

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
November 2015

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
12/15/2015

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 Airport ASOS in Puerto Rico reported 8.72 inches of rain for the month of November; 2.37 inches greater than the normal of 6.35 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 9.66 inches for the month of November; 4.43 inches greater than the normal of 5.23 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 6.77 inches for the month of November; 1.31 inches greater than the normal of 5.46 inches.

“November has been near normal to slightly above normal with passing showers observed along windward areas in the morning, followed by locally induced showers and thunderstorms in the afternoon. This pattern has been enhanced as trofiness establishes across the area from time to time. The highest rainfall totals during November was focused over and north of the Cordillera Central and Sierra de Cayey. Please also see November’s Climate Report: (http://www.srh.noaa.gov/images/sju/climo/monthly_reports/2015/Nov2015.pdf).

Based on USGS data...the majority of streamflows are now running in the normal range...with a few locations below normal and much below normal. Lake levels at water supply reservoirs are doing well, however aquifer and ground water levels are still struggling to recover. With the rainfall reported for the U.S. Virgin Islands, hydrologic and water supply conditions are also rebounding significantly when compared to this past summer. This is the winter/dry season across the region so conditions can change as rapidly as they did over the past two months. It took years to get to the drought conditions of 2015...it is unrealistic to believe that two months of rainfall will eradicate all of the impacts. Continued vigilance is encouraged.

The [U.S. Drought Monitor](#) for Puerto Rico – Overall, the percentage of area has decreased for all Drought Categories across Puerto Rico although some D1 to D3 conditions still persist.

The approximate amounts of Hydrologic Products issued during the month of November 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)	4
Flash Flood Statements (SJUFFSSJU)	2
Urban/Small Stream Flood Advisories (SJUFLSSJU)	39

Here is the [November 2015 rainfall totals graphic](#) .

For monthly “radar totals” use the archive of the Advanced Hydrologic Prediction Service (AHPS) - select 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...AST) - AHPS archive of radar totals/ images.
(<http://water.weather.gov/precip/?loctype=WFO&loc=wfoSJU>)