Storm Analysis
As of 09/22/2017 12:00 AST, water levels from the mid-Atlantic coast to southern New England remain elevated from 0.5 to 2.0 ft above normal. Chatham, MA and Nantucket Island, MA have the highest water levels, measuring about 2 ft above normal tide levels. Elsewhere, water levels range between 0.5 and 1.5 ft above tidal predictions as far south as Wachapreague, VA.
Winds around southern New England range from 15 to 20 kts with gusts up to 30 kts observed over the past few hours. Elsewhere, winds are generally 15 kts or less.

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: RCL

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Post-Tropical Cyclone Jose Advisory Number 69
NWS National Hurricane Center Miami FL
1100 AM AST Fri Sep 22 2017

...JOSE GRADUALLY WEAKENING BUT CONTINUES TO BRING TROPICAL STORM CONDITIONS TO SOUTHERN NEW ENGLAND...

SUMMARY OF 1100 AM AST...1500 UTC...INFORMATION

LOCATION...39.5N 69.4W
ABOUT 120 MI...195 KM SSE OF NANTUCKET MASSACHUSETTS
MAXIMUM SUSTAINED WINDS...45 MPH...75 KM/H
PRESENT MOVEMENT...SW OR 235 DEGREES AT 2 MPH...4 KM/H
MINIMUM CENTRAL PRESSURE...993 MB...29.33 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None.

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
* Martha's Vineyard
* Nantucket

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your
DISCUSSION AND 48-HOUR OUTLOOK
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At 1100 AM AST (1500 UTC), the center of Post-Tropical Cyclone Jose was located near latitude 39.5 North, longitude 69.4 West. The post-tropical cyclone is moving toward the southwest near 2 mph (4 km/h). Jose is expected to meander off the coast of New England for the next several days.

Maximum sustained winds have decreased to near 45 mph (75 km/h) with higher gusts. Some weakening is forecast during the next 48 hours.

Tropical-storm-force winds extend outward up to 160 miles (260 km) from the center.

The estimated minimum central pressure is 993 mb (29.33 inches).

HAZARDS AFFECTING LAND
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WIND: Tropical storm conditions are expected to continue in the warning area through this afternoon.

SURF: Swells generated by Jose are affecting Bermuda and much of the U.S. east coast and will likely cause dangerous surf and rip current conditions during the next couple of days. For more information, please consult products from your local weather office.

Rainfall: Jose is expected to produce additional rainfall accumulations of up to one inch across Cape Cod and the offshore Islands of Martha's Vineyard and Nantucket through early Saturday. When including rain that has already fallen, storm total accumulations could reach 6 inches on Nantucket.

NEXT ADVISORY
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Next intermediate advisory at 200 PM AST.
Next complete advisory at 500 PM AST.

Forecaster Blake

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.
Haven - Water Level, New Haven - Winds, Montauk - Water Level, Montauk - Barometric, Kings Point - Water Level, Kings Point - Winds, The Battery - Water Level, Sandy Hook - Water Level, Sandy Hook - Winds, Sandy Hook - Barometric, Atlantic City - Water Level, Lewes - Water Level, Lewes - Winds, Ocean City Inlet - Water Level, Ocean City Inlet - Winds, Wachapreague - Water Level
NOAA/NOS/CO-OPS 8447435 Chatham, MA

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

Last Observed Sample: 09/22/2017 11:30 (EDT). Data relative to MHHW
  Observed: -0.63 ft. Predicted: -2.50 ft. Residual: 1.87 ft.
  Historical Maximum Water Level: Jan 3 2014, 4.26 ft.
  Next High Tide: 09/22/2017 14:24 (EDT), 0.11 ft.

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA

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

Last Observed Sample: 09/22/2017 11:42 (EDT). Data relative to MHHW
  Observed: 0.25 ft. Predicted: -1.28 ft. Residual: 1.53 ft.
  Next High Tide: 09/22/2017 14:32 (EDT), -0.01 ft.
Last Observed Sample: 09/22/2017 11:42 (EDT)

Wind Speed: 15 knots  Gusts: 24 knots  Direction: 19° T

Barometric Pressure: 1009.5 mb
Last Observed Sample: 09/22/2017 11:48 (EDT). Data relative to MHHW
Observed: -0.21 ft. Predicted: -0.65 ft. Residual: 0.44 ft.
Historical Maximum Water Level: Sep 21 1938, 9.46 ft.
Next High Tide: 09/22/2017 22:18 (EDT), 0.05 ft.

Wind Speed: 18 knots  Gusts: 31 knots  Direction: 6° T
NOAA/NOS/CO-OPS 8452660 Newport, RI

Barometric Pressure

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<tr>
<th>Date/Time</th>
<th>Pressure (mb)</th>
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<tr>
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Last Observed Sample: 09/22/2017 11:48 (EDT)
Barometric Pressure: 1013.1 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA

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

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<thead>
<tr>
<th>Date/Time</th>
<th>Height in Feet (MHHW)</th>
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<tr>
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</table>

Last Observed Sample: 09/22/2017 11:42 (EDT). Data relative to MHHW
Observed: 0.40 ft. Predicted: -0.26 ft. Residual: 0.66 ft.
Historical Maximum Water Level: Sep 21 1938, 8.58 ft.
Next High Tide: 09/22/2017 22:33 (EDT), -0.14 ft.
Last Observed Sample: 09/22/2017 11:48 (EDT). Data relative to MHHW
Observed: 0.11 ft. Predicted: -0.64 ft. Residual: 0.75 ft.
Historical Maximum Water Level: Oct 30 2012, 5.52 ft.
Next High Tide: 09/22/2017 13:20 (EDT), 0.48 ft.

Last Observed Sample: 09/22/2017 11:48 (EDT)
Wind Speed: 22 knots Gusts: 27 knots Direction: 19° T
Last Observed Sample: 09/22/2017 11:48 (EDT). Data relative to MHHW

- Observed: 1.15 ft.
- Predicted: 0.25 ft.
- Residual: 0.90 ft.

Historical Maximum Water Level: Aug 31 1954, 5.91 ft.

Next High Tide: 09/22/2017 23:21 (EDT), -0.08 ft.

Last Observed Sample: 09/22/2017 11:48 (EDT)

Barometric Pressure: 1012.9 mb
Last Observed Sample: 09/22/2017 11:48 (EDT). Data relative to MHHW:
- Observed: 0.65 ft.
- Predicted: -0.60 ft.
- Residual: 1.25 ft.
- Next High Tide: 09/22/2017 13:42 (EDT), 0.65 ft.

Last Observed Sample: 09/22/2017 11:48 (EDT)
- Wind Speed: 13 knots
- Gusts: 16 knots
- Direction: 29° T
NOAA/NOS/CO-OPS 8518750 The Battery, NY

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

Last Observed Sample: 09/22/2017 11:54 (EDT). Data relative to MHHW


Next High Tide: 09/22/2017 22:45 (EDT), -0.01 ft.

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NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ

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

Last Observed Sample: 09/22/2017 11:42 (EDT). Data relative to MHHW

Observed: 0.85 ft. Predicted: -0.65 ft. Residual: 1.50 ft.

Historical Maximum Water Level: Sep 12 1960, 4.86 ft.

Next High Tide: 09/22/2017 22:13 (EDT), 0.01 ft.
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ

Wind Speed / Gusts / Direction

Last Observed Sample: 09/22/2017 11:42 (EDT)
Wind Speed: 9 knots Gusts: 15 knots Direction: 352° T

Barometric Pressure

Last Observed Sample: 09/22/2017 11:42 (EDT)
Barometric Pressure: 1016.4 mb
NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ

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

Last Observed Sample: 09/22/2017 11:42 (EDT). Data relative to MHHW
Observed: 0.66 ft. Predicted: -0.97 ft. Residual: 1.63 ft.
Next High Tide: 09/22/2017 21:50 (EDT), -0.01 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE

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

Last Observed Sample: 09/22/2017 11:42 (EDT). Data relative to MHHW
Observed: 1.48 ft. Predicted: -0.01 ft. Residual: 1.49 ft.
Historical Maximum Water Level: Jan 23 2016, 4.60 ft.
Next High Tide: 09/22/2017 23:04 (EDT), -0.09 ft.
NOAA/NOS/CO-OPS 8557380 Lewes, DE

Wind Speed / Gusts / Direction

Last Observed Sample: 09/22/2017 11:42 (EDT)
Wind Speed: 15 knots  Gusts: 17 knots  Direction: 357° T

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

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

Last Observed Sample: 09/22/2017 11:48 (EDT). Data relative to MHHW
Observed: 1.29 ft.  Predicted: 0.01 ft.  Residual: 1.28 ft.
Next High Tide: 09/22/2017 22:20 (EDT), 0.16 ft.
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction

Last Observed Sample: 09/22/2017 11:48 (EDT)
Wind Speed: 11 knots  Gusts: 13 knots  Direction: 11° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA

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

Last Observed Sample: 09/22/2017 11:48 (EDT). Data relative to MHHW
Observed: 1.23 ft.  Predicted: 0.14 ft.  Residual: 1.09 ft.
Next High Tide: 09/22/2017 23:02 (EDT), 0.05 ft.
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<tr>
<th>Station ID</th>
<th>Station Name</th>
<th>Date/Time</th>
<th>Observed Water Level</th>
<th>Predicted Tide</th>
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