

Water-Data Report 2012

182737066370900 Local number 204. GRIV Well, Arecibo, PR

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

Arecibo Municipio, PR

LOCATION.--Lat 18°27'36.0", long 66°37'09.3" referenced to North American Datum of 1927, Arecibo Municipio, PR, Hydrologic Unit 21010002, 5.26 mi (8.46 km) west of Barceloneta plaza, 1.58 mi (2.54 km) north of Highway 2 km 63.7, and 3.67 mi (5.90 km) southwest of Agustín Balseiro School, Name: GRIV Well, Arecibo, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 52 ft above National Geodetic Vertical Datum of 1929. Measuring point: INSTRUMENTATION TABLE ON SHELTER FLOOR., 3.06 ft above land-surface datum, August 8, 2003, to present.

PERIOD OF RECORD.--November 27, 1984 to current year.

PERIOD OF DAILY RECORD.--October 16, 1985 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 Department of Natural and Environmental Resources and the US Geological Survey.

REMARKS.--Recording observation well. Formerly published as Gilberto Rivera Well Arecibo, PR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50 ft (15.2 m), below land-surface datum, May 14, 1986; lowest water level recorded, 53.1 ft (16.2 m), below land-surface datum, January 29, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 50.13 ft (15.28 m), below land-surface datum, November 10; lowest water level measured, 51.12 ft (15.58 m), below land-surface datum, July 18. Highest water level recorded, 50.21 ft (15.30 m), below land-surface datum, February 1; lowest water level recorded, 51.19 ft (15.60 m), below land-surface datum, July 2.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	50.76	50.88	51.04	50.62	50.29	---	---	50.80	50.93	51.15	51.01	50.88
2	50.76	50.90	51.00	50.59	50.31	---	---	50.82	50.97	51.19	50.98	50.84
3	50.72	50.93	50.97	50.59	50.33	---	---	50.83	51.01	51.18	50.95	50.84
4	50.71	50.93	50.94	50.59	50.32	---	50.87	50.82	51.02	51.16	50.94	50.87
5	50.73	50.95	50.90	50.57	50.35	---	50.87	50.83	51.01	51.09	50.95	50.88
6	50.76	50.94	50.88	50.58	50.35	---	50.89	50.82	51.01	51.03	50.95	50.93
7	50.80	50.92	50.88	50.53	50.36	---	50.89	50.79	51.00	50.99	50.95	50.96
8	50.76	51.02	50.87	50.53	50.37	---	50.90	50.77	50.98	50.96	50.96	50.97
9	50.76	51.07	50.87	50.51	50.39	---	50.90	50.75	50.93	50.94	50.98	50.98
10	50.77	51.11	50.89	50.51	50.40	---	50.89	50.72	50.91	50.95	51.02	50.98
11	50.82	51.10	50.96	50.52	50.42	---	50.85	50.69	50.91	50.99	51.04	50.98
12	50.83	51.11	51.00	50.54	50.42	---	50.83	50.69	50.93	51.00	51.04	50.94
13	50.86	51.11	51.01	50.55	50.41	---	50.83	50.73	50.95	51.01	51.05	50.91
14	50.86	51.11	50.99	50.53	50.42	---	50.86	50.75	50.99	51.02	51.02	50.88
15	50.88	51.10	50.96	50.52	---	---	50.84	50.76	51.02	51.07	51.01	50.84
16	50.86	51.08	50.91	50.51	---	---	50.88	50.80	51.03	51.11	50.93	50.82
17	50.87	51.07	50.88	50.47	---	---	50.89	50.83	51.03	51.12	50.90	50.81
18	50.90	51.06	50.86	50.49	---	---	50.89	50.86	51.02	---	50.86	50.80
19	50.95	51.04	50.79	50.52	---	---	50.89	50.87	51.05	51.10	50.86	50.81
20	50.94	51.02	50.72	50.54	---	---	50.91	50.89	51.06	51.08	50.86	50.85
21	50.92	50.98	50.67	50.49	---	---	50.91	50.92	51.07	51.03	50.87	50.87
22	50.90	50.93	50.67	50.45	---	---	50.88	50.94	51.06	51.02	50.88	50.93
23	50.91	50.88	50.66	50.43	---	---	50.85	50.92	51.04	51.04	50.84	50.96
24	50.91	50.86	50.64	50.43	---	---	50.84	50.92	51.04	51.05	50.91	50.96
25	50.90	50.85	50.62	50.40	---	---	50.84	50.93	51.02	51.06	50.85	50.95
26	50.90	50.91	50.64	50.39	---	---	50.77	50.92	50.99	51.09	50.88	50.92
27	50.92	50.98	50.66	50.36	---	---	50.76	50.88	51.00	51.10	50.93	50.89
28	50.92	51.04	50.65	50.36	---	---	50.78	50.88	51.02	51.14	50.98	50.85
29	50.94	51.07	50.65	50.33	---	---	50.79	50.90	51.06	51.16	50.95	50.81
30	50.93	51.08	50.65	50.33	---	---	50.78	50.88	51.11	51.11	50.92	50.83
31	50.91	---	50.63	50.31	---	---	---	50.89	---	51.08	50.90	---
Mean	50.85	51.00	50.82	50.49	---	---	---	50.83	51.01	---	50.94	50.89

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