

182616066364100 Local number 1052. Encantado Well, Arecibo, PR

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

Arecibo Municipio, PR

LOCATION.--Lat 18°26'15.8", long 66°36'41.5" referenced to North American Datum of 1927, Arecibo Municipio, PR, Hydrologic Unit 21010002, 3 mi (4.83 km) west of the intersection of State Road 140 with Highway 2 at Cruce Dávila, 0.32 mi (0.51 km) southwest of Highway 22, 0.15 mi (0.24 km) north of Highway 2, and 0.22 mi (0.35 km) northeast of the intersection of Highway 2 with State Road 639, Name: Encantado Well, Arecibo, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 312 ft above National Geodetic Vertical Datum of 1929. Measuring point: HOLE IN HORIZONTAL STEEL PLATE, 3.15 ft above land-surface datum, August 9, 2005, to present.

PERIOD OF RECORD.--November 30, 1995 to current year.

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

REMARKS.--Observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 311.51 ft (94.94 m) below land surface datum on October 19, 2010; lowest water level recorded, 313.84 ft (95.7 m), below land-surface datum, April 3, 1998.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 311.61 ft (94.97 m) below land surface datum on November 28; lowest water level measured, 311.99 ft (95.09 m) below land surface datum on July 18.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

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

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Nov 28 | 311.61 | S | S | Jun 13 | 311.87 | T | T |
| Jan 26 | 311.90 | T | S | Jul 18 | 311.99 | T | T |
| Mar 27 | 311.80 | T | S | Aug 15 | 311.92 | T | T |
| Apr 28 | 311.84 | T | T | Sep 19 | 311.76 | T | T |
| May 29 | 311.78 | T | S | | | | |

Water year 2012 highest: 311.61 November 28, 2011; lowest: 311.99, July 18, 2012

Period of record highest: 311.51, October 19, 2010; lowest: 313.84., April 3, 1998

Record available from November 30, 1995, to April 29, 2013; 157 entries

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