



Water-Data Report 2009

204827156242201 Local number 6-4824-01, Kihei exploratory well, Maui, HI

Hawaii volcanic-rock aquifers
 Honomanu Volcanic Series, Lava Flows
 Maui County, HI

LOCATION.--Lat 20°48'11.16", long 156°24'11.49" referenced to North American Datum of 1983, Maui County, HI, Hydrologic Unit 20020000, on Waiakoa Road 1,000 ft south of intersection with Kalaloe Gulch, and 4 mi east of Kihei.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 646 ft. Upper casing diameter 12.00 in; top of first opening 597 ft, bottom of last opening 645 ft.

DATUM.--Elevation of land-surface datum is 593 ft. Measuring point is top of 3-in. pipe attached to the steel casing cover, 594.74 ft above mean sea level.

PERIOD OF RECORD.--Occasional measurements, March 1971, May 1972 to September 2009.

REMARKS.--Water-quality records for 1971, 1973 are available in files of district office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.20 ft above mean sea level, January 17, 1974; lowest measured, 3.58 ft above mean sea level, June 14, 2000.

**WATER SURFACE ELEVATION IN FEET HAWAII MEAN SEA LEVEL
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static.]

| Date | Water level | Measurement method | Water-level status | Date | Water level | Measurement method | Water-level status |
|--------|-------------|--------------------|--------------------|--------|-------------|--------------------|--------------------|
| Nov 17 | 3.92 | V | -- | Apr 1 | 3.92 | V | -- |
| Jan 5 | 4.19 | V | -- | Jul 1 | 3.73 | V | -- |
| Feb 17 | 4.11 | V | -- | Aug 12 | 4.22 | V | -- |