Tropical Storm GABRIELLE QUICKLOOK, POSTED 00:00 EDT 09/10/2007

NOAA and NOAA Partnership Stations Relative to the Storm

Storm Analysis

Water level and meteorological plots available below are updated automatically. Water Level Observations on Mean Lower Low Water as of 9/06/2007 00:00 EDT are:

Oregon Inlet Marina, NC ~2.27 ft (0.69 m) above predicted. Next high tide at 09/10/2007 Mon 07:54 EDT.

Sewells Point, VA ~0.46 ft (0.14 m) above predicted. Next high tide at 09/10/2007 Mon 09:04 EDT.

Yorktown USGS, VA ~0.40 ft (0.12 m) above predicted. Next high tide at 09/10/2007 Mon 09:15 EDT.

CBBT, VA ~0.35 ft (0.11 m) above predicted. Next high tide at 09/10/2007 Mon 08:12 EDT.
Rudee Inlet, VA ~0.31 ft (0.09 m) above predicted. Next high tide at 09/10/2007 Mon 07:47 EDT.

Kiptopeke, VA ~0.20 ft (0.06 m) above predicted. Next high tide at 09/10/2007 Mon 08:44 EDT.

Windmill Point, VA ~0.09 ft (0.03 m) above predicted. Next high tide at 09/10/2007 Mon 11:00 EDT.

Duck, NC ~0.02 ft (0.01 m) above predicted. Next high tide at 09/10/2007 Mon 07:26 EDT.

For more data, please see the CO-OPS Tides & Currents page. For information about this product, please see the Storm QuickLook homepage.

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...GABRIELLE BACK INTO THE ATLANTIC OCEAN...

AT 1100 PM EDT ALL WATCHES AND WARNINGS ARE DISCONTINUED.

THE CENTER OF TROPICAL STORM GABRIELLE WAS LOCATED NEAR 36.3 N, 75.3 W; MOVING TOWARD THE NORTHEAST NEAR 10 MPH.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 85 MILES MAINLY TO THE SOUTH AND EAST OF THE CENTER. MINIMUM CENTRAL PRESSURE OF 1008 MB.

LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.

STORM SURGE FLOODING OVER THE NORTH CAROLINA OUTER BANKS WILL GRADUALLY SUBSIDE OVERNIGHT.

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Water level analyst: CM

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.
Oregon Inlet Marina, NC - Station Map

Last Observed Sample: 09/10/2007 00:00 (EDT)
Relative to MLLW: Observed: 2.75 ft. Predicted: 0.58 ft. Residual: 2.17 ft.
Historical Maximum Water Level: 09/16/1999, 4.49 ft. above MHHW

Sewells Point, VA - Station Map

Last Observed Sample: 09/10/2007 00:00 (EDT)
Relative to MLLW: Observed: 2.00 ft. Predicted: 1.54 ft. Residual: 0.46 ft.
Historical Maximum Water Level: 08/23/1933, 5.26 ft. above MHHW
Sewells Point, VA - Station Map

Barometric Pressure Plot
from 09/08/2007 00:12 - 09/11/2007 09:12

Barometric Pressure: 1013.8 mb

Last Observed Sample: 09/09/2007 23:54 (EDT)

Yorktown USCG Training Center, VA - Station Map

Relative to MLLW:
Observed: 1.83 ft.
Predicted: 1.43 ft.
Residual: 0.40 ft.

Historical Maximum Water Level: n/a

Last Observed Sample: 09/10/2007 00:06 (EDT)
Yorktown USCG Training Center, VA - Station Map

Last Observed Sample: 09/10/2007 00:00 (EDT)
Wind Speed: 6 knots  Gusts: 7 knots  Direction: 028° T
Barometric Pressure: 1013.1 mb
Chesapeake Bay Bridge Tunnel, VA - Station Map

Relative to MLLW: Observed: 1.24 ft. Predicted: 0.96 ft. Residual: 0.28 ft.

Historical Maximum Water Level: 02/05/1998, 3.68 ft. above MHHW

Wind Speed: 11 knots Gusts: 13 knots Direction: 043° T
Chesapeake Bay Bridge Tunnel, VA - Station Map

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Barometric Pressure Plot
9638669 Chesapeake Bay Bridge Tunnel, VA
from 09/08/2007 00:12 - 09/11/2007 00:12

Last Observed Sample: 09/10/2007 00:06 (EDT)
Barometric Pressure: 1012.5 mb

Rudee Inlet, VA - Station Map

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Preliminary 6 min. Water Level vs. Predicted Plot
9639267 Rudee Inlet, VA

Last Observed Sample: 09/09/2007 23:36 (EDT)
Relative to MLLW: Observed: 1.40 ft. Predicted: 1.09 ft. Residual: 0.31 ft.
Historical Maximum Water Level: n/a
Kiptopeke, VA - Station Map

Last Observed Sample: 09/10/2007 00:06 (EDT)
Relative to MLLW: Observed: 1.45 ft. Predicted: 1.27 ft. Residual: 0.18 ft.
Historical Maximum Water Level: 03/08/1962, 4.13 ft. above MHHW

Windmill Point, VA - Station Map

Last Observed Sample: 09/10/2007 00:06 (EDT)
Historical Maximum Water Level: 02/05/1998, 2.68 ft. above MHHW
Duck, NC - Station Map

Relative to MLLW:
- Observed: 0.59 ft.
- Predicted: 0.66 ft.
- Residual: -0.07 ft.

Historical Maximum Water Level: 08/30/1999, 3.23 ft. above MHHW

Barometric Pressure: 1011.0 mb

Last Observed Sample: 09/09/2007 23:54 (EDT)