

Water-Data Report 2011

50107000 RIO COAMO NR SANTA ISABEL, PR

RIO COAMO BASIN

LOCATION.--Lat 17°58'36", long 66°25'10" referenced to North American Datum of 1927, Santa Isabel Municipio, PR, Hydrologic Unit 21010004.

WATER-QUALITY RECORDS

REMARKS.--Part of Water-Quality Synoptic survey at streams in the southeast, south, and western areas of Puerto Rico during Water Year 2011.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 2

[MF, membrane filter; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Hydrogen ion, water, unfiltered, calculated, mg/L (00191)	Ammonia, water, unfiltered, mg/L as N (00610)
10-19-2010	1535	189	7.4	8.3	617	28.7	E 12	M	.02
03-22-2011	1335	8.4	10.4	8.5	632	28.1	E 3.2	M	.03

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 2 of 2

[MF, membrane filter; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Fecal coliform, M-FC MF (0.7 micron) method, water, col/100 mL (31625)	Total coliform, M-Endo MF method, immediate, water, col/100 mL (31501)	Methylene blue active substances, water, unfiltered, recoverable, mg/L (38260)
10-19-2010	1535	2.75	.012	.176	3.07	E 1,000	3,200	< .05
03-22-2011	1335	1.11	.018	.077	1.40	230	730	< .05