

GROUND-WATER LEVELS

HAWAII, ISLAND OF KAUAI

215803159401201. Local number, 2-5840-01. Waimea, Kauai.

LOCATION.--Lat 21°58', long 159°40', Old Hawaiian Datum, Hydrologic Unit 20070000, 0.7 mi north of Waimea Recreational Pier State Park, and 2.4 mi east northeast of Oomano Point.

AQUIFER.--Waimea Canyon Basalt, Miocene to Pliocene age.

WELL CHARACTERISTICS.--Drilled water-table well, depth 190 ft, 8-in. casing diameter, cased to 167 ft.

DATUM.--Elevation of land-surface datum is 168 ft. Measuring point is the top of 1-in. hole on pump base, 168.17 ft above mean sea level.

REMARKS.--Water used for public supply. Water level affected by pumping.

PERIOD OF RECORD.-- Water level: occasional measurements, 1973 to current year. Water quality: occasional measurements, 1973 to 2002.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.10 ft above mean sea level, January 26, 1989; lowest water level measured, 6.58 ft above mean sea level, July 19, 1990, lowest water level measured with pump on, 4.76 ft above mean sea level, December 8, 1980.

WATER LEVEL, IN FEET, RELATIVE TO MEAN SEA LEVEL, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL										
OCT 12	8.75	DEC 07	8.96	FEB 01	9.20	APR 13	8.57	JUN 01	8.44	AUG 03	8.50