

NWS Form E-5
(04-2006)
(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)
San Juan, Puerto Rico

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
September 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
DATE
10/15/2014

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 6.42 inches of rain for the month of September; 0.65 inches greater than the normal of 5.77 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.75 inches for the month of September; 3.83 inches less than the normal of 5.58 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 2.71 inches for the month of September; 2.15 inches less than the normal of 4.86 inches.

"A seasonal weather pattern prevailed across Puerto Rico and the US Virgin Islands during the month of September with afternoon convection focused across portions of the Cordillera Central and western Puerto Rico each day. Brief periods of passing showers and thunderstorms were noted a few times, and were associated with the passage of weak easterly disturbances. However, rainfall accumulations associated with the aforementioned disturbances were marginal. As a result, rainfall deficits persisted across the USVI and portions of the southern slopes of Puerto Rico. In fact, the US Drought Monitor maintained near 20 percent of Puerto Rico area under the categories of abnormally dry and drought conditions through the month. Overall, September 2014 brought near to below normal temperatures and near to below normal rainfall as well."

(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=sep2014cr>) for September's complete Climate Report.)

A normally wet month across the Hydrologic Service Area experienced many localized rainfall events while leaving many areas in the drier than normal category. Even with that, there was some flooding associated with these localized events. The majority of the flooding was confined to Puerto Rico while the U.S. Virgin Islands remained basically "flood free" throughout September.

The [U.S. Drought Monitor](#) for Puerto Rico...short and long term rainfall deficits persist in these areas.

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

See some flood details in the Local Storm Reports below:

Local Storm Reports for September 2014

0330 PM	FLOOD	AGUADA	18.38N 67.19W
09/06/2014		AGUADA	PR PUBLIC
GENERAL PUBLIC VIA SOCIAL MEDIA REPORTED ROAD 417 DETOUR SOUTH FLOODED.			
0430 PM	FLOOD	LAJAS	18.05N 67.06W
09/22/2014		LAJAS	PR PUBLIC
URBAN FLOODING WAS REPORTED AT ROAD PR-117.			
0348 PM	FLOOD	ANASCO	18.29N 67.14W
09/24/2014		ANASCO	PR PUBLIC
URBAN FLOODING WAS REPORTED AT ROAD PR-115 IN ANASCO.			
0506 PM	FLOOD	SAN JUAN	18.41N 66.06W
09/24/2014		SAN JUAN	PR PUBLIC
URBAN FLOODING WAS REPORTED IN THE INTERSECTION BETWEEN ROOSEVELT AVENUE WITH MUNOZ RIVERA AVENUE IN HATO REY SECTOR.			
1054 AM	FLOOD	NAGUABO	18.21N 65.74W
09/25/2014		NAGUABO	PR BROADCAST MEDIA
ROUTE 31 IN NAGUABO NOT PASSABLE DUE TO RIO BLANCO OUT OF ITS BANKS.			

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

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	7
Flood Warnings (SJUFLWSJU)	1
Flash Flood Warnings (SJUFFWSJU)	0
Flash Flood Statements (SJUFFSSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	94

Here is the [September 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>)