



Water-Data Report 2011

215901159235201 Local number 2-5923-07, Kilohana W-I, Kauai, HI

Hawaii volcanic-rock aquifers
Koloa Volcanic Series, Lava Flows

LOCATION.--Lat 21°58'47.0", long 159°23'36.1" referenced to North American Datum of 1983, Kauai County, HI, Hydrologic Unit 20070000, 4.2 miles northwest of Ninini Point and 3.4 miles west from Lihue Airport terminal.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled water-table well, depth 200 feet, 12-inch casing diameter, cased to 200 feet.

DATUM.--Land-surface datum is 363.62 ft above mean sea level. Measuring point is the top of 1-inch pump base opening, after removing copper fittings, 365.29 feet above mean sea level.

PERIOD OF RECORD.--Water level: occasional measurements, 1985 to current year. Water quality: occasional measurements, 1985 to 2002.

REMARKS.--Water level affected by pumping and by nearby well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 227.79 feet above mean sea level, June 15, 2006; lowest water level measured, 207.40 feet above mean sea level, August 2, 2001.

**WATER SURFACE ELEVATION, IN FEET, RELATIVE TO MEAN SEA LEVEL
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: S, steel tape. Water-level status: R, site had been pumped recently; T, nearby site that taps the same aquifer had been pumped recently.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Jan 6	218.85	S	R	Jul 8	220	S	T
Mar 10	221.3	S	R	Sep 30	222.79	S	T