



Water-Data Report 2008

**182422067015100 Local number 165. Saltos 1 Well, Isabela, PR**

North Coast Limestone aquifer system (Puerto Rico)

North Coast Limestone Aquifer, Upper

Isabela Municipio, PR

LOCATION.--Lat 18°24'22.1", long 67°01'51.0" referenced to North American Datum of 1927, Isabela Municipio, PR, Hydrologic Unit 21010002, 5.6 mi (9.01 km) northeast of Moca plaza, 4.7 mi (7.56 km) southeast of Aguadilla US Naval Reservation radio antenna, and 1.63 mi (2.62 km) northwest of La Virgen del Rosario Church, Name: Saltos 1 Well, Isabela, PR.

GROUNDWATER RECORDS

DATUM.--Land-surface datum is 689 ft above National Geodetic Vertical Datum of 1929. Measuring point: HOLE ON STEEL BASE, 0.50 ft above land-surface datum, October 6, 1988, to present.

PERIOD OF RECORD.--January 1982 to March 1985, November 1985 to September 18, 2008, discontinued.

GAGE.--Pressure transducer with integrated electronic water level logger recording at 60-minute intervals.

REMARKS.--Recording observation well. Well in use since March 3, 2007.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 35.17 ft (10.7 m) below land surface datum on June 6, 2002. Lowest water level measured, 71.36 ft (21.75 m) below land surface datum on April 28 and May 19, 20, 2008.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 69.38 ft (21.15 m) below land surface datum on October 1, 2007. Lowest water level measured, 71.36 ft (21.75 m) below land surface datum on April 28 and May 19, 20, 2008.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY OBSERVATION AT 1200 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	69.39	70.06	70.37	70.63	70.92	71.10	71.30	71.31	71.30	71.30	71.10	71.06
2	69.42	70.08	70.39	70.64	70.93	71.10	71.31	71.31	71.29	71.30	71.11	71.03
3	69.45	70.08	70.39	70.66	70.95	71.12	71.32	71.31	71.28	71.26	71.12	71.00
4	69.47	70.08	70.37	70.68	70.97	71.13	71.32	71.32	71.27	71.22	71.11	70.99
5	69.52	70.09	70.38	70.68	70.98	71.14	71.32	71.33	71.24	71.20	71.11	71.00
6	69.55	70.12	70.41	70.68	70.99	71.14	71.30	71.32	71.23	71.20	71.10	70.98
7	69.58	70.12	70.41	70.68	70.98	71.16	71.28	71.31	71.22	71.20	71.10	70.98
8	69.60	70.13	70.40	70.68	70.98	71.18	71.28	71.31	71.21	71.20	71.10	70.99
9	69.60	70.13	70.41	70.67	70.97	71.18	71.30	71.32	71.21	71.20	71.11	71.00
10	69.62	70.15	70.41	70.68	70.97	71.19	71.30	71.33	71.22	71.20	71.13	71.00
11	69.63	70.16	70.37	70.70	70.98	71.18	71.31	71.32	71.22	71.20	71.14	71.00
12	69.66	70.18	70.39	70.72	70.98	71.19	71.33	71.33	71.22	71.20	71.14	70.98
13	69.68	70.18	70.41	70.74	70.99	71.19	71.34	71.34	71.22	71.19	71.13	70.98
14	69.70	70.18	70.42	70.77	71.00	71.19	71.34	71.33	71.22	71.18	71.14	71.00
15	69.73	70.18	70.42	70.78	71.00	71.20	71.33	71.33	71.23	71.18	71.12	71.01
16	69.75	70.19	70.43	70.81	71.00	71.21	71.33	71.35	71.26	71.18	71.13	71.02
17	69.78	70.21	70.45	70.82	70.99	71.23	71.34	71.34	71.27	71.18	71.11	71.02
18	69.82	70.22	70.47	70.83	71.02	71.24	71.35	71.34	71.26	71.19	71.12	---
19	69.85	70.22	70.47	70.83	71.05	71.24	71.35	71.36	71.25	71.20	71.12	---
20	69.89	70.23	70.47	70.83	71.06	71.24	71.34	71.36	71.25	71.21	71.12	---
21	69.93	70.25	70.48	70.84	71.06	71.24	71.35	71.34	71.27	71.21	71.11	---
22	69.94	70.27	70.50	70.85	71.06	71.23	71.34	71.34	71.27	71.20	71.11	---
23	69.96	70.27	70.52	70.84	71.06	71.23	71.33	71.34	71.28	71.19	71.10	---
24	69.96	70.28	70.53	70.86	71.06	71.25	71.31	71.34	71.29	71.18	71.10	---
25	69.97	70.31	70.55	70.87	71.06	71.27	71.32	71.31	71.28	71.18	71.10	---
26	69.98	70.33	70.56	70.88	71.06	71.27	71.34	71.29	71.28	71.16	71.10	---
27	70.01	70.33	70.58	70.88	71.08	71.25	71.35	71.30	71.28	71.14	71.10	---
28	70.04	70.32	70.60	70.87	71.11	71.25	71.36	71.32	71.29	71.14	71.08	---
29	70.06	70.32	70.60	70.89	71.11	71.25	71.35	71.32	71.30	71.14	71.06	---
30	70.05	70.36	70.60	70.92	---	71.27	71.32	71.31	71.30	71.12	71.05	---
31	70.05	---	70.62	70.92	---	71.28	---	71.30	---	71.10	71.06	---
<b>Mean</b>	69.76	70.20	70.46	70.78	71.01	71.20	71.33	71.33	71.26	71.19	71.11	---

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