

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 May 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 06/12/2014

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 8.71 inches of rain for the month of May; 2.81 inches greater than the normal of 5.90 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 6.68 inches for the month of May; 3.62 inches greater than the normal of 3.06 inches. The ASOS rainfall report from Henry E. Rohlsen Airport in St. Croix was 5.52 inches for the month of May; 1.37 inches greater than the normal of 4.15 inches.

“May 2014 began with an upper level trough and deep tropical moisture that produced numerous showers with thunderstorms across the local area. The hardest hit area was the eastern portion of Puerto Rico where around 15 inches of rainfall accumulated in a 48 hour period. Days after, a normal pattern prevailed across the area with afternoon showers and thunderstorms across the interior and western portions of Puerto Rico. Around the 20th, the high pressure ridge established across the area weakened, and brought better shower activity once again focused mainly across eastern Puerto Rico and US Virgin Islands. By the end of the month, fair and mainly dry weather conditions prevailed.”

(Excerpt - Please see (<http://www.srh.noaa.gov/sju/?n=may2014cr>) for May's complete Climate Report.)

Rainfall at the end of April into early May was enough to wipe out the rainfall deficits across much of the Islands. The torrential downpours at the beginning of May produced enough runoff to create flash flooding both in the USVI and Puerto Rico. The most devastating floods reported during this period were in eastern Puerto Rico, El Yunque National Forest, Luquillo, Rio Grande and the San Juan metropolitan area.

A wide range of communities were affected by these floods and impacts ranged from road washouts, business closures, damaged homes and abandoned flood-covered vehicles. The Forest Service had to close the El Yunque National Forest for a few days due to road accessibility problems from flash floods and landslides.
 (Flood Details in the Local Storm Reports Table below)

Even with the observed rainfall for a large portion of the forecast area, a section of Puerto Rico remains in the [abnormally dry category](#) (updated weekly - see corresponding table for May's numbers) in the U.S. Drought Monitor, due to short and long term rainfall deficits in these areas.

Local Storm Reports for May 2014

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0300 PM 05/08/2014	FLASH FLOOD	CHARLOTTE AMALIE SAINT THOMAS	18.34N 64.93W VI EMERGENCY MNGR
FLOODED AREAS INCLUDE MAIN STREET, HARWOOD HIGHWAY, BROOKMAN ROAD, GRIFFITH PARK, LINDBERGH BAY IN VICINITY OF UVI AND POLICE STATION, NISKY, ALTONA IN VICINITY OF GOTTLIEB GAS STATION, CROWN AREA, AND TUTU IN VICINITY OF TUTU PARK MALL AND METRO MOTORS.			
0200 PM 05/08/2014	FLOOD	SAN JUAN SAN JUAN	18.41N 66.06W PR EMERGENCY MNGR
HOUSE FLOODED AT 1013 FORDHAM STREET URB UNIVERSITY GARDENS. HOUSE FLOODED AT STREET 9...NUM 604 PARCELAS HILL BROTHERS. HOUSE FLOODED AT URB LAS AMERICAS SAN SALVADOR STREET 962-A.			
0200 PM 05/08/2014	FLOOD	SAN JUAN SAN JUAN	18.41N 66.06W PR EMERGENCY MNGR
AVE AMERICO MIRANDA NEAR REPARTO METROPOLITADO FLOODED. AVE DE DIEGO URB PUERTO NUEVO NEAR REST AURORITA FLOODED.AVE PONCE DE LEON NEAR AVE CHARDON FLOODED. AVE 65TH AT BUEN CONSEJO FLOODED. AVE PONCE DE LEON AT VILLA DE ORO FLOODED.			
0200 PM 05/08/2014	FLOOD	CAROLINA CAROLINA	18.41N 65.98W PR EMERGENCY MNGR
HOUSE FLOODED AT URB COUNTRY CLUB STREET 206 GW1. AVE CAMPO RICO FLOODED NEAR REST PARAISO CHINO. HOUSE FLOODED AT BERNARDO STREET AND ANDRES ARUZ NUM 152B.ROAD 190 KM 1.5 BO SABANA ABAJO FLOODED. HOUSE FLOODED AT VILLA CAROLINA 3RD SECC BLOCK 70 NUM 2.			
0200 PM 05/08/2014	FLOOD	CAROLINA CAROLINA	18.41N 65.98W PR EMERGENCY MNGR
ROAD FLOODED AT AVE FRAGOSO PLAZA CAROLINA...WATERS REACHING SEARS DEPT STORE.			
0200 PM 05/08/2014	FLOOD	SAN JUAN SAN JUAN	18.41N 66.06W PR EMERGENCY MNGR
FLOODING AT RIVER IN RIO PIEDRAS AREA OF ANDALUCIAS HIGHER LEVELS.			

0200 PM 05/08/2014	FLOOD	SAN JUAN SAN JUAN	PR	18.41N 66.06W EMERGENCY MNGR
		FLOODED ROAD AT AVE DE DIEGO AND ROOSVELT...NEAR BANCO POPULAR AND PUMA GAS STATION.		
0200 PM 05/08/2014	FLOOD	SAN JUAN SAN JUAN	PR	18.41N 66.06W EMERGENCY MNGR
		ROAD FLOODED AT URB EL VEDADO CALLE RODRIGO DE TRIANA NUM 115.		
0200 PM 05/08/2014	FLOOD	TRUJILLO ALTO TRUJILLO ALTO	PR	18.36N 66.02W EMERGENCY MNGR
		ROAD AND HOMES FLOODED AT BO SAINT JUST CALLE 8 RES 91.		
0200 PM 05/08/2014	FLOOD	SAN JUAN SAN JUAN	PR	18.41N 66.06W EMERGENCY MNGR
		ROAD FLOODED AT AVE SERGIO CUEVAS BUSTAMENTE.		
0200 PM 05/08/2014	FLOOD	CAROLINA CAROLINA	PR	18.41N 65.98W EMERGENCY MNGR
		ROAD FLOODED AND CAR TRAPPED UNDER WATER NEAR COLISEO GUILLERMO AND ANGULO ESCUELA CARLOS DE SENABRIA.		
0200 PM 05/08/2014	FLOOD	RIO GRANDE RIO GRANDE	PR	18.38N 65.84W EMERGENCY MNGR
		ROAD FLOODED AT URB LOS MAESTROS CALLE 2 RES 76.		
0200 PM 05/08/2014	FLOOD	CAROLINA CAROLINA	PR	18.41N 65.98W EMERGENCY MNGR
		ROAD FLOODED AT VILLA FONTANA VIA 19 QR-32.		
0200 PM 05/08/2014	FLOOD	CAROLINA CAROLINA	PR	18.41N 65.98W EMERGENCY MNGR
		RESIDENCY FLOODED AT VILLA CAROLINA...ALONG CALLE 72 BLOQUE 126 HOUSE NUMBER 3.		
0200 PM 05/08/2014	FLOOD	SAN JUAN SAN JUAN	PR	18.41N 66.06W EMERGENCY MNGR
		ROAD FLOODED AT CALLE 19 VILLA NEVARES.		
0200 PM 05/08/2014	FLOOD	CAROLINA CAROLINA	PR	18.41N 65.98W EMERGENCY MNGR
		CAR TRAPPED UNDER FLOOD WATERS AT AVE MONSERRATE ON THE CORNER OF COMANDANTE AND AVE BALDORIOTY EXIT.		
1000 AM	FLASH FLOOD	NAGUABO		18.21N 65.74W

05/10/2014		NAGUABO	PR	NEWSPAPER
		ROAD PR-31 AT SECTOR LA FE IMPASSABLE.		
1000 AM	FLASH FLOOD	LUQUILLO		18.38N 65.72W
05/10/2014		LUQUILLO	PR	NEWSPAPER
		CAR SWEEP AWAY AT PR-3 NEAR RESIDENCIAL EL CEMI.		
1000 AM	FLOOD	NAGUABO		18.21N 65.74W
05/10/2014		NAGUABO	PR	NEWSPAPER
		LANDSLIDE ROAD PR-53 INTERSECTION WITH PR-192.		
1000 AM	FLASH FLOOD	RIO GRANDE		18.38N 65.84W
05/10/2014		RIO GRANDE	PR	NEWSPAPER
		LANDSLIDE ROAD PR-191. CAR SWEEP WAY AT RIO ESPIRITU SANTO.		
1000 AM	FLASH FLOOD	LUQUILLO		18.38N 65.72W
05/10/2014		LUQUILLO	PR	NEWSPAPER
		ROAD 988 AND 983 IMPASSABLE.		

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

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	5
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	5
Flash Flood Statements (SJUFFSSJU)	5
Urban/Small Stream Flood Advisories (SJUFLSSJU)	83

Here is the [May 2014 rainfall totals graphic](#). (May be delayed)

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>