NOS water levels are slightly elevated at Puerto Rico and U.S. Virgin Islands stations.

Water level observations as of 8/17/2007 12:00 PM AST:

Christiansted Harbor, St Croix, VI is ~0.56 ft (0.17 m) above predicted. Next high tide at 08/17/2007 Fri 05:30 PM AST.

Lime Tree Bay, VI is ~0.42 ft (0.13 m) above predicted. Next high tide at 08/17/2007 Fri 08:13 PM AST.

Lameshur Bay, St. Johns, VI is ~0.47 ft (0.14 m) above predicted. Next high tide at 08/18/2007 Sat 0000 AM AST.

Vieques Island, PR is ~0.41 ft (0.12 m) above predicted. Next high tide at 08/17/2007 Fri 05:28 PM AST.
San Juan, PR is ~0.03 ft (0.00 m) above predicted. Next high tide at 08/17/2007 Fri 23:55 PM AST.

Magueyes Island, PR is ~0.26 ft (0.08 m) above predicted. Next high tide at 08/17/2007 Fri 07:54 PM AST.

Water level and meterological plots are updated automatically. For additional data, please see www.tidesandcurrents.noaa.gov. For more information on the STORM QUICKLOOK product, please see www.tidesandcurrents.noaa.gov/quicklook.shtml

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION at 1100 AM AST

...DEAN MOVING AWAY FROM LESSER ANTILLES AND STRENGTHENING...

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE U.S. VIRGIN ISLANDS AND PUERTO RICO.

MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 105 MPH...165 KM/HR...WITH HIGHER GUSTS.HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES...35 KM...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 185 MILES...295 KM.

LATEST MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY AN AIR FORCE HURRICANE HUNTER AIRCRAFT WAS 964 MB...28.47 INCHES.

STORM TOTAL AMOUNTS OF 1 TO 2 INCHES CAN BE EXPECTED FROM DEAN OVER PUERTO RICO AND THE DOMINICAN REPUBLIC...WITH MAXIMUM AMOUNTS UP TO 5 INCHES. ADDITIONAL RAINFALL ACCUMULATIONS OF 1 TO 2 INCHES ARE EXPECTED IN THE LESSER ANTILLES...WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES IN MOUNTAINOUS AREAS. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUDSLIDES.

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 - Winds, Christiansted Harbor, St Croix - Water Level, Lameshur Bay, St. Johns - Air/Water Temp, Vieques Island - Water Level, San Juan - Air/Water Temp, San Juan - Barometric, Magueyes Island - Air/Water Temp, Magueyes Island - Barometric, Lime Tree Bay - Air/Water Temp, Lime Tree Bay - Barometric, Lameshur Bay, St. Johns - Water Level, Lameshur Bay, St. Johns - Barometric, San Juan - Water Level, San Juan - Winds, Magueyes Island - Water Level, Magueyes Island - Winds
Hurricane DEAN QUICKLOOK, POSTED 12:00 AST 08/17/2007

Lime Tree Bay, VI - Station Map

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
9751401 Lime Tree Bay, VI
from 08/15/2007 12:18 - 08/13/2007 12:18

Last Observed Sample: 08/17/2007 12:06 (AST)
Relative to MLLW: Observed: 1.02 ft. Predicted: 0.57 ft. Residual: 0.45 ft.
Historical Maximum Water Level: 11/17/1999, 1.88 ft. above MHHW

Lime Tree Bay, VI - Station Map

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
9751401 Lime Tree Bay, VI
from 08/15/2007 12:18 - 08/13/2007 12:18

Last Observed Sample: 08/17/2007 12:06 (AST)
Water Temperature: 84.4° F Air Temperature: 87.4° F
Hurricane DEAN QUICKLOOK, POSTED 12:00 AST 08/17/2007

Lime Tree Bay, VI - Station Map

NOAA/NOS/CDO-OPS
Station Map

Wind Speed/Gusts/Dir
Station Map

Return to List

Last Observed Sample: 08/17/2007 12:06 (AST)
Wind Speed: 17 knots Gusts: 43 knots Direction: 053° T

Barometric Pressure: 1013.6 mb
Christiansted Harbor, St Croix, VI - Station Map

Last Observed Sample: 08/17/2007 12:06 (AST)
Relative to MLLW: Observed: 1.07 ft. Predicted: 0.49 ft. Residual: 0.58 ft.
Historical Maximum Water Level: n/a

Lameshur Bay, St. Johns, VI - Station Map

Last Observed Sample: 08/17/2007 12:12 (AST)
Relative to MLLW: Observed: 0.96 ft. Predicted: 0.52 ft. Residual: 0.44 ft.
Historical Maximum Water Level: n/a
Lameshur Bay, St. Johns, VI - Station Map

NOAA/NOS/C0-OPS
Air/Water Temperature Plot
9751361 Lameshur Bay, St. Johns, VI
from 08/15/2007 12:24 - 08/13/2007 12:24

<table>
<thead>
<tr>
<th>Date/Time (AST)</th>
<th>Temperature (°F)</th>
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<tr>
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<td>08/16 12:00</td>
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<tr>
<td>08/18 12:00</td>
<td>88</td>
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</tbody>
</table>

Last Observed Sample: 08/17/2007 12:12 (AST)
Water Temperature: n/a Air Temperature: 86.5° F

Lameshur Bay, St. Johns, VI - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
9751361 Lameshur Bay, St. Johns, VI
from 08/15/2007 12:24 - 08/13/2007 12:24

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<td>08/18 12:00</td>
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</tbody>
</table>

Last Observed Sample: 08/17/2007 12:06 (AST)
Barometric Pressure: 1013.9 mb
Vieques Island, PR - Station Map

Last Observed Sample: 08/17/2007 12:12 (AST)

Relative to MLLW: Observed: 0.85 ft. Predicted: 0.41 ft. Residual: 0.44 ft.
Historical Maximum Water Level: n/a

San Juan, PR - Station Map

Last Observed Sample: 08/17/2007 12:12 (AST)

Relative to MLLW: Observed: 1.49 ft. Predicted: 1.47 ft. Residual: 0.02 ft.
Historical Maximum Water Level: 09/21/1998, 1.21 ft. above MHHW
San Juan, PR - Station Map

NOAA/NOS/C0-DPS
Air/Water Temperature Plot
9755371 San Juan, PR
from 08/15/2007 12:24 - 08/19/2007 12:24

Last Observed Sample: 08/17/2007 12:12 (AST)
Water Temperature: n/a Air Temperature: 86.0° F

San Juan, PR - Station Map

NOAA/NOS/C0-DPS
Wind Speed/Gusts/Dir
9755371 San Juan, PR
from 08/15/2007 12:24 - 08/19/2007 12:24

Last Observed Sample: 08/17/2007 12:12 (AST)
Wind Speed: 17 knots Gusts: 20 knots Direction: 085° T
San Juan, PR - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
975527/L San Juan, PR
from 08/15/2007 12:24 - 08/13/2007 12:24

Last Observed Sample: 08/17/2007 12:06 (AST)
Barometric Pressure: 1014.9 mb

Magueyes Island, PR - Station Map

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
9755110 Magueyes Island, PR
from 08/15/2007 12:24 - 08/13/2007 12:24

Last Observed Sample: 08/17/2007 12:12 (AST)
Relative to MLLW: Observed: 0.79 ft. Predicted: 0.52 ft. Residual: 0.27 ft.
Historical Maximum Water Level: 09/22/1998, 1.6 ft. above MHHW
Magueyes Island, PR - Station Map

Last Observed Sample: 08/17/2007 12:12 (AST)

Water Temperature: 86.8° F Air Temperature: 86.3° F

Wind Speed: 8 knots Gusts: 9 knots Direction: 228° T
Magueyes Island, PR - Station Map

Last Observed Sample: 08/17/2007 12:12 (AST)

Barometric Pressure: 1013.5 mb