As of 09/19/2017 18:00 EDT, water levels along the Atlantic coast from Duck, NC to Long Island, NY remain elevated by 1.0 to 2.25 feet above normal tide levels. Water level residuals appear to be leveling off or dropping slightly across the mid-Atlantic, however any increase in water levels due to Jose are combining with abnormally large high tides, resulting in areas that are normally dry to become wet during high tide as Jose moves offshore. The next high tide will occur at most areas over the next few hours.
Water levels within Long Island Sound and across southern New England are also slightly elevated by 0.7 to 1.1 feet above tidal predictions.

Winds are slowly increasing from the mid-Atlantic to southern New England and generally range between 10 and 25 knots with slightly higher gusts. The strongest winds are being observed along the Atlantic coast from Chesapeake Bay Bridge Tunnel, VA to Lewes, DE where gusts of 30 to 40 knots have been observed. Barometric pressure continues to slowly fall 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 real-time and historical inundation information for select stations affected by this storm, please see Coastal Inundation Dashboard.

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: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Hurricane Jose Advisory Number 58
NWS National Hurricane Center Miami FL AL122017
500 PM EDT Tue Sep 19 2017

...HURRICANE JOSE WILL CONTINUE TO PRODUCE DANGEROUS SURF AND RIP CURRENTS ALONG THE U.S. EAST COAST FOR SEVERAL MORE DAYS...

SUMMARY OF 500 PM EDT...2100 UTC...INFORMATION

LOCATION...37.2N 71.3W
ABOUT 270 MI...435 KM ENE OF CAPE HATTERAS NORTH CAROLINA
ABOUT 285 MI...460 KM SSW OF NANTUCKET MASSACHUSETTS
MAXIMUM SUSTAINED WINDS...75 MPH...120 KM/H
PRESENT MOVEMENT...NNE OR 25 DEGREES AT 8 MPH...13 KM/H
MINIMUM CENTRAL PRESSURE...976 MB...28.82 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued from Hull southward to Sagamore Beach and also west of Woods Hole.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...
* Woods Hole to Sagamore Beach, including Cape Cod
* Block Island
A Tropical Storm Watch is in effect for...  
* The coast of Long Island from Fire Island Inlet to Port Jefferson

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within the next 24 to 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within the next 24 hours.

Interests elsewhere along the U.S. east coast from Virginia northward to New England should monitor the progress of Jose.

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 500 PM EDT (2100 UTC), the center of Hurricane Jose was located near latitude 37.2 North, longitude 71.3 West. Jose is moving toward the north-northeast near 8 mph (13 km/h) and this general motion is expected to continue into this evening. A turn to the northeast is forecast to occur by Wednesday morning. On the forecast track, the center of Jose is expected to pass well offshore of the Delmarva peninsula later tonight, pass well to the east of the New Jersey coast on Wednesday, and pass offshore of southeastern Massachusetts by Thursday.

Maximum sustained winds are near 75 mph (120 km/h) with higher gusts. Little change in strength is expected tonight, but Jose should begin to gradually weaken on Wednesday.

Hurricane-force winds extend outward up to 60 miles (95 km) from the center and tropical-storm-force winds extend outward up to 310 miles (500 km). A ship located about 170 miles west of the center of Jose recently reported a sustained wind of 46 mph (74 km/h).

The estimated minimum central pressure is 976 mb (28.82 inches).

**HAZARDS AFFECTING LAND**

**WIND:** Tropical storm conditions are expected to begin in the warning area early Wednesday. Tropical storm conditions are possible in the watch area beginning tonight.

**SURF:** Swells generated by Jose are affecting Bermuda, the Bahamas, and much of the U.S. east coast. These swells are likely to cause dangerous surf and rip current conditions for the next several days in these areas. For more information, please consult products from your local weather office.

**RAINFALL:** Jose is expected to produce total rain accumulations of 1 to 3 inches over eastern Long Island, southeast Connecticut, southern Rhode Island, and southeast Massachusetts. Rainfall amounts of 3 to 5 inches are expected for Martha's Vineyard, Nantucket and Cape Cod through Wednesday. This rainfall could cause isolated flooding.

**NEXT ADVISORY**

Next intermediate advisory at 800 PM EDT.
Next complete advisory at 1100 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: Chesapeake Bay Bridge Tunnel - Water Level, Chesapeake Bay Bridge Tunnel - Winds, Chesapeake Bay Bridge Tunnel - Barometric, Sewells Point - Water Level, Kiptopeke - Water Level, Kiptopeke - Winds, Wachapreague - Water Level, Wachapreague - Winds, Wachapreague - Barometric, Ocean City Inlet - Water Level, Ocean City Inlet - Winds, Ocean City Inlet - Barometric, Lewes - Water Level, Lewes - Winds, Atlantic City - Water Level, Atlantic City - Barometric, Sandy Hook - Water Level, Sandy Hook - Winds, The Battery - Water Level, Kings Point - Water Level, Kings Point - Winds, New Haven - Water Level, Montauk - Water Level, Montauk - Barometric, Newport - Water Level, Newport - Winds, Nantucket Island - Water Level, Nantucket Island - Winds, Woods Hole - Water Level, Chatham - Water Level, Duck - Water Level, Duck - Winds
Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW

- **Observed**: 1.10 ft.
- **Predicted**: -0.88 ft.
- **Residual**: 1.98 ft.

Historical Maximum Water Level: Nov 12 2009, 4.66 ft.

Next High Tide: 09/19/2017 20:41 (EDT), 0.39 ft.

Last Observed Sample: 09/19/2017 17:54 (EDT)

- **Wind Speed**: 22 knots
- **Gusts**: 25 knots
- **Direction**: 348° T
NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA

Barometric Pressure

Barometric Pressure: 1010.8 mb

Last Observed Sample: 09/19/2017 17:54 (EDT)

NOAA/NOS/CO-OPS 8638610 Sewells Point, VA

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

Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW

Observed: 0.53 ft. Predicted: -1.55 ft. Residual: 2.08 ft.

Historical Maximum Water Level: Aug 23 1933, 5.26 ft.

Next High Tide: 09/19/2017 21:31 (EDT), 0.38 ft.
NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA

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

Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW

Observed: 0.44 ft. Predicted: -1.31 ft. Residual: 1.75 ft.

Historical Maximum Water Level: Mar 8 1962, 4.13 ft.

Next High Tide: 09/19/2017 21:01 (EDT), 0.37 ft.

NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA

Wind Speed / Gusts / Direction

Last Observed Sample: 09/19/2017 17:48 (EDT)

Wind Speed: 21 knots Gusts: 30 knots Direction: 3° T
Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW
  Observed: 0.30 ft. Predicted: -1.81 ft. Residual: 2.11 ft.
  Next High Tide: 09/19/2017 20:54 (EDT), 0.50 ft.

Last Observed Sample: 09/19/2017 17:54 (EDT)
  Wind Speed: 12 knots  Gusts: 21 knots  Direction: 347° T
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA

Barometric Pressure

Last Observed Sample: 09/19/2017 17:54 (EDT)
Barometric Pressure: 1010.3 mb

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

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

Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW

Observed: 1.29 ft. Predicted: -0.22 ft. Residual: 1.51 ft.
Next High Tide: 09/19/2017 20:29 (EDT), 0.46 ft.
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction

Wind Speed: 20 knots  Gusts: 25 knots  Direction: 7° T

Last Observed Sample: 09/19/2017 17:54 (EDT)

Barometric Pressure

Barometric Pressure: 1009.4 mb

Last Observed Sample: 09/19/2017 17:54 (EDT)
Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW
Historical Maximum Water Level: Jan 23 2016, 4.60 ft.
Next High Tide: 09/19/2017 21:00 (EDT), 0.48 ft.

Wind Speed: 27 knots  Gusts: 32 knots  Direction: 8° T
Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW
  Observed: 1.00 ft. Predicted: -0.40 ft. Residual: 1.40 ft.
  Next High Tide: 09/19/2017 19:45 (EDT), 0.60 ft.

Last Observed Sample: 09/19/2017 17:54 (EDT)
  Barometric Pressure: 1009.4 mb
Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW
Observed: 0.27 ft. Predicted: -1.16 ft. Residual: 1.43 ft.
Historical Maximum Water Level: Sep 12 1960, 4.86 ft.
Next High Tide: 09/19/2017 20:03 (EDT), 0.64 ft.

Last Observed Sample: 09/19/2017 17:48 (EDT)
Wind Speed: 14 knots Gusts: 20 knots Direction: 30° T
NOAA/NOS/CO-OPS 8518750 The Battery, NY

Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW

Observed: -0.33 ft. Predicted: -1.49 ft. Residual: 1.16 ft.
Next High Tide: 09/19/2017 20:33 (EDT), 0.61 ft.

NOAA/NOS/CO-OPS 8516945 Kings Point, NY

Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW

Historical Maximum Water Level: Oct 30 2012, 6.44 ft.
Next High Tide: 09/20/2017 00:02 (EDT), 0.74 ft.
NOAA/NOS/CO-OPS 8516945 Kings Point, NY

Wind Speed / Gusts / Direction

Last Observed Sample: 09/19/2017 17:54 (EDT)
Wind Speed: 12 knots Gusts: 17 knots Direction: 59° T

NOAA/NOS/CO-OPS 8465705 New Haven, CT

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

Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW
Observed: -5.84 ft. Predicted: -6.68 ft. Residual: 0.84 ft.
Historical Maximum Water Level: Oct 30 2012, 5.52 ft.
Next High Tide: 09/19/2017 23:29 (EDT), 0.39 ft.
NOAA/NOS/CO-OPS 8510560 Montauk, NY

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

Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW
Observed: -0.17 ft. Predicted: -1.29 ft. Residual: 1.12 ft.
Historical Maximum Water Level: Aug 31 1954, 5.91 ft.
Next High Tide: 09/19/2017 21:04 (EDT), 0.28 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY

Barometric Pressure

Last Observed Sample: 09/19/2017 17:54 (EDT)
Barometric Pressure: 1011.1 mb
NOAA/NOS/CO-OPS 8452660 Newport, RI

Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW
- Observed: -0.21 ft.
- Predicted: -1.03 ft.
- Residual: 0.82 ft.
- Historical Maximum Water Level: Sep 21 1938, 9.46 ft.
- Next High Tide: 09/19/2017 20:08 (EDT), 0.59 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI

Wind Speed / Gusts / Direction

Last Observed Sample: 09/19/2017 17:54 (EDT)
- Wind Speed: 10 knots
- Gusts: 17 knots
- Direction: 12° T
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW

Observed: -2.78 ft. Predicted: -3.52 ft. Residual: 0.74 ft.


Next High Tide: 09/20/2017 00:40 (EDT), 0.15 ft.

Wind Speed / Gusts / Direction

Last Observed Sample: 09/19/2017 17:48 (EDT)

Wind Speed: 17 knots Gusts: 23 knots Direction: 69° T
NOAA/NOS/CO-OPS 8447930 Woods Hole, MA

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

Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW

Observed: -0.49 ft. Predicted: -1.25 ft. Residual: 0.76 ft.

Historical Maximum Water Level: Sep 21 1938, 8.58 ft.

Next High Tide: 09/19/2017 20:18 (EDT), 0.31 ft.

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NOAA/NOS/CO-OPS 8447435 Chatham, MA

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

Last Observed Sample: 09/19/2017 17:30 (EDT). Data relative to MHHW


Historical Maximum Water Level: Jan 3 2014, 4.26 ft.

Next High Tide: 09/20/2017 00:28 (EDT), 0.31 ft.
NOAA/NOS/CO-OPS 8651370 Duck, NC

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

Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW
- Observed: 1.73 ft.
- Predicted: -0.33 ft.
- Residual: 2.06 ft.

Historical Maximum Water Level: Sep 18 2003, 4.13 ft.
Next High Tide: 09/19/2017 19:42 (EDT), 0.43 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC

Wind Speed / Gusts / Direction

Last Observed Sample: 09/19/2017 17:54 (EDT)
- Wind Speed: 23 knots
- Gusts: 29 knots
- Direction: 327° T
<table>
<thead>
<tr>
<th>Station ID</th>
<th>Station Name</th>
<th>Date/Time</th>
<th>Observed Water Level</th>
<th>Predicted Tide</th>
<th>Residual Water Level</th>
<th>24 Hour Maximum Storm Tide</th>
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<tbody>
<tr>
<td>8638863</td>
<td>Chesapeake Bay Bridge Tunnel, VA</td>
<td>09/19/2017 17:54 (EDT)</td>
<td>1.10 ft</td>
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<td>09/19/2017 17:54 (EDT)</td>
<td>0.53 ft</td>
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<td>Kiptopeke, VA</td>
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<td>0.44 ft</td>
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<td>Wachapreague, VA</td>
<td>09/19/2017 17:54 (EDT)</td>
<td>0.30 ft</td>
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<td>Ocean City Inlet, MD</td>
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<td>1.29 ft</td>
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<td>Kings Point, NY</td>
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<td>-6.48 ft</td>
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<td>2.06 ft</td>
<td>2.83 ft</td>
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