



Water-Data Report 2009

**182441066082600 Local number 219. Buchanan Park Well, Bayamón, PR**

North Coast Limestone aquifer system (Puerto Rico)  
 Cibao Formation  
 Bayamón Municipio, PR

LOCATION.--Lat 18°24'41", long 66°08'26" referenced to North American Datum of 1927, Bayamón Municipio, PR, Hydrologic Unit 21010005, 0.47 mi (0.76 km) west of Fort Buchanan main gate, 1.74 mi (2.80 km) northeast of Bayamón plaza, and 1.88 mi (3.02 km) southwest of Puerto Rico National Cemetery; Name: Buchanan Park Well, Bayamón, PR.

**GROUNDWATER RECORDS**

DATUM.--Land-surface datum is 66 ft above National Geodetic Vertical Datum of 1929. Measuring point: HOLE ON SIDE OF CASING, 0.75 ft above land-surface datum, June 30, 1986 to December 9, 2008; HOLE ON SIDE OF CASING., 1.12 ft above land-surface datum, December 10, 2008 to present.

PERIOD OF RECORD.--December 20, 1985 to current year.

REMARKS.--Observation well. Formerly a production well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.39 ft (9.57 m), below land-surface datum, September 6, 2006; lowest water level recorded, 55.67 ft (17 m), below land-surface datum, May 13, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 35.72 ft (10.89 m) below land surface on January 29, 2009. Lowest water level measured, 39.06 ft (11.91 m) below land surface datum on July 16, 2009.

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

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

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Nov 6	38.31	T	A	Apr 13	38.99	T	S
Dec 10	38.57	T	S	May 12	38.76	T	S
Jan 15	38.26	S	--	Jun 8	37.72	T	--
29	35.72	T	--	Jul 16	39.06	T	--
Feb 24	37.49	T	A	Aug 25	38.37	T	--
Mar 25	38.28	T	S	Sep 14	38.52	T	--

Water year 2009 highest: 35.72, January 29, 2009; lowest: 39.06, July 16, 2009

Period of record highest: 31.39, September 6, 2006; lowest: 47.11, February 19, 1993

Record available from December 20, 1985, to May 13, 2010; 247 entries

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