

GROUND-WATER LEVELS

HAWAII, ISLAND OF KAUAI

215454159274201. Local number, 2-5427-01. Koloa W-A, Kauai.

LOCATION.--Lat 21°55', long 159°28', Old Hawaiian Datum, Hydrologic Unit 20070000, 0.1 mi west of the southwest corner of Waita Reservoir, and 2.7 mi northeast of Kaulala Point.

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

WELL CHARACTERISTICS.--Drilled water-table well, depth 455 ft; 12-in. casing diameter, cased to 263 ft.

DATUM.--Elevation of land-surface datum is 247 ft. Measuring point is the bottom edge of the east side opening on pump base 246.68 ft above mean sea level.

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

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

REVISED RECORDS.--WDR HI-94-1: 1988-94 (minimum water level for period of record), WDR HI-01-1: 1988-2001 (maximum water level for period of record).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.74 ft above mean sea level, January 9, 1975; lowest water level measured, 27.97 ft above mean sea level, October 6, 1988, lowest water level measured with pump on, 22.77 ft above mean sea level, March 3, 1983.

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

DATE	WATER LEVEL										
OCT 12	33.71	DEC 07	33.93	FEB 01	34.04	APR 13	33.73	JUN 01	33.67	AUG 09	33.63