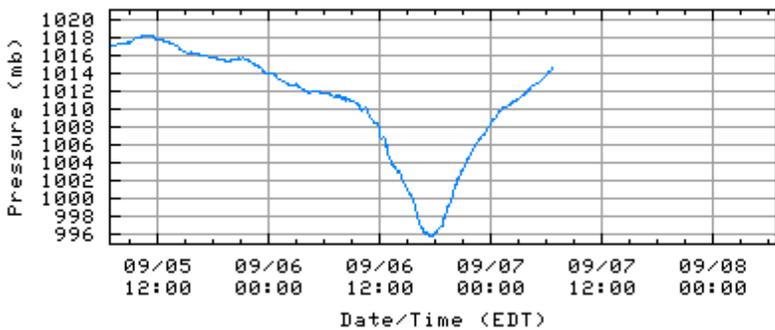
water temp. — air temp —

Last Observed Sample: 09/07/2008 06:42 (EDT)

Water Temperature: 78.2° F Air Temperature: 68.8° F

[Reedy Point, DE - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8551910 Reedy Point, DE
 from 09/05/2008 06:54 - 09/08/2008 06:54



barometric pressure —

Last Observed Sample: 09/07/2008 06:42 (EDT)

Barometric Pressure: 1014.6 mb

