



Water-Data Report 2009

182438066363400 Local number 1357. Barreto Dairy 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: Barreto Dairy 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; CONCRETE BASE, 1.21 ft above land-surface datum, November 30, 2006 to January 29, 2007.

PERIOD OF RECORD.--November 30, 2006 to September 30, 2008.

REMARKS.--Observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 221.22 ft (67.43 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 recorded, 226.10 ft (68.91 m), below land-surface datum, June 17, 2009; lowest water level recorded, 241.78 ft (73.69 m), below land-surface datum, November 19, 2008.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: S, steel tape; T, electric tape. Water-level status: R, site had been pumped recently; S, nearby site that taps the same aquifer was being pumped; A, level affected by atmospheric pressure.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 9	240.89	S	R	May 27	235.34	S	S
Nov 19	241.78	S	A	Jun 17	226.10	S	S
Jan 21	235.87	S	A	Jul 22	232.38	S	R
Feb 25	235.18	S	R	Aug 20	233.06	S	R
Mar 26	237.87	S	R	Sep 22	234.41	T	A
Apr 29	234.60	S	R				

Water year 2009 highest: 226.10, June 17, 2009; lowest: 241.78, November 19, 2010

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

Record available from November 30, 2006, to June 29, 2010; 37 entries

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