

Water-Data Report 2013

182531066075900 Local number 652. PIEZOMETER BLDG 652 GUAYNABO, PR

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

Guaynabo Municipio, PR

LOCATION.--Lat 18°25'31.00", long 66°06'59.72" referenced to North American Datum of 1927, Guaynabo Municipio, PR, Hydrologic Unit 21010005, 0.07 mi (0.11 km) north of Highway 22, 0.32 mi (0.32 km) southwest of the intersection of State Road 165 with State Road 28, and 1.4 mi (2.25 km) south of the Cataño ferry building, Name: Piezometer BLDG 652, Guaynabo, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 12.46 ft above National Geodetic Vertical Datum of 1929. Measuring point: MEASURING POINT CORRECTED TO LAND SURFACE INSTEAD OF CONCRETE BASE., 3.45 ft above land-surface datum, September 19, 2008, to present.

PERIOD OF RECORD.--May 14, 1997 to current year.

PERIOD OF DAILY RECORD.--May 15, 1997 to July 24, 2008; October 18 2010 to current year.

GAGE.--Submersible pressure transducer logging water levels, and data collection platform, recording values every hour.

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

REMARKS.--Recording observation well. Formerly published as Piezometer USGS Building 652. Water level affected by pumping of nearby well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.25 ft (0.68 m), below land-surface datum, August 23, 2011; lowest water level recorded, 9.97 ft (3.03 m), below land-surface datum, April 19, 2011.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 6.11 ft (1.86 m), below land-surface datum, June 13; lowest water level measured, 8.11 ft (2.47 m), below land-surface datum, March 25. Highest water level recorded, 2.30 ft (0.70 m), below land-surface datum, July 26; lowest water level recorded, 9.07 ft (2.76 m), below land-surface datum, March 31.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.38	---	---	---	---	---	8.23	7.20	6.41	5.96	7.15	7.06
2	7.33	---	---	---	---	---	8.20	7.29	6.34	6.10	7.27	7.14
3	7.39	---	---	---	---	---	8.19	7.39	6.40	5.28	7.39	6.86
4	7.50	---	---	---	---	---	8.27	7.55	6.78	5.62	7.18	6.28
5	7.48	---	---	---	---	---	8.37	7.64	6.91	6.51	7.25	5.05
6	7.47	---	---	---	---	---	8.40	7.63	6.84	6.72	7.19	6.21
7	7.61	---	---	---	---	---	8.45	7.43	6.59	6.45	6.97	6.30
8	7.66	---	---	---	---	---	8.36	7.70	6.24	6.43	6.77	6.24
9	7.47	---	---	---	---	---	8.20	6.85	6.35	6.29	6.13	6.26
10	7.61	---	---	---	---	---	7.95	7.23	6.45	5.82	6.30	6.40
11	7.53	---	---	---	---	---	7.93	6.17	6.32	6.13	6.18	6.74
12	7.00	---	---	---	---	---	7.91	6.75	6.07	6.17	5.10	5.70
13	6.53	---	---	---	---	---	7.83	6.80	6.03	5.64	6.25	6.63
14	5.15	---	---	---	---	---	7.87	6.40	6.59	6.26	6.84	3.76
15	6.34	---	---	---	---	---	7.85	6.67	6.68	6.34	7.41	7.07
16	6.29	---	---	---	---	---	7.78	6.71	6.86	6.78	7.24	6.67
17	5.68	---	---	---	---	---	8.07	6.82	6.91	7.29	7.34	6.16
18	6.02	---	---	---	---	---	8.17	6.93	6.99	5.04	7.41	6.54
19	6.06	---	---	---	---	---	8.28	6.98	6.08	6.48	6.71	6.59
20	6.39	---	---	---	---	---	8.17	6.98	6.80	7.09	6.65	6.45
21	6.60	---	---	---	---	---	7.91	6.79	7.31	6.79	6.70	6.25
22	6.79	---	---	---	---	---	7.80	3.96	6.43	5.41	6.18	6.27
23	6.28	---	---	---	---	---	7.56	6.27	5.81	6.18	5.94	6.59
24	7.03	---	---	---	---	---	7.59	6.95	4.37	6.26	6.25	6.80
25	7.29	---	---	---	---	---	7.72	6.51	5.34	6.36	6.35	7.13
26	6.76	---	---	---	---	8.19	7.69	6.46	4.61	4.34	6.35	7.26
27	6.82	---	---	---	---	8.21	7.70	6.34	3.90	5.19	6.39	7.56
28	6.68	---	---	---	---	8.16	7.66	5.77	4.94	6.01	6.66	7.76
29	6.64	---	---	---	---	8.00	7.63	6.19	5.97	6.64	6.79	7.91
30	6.78	---	---	---	---	8.06	7.47	6.36	6.44	6.71	7.02	8.13
31	---	---	---	---	---	7.99	---	5.57	---	7.08	7.09	---
Mean	---	---	---	---	---	---	7.97	6.72	6.19	6.17	6.72	6.59

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