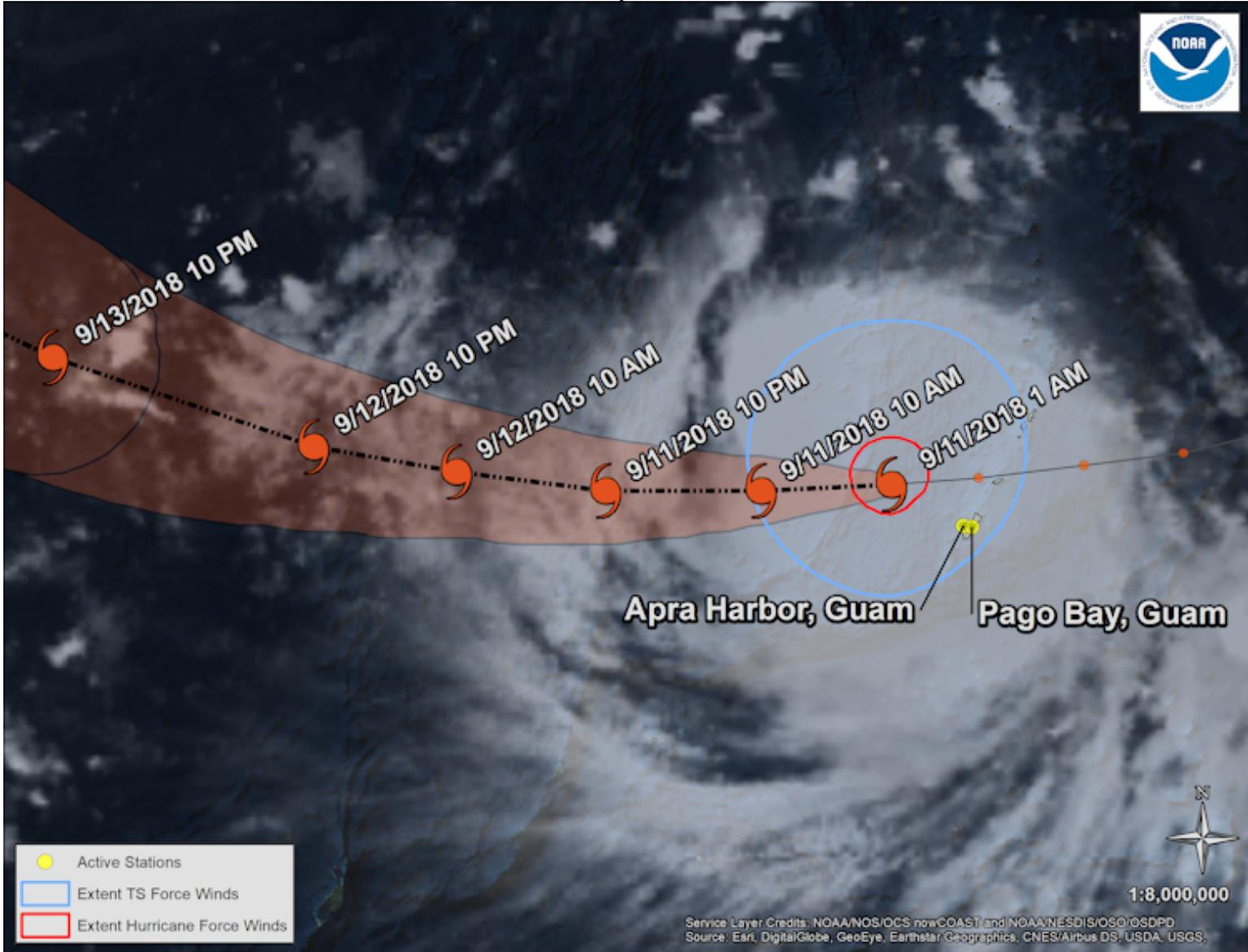




Typhoon Mangkhut QuickLook
Posted: 02:00 ChST 09/11/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 9/11/18 at 02:00 ChST, water levels along the coast of Guam are above normal tide levels by 0.5 to 1.0 feet but are decreasing. Winds reached a peak near 40 knots but now have slowed to a range between 20 and 30 knots, with gusts between 35 to 40 knots. Barometric pressure is rising rapidly.

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: RCL

Select National Weather Service Guam Advisory Information:

Typhoon Mangkhut (26W) Advisory Number 15
National Weather Service Tiyan GU
119 AM ChST Tue Sep 11 2018

...MANGKHUT CONTINUES TO MOVE AWAY FROM THE MARIANAS...

CHANGES WITH THIS ADVISORY

None.

WATCHES AND WARNINGS

A Typhoon Warning remains in effect for Guam, Rota, Tinian, Saipan and adjacent coastal waters in the Mariana Islands.

Winds have decreased and typhoon force winds are no longer expected. However, damaging wind gusts to tropical storm force are possible. 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 100 AM CHST...1500 UTC...INFORMATION

Location...14.1N 143.5E

About 95 miles west-northwest of Guam
About 115 miles west of Rota
About 155 miles west-southwest of Tinian
About 165 miles west-southwest of Saipan

Maximum sustained winds...115 mph
Present movement...west...260 degrees at 17 mph

DISCUSSION AND OUTLOOK

At 100 AM CHST...1500 UTC...the center of Typhoon Mangkhut was located near Latitude 14.1 degrees North and Longitude 143.5

degrees East. Typhoon Mangkhut is moving toward the west at 17 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 115 mph. Typhoon Mangkhut (26W) is forecast to intensify through Wednesday.

Typhoon force winds extend outward from the center up to 50 miles. Tropical storm force winds extend outward from the center up to 180 miles to the north and up to 120 miles to the south.

NEXT ADVISORY

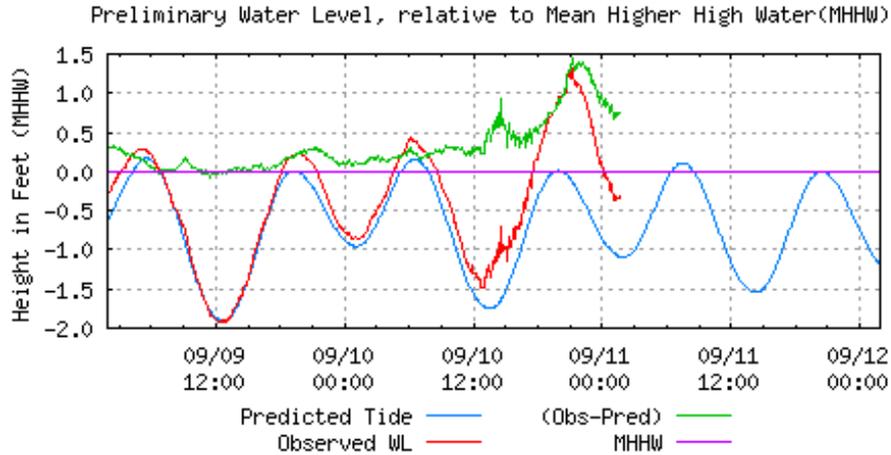
An intermediate advisory will be issued by the National Weather Service at 500 AM followed by the next scheduled advisory at 800 AM.

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



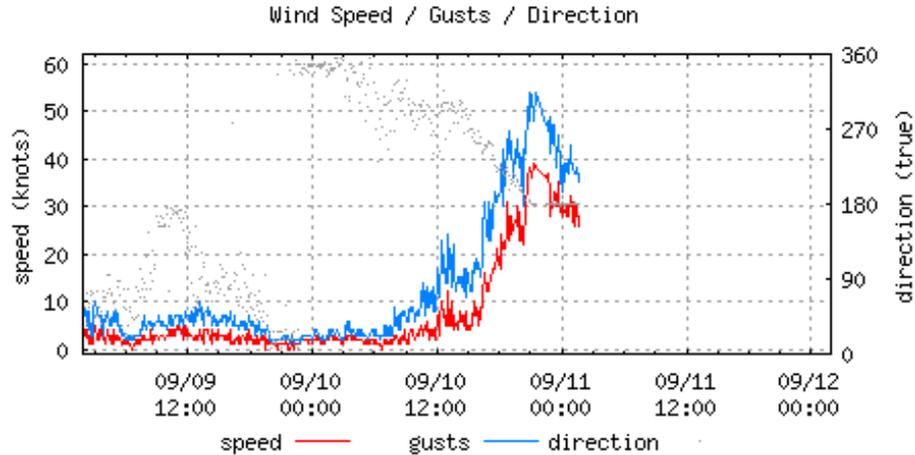
Last Observed Sample: 09/11/2018 01:42 (ChST). Data relative to MHHW

Observed: -0.35 ft. Predicted: -1.09 ft. Residual: 0.74 ft.

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

Next High Tide: 09/11/2018 07:30 (ChST), 0.11 ft.

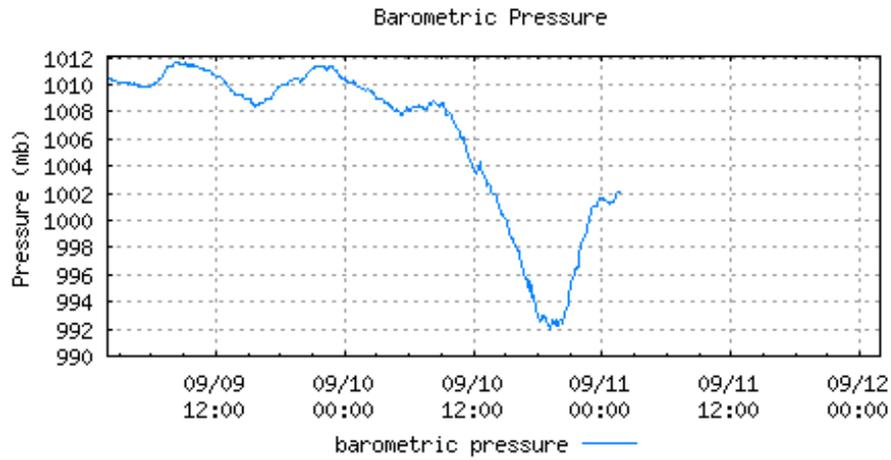
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 09/11/2018 01:42 (ChST)

Wind Speed: 28 knots Gusts: 37 knots Direction: 179° T

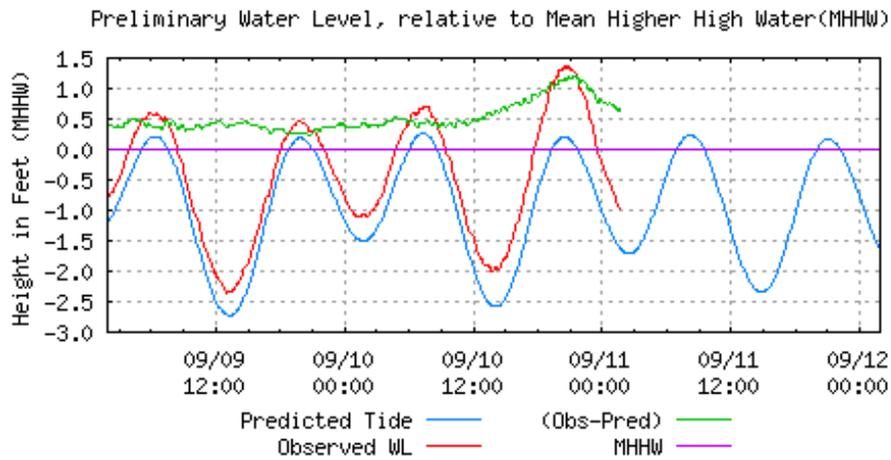
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 09/11/2018 01:42 (ChST)

Barometric Pressure: 1002.1 mb

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



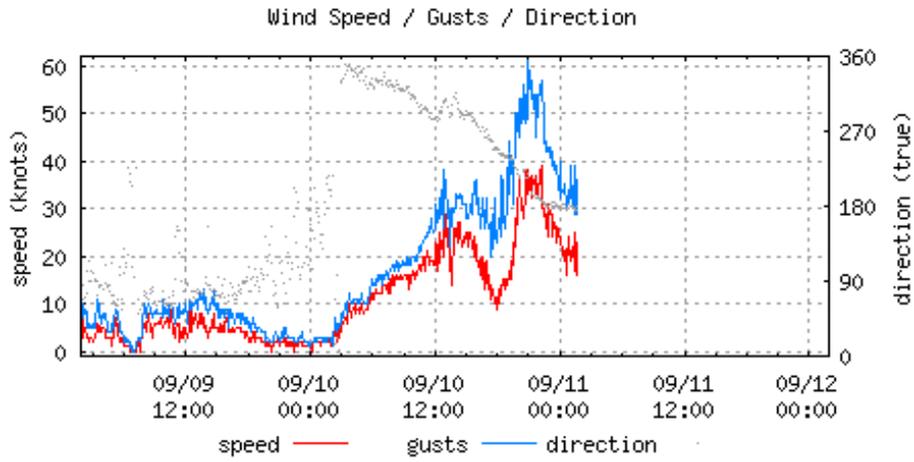
Last Observed Sample: 09/11/2018 01:42 (ChST). Data relative to MHHW

Observed: -0.97 ft. Predicted: -1.63 ft. Residual: 0.66 ft.

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

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

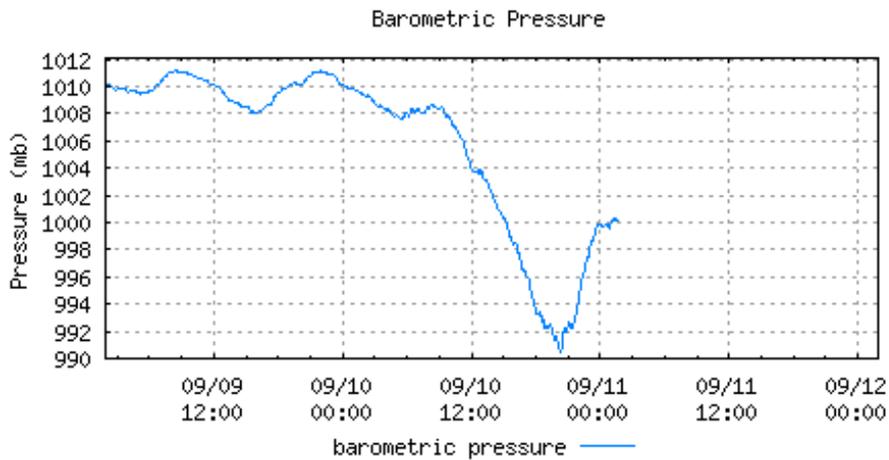
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 09/11/2018 01:42 (ChST)

Wind Speed: 16 knots Gusts: 29 knots Direction: 175° T

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



Last Observed Sample: 09/11/2018 01:42 (ChST)

Barometric Pressure: 1000.2 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 01:42 (ChST)	-0.35 ft	-1.09 ft	0.74 ft	1.31 ft
1630000	Apra Harbor, Guam	09/11/2018 01:42 (ChST)	-0.97 ft	-1.63 ft	0.66 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