



Water-Data Report 2006

**19311715550801 Local number 8-3155-01 Kealakekua, HI**

LOCATION.--Lat 19°31'17", long 155°55'08" referenced to Old Hawaiian Datum, Hawaii County, HI, Hydrologic Unit 20010000, 0.3 mi east of Kealakekua Post Office and 0.6 mi north of Konawaena High School.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled water-table well, depth 1,505 ft, 4-in. casing diameter, cased to 1,500 ft perforated from 1,250 to 1,500 ft.

DATUM.--Elevation of land-surface datum is 1,746.80 ft. Measuring point is top of aluminum cap on 4-in. casing, 1,745.84 ft above mean sea level.

PERIOD OF RECORD.--Water level: occasional measurements, April 1992 to September 2006 (discontinued).

REMARKS.--Water level may be affected by pumping well 50 ft away.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 469.06 ft above mean sea level, December 18, 1997; lowest measured, 449.59 ft above mean sea level, August 4, 2004.

**WATER SURFACE ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: S, nearby site that taps the same aquifer was being pumped.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Oct 7	455.44	V	S	Apr 27	456.76	V	S
Dec 14	455.88	V	S	Jun 14	456.86	V	S
Feb 16	456.06	V	S	Aug 17	456.65	V	S