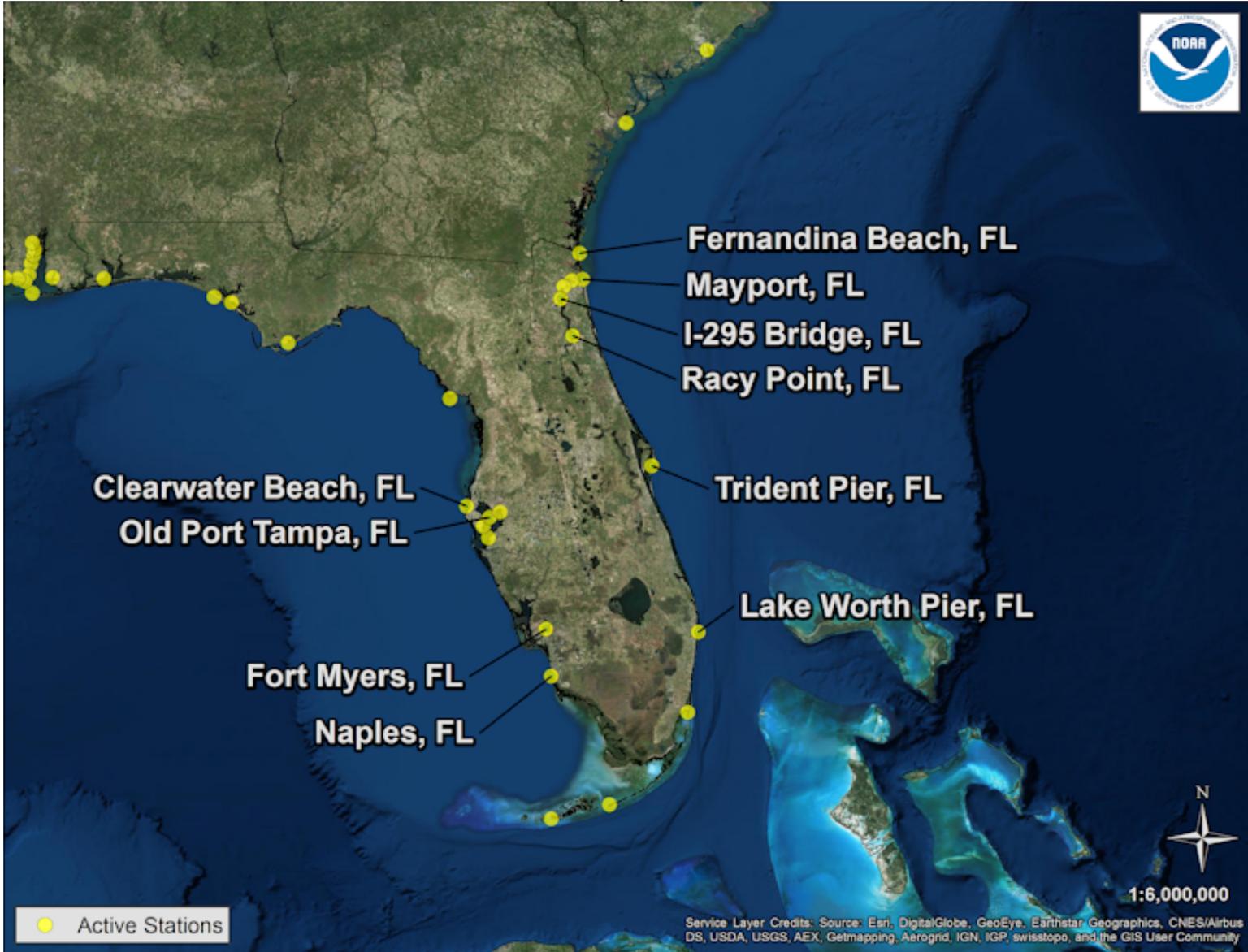




Tropical Depression EMILY QuickLook
Posted: 12:00 EDT 08/01/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/01/2017 11:00 EDT, water levels along the western coast of Florida from Naples to Clearwater Beach remain slightly elevated but overall less than 1.0 feet above tide predictions. Along the east coast of Florida from Lake Worth Pier to Fernandina Beach, including the St. Johns River, water levels are averaging 1.0 to 1.3 feet above tide predictions. Breezy conditions persist along the east coast of Florida but are generally running 15 knots or less with slightly higher gusts at times.

*** This is the final QuickLook that will be posted for this storm. No further QuickLooks will be posted unless oceanographic conditions warrant and/or the NATIONAL HURRICANE CENTER (NHC) issues new tropical storm warnings for the East Coast of the U.S.

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 Emily Advisory Number 7
NWS National Hurricane Center Miami FL
1100 AM EDT Tue Aug 01 2017

...TROPICAL DEPRESSION EMILY MOVING AWAY FROM THE UNITED STATES...

SUMMARY OF 1100 AM EDT INFORMATION

LOCATION...29.3N 78.9W
ABOUT 120 MI...195 KM ENE OF CAPE CANAVERAL FLORIDA
MAXIMUM SUSTAINED WINDS...30 MPH..
PRESENT MOVEMENT...NE OR 50 DEGREES AT 14 MPH..
MINIMUM CENTRAL PRESSURE...1011 MB

WATCHES AND WARNINGS

There are no coastal watches or warnings in effect.

DISCUSSION AND 48-HOUR OUTLOOK

At 1100 AM EDT, the center of Tropical Depression Emily was located near latitude 29.3 North, longitude 78.9 West. The depression is moving toward the northeast near 14 mph, and this general motion is expected to continue for the next couple of days. On the forecast track, the center of Emily will continue to move away from Florida today and remain well off the southeastern U.S. coast.

Maximum sustained winds are near 30 mph with higher gusts. Some slight strengthening is possible during the next day or so, but Emily is also forecast to lose its tropical characteristics within a day or two.

The estimated minimum central pressure is 1011 mb.

HAZARDS AFFECTING LAND

None

NEXT ADVISORY

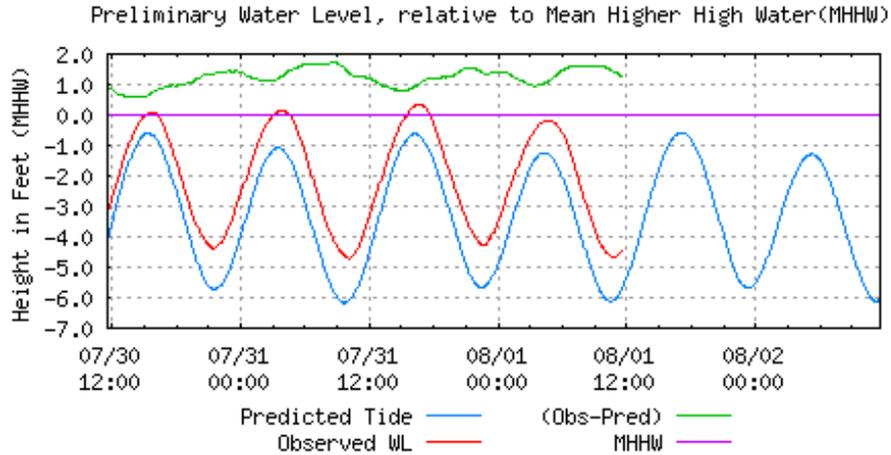
Next complete advisory at 500 PM EDT.

Forecaster Stewart

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.

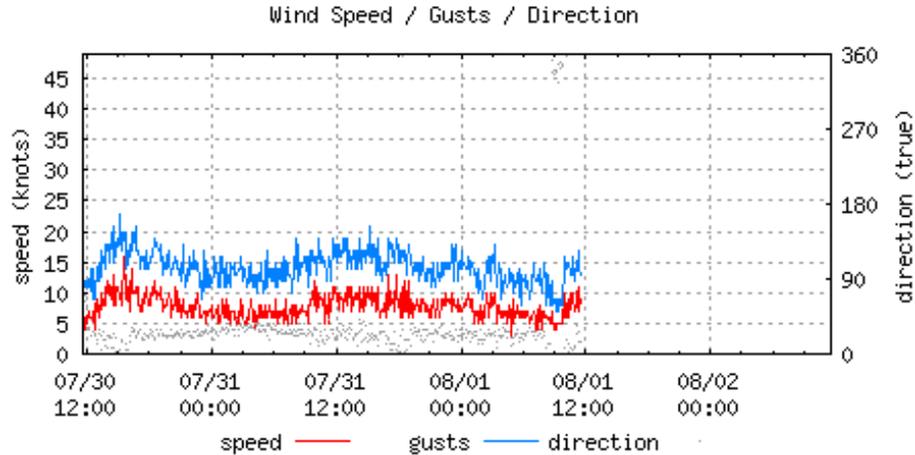
Jump to: [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [I-295 Bridge, St Johns River - Water Level](#), [I-295 Bridge, St Johns River - Winds](#), [Racy Point, St Johns River - Water Level](#), [Lake Worth Pier - Water Level](#), [Lake Worth Pier - Winds](#), [Naples - Water Level](#), [Naples - Winds](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#)

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL



Last Observed Sample: 08/01/2017 11:36 (EDT). Data relative to MHHW
Observed: -4.43 ft. Predicted: -5.68 ft. Residual: 1.25 ft.
Historical Maximum Water Level: Oct 2 1898, 6.94 ft.
Next High Tide: 08/01/2017 17:07 (EDT), -0.57 ft.

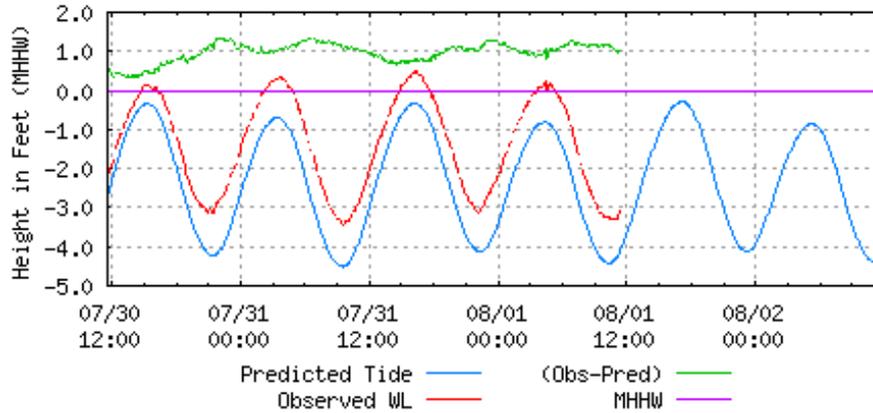
NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL



Last Observed Sample: 08/01/2017 11:36 (EDT)
Wind Speed: 11 knots Gusts: 14 knots Direction: 355° T

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/01/2017 11:30 (EDT). Data relative to MHHW

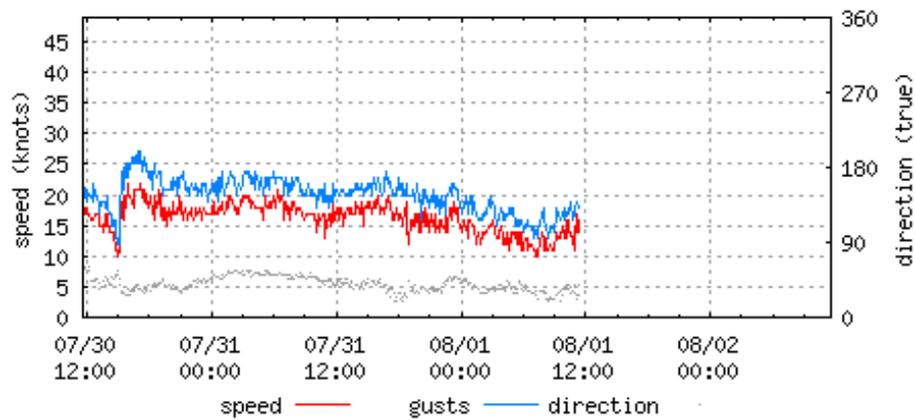
Observed: -3.03 ft. Predicted: -4.03 ft. Residual: 1.00 ft.

Historical Maximum Water Level: Oct 7 2016, 3.22 ft.

Next High Tide: 08/01/2017 17:08 (EDT), -0.28 ft.

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL

Wind Speed / Gusts / Direction

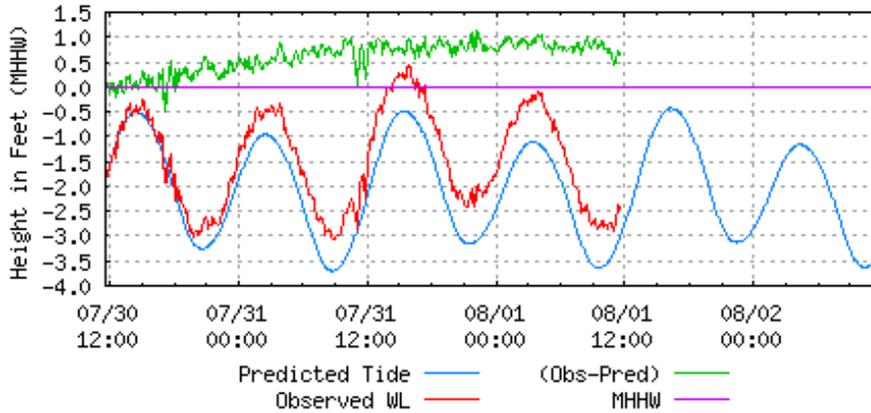


Last Observed Sample: 08/01/2017 11:30 (EDT)

Wind Speed: 16 knots Gusts: 19 knots Direction: 20° T

NOAA/NOS/CO-OPS 8721604 Trident Pier, FL

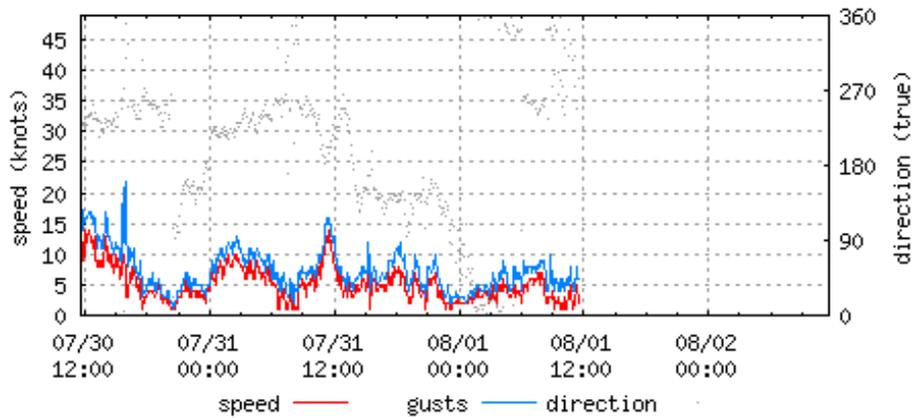
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/01/2017 11:30 (EDT). Data relative to MHHW
Observed: -2.43 ft. Predicted: -3.06 ft. Residual: 0.63 ft.
 Historical Maximum Water Level: Sep 26 2004, 4.01 ft.
 Next High Tide: 08/01/2017 16:20 (EDT), -0.44 ft.

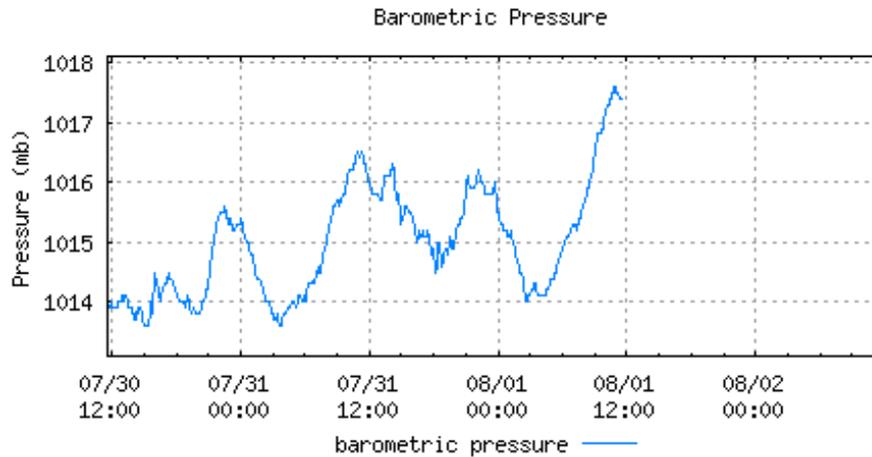
NOAA/NOS/CO-OPS 8721604 Trident Pier, FL

Wind Speed / Gusts / Direction



Last Observed Sample: 08/01/2017 11:30 (EDT)
Wind Speed: 2 knots Gusts: 6 knots Direction: 284° T

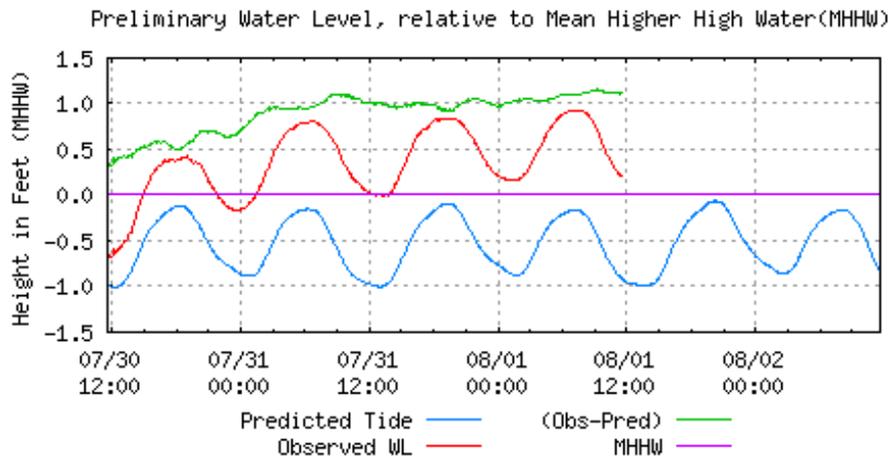
NOAA/NOS/CO-OPS 8721604 Trident Pier, FL



Last Observed Sample: 08/01/2017 11:30 (EDT)

Barometric Pressure: 1017.4 mb

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL



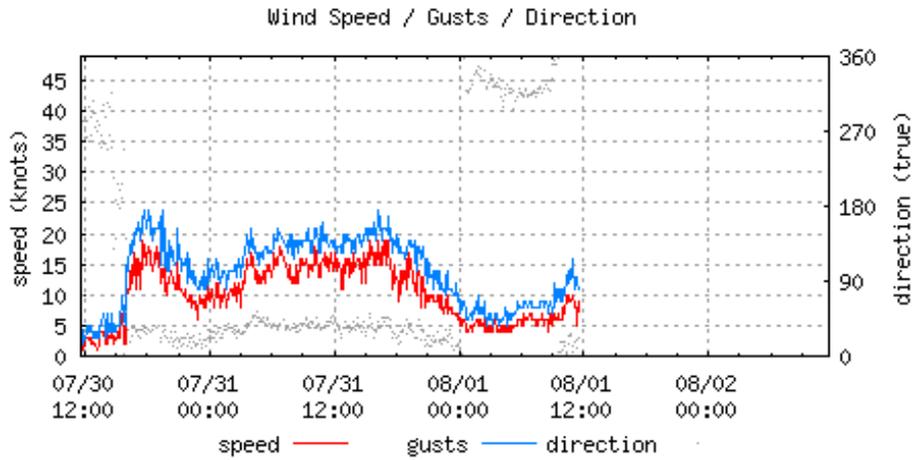
Last Observed Sample: 08/01/2017 11:36 (EDT). Data relative to MHHW

Observed: 0.18 ft. Predicted: -0.92 ft. Residual: 1.10 ft.

Historical Maximum Water Level: Sep 27 2004, 3.46 ft.

Next High Tide: 08/01/2017 20:13 (EDT), -0.06 ft.

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL

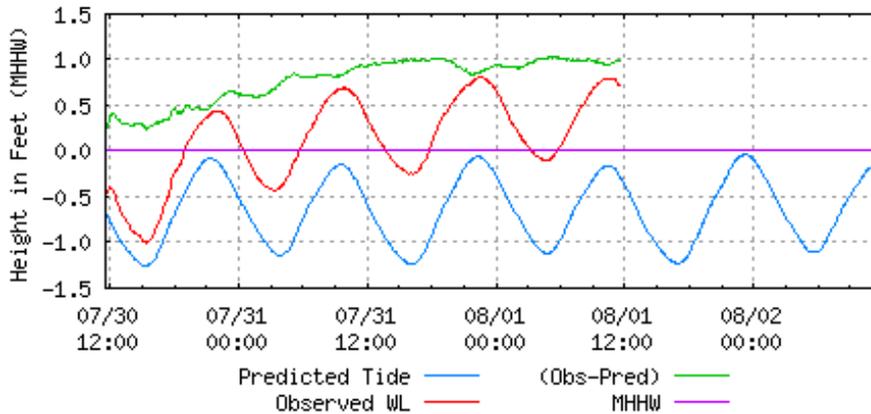


Last Observed Sample: 08/01/2017 11:36 (EDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 13° T

NOAA/NOS/CO-OPS 8720625 Racy Point, St Johns River, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/01/2017 11:36 (EDT). Data relative to MHHW

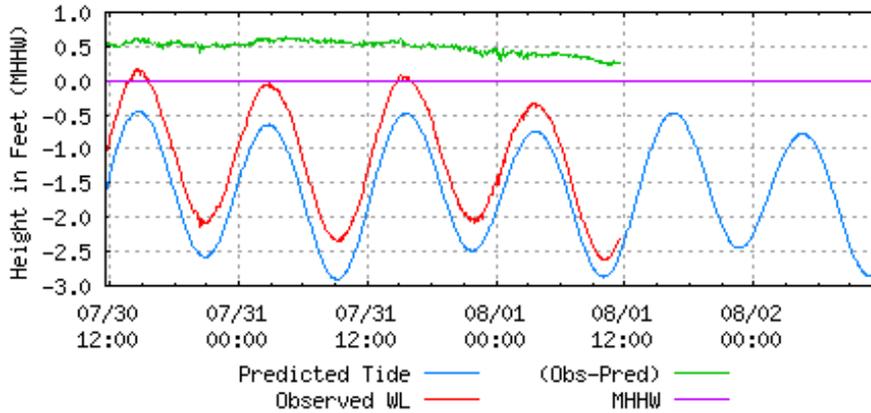
Observed: 0.70 ft. Predicted: -0.29 ft. Residual: 0.99 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/01/2017 23:12 (EDT), -0.04 ft.

NOAA/NOS/CO-OPS 8722670 Lake Worth Pier, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/01/2017 11:30 (EDT). Data relative to MHHW

Observed: -2.31 ft. Predicted: -2.56 ft. Residual: 0.25 ft.

Historical Maximum Water Level: Oct 28 2012, 2.00 ft.

Next High Tide: 08/01/2017 16:32 (EDT), -0.47 ft.

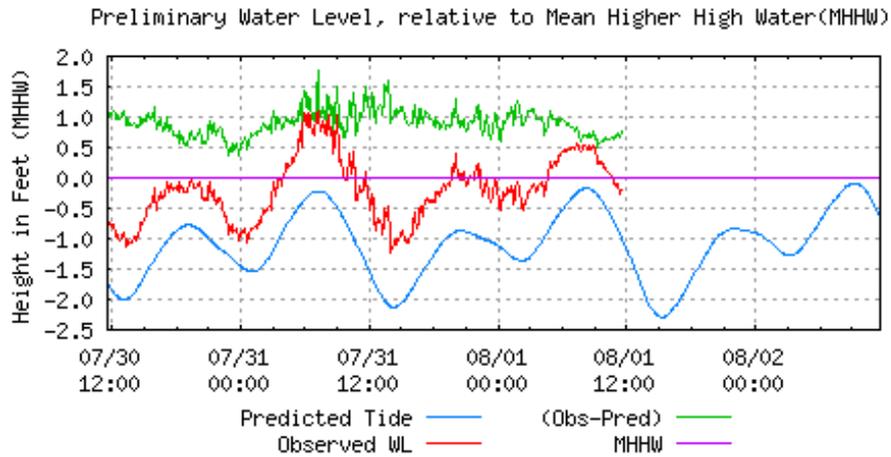
NOAA/NOS/CO-OPS 8722670 Lake Worth Pier, FL
NOAA/NOS/CO-OPS

This data type is not currently available from this station.

Last Observed Sample: 08/01/2017 11:30 (EDT)

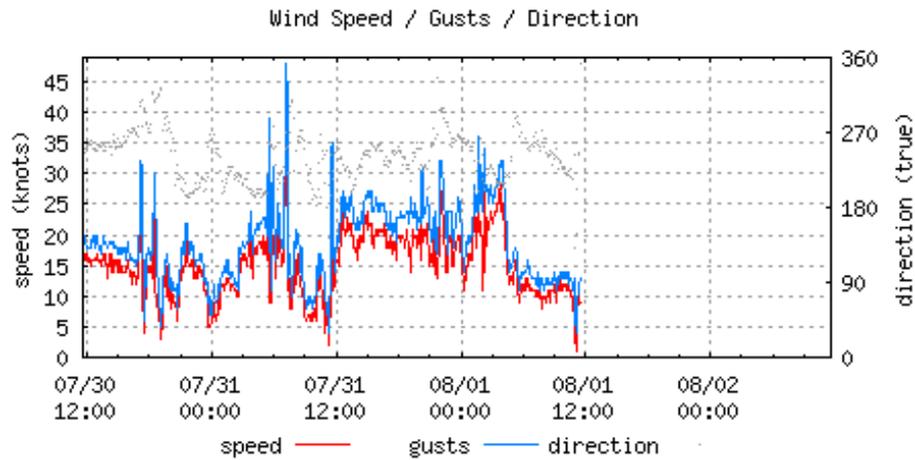
Wind Speed: 13 knots Gusts: 19 knots Direction: 303° T

NOAA/NOS/CO-OPS 8725110 Naples, FL



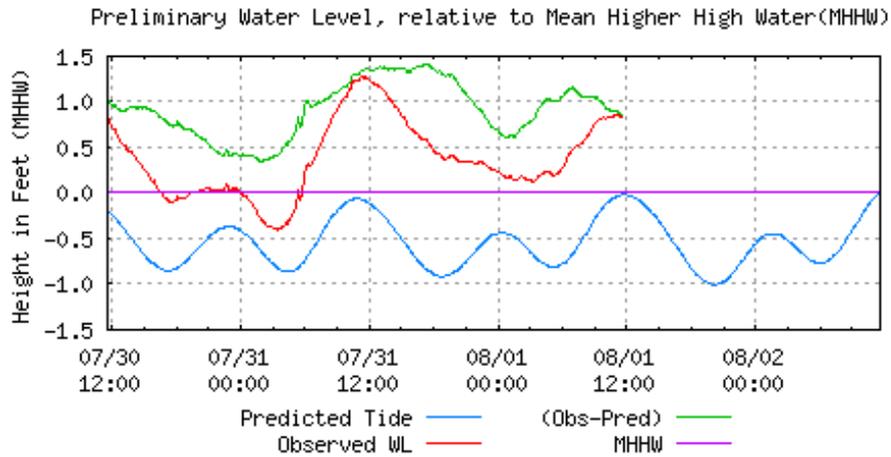
Last Observed Sample: 08/01/2017 11:30 (EDT). Data relative to MHHW
Observed: -0.21 ft. Predicted: -0.98 ft. Residual: 0.77 ft.
 Historical Maximum Water Level: Dec 21 1972, 3.11 ft.
 Next High Tide: 08/01/2017 21:59 (EDT), -0.84 ft.

NOAA/NOS/CO-OPS 8725110 Naples, FL



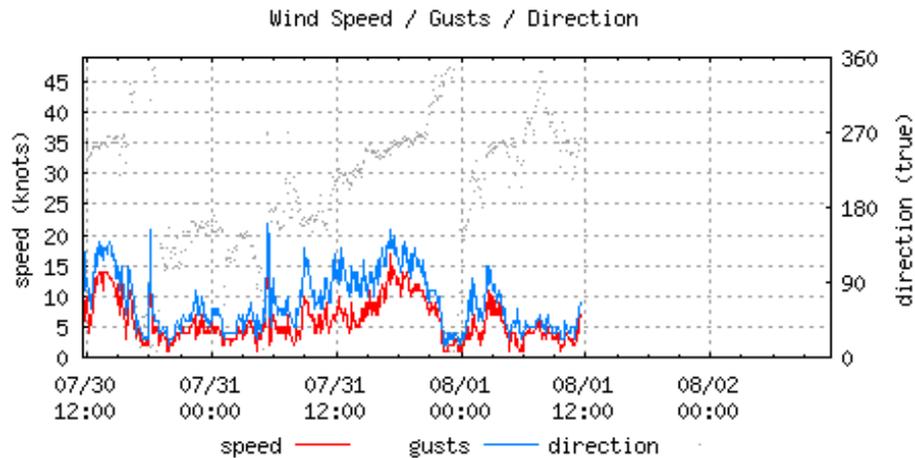
Last Observed Sample: 08/01/2017 11:30 (EDT)
Wind Speed: 9 knots Gusts: 13 knots Direction: 352° T

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL



Last Observed Sample: 08/01/2017 11:30 (EDT). Data relative to MHHW
Observed: 0.83 ft. Predicted: -0.02 ft. Residual: 0.85 ft.
 Historical Maximum Water Level: Nov 23 1988, 3.41 ft.
 Next High Tide: 08/01/2017 11:43 (EDT), -0.02 ft.

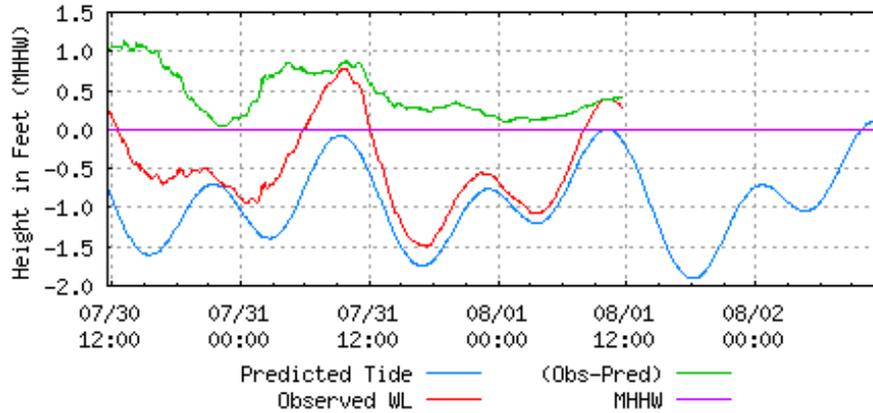
NOAA/NOS/CO-OPS 8725520 Fort Myers, FL



Last Observed Sample: 08/01/2017 11:30 (EDT)
Wind Speed: 7 knots Gusts: 9 knots Direction: 263° T

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

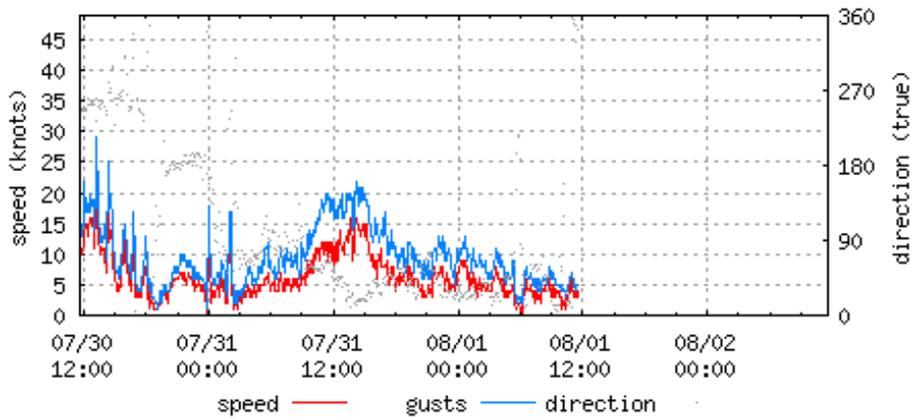
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/01/2017 11:36 (EDT). Data relative to MHHW
Observed: 0.28 ft. Predicted: -0.13 ft. Residual: 0.41 ft.
 Historical Maximum Water Level: Oct 8 1996, 3.60 ft.
 Next High Tide: 08/02/2017 00:36 (EDT), -0.71 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

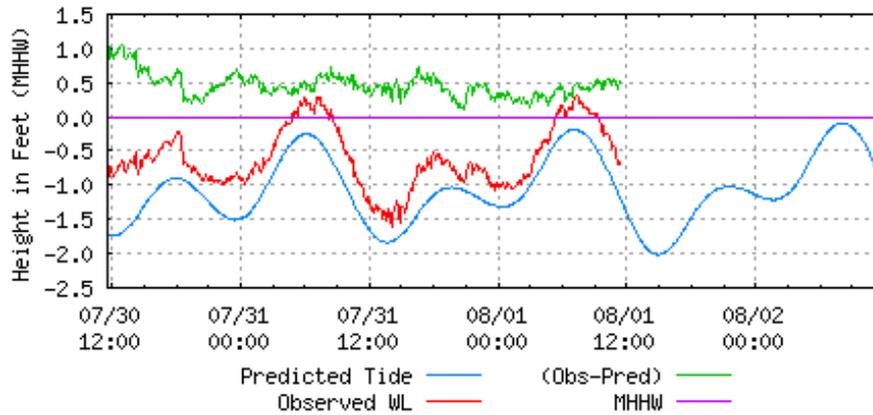
Wind Speed / Gusts / Direction



Last Observed Sample: 08/01/2017 11:36 (EDT)
Wind Speed: 1 knots Gusts: 3 knots Direction: 288° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

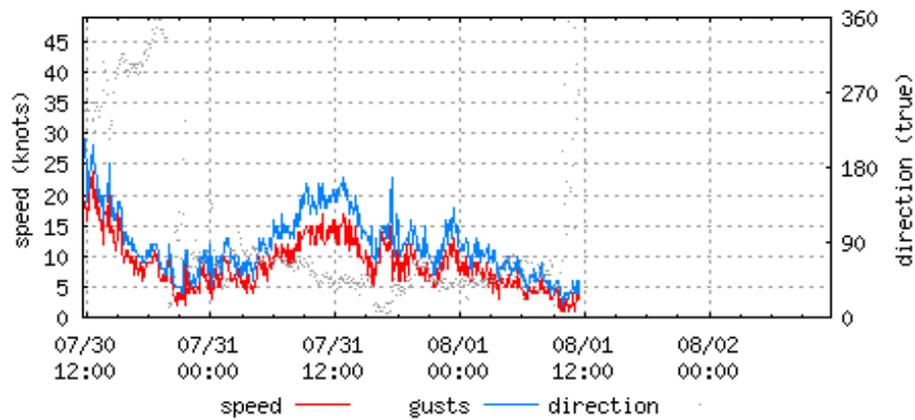
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/01/2017 11:30 (EDT). Data relative to MHHW
Observed: -0.68 ft. Predicted: -1.24 ft. Residual: 0.56 ft.
 Historical Maximum Water Level: Mar 13 1993, 4.00 ft.
 Next High Tide: 08/01/2017 21:31 (EDT), -1.02 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Wind Speed / Gusts / Direction



Last Observed Sample: 08/01/2017 11:30 (EDT)
Wind Speed: 3 knots Gusts: 4 knots Direction: 273° T

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
8720030	Fernandina Beach, FL	08/01/2017 11:36 (EDT)	-4.43 ft	-5.68 ft	1.25 ft	0.34 ft
8720218	Mayport (Bar Pilots Dock), FL	08/01/2017 11:30 (EDT)	-3.03 ft	-4.03 ft	1.00 ft	0.48 ft
8721604	Trident Pier, FL	08/01/2017 11:30 (EDT)	-2.43 ft	-3.06 ft	0.63 ft	0.46 ft
8720357	I-295 Bridge, St Johns River, FL	08/01/2017 11:36 (EDT)	0.18 ft	-0.92 ft	1.10 ft	0.93 ft
8720625	Racy Point, St Johns River, FL	08/01/2017 11:36 (EDT)	0.70 ft	-0.29 ft	0.99 ft	0.80 ft
8722670	Lake Worth Pier, FL	08/01/2017 11:30 (EDT)	-2.31 ft	-2.56 ft	0.25 ft	0.08 ft
8725110	Naples, FL	08/01/2017 11:30 (EDT)	-0.21 ft	-0.98 ft	0.77 ft	0.56 ft
8725520	Fort Myers, FL	08/01/2017 11:30 (EDT)	0.83 ft	-0.02 ft	0.85 ft	1.27 ft
8726607	Old Port Tampa, FL	08/01/2017 11:36 (EDT)	0.28 ft	-0.13 ft	0.41 ft	0.39 ft
8726724	Clearwater Beach, FL	08/01/2017 11:30 (EDT)	-0.68 ft	-1.24 ft	0.56 ft	0.31 ft

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