220126159261501 Local number 2-0126-01, Northwest Kilohana monitor well, Kauai, HI

Hawaii volcanic-rock aquifers

LOCATION.--Lat 22°01'23.8", long 159°25'56.1" referenced to North American Datum of 1983, Kauai County, HI, Hydrologic Unit 20070000, 5.3 miles northwest of Lihue, and 6.2 miles west of the nearest shoreline.

GROUNDWATER RECORDS

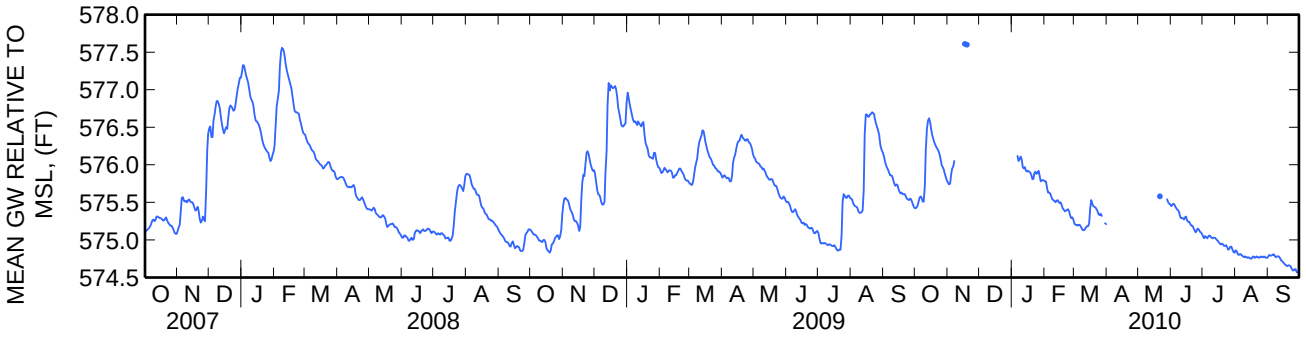
WELL CHARACTERISTICS.--Drilled well, depth 1,004 feet, 10-inch solid steel outer casing: 0-198 feet; 4-inch solid pvc casing: 0-126 feet; 4.5-inch perforated pvc casing: 126 feet to bottom; annular space grouted: 0-198 feet; annular space open: 198 feet to bottom.

DATUM.--Land-surface datum is 678 ft above mean sea level. Measuring point is the top of 4-inch well casing, 679.06 feet above mean sea level.

PERIOD OF RECORD.--Water level: occasional measurements started in November 1996. Continuous water-level recorder, December 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 589.96 feet above mean sea level, December 23, 1996; lowest water level measured, 574.52 feet above mean sea level, September 30, 2010.

220126159261501 Local number 2-0126-01, Northwest Kilohana monitor well, Kauai, HI—Continued

GROUNDWATER LEVEL RELATIVE TO MEAN SEA LEVEL (MSL), FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	575.42	575.76	---	---	575.78	575.22	---	---	575.45	575.05	574.86	574.78
2	575.43	575.74	---	---	575.78	575.20	---	---	575.47	575.02	574.85	574.80
3	575.45	575.75	---	---	575.69	575.20	---	---	575.48	575.05	574.81	574.79
4	575.50	575.88	---	---	575.63	575.19	---	---	575.47	575.04	574.80	574.79
5	575.56	575.95	---	---	575.63	575.20	---	---	575.44	575.02	574.81	574.80
6	575.58	575.98	---	576.12	575.62	575.20	---	---	575.41	575.04	574.81	574.81
7	575.56	576.05	---	576.05	575.58	575.18	---	---	575.40	575.06	574.79	574.79
8	575.51	---	---	576.07	575.54	575.15	---	---	575.38	575.05	574.78	574.77
9	575.51	---	---	576.11	575.53	575.13	---	---	575.33	575.03	574.77	574.78
10	575.72	---	---	576.07	575.52	575.13	---	---	575.29	575.02	574.78	574.78
11	576.20	---	---	575.97	575.50	575.14	---	---	575.29	575.03	574.77	574.78
12	576.48	---	---	575.95	575.52	575.17	---	---	575.29	575.03	574.76	574.76
13	576.59	---	---	575.97	575.53	575.18	---	---	575.27	575.02	574.77	574.73
14	576.62	---	---	575.92	575.51	575.18	---	---	575.30	575.00	574.76	574.72
15	576.57	---	---	575.91	575.49	575.22	---	---	575.31	574.99	574.75	574.70
16	576.48	---	---	575.92	575.50	575.43	---	---	575.26	574.97	574.75	574.69
17	576.40	577.61	---	575.91	575.46	575.53	---	---	575.24	574.95	574.77	574.67
18	576.34	---	---	575.90	575.42	575.48	---	---	575.24	574.94	574.78	574.66
19	576.30	577.60	---	575.87	575.40	575.45	---	---	575.21	574.95	574.76	574.65
20	576.26	---	---	575.81	575.38	575.44	---	---	575.19	574.94	574.77	574.66
21	576.24	---	---	575.81	575.39	575.43	---	575.58	575.19	574.92	574.78	574.66
22	576.21	---	---	575.89	575.40	575.41	---	---	575.16	574.92	574.77	574.65
23	576.18	---	---	575.91	575.41	575.38	---	---	575.13	574.93	574.76	574.62
24	576.14	---	---	575.88	575.38	575.34	---	---	575.10	574.90	574.77	574.60
25	576.07	---	---	575.89	575.32	575.33	---	---	575.12	574.87	574.78	574.59
26	576.00	---	---	575.92	575.29	575.35	---	---	575.15	574.88	574.77	574.61
27	575.97	---	---	575.85	575.30	575.32	---	---	575.14	574.91	574.77	574.61
28	575.94	---	---	575.78	575.27	---	---	575.54	575.11	574.91	574.78	574.57
29	575.88	---	---	575.79	---	---	---	575.50	575.10	574.87	574.77	574.57
30	575.83	---	---	575.80	---	575.22	---	575.48	575.08	574.84	574.76	574.56
31	575.79	---	---	575.79	---	575.21	---	575.47	---	574.83	574.76	---
Mean	575.99	---	---	---	575.49	---	---	---	575.27	574.97	574.78	574.70
Max	576.62	---	---	---	575.78	---	---	---	575.48	575.06	574.86	574.81
Min	575.42	---	---	---	575.27	---	---	---	575.08	574.83	574.75	574.56