

**212046157531401 Local number 3-2053-10, Fort Shafter Well, Oahu, HI**

Hawaii volcanic-rock aquifers  
Koolau Volcanic Series, Lava Flows

LOCATION.--Lat 21°20'34.2", long 157°53'04.8" referenced to North American Datum of 1983, Honolulu County, HI, Hydrologic Unit 20060000, in Fort Shafter, about 1,000 ft east of Buckner Gate, and 100 ft north of Fort Shafter Elementary School.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled well, depth 279 feet, 12-inch casing diameter, cased to 169 feet.

DATUM.--Elevation of land-surface datum is 20 feet. Measuring point is a chiseled " X " on top of 8-inch casing (flange removed), at south end of pump house (Bldg. 509), 24.79 feet above mean sea level(levels of August 17, 2011).

PERIOD OF RECORD.--Occasional water quality measurements, December 1915 to November 1972. Occasional water level measurements, December 1915 to September 1931, January 2000 to current year.

REMARKS.--Unpublished records, prior to January 2000, are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.82 feet above mean sea level, April 1917; lowest measured, 16.67 feet above mean sea level, September 3, 2003 and October 1, 2003.

**WATER SURFACE ELEVATION, IN FEET, RELATIVE TO MEAN SEA LEVEL  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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 5	18.18	S	R	Apr 19	19.60	S	--
Nov 8	18.36	S	--	May 9	19.73	S	--
Dec 9	18.52	S	--	Jun 7	19.83	S	--
Jan 6	18.98	S	--	Jul 12	19.79	S	--
Feb 3	19.14	S	--	Aug 17	19.57	S	R
Mar 10	19.19	S	--	Sep 26	19.50	S	--