NOAA and NOAA Partnership Stations Relative to the Storm

Storm Analysis

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) (or JOINT TYPHOON WARNING CENTER (JTWC)) issues a new Tropical Storm Warning for the U.S. (or U.S. Territories) Coastline.

As of 14:00 CHST, water levels at Guam are slightly elevated above predictions and appear to be returning to normal levels. Water levels at Apra Harbor and Pago Bay are currently between 0.4 and 0.7 feet above predictions. Winds are currently 5 knots or less. While barometric pressure is becoming stable and slightly rising.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Guam (Apra Harbor) : Next predicted high tide is 2.18 ft (0.65 m) at 09/30/2009 17:54 CHST.

Pago Bay, Guam: Next predicted high tide is 1.59 ft (0.48 m) at 09/30/2009 17:33 CHST

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: LB

http://tidesandcurrents.noaa.gov/quicklook/data/EIGHTEEN%20W-print.html
For more detailed information, see JOINT TYPHOON WARNING CENTER ADVISORY INFORMATION.

SELECT NATIONAL WEATHER SERVICE FORECAST OFFICE, TIYAN GUAM ADVISORY INFORMATION:

TROPICAL STORM 18W ADVISORY NUMBER 12

NATIONAL WEATHER SERVICE TIYAN GU WM102009

200 PM CHST WED SEP 30 2009

CENTER OF TROPICAL STORM 18W WEAKENING IN THE ROTA CHANNEL.

A TROPICAL STORM WARNING HAS BEEN CANCELLED FOR GUAM AND ROTA.

AT 100 PM CHST 0300Z THE CENTER OF TROPICAL STORM 18W WAS LOCATED BY RADAR NEAR LATITUDE 13.8 DEGREES NORTH AND LONGITUDE 145.1 DEGREES EAST. THIS IS ABOUT 25 MILES SOUTH OF ROTA AND 35 MILES NORTHEAST OF HAGATNA GUAM.

TROPICAL STORM 18W IS MOVING NORTHWEST AT 22 MPH. LITTLE CHANGE IN MOTION IS EXPECTED DURING THE NEXT 12 HOURS. TROPICAL STORM 18W IS WEAKENING AS IT PASSES THROUGH THE ROTA CHANNEL BETWEEN GUAM AND ROTA. STRONGEST WINDS ARE FOUND PRIMARILY IN SHOWERS NORTH OF THE CENTER.

MAXIMUM SUSTAINED WINDS ARE 40 MPH. TROPICAL STORM 18W IS EXPECTED TO WEAKEN INTO A TROPICAL DEPRESSION DURING THE NEXT 6 TO 12 HOURS.

DEGREES EAST...MOVING NORTHWEST AT 22 MPH WITH MAXIMUM SUSTAINED WINDS OF 40 MPH.

THE NEXT SCHEDULED ADVISORY WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AT 8 PM CHST THIS EVENING.

WILLIAMS/EDSON

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.
Last Observed Sample: 09/30/2009 23:12 (GST)


Historical Maximum Water Level: 08/28/1992, 1.95 ft. above MHHW

Guam, PAC - Return to List

Wind Speed: 5 knots Gusts: 8 knots Direction: 137° T

Guam, PAC - Return to List

Barometric Pressure: 1009.6 mb

Guam, PAC - Return to List

http://tidesandcurrents.noaa.gov/quicklook/data/EIGHTEEN%20W-print.html
Last Observed Sample: 09/30/2009 23:12 (GST)
Water Temperature: 85.1° F  Air Temperature: 82.4° F

Pago Bay, Guam, PAC - Return to List

Last Observed Sample: 09/30/2009 23:18 (GST)
Relative to MLLW: Observed: 1.43 ft. Predicted: 1.03 ft. Residual: 0.40 ft.
Historical Maximum Water Level: n/a

Pago Bay, Guam, PAC - Return to List

Last Observed Sample: 09/30/2009 23:18 (GST)
Wind Speed: 4 knots  Gusts: 7 knots  Direction: 152° T

Pago Bay, Guam, PAC - Return to List