Water-Data Report 2013

50106850 LAGO COAMO NEAR LOS LLANOS, PR

RIO COAMO BASIN

LOCATION.--Lat 18°00′59″, long 66°23′26″ referenced to North American Datum of 1927, Coamo Municipio, PR, Hydrologic Unit 21010004, on left bank, 5.05 mi (8.13 km) southwest of Coamo town Church, 3.8 mi (6.11 km) west Río Jueyes School, and 2.75 mi (4.40 km) south from Santaella School left of Las Marías on State Road 14.

DRAINAGE AREA.--66.6 mi^2, (172.5 km^2).

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 2004 to current year.

GAGE.--Water-stage recorder, satellite and radio telemetry at station. Datum of gage is mean sea level.

COOPERATION.--Puerto Rico Electrical Power Authority (PREPA).

REMARKS.--Lago Coamo was completed in 1914 by Puerto Rico Irrigation Service. It is an Ambursen type concrete dam 65 ft (19.8 m) in height with a maximum storage capacity of 2,827 acre-ft (3.46 hm^3), but accumulated sediments has reduced its capacity to about 80 acre-ft (0.097 hm^3) (estimated). Actually the dam is been dredge to recover some 800 acre-ft (0.978 hm^3) to be used for domestic water supply.

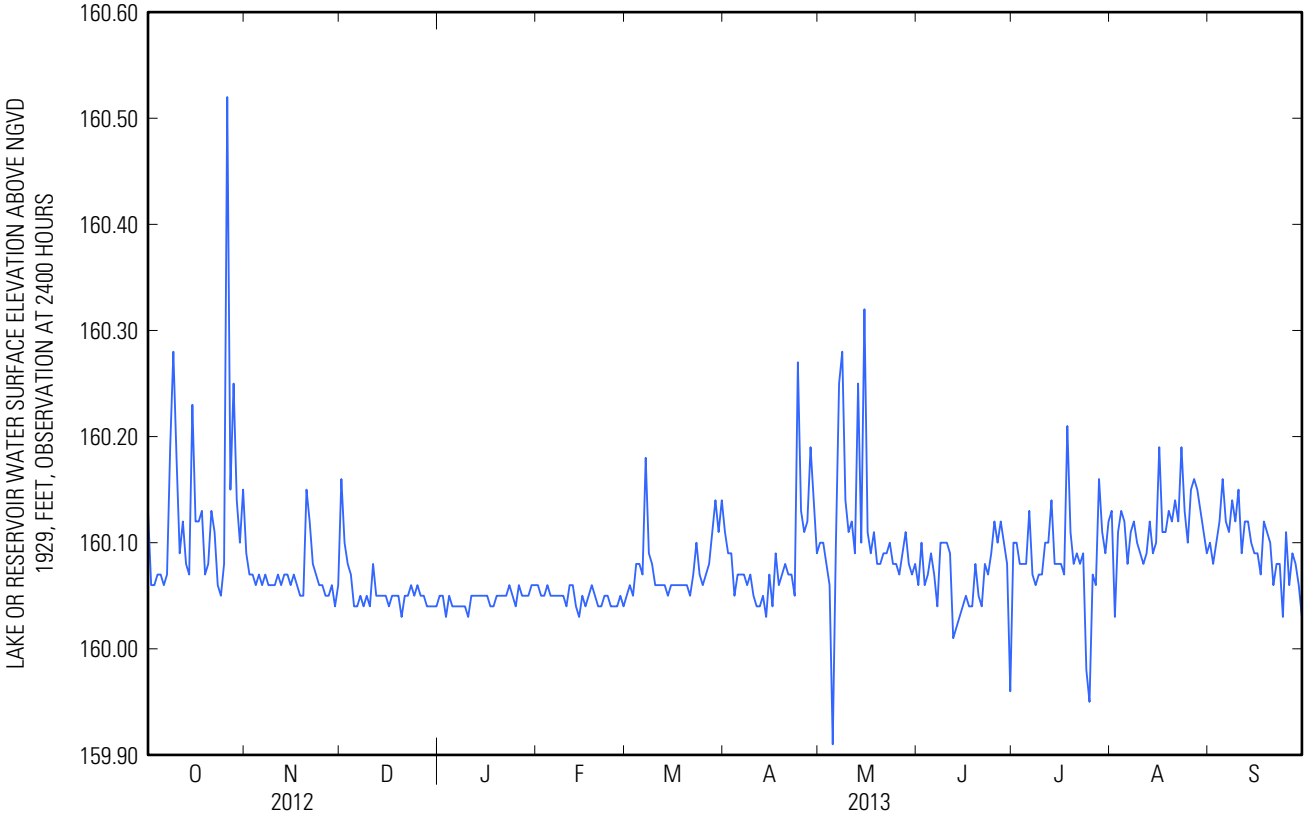
EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 172.27 ft (52.51 m), August 23, 2011; minimum elevation, 159.44 ft (48.60 m), June 24, 2005

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 160.74 ft (48.99 m), October 26; minimum elevation, 159.81 ft (48.71 m), May 5 and July 25.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 50106850, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/50106850.2013.pdf

50106850 LAGO COAMO NEAR LOS LLANOS, PR—Continued

LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	160.13	160.09	160.16	160.05	160.06	160.05	160.11	160.10	160.06	160.10	160.13	160.10
2	160.06	160.07	160.10	160.05	160.05	160.06	160.09	160.10	160.10	160.10	160.03	160.08
3	160.06	160.07	160.08	160.03	160.05	160.05	160.09	160.08	160.06	160.08	160.11	160.10
4	160.07	160.06	160.07	160.05	160.06	160.08	160.05	160.06	160.07	160.08	160.13	160.12
5	160.07	160.07	160.04	160.04	160.05	160.08	160.07	159.91	160.09	160.08	160.12	160.16
6	160.06	160.06	160.04	160.04	160.05	160.07	160.07	160.10	160.07	160.13	160.08	160.12
7	160.07	160.07	160.05	160.04	160.05	160.18	160.07	160.25	160.04	160.07	160.11	160.11
8	160.19	160.06	160.04	160.04	160.05	160.09	160.06	160.28	160.10	160.06	160.12	160.14
9	160.28	160.06	160.05	160.04	160.05	160.08	160.07	160.14	160.10	160.07	160.10	160.12
10	160.18	160.06	160.04	160.03	160.04	160.06	160.05	160.11	160.10	160.07	160.09	160.15
11	160.09	160.07	160.08	160.05	160.06	160.06	160.04	160.12	160.09	160.10	160.08	160.09
12	160.12	160.06	160.05	160.05	160.06	160.06	160.04	160.09	160.01	160.10	160.09	160.12
13	160.08	160.07	160.05	160.05	160.04	160.06	160.05	160.25	160.02	160.14	160.12	160.12
14	160.07	160.07	160.05	160.05	160.03	160.05	160.03	160.10	160.03	160.08	160.09	160.10
15	160.23	160.06	160.05	160.05	160.05	160.06	160.07	160.32	160.04	160.08	160.10	160.09
16	160.12	160.07	160.04	160.05	160.04	160.06	160.04	160.11	160.05	160.08	160.19	160.09
17	160.12	160.06	160.05	160.04	160.05	160.06	160.09	160.09	160.04	160.07	160.11	160.07
18	160.13	160.05	160.05	160.04	160.06	160.06	160.06	160.11	160.04	160.21	160.11	160.12
19	160.07	160.05	160.05	160.05	160.05	160.06	160.07	160.08	160.08	160.11	160.13	160.11
20	160.08	160.15	160.03	160.05	160.04	160.06	160.08	160.08	160.05	160.08	160.12	160.10
21	160.13	160.12	160.05	160.05	160.04	160.05	160.07	160.09	160.04	160.09	160.14	160.06
22	160.11	160.08	160.05	160.05	160.05	160.07	160.07	160.09	160.08	160.08	160.12	160.08
23	160.06	160.07	160.06	160.06	160.05	160.10	160.05	160.10	160.07	160.09	160.19	160.08
24	160.05	160.06	160.05	160.05	160.04	160.07	160.27	160.08	160.09	159.98	160.13	160.03
25	160.08	160.06	160.06	160.04	160.04	160.06	160.13	160.08	160.12	159.95	160.10	160.11
26	160.52	160.05	160.05	160.06	160.04	160.07	160.11	160.07	160.10	160.07	160.15	160.06
27	160.15	160.05	160.05	160.05	160.05	160.08	160.12	160.09	160.12	160.06	160.16	160.09
28	160.25	160.06	160.04	160.05	160.04	160.11	160.19	160.11	160.10	160.16	160.15	160.08
29	160.14	160.04	160.04	160.05	---	160.14	160.14	160.08	160.08	160.11	160.13	160.06
30	160.10	160.06	160.04	160.06	---	160.11	160.09	160.07	159.96	160.09	160.11	160.03
31	160.15	---	160.04	160.06	---	160.14	---	160.08	---	160.12	160.09	---
Mean	160.13	160.07	160.05	160.05	160.05	160.08	160.08	160.11	160.07	160.09	160.12	160.10

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