

<b>NWS Form E-5</b> (04-2006) (PRES. BY NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) <b>San Juan, Puerto Rico</b>
		<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>
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 <hr/> DATE 06/22/2015

*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 2.28 inches of rain for the month of May; 3.62 inches less than the normal of 5.90 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 6.25 inches for the month of May; 3.19 inches greater than the normal of 3.06 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 1.05 inches for the month of May; 3.10 inches less than the normal of 4.15 inches.

*“A fair and stable weather pattern prevailed across the local islands during May with mostly clear skies and a few locally induced showers. An average rainfall total of 2.10 and 0.89 inches was observed across Saint Thomas/Saint John and Saint Croix, respectively. This is just 54% and 23% of their normal rainfall for the month of May. Across Puerto Rico, an average rainfall total of 4.01 inches was observed, which is 3.20 inches below normal.”*

*(Excerpt from ([http://www.srh.noaa.gov/images/sju/climo/monthly\\_reports/2015/May2015.pdf](http://www.srh.noaa.gov/images/sju/climo/monthly_reports/2015/May2015.pdf)) - May's complete Report.)*

Localized heavy rainfall resulted in flooding in the San Juan metro area on May 20<sup>th</sup>. At the end of the month, some localized flooding was also reported on Rio Guajataca from heavy rains and thunderstorms in the north central portions of Puerto Rico. St. Thomas and St. John also reported flooding during the month of May while the St. Croix remained relatively dry.

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

The [U.S. Drought Monitor](#) for Puerto Rico showed a continued “deterioration” as most of eastern Puerto Rico continued to run up the rainfall deficits. In addition, water rationing was established for thousands of residents who depend on water from Carraizo Dam in eastern Puerto Rico including customers from the San Juan metro area.

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

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	1
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	0
Flash Flood Statements (SJUFFSSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	43

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/precip/?loctype=WFO&loc=wfoSJU>