



Water-Data Report 2009

**220057159210301 Local number 2-0021-01, Kalepa Ridge, Kauai, HI**

Hawaii volcanic-rock aquifers  
Waimea Canyon Volcanic Series, Undifferentiated  
Kauai County, HI

LOCATION.--Lat 22°00'43.9", long 159°20'53.1" referenced to North American Datum of 1983, Kauai County, HI, Hydrologic Unit 20070000, 1.0 miles southwest of Wailua County Golf Course, and 1.3 miles north of Hanamaulu Park.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled basal water-table well, depth 277 feet, casing diameter 8-inch, cased to 196 feet.

DATUM.--Elevation of land-surface datum is 166 feet. Measuring point is the top of 4-inch galvanized coupling, 166.70 feet above mean sea level.

PERIOD OF RECORD.--Occasional measurements, June 1980 to June 1993. Water-level recorder, June 1993 to November 1999. Occasional measurements, November 1999 to September 2009 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.86 feet above mean sea level, March 3, 1995; lowest water level measured, 8.65 feet above mean sea level, March 4, 2002.

**WATER SURFACE ELEVATION IN FEET HAWAII MEAN SEA LEVEL  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 20	11.70	V	--	Apr 27	11.24	V	--
Dec 8	11.28	V	--	Jun 22	10.75	V	--
Feb 12	11.50	V	--	Aug 20	10.70	V	--