Water-Data Report 2012

50020550 LAGO ADJUNTAS NEAR ADJUNTAS, PR

RIO GRANDE DE ARECIBO BASIN

LOCATION.--Lat 18°12′06″, long 66°43′57″ referenced to North American Datum of 1927, Lares Municipio, PR, Hydrologic Unit 21010002, on west side of State Road 123, and about 2.6 mi (4.16 km) north west of the town of Adjuntas, 1.21 mi (1.94 km) north east of Capáez School, and 1.98 mi (3.14 km) south west of Pellejas Hoyo School.

DRAINAGE AREA.--14.7 mi^2, (38.7 km^2) this does not include 6.0 mi^2 (15.6 km) above Lago Garzas.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 28, 2004 to current year.

GAGE.--Non-contact water stage radar sensor coupled to a data collector platform, satellite and radio telemetry at station. Datum of gage is mean sea level.

COOPERATION.--Puerto Rico Electric Power Authority, (PREPA).

REMARKS.--The massive concrete dam was completed in 1950 as part of the Caonillas hydroelectric system. It can provide an average of 41.385 acre-ft (50,614 hm^3) per year for hydrogeneration in Caonillas.

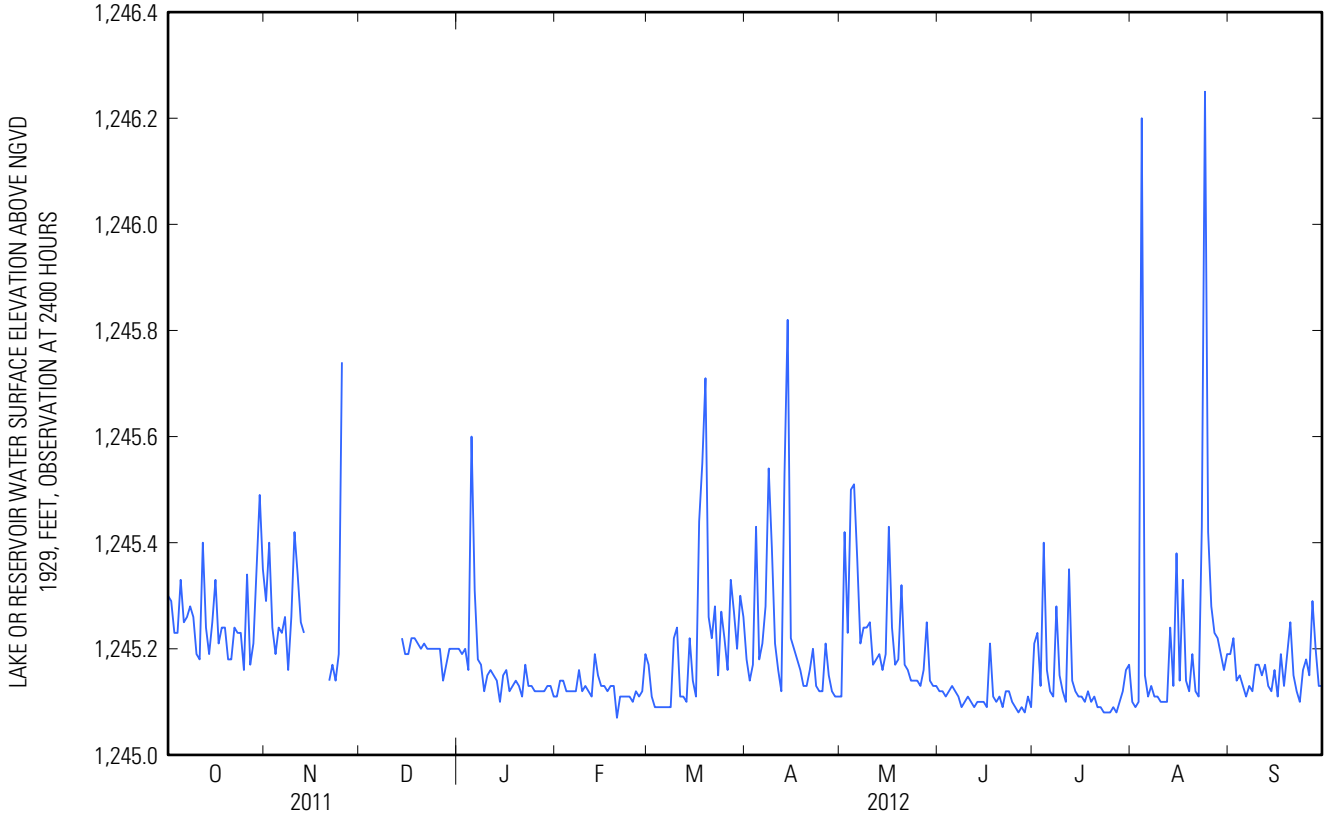
EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 1,254.27 ft (382.30 m), September 22, 2008; minimum elevation, 1,212.28 ft (369.5 m), July 19, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,249.88 ft (380.96 m), March 19; minimum elevation, 1,245.00 ft (379.48 m), March 4, June 27, 28.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 50020550, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/50020550.2012.pdf

50020550 LAGO ADJUNTAS NEAR ADJUNTAS, PR—Continued

LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 2400 HOURS
[A, No gage-height record]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,245.30	1,245.29	A	1,245.20	1,245.11	1,245.17	1,245.18	1,245.11	1,245.12	1,245.21	1,245.10	1,245.19
2	1,245.29	1,245.40	A	1,245.19	1,245.14	1,245.11	1,245.14	1,245.42	1,245.12	1,245.23	1,245.09	1,245.22
3	1,245.23	1,245.24	A	1,245.20	1,245.14	1,245.09	1,245.17	1,245.23	1,245.11	1,245.13	1,245.10	1,245.14
4	1,245.23	1,245.19	A	1,245.16	1,245.12	1,245.09	1,245.43	1,245.50	1,245.12	1,245.40	1,246.20	1,245.15
5	1,245.33	1,245.24	A	1,245.60	1,245.12	1,245.09	1,245.18	1,245.51	1,245.13	1,245.16	1,245.15	1,245.13
6	1,245.25	1,245.23	A	1,245.31	1,245.12	1,245.09	1,245.21	1,245.37	1,245.12	1,245.12	1,245.11	1,245.11
7	1,245.26	1,245.26	A	1,245.18	1,245.12	1,245.09	1,245.28	1,245.21	1,245.11	1,245.11	1,245.13	1,245.13
8	1,245.28	1,245.16	A	1,245.17	1,245.16	1,245.09	1,245.54	1,245.24	1,245.09	1,245.28	1,245.11	1,245.12
9	1,245.26	1,245.26	A	1,245.12	1,245.12	1,245.22	1,245.39	1,245.24	1,245.10	1,245.15	1,245.11	1,245.17
10	1,245.19	1,245.42	A	1,245.15	1,245.13	1,245.24	1,245.21	1,245.25	1,245.11	1,245.12	1,245.10	1,245.17
11	1,245.18	1,245.34	A	1,245.16	1,245.12	1,245.11	1,245.16	1,245.17	1,245.10	1,245.10	1,245.10	1,245.15
12	1,245.40	1,245.25	A	1,245.15	1,245.11	1,245.11	1,245.12	1,245.18	1,245.09	1,245.35	1,245.10	1,245.17
13	1,245.24	1,245.23	A	1,245.14	1,245.19	1,245.10	1,245.53	1,245.19	1,245.10	1,245.14	1,245.24	1,245.13
14	1,245.19	A	1,245.22	1,245.10	1,245.15	1,245.22	1,245.82	1,245.16	1,245.10	1,245.12	1,245.13	1,245.12
15	1,245.25	A	1,245.19	1,245.15	1,245.13	1,245.14	1,245.22	1,245.19	1,245.10	1,245.11	1,245.38	1,245.16
16	1,245.33	A	1,245.19	1,245.16	1,245.13	1,245.11	1,245.20	1,245.43	1,245.09	1,245.11	1,245.14	1,245.11
17	1,245.21	A	1,245.22	1,245.12	1,245.12	1,245.44	1,245.18	1,245.24	1,245.21	1,245.10	1,245.33	1,245.19
18	1,245.24	A	1,245.22	1,245.13	1,245.13	1,245.55	1,245.16	1,245.17	1,245.11	1,245.12	1,245.14	1,245.13
19	1,245.24	A	1,245.21	1,245.14	1,245.13	1,245.71	1,245.13	1,245.18	1,245.10	1,245.10	1,245.12	1,245.19
20	1,245.18	A	1,245.20	1,245.13	1,245.07	1,245.26	1,245.13	1,245.32	1,245.11	1,245.11	1,245.19	1,245.25
21	1,245.18	1,245.14	1,245.21	1,245.11	1,245.11	1,245.22	1,245.16	1,245.17	1,245.09	1,245.09	1,245.12	1,245.15
22	1,245.24	1,245.17	1,245.20	1,245.17	1,245.11	1,245.28	1,245.20	1,245.16	1,245.12	1,245.09	1,245.11	1,245.12
23	1,245.23	1,245.14	1,245.20	1,245.13	1,245.11	1,245.15	1,245.13	1,245.14	1,245.12	1,245.08	1,245.43	1,245.10
24	1,245.23	1,245.19	1,245.20	1,245.13	1,245.11	1,245.27	1,245.12	1,245.14	1,245.10	1,245.08	1,246.25	1,245.16
25	1,245.16	1,245.74	1,245.20	1,245.12	1,245.10	1,245.22	1,245.12	1,245.14	1,245.09	1,245.08	1,245.42	1,245.18
26	1,245.34	A	1,245.20	1,245.12	1,245.12	1,245.16	1,245.21	1,245.13	1,245.08	1,245.09	1,245.28	1,245.15
27	1,245.17	A	1,245.14	1,245.12	1,245.11	1,245.33	1,245.15	1,245.16	1,245.09	1,245.08	1,245.23	1,245.29
28	1,245.21	A	1,245.17	1,245.12	1,245.12	1,245.27	1,245.12	1,245.25	1,245.08	1,245.10	1,245.22	1,245.20
29	1,245.35	A	1,245.20	1,245.13	1,245.19	1,245.20	1,245.11	1,245.14	1,245.11	1,245.12	1,245.19	1,245.13
30	1,245.49	A	1,245.20	1,245.13	---	1,245.30	1,245.11	1,245.13	1,245.09	1,245.16	1,245.16	1,245.13
31	1,245.35	---	1,245.20	1,245.11	---	1,245.26	---	1,245.13	---	1,245.17	1,245.19	---
Mean	1,245.26	---	---	1,245.16	1,245.12	1,245.22	1,245.23	1,245.23	1,245.11	1,245.14	1,245.25	1,245.16

50020550 LAGO ADJUNTAS NEAR ADJUNTAS, PR—Continued