

Water-Data Report 2013

180415065513900 Local number 96. YABUCOA 7 WELL, YABUCOA, PR

Other aquifers
Quaternary System

Yabucoa Municipio, PR

LOCATION.--Lat 18°04'15", long 65°51'39" referenced to North American Datum of 1927, Yabucoa Municipio, PR, Hydrologic Unit 21010005, 2.44 mi (3.93 km) northwest of Eugenio María de Hostos School, 4.67 mi (7.52 km) southwest of Segunda Unidad Luciano School, and 3.93 mi (6.32 km) southwest of Asunción López School, Name: Yabucoa 7 Well, Yabucoa, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 25 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF SHELTER FLOOR., 4.50 ft above land-surface datum, December 11, 2008, to present.

PERIOD OF RECORD.--September 25, 1970 to current year.

PERIOD OF DAILY RECORD.--October 1, 1981 to October 20, 2002.

COOPERATION.--Funding for site provided by the Puerto Rico Environmental Quality Board and the U.S. Geological Survey.

REMARKS.--Tape-down observation well. The well has an inclination from its concrete base. Water level affected by pumping of nearby well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.00 ft (0.3 m), below land-surface datum, August 29, 2011; lowest water level recorded, 28.29 ft (8.62 m) below land-surface datum, September 20, 1980.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 2.09 ft (0.64 m), below land-surface datum, September 27; lowest water level measured, 7.34 ft (2.24 m), below land-surface datum, March 26.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[Measurement method: T, electric tape. Water-level status: S, nearby site that taps the same aquifer was being pumped.]

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Oct 30 | 5.30 | T | S | Apr 29 | 6.60 | T | S |
| Nov 30 | 4.90 | T | S | May 24 | 4.81 | T | S |
| Dec 7 | 4.59 | T | S | Jun 28 | 3.21 | T | S |
| Jan 24 | 5.75 | T | S | Jul 25 | 2.56 | T | S |
| Feb 22 | 6.42 | T | S | Aug 23 | 2.98 | T | S |
| Mar 26 | 7.34 | T | S | Sep 27 | 2.09 | T | S |

Water year 2013 highest: 2.09, September 27, 2013; lowest: 7.34, March 26, 2013

Period of record highest: 1.00, August 29, 2011; lowest: 28.29, September 20, 1980

Record available from September 25, 1970, to January 30, 2014; 329 entries

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