

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
October 2008

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE
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Service Hydrologist
DATE
11/18/2008

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

An X inside this box indicates that no flooding occurred within this hydrologic service area.

Summary: The San Juan ASOS reported 5.17 inches of rain for the month of October ... 0.11 inches more than the normal of 5.06 inches. The ASOS rainfall report at Truman Field in St. Thomas reported a record 9.10 inches of rain for the month of October ... 3.53 inches more than the normal of 5.57 inches.

The rainfall during the month of October was normal for the San Juan, Puerto Rico while the gage at St. Thomas, U.S. Virgin Islands reported record rainfall mostly as a result of the passage of Hurricane Omar during the middle of the month. *(See below for links to related graphics)*

Hurricane Omar...a Category 1 Hurricane on the Saffir Simpson Scale was forecast to strengthen to a Category 2 Hurricane as it moved through the U.S. Virgin Islands en route to the Northern Leeward Islands. This system was forecast to produce rainfall amount of 5 to 10 inches with localized higher amounts as it skirted Southeast of Puerto Rico and moved across the Virgin Islands. These rains were forecast to result in Flash Flooding, mud slides and Coastal Flooding.

The majority of the damage occurred on the island of St. Croix where there were reports of significant flooding both coastal and inland. Inland Flooding included urban, small stream and creek flooding as runoff overflowed the ravines and guts on the Island. Some less intensive flooding was also reported in St. Thomas and St. John. The other islands, Puerto Rico, Culebra and Vieques were spared the brunt of the Hurricane as it made its way on through to the Northern Leeward Islands.

The approximate amounts of Hydrologic Products issued during the month of October are as follows:

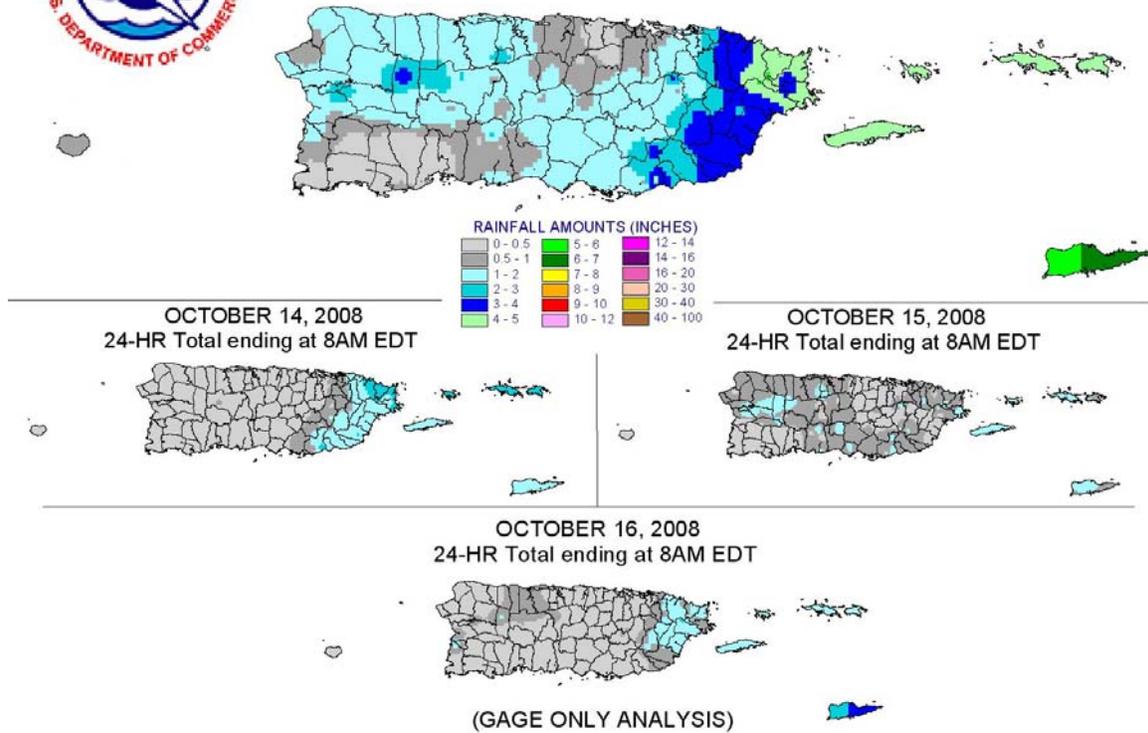
Table 1 - Hydrologic Products Issued

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	1
Flood Watches (SJUFFASJU)	13
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	12
Flash Flood Statements (SJUFFSSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	69



HURRICANE OMAR

3-Day Rainfall Totals
OCTOBER 14 - 16, 2008



Please note the following archive for the U.S. Drought Monitor related graphics – choose Puerto Rico from the “state” pulldown menu – click on “update” and request the dates from calendar pulldown menu...updated weekly.

[U.S. Drought Monitor Archive](#)

Here is the monthly “gauge only” summary for the month of October...provided by the Southeast River Forecast Center (SERFC) in Atlanta.

[Monthly GAGE ONLY Summary for October 2008](#)

For monthly “radar totals” use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on Puerto Rico and request the duration you would like to view.

[AHPS archive of radar totals/ images](#)