

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:  
MONTH            YEAR  
October           2011

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  
11/15/2011

*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 5.51 inches of rain for the month of October; 0.08 inches less than the normal of 5.59 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.95 inches for the month of October; 3.47 inches less than the normal of 5.42 inches.

*"Afternoon convection was the rule during the entire month of October as a result of daytime heating and sea breeze convergence. The steering flow focused the shower activity along the western interior as well as the southwestern quadrant of Puerto Rico each afternoon. By the end of the month, a broad area of low pressure tracked south of the area, leaving scattered passing showers and isolated thunderstorms across the eastern portions of Puerto Rico during the early morning hours of October 26th. Then, generally fair weather prevailed across the local islands through the end of the month with limited afternoon convection once again across western Puerto Rico each afternoon".*

Please see (<http://www.srh.noaa.gov/sju/?n=oct2011cr>) for October's Climate Report.

Relatively dry weather in the US Virgin Islands led to an inactive hydrologic period during the month of October and while Puerto Rico showed normal rainfall, these amounts were not enough to cause any significant flooding this month.

The approximate amounts of Hydrologic Products issued during the month of October 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)	3
Flash Flood Warnings (SJUFFWSJU)	1
Flash Flood Statements (SJUFFSSJU)	3
Urban/Small Stream Flood Advisories (SJUFLSSJU)	53

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 [October 2011 totals](#).