

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
February 2011

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
03/08/2011

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 2.19 inches of rain for the month of February; 0.11 inches less than the normal of 2.30 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.50 inches for the month of February; 0.01 inches less than the normal of 1.51 inches.

"A generally fair and mainly dry weather pattern prevailed across the local islands during the first two weeks of February with just a few light passing showers along the northern coast of Puerto Rico during the overnight hours each day. This pattern of limited low level moisture and stable conditions helped to suppress significant afternoon convection almost until February 15th. By mid February, unstable conditions and strong afternoon convection across the Cordillera Central were the result of favorable upper level dynamics combined with an increase in low level moisture. The remainder of February was once again dominated with high pressure and its associated subsidence across the forecast area. This weather feature resulted once again in fair and dry weather conditions except for a slight increase in passing showers due to the remnants of an old cold front on February 25th. Statistically, 2011 represents the second driest start to a year on record (1850-2011) at Christiansted Airport at Saint Croix with only 1.22 inches year to date." *Excerpt from the monthly climate report... see (<http://www.srh.noaa.gov/sju/?n=feb2011cr>)*

Due to the seasonably dry month of February followed by a dry January, no significant flooding was reported across the Hydrologic Service Area.

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

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)	0
Flash Flood Statements (SJUFFSSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	8

For monthly “radar totals” use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on the Precipitation interface for San Juan, Puerto Rico and request the duration you would like to view...daily or monthly remembering that the 24 hour totals are from 12z – 12z (8am to 8am in PR) - [AHPS archive of radar totals/ images](#) . Here are the [February 2011 totals](#).