

NWS FORM E-5 U.S. DEPARTMENT OF COMMERCE NOAA, NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS TO: NATIONAL WEATHER SERVICE HYDROMETEOROLOGICAL INFO CENTER, W/OS31 SSMC 2 – Room 13468 1325 EAST-WEST HIGHWAY SILVER SPRING, MD 20910-3283	HSA OFFICE: San Juan, PR (SJU)
	REPORT FOR (MONTH / YEAR): January, 2006
	DATE: February 8, 2006
	SIGNATURE: Althea Austin-Smith
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).	

Summary: The New Year started out on the positive side of normal for both the San Juan and St. Thomas ASOS sites. The San Juan ASOS reported 6.70 inches for the month of January, a new record and 3.68 inches greater than the normal of 3.02 inches. At the Truman Field in St. Thomas, the reported amount was 4.83 inches which was 2.94 inches more than their normal of 1.89 inches.

The most hydrologically active period of the month was in mid-January with heavy rainfall caused by the interaction between strong easterly Trades and a cold front moving in from the west.

A strong Atlantic High Pressure Ridge was responsible for maintaining moderate to strong Trades across the region. Simultaneously, a Cold Frontal Boundary continued to drift south and west into the Forecast Area. This combination fired off convection ... widespread showers and thunderstorms with locally heavy downpours. The highest rainfall totals reported for this event was over 5 inches with much of the north and north central portions of Puerto Rico reporting between 2 to 4 inches of rainfall within a couple of hours. The gage at Rio Icacos at Naguabo reported 5.23 inches.

As a result of this rainfall on January 15th, localized urban and small stream flooding was reported by Emergency Managers in many areas of Trujillo Alto, Caguas and Naguabo. Urban and Small Stream Advisories, a Flash Flood Watch followed by Flash Flood Warnings were issued for much of North-Central and Northern PR including Naguabo ... location of the highest rainfall report. The USGS gages reported gage heights that exceeded Flood Stage on the Rio Canas at Rio Canas and the Rio Piedras at Hato Rey. Urban and Small Stream Advisories were also issued for Culebra, Vieques, St. Croix and St. Thomas.

The rest of January was relatively quiet in comparison with no forecast locations approaching flood stage.

Non-Routine Hydrologic Products Issued:	Number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	1
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	7
Urban/Small Stream Flood Advisories (SJUFLSSJU)	8