



Water-Data Report 2013

212117157534601 Local number 3-2153-08 Tripler Army Medical Center, Oahu, HI

Hawaii volcanic-rock aquifers
Koolau Volcanic Series, Lava Flows

Honolulu County, HI

LOCATION.--Lat 21°21'05.1", long 157°53'35.9" referenced to North American Datum of 1983, Honolulu County, HI, Hydrologic Unit 20060000, 1,300 ft northwest of junction of H-1 freeway and Puuloa Road, and 0.5 mi south of Tripler Army Hospital.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled well, depth 306 feet, 16-inch casing diameter, cased to 57 feet.

DATUM.--Elevation of land-surface datum is 28 feet. Measuring point is top of 3/4-inch copper overflow pipe at base of pump, elevation change from 33.16 ft to 33.21 ft. above mean sea level (levels of August 17, 2011).

PERIOD OF RECORD.--Water level: occasional measurements, May 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.79 feet above mean sea level, April 21, 1969; lowest measured, 16.34 feet above mean sea level, August 1, 2003.

**WATER SURFACE ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[Measurement method: S, steel tape. Water-level status: R, site had been pumped recently; --, static.]

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Oct 19 | 19.12 | S | R | Apr 17 | 19.14 | S | -- |
| Nov 20 | 18.95 | S | R | May 9 | 18.99 | S | -- |
| Dec 11 | 18.84 | S | -- | Jun 20 | 19.00 | S | -- |
| Jan 8 | 18.99 | S | R | Jul 31 | 18.81 | S | -- |
| Feb 25 | 19.22 | S | R | Aug 20 | 18.74 | S | -- |
| Mar 19 | 19.21 | S | -- | Sep 11 | 18.71 | S | -- |