As of 8/23/2009 00:00 AST, water levels along the New England coast from Connecticut to Maine remain at or near predictions. Barometric Pressure continues to fall across the region.

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 3.7 ft (1.14 m) at 08/23/2009 02:48 EDT.

Woods Hole, MA: Next predicted high tide is 2.7 ft (0.83 m) at 08/23/2009 10:54 EDT.

Fall River, MA: Next predicted high tide is 5.8 ft (1.78 m) at 08/23/2009 11:00 EDT.
Providence, RI: Next predicted high tide is 6.0 ft (1.83 m) at 08/23/2009 11:00 EDT.

Newport, RI: Next predicted high tide is 4.5 ft (1.38 m) at 08/23/2009 10:42 EDT.

New London, CT: Next predicted high tide is 3.5 ft (1.06 m) at 08/23/2009 12:06 EDT.

Boston, MA: Next predicted high tide is 11.3 ft (3.45 m) at 08/23/2009 01:42 EDT.

Fort Point, NH: Next predicted high tide is 10.5 ft (3.21 m) at 08/23/2009 01:42 EDT.

Wells, ME: Next predicted high tide is 10.7 ft (3.25 m) at 08/23/2009 01:42 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.

Analyst: CF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE BILL ADVISORY NUMBER 31

1100 PM AST SAT AUG 22 2009

...BILL TURNING TOWARD THE NORTH-NORTHEAST...OUTER RAINBANDS APPROACHING CAPE COD AND NANTUCKET...

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE COAST OF MASSACHUSETTS FROM WOODS HOLE TO SAGAMORE BEACH, INCLUDING THE ISLANDS OF MARTHAS VINEYARD AND NANTUCKET.

INTERESTS ELSEWHERE ALONG THE COAST OF NEW ENGLAND SHOULD MONITOR THE PROGRESS OF BILL.

AT 1100 PM AST THE CENTER OF HURRICANE BILL WAS LOCATED ABOUT 195 MILES SOUTHEAST OF NANTUCKET MASSACHUSETTS AND ABOUT 435 MILES SOUTH-SOUTHWEST OF HALIFAX NOVA SCOTIA.

BILL IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 25 MPH. A TURN TOWARD THE NORTHEAST AND AN INCREASE IN FORWARD SPEED ARE EXPECTED ON SUNDAY. ON THE FORECAST TRACK THE CORE OF HURRICANE BILL WILL PASS OFFSHORE OF THE COAST OF NEW ENGLAND OVERNIGHT, BE NEAR NEAR NOVA SCOTIA ON SUNDAY AND BE NEAR NEWFOUNDLAND SUNDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 85 MPH WITH HIGHER GUSTS. BILL IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. WEAKENING IS EXPECTED TO BEGIN ON SUNDAY AS BILL MOVES OVER COOLER WATERS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 85 MILES FROM THE CENTER AND
TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES. NOAA BUOY 44008 LOCATED ABOUT 60 MILES SOUTHEAST OF NANTUCKET RECENTLY REPORTED A SUSTAINED WIND OF 29 MPH AND A WIND GUST OF 40 MPH.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 961 MB.

TOTAL RAIN ACCUMULATIONS OF 1 TO 2 INCHES ARE EXPECTED OVER NANTUCKET ISLAND WITH AROUND 1 INCH EXPECTED OVER OUTER CAPE COD AND MARTHAS VINEYARD.

LARGE SWELLS GENERATED BY HURRICANE BILL WILL CONTINUE TO AFFECT MUCH OF THE U.S. EAST COAST. THESE SWELLS WILL LIKELY CAUSE EXTREMELY DANGEROUS SURF AND LIFE-THREATENING RIP CURRENTS.

FORECASTER BRENNA
Nantucket Island, MA - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
9449130 Nantucket Island, MA
from 08/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Relative to MLLW: Observed: 2.70 ft. Predicted: 1.98 ft. Residual: 0.72 ft.
Historical Maximum Water Level: 10/30/1991, 4.29 ft. above MHHW

Nantucket Island, MA - Return to List

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dire
9449130 Nantucket Island, MA
from 08/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Wind Speed: 12 knots Gusts: 19 knots Direction: 029° T
Nantucket Island, MA - Return to List

Barometric Pressure Plot
N449130 Nantucket Island, MA
From 08/20/2009 23:54 - 08/23/2009 23:54

Barometric Pressure: 1002.7 mb

Last Observed Sample: 08/22/2009 23:42 (EDT)

Nantucket Island, MA - Return to List

Air/Water Temperature Plot
N449130 Nantucket Island, MA
From 08/20/2009 23:54 - 08/23/2009 23:54

Water Temperature: 76.8° F Air Temperature: 73.2° F

Last Observed Sample: 08/22/2009 23:42 (EDT)
Woods Hole, MA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8447930 Woods Hole, MA
from 08/20/2009 23:54 - 08/23/2009 23:54

Relative to MLLW: Observed: 2.66 ft. Predicted: 2.06 ft. Residual: 0.60 ft.
Historical Maximum Water Level: 09/21/1938, 8.58 ft. above MHHW

Woods Hole, MA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8447930 Woods Hole, MA
from 08/20/2009 23:54 - 08/23/2009 23:54

Barometric Pressure: 1004.8 mb

Last Observed Sample: 08/22/2009 23:42 (EDT)
**Woods Hole, MA** - Return to List

NOAA/ODS/C0-CPS
Air/Water Temperature Plot
8447930 Woods Hole, MA
From 08/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Water Temperature: 73.4° F Air Temperature: 74.1° F

**Fall River, MA** - Return to List

NOAA/ODS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8447386 Fall River, MA
From 08/21/2009 00:00 - 08/24/2009 00:00

Last Observed Sample: 08/22/2009 23:42 (EDT)
Relative to MLLW: Observed: 5.06 ft. Predicted: 4.74 ft. Residual: 0.32 ft.
Historical Maximum Water Level: 12/12/2000, 2.76 ft. above MHHW
Fall River, MA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8447386 Fall River, MA
From 08/21/2009 00:00 - 08/24/2009 00:00

Barometric Pressure: 1006.1 mb

Last Observed Sample: 08/22/2009 23:42 (EDT)

Providence, RI - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8440000 Providence, RI
From 08/21/2009 00:00 - 08/24/2009 00:00

Relative to MLLW: Observed: 5.10 ft. Predicted: 4.88 ft. Residual: 0.22 ft.

Historical Maximum Water Level: 09/21/1938, 12.67 ft. above MHHW
Hurricane BILL QuickLook, POSTED 00:00 AST 08/23/2009

**Providence, RI** - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
BD4000 Providence, RI
From 08/21/2009 00:00 - 08/24/2009 00:00

Last Observed Sample: 08/22/2009 23:42 (EDT)
Wind Speed: 10 knots Gusts: 14 knots Direction: 042° T

**Providence, RI** - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
BD40400 Providence, RI
From 08/21/2009 00:00 - 08/24/2009 00:00

Last Observed Sample: 08/22/2009 23:42 (EDT)
Barometric Pressure: 1006.0 mb
Providence, RI

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8454000 Providence, RI
From 08/21/2009 00:00 - 08/24/2009 00:00

Last Observed Sample: 08/22/2009 23:42 (EDT)
Water Temperature: 79.2° F Air Temperature: 77.4° F

Newport, RI

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8452659 Newport, RI
From 08/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Relative to MLLW: Observed: 3.89 ft. Predicted: 3.30 ft. Residual: 0.59 ft.
Historical Maximum Water Level: 09/21/1938, 9.46 ft. above MHHW
Hurricane BILL QuickLook, POSTED 00:00 AST 08/23/2009

Newport, RI - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8452650 Newport, RI
From 08/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Wind Speed: 7 knots Gusts: 11 knots Direction: 031° T

Newport, RI - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8452650 Newport, RI
From 08/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Barometric Pressure: 1005.2 mb
Newport, RI - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8452650 Newport, RI

Last Observed Sample: 08/22/2009 23:42 (EDT)

Water Temperature: 69.6° F Air Temperature: 74.5° F

New London, CT - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8461490 New London, CT

Last Observed Sample: 08/22/2009 23:42 (EDT)

Relative to MLLW: Observed: 3.63 ft. Predicted: 3.10 ft. Residual: 0.53 ft.

Historical Maximum Water Level: 09/21/1938, 7.53 ft. above MHHW
Hurricane BILL QuickLook, POSTED 00:00 AST 08/23/2009

New London, CT - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8461490 New London, CT

Last Observed Sample: 08/22/2009 23:42 (EDT)
Wind Speed: 6 knots Gusts: 10 knots Direction: 360° T

New London, CT - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8461490 New London, CT

Last Observed Sample: 08/22/2009 23:42 (EDT)
Barometric Pressure: 1006.4 mb
**Boston, MA** - Return to List

*NOAA/NOS/C0-CPS*

Preliminary 6 min. Water Level vs. Predicted Plot

0443970 Boston, MA


Last Observed Sample: 08/22/2009 23:42 (EDT)

Relative to MLLW: Observed: 8.78 ft. Predicted: 8.38 ft. Residual: 0.40 ft.

Historical Maximum Water Level: 02/07/1978, 4.82 ft. above MHHW

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**Fort Point, NH** - Return to List

*NOAA/NOS/C0-CPS*

Preliminary 6 min. Water Level vs. Predicted Plot

0423898 Fort Point, NH


Last Observed Sample: 08/22/2009 23:30 (EDT)

Relative to MLLW: Observed: 7.69 ft. Predicted: 7.61 ft. Residual: 0.08 ft.

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 06/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Relative to MLLW: Observed: 8.30 ft. Predicted: 8.12 ft. Residual: 0.18 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 06/20/2009 23:54 - 08/23/2009 23:54

Last Observed Sample: 08/22/2009 23:42 (EDT)
Wind Speed: 8 knots Gusts: 9 knots Direction: 046° T
**Wells, ME** - Return to List

NOAA/NESS/CO-OPS
Barometric Pressure Plot
8419317 Wells, ME
From 08/20/2009 23:54 - 08/23/2009 23:54

![Barometric Pressure Plot]

Last Observed Sample: 08/22/2009 23:42 (EDT)
Barometric Pressure: 1007.2 mb

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**Wells, ME** - Return to List

NOAA/NESS/CO-OPS
Air/Water Temperature Plot
8419317 Wells, ME
From 08/20/2009 23:54 - 08/23/2009 23:54

![Air/Water Temperature Plot]

Last Observed Sample: 08/22/2009 23:42 (EDT)
Water Temperature: 61.9° F Air Temperature: 71.6° F