

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
February 2009

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

SIGNATURE
Althea Austin-Smith,
Service Hydrologist
DATE
03/19/2009

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 3.33 inches of rain for the month of February ... 1.03 inches more than the normal of 2.30 inches. The ASOS rainfall report at Truman Field in St. Thomas reported 1.51 inches of rain for the month of February ... 0.60 inches more than the normal of 1.47 inches.

Although the dry season continued to show its bias as an area of "abnormally dry" in the U.S. Drought Monitor increased as it stretched from Northeastern Puerto Rico through the Interior and down into Southeastern Puerto Rico...there were a few incidences of minor to moderate localized flooding along the northern coast and in the west during the month of February. The most significant of these occurred the second week of February when moisture was funneled along an old frontal boundary along the northern coast of Puerto Rico. This event resulted in reports of over 5 inches of rainfall which caused flooding in the Toa Baja Dorado area on over into Camuy and Barceloneta. The Rio Camuy experienced bankful conditions during this rain event. For the rest of the forecast area, the month of February was relatively quiet hydrologically.

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](#)

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

Table 1 - Hydrologic Products Issued

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	4
Flash Flood Statements (SJUFFSSJU)	4
Urban/Small Stream Flood Advisories (SJUFLSSJU)	35

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

[Monthly GAGE ONLY Summary for February 2009](#)

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](#)