

**205549156143601 Diversion 1, loi outlet, Honopou Stream, Maui, HI**

LOCATION.--Lat 20°55'49.3", long 156°14'35.9" referenced to North American Datum of 1983, Maui County, HI, Hydrologic Unit 20020000, on domestic water-supply ditch, approximately 350 ft below the USGS diversion ditch at outlet (205548156143901), 0.10 mi northeast of USGS gaging station, Honopou stream below Diversion Ditch (16595200), 0.2 mi northeast of USGS gaging station, Diversion ditch at intake Honopou Stream, and 4.2 mi west of Pauwela.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--November 6, 2008 to August 2, 2010 (discontinued)

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: November 6, 2008 to August 2, 2010 (discontinued)

INSTRUMENTATION.--Electronic water-temperature recorder set to 15 minute recording interval.

REMARKS.--Records represent water temperature at the sensor to within 0.2°F, except August 27, 2009 to April 05, 2010 when records represent the water temperature at the sensor to within 0.5°F.

EXTREMES FOR PERIOD OF RECORD.-- Maximum, 87.9°F, June 16, 2009; Minimum, 61.5°F, January 18, 2009.

EXTREMES FOR CURRENT PERIOD.--For the period October 1, 2009 to August 2, 2010: Maximum, 81.6°F, July 25; minimum, 62.5°F, March 8 and 9.

## 205549156143601 Diversion 1, loi outlet, Honopou Stream, Maui, HI—Continued

**TEMPERATURE, WATER, DEGREES FAHRENHEIT**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	77.5	72.5	74.0	75.0	71.5	73.0	69.0	66.0	67.0	72.0	67.0	69.0
2	77.0	72.0	74.0	75.0	71.5	73.0	70.0	66.0	68.0	71.0	67.0	68.5
3	73.5	70.5	72.0	75.0	71.5	73.0	70.0	66.0	68.0	71.0	66.0	68.0
4	77.0	71.0	73.0	75.0	71.5	72.5	70.5	68.0	69.0	73.5	66.5	69.0
5	76.0	71.5	73.5	74.0	71.5	72.5	70.5	67.0	69.0	74.0	67.0	69.0
6	76.5	73.0	74.5	74.0	71.5	72.5	72.5	69.0	70.5	73.5	66.5	69.0
7	76.0	72.5	74.0	74.0	72.0	73.0	71.5	68.0	69.5	71.5	68.5	70.0
8	76.0	72.5	74.5	75.0	72.0	73.0	70.0	67.5	69.0	70.0	68.0	69.0
9	76.5	73.0	74.5	74.5	71.5	73.0	70.5	66.5	68.0	72.5	67.0	69.0
10	77.0	73.5	75.0	75.0	72.0	73.0	70.5	67.0	68.5	72.5	66.5	69.0
11	75.5	73.0	74.5	72.5	69.5	71.0	72.5	69.0	70.0	71.5	69.0	70.0
12	73.0	71.0	72.0	72.5	69.0	70.5	71.5	68.0	69.5	71.0	68.0	69.0
13	74.0	70.5	72.0	74.0	69.5	71.5	72.0	68.0	70.0	70.0	66.0	68.0
14	75.0	71.5	73.0	78.0	71.5	73.0	71.0	67.0	69.0	68.5	66.5	67.5
15	75.5	71.0	73.0	72.5	69.5	71.5	70.5	66.5	68.0	68.5	65.5	67.0
16	75.0	71.0	73.0	70.0	69.0	69.5	70.5	66.0	68.0	69.0	66.0	67.5
17	76.0	72.0	73.5	69.5	68.5	69.0	71.5	67.0	68.5	70.0	66.5	68.0
18	77.0	74.0	75.0	69.5	68.0	68.5	69.0	68.0	68.5	70.5	68.0	69.0
19	76.0	73.5	74.5	70.0	68.0	69.0	68.5	67.0	67.5	69.5	67.0	68.5
20	75.5	74.0	74.5	72.0	68.5	70.0	69.0	66.5	67.0	71.0	68.0	69.0
21	77.0	74.0	75.0	73.5	69.5	71.0	70.5	65.5	67.5	68.0	64.5	65.5
22	77.5	73.5	75.0	73.5	69.5	71.0	71.5	68.0	69.0	67.5	64.0	66.0
23	77.0	73.5	75.0	73.0	70.0	71.0	72.0	67.5	69.0	68.0	63.5	66.0
24	76.0	73.5	74.5	72.5	69.5	71.0	70.5	66.0	67.5	68.5	64.0	66.5
25	76.0	73.5	74.5	74.0	70.5	71.5	70.5	66.5	68.0	70.0	65.5	67.5
26	76.0	73.0	74.0	73.0	70.0	71.0	71.5	67.0	68.5	71.0	66.0	68.5
27	76.5	73.5	74.5	70.5	68.0	68.5	71.0	66.5	68.5	70.5	68.5	69.5
28	76.0	72.5	74.0	70.5	67.5	69.0	71.5	67.5	69.0	69.5	67.0	68.0
29	76.0	72.0	74.0	69.0	65.5	67.0	72.0	67.0	69.0	70.5	66.5	68.5
30	76.0	72.0	74.0	67.5	65.0	66.0	71.0	67.0	68.5	71.5	69.0	70.0
31	75.5	72.0	73.5	---	---	---	74.5	65.5	68.5	72.5	68.5	70.0
<b>Month</b>	77.5	70.5	73.9	78.0	65.0	71.0	74.5	65.5	68.6	74.0	63.5	68.4

## 205549156143601 Diversion 1, loi outlet, Honopou Stream, Maui, HI—Continued

**TEMPERATURE, WATER, DEGREES FAHRENHEIT**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	73.0	69.0	70.5	65.5	63.0	64.0	73.0	68.5	70.0	76.5	71.3	73.0
2	70.5	69.0	70.0	67.5	64.0	65.5	74.5	69.0	71.0	75.8	71.1	72.8
3	69.0	66.5	68.0	70.0	65.5	67.0	72.0	68.0	70.0	76.7	70.6	72.9
4	67.5	65.5	66.0	67.0	65.5	66.0	69.0	66.5	67.5	76.8	70.9	73.0
5	68.5	65.0	66.5	66.5	64.0	65.0	68.0	66.0	67.0	75.1	70.8	72.1
6	70.5	65.5	67.5	66.0	64.0	65.0	70.5	66.3	68.3	74.2	70.0	71.3
7	70.5	66.0	68.0	69.0	63.5	65.5	72.4	67.8	69.9	73.2	69.6	70.7
8	73.0	67.5	69.0	66.0	62.5	64.5	74.2	69.3	71.0	75.2	69.5	71.3
9	72.0	68.0	69.0	68.0	62.5	65.0	72.4	68.9	70.2	75.7	69.9	71.9
10	72.0	68.0	69.5	67.0	65.0	66.0	72.9	68.9	70.3	73.3	69.9	71.3
11	71.5	68.0	69.5	67.5	64.0	65.5	69.9	66.9	68.3	76.0	69.8	72.2
12	71.5	67.5	69.0	70.5	65.5	67.5	71.3	66.8	68.5	76.2	71.1	73.1
13	70.5	68.0	69.0	72.0	67.0	69.0	67.7	65.7	66.5	76.6	71.7	73.3
14	70.5	67.0	68.5	72.5	67.5	69.5	66.1	64.9	65.5	76.9	71.1	73.1
15	71.0	67.0	68.5	69.5	67.5	68.5	68.5	64.5	66.3	76.7	70.5	72.6
16	70.5	65.0	67.5	72.0	67.5	69.0	68.7	64.6	66.7	75.9	70.2	72.1
17	68.5	65.5	67.0	72.5	67.0	69.0	67.5	63.6	65.4	76.2	70.1	72.4
18	67.0	65.0	65.5	69.5	64.0	66.0	71.7	65.7	67.8	76.5	70.9	72.8
19	68.0	64.0	66.0	66.0	63.5	64.5	75.6	66.9	69.3	76.7	70.8	72.8
20	70.0	65.0	67.0	67.0	64.5	65.5	72.8	68.1	69.9	76.3	71.1	72.9
21	71.5	66.5	68.5	70.0	64.0	66.5	73.2	69.5	70.7	73.0	71.1	71.9
22	70.5	65.5	67.5	69.0	67.0	68.0	71.7	67.9	69.6	75.9	70.5	72.4
23	71.5	65.5	68.0	71.5	67.5	69.0	72.5	66.7	69.3	72.1	68.4	70.7
24	71.0	67.0	69.0	72.5	68.5	70.0	75.1	69.0	71.3	72.9	67.1	69.8
25	71.5	66.5	68.5	70.0	67.0	69.0	75.2	69.2	71.5	75.7	69.9	71.9
26	73.5	68.0	70.0	69.5	66.0	67.5	75.6	69.7	71.8	76.6	69.9	72.2
27	73.5	68.5	70.5	71.5	67.5	69.0	75.9	69.7	71.9	76.5	70.0	72.4
28	70.0	64.5	68.0	72.0	68.0	69.5	75.1	69.6	71.7	75.9	70.6	72.5
29	---	---	---	73.0	68.5	70.5	76.3	70.3	72.3	77.1	70.0	72.6
30	---	---	---	73.5	69.0	70.5	76.5	70.5	72.6	76.8	71.1	72.9
31	---	---	---	73.0	69.0	70.0	---	---	---	75.9	70.5	72.3
<b>Month</b>	73.5	64.0	68.3	73.5	62.5	67.3	76.5	63.6	69.4	77.1	67.1	72.2

## 205549156143601 Diversion 1, loi outlet, Honopou Stream, Maui, HI—Continued

**TEMPERATURE, WATER, DEGREES FAHRENHEIT**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	76.2	69.9	72.2	78.1	71.7	73.7	79.2	71.3	73.7	---	---	---
2	76.0	70.2	72.3	77.0	71.5	73.5	77.3	71.2	72.9	---	---	---
3	74.6	70.5	71.7	73.4	70.6	72.0	---	---	---	---	---	---
4	76.3	69.5	72.0	76.9	70.1	72.8	---	---	---	---	---	---
5	76.4	70.7	72.7	77.2	70.8	73.2	---	---	---	---	---	---
6	78.0	71.3	73.7	78.9	70.8	73.8	---	---	---	---	---	---
7	77.1	71.1	73.5	80.6	71.1	74.5	---	---	---	---	---	---
8	77.7	71.5	73.5	81.2	71.3	74.6	---	---	---	---	---	---
9	80.0	71.1	74.0	79.3	71.1	74.0	---	---	---	---	---	---
10	76.3	71.9	73.6	76.9	71.4	73.0	---	---	---	---	---	---
11	77.8	71.5	73.7	76.5	70.9	72.8	---	---	---	---	---	---
12	78.0	71.2	73.6	76.9	70.3	72.9	---	---	---	---	---	---
13	80.2	71.9	74.5	79.2	69.7	73.4	---	---	---	---	---	---
14	77.9	71.4	73.8	80.0	70.8	74.2	---	---	---	---	---	---
15	78.1	70.9	73.8	80.1	70.5	74.2	---	---	---	---	---	---
16	77.6	71.7	73.8	80.6	72.6	75.3	---	---	---	---	---	---
17	78.1	71.4	73.8	81.1	72.6	75.3	---	---	---	---	---	---
18	78.0	71.5	73.9	79.0	72.0	74.0	---	---	---	---	---	---
19	77.9	71.3	73.7	78.3	70.9	73.6	---	---	---	---	---	---
20	78.0	71.5	73.8	78.8	71.4	74.4	---	---	---	---	---	---
21	76.2	71.6	73.2	80.0	72.8	74.9	---	---	---	---	---	---
22	77.6	71.2	73.6	78.9	72.0	74.5	---	---	---	---	---	---
23	75.2	71.6	72.8	79.5	71.9	74.8	---	---	---	---	---	---
24	74.6	70.8	72.2	80.7	72.9	75.4	---	---	---	---	---	---
25	76.3	70.5	72.8	81.6	72.5	75.3	---	---	---	---	---	---
26	78.0	71.0	73.7	77.8	71.9	73.5	---	---	---	---	---	---
27	78.7	71.7	74.1	79.8	71.7	74.2	---	---	---	---	---	---
28	76.6	71.9	73.5	78.9	71.6	74.2	---	---	---	---	---	---
29	76.5	71.4	73.0	78.4	72.2	73.9	---	---	---	---	---	---
30	75.9	71.3	72.9	78.8	71.7	74.0	---	---	---	---	---	---
31	---	---	---	78.9	71.7	73.4	---	---	---	---	---	---
<b>Month</b>	80.2	69.5	73.3	81.6	69.7	74.0	---	---	---	---	---	---