

GROUND-WATER LEVELS

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HAWAII, ISLAND OF KAUAI

220354159205602. Local number, 2-0320-03. Nonou W-B, Kauai.

LOCATION.--Lat 22°04', long 159°21', Old Hawaiian Datum, Hydrologic unit 20070000, 0.6 mi east of Sleeping Giant Mountain, and 1.3 mi northwest of Wailua River bridge.

AQUIFER.--Koloa Volcanics, Pliocene to Pleistocene age.

WELL CHARACTERISTICS.--Drilled water-table well, depth 302 ft; 14-in. casing diameter, cased to 168 ft.

DATUM.--Elevation of land-surface datum is 156 ft. Measuring point is the top of 1-in. hole on pump base on southeast side after removing elbow and nipple, 156.65 ft above mean sea level.

PERIOD OF RECORD.-- Water level: occasional measurements, August 1976 to current year. Water quality: occasional measurements, 1972, 1976 to 2002.

REVISED RECORDS.--WDR HI-94-1: 1988-93 (the minimum water level for the period of record).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.91 ft above mean sea level, November 19, 1982; lowest water level measured, 13.69 ft below mean sea level, August 11, 2004.

REMARKS.--Water is used for public supply. Water level affected by pumping and by nearby well.

WATER LEVEL, IN FEET RELATIVE TO MEAN SEA LEVEL, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL										
OCT 09	-9.42	JAN 09	-10.25	FEB 11	-8.93	APR 21	-12.41	JUN 09	-12.28	AUG 11	-13.69