



Water-Data Report 2010

215950159231601 Local number 2-5923-08, Hanamaulu monitor well, Kauai, HI

Hawaii volcanic-rock aquifers
Koloa Volcanic Series, Lava Flows

LOCATION.--Lat 21°59'40.1", long 159°23'07.6" referenced to North American Datum of 1983, Kauai County, HI, Hydrologic Unit 20070000, 1.5 miles northwest of Lihue, and 2.8 miles west of the nearest shoreline.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled well, depth 1,002 feet, 12.75-inch solid steel outer casing: 0-124 feet; 4-inch solid pvc casing: 0-87 feet; 4-inch perforated pvc casing: 87 feet to bottom; annular space grouted: 0-124 feet; annular space gravel packed: 124 feet to bottom.

DATUM.--Land-surface datum is 272 ft above mean sea level. Measuring point is the top of 4-inch well casing, 273.48 feet above mean sea level.

PERIOD OF RECORD.--Water-level recorder, February 1996 to September 30, 2009. Occasional measurements October 2009 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 244.14 feet above mean sea level, April 10, 1997; lowest water level measured, 204.37 feet above mean sea level, January 20, 21, 1998.

**WATER SURFACE ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[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 19	216.64	V	--	May 24	216.53	V	--
Jan 4	217.70	V	--	Jul 19	216.06	V	--
Apr 19	217.07	V	--	Sep 13	215.75	V	--