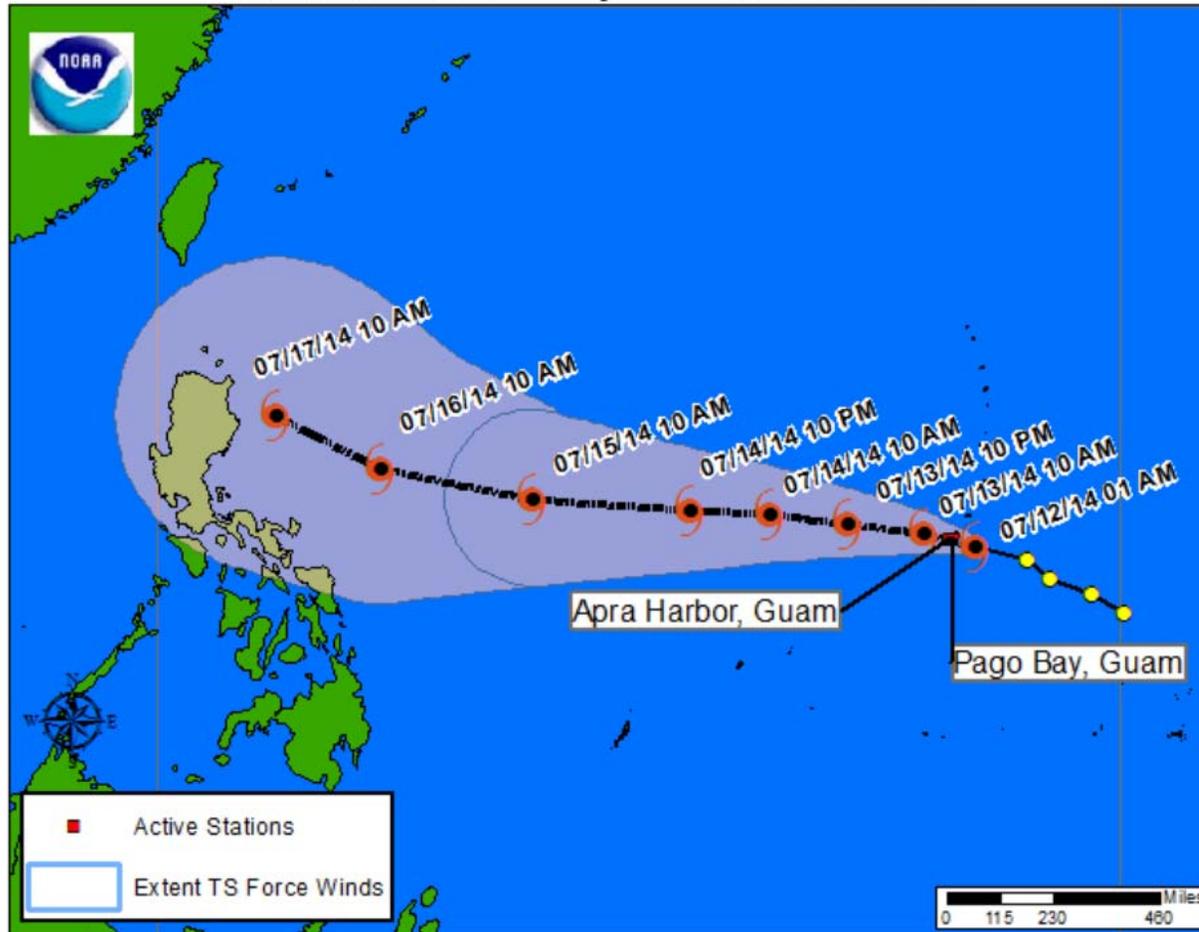


Tropical Storm NINE W QuickLook, POSTED 02:30 ChST 07/12/2014



Tropical Storm NINE W QuickLook
Posted: 02:30 ChST 07/12/2014

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/12/2014 02:30 ChST, water levels in Apra Harbor and Pago Bay are elevated between 0.5 ft - 0.7 ft above predicted tide levels. Winds are slightly increasing. Wind gusts up to 11 knots have been observed at Apra Harbor. 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)

Tropical Storm NINE W QuickLook, POSTED 02:30 ChST 07/12/2014

TROPICAL STORM C9W ADVISORY NUMBER 5
200 AM CHST SAT JUL 12 2014

TROPICAL STORM 09W STILL A MINIMAL TROPICAL STORM .

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 EXPECTED 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 24 HOURS.

DISCUSSION AND OUTLOOK

AT 100 AM CHST . THE CENTER OF TROPICAL STORM 09W WAS
LOCATED BY SATELLITE NEAR LATITUDE 13 2 NORTH . LONGITUDE 145 5 EAST.

TROPICAL STORM C9W IS MOVING WEST-NORTHWEST AT 17 MPH. TROPICAL
STORM C9W IS EXPECTED TO MOVE ALMOST DUE WEST TODAY THROUGH SUNDAY
WITH A DECREASE IN FORWARD SPEED . AND SHOULD PASS VERY CLOSE TO
GUAM THIS MORNING

MAXIMUM SUSTAINED WINDS REMAIN AT 40 MPH . BUT INTENSIFICATION IS
EXPECTED TO RESUME TODAY AND CONTINUE THROUGH SUNDAY.

MIDDLEBROOKE

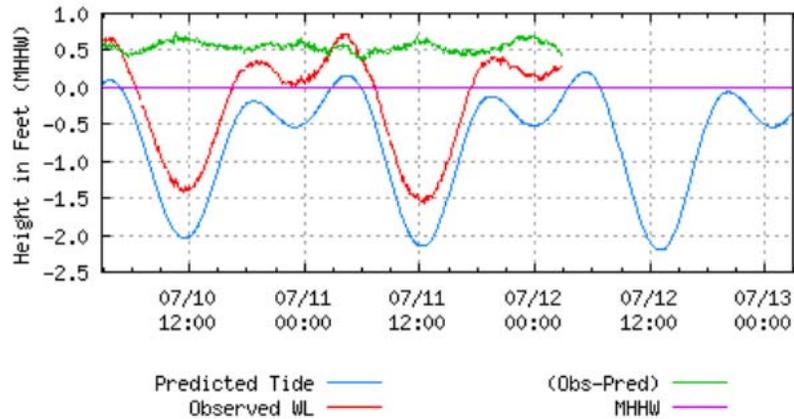
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

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](#)

Tropical Storm NINE W QuickLook, POSTED 02:30 ChST 07/12/2014

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

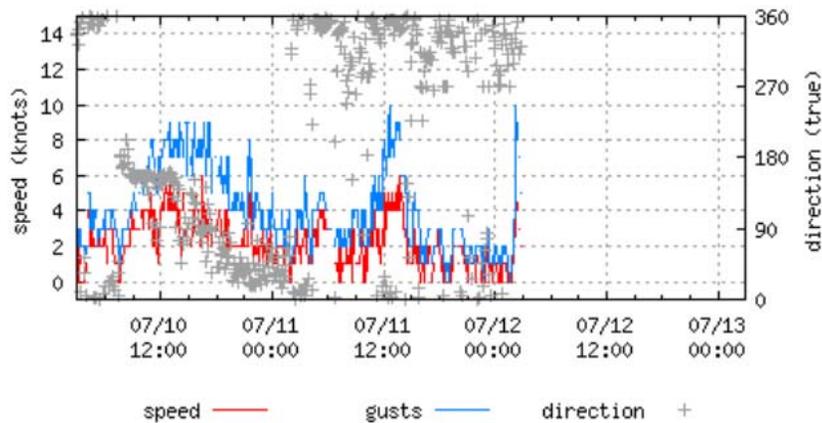
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 07/12/2014 02:48 (ChST). Data relative to MHHW
Observed: 0.28 ft. Predicted: -0.15 ft. Residual: 0.43 ft.
Historical Maximum Water Level: Oct 20 2004, 2.40 ft.
Next High Tide: 07/12/2014 05:19 (ChST), 0.21 ft.

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

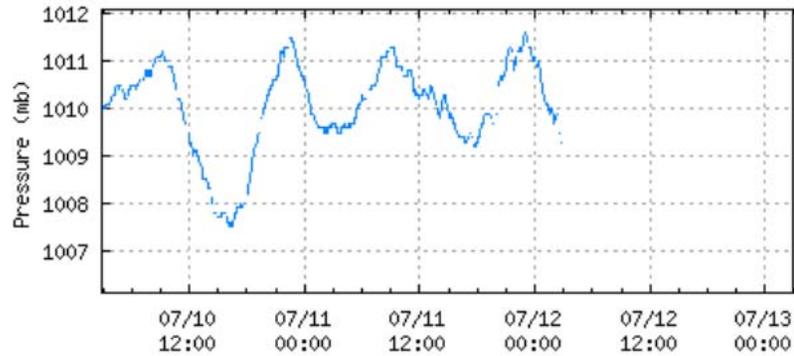
Wind Speed / Gusts / Direction



Last Observed Sample: 07/12/2014 02:48 (ChST)
Wind Speed: 2 knots Gusts: 5 knots Direction: 322° T

Tropical Storm NINE W QuickLook, POSTED 02:30 ChST 07/12/2014

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

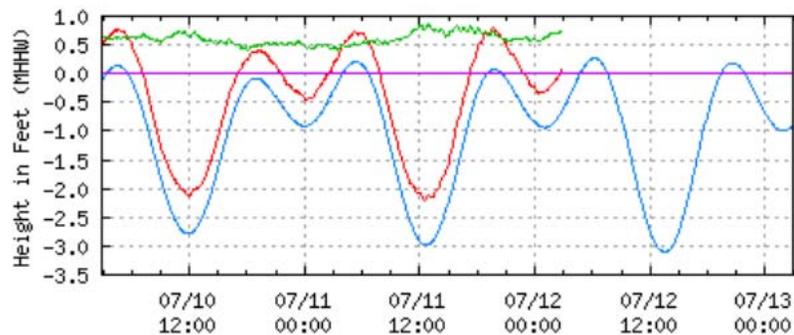


barometric pressure —

Last Observed Sample: 07/12/2014 02:48 (ChST)

Barometric Pressure: 1009.3 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: 07/12/2014 02:48 (ChST). Data relative to MHHW

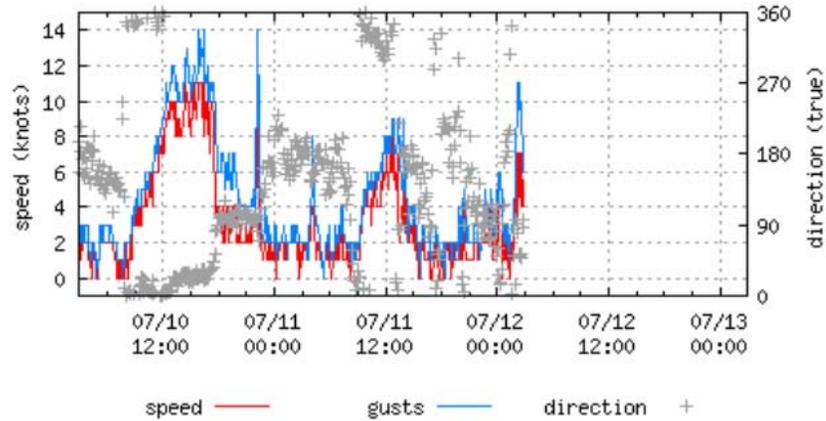
Observed: 0.08 ft. Predicted: -0.66 ft. Residual: 0.74 ft.

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

Next High Tide: 07/12/2014 06:15 (ChST), 0.27 ft.

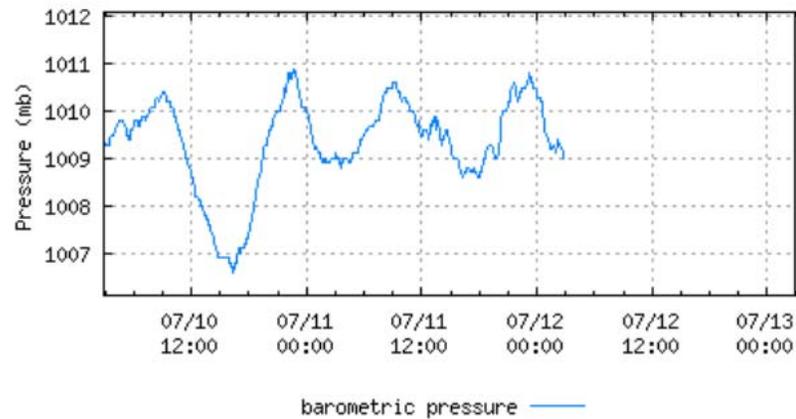
Tropical Storm NINE W QuickLook, POSTED 02:30 ChST 07/12/2014

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Wind Speed / Gusts / Direction



Last Observed Sample: 07/12/2014 02:48 (ChST)
Wind Speed: 4 knots Gusts: 6 knots Direction: 97° T

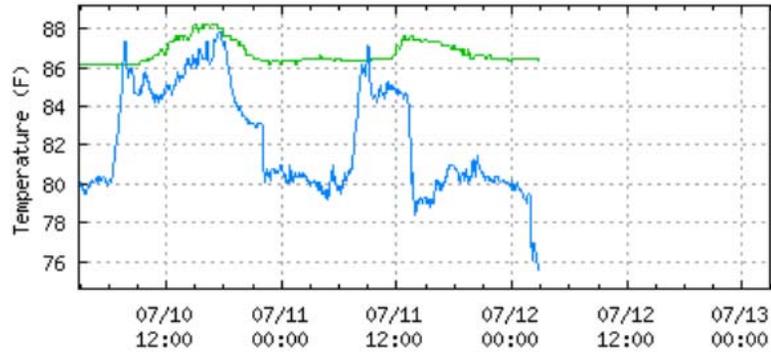
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Barometric Pressure



Last Observed Sample: 07/12/2014 02:48 (ChST)
Barometric Pressure: 1009.0 mb

Tropical Storm NINE W QuickLook, POSTED 02:30 ChST 07/12/2014

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Air / Water Temperature



water temp. — air temp —

Last Observed Sample: 07/12/2014 02:48 (ChST)

Water Temperature: 86.4° F Air Temperature: 75.6° F

Tropical Storm NINE W QuickLook, POSTED 02:30 ChST 07/12/2014

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	07/12/2014 02:48 (ChST)	0.28 ft	-0.15 ft	0.43 ft	0.73 ft
1630000	Apra Harbor, Guam	07/12/2014 02:48 (ChST)	0.08 ft	-0.66 ft	0.74 ft	0.81 ft

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