

205548156143901 Diversion Ditch at outlet, nr Honopou Str, Maui, HI

LOCATION.--Lat 20°55'47.6", long 156°14'38.9" referenced to North American Datum of 1983, Maui County, HI, Hydrologic Unit 20020000, at outlet of Kekahuna ditch at head of Ióí complex, approximately 600 ft downstream from USGS gaging station, Diversion ditch at intake Honopou Stream (No. 16595100), 260 ft northeast of USGS gaging station, Honopou Stream below Diversion Ditch (No. 16595200), and 4.2 mi west of Pauwela.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 7, 2009 to August 3, 2010 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May 7, 2009 to August 3, 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 to September 30, 2009 and from February 8, 2010 to April 5, 2010 when records represent the water temperature at the sensor to within 0.5°F.

EXTREMES FOR PERIOD OF RECORD.--Maximum, 78.5°F, June 16, 2009; Minimum , 62.5°F, March, 8 and 9, 2010.

EXTREMES FOR CURRENT PERIOD.--For the period October 1, 2009 to August 3, 2010: Maximum, 77.5°F, July 24; Minimum , 62.5°F, March 8 and 9, 2010.

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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	77.0	73.5	73.5	74.0	72.0	73.0	68.0	66.0	67.0	70.0	68.0	69.0
2	76.5	73.0	73.5	74.5	71.5	73.0	69.5	66.5	68.0	70.0	67.5	68.5
3	74.0	70.5	71.0	74.5	72.0	73.0	69.5	66.5	68.0	70.0	66.5	68.0
4	75.0	71.5	72.0	74.5	71.5	72.5	70.0	68.5	69.0	71.0	67.0	69.0
5	76.0	72.5	73.0	73.5	72.0	72.0	70.0	67.0	69.0	71.5	67.5	69.0
6	76.5	73.5	74.0	74.0	71.5	72.5	71.5	69.5	70.5	71.0	67.0	69.0
7	76.5	73.0	74.0	74.0	72.0	73.0	70.5	68.5	69.5	71.0	69.0	70.0
8	76.5	73.5	74.0	74.0	72.0	73.0	70.0	68.0	69.0	70.5	67.5	69.0
9	77.0	73.5	74.5	74.0	71.5	73.0	70.0	67.0	68.5	70.5	67.0	68.5
10	77.5	74.0	75.0	74.5	72.0	73.0	70.5	67.5	69.0	70.5	66.5	68.5
11	75.5	73.0	74.0	72.5	69.5	71.0	71.5	69.5	70.0	71.0	69.0	70.0
12	73.0	71.0	71.0	71.5	69.0	70.5	71.0	68.5	69.5	70.5	68.5	69.0
13	74.0	71.5	72.0	72.5	70.0	71.0	71.0	68.0	70.0	69.5	66.5	68.0
14	75.0	72.0	72.5	73.5	71.0	72.0	70.5	67.0	69.0	68.5	67.0	67.5
15	75.5	72.0	73.0	72.0	69.5	71.5	70.0	66.5	68.0	68.0	65.5	67.0
16	74.5	71.0	73.0	69.5	69.0	69.0	69.5	66.0	68.0	69.0	66.0	67.5
17	75.5	72.0	73.5	69.0	68.0	68.5	70.0	67.5	68.5	69.5	67.0	68.0
18	76.5	74.0	75.0	69.0	68.0	68.5	69.0	68.0	68.5	70.0	68.5	69.0
19	75.5	74.0	74.5	69.5	68.0	68.5	68.0	67.0	67.5	69.5	67.5	68.5
20	75.0	74.0	74.5	71.5	69.0	70.0	68.0	66.5	67.0	70.5	68.0	69.0
21	76.5	74.0	74.5	72.5	70.0	71.0	69.0	66.0	67.5	68.5	64.5	65.5
22	77.0	74.0	75.0	73.0	70.0	71.0	70.0	68.0	69.0	67.5	64.5	66.0
23	76.5	73.5	75.0	71.5	70.0	71.0	70.5	68.0	69.0	67.5	64.0	66.0
24	76.0	73.5	74.5	72.0	70.0	71.0	69.0	66.0	67.5	68.5	64.5	66.5
25	76.0	73.5	74.5	73.0	70.5	71.5	69.5	66.5	68.0	69.5	65.5	67.5
26	76.0	73.0	74.0	72.5	70.5	71.0	70.0	67.5	68.5	70.5	66.5	68.5
27	---	---	---	71.0	67.5	68.5	70.0	67.0	68.5	70.0	69.0	69.5
28	76.0	72.5	74.5	70.0	67.5	68.5	71.0	68.0	69.0	69.5	67.0	67.5
29	75.5	72.0	74.0	69.5	65.5	67.0	71.0	67.5	69.0	70.0	66.5	68.5
30	75.5	72.5	74.0	67.0	65.0	66.0	70.0	67.0	68.5	71.0	69.0	70.0
31	75.0	72.5	73.5	---	---	---	69.5	66.0	68.0	71.5	68.5	70.0
Month	---	---	---	74.5	65.0	70.8	71.5	66.0	68.6	71.5	64.0	68.3

205548156143901 Diversion Ditch at outlet, nr Honopou Str, 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	72.0	69.0	70.5	65.0	63.0	64.0	72.0	68.0	70.0	75.6	71.2	72.6
2	70.5	69.5	70.0	67.0	64.5	65.5	73.0	68.5	70.5	74.7	71.0	72.4
3	69.5	66.5	68.0	69.0	65.5	67.0	70.5	67.5	69.5	75.7	70.6	72.5
4	67.0	65.5	66.0	67.0	65.0	66.0	68.0	66.5	67.0	75.5	70.8	72.6
5	68.0	65.0	66.5	65.5	64.0	65.0	67.5	65.5	66.5	73.7	70.7	71.7
6	69.5	66.0	67.5	66.0	64.0	65.0	69.8	66.0	67.9	73.0	69.9	71.0
7	70.0	66.0	68.0	67.0	63.5	65.0	71.5	67.6	69.5	72.3	69.5	70.4
8	71.0	67.5	69.0	66.0	62.5	64.5	73.4	69.2	70.8	73.4	69.4	70.8
9	71.0	68.0	69.0	67.0	62.5	65.0	71.8	68.8	70.0	74.6	69.8	71.5
10	71.5	68.0	69.5	67.0	64.5	66.0	72.2	68.8	70.0	72.6	69.8	71.0
11	71.0	68.5	69.5	66.5	64.0	65.5	69.8	66.3	68.0	74.8	69.7	71.9
12	71.0	67.5	69.5	70.0	66.0	67.5	70.3	66.7	68.1	75.3	70.9	72.7
13	70.0	68.0	69.0	71.5	67.0	68.5	67.0	65.3	66.0	75.7	71.6	73.0
14	70.0	67.5	68.5	71.5	67.5	69.0	65.3	64.7	65.1	75.8	71.1	72.8
15	71.0	67.5	68.5	69.0	67.5	68.5	67.6	64.3	65.9	75.3	70.5	72.2
16	70.0	65.0	67.5	71.5	67.5	69.0	68.1	64.3	66.5	74.0	70.1	71.6
17	68.5	66.0	67.0	71.5	67.0	69.0	67.1	63.4	65.2	75.1	70.0	72.0
18	66.5	65.0	66.0	69.5	64.0	65.5	70.3	65.6	67.3	75.7	70.8	72.5
19	68.0	64.5	66.0	65.5	63.5	64.5	72.5	66.9	68.7	75.5	70.7	72.5
20	69.5	65.5	67.0	66.0	64.5	65.5	71.6	68.0	69.5	75.5	71.1	72.7
21	70.5	66.5	68.5	69.0	64.0	66.5	72.4	69.4	70.4	72.6	71.1	71.8
22	70.0	65.5	67.5	68.0	67.0	67.5	70.8	67.5	69.2	74.9	70.5	72.1
23	71.0	65.5	68.0	70.5	67.5	68.5	71.5	66.4	69.0	71.9	68.3	70.4
24	70.5	67.5	69.0	71.5	68.5	69.5	73.9	68.9	70.9	72.0	67.0	69.5
25	70.5	66.5	68.5	69.0	67.0	68.5	74.0	69.2	71.2	74.6	69.9	71.6
26	72.5	68.0	70.0	68.5	66.0	67.5	74.2	69.7	71.3	75.1	69.9	71.9
27	73.0	68.5	70.5	71.0	67.5	69.0	74.3	69.7	71.4	75.4	70.1	72.1
28	70.0	64.5	68.0	71.5	68.0	69.5	74.0	69.6	71.3	74.8	70.7	72.2
29	---	---	---	72.5	68.5	70.0	75.0	70.2	71.9	75.5	70.1	72.2
30	---	---	---	72.5	69.0	70.0	75.4	70.4	72.2	75.5	71.0	72.5
31	---	---	---	72.5	68.5	70.0	---	---	---	74.6	70.5	71.9
Month	73.0	64.5	68.3	72.5	62.5	67.2	75.4	63.4	69.0	75.8	67.0	71.9

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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	74.8	69.9	71.8	76.3	71.4	73.1	75.8	71.5	73.0	---	---	---
2	74.9	70.3	71.9	75.6	71.2	73.0	74.6	71.3	72.4	---	---	---
3	73.2	70.6	71.4	72.4	70.1	71.5	---	---	---	---	---	---
4	74.7	69.4	71.5	75.1	69.9	72.1	---	---	---	---	---	---
5	75.0	70.6	72.2	75.5	70.7	72.6	---	---	---	---	---	---
6	76.6	71.2	73.1	76.1	70.8	72.8	---	---	---	---	---	---
7	75.9	71.1	73.0	75.7	71.1	73.0	---	---	---	---	---	---
8	75.9	71.4	72.9	75.9	70.9	72.9	---	---	---	---	---	---
9	75.9	71.0	72.8	75.4	70.8	72.6	---	---	---	---	---	---
10	75.2	71.7	73.0	74.8	71.1	72.3	---	---	---	---	---	---
11	76.2	71.3	73.1	74.3	70.8	72.2	---	---	---	---	---	---
12	76.2	71.0	73.0	74.6	70.2	72.0	---	---	---	---	---	---
13	76.4	71.7	73.4	75.2	69.8	72.2	---	---	---	---	---	---
14	76.2	71.2	73.1	75.7	70.8	72.8	---	---	---	---	---	---
15	76.5	70.7	73.1	75.8	70.8	73.0	---	---	---	---	---	---
16	75.9	71.5	73.1	76.8	72.5	74.0	---	---	---	---	---	---
17	75.9	71.1	73.0	77.4	72.5	74.1	---	---	---	---	---	---
18	76.3	71.1	73.1	74.2	70.9	72.7	---	---	---	---	---	---
19	76.3	71.0	73.0	75.5	70.9	72.7	---	---	---	---	---	---
20	76.2	71.3	73.0	76.4	71.4	73.6	---	---	---	---	---	---
21	74.9	71.2	72.6	77.0	72.7	74.2	---	---	---	---	---	---
22	76.0	71.0	72.9	76.4	71.9	73.7	---	---	---	---	---	---
23	74.1	71.3	72.3	76.5	71.9	73.8	---	---	---	---	---	---
24	73.3	70.5	71.7	77.5	72.8	74.4	---	---	---	---	---	---
25	75.2	70.2	72.2	77.0	72.5	74.1	---	---	---	---	---	---
26	76.2	70.9	73.1	74.3	71.9	72.9	---	---	---	---	---	---
27	76.8	71.5	73.5	76.1	71.7	73.4	---	---	---	---	---	---
28	75.1	71.7	73.0	76.3	71.7	73.5	---	---	---	---	---	---
29	74.7	71.1	72.4	75.5	72.2	73.4	---	---	---	---	---	---
30	74.5	71.2	72.4	75.8	71.8	73.3	---	---	---	---	---	---
31	---	---	---	74.5	71.6	72.7	---	---	---	---	---	---
Month	76.8	69.4	72.7	77.5	69.8	73.1	---	---	---	---	---	---