

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
July 2015

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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DATE
08/14/2015

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 1.61 inches of rain for the month of July; 3.46 inches less than the normal of 5.07 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 0.77 inches for the month of July; 2.27 inches less than the normal of 3.04 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 0.22 inches for the month of July; 2.63 inches less than the normal of 2.85 inches.

"A fair and stable weather pattern prevailed across the local islands during July with mostly clear/sunny skies and a few locally induced showers. The best rainfall activity was observed during July 12th and associated with a weak tropical wave. However, rainfall accumulations were less than 1 inch with isolated areas up to 3 inches. An average rainfall total of 0.38 and 0.85 inches was observed across Saint Thomas/Saint John and Saint Croix, respectively. This is only 11% and 26% of their normal rainfall for the month of July. July 2015 is the 5th month in a row with rainfall accumulations below normal across the local islands. Across Puerto Rico, an average rainfall total of 1.85 inches was observed, which is 3.28 inches below normal. In fact, July 2015 ended as the driest July on record across Puerto Rico."

(Excerpt from (http://www.srh.noaa.gov/images/sju/climo/monthly_reports/2015/July2015.pdf) - July's complete Report.)

The dry trend of 2015 continued across the region, with most of the USGS gages running significantly below normal and the dry guts of the U.S. Virgin Islands remaining bone dry. Water rationing continued for an increasing number of residents in eastern Puerto Rico – customers serviced by the De La Plata, Cidra and Carraizo dams. There are reports of substantial agricultural losses and stresses on livestock across all of the local islands.

The [U.S. Drought Monitor](#) for Puerto Rico showed a continued "deterioration" as most of eastern Puerto Rico continued to run up the rainfall deficits.

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

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)	15

Here is the [July 2015 rainfall totals graphic](#) .

For monthly “radar totals” use the archive of the Advanced Hydrologic Prediction Service (AHPS) - select 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...AST) - AHPS archive of radar totals/ images.

(<http://water.weather.gov/precip/?loctype=WFO&loc=wfoSJU>)