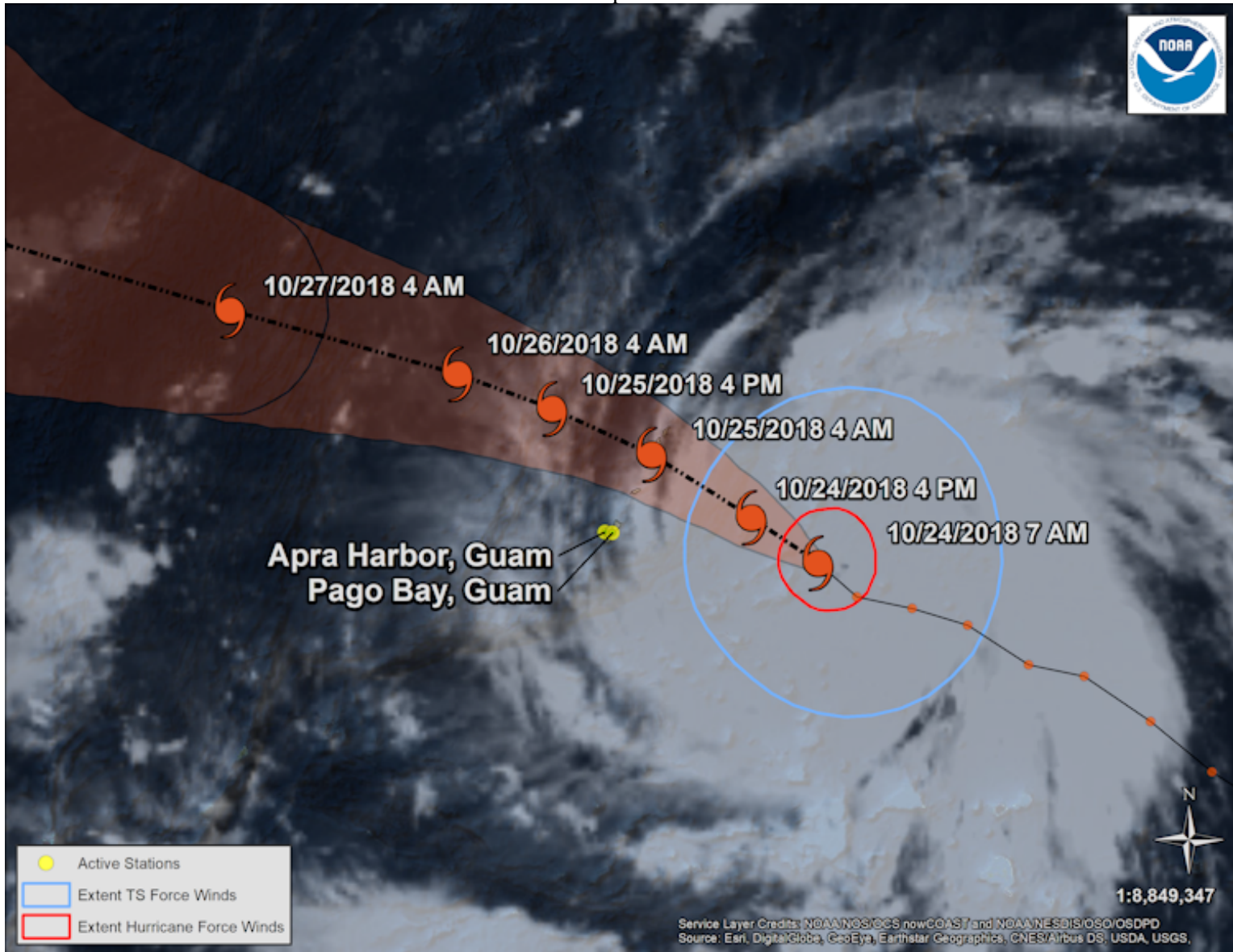




Typhoon Yutu QuickLook  
Posted: 09:00 ChST 10/24/2018

### NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 10/24/2018 08:00 ChST, the water level in Pago Bay is rising and around 1.0 ft above normal tide levels while winds remain light. Apra Harbor has a water level near normal tide levels but winds have increased to 20 kts with gusts to 25 knots. Barometric pressure continues to gradually 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 visit 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 visit the Storm QuickLook Homepage.

Analyst: LAH

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Select National Weather Service Guam Advisory Information: BULLETIN  
Typhoon Yutu (31W) Advisory Number 10  
National Weather Service Tiyan  
701 AM ChST Wed Oct 24 2018

...TYPHOON YUTU STILL INTENSIFYING EAST OF THE MARIANAS...

#### CHANGES WITH THIS ADVISORY

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None.

#### WATCHES AND WARNINGS

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Typhoon warnings remain in effect for Rota, Tinian and Saipan.

A Tropical Storm Warning remains in effect for Guam, Alamagan, Pagan, and Agrihan.

Typhoon conditions are expected late this evening through late Thursday morning at Rota, Tinian and Saipan.

Tropical storm conditions are expected for Guam late this afternoon through Thursday evening.

Tropical storm conditions are expected at Alamagan, Pagan, and Agrihan around midnight tonight through late Thursday evening.

#### SUMMARY OF 700 AM ChST...2100 UTC...INFORMATION

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Location...12.9N 148.5E

About 235 miles east-southeast of Rota  
About 240 miles southeast of Tinian  
About 240 miles southeast of Saipan  
About 250 miles east of Guam  
About 370 miles south-southeast of Alamagan  
About 405 miles south-southeast of Pagan  
About 445 miles south-southeast of Agrihan

Maximum sustained winds...125 mph  
Present movement...WNW...295 degrees at 10 mph

#### DISCUSSION AND OUTLOOK

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At 700 AM ChST...2100 UTC...the center of Typhoon Yutu was located near Latitude 12.9 degrees North and Longitude 148.5 degrees East. Yutu is moving west-northwest at 10 mph and is expected to continue this motion through Friday. The current track is slightly farther north and brings Yutu just south of Tinian early Thursday morning.

Maximum sustained winds have increased to 125 mph. Yutu is expected to continue intensifying through at least Friday and is forecast to pass near Tinian as a strong category 4 typhoon.

Typhoon force winds extend outward from the center up to 75 miles to the east and up to 50 miles to the west. Tropical storm force winds extend outward from the center up to 235 miles to the east and up to 175 miles to the west.

#### NEXT ADVISORY

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An intermediate advisory will be issued by the National Weather Service at 1100 AM followed by the next scheduled advisory this afternoon at 200 PM ChST.

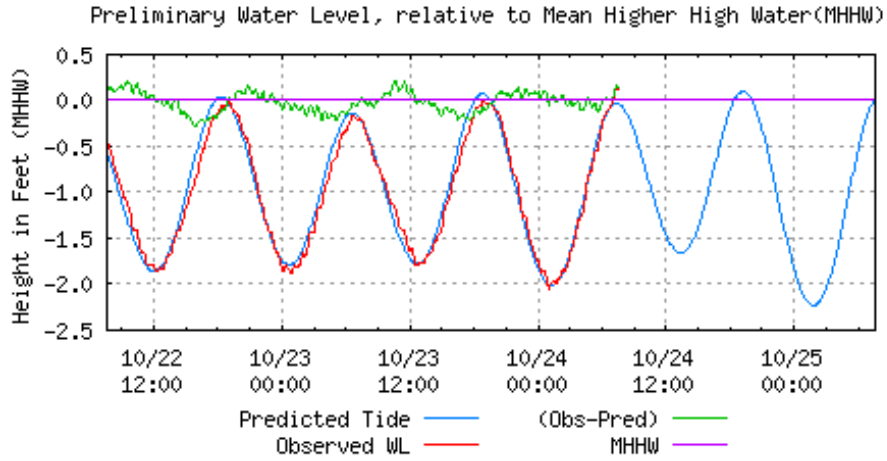
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W. Aydlett

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.

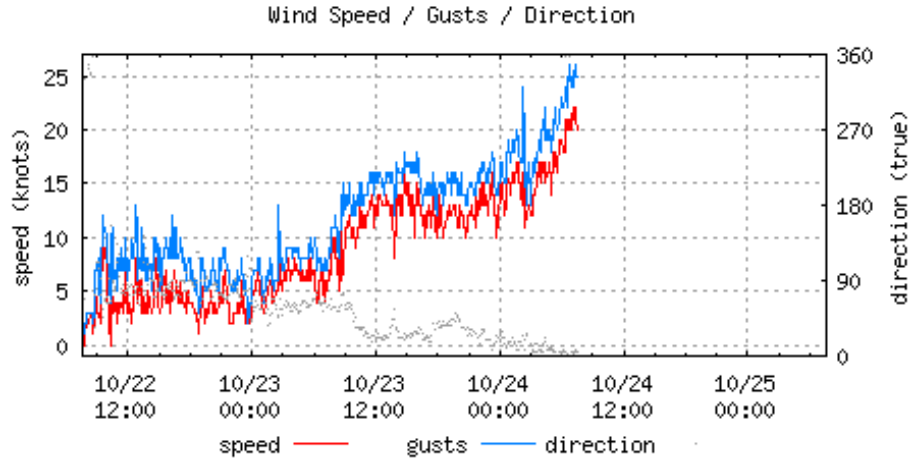
Jump to: [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#), [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#)

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



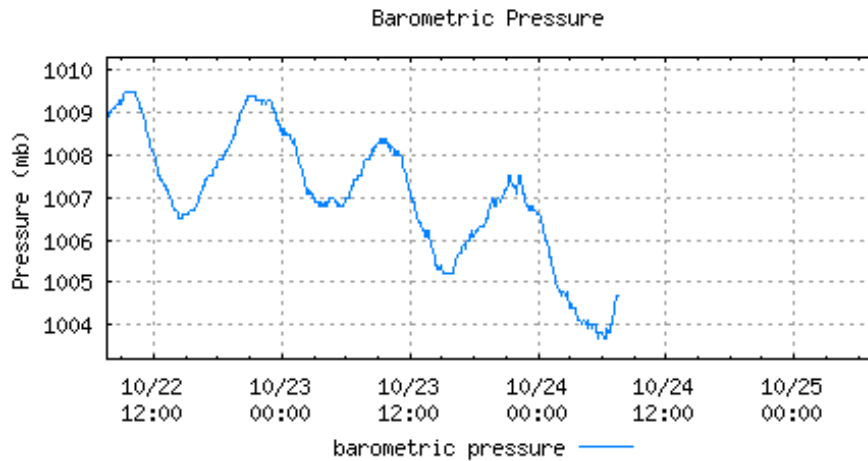
Last Observed Sample: 10/24/2018 07:30 (ChST). Data relative to MHHW  
**Observed: 0.11 ft. Predicted: -0.04 ft. Residual: 0.15 ft.**  
 Historical Maximum Water Level: Aug 28 1992, 1.95 ft.  
 Next High Tide: 10/24/2018 19:14 (ChST), 0.10 ft.

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



Last Observed Sample: 10/24/2018 07:30 (ChST)  
**Wind Speed: 20 knots Gusts: 25 knots Direction: 6° T**

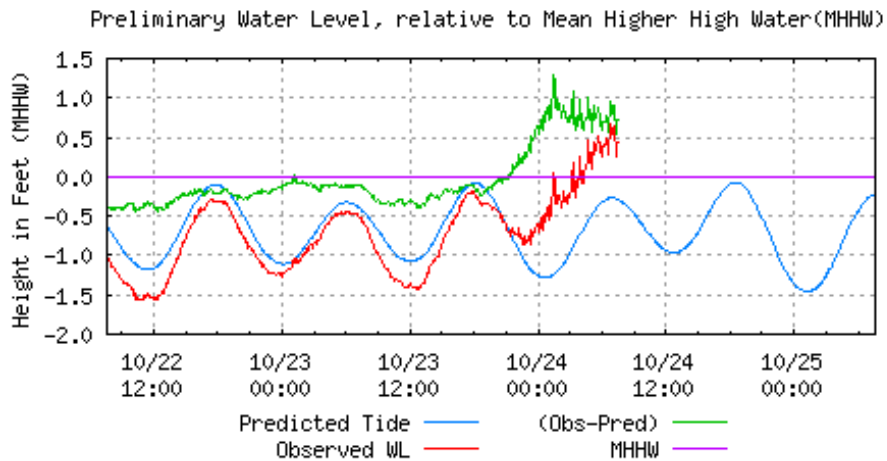
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 10/24/2018 07:30 (ChST)

Barometric Pressure: 1004.7 mb

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



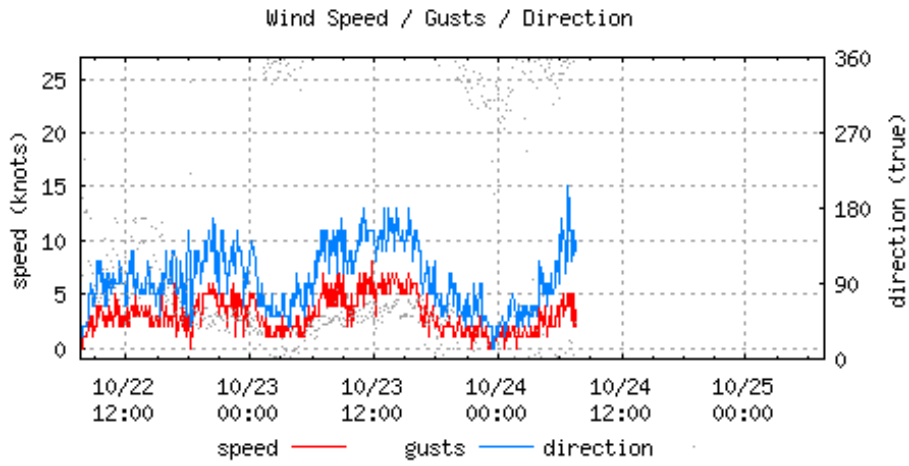
Last Observed Sample: 10/24/2018 07:30 (ChST). Data relative to MHHW

Observed: 0.43 ft. Predicted: -0.29 ft. Residual: 0.72 ft.

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

Next High Tide: 10/24/2018 18:31 (ChST), -0.07 ft.

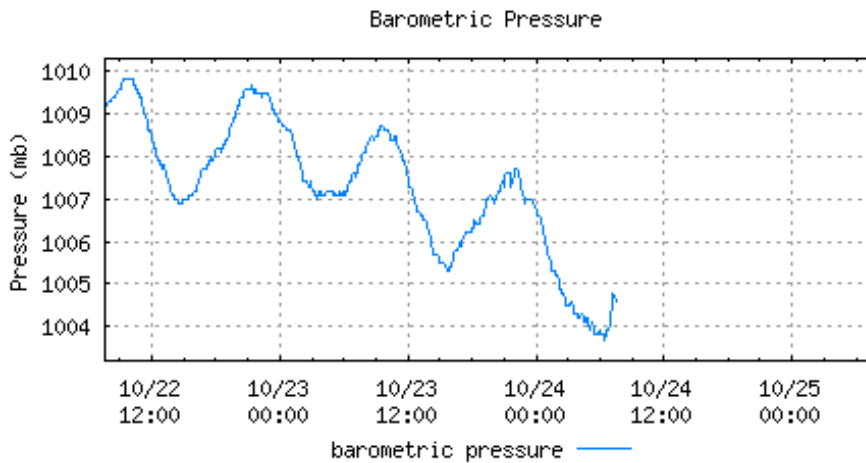
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 10/24/2018 07:30 (ChST)

Wind Speed: 2 knots Gusts: 9 knots Direction: 44° T

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



Last Observed Sample: 10/24/2018 07:30 (ChST)

Barometric Pressure: 1004.6 mb

Latest Water Level Observations on MHHW

<b>Station ID</b>	<b>Station Name</b>	<b>Date/Time</b>	<b>Observed Water Level</b>	<b>Predicted Tide</b>	<b>Residual Water Level</b>	<b>24 Hour Maximum Storm Tide</b>
1630000	Apra Harbor, Guam	10/24/2018 07:30 (ChST)	0.11 ft	-0.04 ft	0.15 ft	0.13 ft
1631428	Pago Bay, Guam	10/24/2018 07:30 (ChST)	0.43 ft	-0.29 ft	0.72 ft	0.68 ft

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