

Water-Data Report 2012

180132067033800 Local number 143. Vivoni-Colonia Amistad Well, Lajas, PR

Other aquifers
Lajas Vallay

Lajas Municipio, PR

LOCATION.--Lat 18°01'33", long 67°03'25" referenced to North American Datum of 1927, Lajas Municipio, PR, Hydrologic Unit 21010003, 1.86 mi (2.99 km) south of Lajas plaza, 1.27 mi (2.04 km) southeast of the Lajas Experimental Station, and 1.3 mi (2.09 km) northwest of the intersection of State Road 116 with State Road 305; Name: Vivoni-Colonia Amistad Well, Lajas, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 52.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF OPEN-HOLE INSIDE OF SHELTER, 2.96 ft above land-surface datum, March 24, 2010, to present.

PERIOD OF RECORD.--December 1981 to current year.

PERIOD OF DAILY RECORD.--October 1, 1984 to December 4, 2002, discontinued. October 20, 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 U.S. Geological Survey.

REMARKS.--Recording observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water-level recorded, 35.79 ft (10.91 m) below land surface datum on December 18, 2008; lowest water-level measured, 41.17 ft (12.55 m) below land-surface datum, July 7, 1987.

EXTREMES FOR CURRENT YEAR.--Highest water-level measured, 37.83 ft (11.53 m), below land-surface datum, May 22; lowest water-level measured, 38.71 ft (11.80 m), below land-surface datum, February 27. Highest water level recorded, 37.66 ft (11.48 m), below land-surface datum, May 4; lowest water level recorded, 38.80 ft (11.83 m), below land-surface datum, March 6 and 7.

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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	38.73	38.60	38.26	38.29	38.51	38.70	38.64	37.97	37.98	---	---	---
2	38.69	38.61	38.25	38.27	38.50	38.70	38.64	37.90	38.00	---	---	---
3	38.68	38.60	38.25	38.28	38.51	38.70	38.65	37.84	38.01	---	---	---
4	38.68	38.59	38.21	38.29	38.52	38.73	38.66	37.81	38.02	---	---	---
5	38.68	38.60	38.20	38.28	38.53	38.76	38.66	37.74	38.05	---	---	---
6	38.67	38.60	38.20	38.30	38.55	38.78	38.66	37.78	38.10	---	---	---
7	38.66	38.62	38.22	38.32	38.55	38.79	38.68	37.82	38.12	---	---	---
8	38.64	38.60	38.24	38.34	38.55	38.77	38.67	37.84	38.11	---	---	---
9	38.62	38.53	38.23	38.33	38.57	38.76	38.63	37.76	38.11	---	---	---
10	38.60	38.52	38.19	38.32	38.58	38.75	38.65	37.72	38.13	---	---	---
11	38.58	38.53	38.17	38.33	38.57	38.77	38.65	37.72	38.13	---	---	---
12	38.58	38.54	38.19	38.35	38.58	38.71	38.65	37.77	38.15	---	---	---
13	38.57	38.53	38.17	38.38	38.57	38.70	38.66	37.79	---	---	---	---
14	38.55	38.52	38.15	38.39	38.60	38.70	38.67	37.82	---	---	---	---
15	38.54	38.48	38.16	38.41	38.60	38.71	38.66	37.84	---	---	---	---
16	38.54	38.45	38.19	38.41	38.59	38.71	38.66	37.80	---	---	---	---
17	38.55	38.43	38.20	38.40	38.57	38.71	38.68	37.76	---	---	---	---
18	38.53	38.43	38.19	38.39	38.58	38.71	38.67	37.74	---	---	---	---
19	38.50	38.43	38.20	38.40	38.61	38.69	38.63	37.76	---	---	---	---
20	38.50	38.39	38.22	38.40	38.63	38.69	38.51	37.80	---	---	---	---
21	38.53	38.38	38.23	38.42	38.65	38.70	38.41	37.85	---	---	---	---
22	38.56	38.40	38.25	38.43	38.65	38.69	38.37	37.87	---	---	---	---
23	38.49	38.38	38.26	38.43	38.66	38.65	38.34	37.90	---	---	---	---
24	38.47	38.36	38.26	38.44	38.68	38.64	38.28	37.93	---	---	---	---
25	38.52	38.34	38.28	38.45	38.67	38.64	38.21	37.91	---	---	---	---
26	38.51	38.30	38.26	38.45	38.69	38.64	38.11	37.88	---	---	---	---
27	38.48	38.25	38.27	38.47	38.71	38.64	38.05	37.88	---	---	---	---
28	38.62	38.23	38.28	38.49	38.70	38.64	37.97	37.88	---	---	---	---
29	38.64	38.20	38.27	38.50	38.70	38.64	37.96	37.91	---	---	---	---
30	38.64	38.21	38.27	38.50	---	38.68	37.96	37.92	---	---	---	---
31	38.61	---	38.29	38.50	---	38.67	---	37.94	---	---	---	---
Mean	38.59	38.45	38.23	38.39	38.60	38.70	38.49	37.83	---	---	---	---

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