

GROUND-WATER LEVELS

HAWAII, ISLAND OF KAUAI

215958159214301. Local number 2-5921-01. Kalepa Ridge, W-10, Kauai.

LOCATION.--Lat 22°00', long 159°22', Old Hawaiian Datum, Hydrologic Unit 20070000, 1.0 mi west of Hanamaulu Beach Park, and 3.3 mi south-southwest of Lydgate State Park.

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

WELL CHARACTERISTICS.--Drilled water-table well, depth 540 ft, 14-in. casing diameter, cased to 315 ft.

DATUM.--Elevation of land-surface datum is 302 ft. Measuring point is the top of 1-in. pipe, northeast side of flange after removing the plug, elevation 302.66 ft above mean sea level.

REMARKS.--Water level affected by pumping.

PERIOD OF RECORD.-- Water level: occasional measurements, July 1980 to September 1985. Water-level recorder, October 1985 to July 1992. Occasional measurements, October 1992 to current year. Water quality: occasional measurements, 1997 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, 17.69 ft above mean sea level, November 26, 1985; lowest water level measured, 8.21 ft above mean sea level, April 1, 2002.

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

DATE	WATER LEVEL										
OCT 13	9.31	DEC 09	9.52	FEB 03	10.60	APR 14	11.36	JUN 02	11.16	AUG 04	10.56