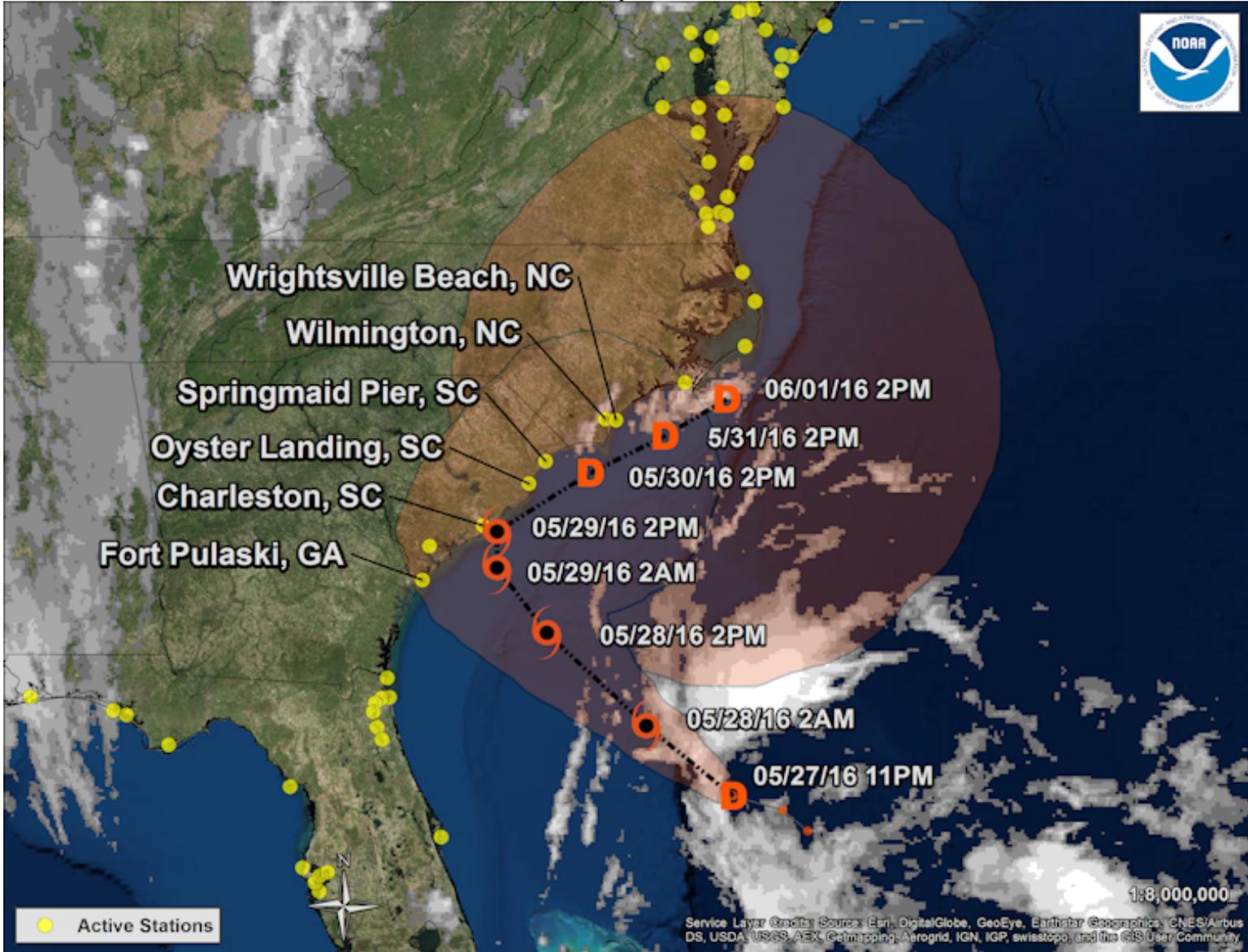


Tropical Depression TWO QuickLook
Posted: 00:00 EDT 05/28/2016

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/28/2016 00:00 EDT, water levels from Northern Georgia to Wilmington, NC are at or near normal and range between 0.10 to 0.80 ft above normal tide levels. Winds are currently steady, with gusts of only 10-15 knots. Barometric pressure continues to fall gradually across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

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: CRD

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL DEPRESSION TWO ADVISORY NUMBER 2
NWS NATIONAL HURRICANE CENTER MIAMI FL
1100 PM EDT FRI MAY 27 2016

...DEPRESSION FORECAST TO BECOME A TROPICAL STORM OVERNIGHT OR SATURDAY...

SUMMARY OF 1100 PM EDT...0300 UTC...INFORMATION

LOCATION...29.0N 75.9W
ABOUT 355 MI...SE OF CHARLESTON SOUTH CAROLINA
ABOUT 360 MI...SE OF HILTON HEAD ISLAND SOUTH CAROLINA
MAXIMUM SUSTAINED WINDS...35 MPH
PRESENT MOVEMENT...WNW OR 300 DEGREES AT 12 MPH
MINIMUM CENTRAL PRESSURE...1009 MB

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...
* Savannah River to Little River Inlet South Carolina

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area within 36 hours.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1100 PM EDT, the center of Tropical Depression Two was located near latitude 29.0 North, longitude 75.9 West. The depression is moving toward the west-northwest near 12 mph, and this general motion is expected to continue

through Saturday. A decrease in forward speed and a turn toward the northwest and then toward the north are expected on Saturday night and Sunday as the system nears the coast in the warning area.

Maximum sustained winds are near 35 mph with higher gusts. Some strengthening is forecast during the next 24 hours, and the depression is forecast to become a tropical storm overnight or on Saturday.

The estimated minimum central pressure is 1009 mb.

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to first reach the coast within the warning area by Saturday night or early Sunday, making outside preparations difficult.

RAINFALL: The depression is expected to produce total rainfall accumulations of 1 to 3 inches from eastern South Carolina through southeastern North Carolina.

STORM SURGE: Storm surge inundation of 1 to 2 feet above ground level is expected within the tropical storm warning area.

SURF: This system is expected to produce life-threatening surf and rip current conditions along portions of the southeastern United States coast through the weekend. Please consult products from your local weather office.

NEXT ADVISORY

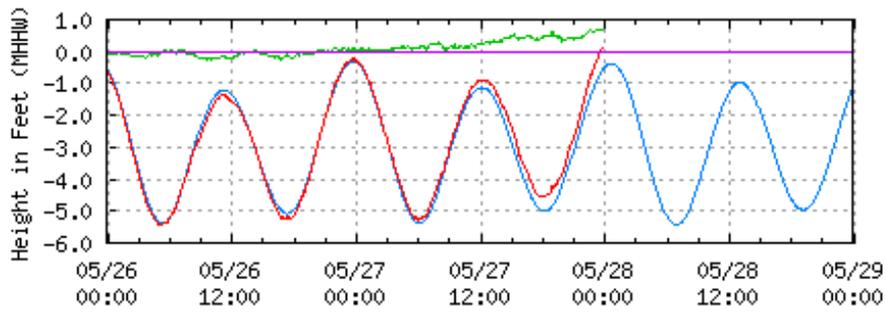
Next intermediate advisory at 200 AM EDT.
Next complete advisory at 500 AM EDT.

Forecaster Brennan

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: [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Oyster Landing \(N Inlet Estuary\) - Water Level](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Wrightsville Beach - Water Level](#), [Wrightsville Beach - Winds](#), [Wrightsville Beach - Barometric](#), [Wilmington - Water Level](#), [Wilmington - Barometric](#)

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide ——— blue ———
Observed WL ——— red ———
(Obs-Pred) ——— green ———
MHHW ——— purple ———

Last Observed Sample: 05/27/2016 23:48 (EDT). Data relative to MHHW

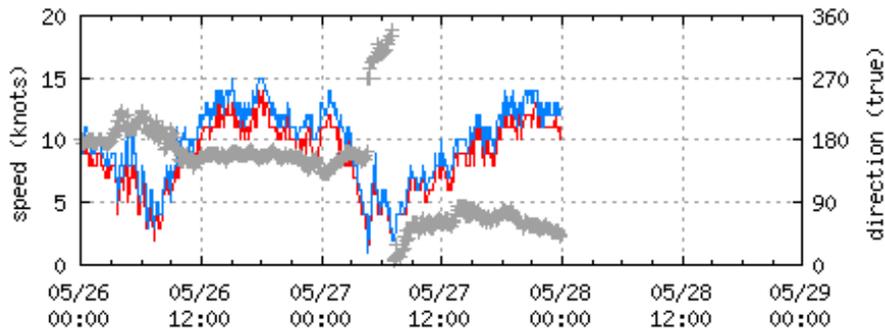
Observed: 0.14 ft. Predicted: -0.55 ft. Residual: 0.69 ft.

Historical Maximum Water Level: Jan 1 1987, 3.65 ft.

Next High Tide: 05/28/2016 00:36 (EDT), -0.37 ft.

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC

Wind Speed / Gusts / Direction

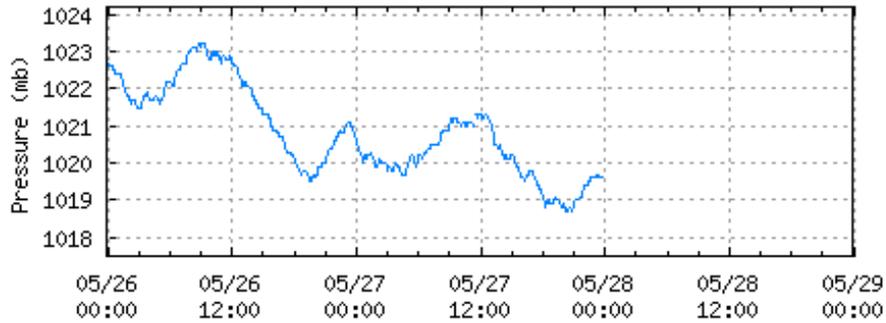


speed ——— red ——— gusts ——— blue ——— direction +

Last Observed Sample: 05/27/2016 23:48 (EDT)

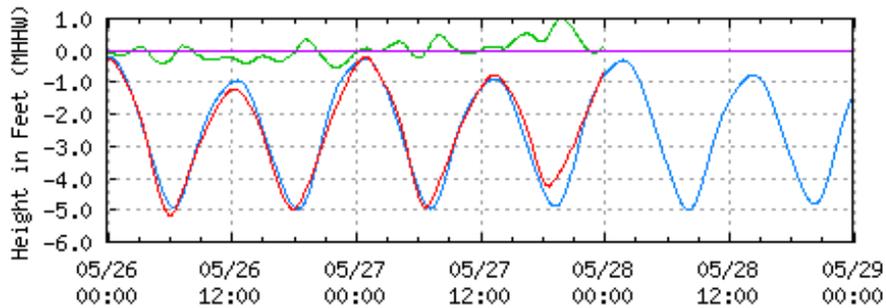
Wind Speed: 11 knots Gusts: 12 knots Direction: 41° T

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/27/2016 23:48 (EDT)
Barometric Pressure: 1019.6 mb

NOAA/NOS/CO-OPS 8662245 Oyster Landing (N Inlet Estuary), SC
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



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

Last Observed Sample: 05/27/2016 23:48 (EDT). Data relative to MHHW
Observed: -0.69 ft. Predicted: -0.82 ft. Residual: 0.13 ft.
Historical Maximum Water Level: Aug 26 2011, 2.40 ft.
Next High Tide: 05/28/2016 01:47 (EDT), -0.31 ft.

NOAA/NOS/CO-OPS 8665530 Charleston, SC
NOAA/NOS/CO-OPS

This data type is not currently available from this station.					
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Last Observed Sample: 05/27/2016 23:48 (EDT). Data relative to MHHW
Observed: -0.00 ft. Predicted: -0.51 ft. Residual: 0.51 ft.
Historical Maximum Water Level: Sep 21 1989, 6.76 ft.
Next High Tide: 05/28/2016 00:52 (EDT), -0.24 ft.

NOAA/NOS/CO-OPS 8665530 Charleston, SC
NOAA/NOS/CO-OPS

This data type is not currently available from this station.					
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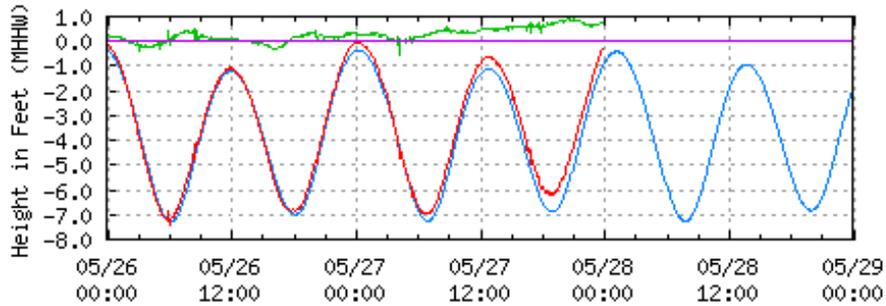
Last Observed Sample: 05/27/2016 23:48 (EDT)
Wind Speed: 6 knots Gusts: 8 knots Direction: 54° T

NOAA/NOS/CO-OPS 8665530 Charleston, SC
NOAA/NOS/CO-OPS

This data type is not currently available from this station.

Last Observed Sample: 05/27/2016 23:48 (EDT)
Barometric Pressure: 1018.8 mb

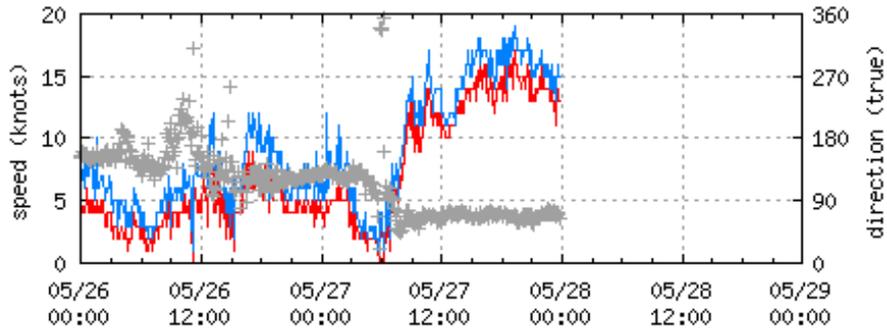
NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— blue ———
Observed WL ——— red ———
(Obs-Pred) ——— green ———
MHHW ——— purple ———

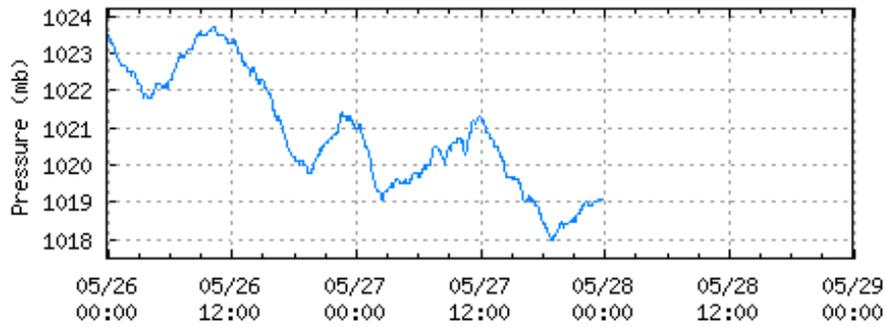
Last Observed Sample: 05/27/2016 23:48 (EDT). Data relative to MHHW
Observed: -0.18 ft. Predicted: -0.98 ft. Residual: 0.80 ft.
Historical Maximum Water Level: Oct 15 1947, 3.40 ft.
Next High Tide: 05/28/2016 01:09 (EDT), -0.42 ft.

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA
Wind Speed / Gusts / Direction



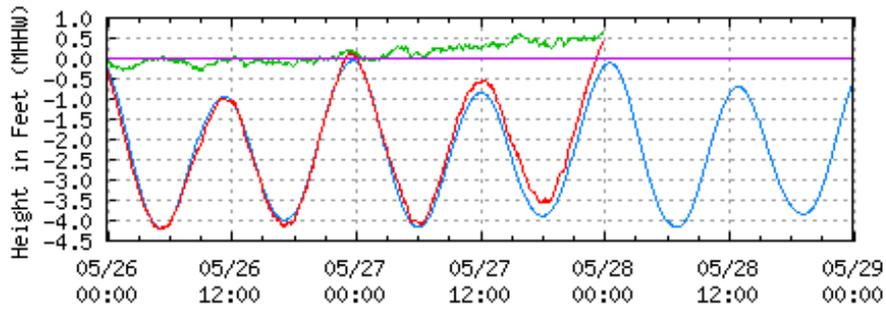
speed — gusts — direction +
Last Observed Sample: 05/27/2016 23:48 (EDT)
Wind Speed: 13 knots Gusts: 16 knots Direction: 71° T

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/27/2016 23:48 (EDT)
Barometric Pressure: 1019.1 mb

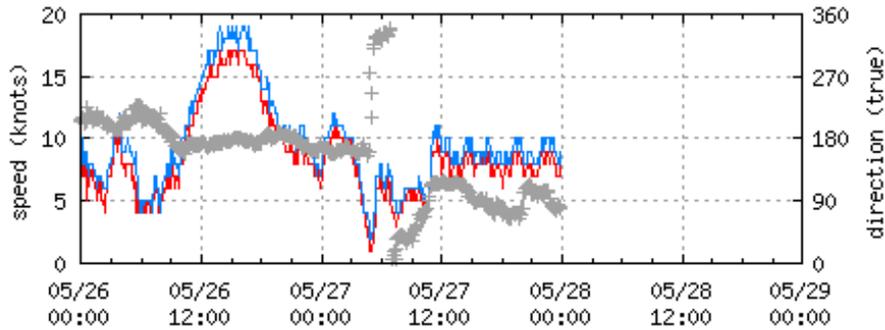
NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC
 Preliminary Water Level, relative to Mean Higher High Water(MHHW)



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

Last Observed Sample: 05/27/2016 23:48 (EDT). Data relative to MHHW
Observed: 0.42 ft. Predicted: -0.22 ft. Residual: 0.64 ft.
 Historical Maximum Water Level: Sep 25 2008, 2.81 ft.
 Next High Tide: 05/28/2016 00:28 (EDT), -0.11 ft.

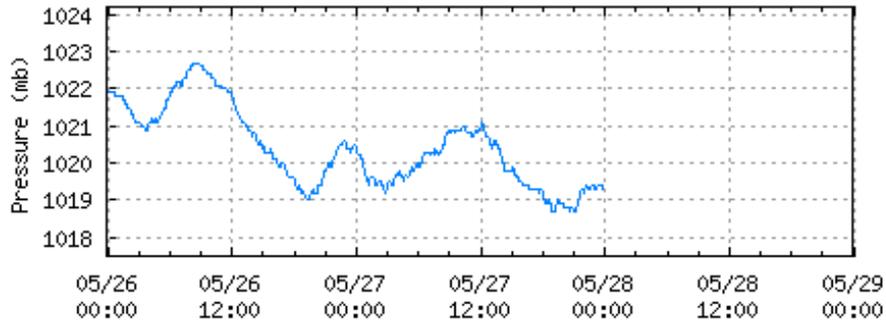
NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC
 Wind Speed / Gusts / Direction



speed ——— gusts ——— direction +

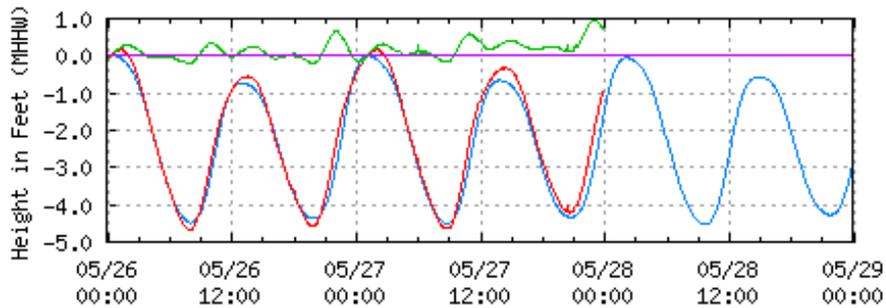
Last Observed Sample: 05/27/2016 23:48 (EDT)
Wind Speed: 8 knots Gusts: 9 knots Direction: 81° T

NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/27/2016 23:48 (EDT)
Barometric Pressure: 1019.3 mb

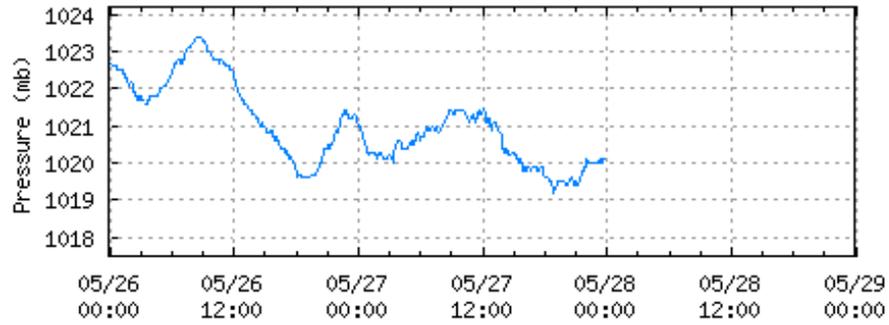
NOAA/NOS/CO-OPS 8658120 Wilmington, NC
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



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

Last Observed Sample: 05/27/2016 23:48 (EDT). Data relative to MHHW
Observed: -0.98 ft. Predicted: -1.69 ft. Residual: 0.71 ft.
Historical Maximum Water Level: Oct 15 1954, 3.47 ft.
Next High Tide: 05/28/2016 02:05 (EDT), -0.05 ft.

NOAA/NOS/CO-OPS 8658120 Wilmington, NC
Barometric Pressure



barometric pressure —

Last Observed Sample: 05/27/2016 23:48 (EDT)

Barometric Pressure: 1020.1 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8661070	Springmaid Pier, SC	05/27/2016 23:48 (EDT)	0.14 ft	-0.55 ft	0.69 ft	0.14 ft
8662245	Oyster Landing (N Inlet Estuary), SC	05/27/2016 23:48 (EDT)	-0.69 ft	-0.82 ft	0.13 ft	-0.19 ft
8665530	Charleston, SC	05/27/2016 23:48 (EDT)	-0.00 ft	-0.51 ft	0.51 ft	-0.00 ft
8670870	Fort Pulaski, GA	05/27/2016 23:48 (EDT)	-0.18 ft	-0.98 ft	0.80 ft	-0.06 ft
8658163	Wrightsville Beach, NC	05/27/2016 23:48 (EDT)	0.42 ft	-0.22 ft	0.64 ft	0.42 ft
8658120	Wilmington, NC	05/27/2016 23:48 (EDT)	-0.98 ft	-1.69 ft	0.71 ft	0.17 ft

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