

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
April 2009

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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DATE
05/14/2009

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 2.79 inches of rain for the month of April... 0.92 inches less than the normal of 3.71 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas reported 1.06 inches of rain for the month of April... 1.33 inches less than the normal of 2.39 inches.

The U.S. Drought Monitor continued with "no designations" for Puerto Rico for the month of April even though the Region (PR and the U.S. VI) was drier than normal for the month of April. This was a reversal from the end of March when the Puerto Rico experienced an unusually wet pattern. Even with a drier April, there will always be heavy showers from time to time around the islands to generate enough runoff to create some flooding. True to form, there were a couple of events around the islands during the month which generated the issuance of the following products due to hydrologic operations. The most impacted basin this month was the Rio Grande de Manati.

The approximate amounts of Hydrologic Products issued during the month of April 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) | 5 |
| Flash Flood Warnings (SJUFFWSJU) | 3 |
| Flash Flood Statements (SJUFFSSJU) | 3 |
| Urban/Small Stream Flood Advisories (SJUFLSSJU) | 39 |

Please note the following archive for the U.S. Drought Monitor related graphics – choose Puerto Rico from the "state" pull-down menu – click on "update" and request the dates from calendar pull-down menu...updated weekly - [U.S. Drought Monitor Archive](#)

Here is the monthly "gage only" summary for the month of April...provided by the Southeast River Forecast Center (SERFC) in Atlanta - [Monthly GAGE ONLY Summary for April 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](#)