



Typhoon Mangkhut QuickLook
Posted: 08:00 ChST 09/11/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Typhoon warning canceled for the Northern Marianas. Final QuickLook issued.

As of 9/11/18 at 02:00 ChST, water levels along the coast of Guam are returning to normal tide levels as Typhoon Mangkhut moves away but remain elevated by under half a foot above tidal predictions. Water levels at both Pago Bay and Apra Harbor reached between 1.3 and 1.4 feet above Mean Higher High Water (MHHW) based on

preliminary observations as the storm passed to the north of Guam. Winds, which peaked at just under 40 knots with gusts up to 60 knots have decreased and are now measuring below 15 knots.

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant.

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 information for select stations affected by this storm, please visit Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: PFF

Select National Weather Service Guam Advisory Information:

BULLETIN

Typhoon Mangkhut (26W) Advisory Number 16
National Weather Service Tiyan GU WP262018
741 AM ChST Tue Sep 11 2018

...MANGKHUT CONTINUES MOVING AWAY FROM THE MARIANAS...

CHANGES WITH THIS ADVISORY

None.

WATCHES AND WARNINGS

None.

Gusty winds will continue and could reach up to 35 mph at times, especially this morning. Winds will continue to subside through the day. Conditions are expected to improve today.

Remain in your shelters until the all clear is received.

SUMMARY OF 700 AM CHST...2100 UTC...INFORMATION

Location...14.0N 141.9E

About 195 miles west-northwest of Guam
About 220 miles west of Rota
About 255 miles west-southwest of Tinian
About 270 miles west-southwest of Saipan

Maximum sustained winds...125 mph
Present movement...west...265 degrees at 20 mph

DISCUSSION AND OUTLOOK

At 700 AM CHST...2100 UTC...the center of Typhoon Mangkhut was located near Latitude 14.0 degrees North and Longitude 141.9 degrees East. Typhoon Mangkhut is moving toward the west at 20 mph. It is expected to make a slight turn to the west-northwest with a decrease in forward speed over the next few days.

Maximum sustained winds remain at 125 mph. Typhoon Mangkhut is forecast to intensify over the next few days.

Typhoon force winds extend outward from the center up to 50 miles. Tropical storm force winds extend outward from the center up to 220 miles to the north and up to 160 miles to the south.

NEXT ADVISORY

The next scheduled advisory will be issued by the National Weather Service at 200 PM this afternoon.

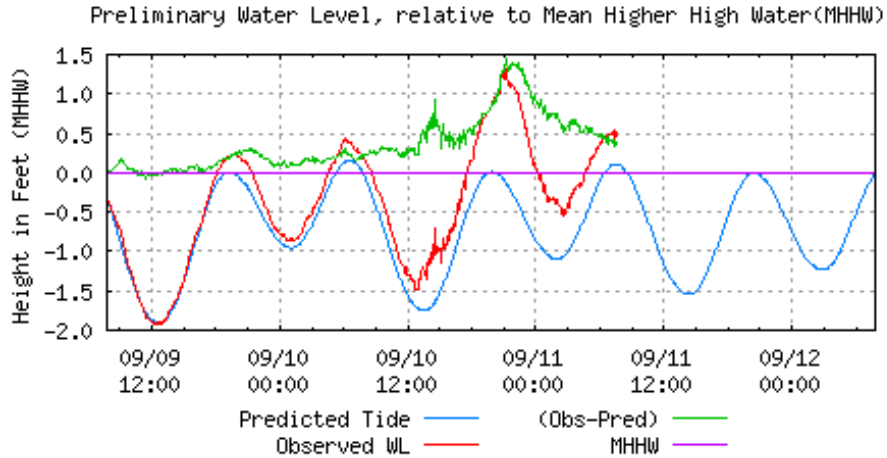
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Nierenberg

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: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



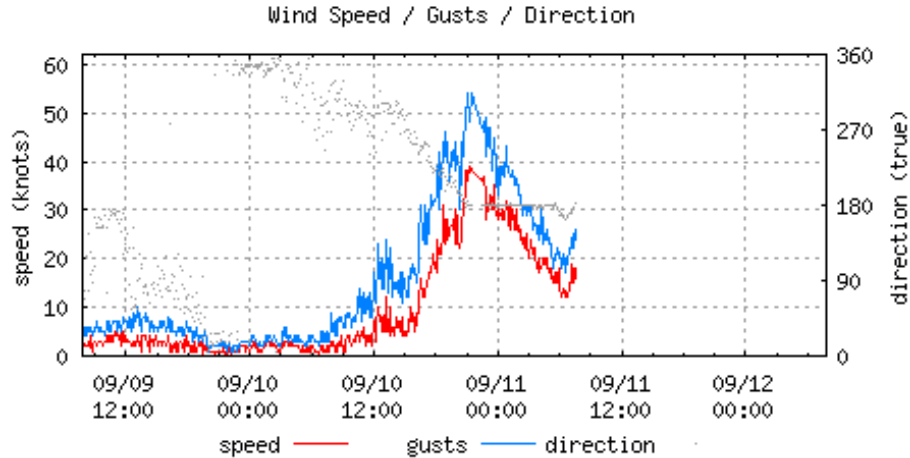
Last Observed Sample: 09/11/2018 07:36 (ChST). Data relative to MHHW

Observed: 0.46 ft. Predicted: 0.11 ft. Residual: 0.35 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 09/11/2018 20:26 (ChST), -0.00 ft.

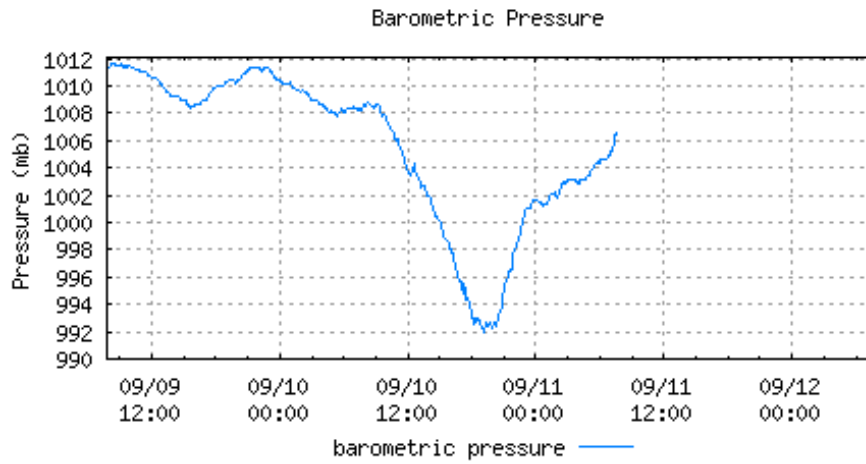
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 09/11/2018 07:36 (ChST)

Wind Speed: 18 knots Gusts: 26 knots Direction: 183° T

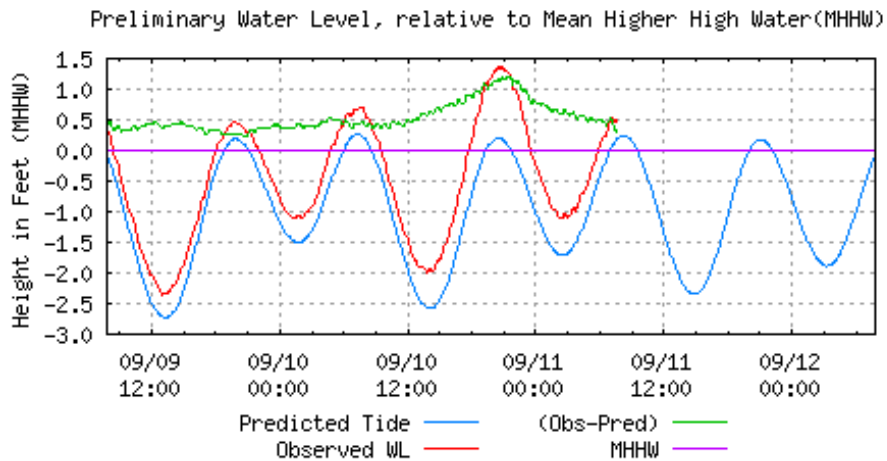
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 09/11/2018 07:36 (ChST)

Barometric Pressure: 1006.5 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



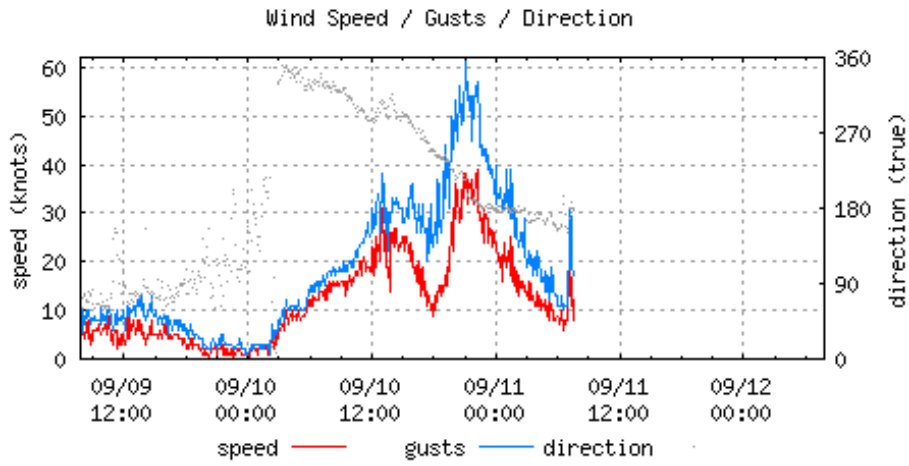
Last Observed Sample: 09/11/2018 07:36 (ChST). Data relative to MHHW

Observed: 0.51 ft. Predicted: 0.18 ft. Residual: 0.33 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 09/11/2018 08:13 (ChST), 0.24 ft.

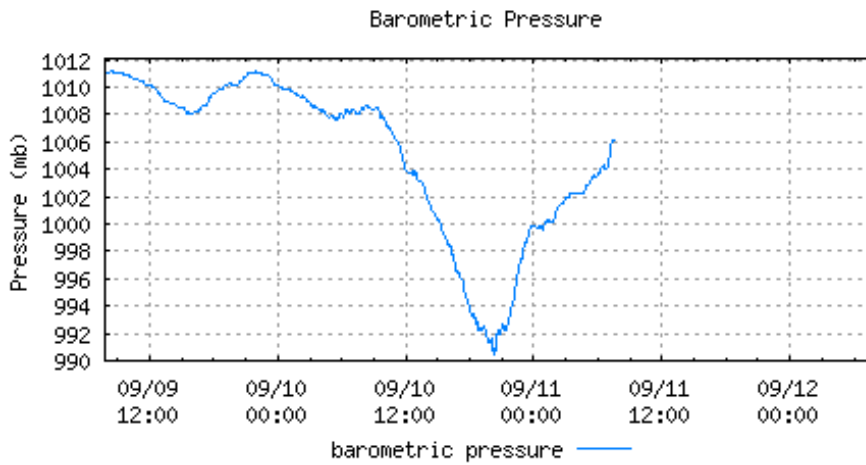
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 09/11/2018 07:36 (ChST)

Wind Speed: 8 knots Gusts: 17 knots Direction: 181° T

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 09/11/2018 07:36 (ChST)

Barometric Pressure: 1006.2 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
1631428	Pago Bay, Guam	09/11/2018 07:36 (ChST)	0.46 ft	0.11 ft	0.35 ft	1.31 ft
1630000	Apra Harbor, Guam	09/11/2018 07:36 (ChST)	0.51 ft	0.18 ft	0.33 ft	1.36 ft

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