205405156305401 Local number 6-5430-05, Waiehu deep monitor well, Maui, HI

Hawaii volcanic-rock aquifers
Wailuku Volcanic Series, Lava Flows

LOCATION.--Lat 20°54'47.9", long 156°30'46.0" referenced to North American Datum of 1983, Maui County, HI, Hydrologic Unit 20020000, 1.0 mi southwest of intersection of Malaihi Road and Highway 33, and 1.2 mi south of Waihee.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled water-table well, depth 1,400 ft., 10-in. casing diameter, cased to 400 ft.

DATUM.--Elevation of land-surface datum is 380 ft. Measuring point is top of 10-in. casing, 380.84 ft. above mean sea level, until September 30, 2003. New measuring point elevation, October 1, 2003, 381.16 ft. above mean sea level.

PERIOD OF RECORD.--Occasional measurements, August 1983 to May 1986 and October 2009 to February 2010. Water level recorder, June 1986 to October 2009 and February 2010 to present.

REMARKS.--Geophysical log and water-quality records are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.20 ft. above mean sea level, December 14, 1989; lowest water level measured, 7.66 ft. above mean sea level, Oct. 18, 1999.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 205405156305401, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/205405156305401.2012.pdf

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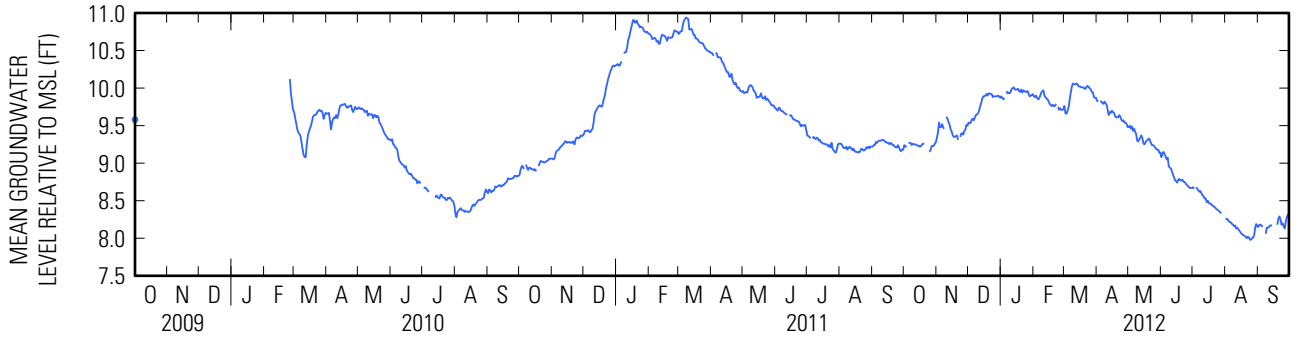
GROUNDWATER LEVEL RELATIVE TO MEAN SEA LEVEL (MSL), FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.24	9.34	9.54	9.89	9.89	9.76	9.83	9.48	9.08	8.68	8.25	8.15
2	9.23	9.41	9.53	9.87	9.88	9.66	9.82	9.50	9.13	8.66	8.26	8.18
3	9.21	9.54	9.54	9.85	9.90	9.66	---	9.46	9.15	---	8.25	8.18
4	---	9.48	9.58	9.87	9.87	9.70	9.83	9.49	9.12	8.68	8.22	8.17
5	9.27	9.48	9.59	---	9.85	9.75	9.82	9.43	9.09	8.66	8.22	8.15
6	9.27	9.52	9.57	9.96	9.86	9.85	9.80	9.46	9.05	8.64	8.21	---
7	9.27	9.47	9.61	9.93	9.90	9.94	9.79	9.42	9.07	8.62	8.19	---
8	9.24	9.46	9.64	9.94	9.94	10.02	9.82	9.39	8.96	8.63	8.18	8.06
9	9.26	---	9.65	9.93	9.96	10.06	9.80	9.30	8.94	8.60	8.16	8.14
10	9.25	9.62	9.66	9.95	9.97	10.05	9.78	9.29	8.93	8.57	8.17	8.14
11	9.25	9.59	9.70	9.99	9.90	10.05	9.71	9.32	8.89	8.56	8.13	8.15
12	9.25	9.55	9.76	10.00	9.88	10.06	9.64	9.34	8.85	8.53	8.14	8.17
13	9.24	9.51	9.80	10.01	9.86	10.06	9.68	9.37	8.81	8.53	8.12	8.17
14	9.23	9.45	9.86	9.98	9.85	10.03	9.67	9.33	8.77	8.48	8.10	8.17
15	9.23	9.42	9.89	9.98	9.82	10.02	9.70	9.26	8.76	8.50	8.08	---
16	9.22	9.37	9.89	9.98	9.79	10.02	9.68	9.25	8.74	8.47	8.06	---
17	9.23	9.35	9.90	9.99	9.77	10.01	9.67	9.28	8.78	8.46	8.05	---
18	9.25	9.35	9.92	9.96	9.76	10.01	9.63	9.30	8.79	8.46	8.04	---
19	9.26	9.36	9.90	9.95	9.78	10.01	9.61	9.31	8.77	8.44	8.03	8.18
20	9.26	9.37	9.93	9.98	9.76	9.99	9.61	9.33	8.77	8.43	8.02	8.26
21	---	9.31	9.93	9.94	9.76	9.99	9.61	9.31	8.78	8.42	8.00	8.29
22	---	---	9.92	9.97	9.79	10.02	9.64	9.27	8.75	8.41	8.02	8.25
23	---	9.35	9.92	9.96	---	10.03	9.62	9.24	8.75	8.39	8.01	8.18
24	---	9.39	9.88	9.95	9.75	10.01	9.58	9.24	8.73	8.38	7.98	8.20
25	9.15	9.40	9.89	9.95	9.71	10.00	9.56	9.23	8.71	8.37	7.98	8.16
26	9.18	9.38	9.89	9.96	9.73	9.98	9.57	9.21	8.70	8.36	8.00	8.13
27	9.23	9.43	9.89	9.92	9.71	9.95	9.54	9.19	8.68	8.34	8.01	8.22
28	9.23	9.45	9.89	9.89	9.71	9.94	9.54	9.18	8.67	8.34	8.04	8.28
29	9.23	9.51	9.90	9.90	9.72	9.88	9.52	9.18	8.67	---	8.14	8.31
30	9.26	9.50	9.89	9.91	---	9.87	9.48	9.14	8.67	---	8.19	8.33
31	9.28	---	9.87	9.92	---	9.87	---	9.14	---	---	8.16	---
Mean	---	---	9.78	---	---	9.94	---	9.31	8.85	---	8.11	---
Max	---	---	9.93	---	---	10.06	---	9.50	9.15	---	8.26	---
Min	---	---	9.53	---	---	9.66	---	9.14	8.67	---	7.98	---



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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Occasional measurements, 1982, 1985 to current year.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Tempera-ture, water, °C (00010)	Sampling depth, feet below mean sea level (78890)	Chloride, water, unfiltered, mg/L (99220)
10-04-2011	**0940**	258	22.3	200	12
10-04-2011	**0958**	253	21.9	400	12
10-04-2011	**1024**	251	21.9	475	13
10-04-2011	**1050**	2,370	21.8	525	730
10-04-2011	**1118**	2,300	22.1	550	720
10-04-2011	**1145**	3,000	22.2	575	960
10-04-2011	**1210**	7,480	22.1	600	2,600
10-04-2011	**1236**	19,000	22.0	625	7,100
10-04-2011	**1302**	30,600	21.8	650	12,000
10-04-2011	**1328**	44,400	21.9	700	18,000
01-05-2012	**1024**	266	21.8	200	13
01-05-2012	**1042**	241	21.5	400	13
01-05-2012	**1105**	241	21.3	475	13
01-05-2012	**1128**	2,300	21.4	525	710
01-05-2012	**1152**	2,320	21.4	550	720
01-05-2012	**1215**	2,970	21.6	575	950
01-05-2012	**1239**	7,490	21.3	600	2,600
01-05-2012	**1303**	20,000	21.4	625	7,500
01-05-2012	**1330**	31,300	21.5	650	13,000
01-05-2012	**1357**	44,200	21.5	700	18,000
04-03-2012	**0929**	262	21.9	200	13
04-03-2012	**0952**	243	21.5	400	12
04-03-2012	**1013**	242	21.5	475	13
04-03-2012	**1046**	2,340	21.5	525	730
04-03-2012	**1110**	2,430	21.4	550	760
04-03-2012	**1137**	2,980	21.4	575	940
04-03-2012	**1202**	8,070	21.3	600	2,800
04-03-2012	**1227**	20,800	21.4	625	7,900
04-03-2012	**1252**	32,000	21.5	650	13,000
04-03-2012	**1318**	45,100	21.6	700	18,000
07-03-2012	**1037**	257	22.1	200	12
07-03-2012	**1055**	252	22.0	400	12
07-03-2012	**1115**	250	21.7	475	12
07-03-2012	**1134**	2,690	21.7	525	850
07-03-2012	**1155**	2,750	21.7	550	870
07-03-2012	**1215**	3,520	21.7	575	1,100
07-03-2012	**1237**	8,780	21.7	600	3,100
07-03-2012	**1303**	21,300	21.8	625	8,200
07-03-2012	**1327**	33,000	21.7	650	13,000
07-03-2012	**1350**	45,400	21.8	700	18,000