

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
May 2009

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
06/18/2009

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 ASOS reported 5.28 inches of rain for the month of May... 0.01 inches less than the normal of 5.29 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas reported 3.55 inches of rain for the month of May...0.19 inches greater than the normal of 3.36 inches.

Climatologically, May is another seasonal transition month when the rainfall across the Region tends to be on the higher end of the spectrum. The rainfall in both Puerto Rico and the U.S. Virgin Islands lived up to the billing, which translated into a number of flood events during the month.

There were numerous flood events across the forecast area during the month...from the guts of St. Thomas (USVI) to Fajardo, the San Juan Metro Area and the Rio de La Plata basin. Although these events were in the minor category as far as the rivers were concerned, the flooding in the San Juan Metro Area at the beginning of the month was an "Urban Adventure" with numerous people trapped on top of their cars in the Guaynabo area, flooded houses and road closures as rainfall rates approached 2 inches an hour. The most significant river flood episode also occurred at the beginning of the month across the Rio Grande de Manati basin. This was the second consecutive month where this area of Puerto Rico experienced minor to moderate flooding along the Rio Grande de Manati's length, from Ciales (Northern Interior) to Manati at the coast.

Information from LSRs:

May 8th EMERGENCY MANAGEMENT OFFICIAL REPORTED A MUDSLIDE IN BARRIO LICEO ARRIBA, SECTOR POLVORIN AT ROAD 349 KM 0.8 - MAYAGUEZ

May 8th EMERGENCY MANAGEMENT OFFICIAL REPORTED URBAN FLOODING IN TOWN - DORADO - SAN JUAN METRO

May 8th ROAD 165 IN BUCHANAN FLOODED NEAR EL NUEVO DIA BUILDING PEOPLE STRANDED ON VEHICLES. FLOODING ALSO REPORTED ON MARTINEZ NADAL EXPRESSWAY AND URB. SUMMIT HILLS -GUAYNABO - SAN JUAN

May 8th EMERGENCY MANAGEMENT OFFICIAL REPORTED KENNEDY

	AVENUE WITH THE INTERSECTION WITH MARTINEZ NADAL FLOODED,AS WELL AS VILLA NEVAREZ SECTOR - SAN JUAN
May 8 th	EMERGENCY MANAGEMENT OFFICIAL REPORTED SEVERAL HOUSES FLOODED ACROSS THE SAN JUAN METROPOLITAN AREA,INCLUDING THE AREAS OF VILLA NEVAREZ SECTOR, AND LAS AMERICAS. NUMEROUS REPORTS OF FLASH FLOODING ACROSS THE RIO PIEDRAS AREA...HATO REY...PUERTO NUEVO AND BARRIO OBRERO. SEVERAL PEOPLE STRANDED ON CARS ON FLOODED ROADS IN SEVERAL AREAS OF RIO PIEDRAS...PUERTO NUEVO AND KENNEDY AVE. - SAN JUAN

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

Table 1 - Hydrologic Products Issued

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	1
Flood Watches (SJUFFASJU)	16
Flood Warnings (SJUFLWSJU)	14
Flash Flood Warnings (SJUFFWSJU)	14
Flash Flood Statements (SJUFFSSJU)	13
Urban/Small Stream Flood Advisories (SJUFLSSJU)	134

Here is the monthly “gage only” summary for the month of May...provided by the Southeast River Forecast Center (SERFC) in Atlanta - [Monthly GAGE ONLY Summary for May 2009](#)

For monthly “radar totals” use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on Puerto Rico and request the duration you would like to view - [AHPS archive of radar totals/ images](#)