

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
October 2013

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
11/13/2013

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 3.24 inches of rain for the month of October; 2.35 inches less than the normal of 5.59 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 2.28 inches for the month of October; 3.14 inches less than the normal of 5.42 inches. The ASOS rainfall report from Christiansted Airport in St. Croix was 4.72 inches for the month of October; 0.53 inches less than the normal of 5.25 inches.

"Overall, October 2013 can be described as a dry and hot month with precipitation deficits and above normal temperatures across much of the local islands. Locally induced shower and thunderstorm activity were noted across western portions of Puerto Rico most of October's afternoons. In fact, the northwestern quadrant of Puerto Rico was the only area with normal to above normal rainfall totals. A few weak tropical waves/easterly disturbances were noted across the area this month, but with minimal associated rainfall totals."

(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=oct2013cr>) for October's complete Climate Report.)

The month of October was relatively dry across the region. The big weather news was the frequency and intensity of the severe weather which hydrologically resulted in minor localized river, small stream and poor drainage flooding. Otherwise, it was a quiet month for this time of year.

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)	6
Flash Flood Warnings (SJUFFWSJU)	1
Flash Flood Statements (SJUFFSSJU)	1
Urban/Small Stream Flood Advisories (SJUFLSSJU)	111

Here is the October 2013 rainfall totals graphic.

http://www.srh.noaa.gov/images/sju/climo/monthly_reports/2013/Oct_2013_Rainfall.png

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.

<http://water.weather.gov/ahps2/precip.php?wfo=sju>