

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 2006

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
DATE
4/18/2006

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: Both the San Juan and St. Thomas ASOS sites reported below normal rainfall for the month of March. The San Juan ASOS reported 1.57 inches for the month of March... 0.57 inches less than the normal of 2.14 inches. At the Truman Field in St. Thomas, the reported amount was 1.42 inches just barely below their normal of 1.52 inches.

As is the case for heavy rainfall events in this region during the winter and transitional months ... a weak, stalled frontal boundary exiting the Eastern U.S. is usually the culprit with the local flow and orographic features providing the moisture and the additional lift. This was the case for the events that took place in early March and again in late March into early April. In each case, the rainfall spanned over a few days with amounts of over 5 inches reported in some spots.

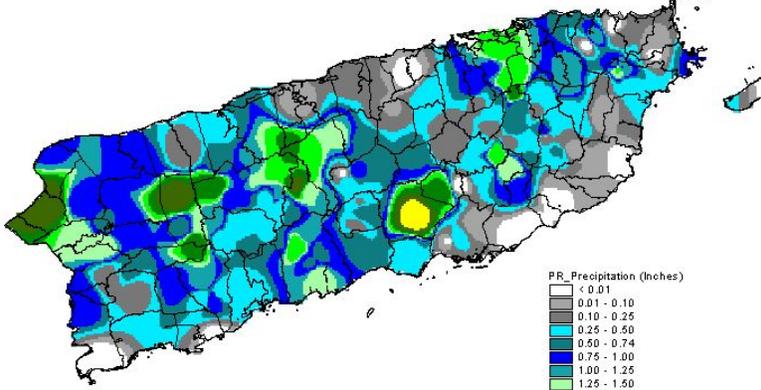
The event at the end of March into early April created much more widespread urban and small stream flooding which led to the issuance of most of the Urban Flood Advisories for the month of March. No mainstem river flooding was reported and no river Flood Warnings or Flash Flood Warnings were issued. Maximum rainfall amounts for these events were 5 to 8 inches. This event straddled into April but this report only covers the amounts that occurred in March.

THIS IS THE RAINFALL ACCUMULATIONS ENDING AT 12Z EACH DAY FOR THE FOLLOWING DAYS OF MARCH 2006						
DATE	27	28	29	30	31	TOTAL

ARJP4	0.06	2.10	3.43	0.00	2.71	8.30
LARP4	1.35	0.43	0.41	0.08	3.41	5.68
UTHP4	1.26	0.08	1.17	0.00	2.75	5.26
ADAP4	0.00	0.14	0.00	1.13	3.70	4.97
ARHP4	0.01	1.13	2.24	0.00	1.57	4.95
COAP4	0.00	0.01	0.00	0.28	4.29	4.58
ARBP4	2.06	1.21	0.66	0.00	0.60	4.53
CIAP4	0.33	0.02	2.55	0.00	1.32	4.22
JARP4	1.19	0.43	1.02	0.00	1.54	4.18
CIBP4	0.04	0.35	2.04	0.00	1.64	4.07



Preliminary Precipitation Gage Analysis for Puerto Rico
24-hour Precipitation Ending 7AM EST, 3/31/2006



PR_Precipitation (Inches)

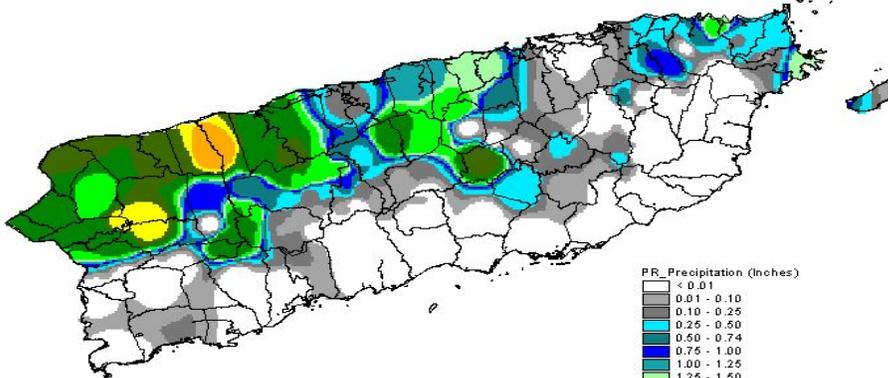
< 0.01
0.01 - 0.10
0.10 - 0.25
0.25 - 0.50
0.50 - 0.74
0.75 - 1.00
1.00 - 1.25
1.25 - 1.50
1.50 - 2.00
2.00 - 3.00
3.00 - 4.00
4.00 - 5.00
5.00 - 7.00
7.00 - 9.00
9.00 - 11.00
11.00 +
No Data



Produced by the Southeast River Forecast Center



Preliminary Precipitation Gage Analysis for Puerto Rico
24-hour Precipitation Ending 7AM EST, 4/1/2006



PR_Precipitation (Inches)

< 0.01
0.01 - 0.10
0.10 - 0.25
0.25 - 0.50
0.50 - 0.74
0.75 - 1.00
1.00 - 1.25
1.25 - 1.50
1.50 - 2.00
2.00 - 3.00
3.00 - 4.00
4.00 - 5.00
5.00 - 7.00
7.00 - 9.00
9.00 - 11.00
11.00 +
No Data



Produced by the Southeast River Forecast Center

Non-Routine Hydrologic Products Issued:	Number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	32