Hurricane BILL QuickLook
Posted: 12:00 AST 08/23/2009

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 Warning for the U.S. Coastline.

As of 8/23/2009 12:00 AST, water levels along the New England coast up to eastern Massachusetts are falling and range from 0.5 to 0.8 feet above predictions. Barometric Pressure is starting to rise in this area. Water levels from Boston, MA to Maine remain slightly elevated, however barometric pressure is still falling in northern Maine. Wind gusts are up to 26 knots.

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: LB\KG

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.

Boston, MA - Return to List

Last Observed Sample: 08/23/2009 11:36 (EDT)
Historical Maximum Water Level: 02/07/1978, 4.82 ft. above MHHW

Fort Point, NH - Return to List

Last Observed Sample: 08/23/2009 11:30 (EDT)
Historical Maximum Water Level: n/a
Wells, ME - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8419317 Wells, ME
from 08/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:36 (EDT)
Relative to MLLW: Observed: 7.05 ft. Predicted: 6.78 ft. Residual: 0.27 ft.
Historical Maximum Water Level: 01/31/2006, 2.74 ft. above MHHW

Wells, ME - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8419317 Wells, ME
from 08/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:42 (EDT)
Wind Speed: 4 knots Gusts: 8 knots Direction: 324° T
Wells, ME

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8419917 Wells, ME
From 08/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:36 (EDT)
Barometric Pressure: 1006.1 mb

Wells, ME

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8419917 Wells, ME
From 08/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:36 (EDT)
Water Temperature: 59.9° F Air Temperature: 80.2° F
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Bar Harbor, ME - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8413320 Bar Harbor, ME
from 05/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:36 (EDT)
Historical Maximum Water Level: 02/07/1978, 4.84 ft. above MHHW

Bar Harbor, ME - Return to List

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8413320 Bar Harbor, ME
from 05/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:42 (EDT)
Wind Speed: 10 knots Gusts: 19 knots Direction: 268° T
Bar Harbor, ME - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8411320 Bar Harbor, ME
from 08/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:36 (EDT)
Barometric Pressure: 1003.8 mb

Eastport, ME - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8410140 Eastport, ME
from 08/21/2009 11:54 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:36 (EDT)

Historical Maximum Water Level: 01/10/1997, 4.95 ft. above MHHW
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Eastport, ME - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8410140 Eastport, ME
from 08/21/2009 11:34 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:36 (EDT)
Water Temperature: 55.8° F Air Temperature: 70.7° F

Eastport, ME - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8410140 Eastport, ME
from 08/21/2009 11:34 - 08/24/2009 11:54

Last Observed Sample: 08/23/2009 11:42 (EDT)
Wind Speed: 18 knots Gusts: 23 knots Direction: 343° T
Eastport, ME - Return to List

Last Observed Sample: 08/23/2009 11:42 (EDT)
Barometric Pressure: 1001.0 mb

Nantucket Island, MA - Return to List

Relative to MLLW: Observed: 2.53 ft. Predicted: 1.73 ft. Residual: 0.80 ft.
Historical Maximum Water Level: 10/30/1991, 4.29 ft. above MHHW
Nantucket Island, MA - Return to List

Last Observed Sample: 08/23/2009 11:36 (EDT)
Wind Speed: 4 knots Gusts: 11 knots Direction: 302° T

Nantucket Island, MA - Return to List

Barometric Pressure: 1009.9 mb
Last Observed Sample: 08/23/2009 11:36 (EDT)
Barometric Pressure: 1009.9 mb
**Nantucket Island, MA**

Last Observed Sample: 08/23/2009 11:36 (EDT)

Water Temperature: 75.9° F  Air Temperature: 76.3° F

**Woods Hole, MA**

Relative to MLLW: Observed: 3.17 ft. Predicted: 2.59 ft. Residual: 0.58 ft.

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

Last Observed Sample: 08/23/2009 11:36 (EDT)
Barometric Pressure: 1010.1 mb

**Newport, RI**

Last Observed Sample: 08/23/2009 11:30 (EDT)
Historical Maximum Water Level: 09/21/1938, 9.46 ft. above MHHW
Newport, RI - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8452650 Newport, RI
from 08/21/2009 11:42 - 08/24/2009 11:42

Last Observed Sample: 08/23/2009 11:30 (EDT)
Wind Speed: 3 knots Gusts: 3 knots Direction: 236° T

Newport, RI - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8452650 Newport, RI
from 08/21/2009 11:42 - 08/24/2009 11:42

Last Observed Sample: 08/23/2009 11:30 (EDT)
Barometric Pressure: 1009.8 mb
New London, CT  - Return to List

Last Observed Sample: 08/23/2009 11:36 (EDT)
Relative to MLLW: Observed: 3.94 ft. Predicted: 3.40 ft. Residual: 0.54 ft.
Historical Maximum Water Level: 09/21/1938, 7.53 ft. above MHHW

Fall River, MA  - Return to List

Last Observed Sample: 08/23/2009 11:30 (EDT)
Relative to MLLW: Observed: 6.21 ft. Predicted: 5.71 ft. Residual: 0.50 ft.
Historical Maximum Water Level: 12/12/2000, 2.76 ft. above MHHW
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Fall River, MA - Return to List

NOAA/NOS/CO-OPS
Barometric Pressure Plot
0447386 Fall River, MA
From 08/21/2009 11:54 - 08/24/2009 11:54

Barometric Pressure: 1010.2 mb
Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce