

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 March 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 04/14/2014

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 0.51 inches of rain for the month of March; 1.44 inches less than the normal of 1.95 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 1.81 inches for the month of March; 0.39 inches greater than the normal of 1.42 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 1.77 inches for the month of March; 0.21 inches greater than the normal of 1.56 inches.

“Overall, a generally fair and mainly dry weather pattern prevailed during the first half of March. Isolated morning showers across the windward side of the local islands followed by minimal shower activity across western Puerto Rico in the afternoon were observed each day. By the end of the month, a transition to a more convective pattern was noticed. A mid to upper level trough interacted with available moisture, diurnal heating and local effects to generate convective activity along the west and the southern coastal sections of Puerto Rico as well as over Saint Croix.”

(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=mar2014cr>) for March's complete Climate Report.)

No flooding occurred at any gaged locations during the month of March, 2014. As the seasonal dryness continued, portions of Puerto Rico were again included in the [abnormally dry category](#) by the in the U.S. Drought Monitor due to short and long term rainfall deficits in these area. Climatologically, the year to date (Jan-Mar) rainfall better depicts the current impacts to communities with all areas running below normal with the most extreme being the Northern Coastal/Slopes of Puerto Rico. An extended period of above normal rainfall is needed to get things back “on track” across much of Puerto Rico.

There were no (zero) Hydrologic Products (flood related) issued during the month of March.

Here is the [March 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>)