

NWS Form E-5
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(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)
San Juan, Puerto Rico

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
May 2006

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
6/15/2006

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: Both the San Juan and St. Thomas ASOS sites reported below normal rainfall for the month of May after a wetter than normal April. The San Juan ASOS reported 2.22 inches for the month of May ... 3.07 inches less than the normal of 5.29 inches. At the Truman Field in St. Thomas, the reported amount was 2.98 inches ... 0.38 inches below the normal of 3.36 inches.

With the exception of a couple of wet patterns that set up over the region around May 10th and then again at the end of the month ... most of the forecast area remained relatively dry with low streamflow. The majority of the hydrologic activity occurred at the end of May when western Puerto Rico remained in a pattern where each afternoon for about a period of a week, showers and thunderstorms consistently hammered that region. This resulted in flooding along Rios Culebrinas, Guajataca, Camuy, Tanama and Loco ... reported flooding was in the minor to moderate category.

As always, any afternoon convective activity leads to the potential for Urban and poor drainage flooding as seen in the product count with 42 Urban/Small Stream Flood Advisories issued during the month of May. The issuance of 12 Flash Flood Warnings is higher than normal for a dry month but most of these were in response to the flooding in Western Puerto Rico during the last week of the month.

Non-Routine Hydrologic Products Issued:	Number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	4
Flood Warnings (SJUFLWSJU)	5
Flash Flood Warnings (SJUFFWSJU)	12
Flash Flood Statements (SJUFFSSJU)	8
Urban/Small Stream Flood Advisories (SJUFLSSJU)	42