

GROUND-WATER LEVELS

HAWAII, ISLAND OF KAUAI

215434159263301. Local number, 2-5426-03. Koloa, Kauai.

LOCATION.--Lat 21°55', long 159°27', Old Hawaiian Datum, Hydrologic Unit 20070000, 0.6 mi northeast of Koloa Mill, and 2.6 mi north of Makahuena Point.

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

WELL CHARACTERISTICS.--Drilled water-table well, depth 318 ft, 12-in. casing diameter, cased to 176 ft.

DATUM.--Elevation of land-surface datum is 222 ft. Measuring point is the top of 1-in. hole on southwest side of flange, 222.30 ft above mean sea level.

REMARKS.--Water used for irrigation. Water level affected by pumping.

PERIOD OF RECORD.-- Water level: occasional measurements, 1972 to current year. Water quality: occasional measurements, 1997.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.83 ft above mean sea level, January 10, 1974; lowest water level measured, 15.48 ft above mean sea level, June 16, 1982, lowest water level measured with pump on, 5.05 ft above mean sea level, March 10, 1975.

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

DATE	WATER LEVEL										
OCT 04	25.34	DEC 07	25.47	FEB 10	25.57	APR 04	25.22	JUN 03	25.05	AUG 05	25.02