

<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 08/14/2014

*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 3.57 inches of rain for the month of July; 1.50 inches less than the normal of 5.07 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 0.81 inches for the month of July; 2.04 inches less than the normal of 2.85 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 0.90 inches for the month of July; 2.14 inches less than the normal of 3.04 inches.

*"A generally fair and mainly stable weather pattern prevailed across the local islands, with afternoon showers across portions of West Puerto Rico each day. For the second consecutive month, the near to below normal low level moisture combined with the absence of upper level dynamics resulted in limited shower/thunder activity across the local islands. In fact, on the 23rd and 24th of the month, our hope to see significant rainfall vanished when the remnants of former tropical depression two moved across the forecast area without any significant impact. As June 2014, July 2014 can be described as a dry and hot month."*

*(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=ju2014cr>) for July's complete Climate Report.)*

Almost sixty percent of Puerto Rico had been assigned to the [abnormally dry or moderate drought](#) categories (*updated weekly - see corresponding table for July's numbers*) in the U.S. Drought Monitor, due to short and long term rainfall deficits in these areas. The reservoir and lake levels in Puerto Rico were of vital concern by federal and local authorities since water supply to some sections of the island would pose a problem if the rainfall deficits continued to increase. Although the U.S. Drought Monitor does not include designations for the U.S. Virgin Islands...dry conditions there were also of concern.

Approximate number of Hydrologic Products (flood related) issued during the month of July.

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)	59

Here is the [July 2014 rainfall totals graphic](#).

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>)