



Water-Data Report 2013

175719066085500 Local number 1230. PHILPET 13 WELL, GUAYAMA, PR

South Coast aquifer (Puerto Rico)
South Coastal Plain Alluvial Aquifer

Guayama Municipio, PR

LOCATION.--Lat 17°57'20", long 66°09'02" referenced to North American Datum of 1927, Guayama Municipio, PR, Hydrologic Unit 21010004, 1 mi (1.61 km) east of the intersection of Highway 3 with State Road 707, 0.28 mi (0.45 km) south of Highway 3, and 0.25 mi (0.40 km) northwest of the Phillip Petroleum oil refinery, Name: Philpet 13 Well, Guayama, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 33 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF 4-IN CASING., 2.83 ft above land-surface datum, September 18, 2002, to present.

PERIOD OF RECORD.--September 24, 1991 to current.

PERIOD OF DAILY RECORD.--September 25, 1991 to March 12, 2002.

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

REMARKS.--Observation well used for remediation efforts in a Superfund site.

EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 9.00 ft (2.74 m), below land-surface datum November 9, 2005 and September 7, 2011; lowest water-level measured, 30.94 ft (9.43 m), below land-surface datum, September 16, 1999.

EXTREMES FOR CURRENT YEAR.--Highest water level measured 21.49 ft (6.55 m) below land-surface datum, October 5; lowest water level measured 24.29 ft (7.40 m) below land-surface datum, May 28.

**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 5	21.49	T	S	May 28	24.29	T	S
Dec 3	22.55	T	S	Jun 17	23.56	T	S
Feb 5	22.20	T	S	Jul 8	23.40	T	S
Mar 25	23.20	T	S	Aug 7	23.42	T	S
Apr 29	23.19	T	S	Sep 18	21.79	T	S

Water year 2013 highest: 21.49, October 5, 2012; lowest: 24.29, May 28, 2013

Period of record highest: 9.00, November 9, 2005, September 7, 2011; lowest: 30.94, September 16, 1999

Record available from September 24, 1991, to November 25, 2013; 245 entries

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