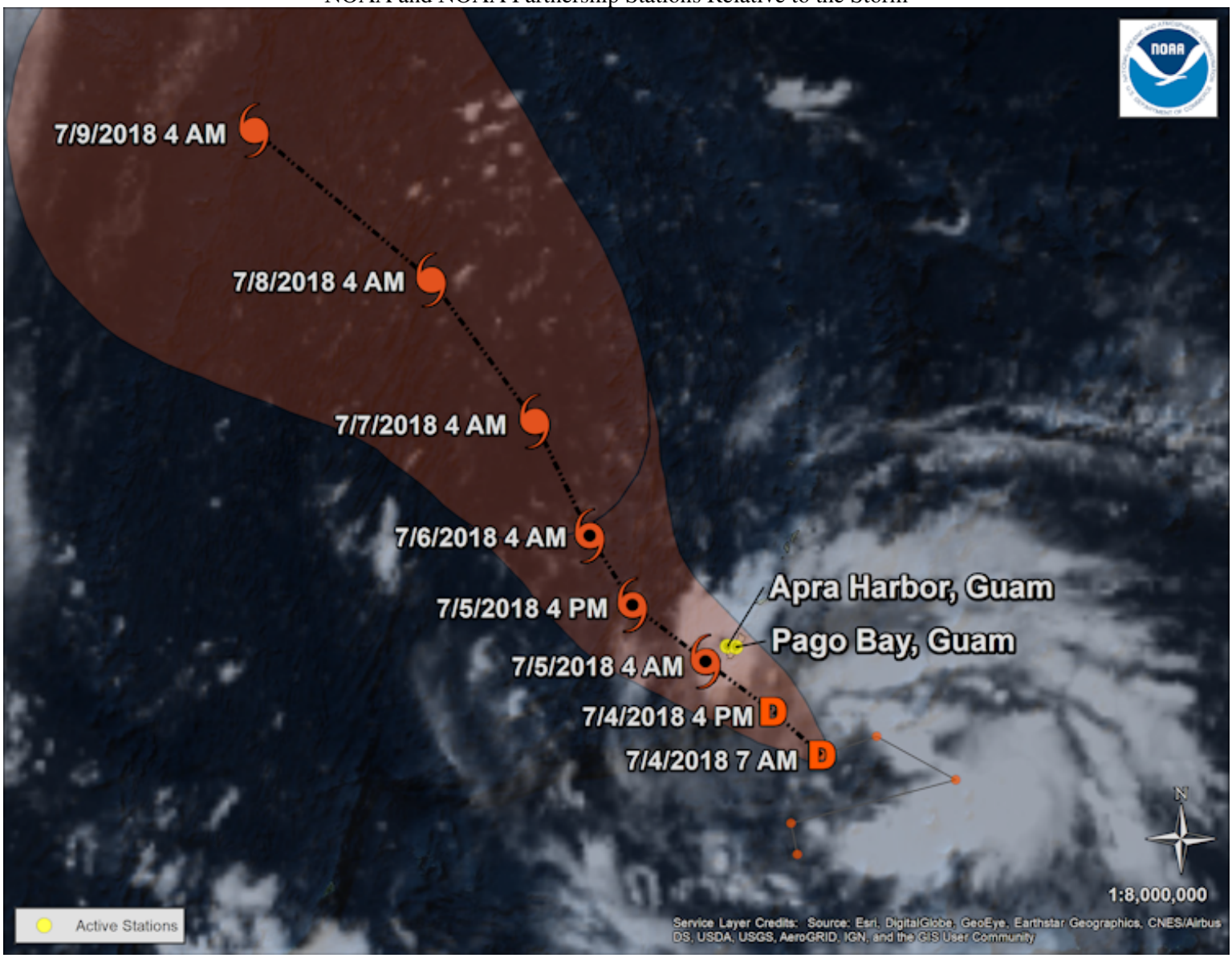
Tropical Depression 10W QuickLook
Posted: 08:00 ChST 07/04/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 7/4/2018 08:00 ChST, water levels in Guam are slightly elevated between 0.3 and 0.5 ft above normal tide levels. Wind speeds are between 3 and 5 knots with gusts upto 10 knots. Barometric pressure remains steady but low 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: RCL

Select National Weather Service Guam Advisory Information:

TROPICAL DEPRESSION 10W Advisory Number 5
National Weather Service Tiyan GU WP102018
724 AM ChST Wed Jul 4 2018

...TROPICAL DEPRESSION 10W CONTINUES TO APPROACH THE MARIANAS...

Changes with this advisory

A tropical storm warning is now in effect for Rota.

Watches and warnings

A tropical storm warning is now in effect for Rota. Tropical storm conditions, including damaging winds of 39 mph or more, are expected within 24 hours.

A tropical storm warning remains in effect for Guam. Tropical storm conditions, including damaging winds of 39 mph or more, are expected tonight.

A tropical storm watch remains in effect for Tinian and Saipan. Tropical storm conditions, including damaging winds of 39 mph or more, are possible within 24 to 36 hours.

Summary of 700 AM CHST...2100 UTC...Information

Location...11.7N 146.2E

About 155 miles southeast of Guam
About 180 miles south-southeast of Rota
About 230 miles south of Tinian
About 240 miles south of Saipan
About 490 miles south of Agrihan

Maximum sustained winds...30 mph
Present movement...west...280 degrees at 12 mph

Discussion and outlook

At 700 AM CHST...2100 UTC...the center of Tropical Depression 10W was located near Latitude 11.7 North and Longitude 146.2 East. Tropical Depression 10W is moving toward the west at 12 mph. It is expected to make a turn toward the northwest with a decrease in forward speed over the next 24 hours.

Maximum sustained winds remain at 30 mph. Tropical Depression 10W is forecast to intensify over the next few days, possibly becoming a tropical storm late this evening.

Next advisory

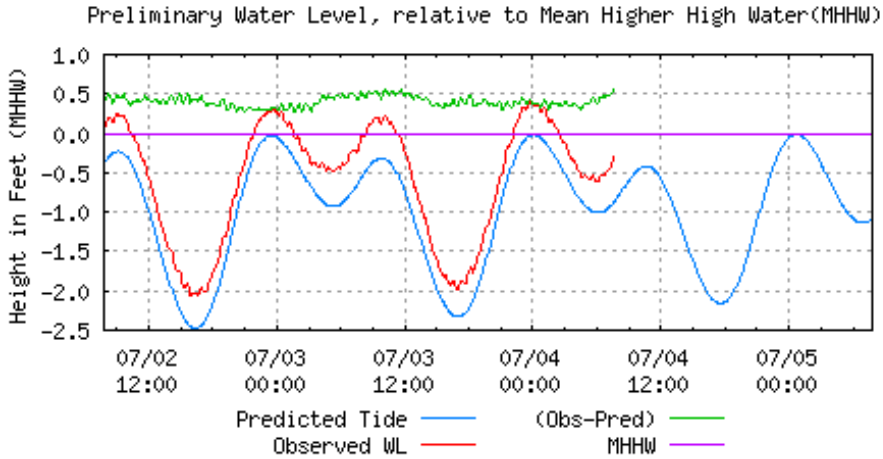
An intermediate advisory will be issued by the National Weather Service at 1100 AM this morning followed by the next scheduled advisory at 200 PM this afternoon.

Kleeschulte

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



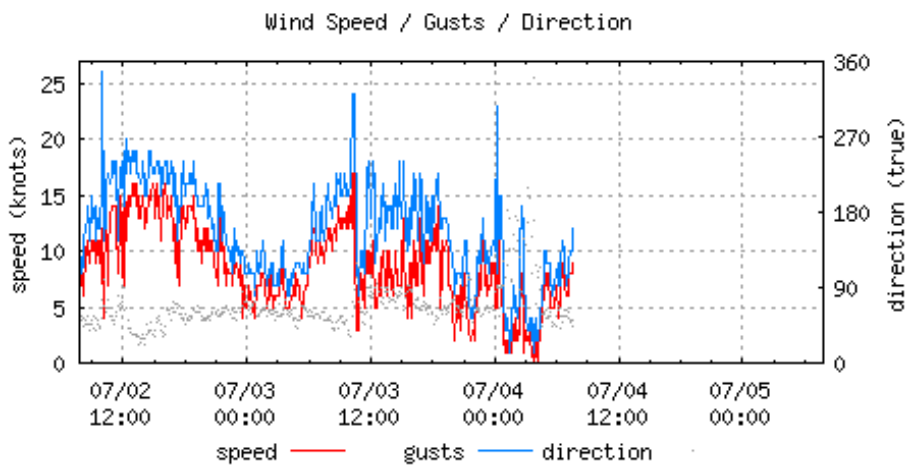
Last Observed Sample: 07/04/2018 07:36 (ChST). Data relative to MHHW

Observed: -0.30 ft. Predicted: -0.87 ft. Residual: 0.57 ft.

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

Next High Tide: 07/04/2018 10:37 (ChST), -0.42 ft.

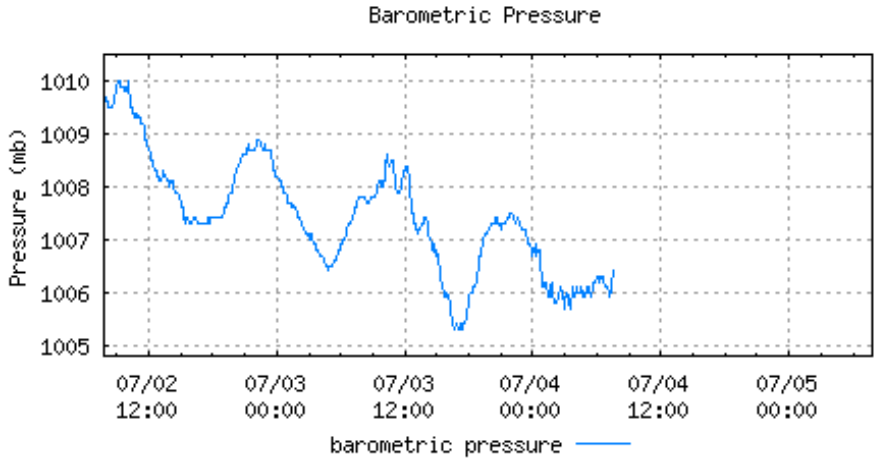
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 07/04/2018 07:36 (ChST)

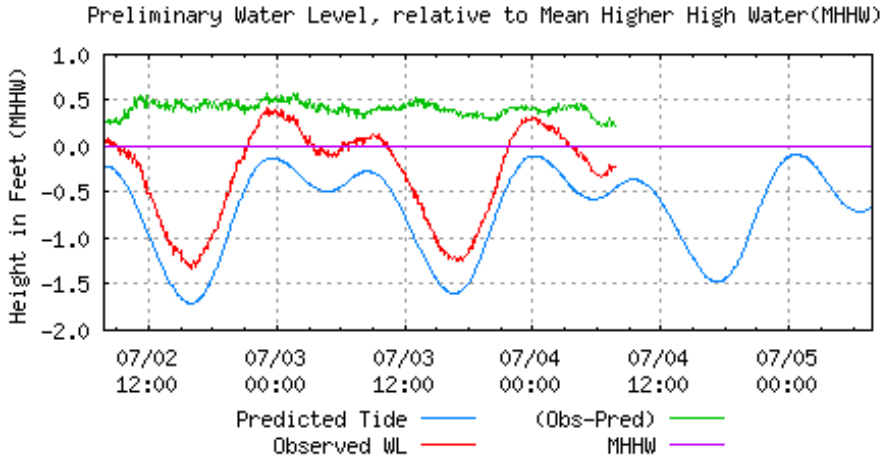
Wind Speed: 9 knots Gusts: 12 knots Direction: 44° T

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



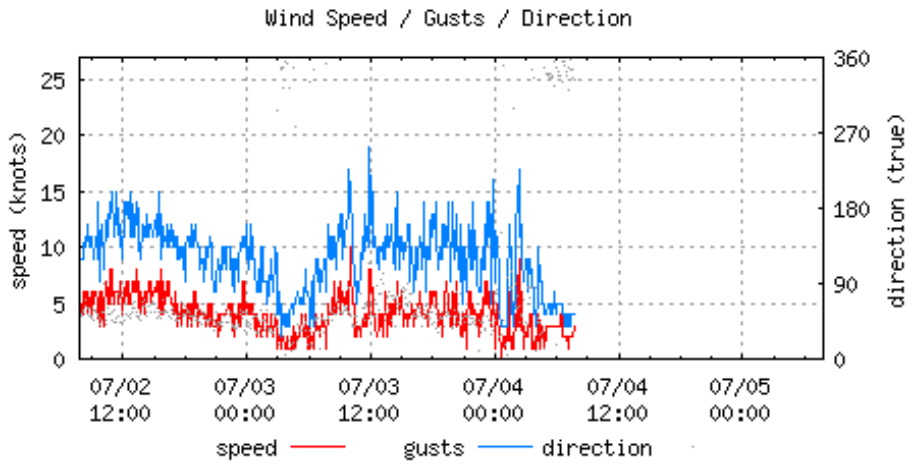
Last Observed Sample: 07/04/2018 07:36 (ChST)
Barometric Pressure: 1006.4 mb

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



Last Observed Sample: 07/04/2018 07:42 (ChST). Data relative to MHHW
Observed: -0.23 ft. Predicted: -0.45 ft. Residual: 0.22 ft.
Historical Maximum Water Level: Oct 20 2004, 2.40 ft.
Next High Tide: 07/04/2018 09:24 (ChST), -0.36 ft.

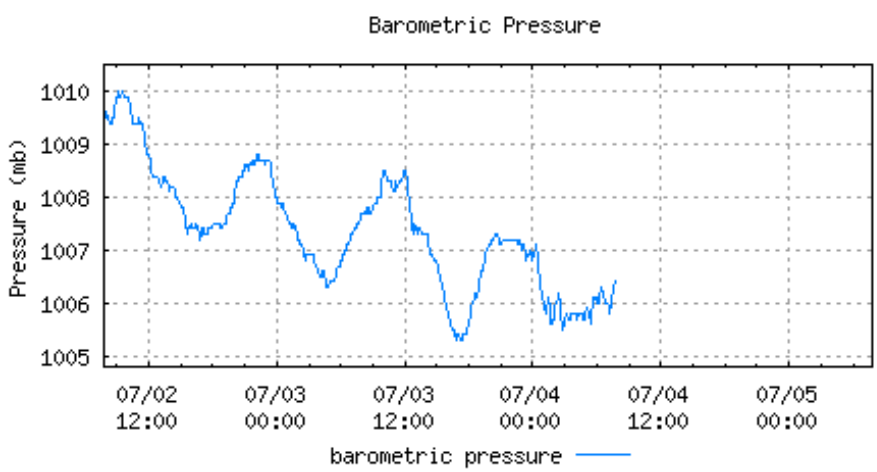
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 07/04/2018 07:42 (ChST)

Wind Speed: 3 knots Gusts: 4 knots Direction: 333° T

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



Last Observed Sample: 07/04/2018 07:42 (ChST)

Barometric Pressure: 1006.4 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
1630000	Apra Harbor, Guam	07/04/2018 07:36 (ChST)	-0.30 ft	-0.87 ft	0.57 ft	0.39 ft
1631428	Pago Bay, Guam	07/04/2018 07:42 (ChST)	-0.23 ft	-0.45 ft	0.22 ft	0.32 ft

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