

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
January 2016

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
02/16/2016

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 1.60 inches of rain for the month of January; 2.16 inches less than the normal of 3.76 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.63 inches for the month of January; 0.75 inches less than the normal of 2.38 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 0.50 inches for the month of January; 1.64 inches less than the normal of 2.14 inches.

"A seasonable weather pattern prevailed across the local islands with passing showers observed along windward areas in the morning, followed by locally induced showers in the afternoon. Stronger than normal low level easterly winds increased the frequency of trade wind showers across the windward areas. As a result, the highest rainfall totals were focused across the USVI and the east coastal areas of PR.

Based on USGS data...the majority of streamflows are now running in the normal to above normal range...with a few locations below normal and much below normal. Lake levels at water supply reservoirs are doing extremely well for this time of year, however aquifer and ground water levels are still struggling in the Salinas area along the south coast of the island, where water rationing continues for those residents. With the rainfall reported for the U.S. Virgin Islands over the past couple of weeks, hydrologic and water supply conditions are holding steady. This is the winter/dry season across the region and conditions can change rapidly so residents are urged to make water conservation a way of life. Continued vigilance is encouraged.

The [U.S. Drought Monitor](#) for Puerto Rico remains status quo – some D1 to D3 conditions still persist.

The approximate amounts of Hydrologic Products issued during the month of January 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)	5

Here is the [January 2016 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>)