



Water-Data Report 2006

211832157515502 Local number 3-1851-19 Halekauwila Street, Pipe B, Oahu, HI

Honolulu County, HI

LOCATION.--Lat 21°18'32", long 157°51'55" referenced to Old Hawaiian Datum, Honolulu County, HI, Hydrologic Unit 20060000, corner of Richards and Halekauwila Streets, adjacent to Ala Moana Boulevard.

GROUND-WATER RECORDS

WELL CHARACTERISTICS. --Drilled flowing artesian well, ½-inch galvanized pipe at 988 feet depth. Tube B is the pipe furthest from Richards Street.

DATUM.--Elevation of land-surface datum is 6 ft. Measuring point was destroyed when new cover was installed. The top of the ½-pipe (pipe A) was used as the measuring point and has an elevation of 5.55 feet above mean sea level. On Sep. 5, the bolt holding the cover on was used as the measuring point and has an elevation of 6.55 feet above mean sea level. On Oct. 25, 2006, a new measuring point (chiseled square inside of the wooden cover of the well) was established and has an elevation of 6.37 feet above mean sea level.

PERIOD OF RECORD.--Water level: occasional measurements, April 1969, March 1973 to current year. Water quality: occasional measurements, 1973 to current year.

REMARKS.--Prior to October 1998, unpublished records in files of the USGS Hawaii District office. Water level affected by high salinity of water (see water-quality section).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.16 ft above mean sea level, February 3, 1983; lowest measured, 10.06 ft above mean sea level, September 29, 2003.

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

[Measurement method: Z, other. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Oct 14	13.01	Z	--	Jun 2	15.09	Z	--
Dec 6	13.60	Z	--	Aug 1	15.19	Z	--
Mar 22	14.62	Z	--	Sep 5	15.13	Z	--

Water year 2006; lowest: 13.01 Oct 14, 2005 highest: 15.19 Aug 01, 2006

Record available from Dec 04, 1998, to Dec 05, 2006; 45 entries

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WATER-QUALITY RECORDS**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Time	Specific conductance, wat unf, uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Chloride, water, unfltrd, mg/L (99220)
Oct 14...	1435	24,400	24.5	8,940
Dec 06...	0910	24,500	24.0	9,040
Mar 22...	1000	25,100	24.0	9,090
Jun 02...	0940	25,100	24.5	9,250
Aug 01...	1130	22,300	24.5	9,300
Sep 05...	1330	25,500	24.5	9,330