

GROUND-WATER LEVELS

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HAWAII, ISLAND OF MAUI

205305156304401. Local number, 6-5330-05. Shaft 33, well 1, Maui.

LOCATION.--Lat 20°53', long 156°31', Old Hawaiian Datum, Hydrologic Unit 20020000, 1,500 ft southwest of Wailuku Elementary School, 1,500 ft southeast of Maui DWS water tank near intersection of Wailuku Heights Road and Iao Valley Road.

AQUIFER.--Wailuku Basalt, Pleistocene age.

WELL CHARACTERISTICS.--Three drilled wells in vault, at bottom of excavated inclined shaft. Vault floor about 32 ft above mean sea level, well nearest inclined shaft is measured. Depth 310 ft below vault floor, casing length unknown.

DATUM.--Elevation of land-surface datum is 401.51 ft. Datum of vault floor is 32.14 ft. Measuring point is the edge of steel plate, inside access hole cut through pump base casing, at cement floor level, 32.17 ft above mean sea level, until September 30, 2003. New measurement point elevation October 1, 2003, 32.33 ft. above mean sea level.

REMARKS.--Water levels affected by pumping of adjacent well in shaft, and by other nearby wells.

PERIOD OF RECORD.--Occasional measurements, February 1996 to current year, water-level recorder November 17, 2004 to September 30, 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.33 ft above mean sea level, April 22, 1997; lowest measured, 7.83 ft above mean sea level, October 16, 2001.

WATER LEVEL, IN FEET, RELATIVE TO MEAN SEA LEVEL, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL								
OCT 20	8.82	NOV 17	9.00	MAR 09	11.55	APR 28	10.32	SEP 28	9.06