

133120144505471 Local number GHURA-Dededo, Guam

LOCATION.--Lat 13°31'27.3", long -144°50'59.7" referenced to North American Datum of 1983, Guam County.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled basal groundwater monitoring well. Hole diameter 12 inches. Casing material PVC. Casing diameter 5 inches. Sounded depth 785 feet (2006). Drilled depth 785 feet.

DATUM.--Land-surface is 393 feet above mean sea level. Measuring point: top of pvc casing, marked, 395.87 feet above mean sea level.

PERIOD OF RECORD.--1998, 2000 to current year.

PERIOD OF DAILY RECORD.--May 2004 to February 2005, and June 2010 to January 2011.

EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 4.25 feet above mean sea level, June 24, 2004; lowest water level measured, 1.0 feet above mean sea level, May 15, 2001.

**WATER SURFACE ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Jan 12	3.91	S	--	Jul 23	3.99	S	--

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

Specific-conductance profiles using a conductivity-temperature-pressure sensor (CTD): 2000 to present. Unpublished records available upon request.

Fixed-depth specific-conductance continuous record data, May 2004 to February 2005, as part of the Northern Guam Lens Groundwater Monitoring study.

Discrete-depth sampling, analysis for specific conductance and chloride concentration: 1979-1996. Unpublished records available upon request.

Fluid-resistivity profiles: 1982 to 1984. Unpublished records available upon request.

INSTRUMENTATION.--Water-quality monitor with recorder set to approximately 1-second recording interval. Monitor is trolled over the total depth of the well.

REMARKS.-- Two specific-conductance profiles were measured during the water year 2013; one at the end of the wet season on January 12, 2013, and one at the end of the dry season on July 23, 2013..

The CTD specific-conductance measurements are checked against standards. The specific-conductance measurements in the profiles have not been adjusted based on the check measurements, however, the data are available to make adjustments.

Depth is measured using a combination of a marked and calibrated cable and pressure readings from the CTD.

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