

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:  
MONTH            YEAR  
June            2014

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE  
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Service Hydrologist  
DATE  
07/15/2014

*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 0.77 inches of rain for the month of June; 3.64 inches less than the normal of 4.41 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 0.14 inches for the month of June; 2.39 inches less than the normal of 2.53 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 0.47 inches for the month of June; 1.84 inches less than the normal of 2.31 inches.

*"A generally fair weather pattern prevailed across the local islands during most of the month with afternoon showers across portions of the Cordillera Central and Northwest Puerto Rico each day. However, the limited low level moisture helped to suppress significant shower activity across the aforementioned areas. Some showers and isolated thunderstorms were seen from time to time across eastern Puerto Rico as a few tropical waves moved mainly south of the local area. Rainfall accumulations associated with these tropical waves were minimal."*

*(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=jun2014cr>) for June's complete Climate Report.)*

Unfortunately, May was an anomaly and the dry weather and lower river flow conditions returned across most of the forecast area during the month of June. Almost one half of Puerto Rico has been assigned to the **abnormally dry or moderate drought** categories (*updated weekly - see corresponding table for June's numbers*) in the U.S. Drought Monitor, due to short and long term rainfall deficits in these areas. Although the U.S. Drought Monitor does not include designations for the U.S. Virgin Islands...dry conditions there are also a concern. *"June 2014 produced 12 days of measurable rain at TJSJ, which means 40% of days where 0.01 inch or more accumulated. Meanwhile, 7 and 5 days of measurable rain were reported at TIST and TISX, resulting in 23 and 16% of the days where 0.01 inch or more accumulated. Overall, June 2014 can be described as a hot and dry month across the forecast area."* ... June's Climate Report.

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

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)	31

Here is the [June 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>)