

Water-Data Report 2011

182530066135400 Local number 216. Campanilla Navy Well, Toa Baja, PR

North Coast Limestone aquifer system (Puerto Rico)
Undefined Aquifer

Toa Baja Municipio, PR

LOCATION.--Lat 18°25'28.1", long 66°13'55.4" referenced to North American Datum of 1927, Toa Baja Municipio, PR, Hydrologic Unit 21010005, 2.61 mi (4.20 km) northeast of Toa Alta plaza and 2.73 mi (4.39 km) southwest of Sabana Seca US Naval Radio Station, Name: Campanilla Navy Well, Toa Baja, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF SHELTER FLOOR., 3.27 ft above land-surface datum, August 6, 2001, to present.

PERIOD OF RECORD.--August 11, 1976 to current year.

PERIOD OF DAILY RECORD.--October 1, 1985 to September 13, 2009. Continued daily record in the current year.

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

REMARKS.--Recording observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.99 ft (2.43 m), below land-surface datum, October 8, 2010; lowest water level recorded, 18.4 ft (5.61 m), below land-surface datum, September 24, 1994.

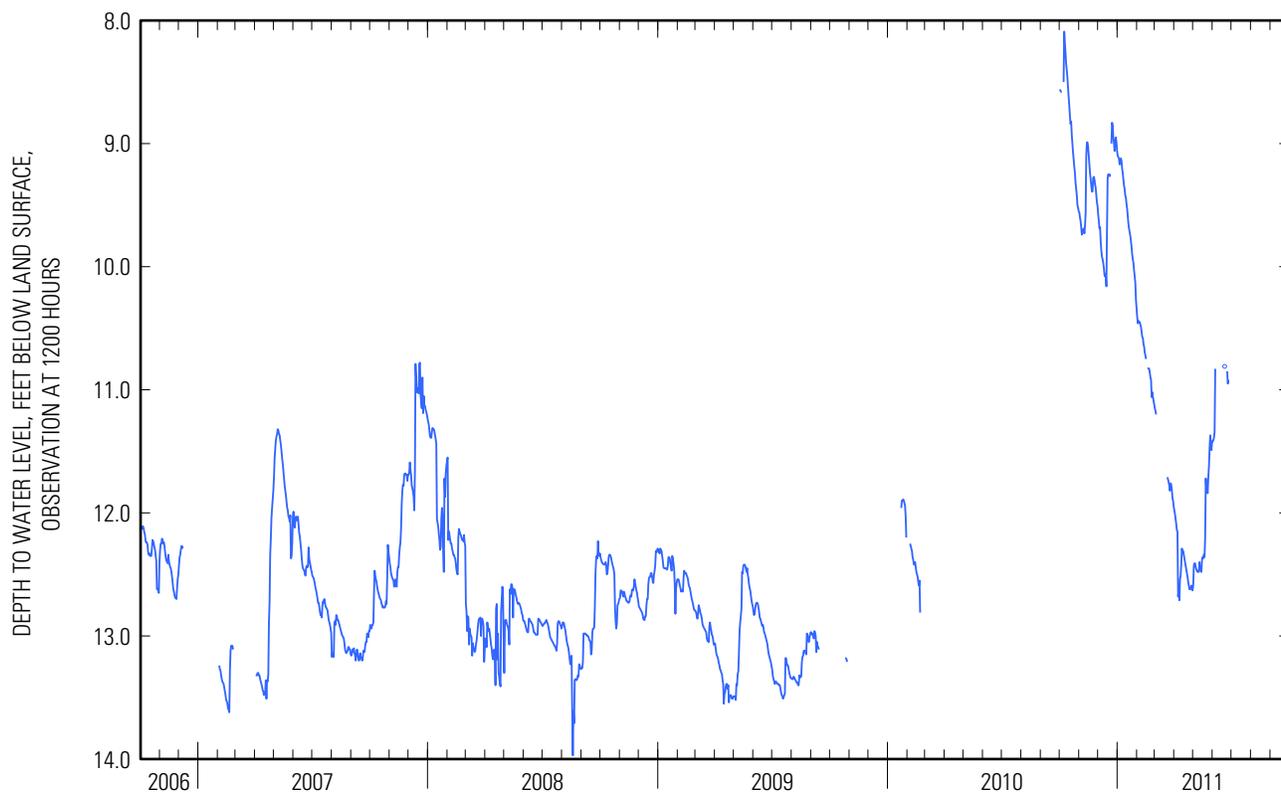
EXTREMES FOR CURRENT YEAR.--Highest water level measured, 9.02 ft (2.75 m), below land-surface datum, September 30; lowest water level measured, 12.49 ft (3.80 m), below land-surface datum, April 26. Highest water level recorded, 7.99 ft (2.43 m), below land-surface datum, October 8; lowest water level recorded, 13.69 ft (4.17 m), below land-surface datum, April 11.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.56	9.56	9.58	9.10	10.41	11.15	11.98	12.59	11.42	---	---	---
2	8.57	9.60	9.63	9.11	10.46	11.17	12.01	12.43	11.41	---	---	---
3	8.58	9.63	9.69	9.12	10.44	11.20	12.05	12.41	11.39	---	---	---
4	8.58	9.68	9.68	9.17	10.45	---	12.09	12.41	11.34	---	---	---
5	---	9.74	9.80	9.15	10.45	---	12.14	12.44	10.83	---	---	---
6	---	9.72	9.87	9.12	10.47	---	12.15	12.46	---	---	---	---
7	8.50	9.70	9.92	9.14	10.49	---	12.68	12.47	---	---	---	---
8	8.09	9.69	9.94	9.20	10.53	---	12.62	12.48	---	---	---	---
9	8.18	9.73	9.97	9.24	10.57	---	12.71	12.47	---	---	---	---
10	8.26	9.67	10.01	9.29	10.58	---	12.54	12.48	---	---	---	---
11	8.35	9.57	10.07	9.34	10.63	---	12.51	12.40	---	---	---	---
12	8.40	9.10	10.08	9.37	10.65	---	12.42	12.46	---	---	---	---
13	8.46	8.99	10.06	9.42	10.70	---	12.29	12.46	---	---	---	---
14	8.54	8.99	10.16	9.44	10.72	---	12.32	12.48	---	---	---	---
15	8.62	9.03	9.70	9.49	10.75	---	12.31	12.38	---	---	---	---
16	8.69	9.10	9.28	9.53	---	---	12.34	12.36	---	---	---	---
17	8.77	9.17	9.25	9.59	---	---	12.37	12.37	---	---	---	---
18	8.84	9.24	9.26	9.65	10.82	---	12.40	12.34	---	---	---	---
19	8.82	9.29	9.25	9.69	10.83	---	12.43	12.36	---	---	---	---
20	8.93	9.34	9.27	9.72	10.83	---	12.46	12.19	10.81	---	---	---
21	9.00	9.39	---	9.75	10.86	11.71	12.49	11.72	---	---	---	---
22	9.07	9.39	9.00	9.79	10.90	11.73	12.52	11.81	---	---	---	11.04
23	9.13	9.28	8.83	9.84	10.92	11.75	12.56	11.80	---	---	---	11.06
24	9.19	9.27	8.85	9.90	11.06	11.78	12.59	11.84	10.85	---	---	11.03
25	9.24	9.29	8.95	9.94	11.02	11.82	12.62	11.71	10.95	---	---	11.07
26	9.32	9.33	8.99	9.97	11.06	11.76	12.61	11.62	10.92	---	---	11.09
27	9.37	9.36	9.06	10.03	11.09	11.77	12.62	11.48	---	---	---	11.13
28	9.42	9.42	8.99	10.08	11.12	11.81	12.59	11.37	---	---	---	11.10
29	9.50	9.48	8.95	10.13	---	11.88	12.61	11.42	---	---	---	11.05
30	9.52	9.51	8.99	10.27	---	11.90	12.63	11.49	---	---	---	11.01
31	9.55	---	9.06	10.34	---	11.95	---	11.42	---	---	---	---
Mean	---	9.41	---	9.58	---	---	12.42	12.13	---	---	---	---

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**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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

Date	Water level	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Apr 26	12.49	T	S	Jul 13	10.00	T	S
May 19	12.22	T	S	Aug 30	9.02	T	S
Jun 28	10.45	T	S	Sep 21	9.63	T	S

Water year 2011 highest: 9.02, August 30, 2011; lowest: 12.49, April 26, 2011
 Period of record highest: 8.96, November 1, 2005; lowest: 18.0, August 11, 1976
 Record available from August 11, 1976, to December 28, 2011; 236 entries

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