

<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>		REPORT FOR: MONTH            YEAR October            2014
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 11/17/2014

*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 3.11 inches of rain for the month of October; 2.48 inches less than the normal of 5.59 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.86 inches for the month of October; 3.56 inches less than the normal of 5.42 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 1.76 inches for the month of October; 3.49 inches less than the normal of 5.25 inches.

*“Overall, October 2014 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. However these showers were not enough to avoid rainfall deficit across this quadrant of Puerto Rico.”*  
*(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=oct2014cr>) for October’s complete Climate Report.)*

Even with the dry month across the Hydrologic Service Area, there were a couple of sporadic rainfall events throughout the month that resulted in some localized flooding. There were a few urban and small stream advisories including a significant urban flood event in the San Juan metro area at the end of the month. Minor flooding was reported and confined to the Rio Guanajibo in western Puerto Rico around Oct. 20th. The U.S. Virgin Islands once again remained “flood free” throughout the month.

The [U.S. Drought Monitor](#) for Puerto Rico...short and long term rainfall deficits persist in these areas. *(Please note that this is updated weekly so be very careful when you look at/use this data)*

Here is the [October Flood Crest Report](#) (E3).

See some flood details in the Local Storm Reports below:

<b>Local Storm Reports for October 2014</b>			
..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0800 PM 10/20/2014	FLOOD	HORMIGUEROS MAYAGUEZ	18.14N 67.12W PR EMERGENCY MNGR
EMERGENCY MANAGER AT HORMIGUEROS REPORTED THAT THE GUANAJIBO RIVER FLOODED ROADS 114 AND 319 NEAR THE PR POWER COMPANY SUBSTATION.			
0556 PM 10/27/2014	FLOOD	VEGA ALTA VEGA ALTA	18.42N 66.32W PR EMERGENCY MNGR
URBAN FLOODING ON ROUTE 690. ONE HOME FLOODED.			
1244 PM 10/31/2014	FLOOD	SAN JUAN SAN JUAN	18.41N 66.06W PR PUBLIC
OCEAN PARK WAS REPORTED FLOODED.			
1257 PM 10/31/2014	FLOOD	SAN JUAN SAN JUAN	18.41N 66.06W PR PUBLIC
NEAR PIRILO RESTAURANT AT OCEAN PARK URBAN FLOODING WAS REPORTED.			
1258 PM 10/31/2014	FLOOD	SAN JUAN SAN JUAN	18.41N 66.06W PR PUBLIC
KENNEDY AVENUE WAS REPORTED FLOODED.			
1258 PM 10/31/2014	FLOOD	SAN JUAN SAN JUAN	18.41N 66.06W PR PUBLIC
URBAN FLOODING WAS REPORTED AT ROOSEVELT ROAD.			
1258 PM 10/31/2014	FLOOD	GUAYNABO GUAYNABO	18.39N 66.11W PR PUBLIC
SAN PATRICIO SHOPPING CENTER WAS REPORTED FLOODED.			
0110 PM 10/31/2014	FLASH FLOOD	GUAYNABO GUAYNABO	18.39N 66.11W PR SHIP

FLOODING WITH CARS STRANDED WERE REPORTED AT MARTINEZ NADAL AVENUE.

0110 PM FLOOD GUAYNABO 18.39N 66.11W  
10/31/2014 GUAYNABO PR PUBLIC

FLOODING WAS REPORTED AT SAN PATRICIO AVENUE.

0110 PM FLOOD SAN JUAN 18.41N 66.06W  
10/31/2014 SAN JUAN PR PUBLIC

ROAD PR-2 EXIT WITH AVE KENNEDY WAS REPORTED FLOODED.

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)	9
Flood Warnings (SJUFLWSJU)	3
Flash Flood Warnings (SJUFFWSJU)	1
Flash Flood Statements (SJUFFSSJU)	2
Urban/Small Stream Flood Advisories (SJUFLSSJU)	45

Here is the [October 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>)