



Water-Data Report 2011

**182438066363400 Local number 1357. BDAI Well, Arecibo, PR**

North Coast Limestone aquifer system (Puerto Rico)  
North Coast Limestone Aquifer, Upper

Arecibo Municipio, PR

LOCATION.--Lat 18°24'37.7", long 66°36'33.5" referenced to North American Datum of 1927, Arecibo Municipio, PR, Hydrologic Unit 21010002, 2.55 mi (4.11 km) southwest of Tiburones, 1.73 mi (2.79 km) south of Highway 2, and 1.03 mi (1.66 km) west of El Espino; Name: BDAI Well, Arecibo, PR.

**GROUNDWATER RECORDS**

DATUM.--Land-surface datum is 541.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/4 IN. OPEN HOLE, 1.50 ft above land-surface datum, January 29, 2007, to present.

PERIOD OF RECORD.--November 30, 2006 to current year.

REMARKS.--Observation well. Private property, access to site only during operation of livestock farm. Well also has an automatic switch which control flow to a storage tank nearby and cannot be shutdown without the presence of the operator for proper water-level measurement.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 221.22 ft ( m), below land-surface datum, May 6, 2008; lowest water level recorded, 244.88 ft (74.64 m), below land-surface datum, May 9, 2007.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 229.93 ft (70.08 m), below land-surface datum October 28; lowest water level measured, 233.34 ft (71.12 m), below land-surface datum, April 28.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: S, steel tape. Water-level status: R, site had been pumped recently.]

Date	Water level	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Oct 28	229.93	S	R	Jul 29	231.92	S	R
Mar 10	231.38	S	R	Sep 12	232.12	S	R
Apr 28	233.34	S	R				

Water year 2011 highest: 229.93, October 28, 2010; lowest: 233.34, April 28, 2011

Period of record highest: 234.18, April 10, 2007; lowest: 244.88, May 9, 2007

Record available from November 30, 2006, to January 26, 2012; 46 entries

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