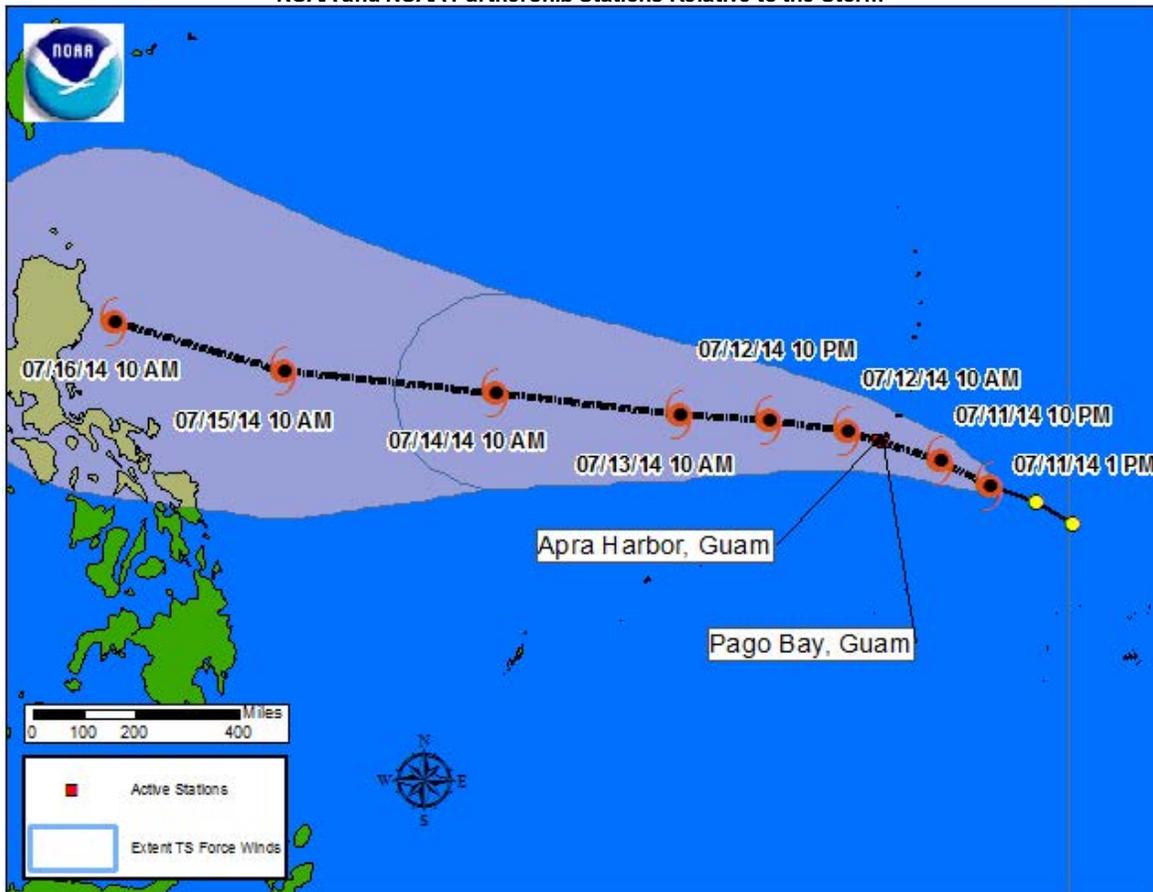


Tropical Storm NINE W QuickLook

Posted: 15:00 ChST 07/11/2014

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/11/2014 15:00 ChST, water levels in Apra Harbor and Pago Bay are elevated 0.6 to 0.8 ft above predicted tide levels. Winds are increasing, with observed speeds between 6 and 8 knots. Wind gusts up to 10 knots have been observed at Pago Bay. Barometric pressure is steady across the island.

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 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: TKM

SELECT [WFO GUAM](#) ADVISORY INFORMATION:

TROPICAL STORM 09W ADVISORY NUMBER 3

200 PM CHST FRI JUL 11 2014

...TROPICAL DEPRESSION 09W BECOMES A TROPICAL STORM SOUTHEAST OF GUAM...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR GUAM AND ROTA. TROPICAL STORM CONDITIONS INCLUDING DAMAGING WINDS OF 39 MPH OR MORE ARE POSSIBLE WITHIN THE NEXT 24 HOURS.

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 THE NEXT 48 HOURS.

DISCUSSION AND OUTLOOK

AT 0100 PM CHST...0300 UTC...THE CENTER OF TROPICAL STORM 09W WAS LOCATED BY SATELLITE NEAR LATITUDE 12.2 NORTH...LONGITUDE 147.8 EAST.

TROPICAL STORM 09W IS MOVING WEST-NORTHWEST AT 15 MPH. THIS GENERAL MOTION WITH A SLIGHT DECREASE IN FORWARD SPEED IS EXPECTED THROUGH SATURDAY. THE CURRENT FORECAST TRACK BRINGS THE CENTER OF TROPICAL STORM 09W OVER GUAM AROUND SUNRISE ON SATURDAY.

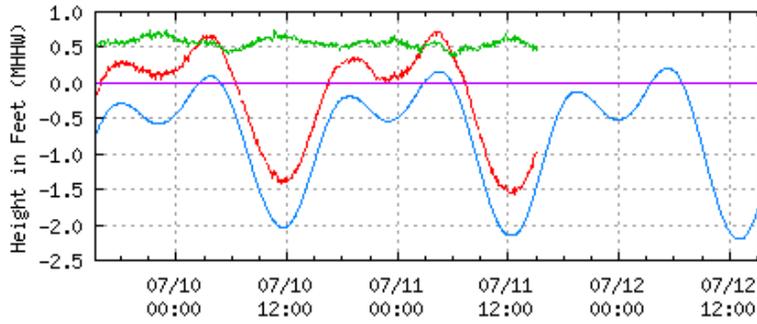
MAXIMUM SUSTAINED WINDS HAVE INCREASED TO 40 MPH. TROPICAL STORM 09W IS EXPECTED TO INTENSIFY THROUGH THE WEEKEND.

ZIOBRO

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](#),
[Apra Harbor, Guam - Air/Water Temp](#)

NOAA/NOS/CO-OPS [1631428 Pago Bay, Guam](#)
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

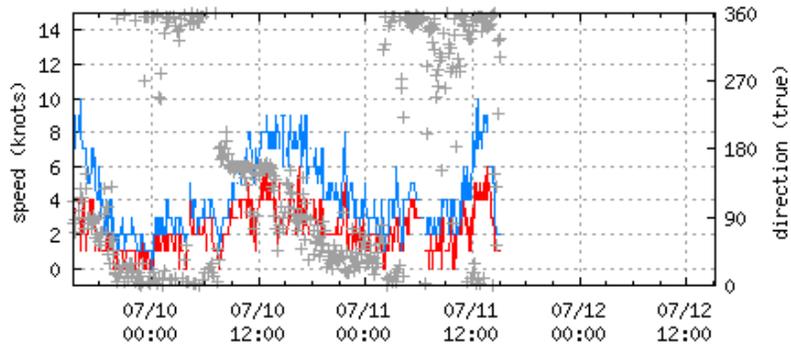
Last Observed Sample: 07/11/2014 15:30 (ChST). Data relative to [MHHW](#)

Observed: -0.78 ft. Predicted: -1.25 ft. Residual: 0.47 ft.

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

Next High Tide: 07/11/2014 19:27 (ChST), -0.12 ft.

NOAA/NOS/CO-OPS [1631428 Pago Bay, Guam](#)
Wind Speed / Gusts / Direction

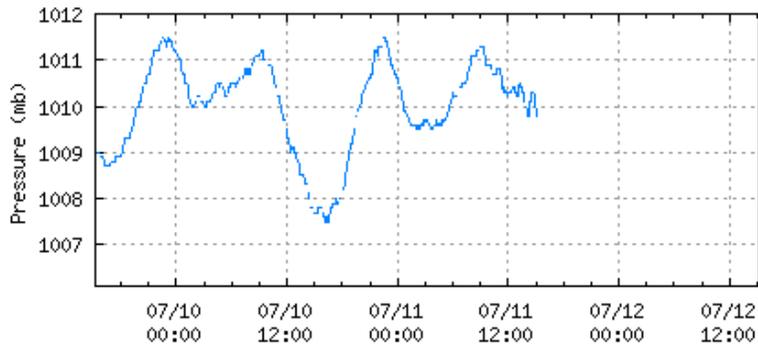


speed ——— gusts ——— direction +

Last Observed Sample: 07/11/2014 15:30 (ChST)

Wind Speed: 1 knots Gusts: 4 knots Direction: 335° T

NOAA/NOS/CO-OPS [1631428 Pago Bay, Guam](#)
Barometric Pressure

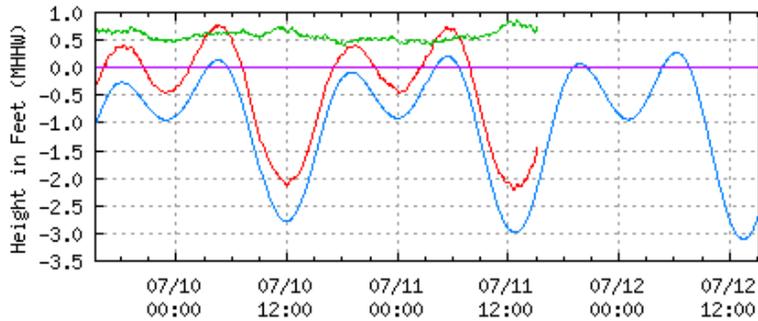


barometric pressure —

Last Observed Sample: 07/11/2014 15:30 (ChST)

Barometric Pressure: 1009.7 mb

NOAA/NOS/CO-OPS [1630000 Apra Harbor, Guam](#)
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

(Obs-Pred) —
MHHW —

Last Observed Sample: 07/11/2014 15:30 (ChST). Data relative to [MHHW](#)

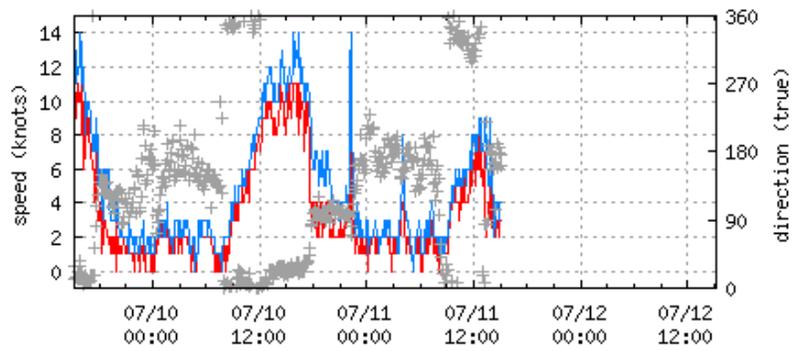
Observed: -1.18 ft. Predicted: -1.94 ft. Residual: 0.76 ft.

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

Next High Tide: 07/11/2014 19:47 (ChST), 0.07 ft.

NOAA/NOS/CO-OPS [1630000 Apra Harbor, Guam](#)

Wind Speed / Gusts / Direction



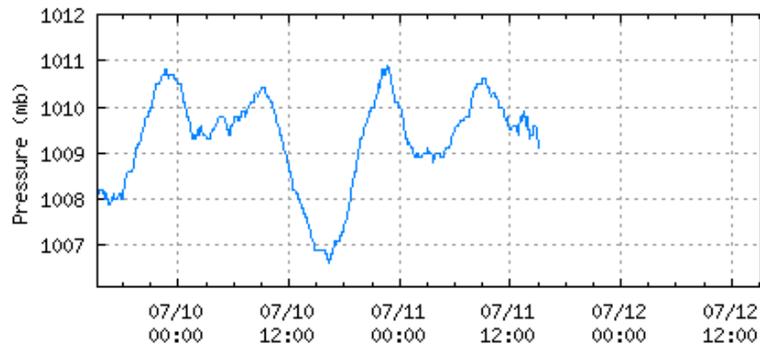
speed — gusts — direction +

Last Observed Sample: 07/11/2014 15:30 (ChST)

Wind Speed: 1 knots Gusts: 2 knots Direction: 100° T

NOAA/NOS/CO-OPS [1630000 Apra Harbor, Guam](#)

Barometric Pressure

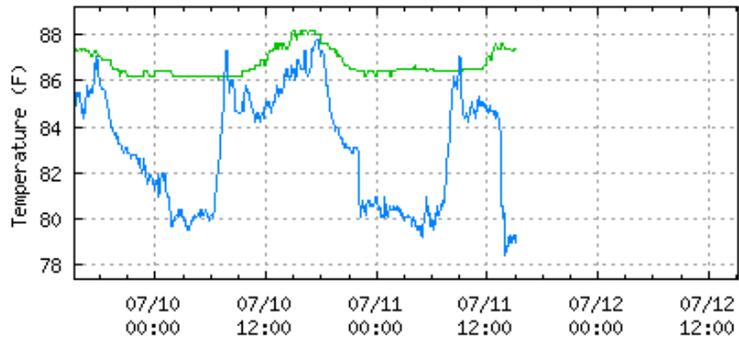


barometric pressure —

Last Observed Sample: 07/11/2014 15:30 (ChST)

Barometric Pressure: 1009.0 mb

NOAA/NOS/CO-OPS [1630000 Apra Harbor, Guam](#)
Air / Water Temperature



water temp. — air temp —
Last Observed Sample: 07/11/2014 15:30 (ChST)
Water Temperature: 87.3° F Air Temperature: 79.2° F

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	07/11/2014 15:30 (ChST)	-0.78 ft	-1.25 ft	0.47 ft	0.73 ft
1630000	Apra Harbor, Guam	07/11/2014 15:30 (ChST)	-1.18 ft	-1.94 ft	0.76 ft	0.73 ft

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