

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 January 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 02/14/2014

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 2.54 inches of rain for the month of January; 1.22 inches less than the normal of 3.76 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.02 inches for the month of January; 1.36 inches less than the normal of 2.38 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 1.13 inches for the month of January; 1.01 inches less than the normal of 2.14 inches.

“Overall, January 2014 can be described as a dry and hot month with precipitation deficits and above normal temperatures across much of the local islands as a result of a persistent ridge pattern over the area. The scenario changed during the last week of the month when troughiness prevailed to the east of the area and induced scattered to locally numerous passing showers across windward areas as well as afternoon showers with isolated thunderstorms over western Puerto Rico.”

(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=jan2014cr>) for January's complete Climate Report.)

No flooding occurred at any gaged locations during the month of January, 2014. With the dryness, it is expected that there was no change in the U.S. Drought Monitor, where a section of southern Puerto Rico remained in the [abnormally dry category](#) for the month of January...due to short and long term rainfall deficits in that area.

The approximate amounts of Hydrologic Products issued during the month of January are as follows: Urban/Small Stream Flood Advisories (SJUFLSSJU) - 4

Here is the [January 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/ahps2/precip.php?wfo=sju>)